

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051424\
 Data File : PD082807.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2024 17:38
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/15/2024
 Supervised By :Ankita Jodhani 05/15/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 22:19:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051324.M
 Quant Title : GC Extractables
 QLast Update : Mon May 13 15:39:20 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.564	2.775	79674375	207.4E6	51.463	52.322
28)	SA Decachlor...	9.120	7.905	101.0E6	203.3E6	50.587	52.587
Target Compounds							
2)	A alpha-BHC	4.020	3.275	142.5E6	333.1E6	52.037m	53.401
3)	MA gamma-BHC...	4.356	3.603	139.8E6	319.1E6	52.893	53.992
4)	MA Heptachlor	4.948	3.943	135.4E6	299.0E6	53.699	54.013
5)	MB Aldrin	5.292	4.222	136.4E6	307.3E6	52.934	53.923
6)	B beta-BHC	4.552	3.899	54950166	126.2E6	52.467	52.853
7)	B delta-BHC	4.801	4.129	139.7E6	315.7E6	56.230	54.533
8)	B Heptachlo...	5.719	4.723	124.7E6	270.2E6	53.469	53.632
9)	A Endosulfan I	6.107	5.092	111.8E6	244.2E6	51.759	52.939
10)	B gamma-Chl...	5.976	4.973	118.6E6	267.7E6	52.350	53.557
11)	B alpha-Chl...	6.056	5.037	117.4E6	265.0E6	51.875	53.369
12)	B 4,4'-DDE	6.228	5.225	113.7E6	252.1E6	51.959	54.010
13)	MA Dieldrin	6.383	5.356	116.9E6	271.7E6	52.280	54.068
14)	MA Endrin	6.614	5.631	98821046	234.3E6	52.522	53.572
15)	B Endosulfa...	6.833	5.925	100.0E6	221.5E6	50.144	53.032
16)	A 4,4'-DDD	6.747	5.779	85073183	204.6E6	53.185	54.391
17)	MA 4,4'-DDT	7.062	6.029	89289584	209.0E6	52.894	54.493
18)	B Endrin al...	6.963	6.104	76839660	174.1E6	54.880	55.751
19)	B Endosulfa...	7.198	6.327	92472842	213.2E6	52.409	53.466
20)	A Methoxychlor	7.538	6.604	48252058	110.6E6	52.639	54.425
21)	B Endrin ke...	7.685	6.833	101.4E6	245.3E6	52.754	53.968
22)	Mirex	8.162	7.013	76876117	188.7E6	50.156	52.812

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051424\
Data File : PD082807.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 May 2024 17:38
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

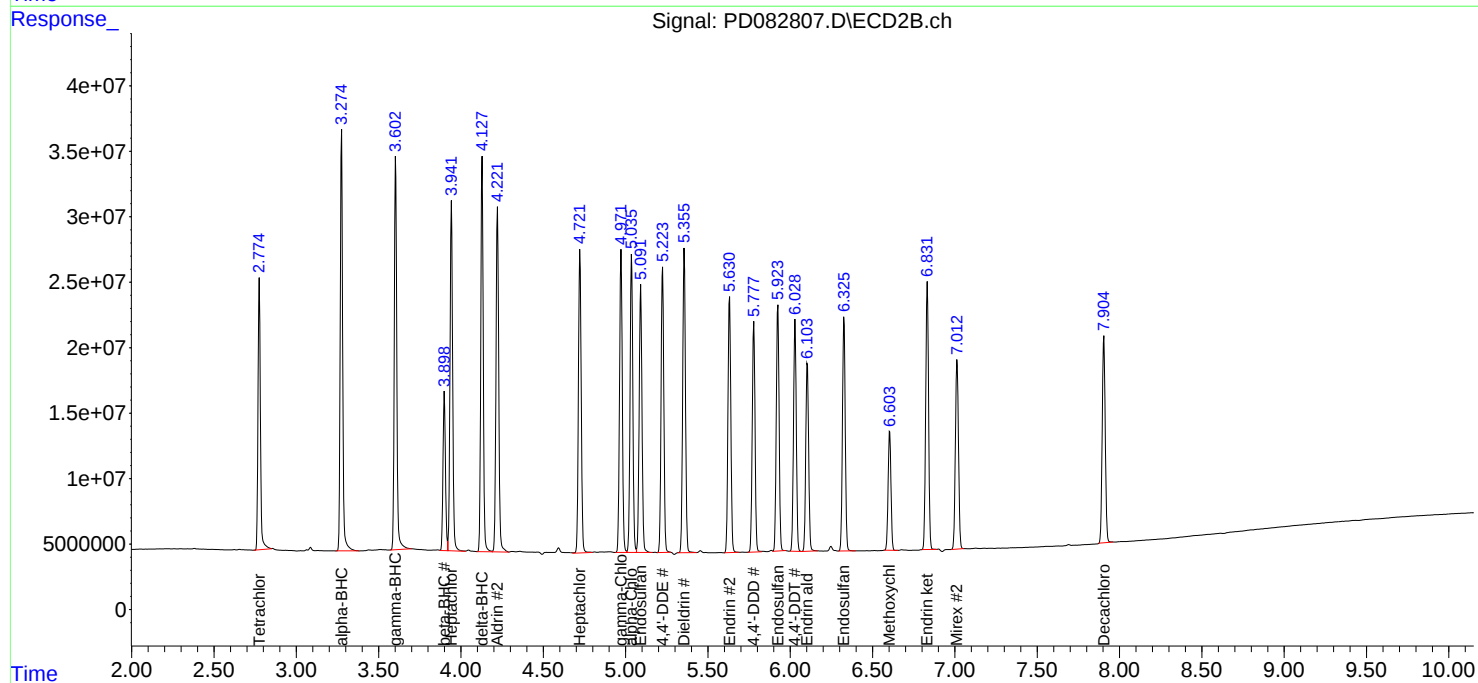
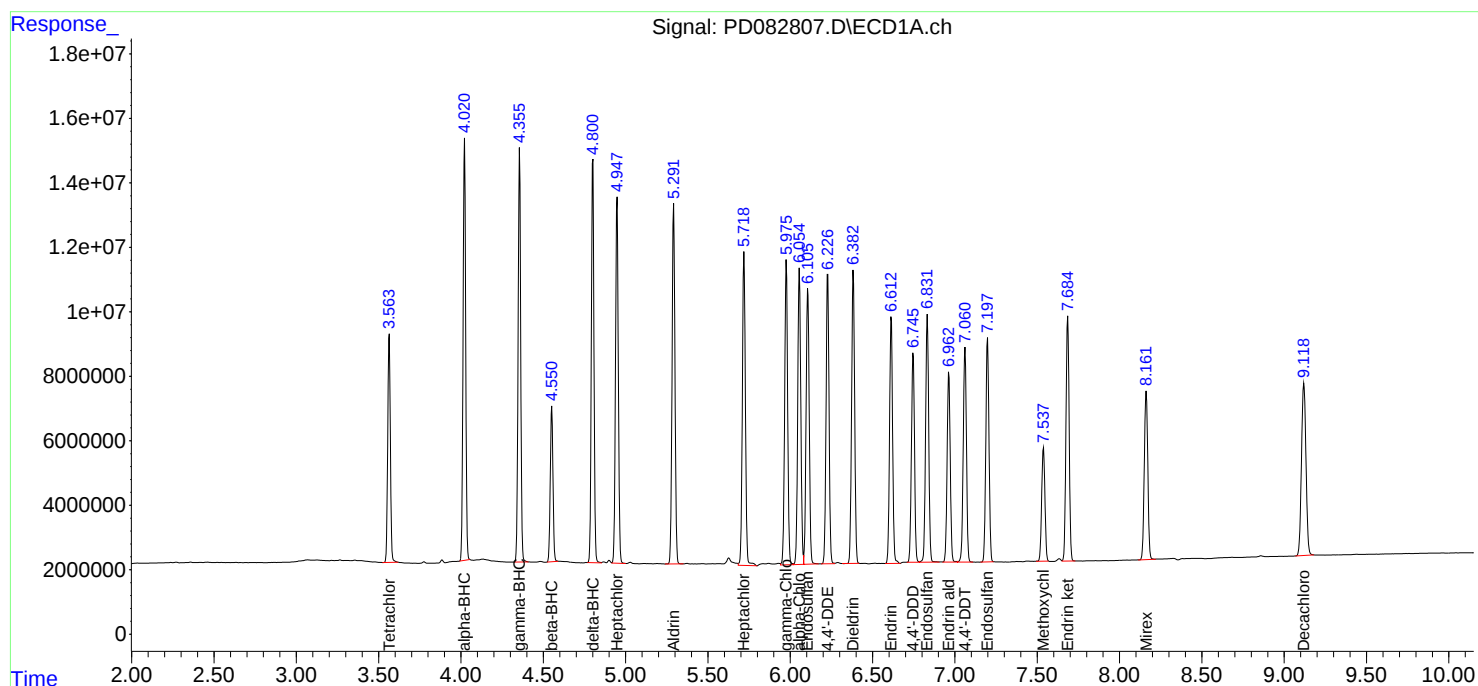
APPROVED

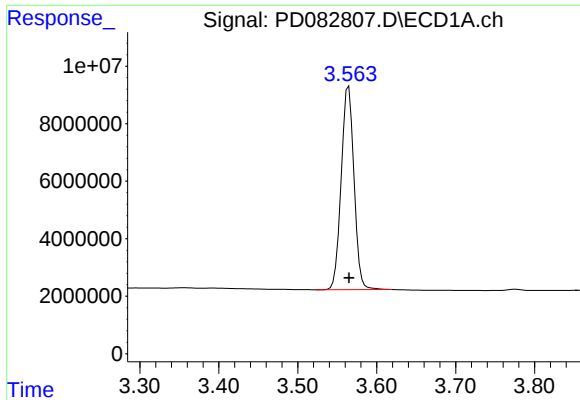
Reviewed By :Abdul Mirza 05/15/2024

Supervised By :Ankita Jodhani 05/15/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 14 22:19:41 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051324.M
Quant Title : GC Extractables
QLast Update : Mon May 13 15:39:20 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





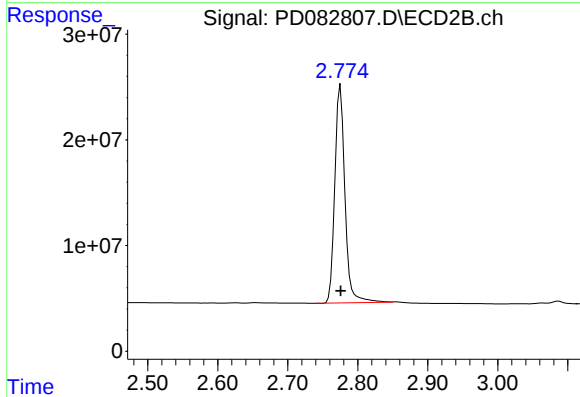
#1 Tetrachloro-m-xylene

R.T.: 3.564 min
Delta R.T.: 0.000 min
Response: 79674375
Conc: 51.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

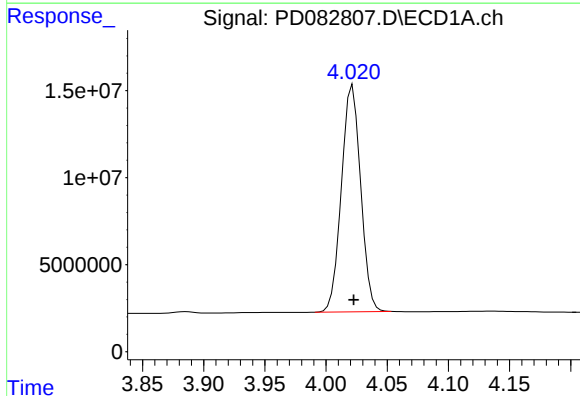
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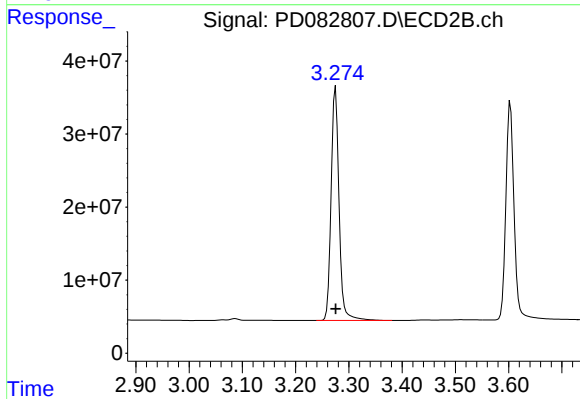
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: 0.000 min
Response: 207366237
Conc: 52.32 ng/ml



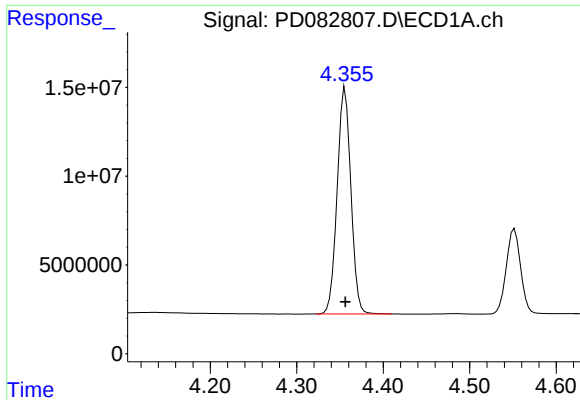
#2 alpha-BHC

R.T.: 4.020 min
Delta R.T.: -0.002 min
Response: 142537457
Conc: 52.04 ng/ml m



#2 alpha-BHC

R.T.: 3.275 min
Delta R.T.: 0.000 min
Response: 333116117
Conc: 53.40 ng/ml



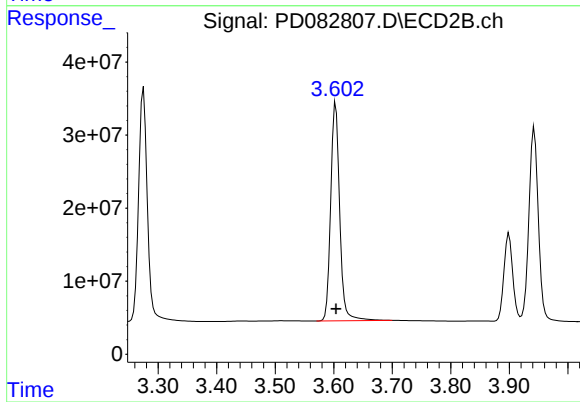
#3 gamma-BHC (Lindane)

R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 139806695
Conc: 52.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

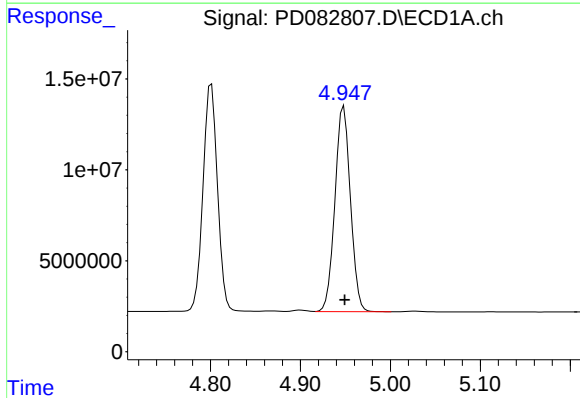
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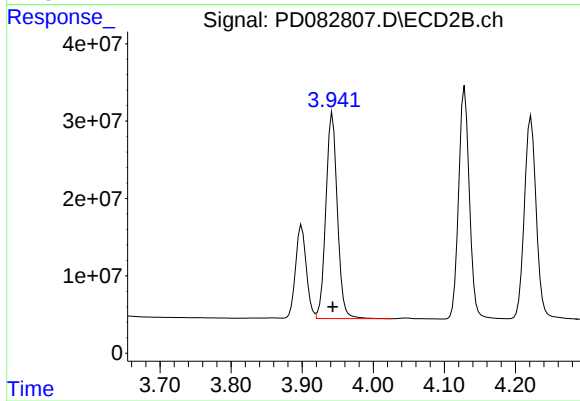
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: 0.000 min
Response: 319097701
Conc: 53.99 ng/ml



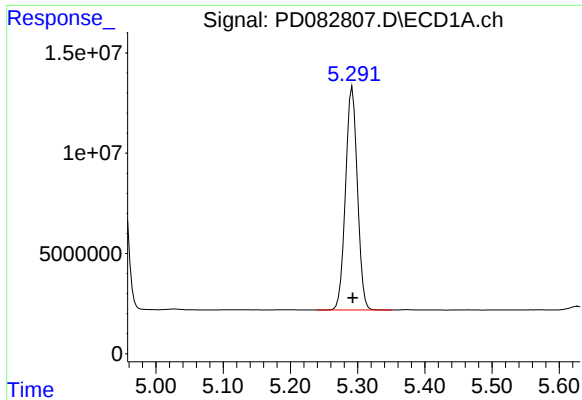
#4 Heptachlor

R.T.: 4.948 min
Delta R.T.: -0.001 min
Response: 135432982
Conc: 53.70 ng/ml



#4 Heptachlor

R.T.: 3.943 min
Delta R.T.: 0.000 min
Response: 298977360
Conc: 54.01 ng/ml



#5 Aldrin

R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 136405169
Conc: 52.93 ng/ml

Instrument :

ECD_D

ClientSampleId :

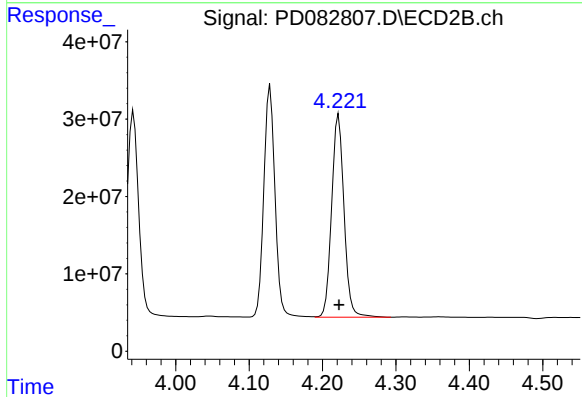
PSTDCCC050

Manual Integrations

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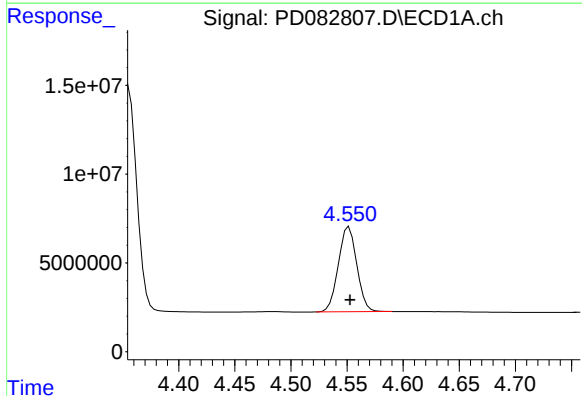
Reviewed By :Abdul Mirza 05/15/2024

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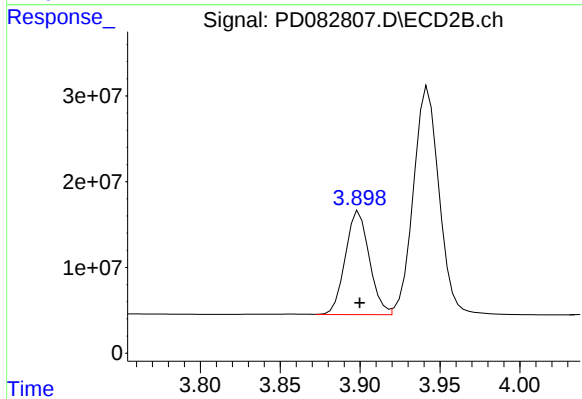
#5 Aldrin

R.T.: 4.222 min
Delta R.T.: 0.000 min
Response: 307283194
Conc: 53.92 ng/ml



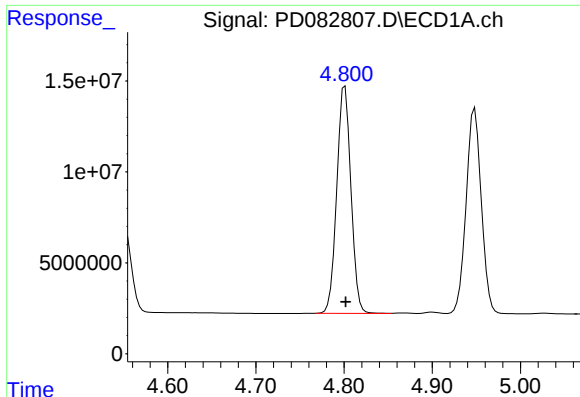
#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 54950166
Conc: 52.47 ng/ml



#6 beta-BHC

R.T.: 3.899 min
Delta R.T.: 0.000 min
Response: 126217285
Conc: 52.85 ng/ml



#7 delta-BHC

R.T.: 4.801 min
Delta R.T.: -0.001 min
Response: 139716698
Conc: 56.23 ng/ml

Instrument :

ECD_D

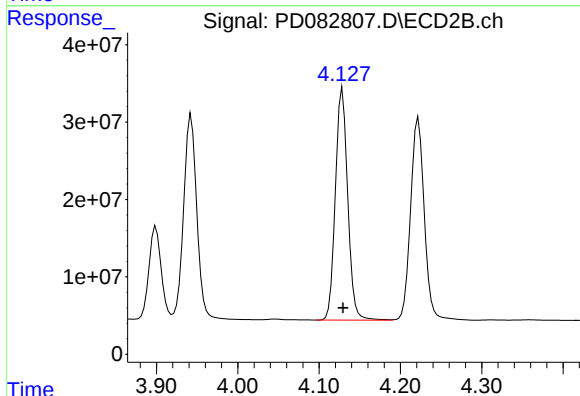
ClientSampleId :

PSTDCCC050

Manual Integrations

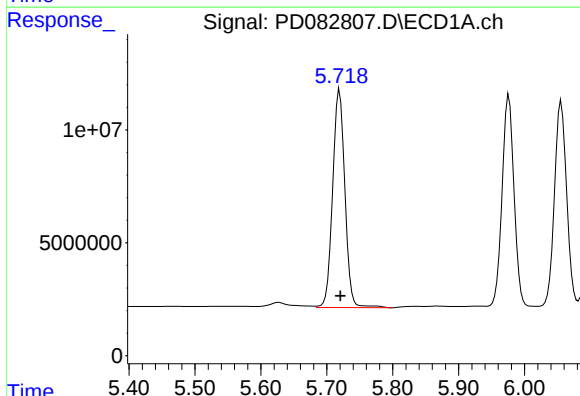
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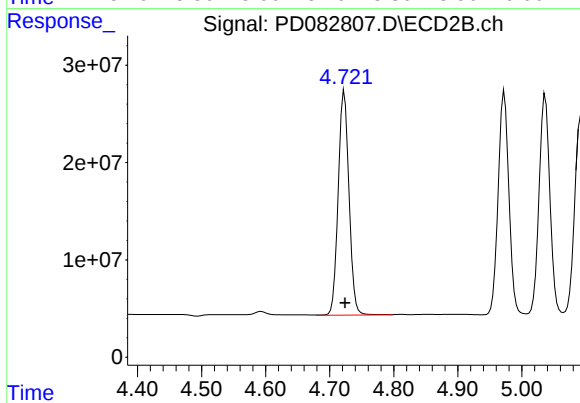
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 315654538
Conc: 54.53 ng/ml



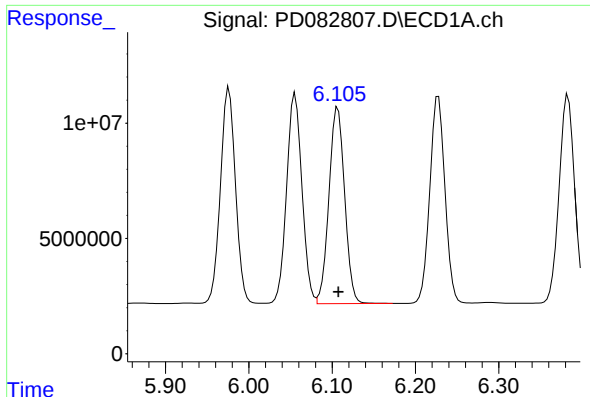
#8 Heptachlor epoxide

R.T.: 5.719 min
Delta R.T.: -0.001 min
Response: 124717167
Conc: 53.47 ng/ml



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 270174347
Conc: 53.63 ng/ml



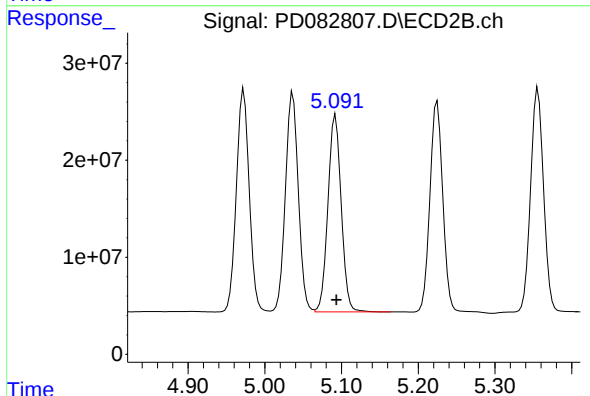
#9 Endosulfan I

R.T.: 6.107 min
Delta R.T.: 0.000 min
Response: 111767829
Conc: 51.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

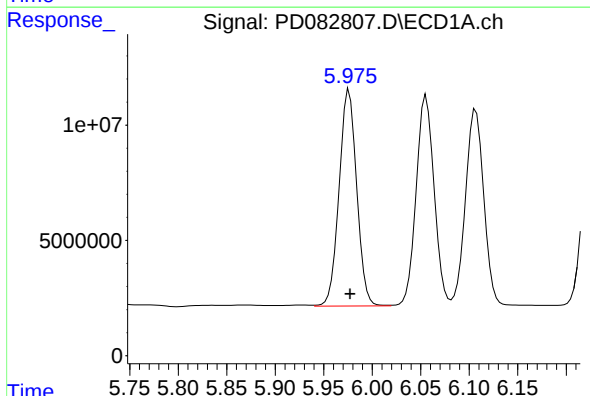
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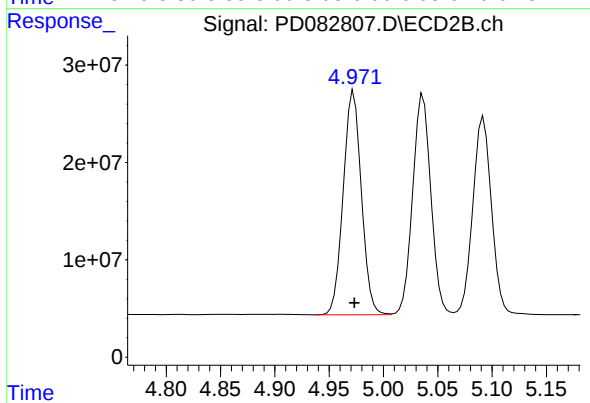
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: -0.001 min
Response: 244181427
Conc: 52.94 ng/ml



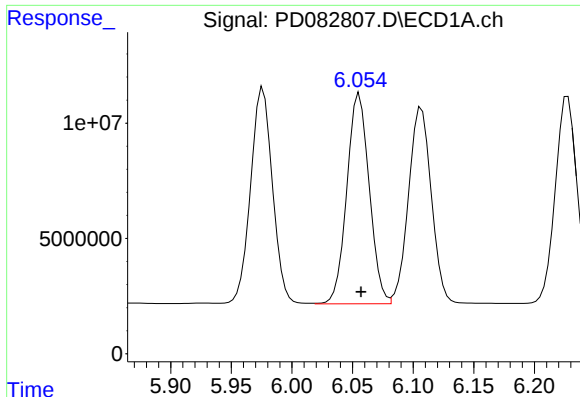
#10 gamma-Chlordane

R.T.: 5.976 min
Delta R.T.: -0.001 min
Response: 118567631
Conc: 52.35 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 267720863
Conc: 53.56 ng/ml



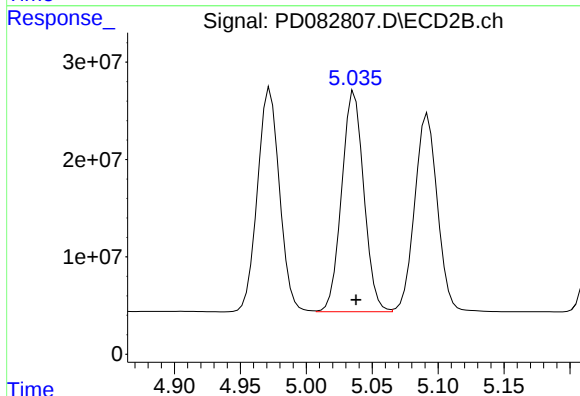
#11 alpha-Chlordane

R.T.: 6.056 min
Delta R.T.: -0.001 min
Response: 117356282
Conc: 51.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

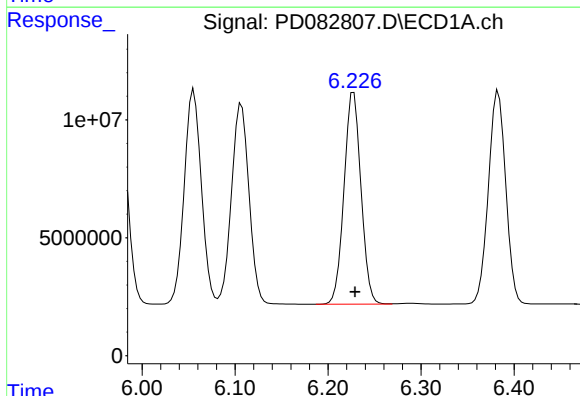
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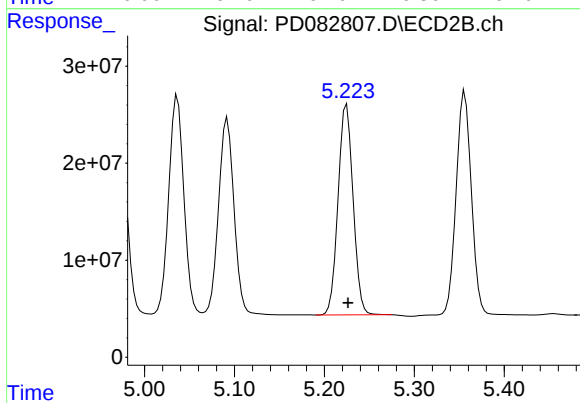
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: -0.001 min
Response: 265034588
Conc: 53.37 ng/ml



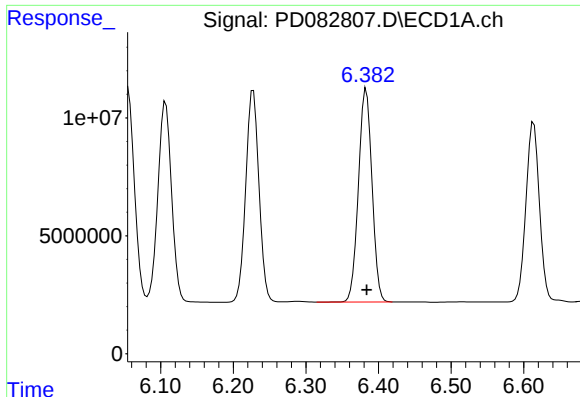
#12 4,4'-DDE

R.T.: 6.228 min
Delta R.T.: -0.002 min
Response: 113679316
Conc: 51.96 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: -0.001 min
Response: 252113459
Conc: 54.01 ng/ml



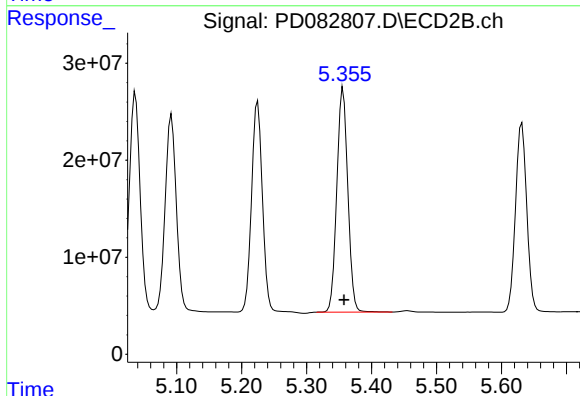
#13 Dieldrin

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 116916139
Conc: 52.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

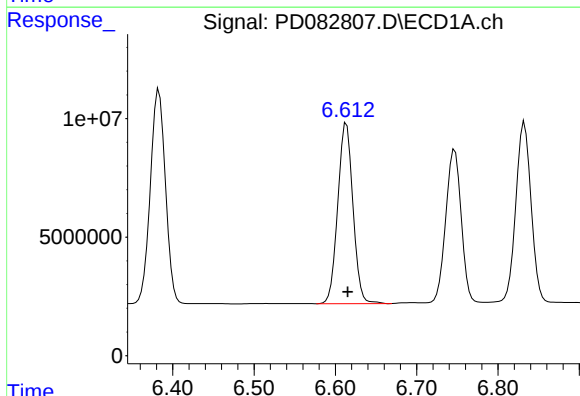
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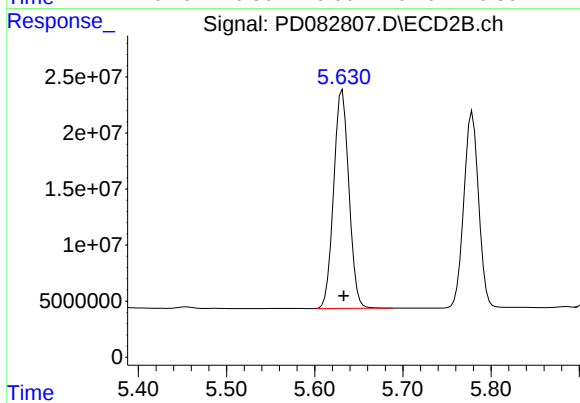
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: -0.002 min
Response: 271744594
Conc: 54.07 ng/ml



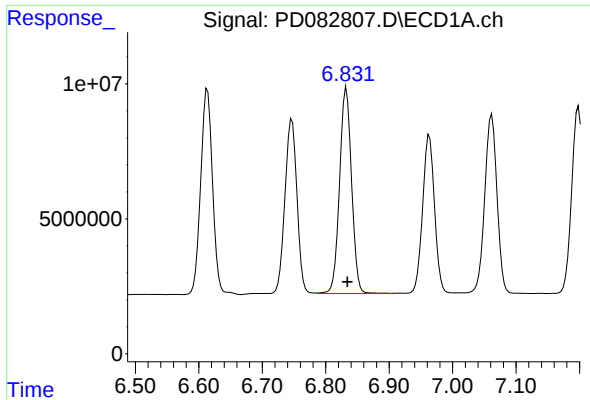
#14 Endrin

R.T.: 6.614 min
Delta R.T.: -0.002 min
Response: 98821046
Conc: 52.52 ng/ml



#14 Endrin

R.T.: 5.631 min
Delta R.T.: -0.002 min
Response: 234261225
Conc: 53.57 ng/ml



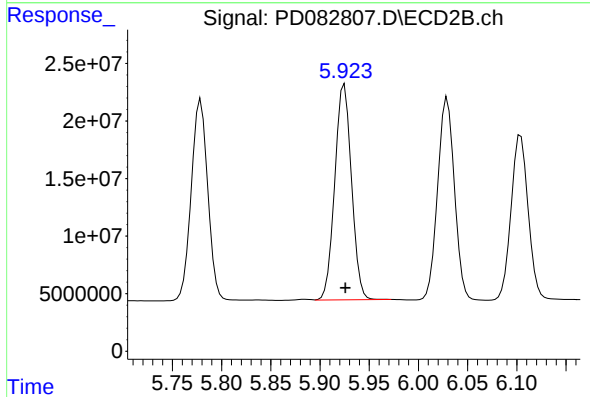
#15 Endosulfan II

R.T.: 6.833 min
Delta R.T.: -0.001 min
Response: 100043444
Conc: 50.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

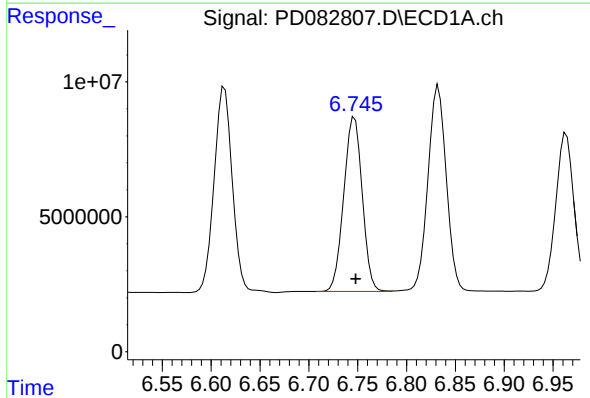
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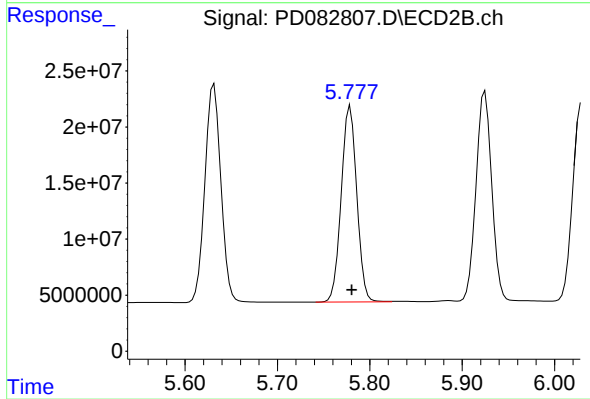
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: -0.001 min
Response: 221460922
Conc: 53.03 ng/ml



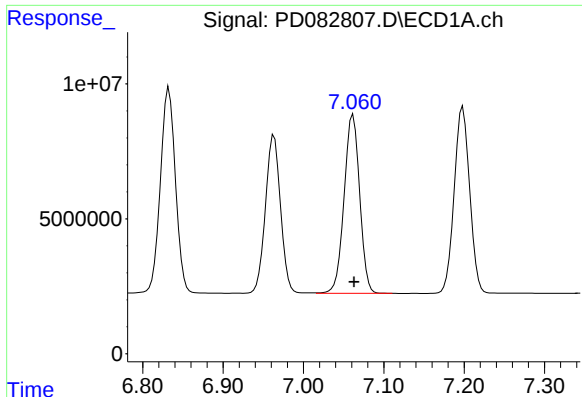
#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: -0.001 min
Response: 85073183
Conc: 53.18 ng/ml



#16 4,4'-DDD

R.T.: 5.779 min
Delta R.T.: -0.001 min
Response: 204625245
Conc: 54.39 ng/ml



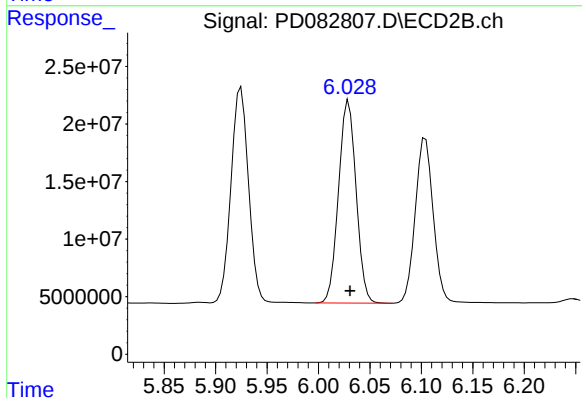
#17 4,4'-DDT

R.T.: 7.062 min
Delta R.T.: -0.001 min
Response: 89289584
Conc: 52.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

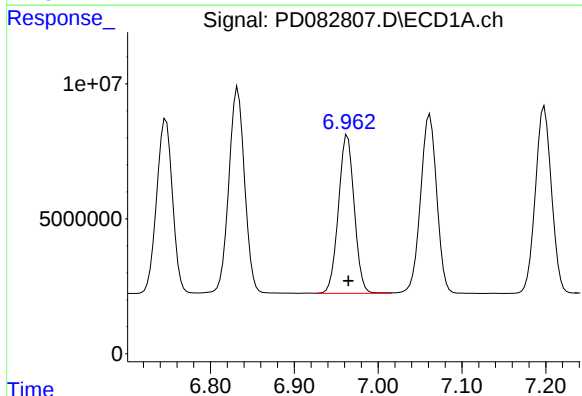
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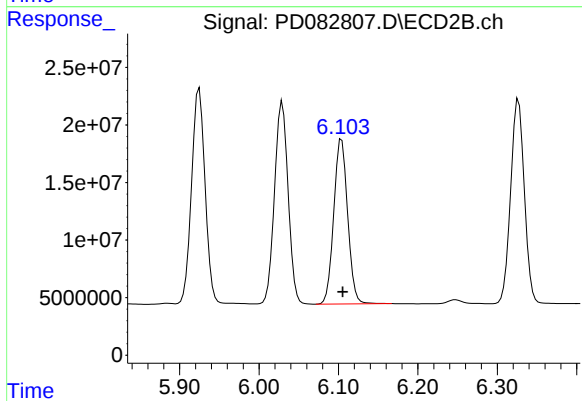
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: -0.002 min
Response: 208962305
Conc: 54.49 ng/ml



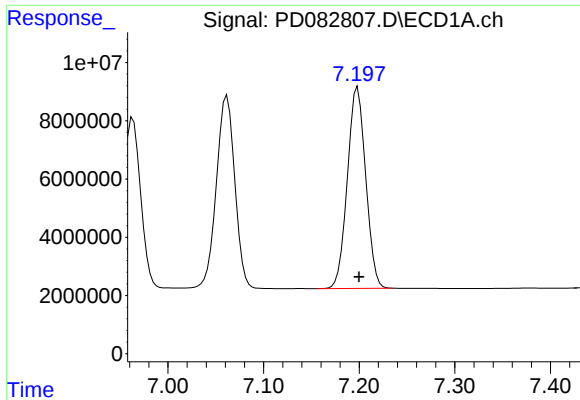
#18 Endrin aldehyde

R.T.: 6.963 min
Delta R.T.: -0.001 min
Response: 76839660
Conc: 54.88 ng/ml



#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: -0.002 min
Response: 174053845
Conc: 55.75 ng/ml



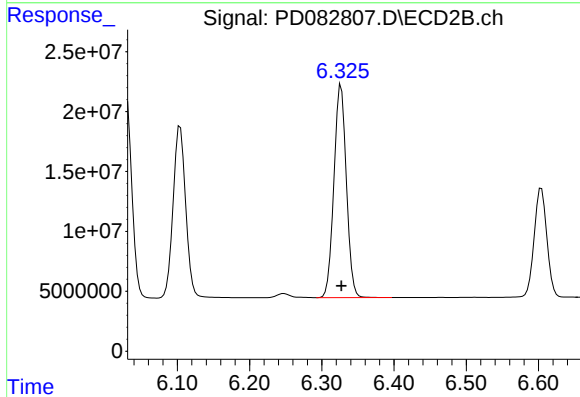
#19 Endosulfan Sulfate

R.T.: 7.198 min
Delta R.T.: -0.002 min
Response: 92472842
Conc: 52.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

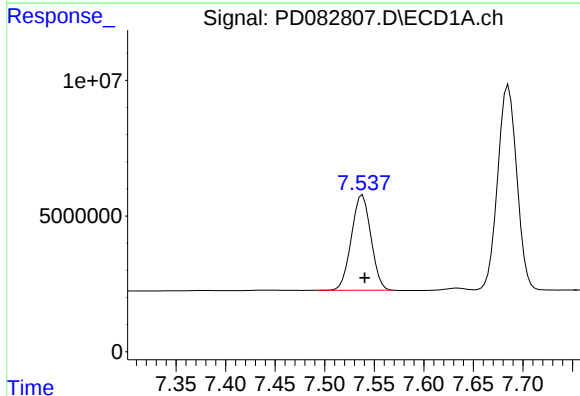
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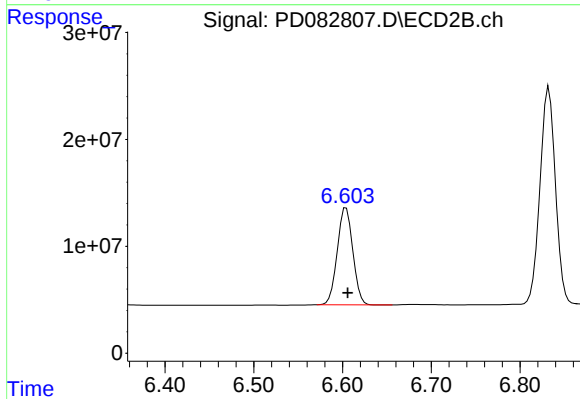
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: 0.000 min
Response: 213186063
Conc: 53.47 ng/ml



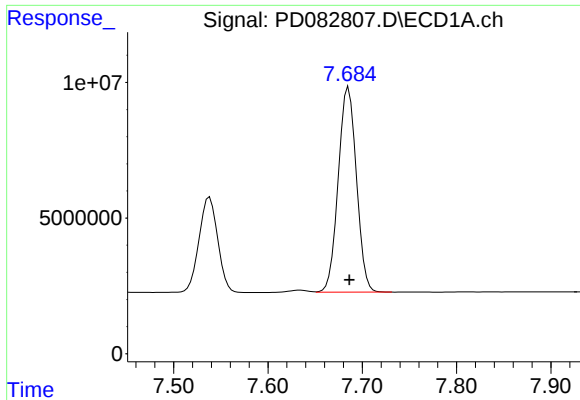
#20 Methoxychlor

R.T.: 7.538 min
Delta R.T.: -0.002 min
Response: 48252058
Conc: 52.64 ng/ml



#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: -0.002 min
Response: 110588339
Conc: 54.42 ng/ml



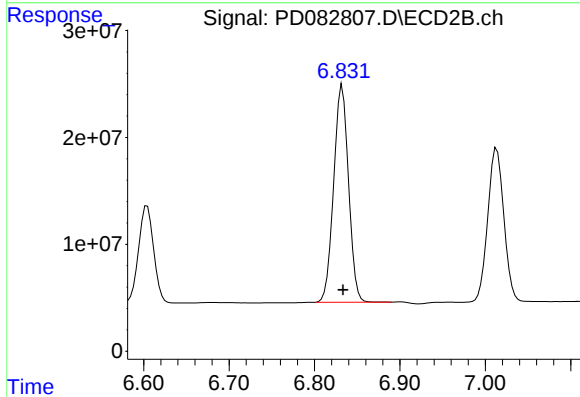
#21 Endrin ketone

R.T.: 7.685 min
Delta R.T.: -0.001 min
Response: 101396728
Conc: 52.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

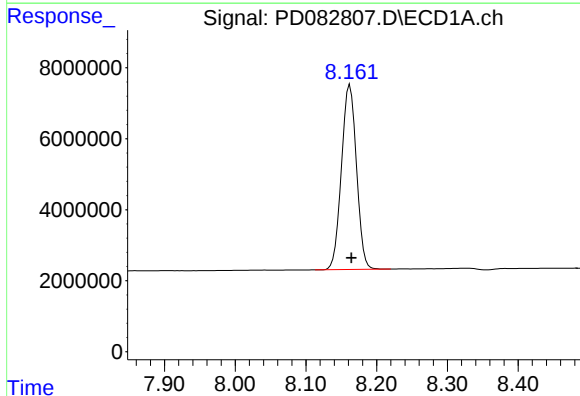
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/15/2024
Supervised By :Ankita Jodhani 05/15/2024



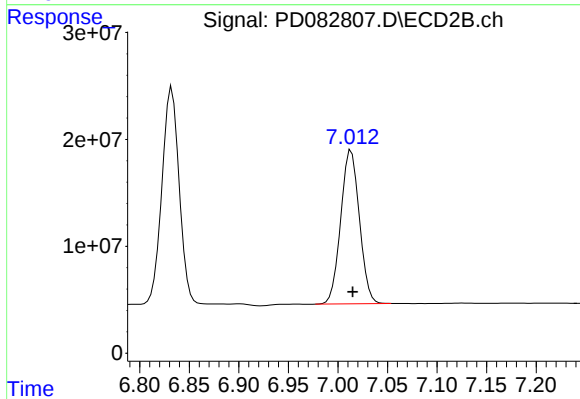
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: -0.001 min
Response: 245331969
Conc: 53.97 ng/ml



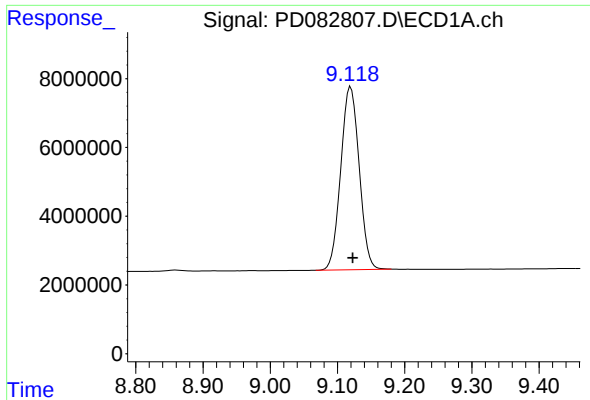
#22 Mirex

R.T.: 8.162 min
Delta R.T.: -0.002 min
Response: 76876117
Conc: 50.16 ng/ml



#22 Mirex

R.T.: 7.013 min
Delta R.T.: -0.002 min
Response: 188683037
Conc: 52.81 ng/ml



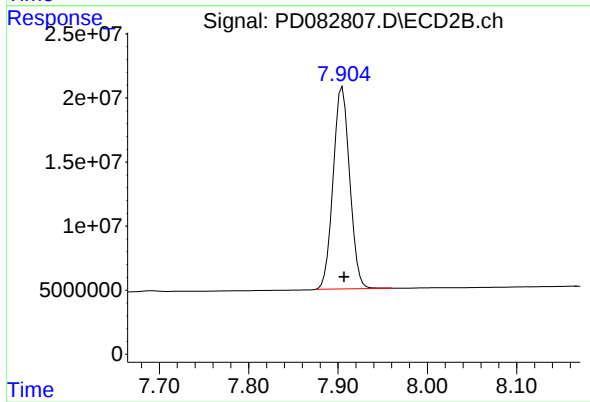
#28 Decachlorobiphenyl

R.T.: 9.120 min
Delta R.T.: -0.003 min
Response: 101018245
Conc: 50.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 05/15/2024



#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: -0.002 min
Response: 203267204
Conc: 52.59 ng/ml