

Data Path : P:\HPCHEM1\ECD D\Data\PD050518\
 Data File : PD047451.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 04 May 2018 22:57
 Operator : UA/AJ
 Sample : PTOXICV500
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ICPD050518TOX

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 05 00:33:27 2018
 Quant Method : P:\HPCHEM1\ECD_D\Method\DTX050518.M
 Quant Title : GC Extractables
 QLast Update : Sat May 05 00:21:10 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.428	4.041	55989671	879.3E6	50.024	49.925
7)	SA Decachlor...	8.148	9.119	62817015	945.0E6	50.310	50.309
Target Compounds							
2)	Toxaphene-1	5.662	6.431	4177533	53169327	483.631	492.092
3)	Toxaphene-2	6.261	7.126	11276220	92419362	507.600	495.801
4)	Toxaphene-3	6.505	7.201	12648397	274.4E6	511.390	513.867
5)	Toxaphene-4	6.858	7.289	11169289	172.8E6	507.267	510.141
6)	Toxaphene-5	6.990	7.696	14404117	107.8E6	514.778	471.557

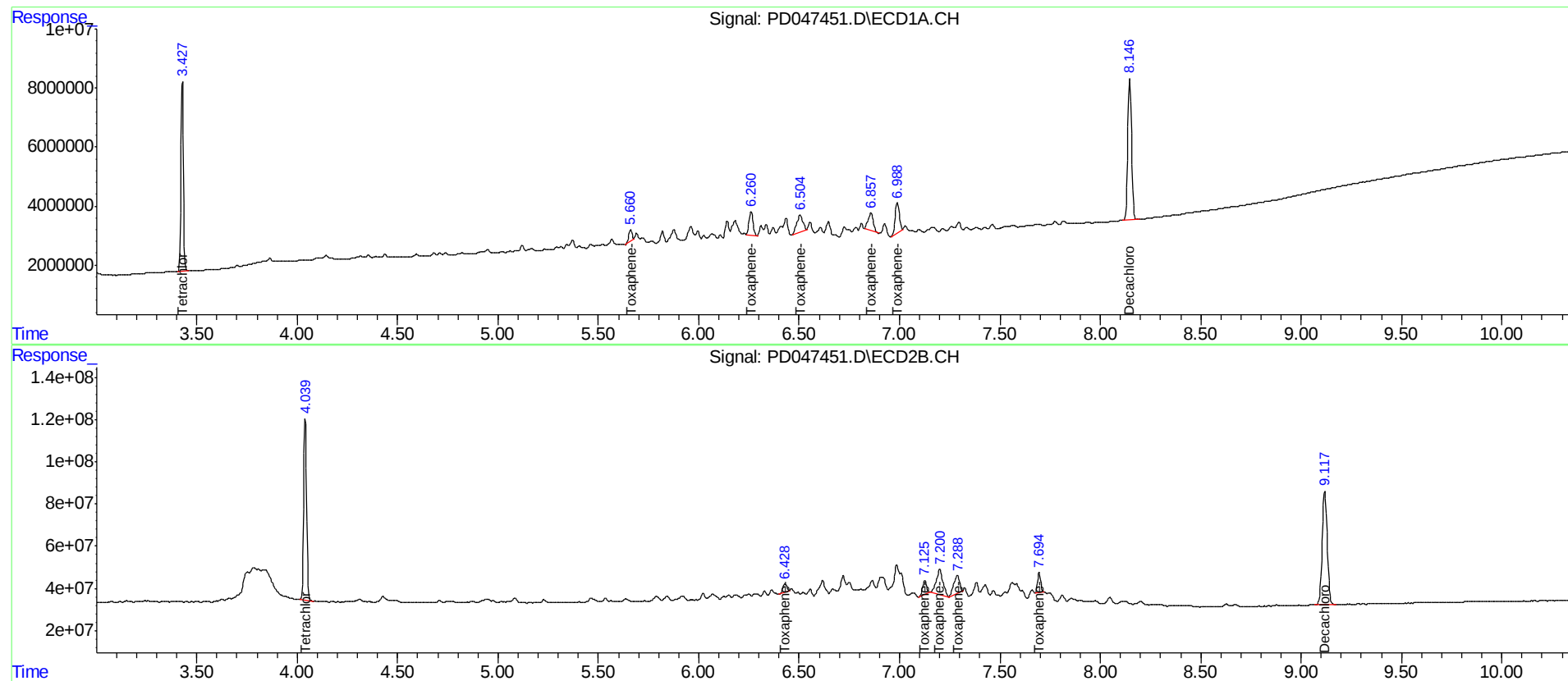
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

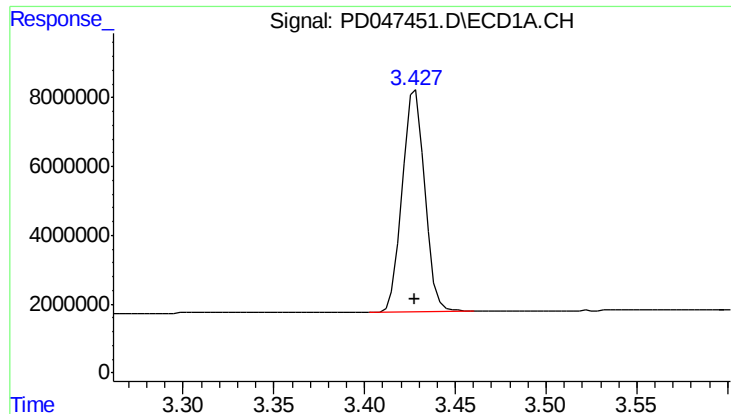
Data Path : P:\HPCHEM1\ECD D\Data\PD050518\
Data File : PD047451.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 04 May 2018 22:57
Operator : UA/AJ
Sample : PTOXICV500
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampled :
ICVPD050518TOX

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 05 00:33:27 2018
Quant Method : P:\HPCHEM1\ECD_D\Method\DTX050518.M
Quant Title : GC Extractables
QLast Update : Sat May 05 00:21:10 2018
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Ini. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

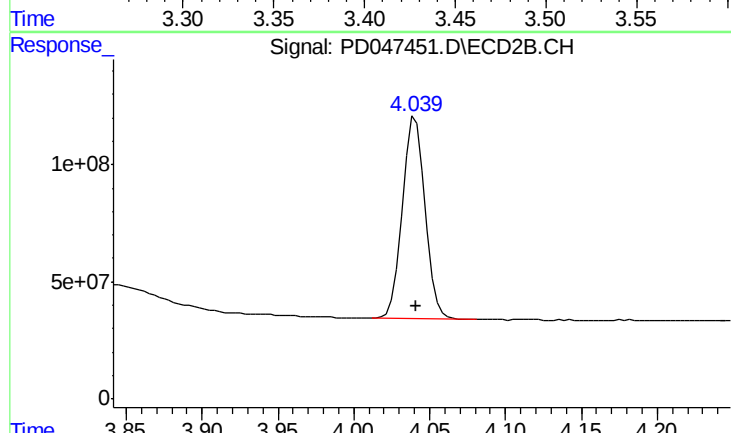




#1 Tetrachloro-m-xylene

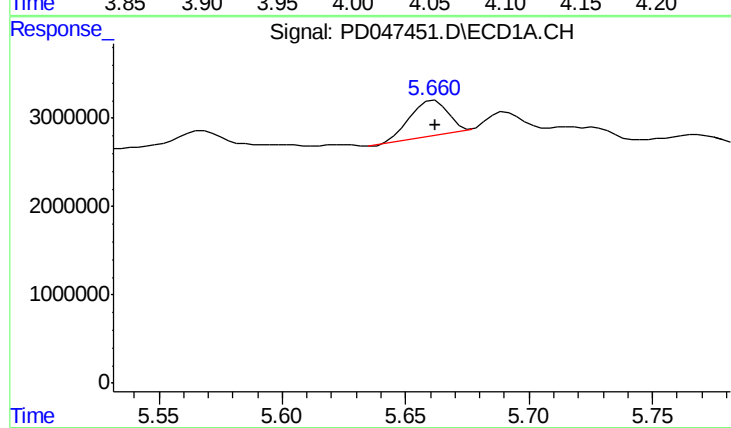
R.T.: 3.428 min
Delta R.T.: 0.000 min
Response: 55989671
Conc: 50.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD050518TOX



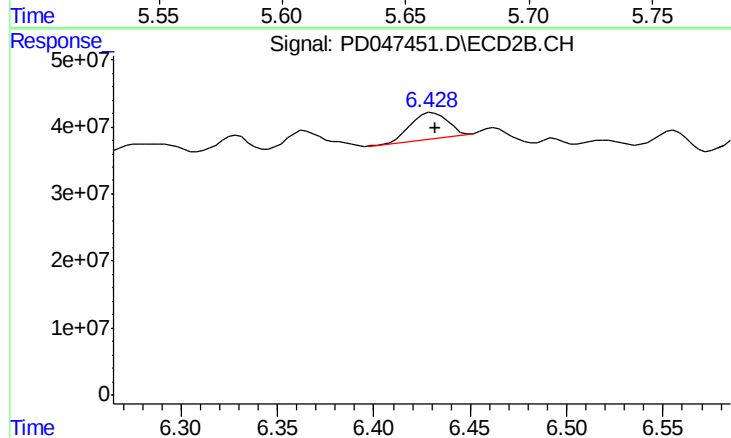
#1 Tetrachloro-m-xylene

R.T.: 4.041 min
Delta R.T.: 0.000 min
Response: 879345202
Conc: 49.92 ng/ml



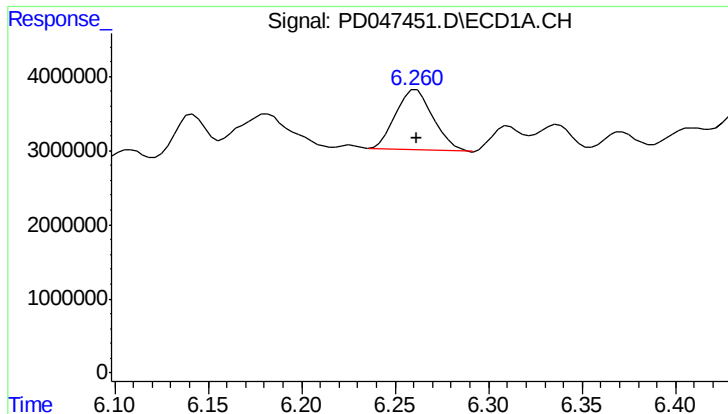
#2 Toxaphene-1

R.T.: 5.662 min
Delta R.T.: 0.000 min
Response: 4177533
Conc: 483.63 ng/ml



#2 Toxaphene-1

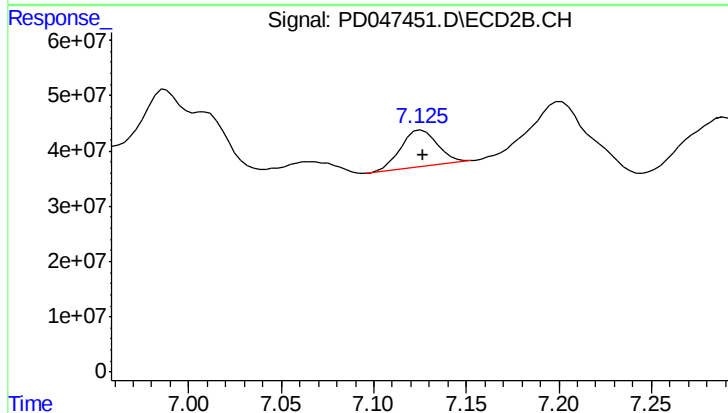
R.T.: 6.431 min
Delta R.T.: 0.000 min
Response: 53169327
Conc: 492.09 ng/ml



#3 Toxaphene-2

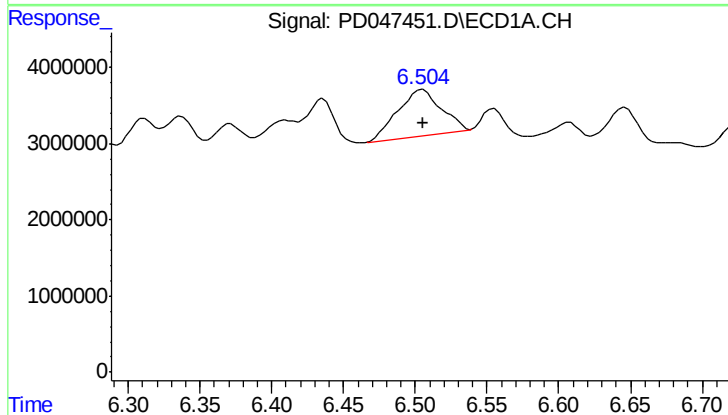
R.T.: 6.261 min
Delta R.T.: 0.000 min
Response: 11276220
Conc: 507.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD050518TOX



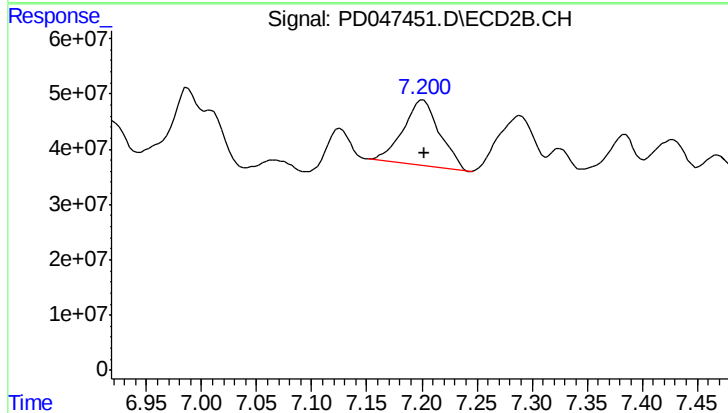
#3 Toxaphene-2

R.T.: 7.126 min
Delta R.T.: 0.000 min
Response: 92419362
Conc: 495.80 ng/ml



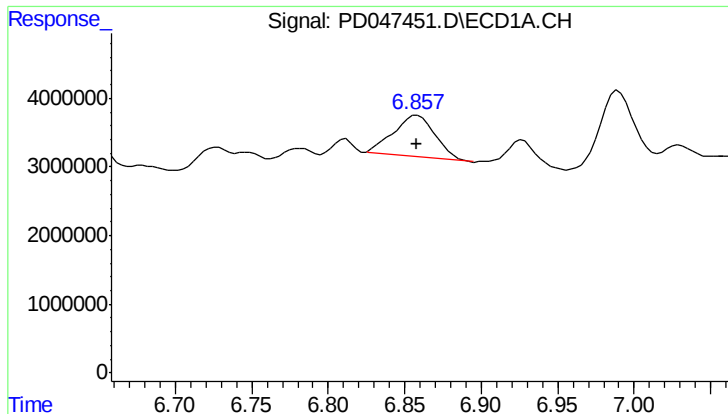
#4 Toxaphene-3

R.T.: 6.505 min
Delta R.T.: 0.000 min
Response: 12648397
Conc: 511.39 ng/ml



#4 Toxaphene-3

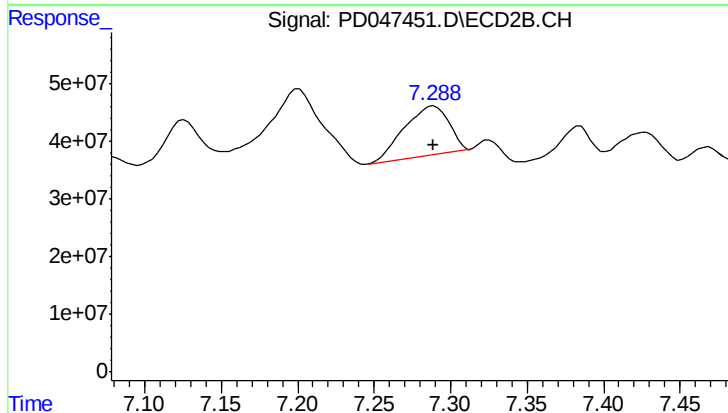
R.T.: 7.201 min
Delta R.T.: 0.000 min
Response: 274389205
Conc: 513.87 ng/ml



#5 Toxaphene-4

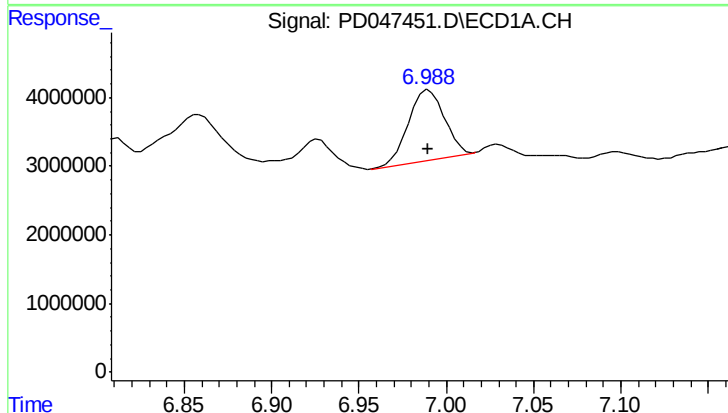
R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 11169289
Conc: 507.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD050518TOX



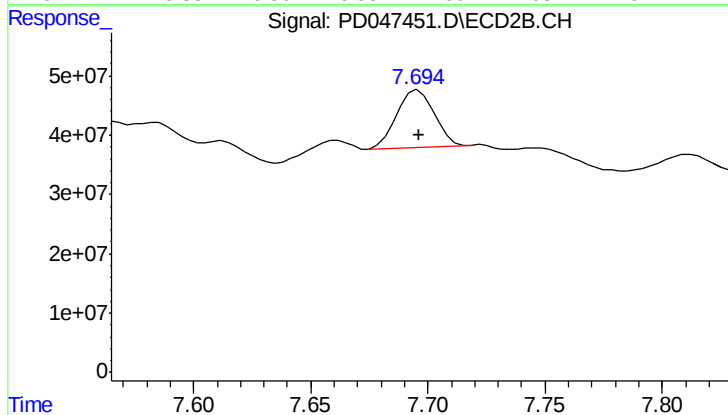
#5 Toxaphene-4

R.T.: 7.289 min
Delta R.T.: 0.000 min
Response: 172782810
Conc: 510.14 ng/ml



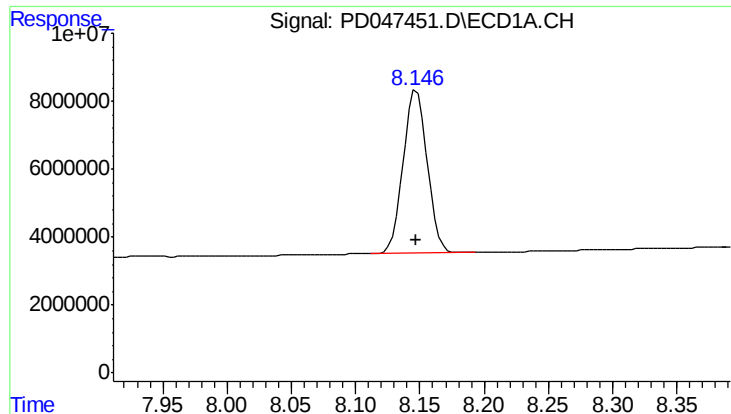
#6 Toxaphene-5

R.T.: 6.990 min
Delta R.T.: 0.000 min
Response: 14404117
Conc: 514.78 ng/ml



#6 Toxaphene-5

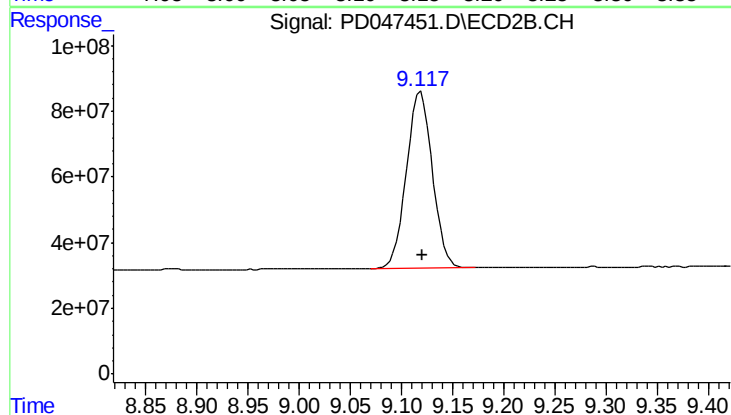
R.T.: 7.696 min
Delta R.T.: 0.000 min
Response: 107849471
Conc: 471.56 ng/ml



#7 Decachlorobiphenyl

R.T.: 8.148 min
Delta R.T.: 0.000 min
Response: 62817015
Conc: 50.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD050518TOX



#7 Decachlorobiphenyl

R.T.: 9.119 min
Delta R.T.: -0.001 min
Response: 945042750
Conc: 50.31 ng/ml

Data Path : P:\HPCHEM1\ECD D\Data\PD050518\
 Data File : PD047445.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 04 May 2018 21:27
 Operator : UA/AJ
 Sample : PCHLORICC1000
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PCHLORICC1000

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 23:45:11 2018
 Quant Method : P:\HPCHEM1\ECD_D\Method\PD050518.M
 Quant Title : GC Extractables
 QLast Update : Fri May 04 23:32:17 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.428	4.041	127.2E6	1721.4E6	101.095	97.693
28)	SA Decachlor...	8.147	9.120	126.0E6	1778.6E6	99.539	96.219
Target Compounds							
23)	Chlordane-1	4.288	5.040	54986856	960.1E6	998.140	974.357m
24)	Chlordane-2	4.784	5.507	55065772	899.3E6	993.364	960.464
25)	Chlordane-3	5.345	6.152	161.1E6	3138.1E6	957.972m	978.130
26)	Chlordane-4	5.404	6.229	154.3E6	3576.5E6	1008.598	976.929
27)	Chlordane-5	6.236	7.028	59166540	786.5E6	997.519	978.584

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : P:\HPCHEM1\ECD D\Data\PD050518\
Data File : PD047445.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 04 May 2018 21:27
Operator : UA/AJ
Sample : PCHLORICC1000
Misc :
ALS Vial : 14 Sample Multiplier: 1

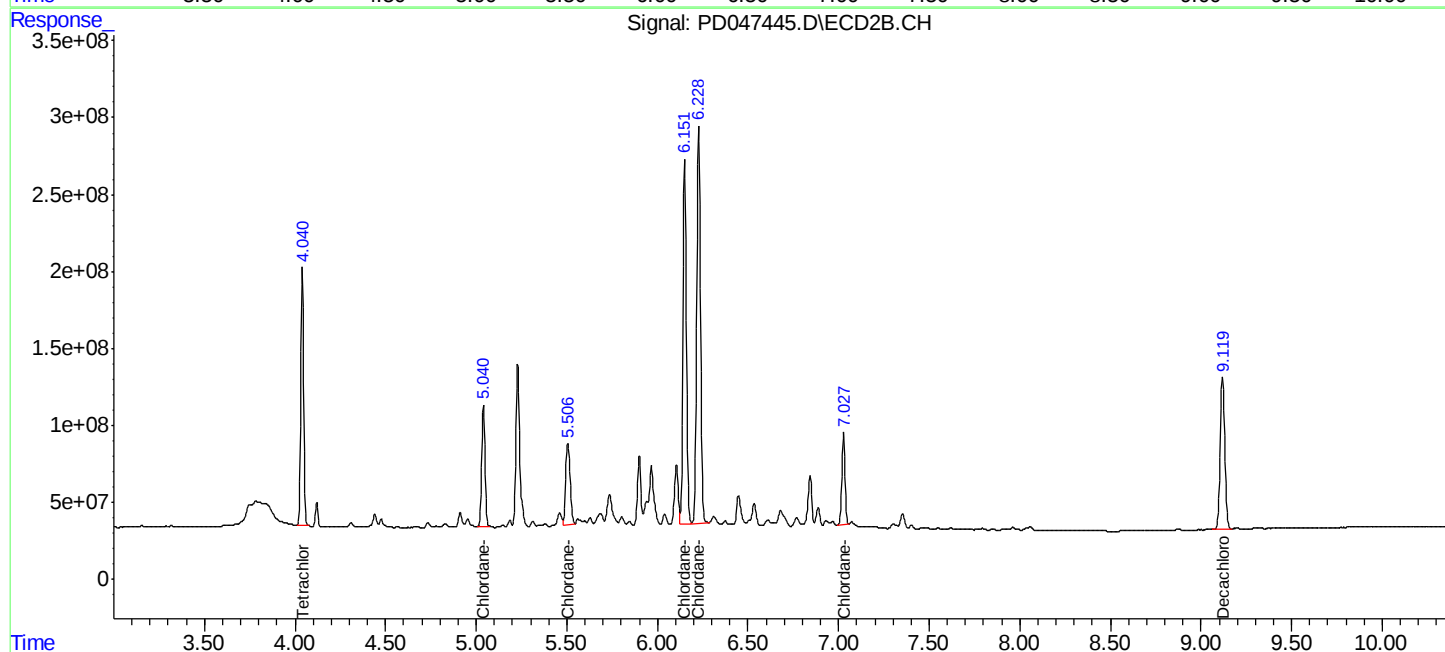
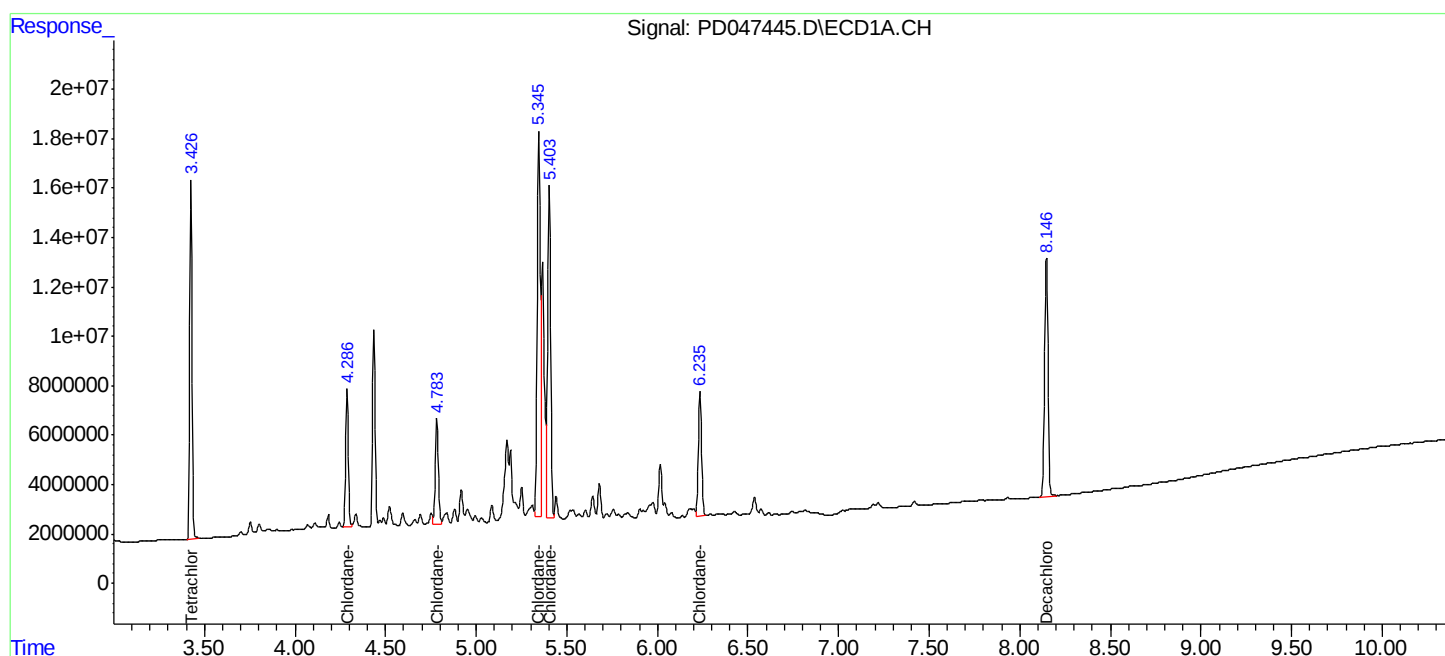
Instrument :
ECD_D
ClientSampleID :
PCHLORICC1000

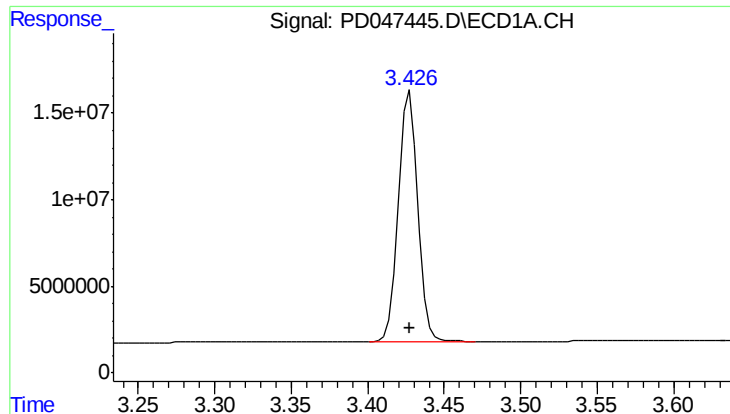
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 04 23:45:11 2018
Quant Method : P:\HPCHEM1\ECD_D\Method\PD050518.M
Quant Title : GC Extractables
QLast Update : Fri May 04 23:32:17 2018
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Ini. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





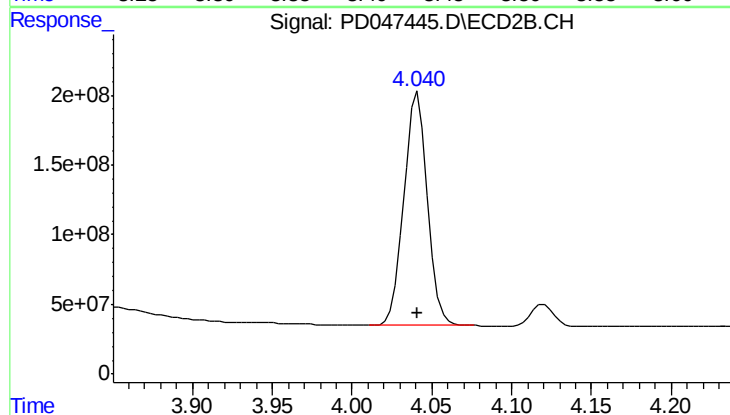
#1 Tetrachloro-m-xylene

R.T.: 3.428 min
Delta R.T.: 0.000 min
Response: 127172766
Conc: 101.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORICC1000

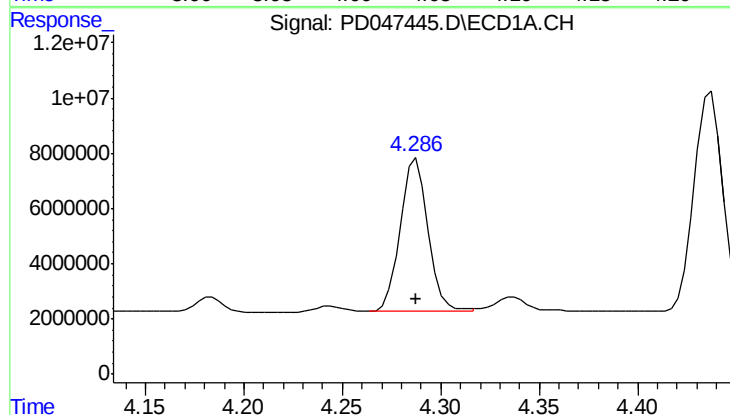
Manual Integrations
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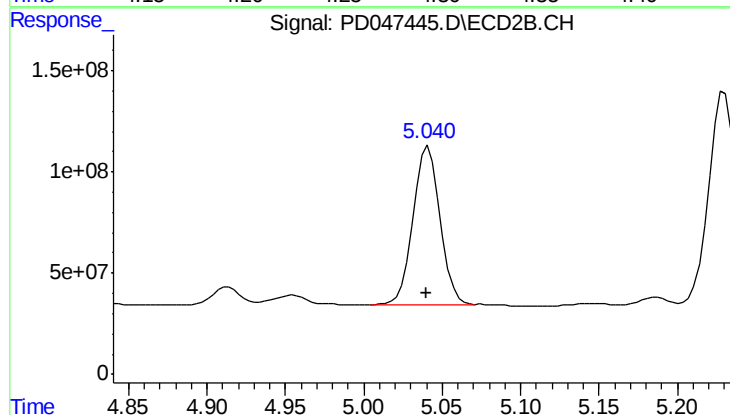
#1 Tetrachloro-m-xylene

R.T.: 4.041 min
Delta R.T.: 0.000 min
Response: 1721372012
Conc: 97.69 ng/ml



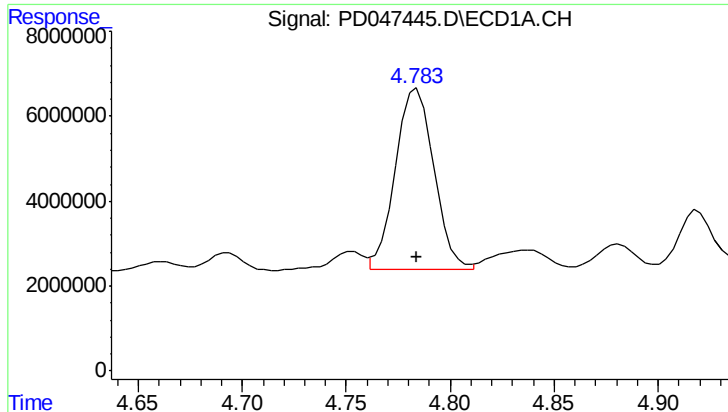
#23 Chlordane-1

R.T.: 4.288 min
Delta R.T.: 0.000 min
Response: 54986856
Conc: 998.14 ng/ml



#23 Chlordane-1

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 960093368
Conc: 974.36 ng/ml m



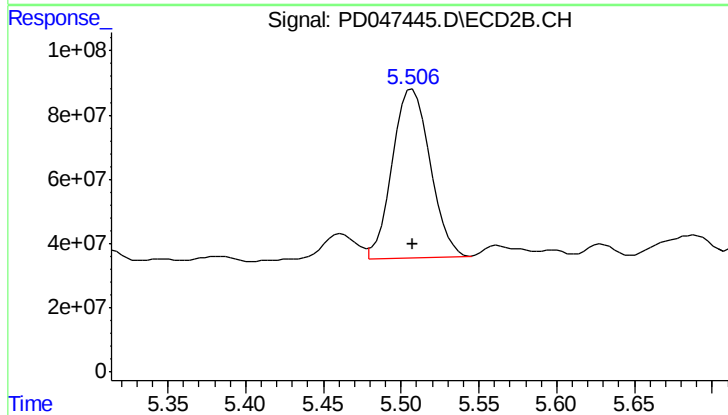
#24 Chlordane-2

R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 55065772
Conc: 993.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORICC1000

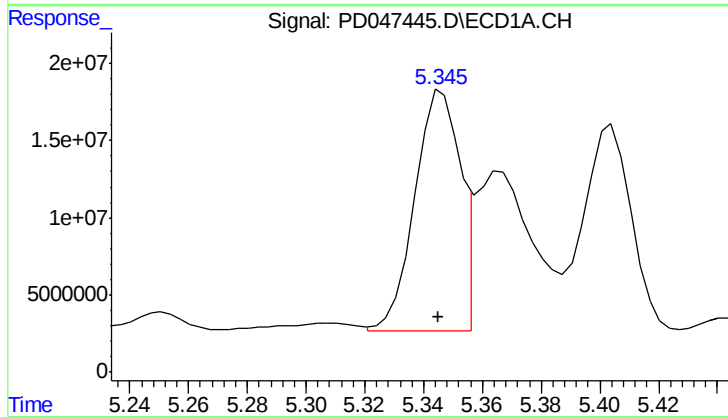
Manual Integrations
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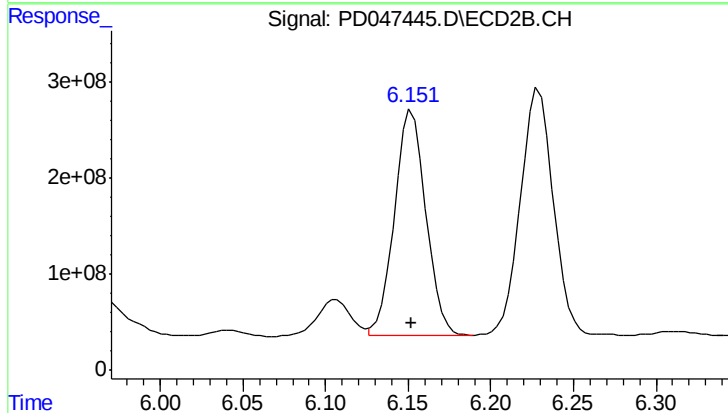
#24 Chlordane-2

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 899316919
Conc: 960.46 ng/ml



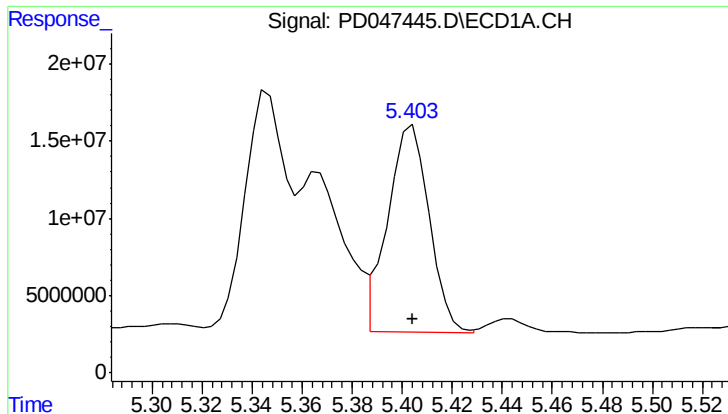
#25 Chlordane-3

R.T.: 5.345 min
Delta R.T.: 0.000 min
Response: 161061607
Conc: 957.97 ng/ml m



#25 Chlordane-3

R.T.: 6.152 min
Delta R.T.: 0.000 min
Response: 3138118914
Conc: 978.13 ng/ml



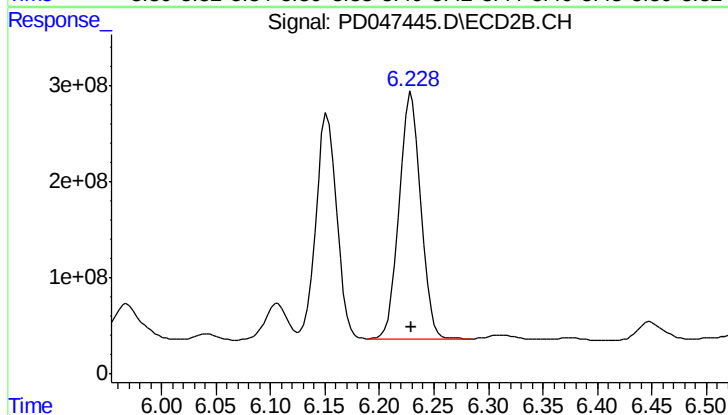
#26 Chlordane-4

R.T.: 5.404 min
Delta R.T.: 0.000 min
Response: 154269359
Conc: 1008.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORICC1000

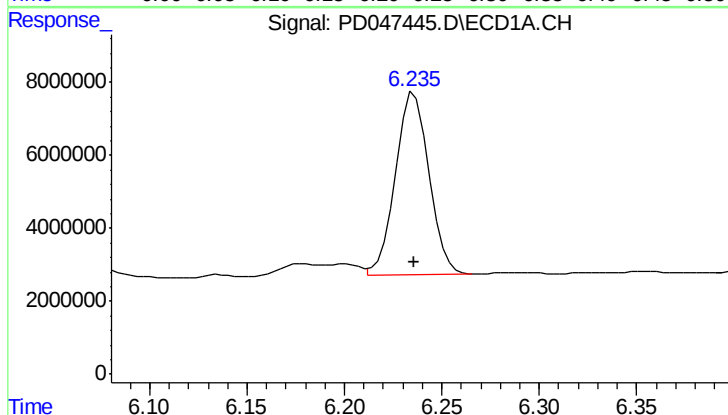
Manual Integrations
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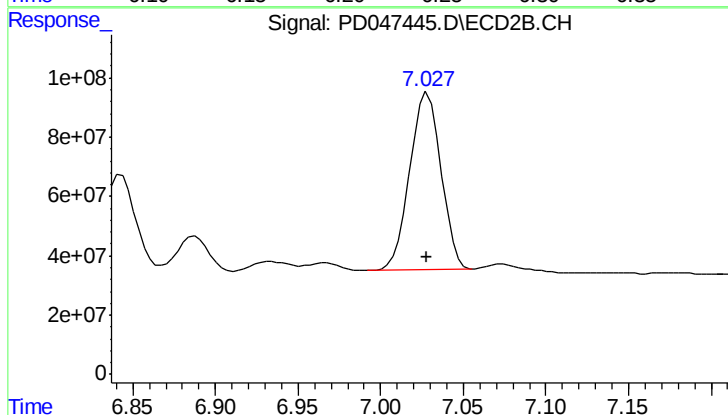
#26 Chlordane-4

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 3576499672
Conc: 976.93 ng/ml



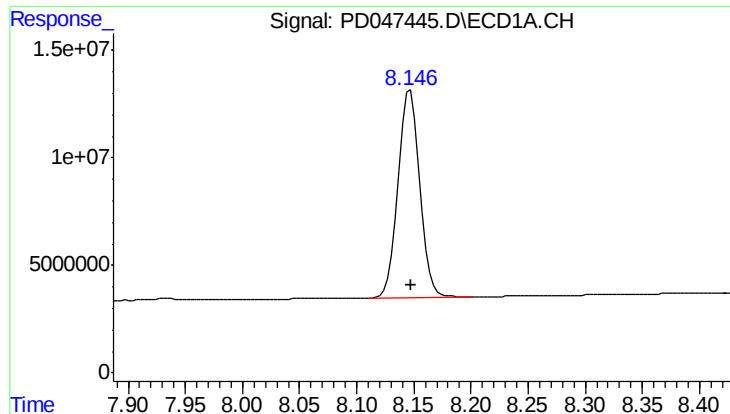
#27 Chlordane-5

R.T.: 6.236 min
Delta R.T.: 0.000 min
Response: 59166540
Conc: 997.52 ng/ml



#27 Chlordane-5

R.T.: 7.028 min
Delta R.T.: 0.000 min
Response: 786524850
Conc: 978.58 ng/ml



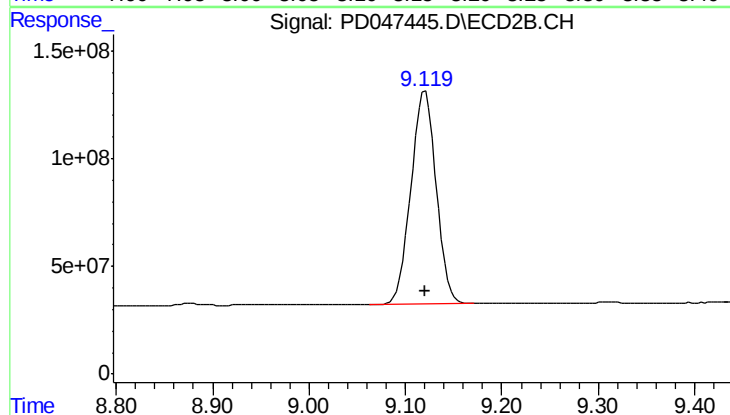
#28 Decachlorobiphenyl

R.T.: 8.147 min
Delta R.T.: 0.000 min
Response: 126032821
Conc: 99.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORICC1000

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 9.120 min
Delta R.T.: 0.000 min
Response: 1778645411
Conc: 96.22 ng/ml

Data Path : P:\HPCHEM1\ECD D\Data\PD050518\
 Data File : PD047446.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 04 May 2018 21:42
 Operator : UA/AJ
 Sample : PCHLORICC750
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PCHLORICC750

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 23:48:18 2018
 Quant Method : P:\HPCHEM1\ECD_D\Method\PD050518.M
 Quant Title : GC Extractables
 QLast Update : Fri May 04 23:35:28 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.428	4.041	94870905	1319.4E6	75.278	74.920
28) SA Decachlor...	8.147	9.119	95241473	1381.8E6	75.147	74.833
Target Compounds						
23) Chlordane-1	4.288	5.039	41472240	741.2E6	751.876	751.746m
24) Chlordane-2	4.784	5.507	41770219	701.0E6	752.341	749.138
25) Chlordane-3	5.344	6.152	132.3E6	2412.0E6	770.069m	751.193
26) Chlordane-4	5.404	6.229	115.0E6	2752.0E6	751.209	751.146
27) Chlordane-5	6.235	7.027	44793517	607.7E6	753.456	754.065

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : P:\HPCHEM1\ECD D\Data\PD050518\
Data File : PD047446.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 04 May 2018 21:42
Operator : UA/AJ
Sample : PCHLORICC750
Misc :
ALS Vial : 15 Sample Multiplier: 1

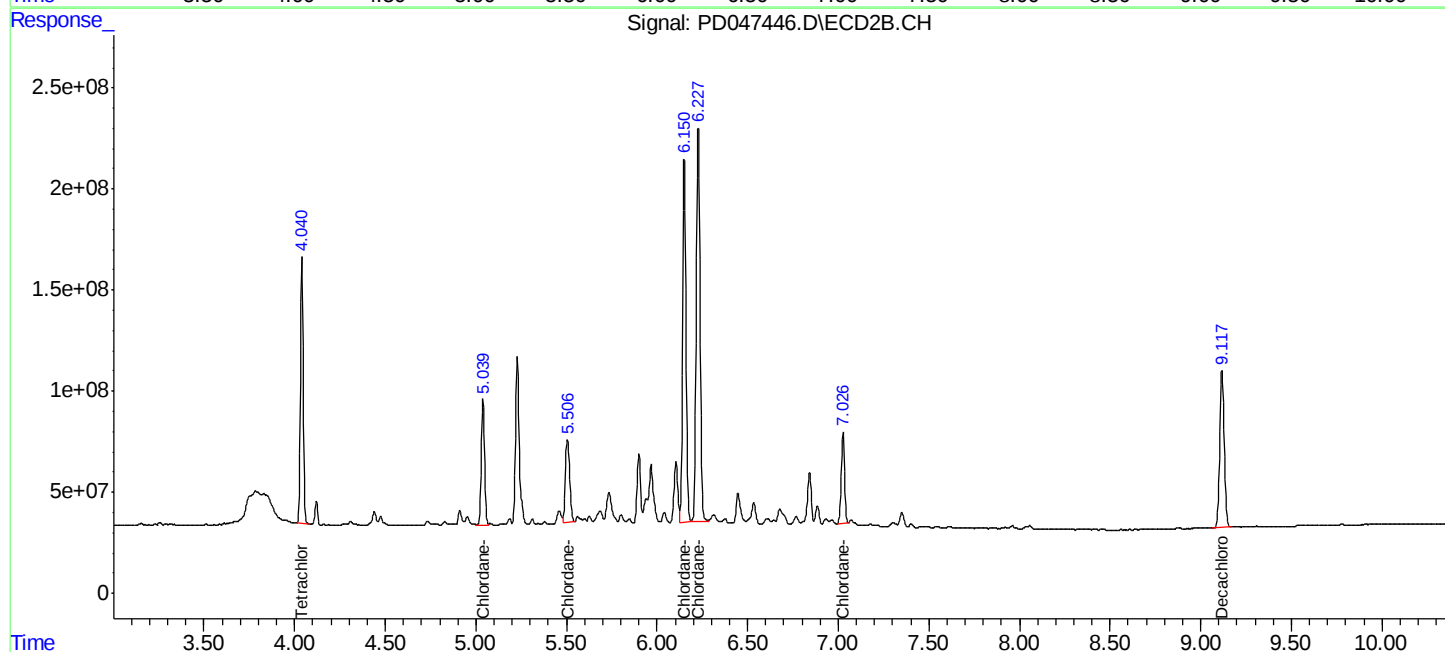
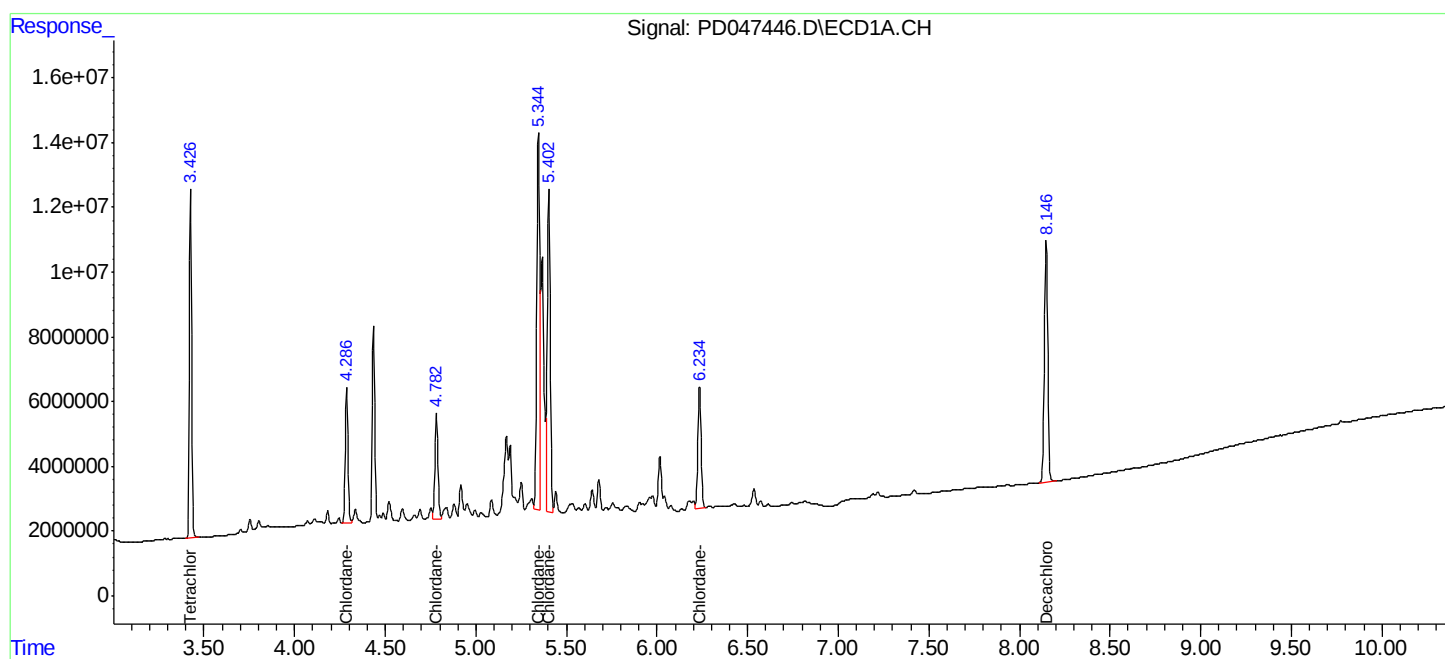
Instrument :
ECD_D
ClientSampleID :
PCHLORICC750

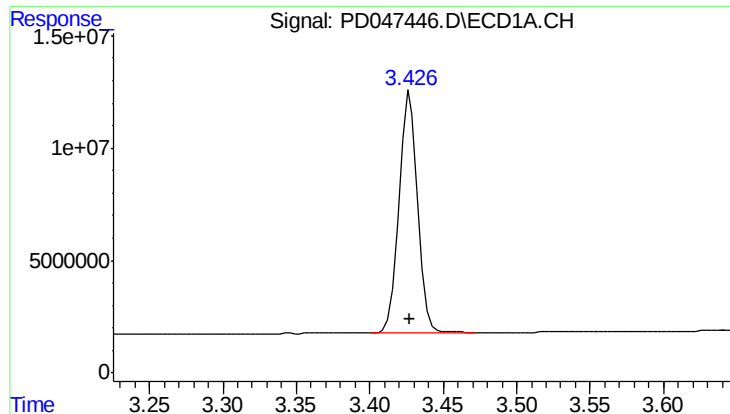
Manual Integrations
APPROVED

UGO
5/7/2018 10:32:48 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 04 23:48:18 2018
Quant Method : P:\HPCHEM1\ECD_D\Method\PD050518.M
Quant Title : GC Extractables
QLast Update : Fri May 04 23:35:28 2018
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Ini. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





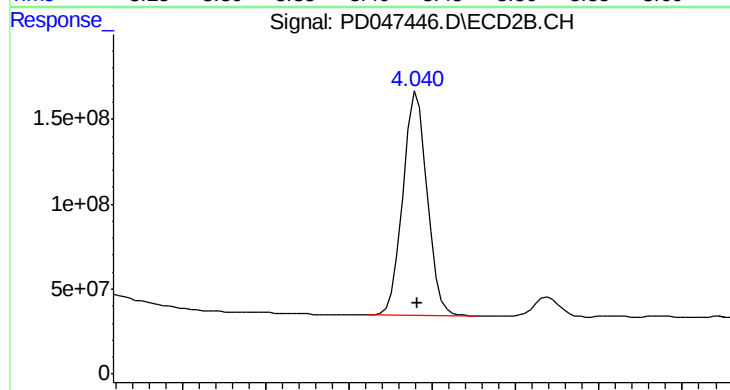
#1 Tetrachloro-m-xylene

R.T.: 3.428 min
Delta R.T.: 0.000 min
Response: 94870905
Conc: 75.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORICC750

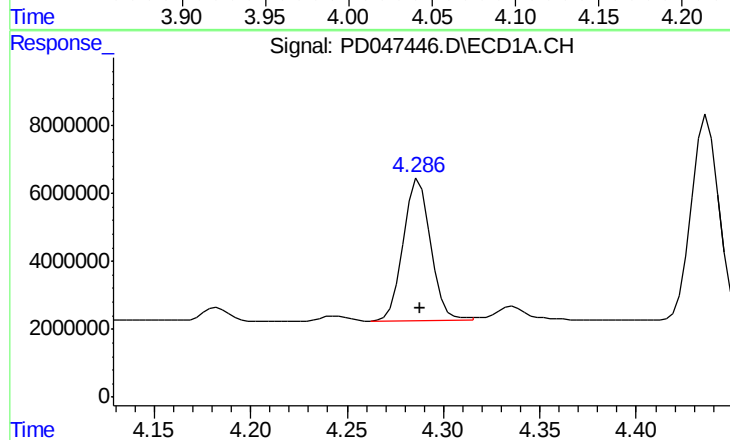
Manual Integrations
APPROVED

UGO
5/7/2018 10:32:48 AM



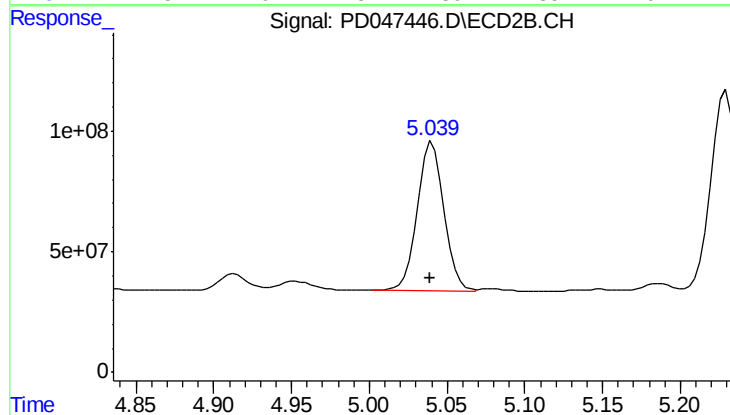
#1 Tetrachloro-m-xylene

R.T.: 4.041 min
Delta R.T.: 0.000 min
Response: 1319394688
Conc: 74.92 ng/ml



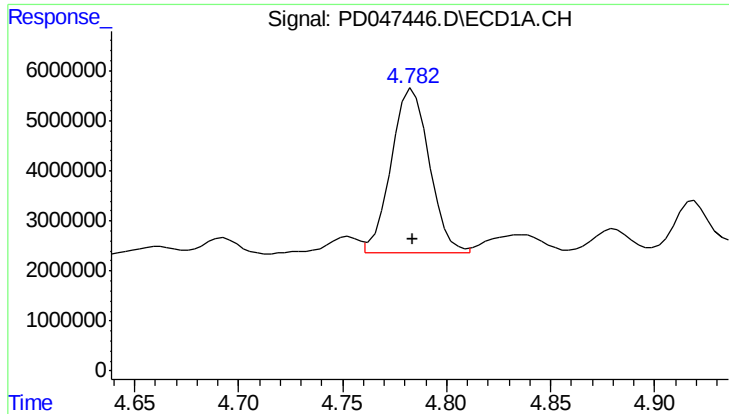
#23 Chlordane-1

R.T.: 4.288 min
Delta R.T.: 0.000 min
Response: 41472240
Conc: 751.88 ng/ml



#23 Chlordane-1

R.T.: 5.039 min
Delta R.T.: 0.000 min
Response: 741234228
Conc: 751.75 ng/ml m



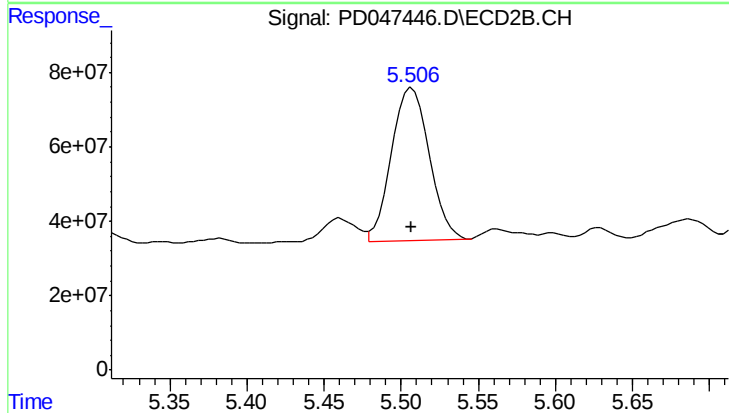
#24 Chlordane-2

R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 41770219
Conc: 752.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORICC750

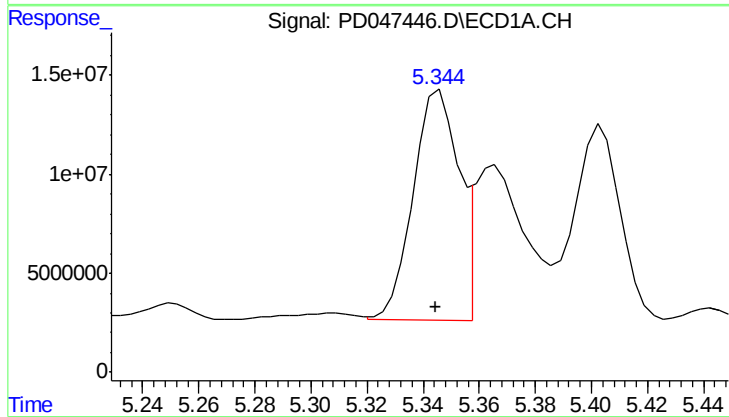
Manual Integrations
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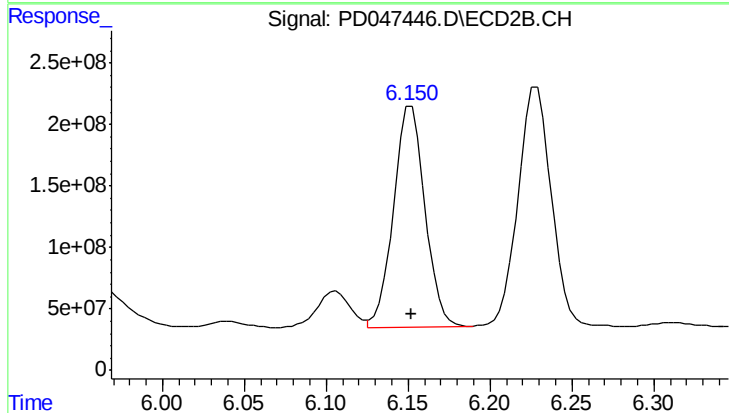
#24 Chlordane-2

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 701041158
Conc: 749.14 ng/ml



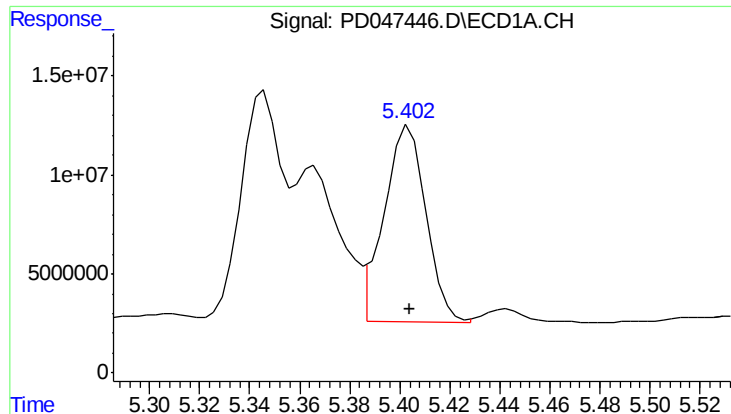
#25 Chlordane-3

R.T.: 5.344 min
Delta R.T.: 0.000 min
Response: 132262696
Conc: 770.07 ng/ml m



#25 Chlordane-3

R.T.: 6.152 min
Delta R.T.: 0.000 min
Response: 2411960827
Conc: 751.19 ng/ml



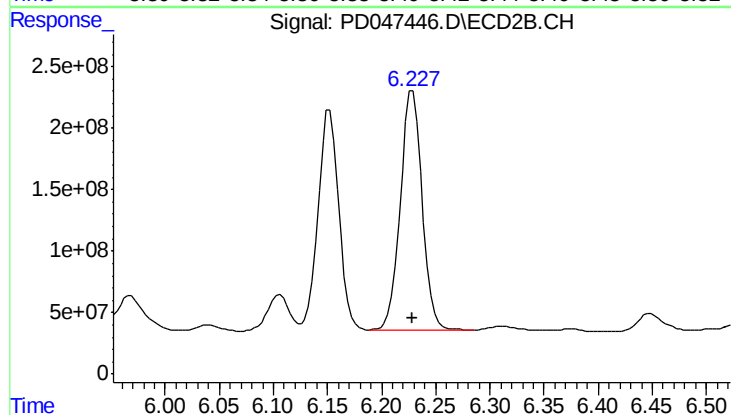
#26 Chlordane-4

R.T.: 5.404 min
Delta R.T.: 0.000 min
Response: 114993269
Conc: 751.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORICC750

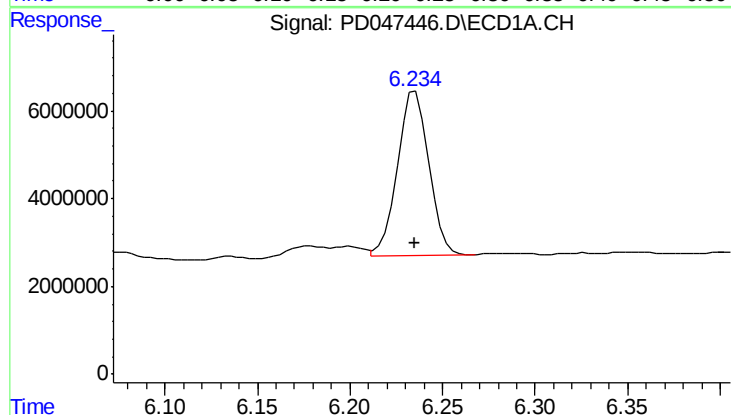
Manual Integrations
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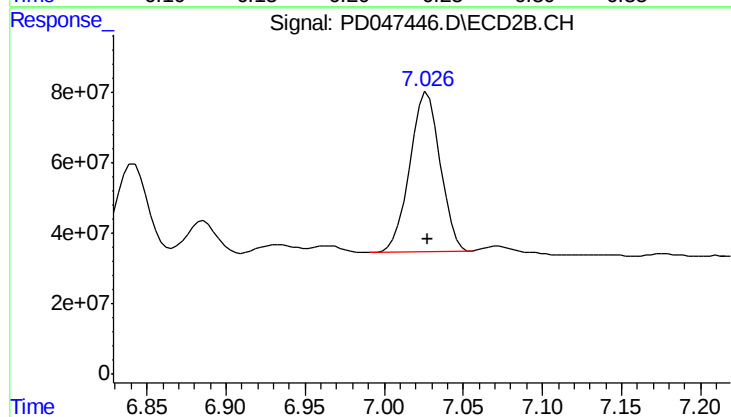
#26 Chlordane-4

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 2752019369
Conc: 751.15 ng/ml



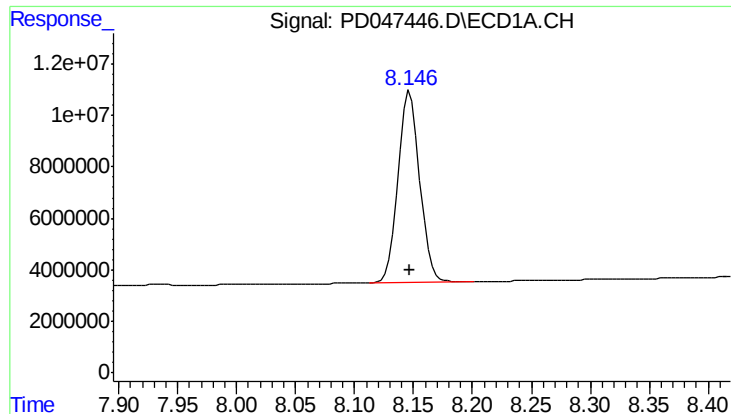
#27 Chlordane-5

R.T.: 6.235 min
Delta R.T.: 0.000 min
Response: 44793517
Conc: 753.46 ng/ml



#27 Chlordane-5

R.T.: 7.027 min
Delta R.T.: 0.000 min
Response: 607717543
Conc: 754.06 ng/ml



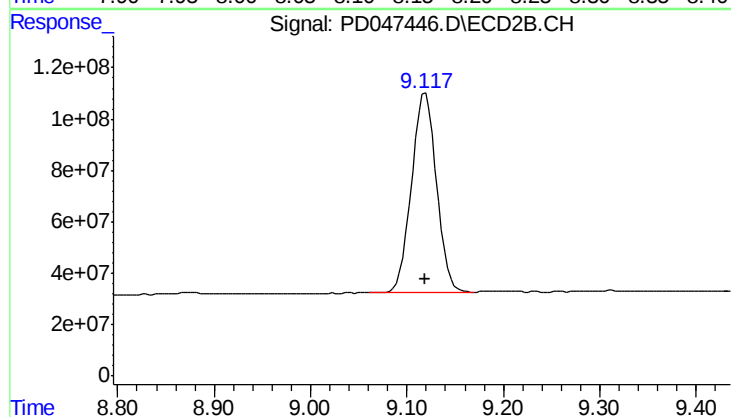
#28 Decachlorobiphenyl

R.T.: 8.147 min
Delta R.T.: 0.000 min
Response: 95241473
Conc: 75.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORICC750

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 9.119 min
Delta R.T.: 0.000 min
Response: 1381765084
Conc: 74.83 ng/ml

Data Path : P:\HPCHEM1\ECD D\Data\PD050518\
 Data File : PD047447.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 04 May 2018 21:57
 Operator : UA/AJ
 Sample : PCHLORICC500
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PCHLORICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 23:41:40 2018
 Quant Method : P:\HPCHEM1\ECD_D\Method\PD050518.M
 Quant Title : GC Extractables
 QLast Update : Fri May 04 23:29:03 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.428	4.041	62208407	901.3E6	50.000	50.000
28) SA Decachlor...	8.147	9.119	63600095	959.2E6	50.000	50.000
Target Compounds						
23) Chlordane-1	4.287	5.041	27595892	505.8E6	500.000	500.000
24) Chlordane-2	4.784	5.508	27900758	486.7E6	500.000	500.000
25) Chlordane-3	5.346	6.152	89275383	1639.2E6	500.000	500.000
26) Chlordane-4	5.404	6.229	75819653	1872.7E6	500.000	500.000
27) Chlordane-5	6.236	7.028	29730452	410.5E6	500.000	500.000

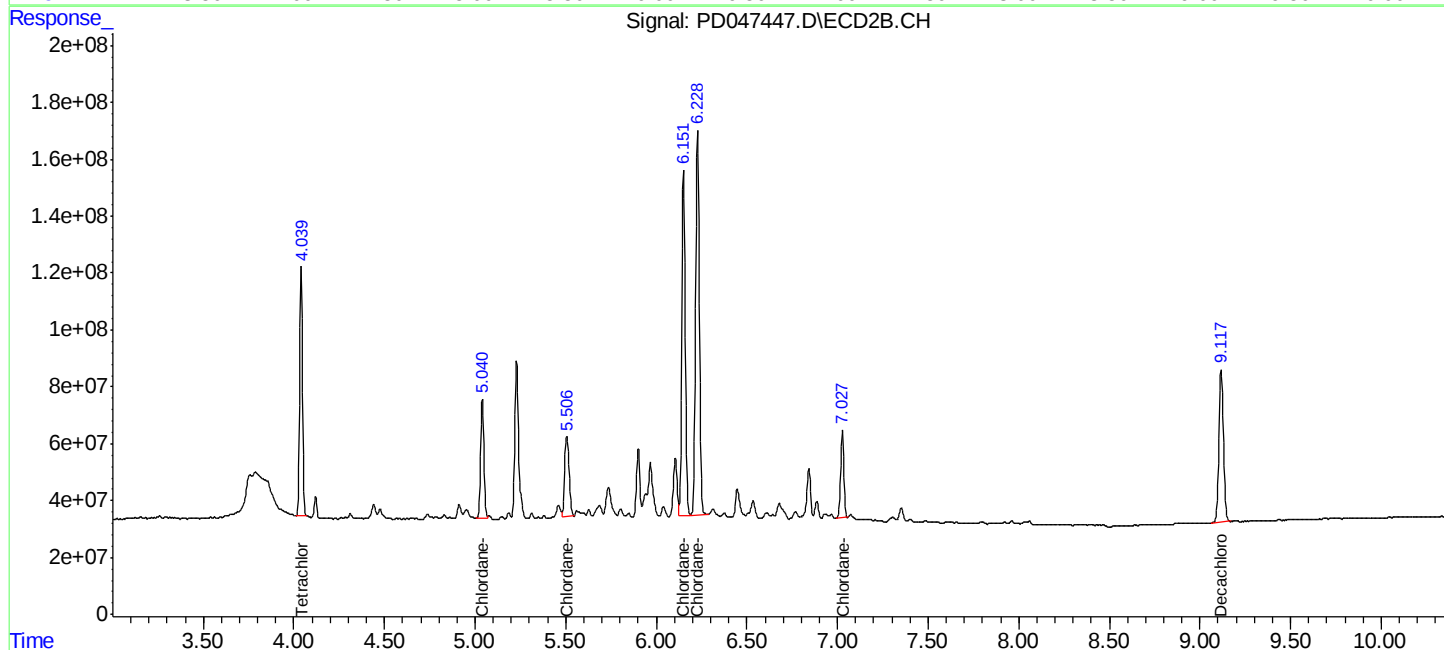
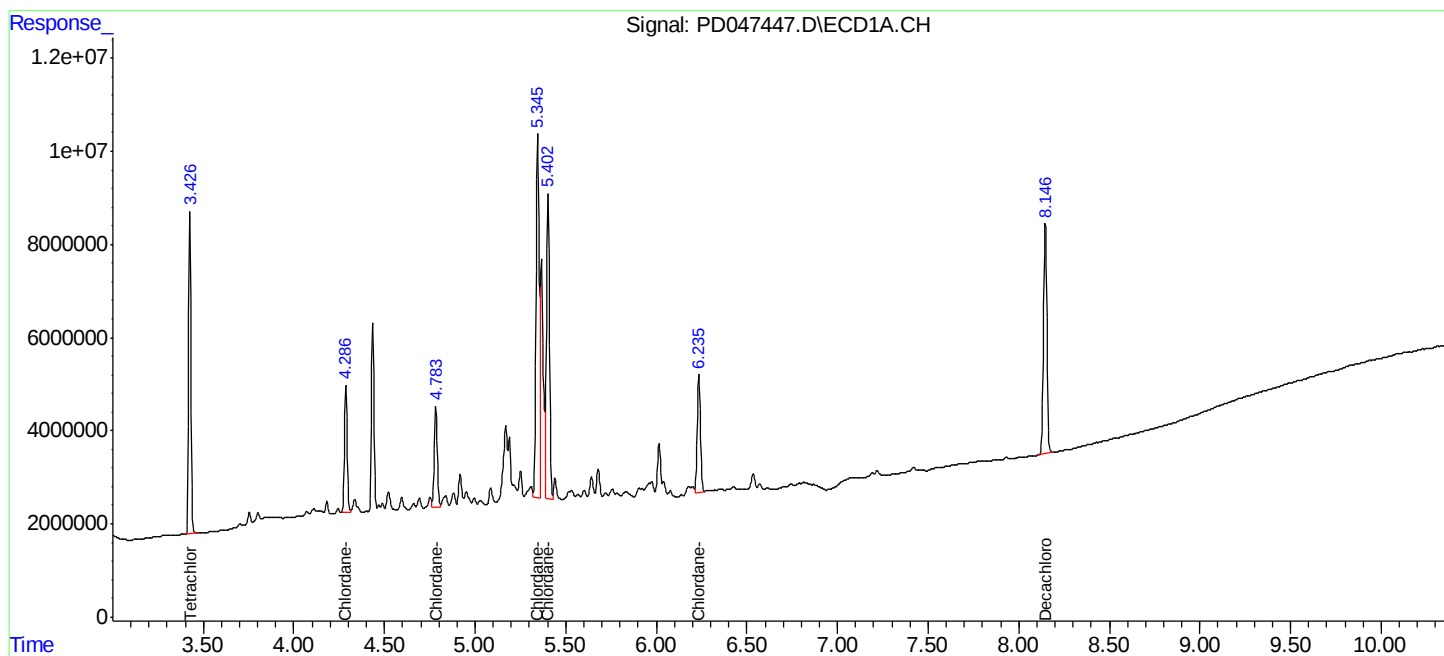
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

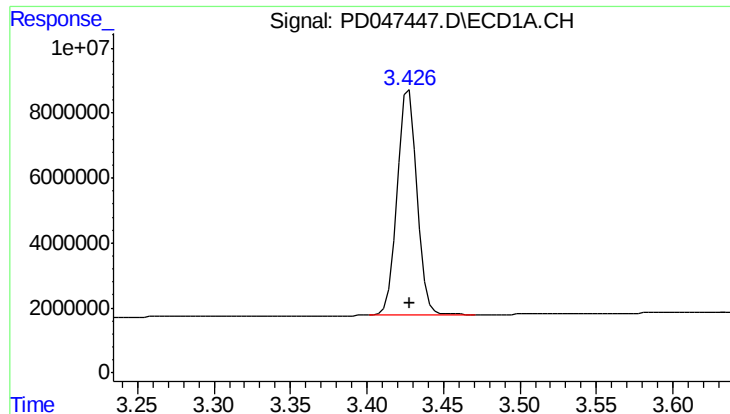
Data Path : P:\HPCHEM1\ECD D\Data\PD050518\
Data File : PD047447.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 04 May 2018 21:57
Operator : UA/AJ
Sample : PCHLORICC500
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PCHLORICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 04 23:41:40 2018
Quant Method : P:\HPCHEM1\ECD_D\Method\PD050518.M
Quant Title : GC Extractables
QLast Update : Fri May 04 23:29:03 2018
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Ini. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

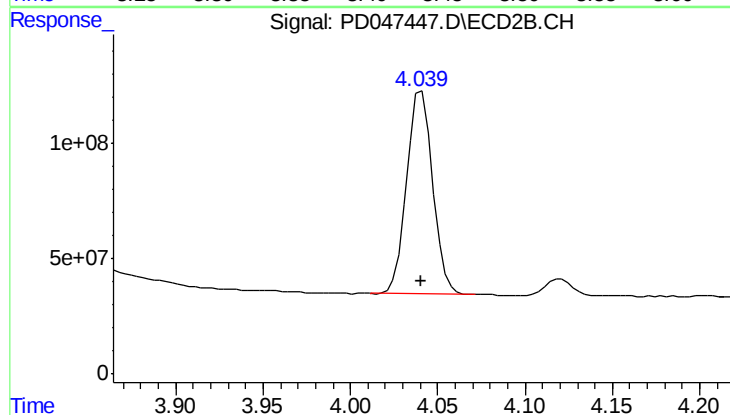




#1 Tetrachloro-m-xylene

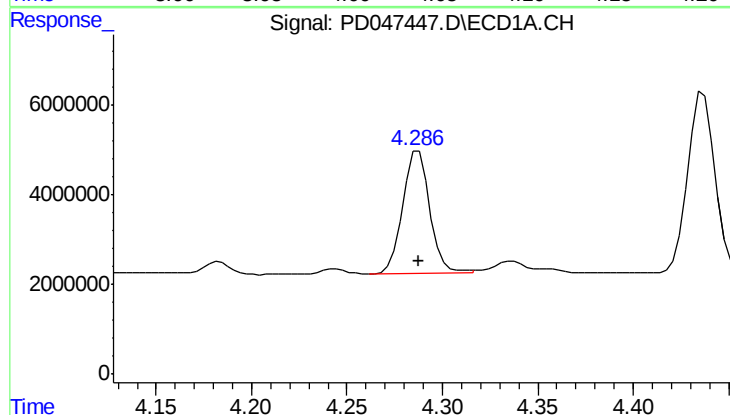
R.T.: 3.428 min
Delta R.T.: 0.000 min
Response: 62208407
Conc: 50.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORICC500



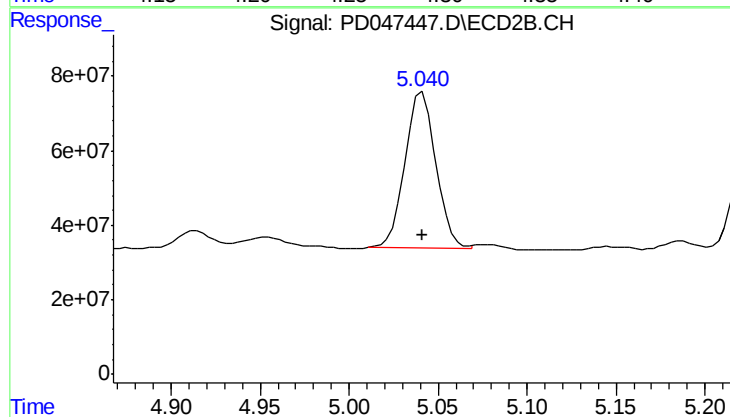
#1 Tetrachloro-m-xylene

R.T.: 4.041 min
Delta R.T.: 0.000 min
Response: 901334046
Conc: 50.00 ng/ml



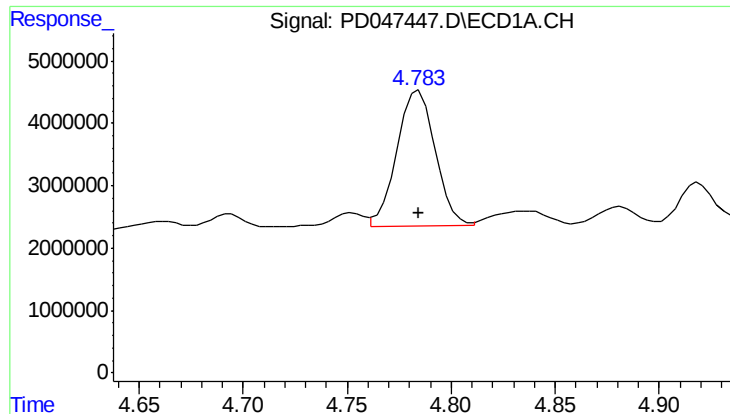
#23 Chlordane-1

R.T.: 4.287 min
Delta R.T.: 0.000 min
Response: 27595892
Conc: 500.00 ng/ml



#23 Chlordane-1

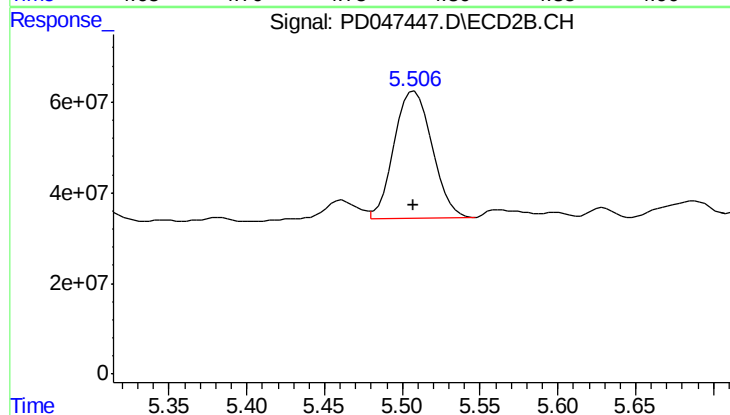
R.T.: 5.041 min
Delta R.T.: 0.000 min
Response: 505767466
Conc: 500.00 ng/ml



#24 Chlordane-2

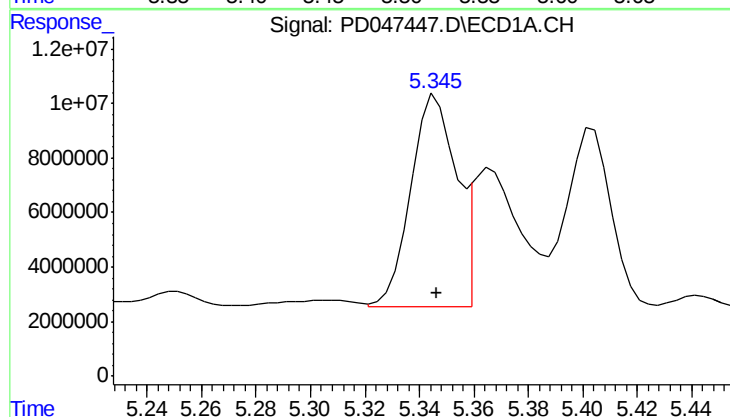
R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 27900758
Conc: 500.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORICC500



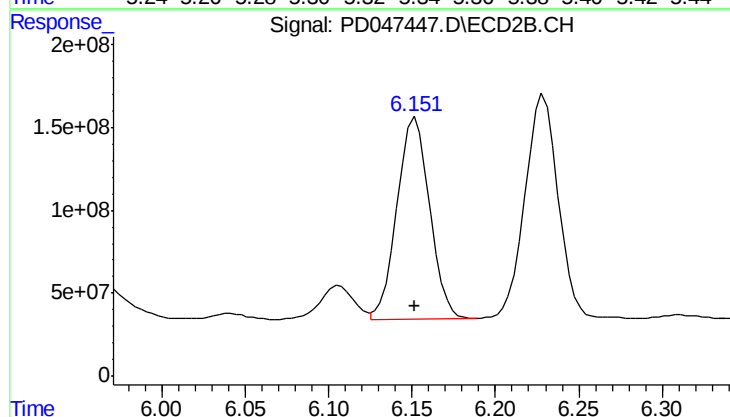
#24 Chlordane-2

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 486677334
Conc: 500.00 ng/ml



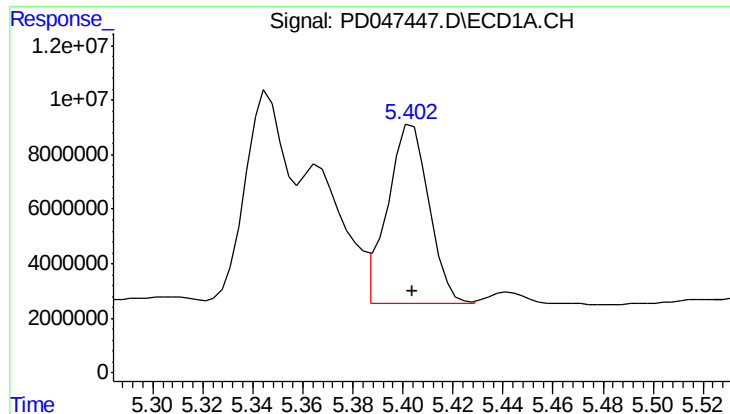
#25 Chlordane-3

R.T.: 5.346 min
Delta R.T.: 0.000 min
Response: 89275383
Conc: 500.00 ng/ml



#25 Chlordane-3

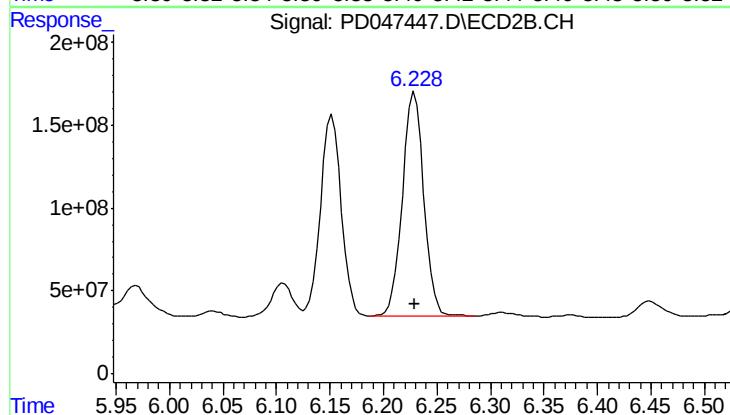
R.T.: 6.152 min
Delta R.T.: 0.000 min
Response: 1639226048
Conc: 500.00 ng/ml



#26 Chlordane-4

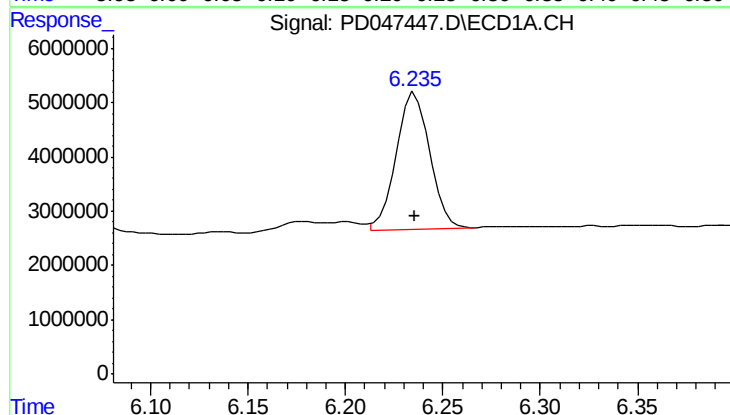
R.T.: 5.404 min
Delta R.T.: 0.000 min
Response: 75819653
Conc: 500.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORICC500



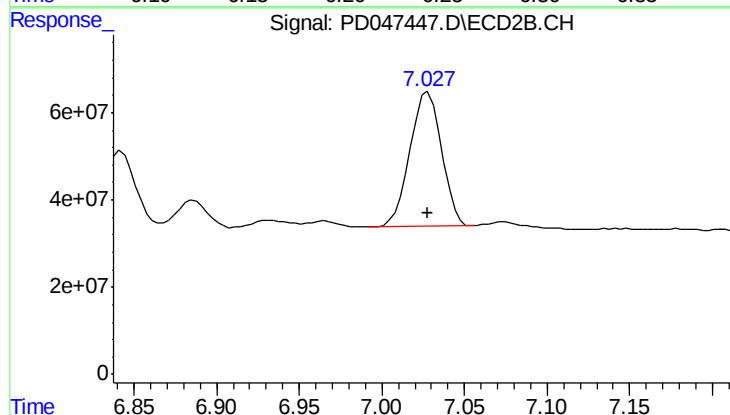
#26 Chlordane-4

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 1872710544
Conc: 500.00 ng/ml



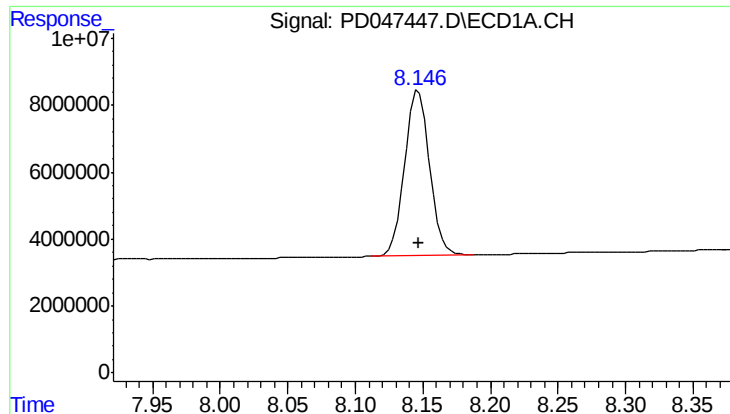
#27 Chlordane-5

R.T.: 6.236 min
Delta R.T.: 0.000 min
Response: 29730452
Conc: 500.00 ng/ml



#27 Chlordane-5

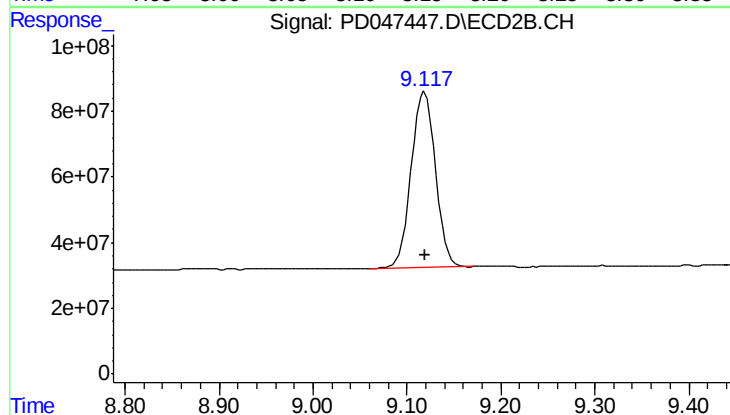
R.T.: 7.028 min
Delta R.T.: 0.000 min
Response: 410475578
Conc: 500.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.147 min
Delta R.T.: 0.000 min
Response: 63600095
Conc: 50.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORICC500



#28 Decachlorobiphenyl

R.T.: 9.119 min
Delta R.T.: 0.000 min
Response: 959211469
Conc: 50.00 ng/ml

Data Path : P:\HPCHEM1\ECD D\Data\PD050518\
 Data File : PD047448.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 04 May 2018 22:12
 Operator : UA/AJ
 Sample : PCHLORICC250
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PCHLORICC250

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 23:53:15 2018
 Quant Method : P:\HPCHEM1\ECD_D\Method\PD050518.M
 Quant Title : GC Extractables
 QLast Update : Fri May 04 23:39:45 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.428	4.040	30452454	463.7E6	24.367	25.985
28)	SA Decachlor...	8.148	9.120	32338153	515.0E6	25.384	27.106
Target Compounds							
23)	Chlordane-1	4.288	5.039	13960646	253.6E6	252.319	255.270m
24)	Chlordane-2	4.783	5.507	13768853	262.5E6	247.330m	272.213
25)	Chlordane-3	5.345	6.152	42857496	854.1E6	247.896m	261.822
26)	Chlordane-4	5.404	6.229	36921626	980.3E6	243.338	262.946
27)	Chlordane-5	6.234	7.028	14278917	213.0E6	242.507m	260.532

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : P:\HPCHEM1\ECD D\Data\PD050518\
Data File : PD047448.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 04 May 2018 22:12
Operator : UA/AJ
Sample : PCHLORICC250
Misc :
ALS Vial : 17 Sample Multiplier: 1

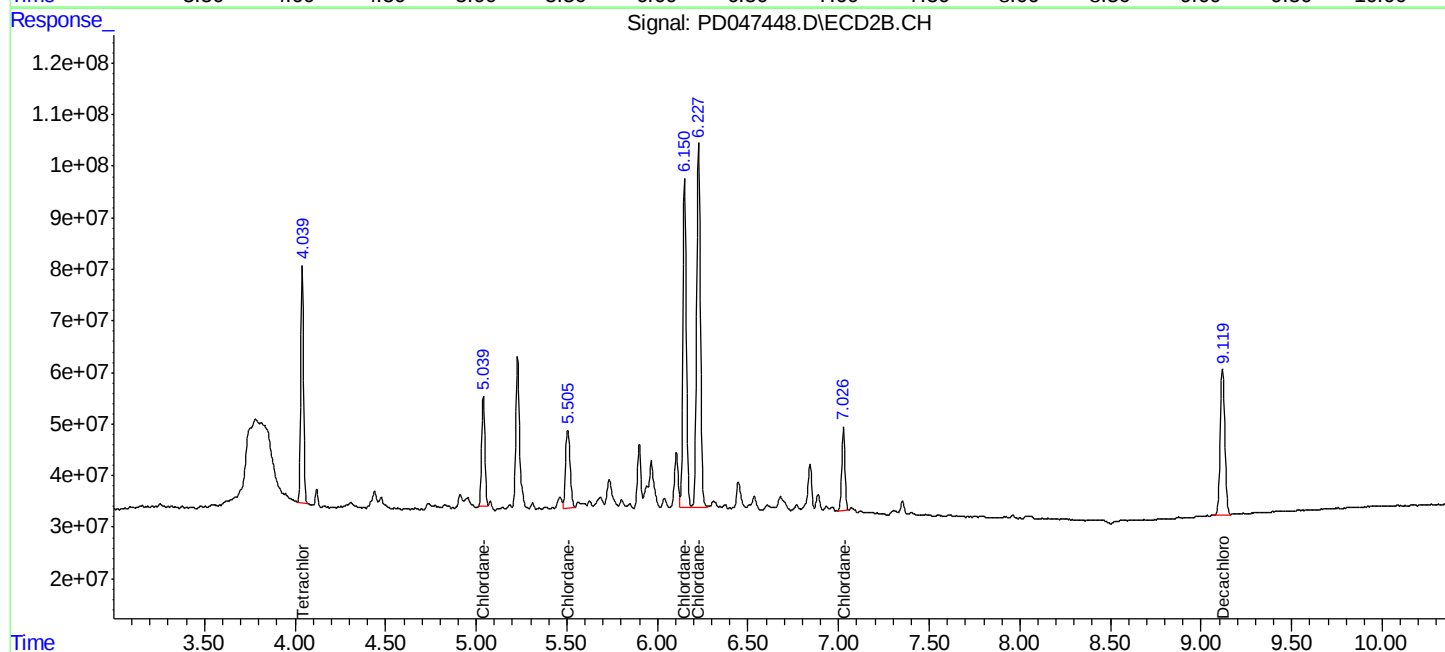
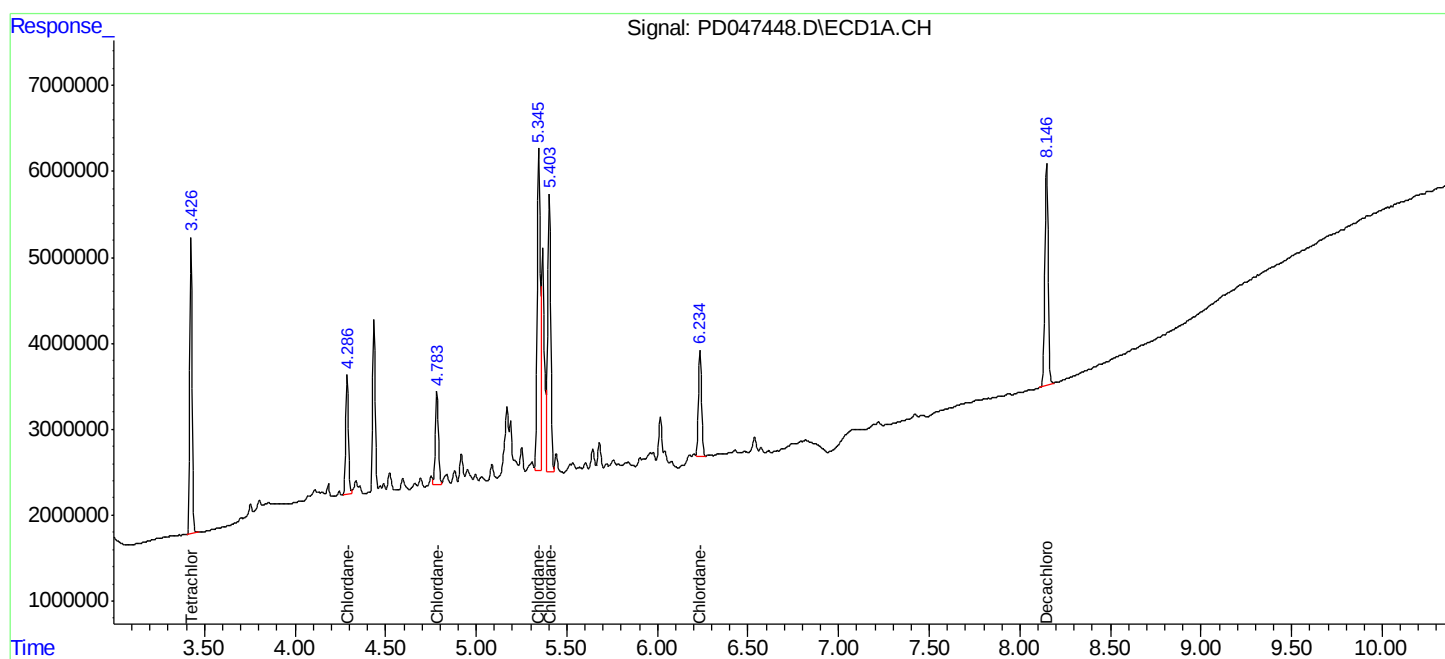
Instrument :
ECD_D
ClientSampleID :
PCHLORICC250

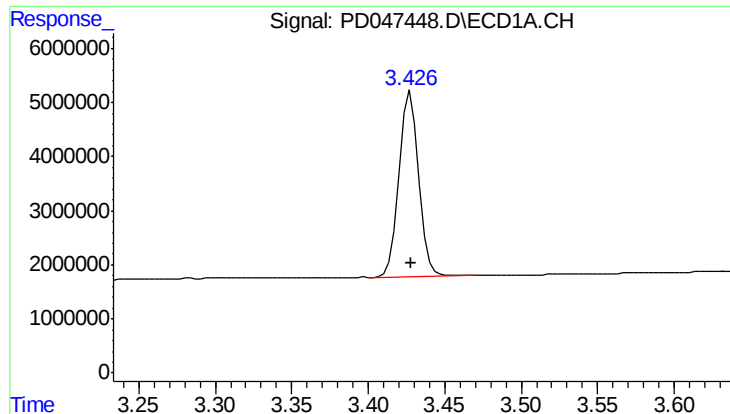
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 04 23:53:15 2018
Quant Method : P:\HPCHEM1\ECD_D\Method\PD050518.M
Quant Title : GC Extractables
QLast Update : Fri May 04 23:39:45 2018
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Ini. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





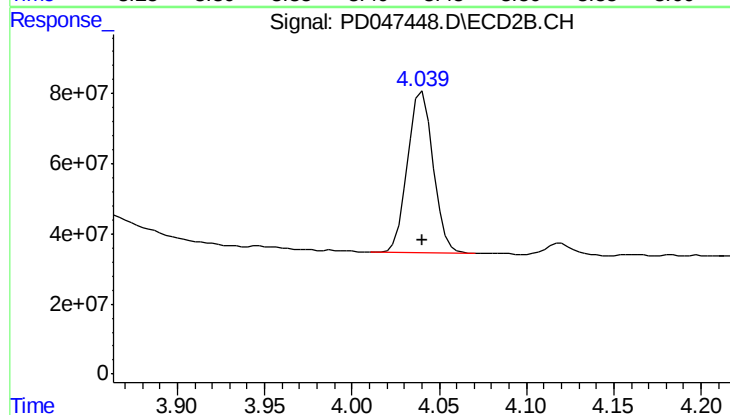
#1 Tetrachloro-m-xylene

R.T.: 3.428 min
Delta R.T.: 0.000 min
Response: 30452454
Conc: 24.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORICC250

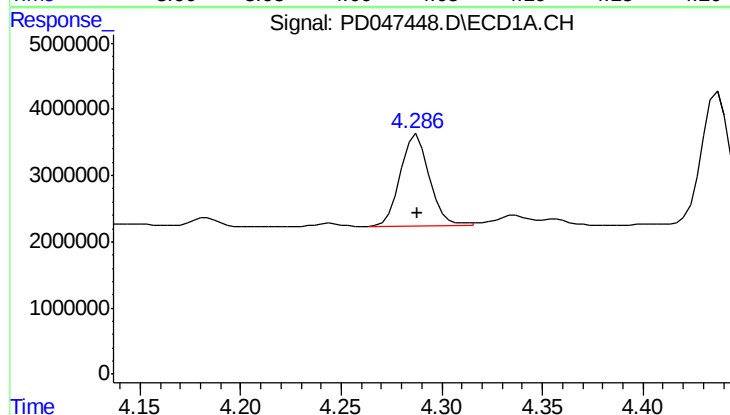
Manual Integrations
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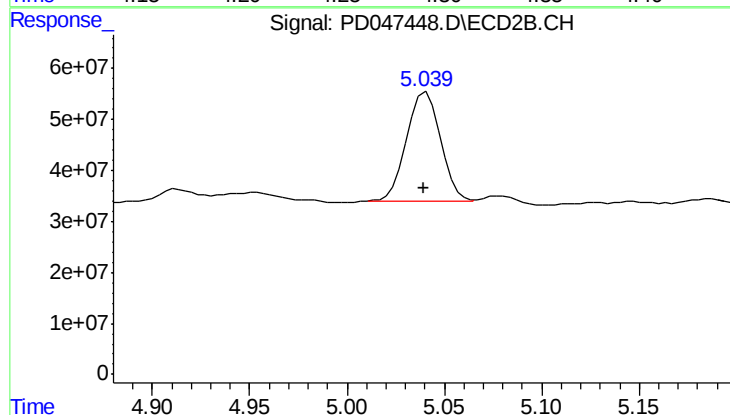
#1 Tetrachloro-m-xylene

R.T.: 4.040 min
Delta R.T.: 0.000 min
Response: 463709370
Conc: 25.99 ng/ml



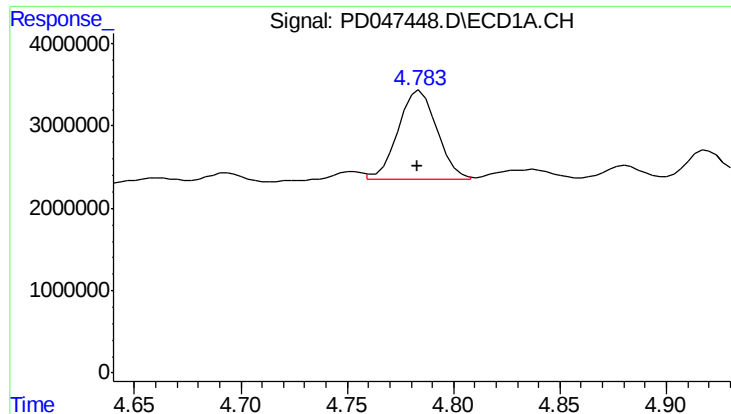
#23 Chlordane-1

R.T.: 4.288 min
Delta R.T.: 0.000 min
Response: 13960646
Conc: 252.32 ng/ml



#23 Chlordane-1

R.T.: 5.039 min
Delta R.T.: 0.000 min
Response: 253622274
Conc: 255.27 ng/ml m



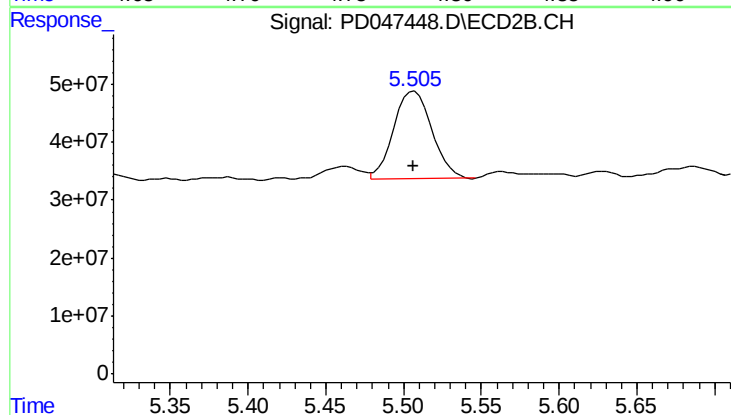
#24 Chlordane-2

R.T.: 4.783 min
Delta R.T.: 0.000 min
Response: 13768853
Conc: 247.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORICC250

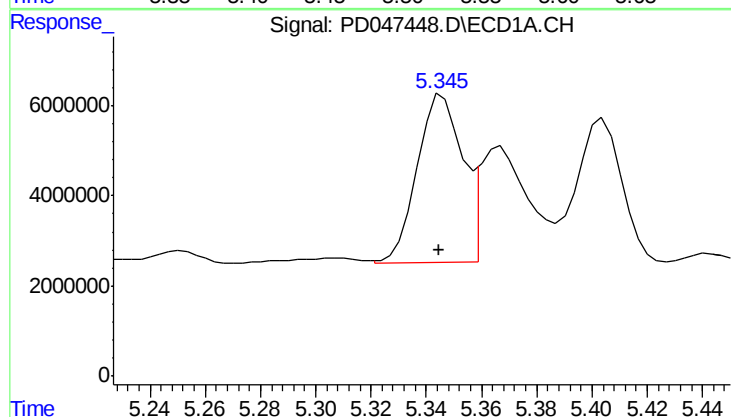
Manual Integrations
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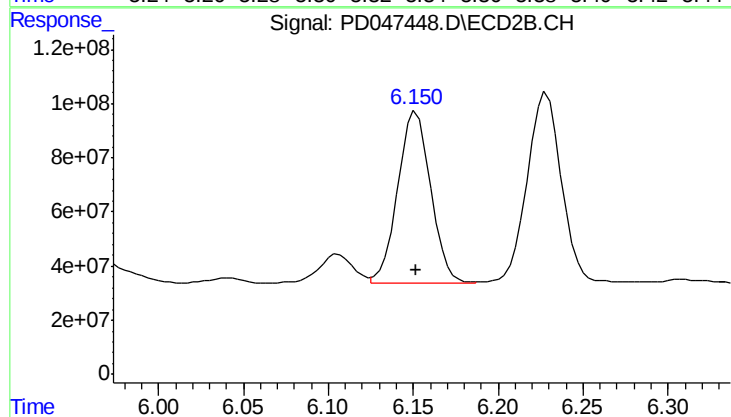
#24 Chlordane-2

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 262511448
Conc: 272.21 ng/ml



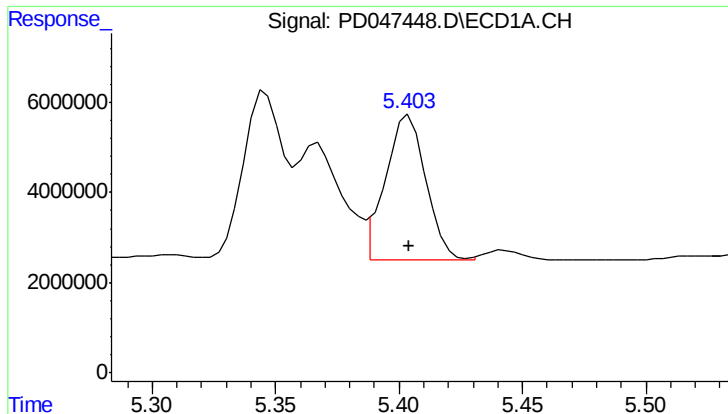
#25 Chlordane-3

R.T.: 5.345 min
Delta R.T.: 0.000 min
Response: 42857496
Conc: 247.90 ng/ml m



#25 Chlordane-3

R.T.: 6.152 min
Delta R.T.: 0.000 min
Response: 854132672
Conc: 261.82 ng/ml



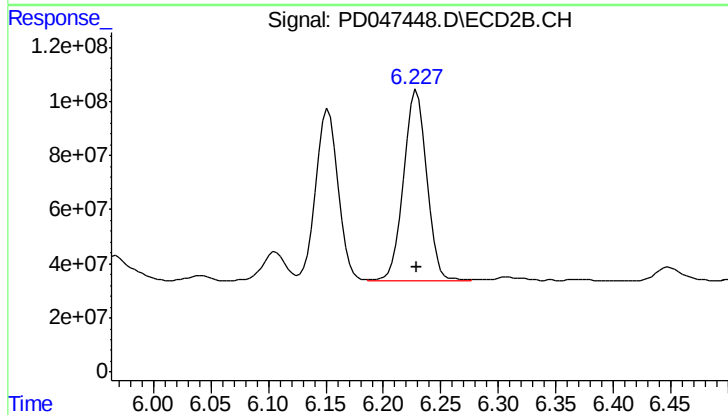
#26 Chlordane-4

R.T.: 5.404 min
Delta R.T.: 0.000 min
Response: 36921626
Conc: 243.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORICC250

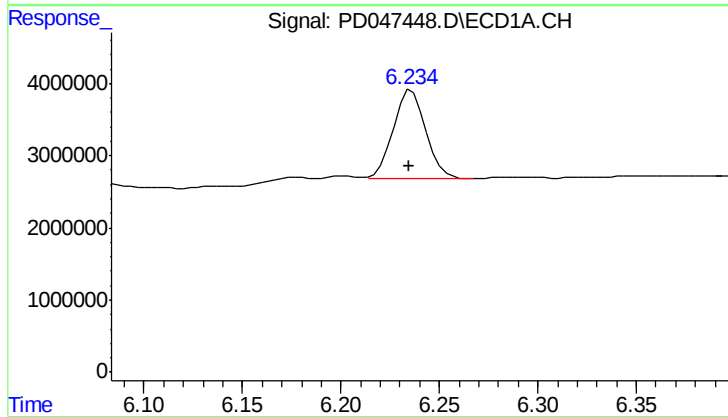
Manual Integrations
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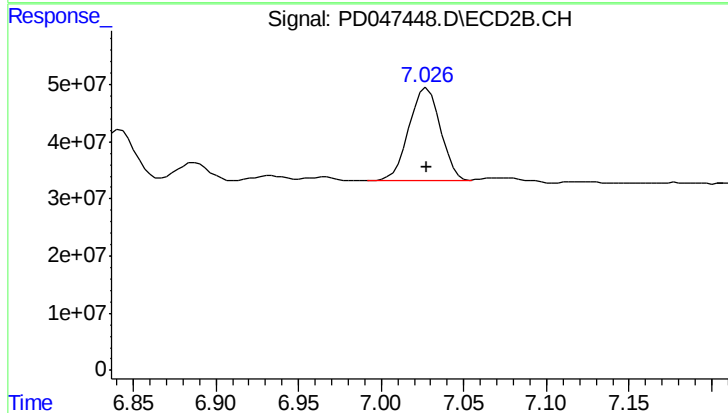
#26 Chlordane-4

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 980292080
Conc: 262.95 ng/ml



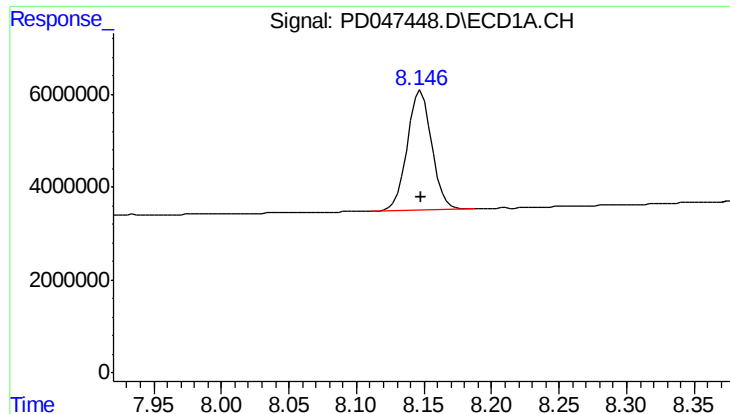
#27 Chlordane-5

R.T.: 6.234 min
Delta R.T.: 0.000 min
Response: 14278917
Conc: 242.51 ng/ml m



#27 Chlordane-5

R.T.: 7.028 min
Delta R.T.: 0.000 min
Response: 212959240
Conc: 260.53 ng/ml



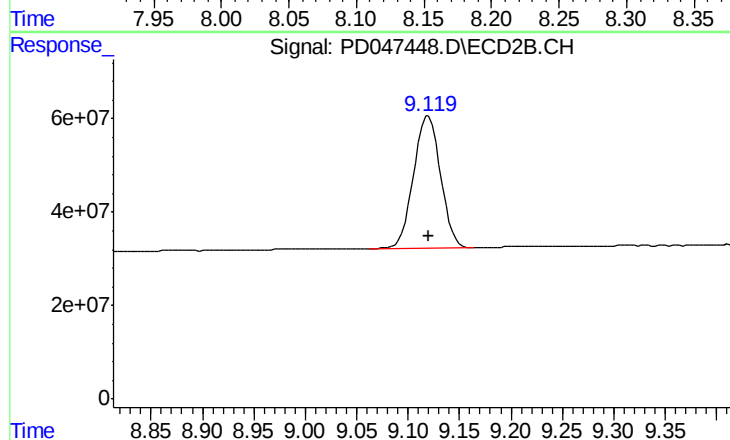
#28 Decachlorobiphenyl

R.T.: 8.148 min
Delta R.T.: 0.000 min
Response: 32338153
Conc: 25.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORICC250

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 9.120 min
Delta R.T.: 0.000 min
Response: 514960420
Conc: 27.11 ng/ml

Data Path : P:\HPCHEM1\ECD D\Data\PD050518\
 Data File : PD047449.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 04 May 2018 22:27
 Operator : UA/AJ
 Sample : PCHLORICC050
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PCHLORICC50

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 23:56:53 2018
 Quant Method : P:\HPCHEM1\ECD_D\Method\PD050518.M
 Quant Title : GC Extractables
 QLast Update : Fri May 04 23:43:40 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.428	4.039	6201761	104.3E6	4.970	5.651m
28)	SA Decachlor...	8.148	9.119	6967594	118.7E6	5.369	5.952
Target Compounds							
23)	Chlordane-1	4.288	5.040	3273454	60276707	57.071	58.183
24)	Chlordane-2	4.784	5.507	2917846	64843466	52.106	62.902
25)	Chlordane-3	5.345	6.151	8040590	192.9E6	47.048m	57.041
26)	Chlordane-4	5.404	6.228	7554494	226.3E6	49.831	58.214
27)	Chlordane-5	6.234	7.027	2891278	45638964	49.071m	54.441m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : P:\HPCHEM1\ECD D\Data\PD050518\
Data File : PD047449.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 04 May 2018 22:27
Operator : UA/AJ
Sample : PCHLORICC050
Misc :
ALS Vial : 18 Sample Multiplier: 1

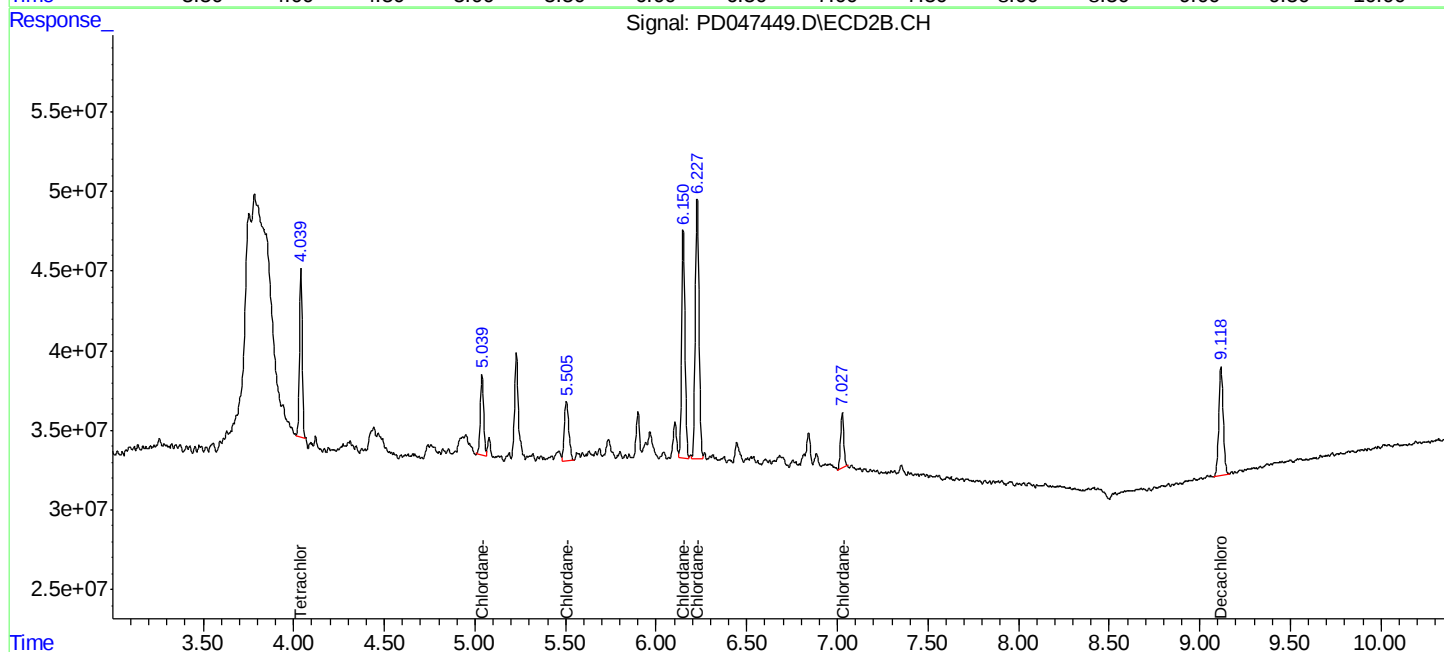
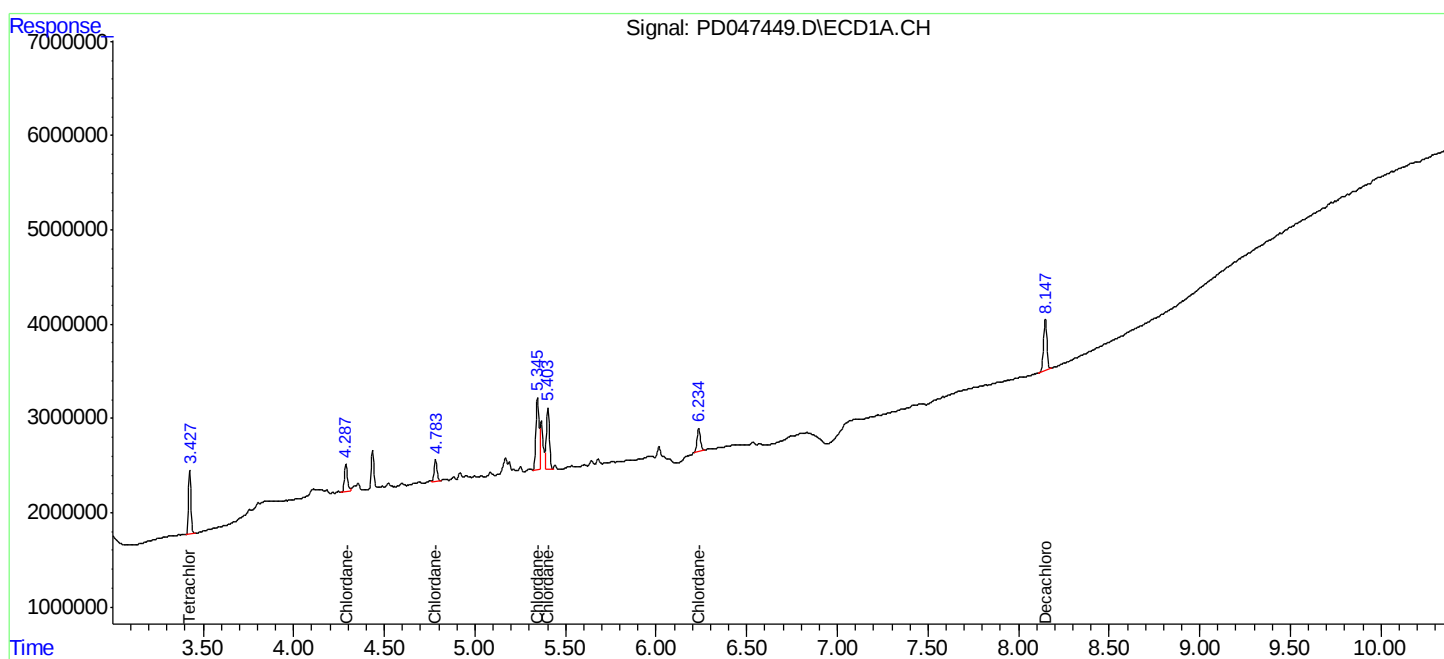
Instrument :
ECD_D
ClientSampled :
PCHLORICC50

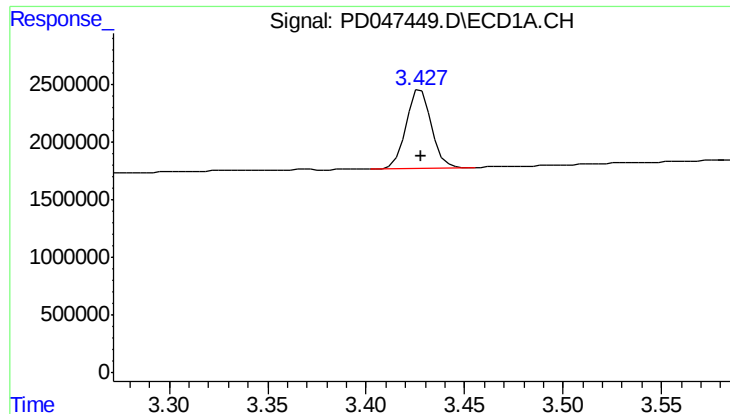
Manual Integrations
APPROVED

UGO
5/7/2018 10:32:43 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 04 23:56:53 2018
Quant Method : P:\HPCHEM1\ECD_D\Method\PD050518.M
Quant Title : GC Extractables
QLast Update : Fri May 04 23:43:40 2018
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Ini. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





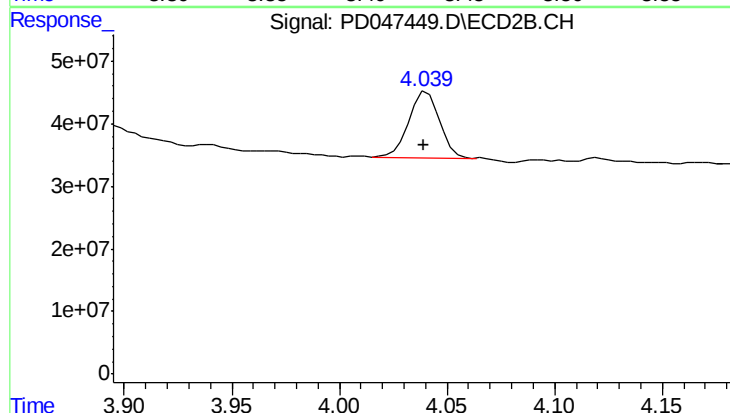
#1 Tetrachloro-m-xylene

R.T.: 3.428 min
Delta R.T.: 0.000 min
Response: 6201761
Conc: 4.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORICC50

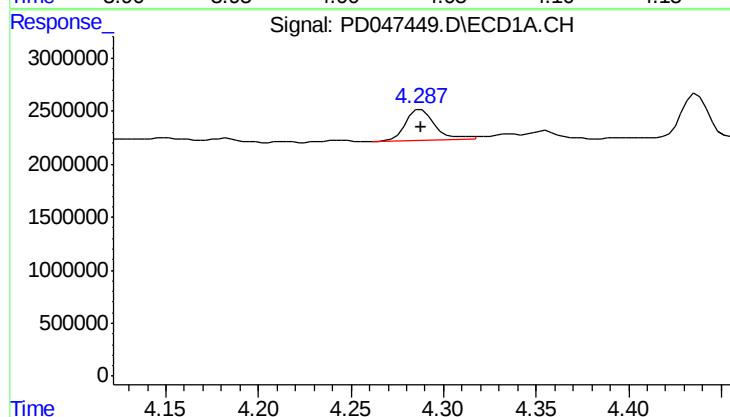
Manual Integrations
APPROVED

UGO
5/7/2018 10:32:43 AM



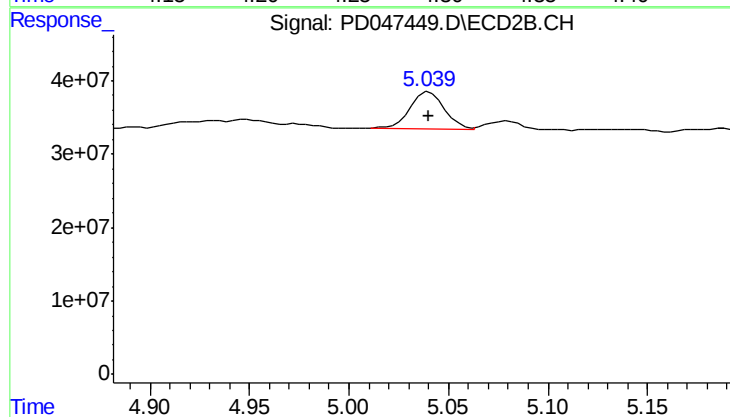
#1 Tetrachloro-m-xylene

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 104296763
Conc: 5.65 ng/ml m



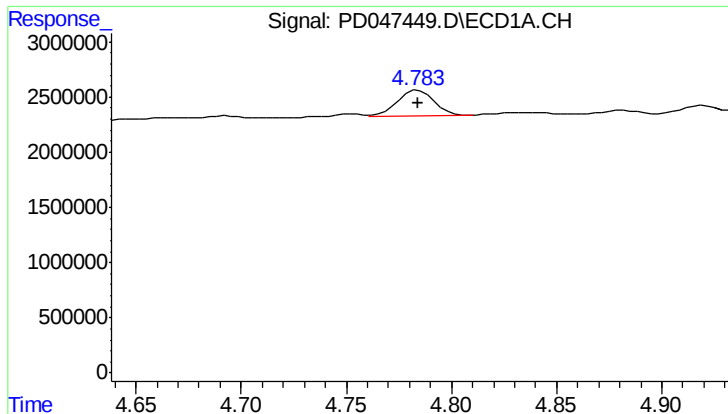
#23 Chlordane-1

R.T.: 4.288 min
Delta R.T.: 0.000 min
Response: 3273454
Conc: 57.07 ng/ml



#23 Chlordane-1

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 60276707
Conc: 58.18 ng/ml



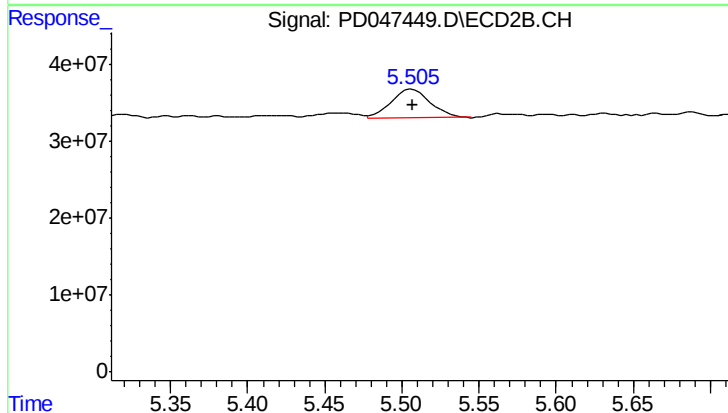
#24 Chlordane-2

R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 2917846
Conc: 52.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORICC50

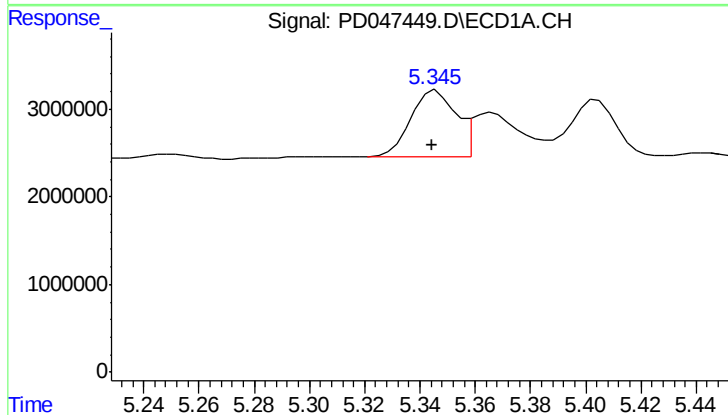
Manual Integrations
APPROVED

UGO
5/7/2018 10:32:43 AM



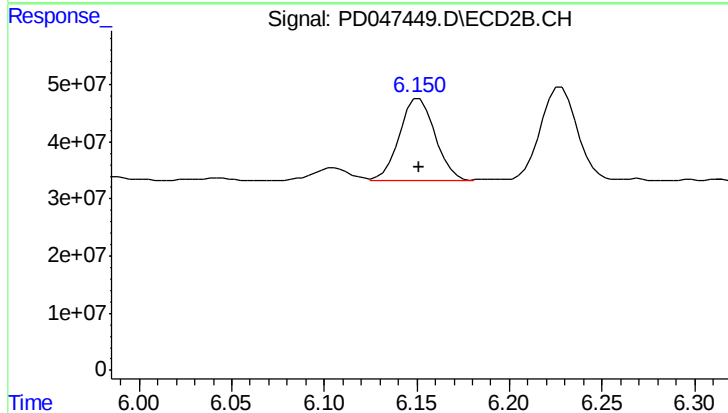
#24 Chlordane-2

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 64843466
Conc: 62.90 ng/ml



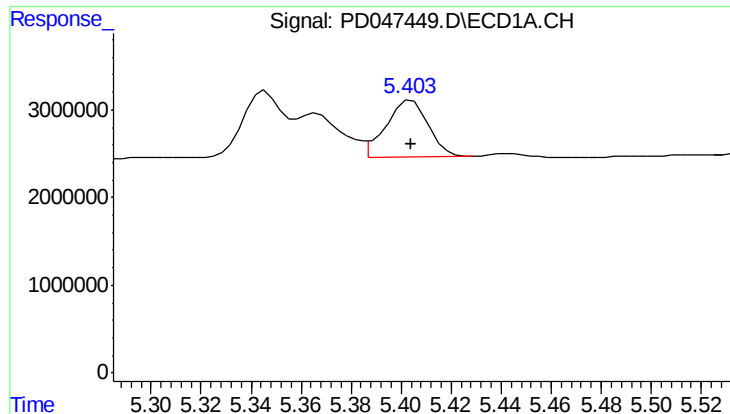
#25 Chlordane-3

R.T.: 5.345 min
Delta R.T.: 0.000 min
Response: 8040590
Conc: 47.05 ng/ml m



#25 Chlordane-3

R.T.: 6.151 min
Delta R.T.: 0.000 min
Response: 192873480
Conc: 57.04 ng/ml



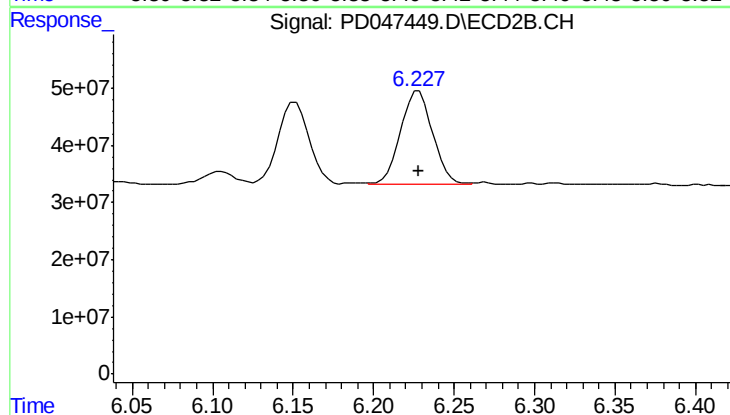
#26 Chlordane-4

R.T.: 5.404 min
Delta R.T.: 0.000 min
Response: 7554494
Conc: 49.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORICC50

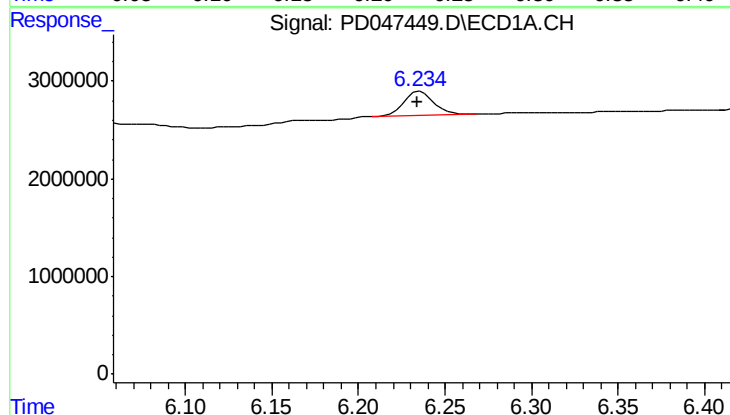
Manual Integrations
APPROVED

UGO
5/7/2018 10:32:43 AM



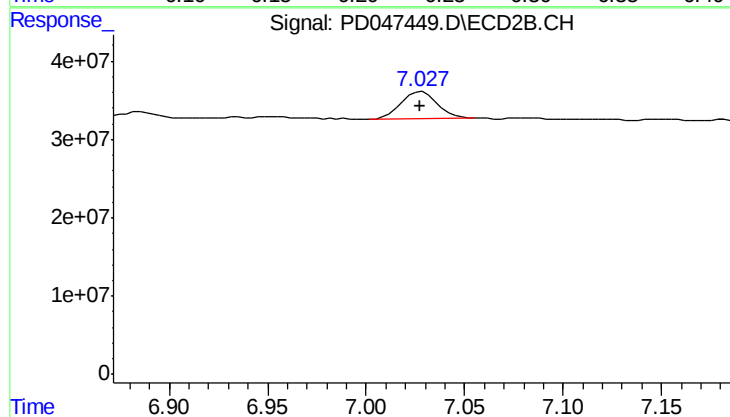
#26 Chlordane-4

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 226325144
Conc: 58.21 ng/ml



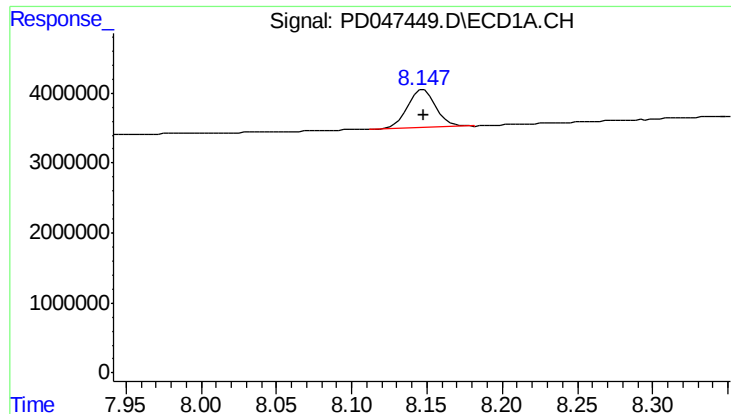
#27 Chlordane-5

R.T.: 6.234 min
Delta R.T.: 0.000 min
Response: 2891278
Conc: 49.07 ng/ml m



#27 Chlordane-5

R.T.: 7.027 min
Delta R.T.: 0.000 min
Response: 45638964
Conc: 54.44 ng/ml m



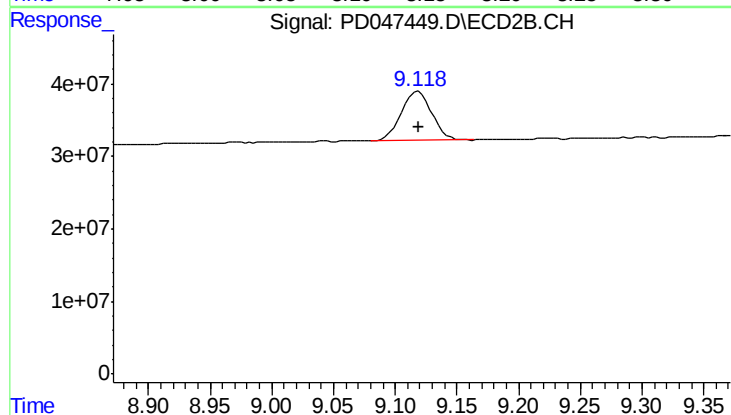
#28 Decachlorobiphenyl

R.T.: 8.148 min
Delta R.T.: 0.000 min
Response: 6967594
Conc: 5.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORICC50

Manual Integrations
APPROVED

UGO
5/7/2018 10:32:43 AM



#28 Decachlorobiphenyl

R.T.: 9.119 min
Delta R.T.: 0.000 min
Response: 118723942
Conc: 5.95 ng/ml

Data Path : P:\HPCHEM1\ECD D\Data\PD050518\
 Data File : PD047452.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 04 May 2018 23:12
 Operator : UA/AJ
 Sample : PCHLORICV500
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ICVPD050518CHLOR

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 23:59:03 2018
 Quant Method : P:\HPCHEM1\ECD_D\Method\PD050518.M
 Quant Title : GC Extractables
 QLast Update : Fri May 04 23:45:47 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.428	4.041	62770831	912.5E6	50.303	49.466
28)	SA Decachlor...	8.147	9.120	64317731	958.1E6	49.557	48.032
Target Compounds							
23)	Chlordane-1	4.288	5.041	27943866	511.3E6	487.189	493.540
24)	Chlordane-2	4.784	5.507	28388623	481.2E6	506.952	466.777
25)	Chlordane-3	5.346	6.152	89323013	1663.3E6	526.542	491.898
26)	Chlordane-4	5.404	6.228	76831494	1904.4E6	506.798	489.854
27)	Chlordane-5	6.236	7.028	30150579	418.4E6	514.000	500.208

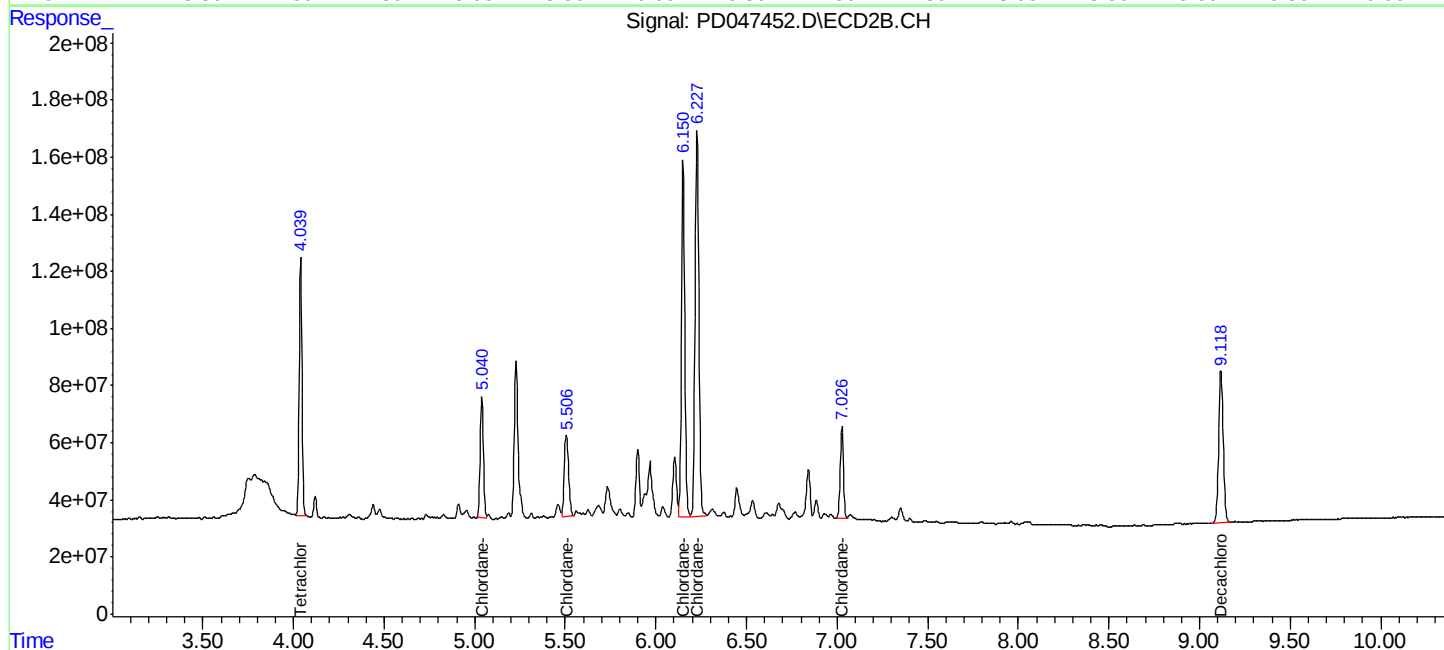
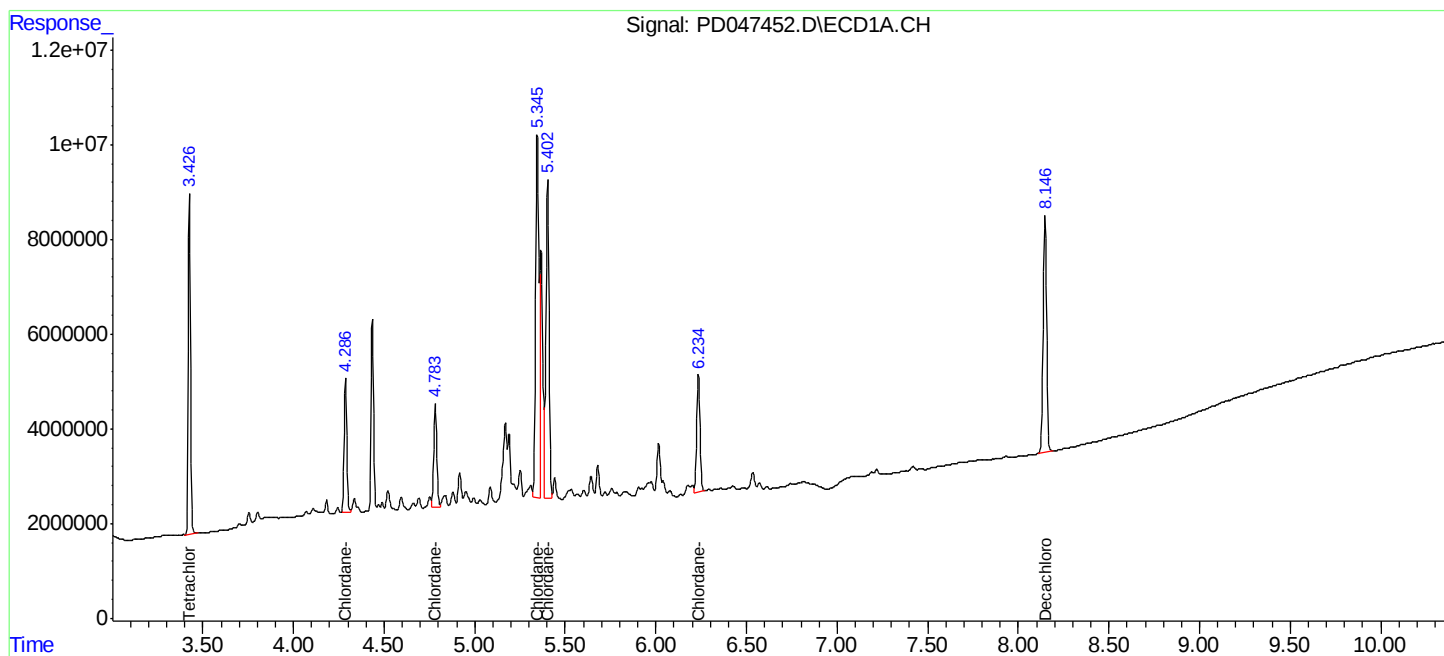
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

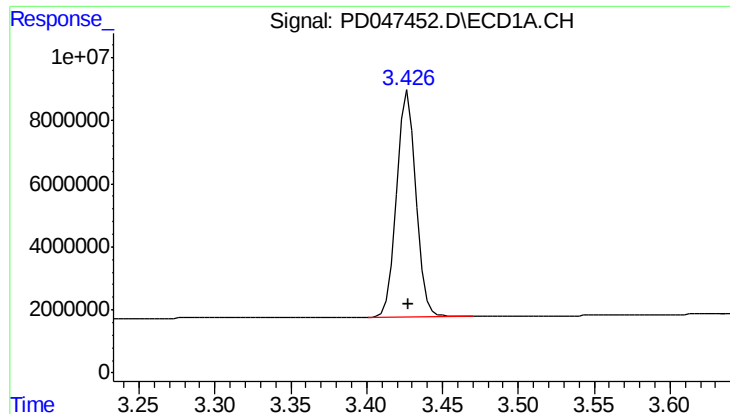
Data Path : P:\HPCHEM1\ECD D\Data\PD050518\
Data File : PD047452.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 04 May 2018 23:12
Operator : UA/AJ
Sample : PCHLORICV500
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ICVPD050518CHLOR

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 04 23:59:03 2018
Quant Method : P:\HPCHEM1\ECD_D\Method\PD050518.M
Quant Title : GC Extractables
QLast Update : Fri May 04 23:45:47 2018
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Ini. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

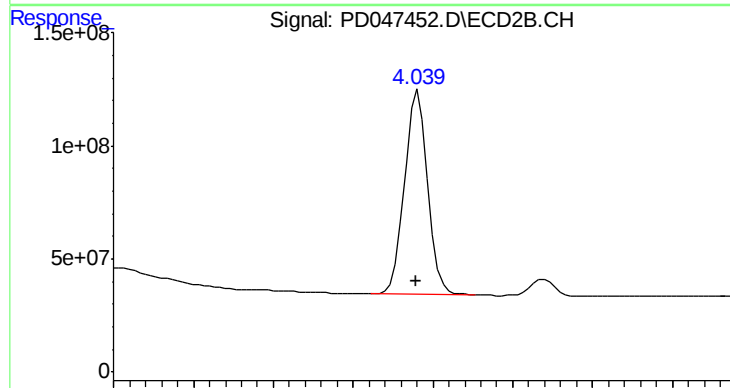




#1 Tetrachloro-m-xylene

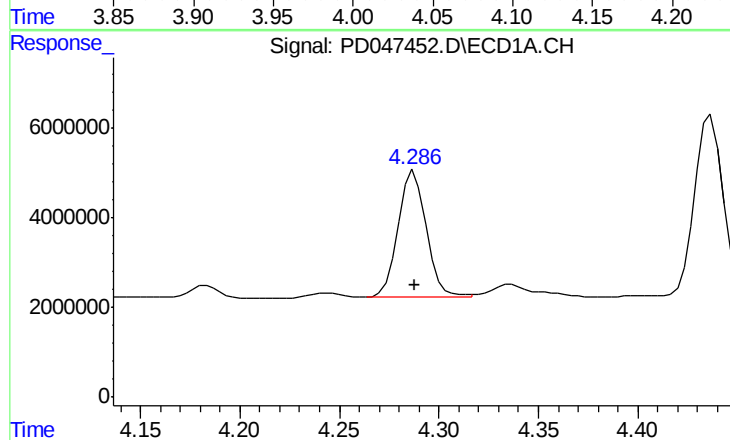
R.T.: 3.428 min
Delta R.T.: 0.000 min
Response: 62770831
Conc: 50.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD050518CHLOR



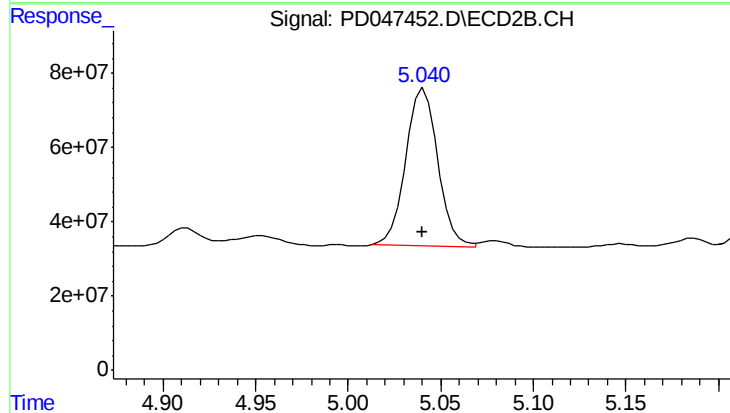
#1 Tetrachloro-m-xylene

R.T.: 4.041 min
Delta R.T.: 0.002 min
Response: 912547645
Conc: 49.47 ng/ml



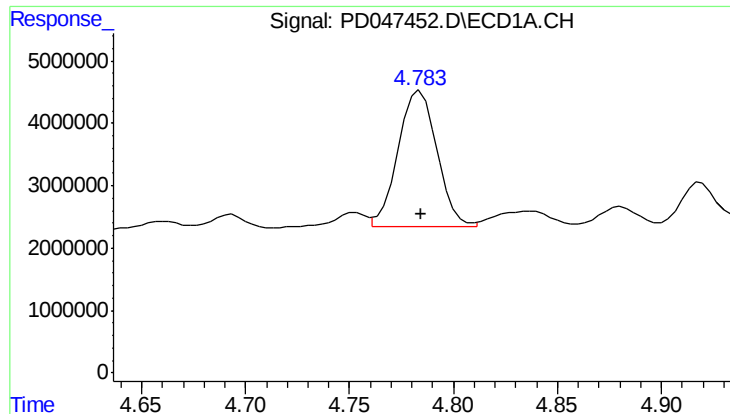
#23 Chlordane-1

R.T.: 4.288 min
Delta R.T.: 0.000 min
Response: 27943866
Conc: 487.19 ng/ml



#23 Chlordane-1

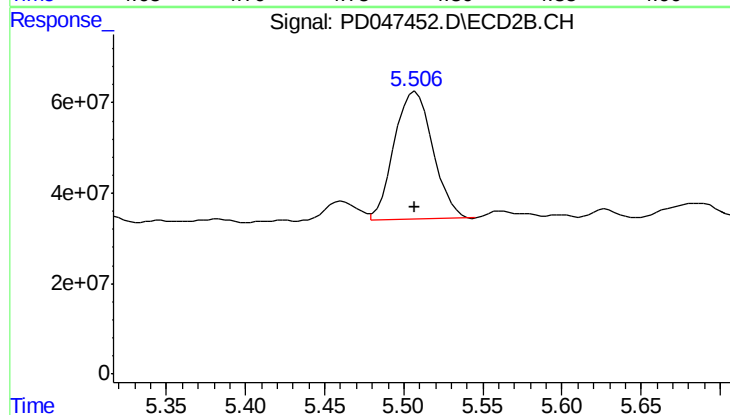
R.T.: 5.041 min
Delta R.T.: 0.000 min
Response: 511303527
Conc: 493.54 ng/ml



#24 Chlordane-2

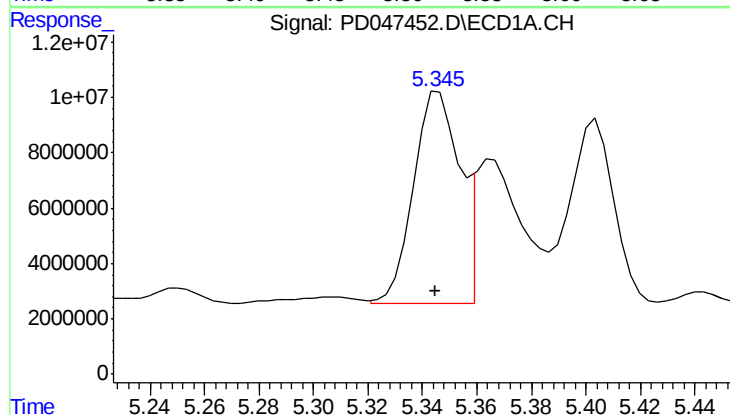
R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 28388623
Conc: 506.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD050518CHLOR



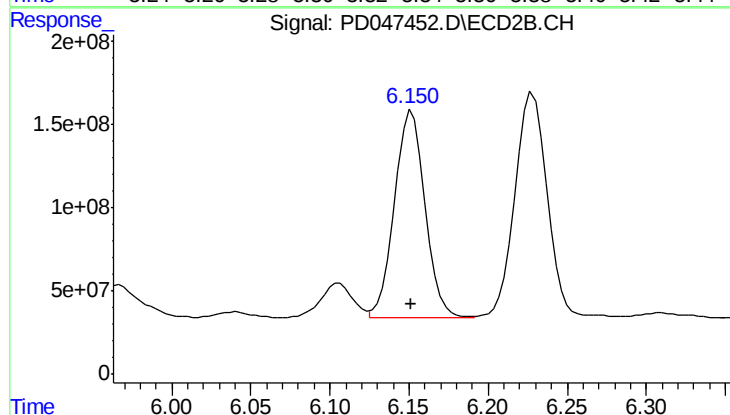
#24 Chlordane-2

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 481182521
Conc: 466.78 ng/ml



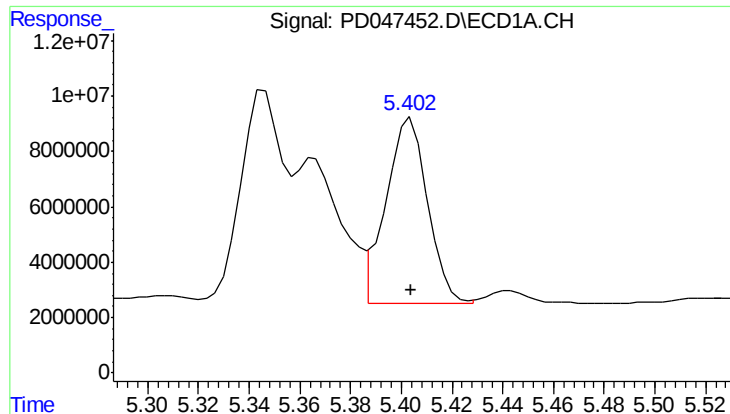
#25 Chlordane-3

R.T.: 5.346 min
Delta R.T.: 0.002 min
Response: 89323013
Conc: 526.54 ng/ml



#25 Chlordane-3

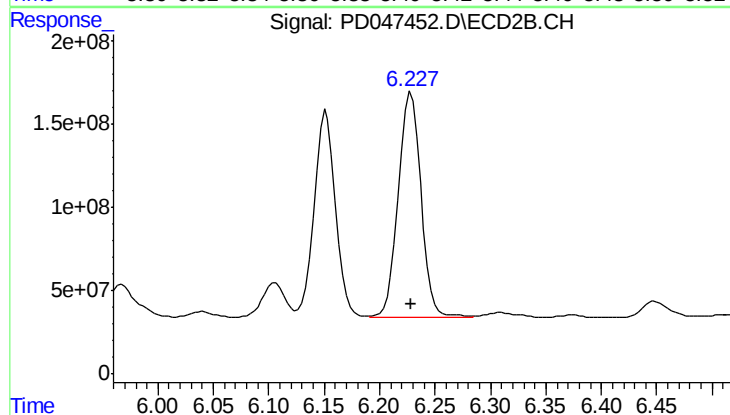
R.T.: 6.152 min
Delta R.T.: 0.000 min
Response: 1663257242
Conc: 491.90 ng/ml



#26 Chlordane-4

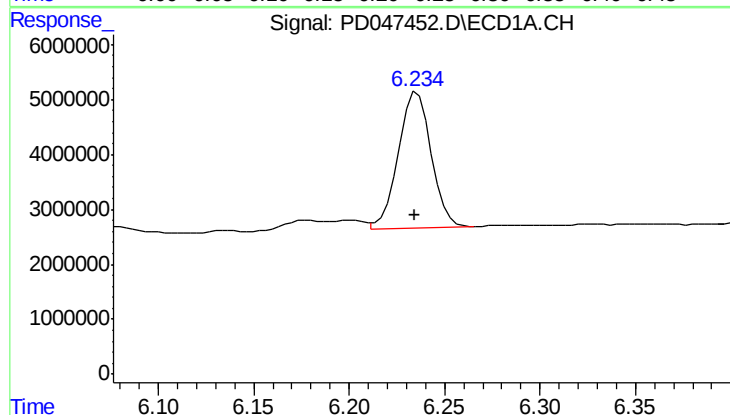
R.T.: 5.404 min
Delta R.T.: 0.000 min
Response: 76831494
Conc: 506.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD050518CHLOR



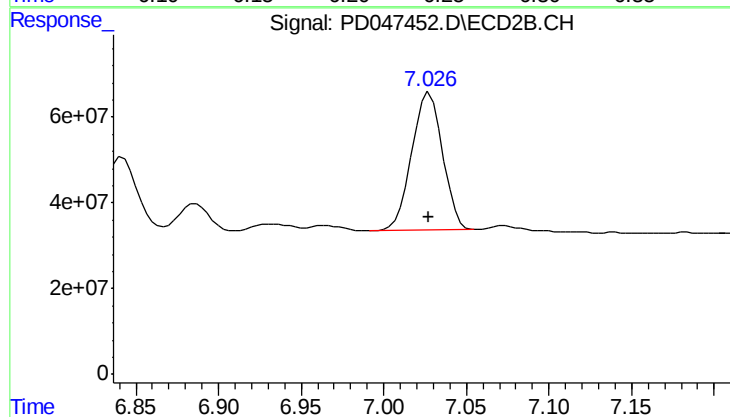
#26 Chlordane-4

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 1904448734
Conc: 489.85 ng/ml



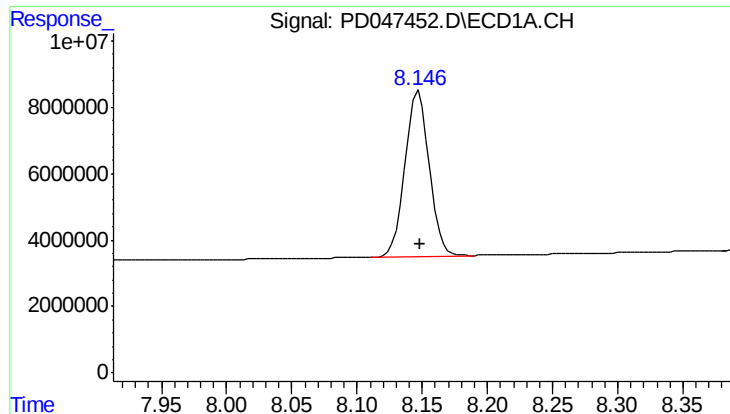
#27 Chlordane-5

R.T.: 6.236 min
Delta R.T.: 0.001 min
Response: 30150579
Conc: 514.00 ng/ml



#27 Chlordane-5

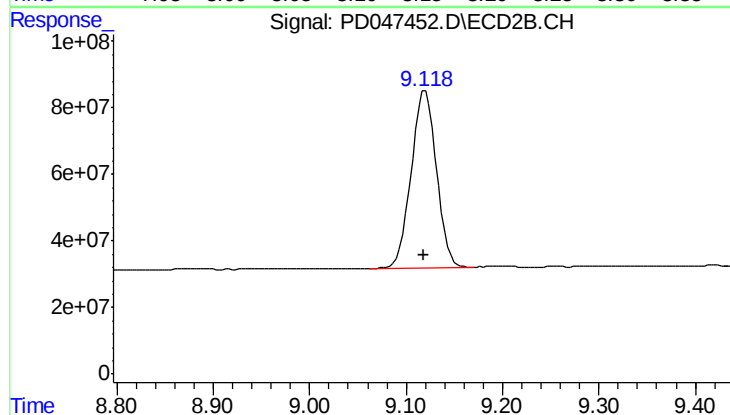
R.T.: 7.028 min
Delta R.T.: 0.000 min
Response: 418412149
Conc: 500.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.147 min
Delta R.T.: 0.000 min
Response: 64317731
Conc: 49.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD050518CHLOR



#28 Decachlorobiphenyl

R.T.: 9.120 min
Delta R.T.: 0.000 min
Response: 958125518
Conc: 48.03 ng/ml