

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD011022\
 Data File : PD067654.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jan 2022 08:44
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/11/2022
 Supervised By :Ankita Jodhani 01/13/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 11 00:55:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PD122821.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 28 03:00:50 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 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 x0.5µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.431	3.960	38431829	148.7E6	21.148	22.544
28)	SA Decachlor...	8.150	9.010	17620932	91632122	19.837	19.281
Target Compounds							
2)	A alpha-BHC	3.867	4.353	28600934	104.0E6	9.917	11.209
3)	MA gamma-BHC...	4.148	4.638	26424875	94649173	9.935	11.231
6)	B beta-BHC	4.397	4.817	12980069	50595273	11.811	12.975
12)	B 4,4'-DDE	5.569	6.293	612264	2082988	0.277m	0.338m
14)	MA Endrin	5.961	6.662	101.3E6	269.0E6	48.202	48.520
16)	A 4,4'-DDD	6.086	6.790	5192308	14211285	3.022	2.839
17)	MA 4,4'-DDT	6.323	7.086	174.3E6	489.9E6	106.665m	91.563
18)	B Endrin al...	6.400	7.003	2345051	5983618	1.543m	1.326
20)	A Methoxychlor	6.872	7.549	194.8E6	591.4E6	229.471	203.813
21)	B Endrin ke...	7.103	7.697	6117499	16941648	3.574	2.700

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

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Data File : PD067654.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jan 2022 08:44
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

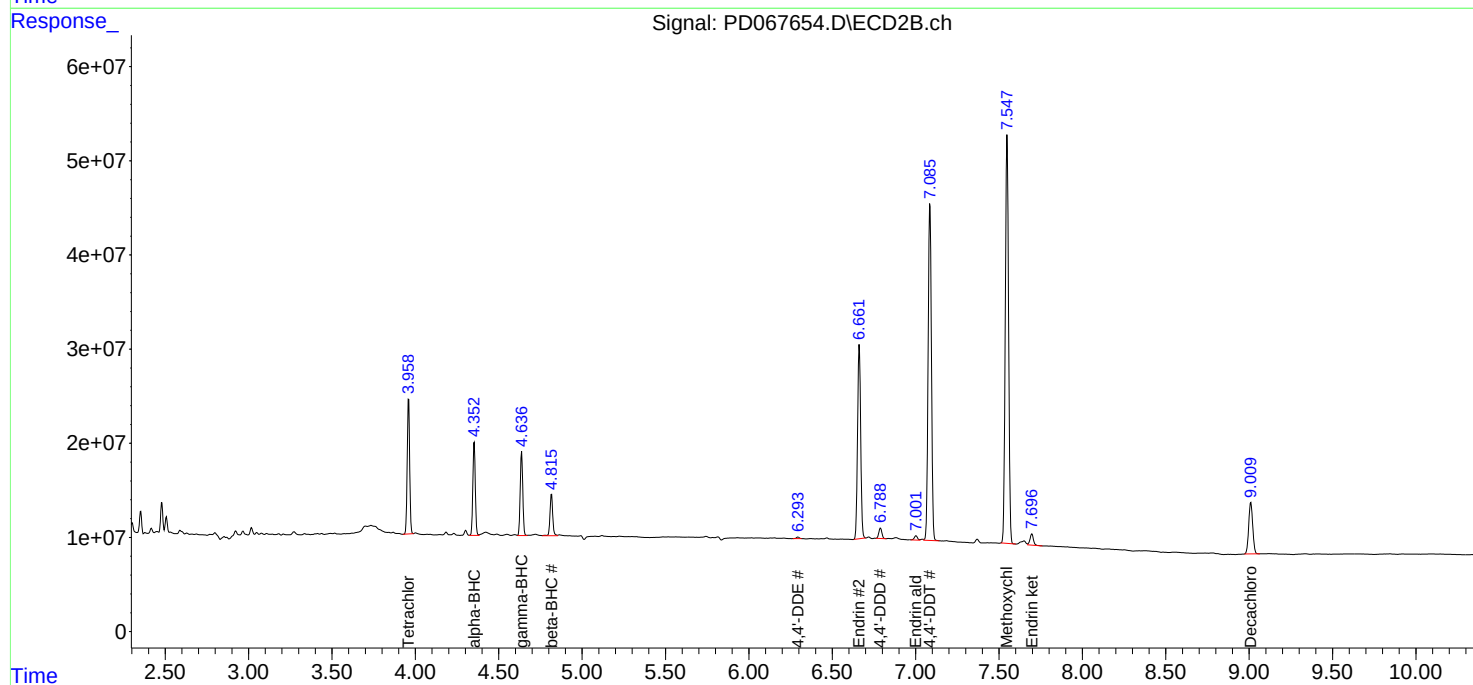
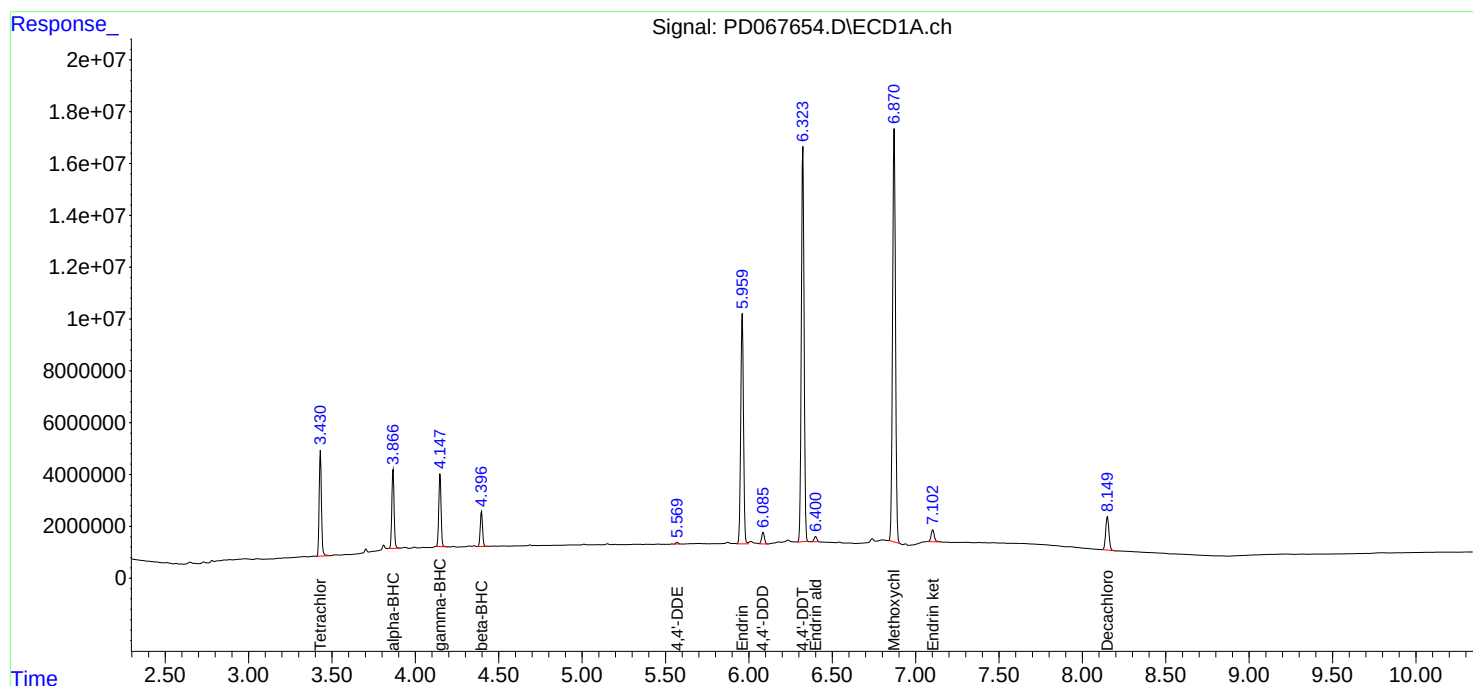
Instrument :
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ClientSampleId :
PEM

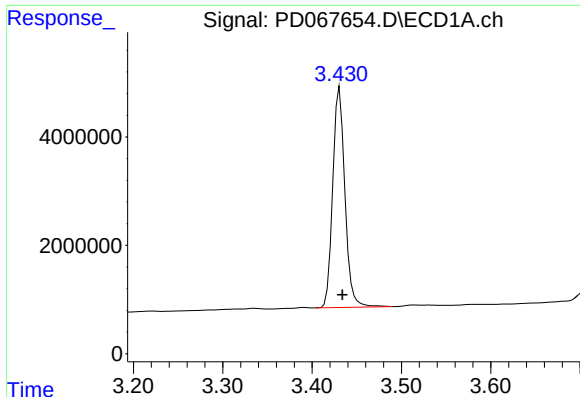
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 11 00:55:55 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PD122821.M
Quant Title : GC Extractables
QLast Update : Tue Dec 28 03:00:50 2021
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Integrator: ChemStation

Volume Inj. : 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 x0.5µm





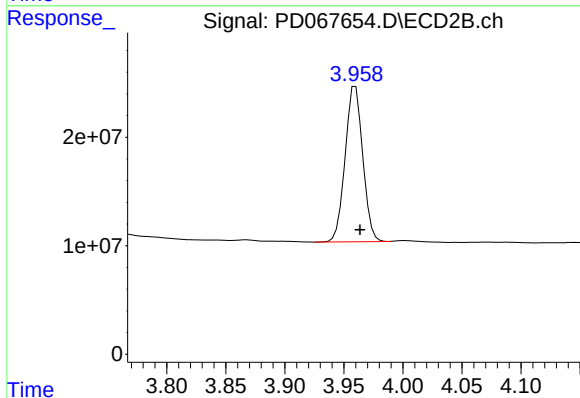
#1 Tetrachloro-m-xylene

R.T.: 3.431 min
Delta R.T.: -0.003 min
Response: 38431829
Conc: 21.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

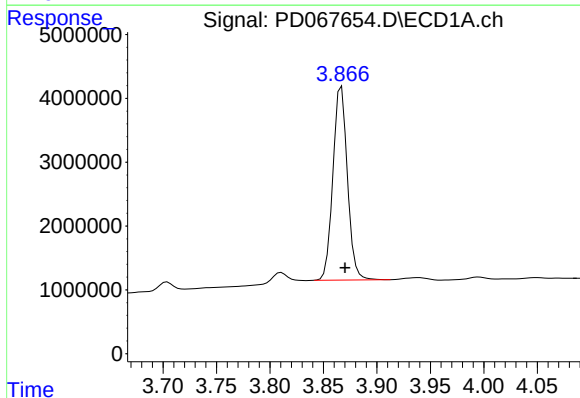
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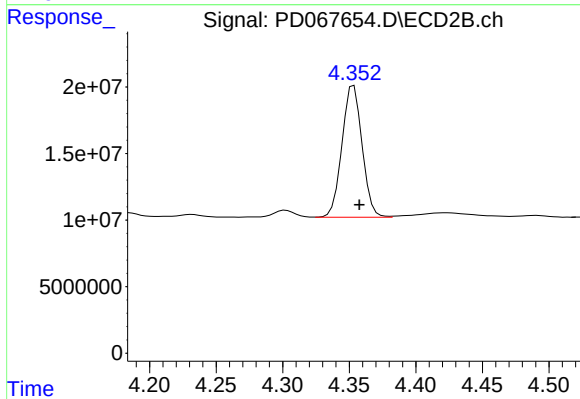
#1 Tetrachloro-m-xylene

R.T.: 3.960 min
Delta R.T.: -0.004 min
Response: 148749937
Conc: 22.54 ng/ml



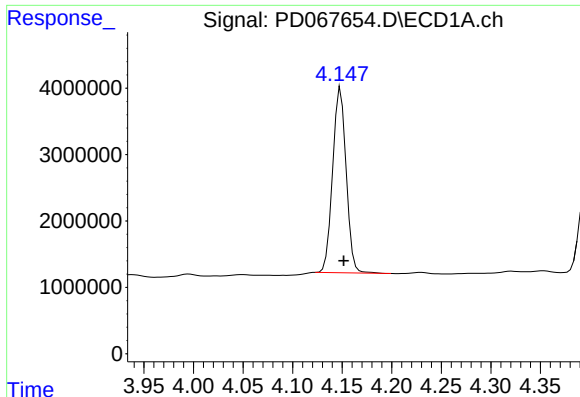
#2 alpha-BHC

R.T.: 3.867 min
Delta R.T.: -0.003 min
Response: 28600934
Conc: 9.92 ng/ml



#2 alpha-BHC

R.T.: 4.353 min
Delta R.T.: -0.004 min
Response: 103994536
Conc: 11.21 ng/ml



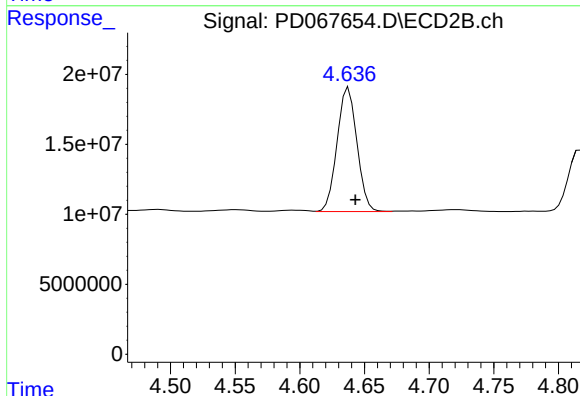
#3 gamma-BHC (Lindane)

R.T.: 4.148 min
Delta R.T.: -0.003 min
Response: 26424875
Conc: 9.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

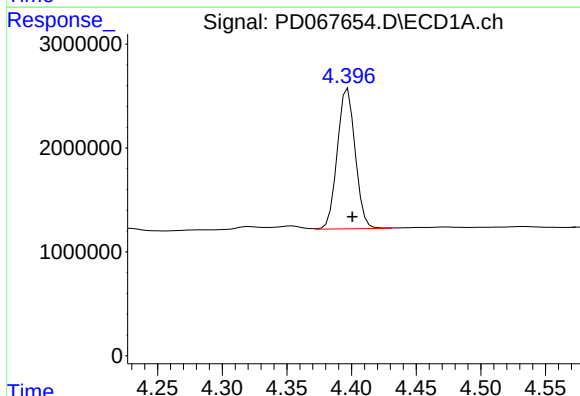
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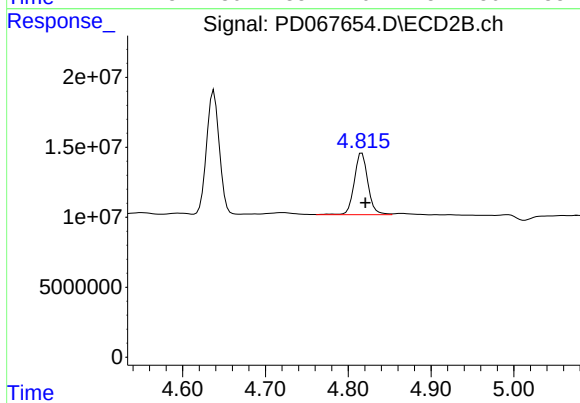
#3 gamma-BHC (Lindane)

R.T.: 4.638 min
Delta R.T.: -0.005 min
Response: 94649173
Conc: 11.23 ng/ml



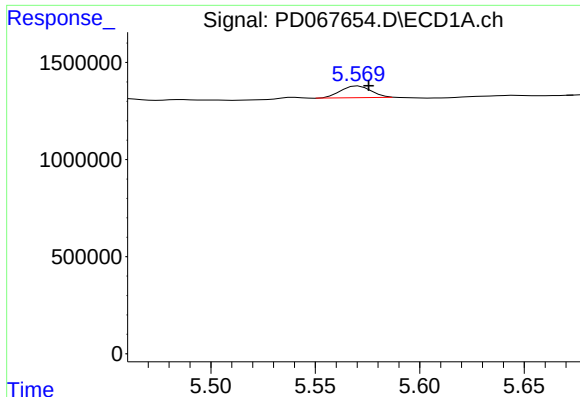
#6 beta-BHC

R.T.: 4.397 min
Delta R.T.: -0.003 min
Response: 12980069
Conc: 11.81 ng/ml



#6 beta-BHC

R.T.: 4.817 min
Delta R.T.: -0.004 min
Response: 50595273
Conc: 12.98 ng/ml



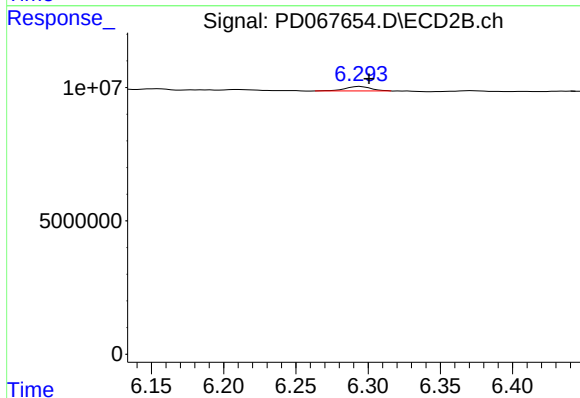
#12 4,4'-DDE

R.T.: 5.569 min
Delta R.T.: -0.006 min
Response: 612264
Conc: 0.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

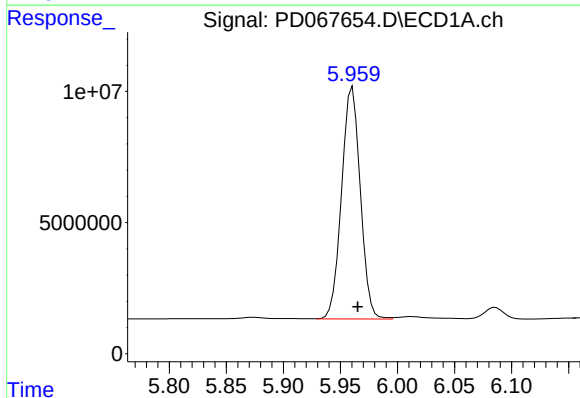
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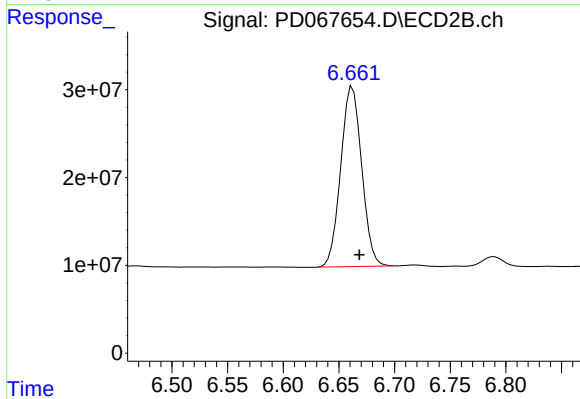
#12 4,4'-DDE

R.T.: 6.293 min
Delta R.T.: -0.007 min
Response: 2082988
Conc: 0.34 ng/ml m



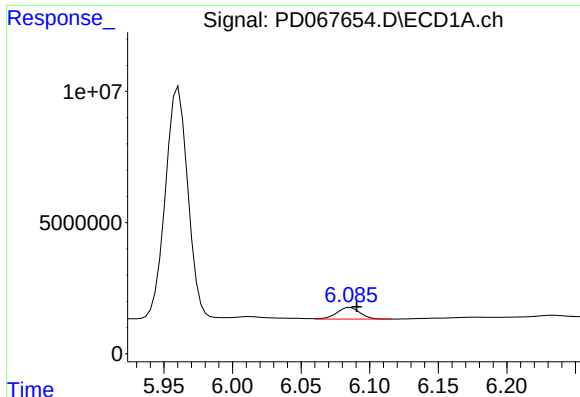
#14 Endrin

R.T.: 5.961 min
Delta R.T.: -0.005 min
Response: 101255495
Conc: 48.20 ng/ml



#14 Endrin

R.T.: 6.662 min
Delta R.T.: -0.006 min
Response: 268985845
Conc: 48.52 ng/ml



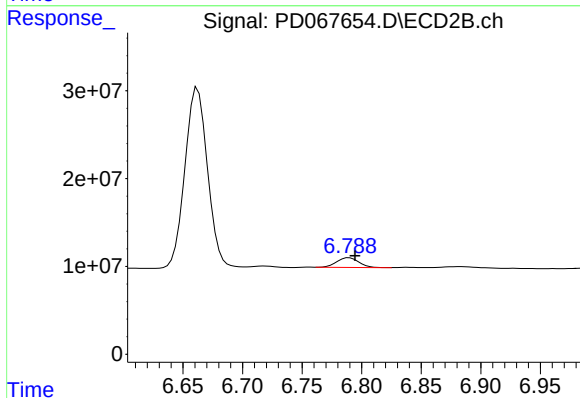
#16 4,4'-DDD

R.T.: 6.086 min
Delta R.T.: -0.005 min
Response: 5192308
Conc: 3.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

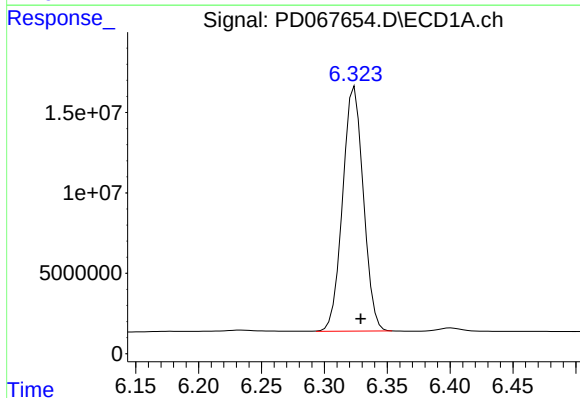
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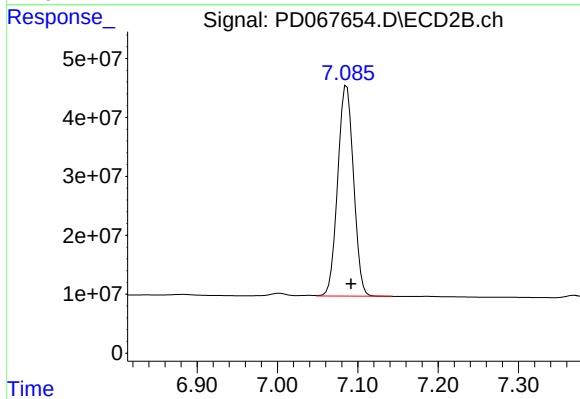
#16 4,4'-DDD

R.T.: 6.790 min
Delta R.T.: -0.005 min
Response: 14211285
Conc: 2.84 ng/ml



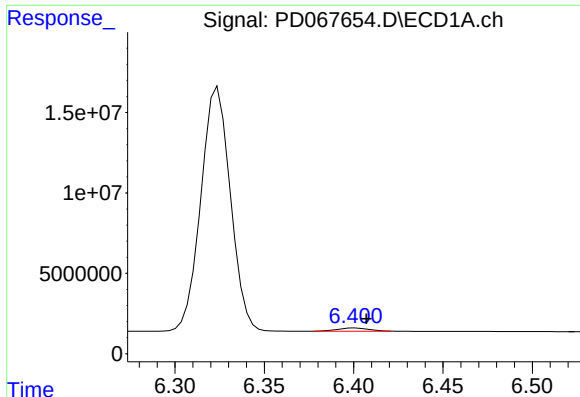
#17 4,4'-DDT

R.T.: 6.323 min
Delta R.T.: -0.006 min
Response: 174292789
Conc: 106.67 ng/ml m



#17 4,4'-DDT

R.T.: 7.086 min
Delta R.T.: -0.005 min
Response: 489947644
Conc: 91.56 ng/ml



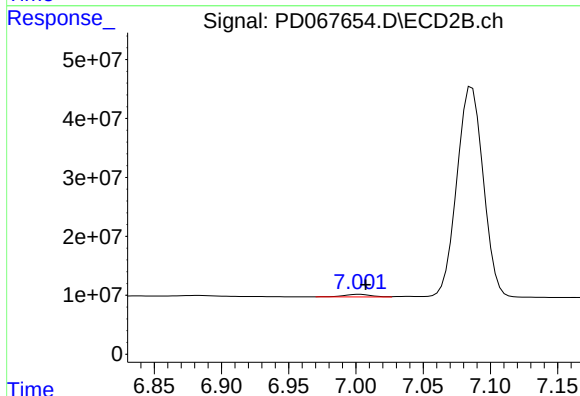
#18 Endrin aldehyde

R.T.: 6.400 min
Delta R.T.: -0.007 min
Response: 2345051
Conc: 1.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

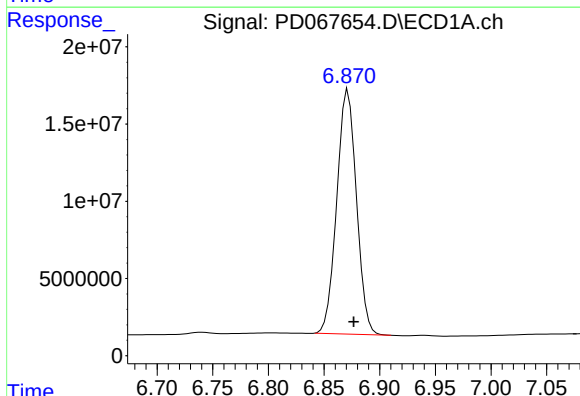
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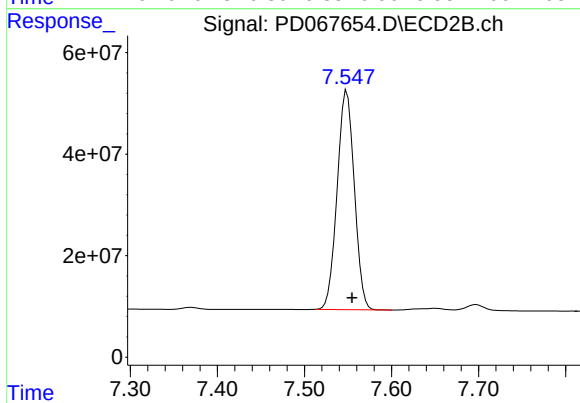
#18 Endrin aldehyde

R.T.: 7.003 min
Delta R.T.: -0.005 min
Response: 5983618
Conc: 1.33 ng/ml



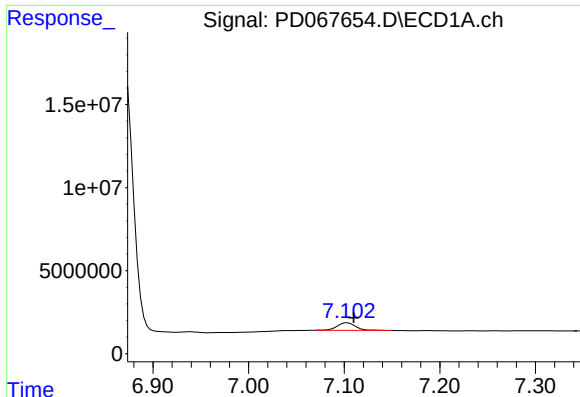
#20 Methoxychlor

R.T.: 6.872 min
Delta R.T.: -0.005 min
Response: 194793779
Conc: 229.47 ng/ml



#20 Methoxychlor

R.T.: 7.549 min
Delta R.T.: -0.006 min
Response: 591350956
Conc: 203.81 ng/ml



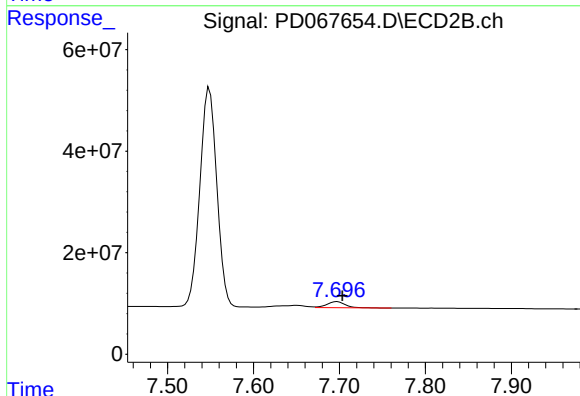
#21 Endrin ketone

R.T.: 7.103 min
Delta R.T.: -0.007 min
Response: 6117499
Conc: 3.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

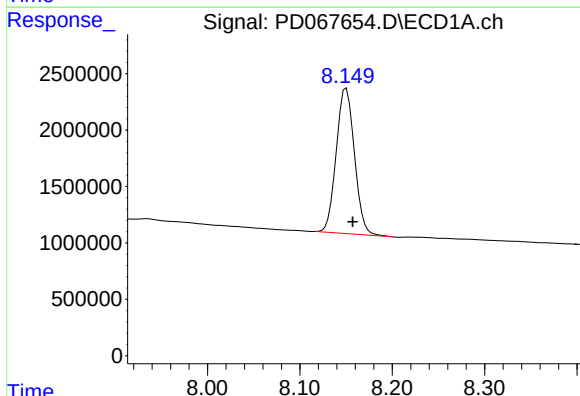
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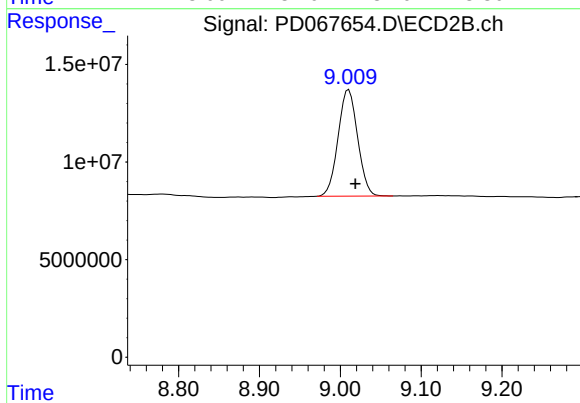
#21 Endrin ketone

R.T.: 7.697 min
Delta R.T.: -0.006 min
Response: 16941648
Conc: 2.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.150 min
Delta R.T.: -0.007 min
Response: 17620932
Conc: 19.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.010 min
Delta R.T.: -0.008 min
Response: 91632122
Conc: 19.28 ng/ml