

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032720\
 Data File : PL057644.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Mar 2020 11:06
 Operator : AJ\MA
 Sample : L1753-16MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 CL-02-032520MS

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 28 00:50:58 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031420.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 16 09:40:37 2020
 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...	3.460	3.957	250.0E6	56272786	26.972	25.938
28)	SA Decachlor...	8.207	8.979	217.8E6	47768348	20.579	21.543
Target Compounds							
2)	A alpha-BHC	3.897	4.344	1133.4E6	236.9E6	71.150	73.759
3)	MA gamma-BHC...	4.180	4.627	1036.8E6	225.3E6	72.134	71.798
4)	MA Heptachlor	4.480	5.129	1088.6E6	236.9E6	73.297	75.276
5)	MB Aldrin	4.728	5.431	1011.3E6	226.9E6	73.310	74.363
6)	B beta-BHC	4.432	4.798	445.6E6	105.9E6	75.800	73.418m
7)	B delta-BHC	4.636	5.014	1033.2E6	161.9E6	73.617	61.383
8)	B Heptachlo...	5.171	5.814	923.9E6	193.0E6	72.093	70.722
9)	A Endosulfan I	5.510	6.170	851.0E6	208.7E6	71.578	73.334
10)	B gamma-Chl...	5.398	6.049	933.6E6	228.2E6	71.596	74.034
11)	B alpha-Chl...	5.456	6.120	890.8E6	225.1E6	68.934	72.318
12)	B 4,4'-DDE	5.620	6.280	899.6E6	213.7E6	72.227	75.192
13)	MA Dieldrin	5.753	6.426	932.4E6	220.3E6	73.925	74.473
14)	MA Endrin	6.010	6.641	826.6E6	182.4E6	72.312	75.580
15)	B Endosulfa...	6.283	6.852	743.4E6	174.0E6	68.449	66.251
16)	A 4,4'-DDD	6.136	6.768	695.8E6	161.2E6	70.988	70.608
17)	MA 4,4'-DDT	6.376	7.065	703.5E6	159.5E6	70.543	70.034
18)	B Endrin al...	6.450	6.976	625.4E6	150.7E6	67.718	67.786
19)	B Endosulfa...	6.664	7.199	731.5E6	168.1E6	72.840	68.911
20)	A Methoxychlor	6.921	7.523	352.2E6	87309161	65.643	67.131m
21)	B Endrin ke...	7.154	7.666	802.2E6	175.2E6	70.979	67.698
22)	Mirex	7.342	8.116	554.4E6	125.5E6	68.452	65.717

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032720\
Data File : PL057644.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2020 11:06
Operator : AJ\MA
Sample : L1753-16MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

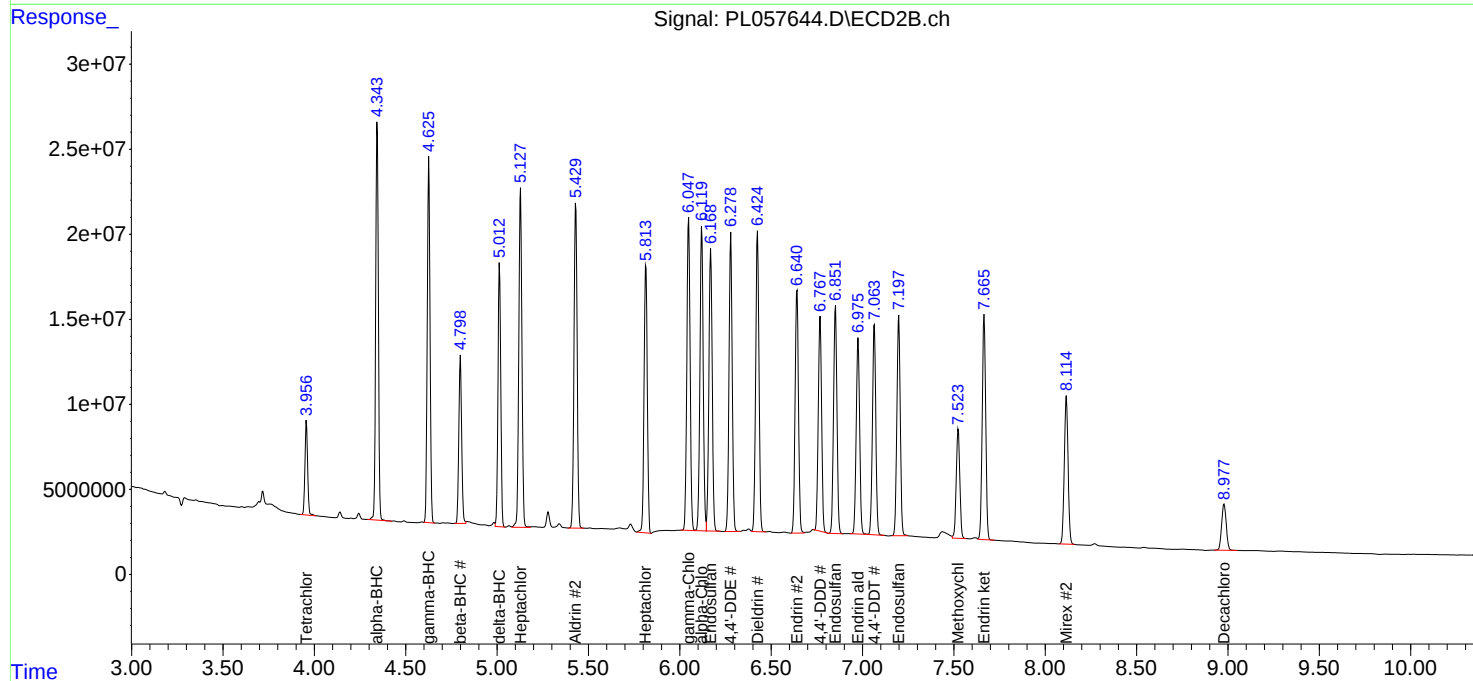
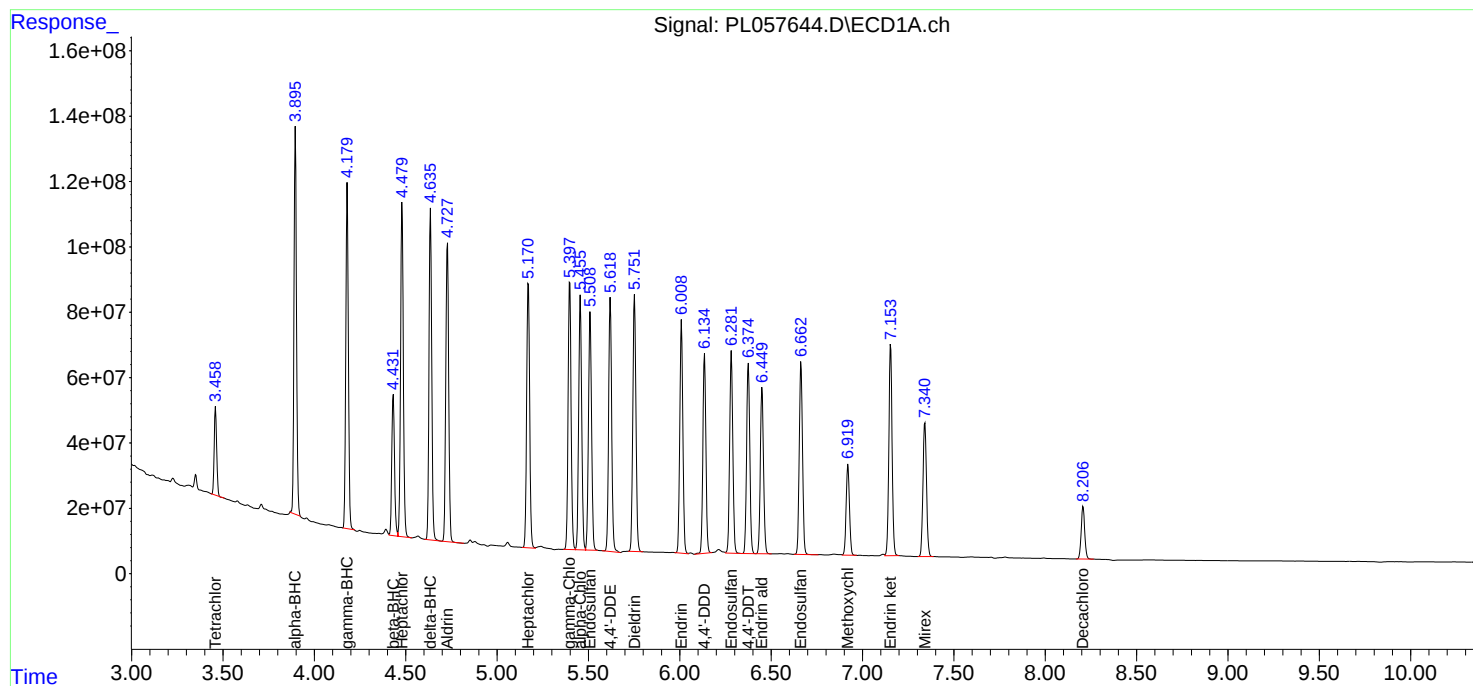
Instrument :
ECD_L
ClientSampled :
CL-02-032520MS

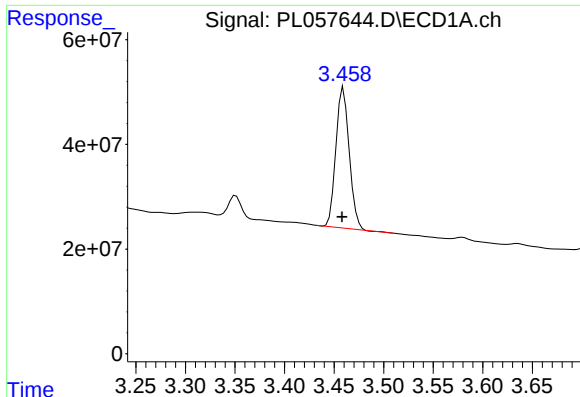
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 28 00:50:58 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031420.M
Quant Title : GC Extractables
QLast Update : Mon Mar 16 09:40:37 2020
Response 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





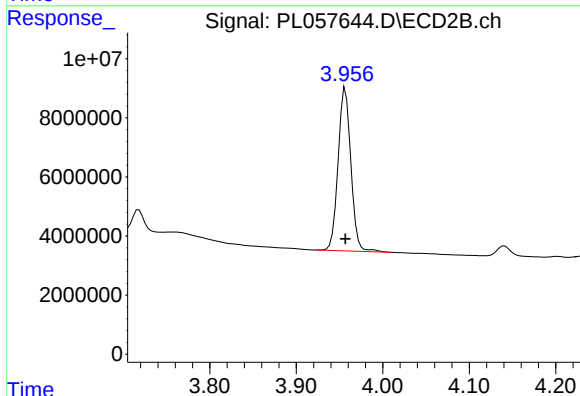
#1 Tetrachloro-m-xylene

R.T.: 3.460 min
Delta R.T.: 0.002 min
Response: 250011311
Conc: 26.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-02-032520MS

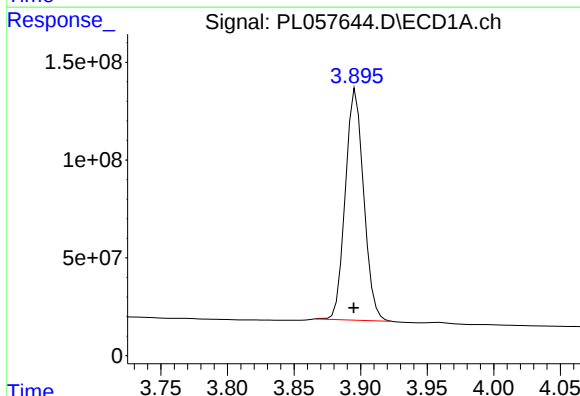
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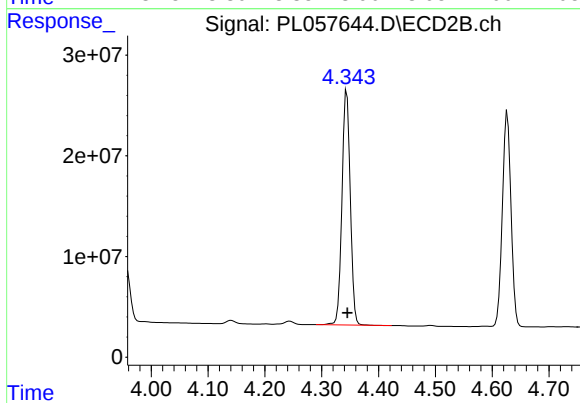
#1 Tetrachloro-m-xylene

R.T.: 3.957 min
Delta R.T.: 0.000 min
Response: 56272786
Conc: 25.94 ng/ml



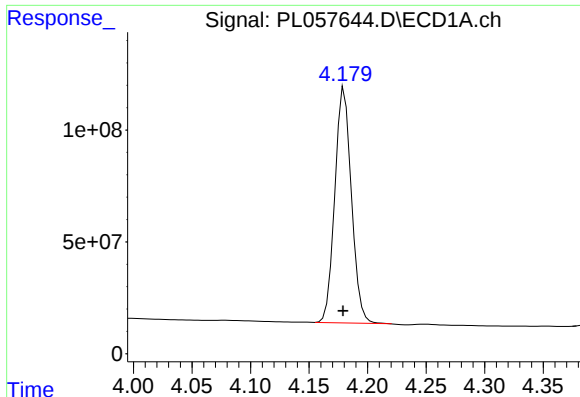
#2 alpha-BHC

R.T.: 3.897 min
Delta R.T.: 0.002 min
Response: 1133380346
Conc: 71.15 ng/ml



#2 alpha-BHC

R.T.: 4.344 min
Delta R.T.: 0.000 min
Response: 236916612
Conc: 73.76 ng/ml



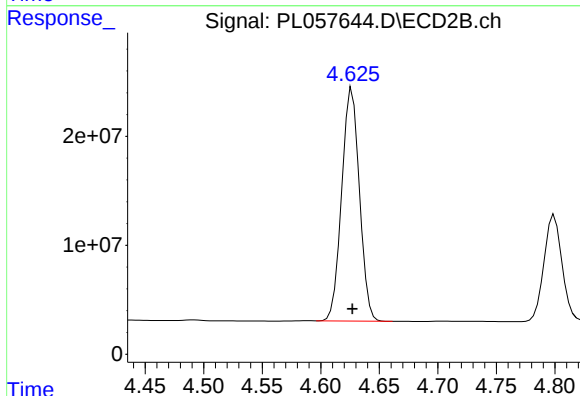
#3 gamma-BHC (Lindane)

R.T.: 4.180 min
Delta R.T.: 0.001 min
Response: 1036769783
Conc: 72.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-02-032520MS

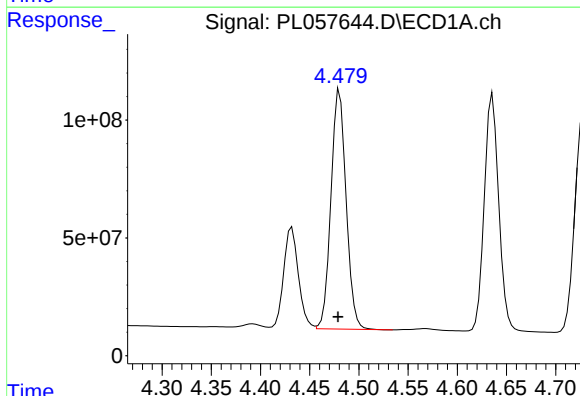
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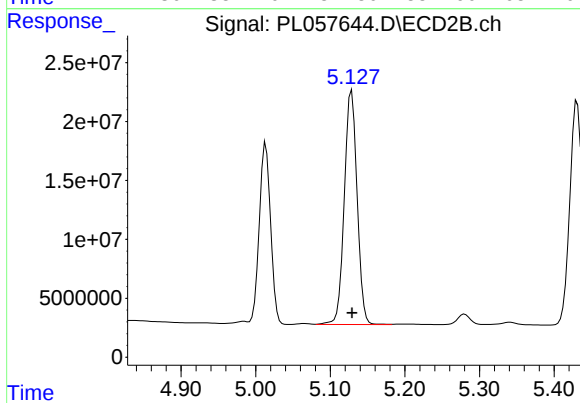
#3 gamma-BHC (Lindane)

R.T.: 4.627 min
Delta R.T.: 0.000 min
Response: 225262359
Conc: 71.80 ng/ml



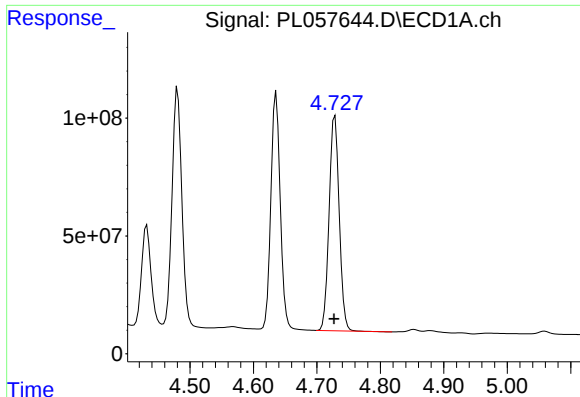
#4 Heptachlor

R.T.: 4.480 min
Delta R.T.: 0.001 min
Response: 1088631100
Conc: 73.30 ng/ml



#4 Heptachlor

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 236947031
Conc: 75.28 ng/ml



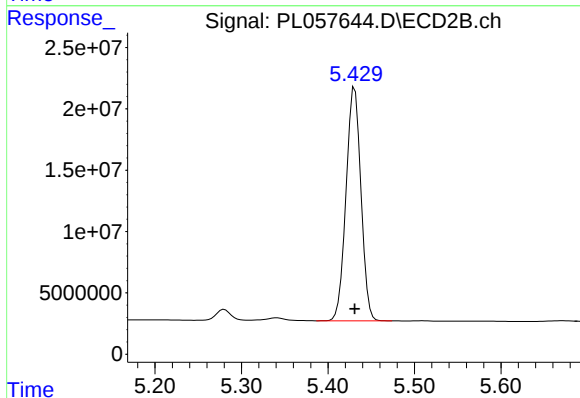
#5 Aldrin

R.T.: 4.728 min
Delta R.T.: 0.001 min
Response: 1011255204
Conc: 73.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-02-032520MS

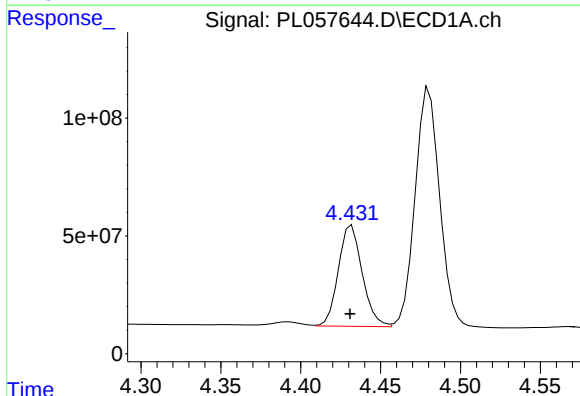
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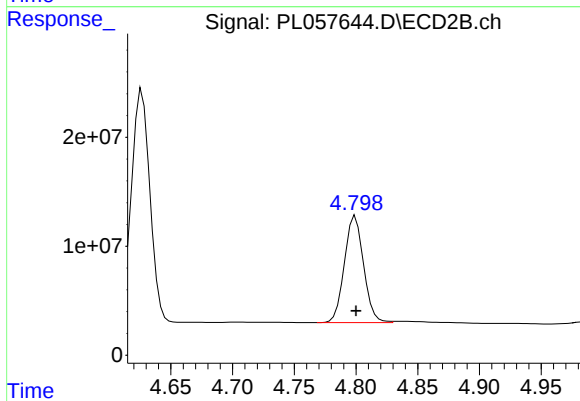
#5 Aldrin

R.T.: 5.431 min
Delta R.T.: 0.000 min
Response: 226860231
Conc: 74.36 ng/ml



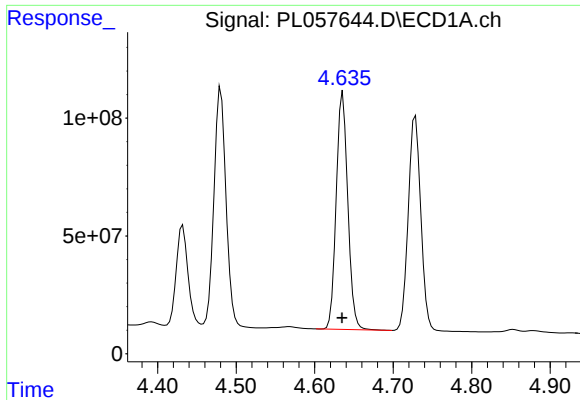
#6 beta-BHC

R.T.: 4.432 min
Delta R.T.: 0.000 min
Response: 445637172
Conc: 75.80 ng/ml



#6 beta-BHC

R.T.: 4.798 min
Delta R.T.: -0.002 min
Response: 105893409
Conc: 73.42 ng/ml m



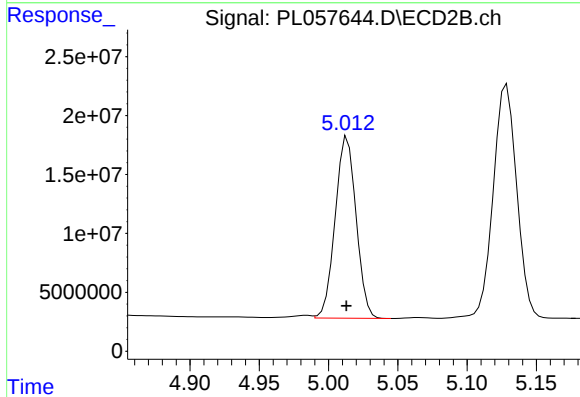
#7 delta-BHC

R.T.: 4.636 min
Delta R.T.: 0.000 min
Response: 1033221192
Conc: 73.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-02-032520MS

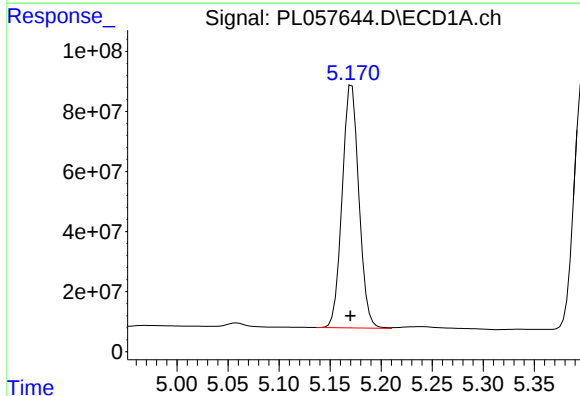
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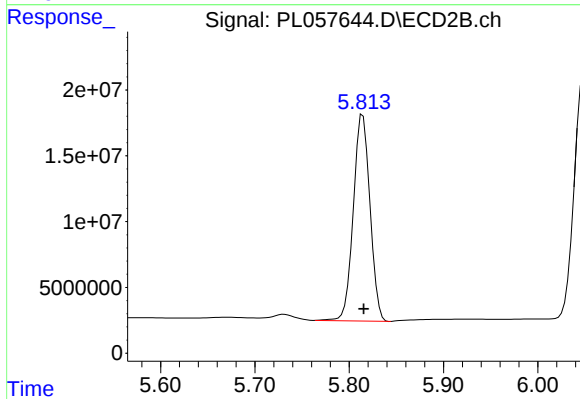
#7 delta-BHC

R.T.: 5.014 min
Delta R.T.: 0.000 min
Response: 161922679
Conc: 61.38 ng/ml



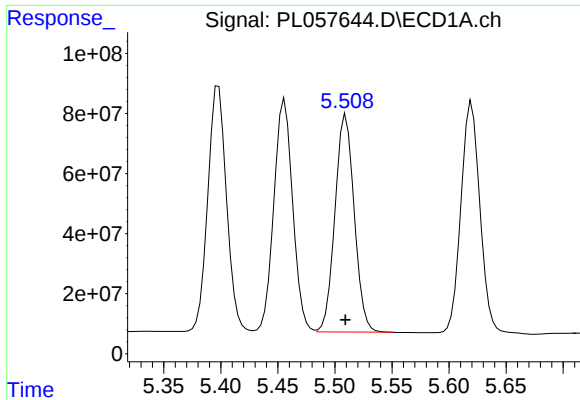
#8 Heptachlor epoxide

R.T.: 5.171 min
Delta R.T.: 0.001 min
Response: 923935760
Conc: 72.09 ng/ml



#8 Heptachlor epoxide

R.T.: 5.814 min
Delta R.T.: 0.000 min
Response: 192977679
Conc: 70.72 ng/ml



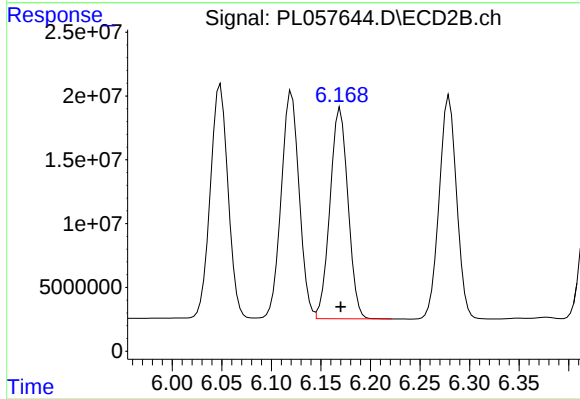
#9 Endosulfan I

R.T.: 5.510 min
Delta R.T.: 0.000 min
Response: 851045037
Conc: 71.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-02-032520MS

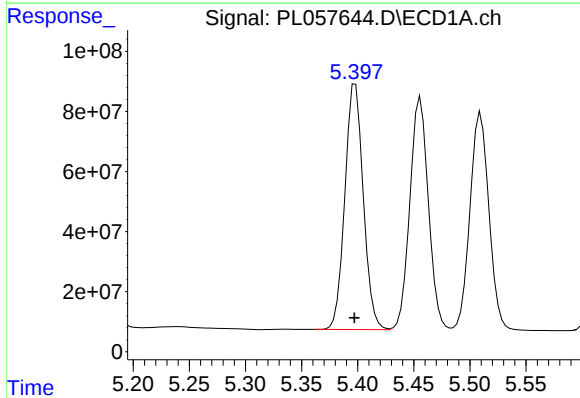
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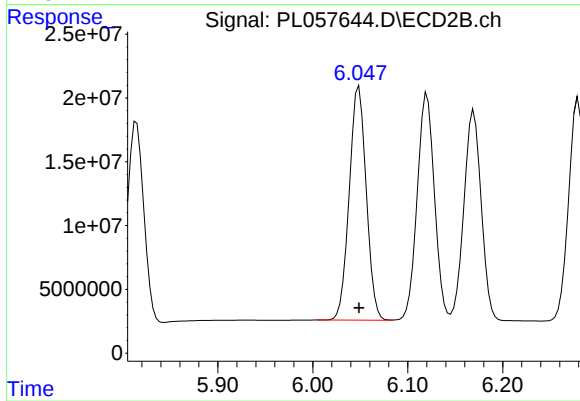
#9 Endosulfan I

R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 208657473
Conc: 73.33 ng/ml



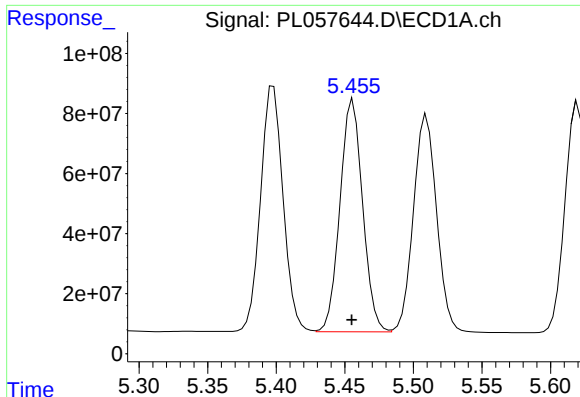
#10 gamma-Chlordane

R.T.: 5.398 min
Delta R.T.: 0.001 min
Response: 933627663
Conc: 71.60 ng/ml



#10 gamma-Chlordane

R.T.: 6.049 min
Delta R.T.: 0.000 min
Response: 228180319
Conc: 74.03 ng/ml



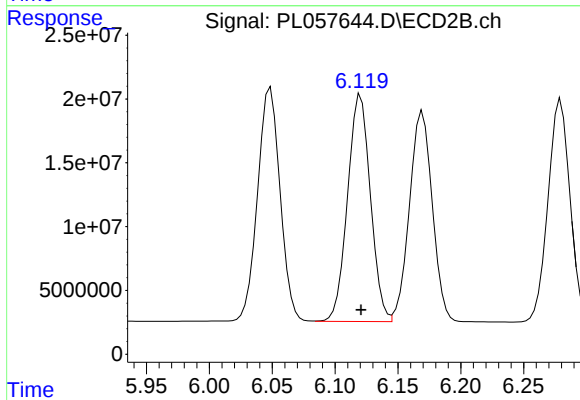
#11 alpha-Chlordane

R.T.: 5.456 min
Delta R.T.: 0.000 min
Response: 890813286
Conc: 68.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-02-032520MS

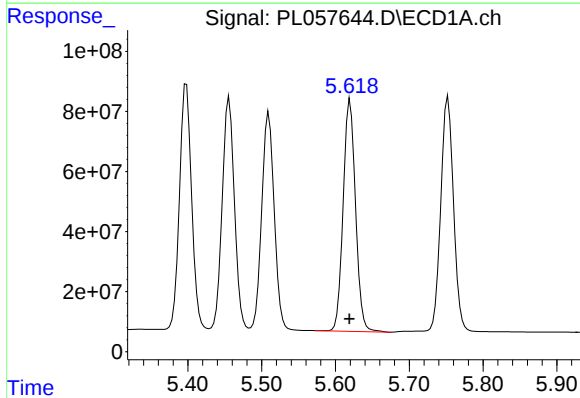
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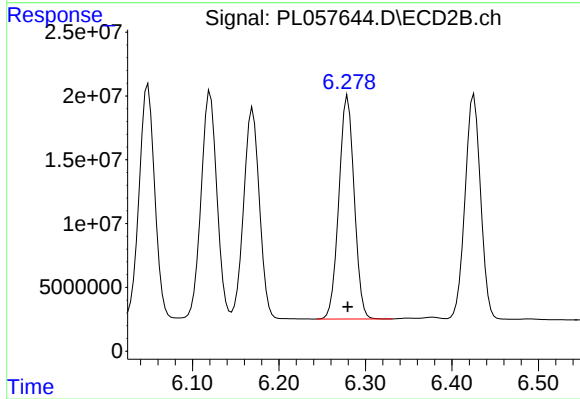
#11 alpha-Chlordane

R.T.: 6.120 min
Delta R.T.: 0.000 min
Response: 225101116
Conc: 72.32 ng/ml



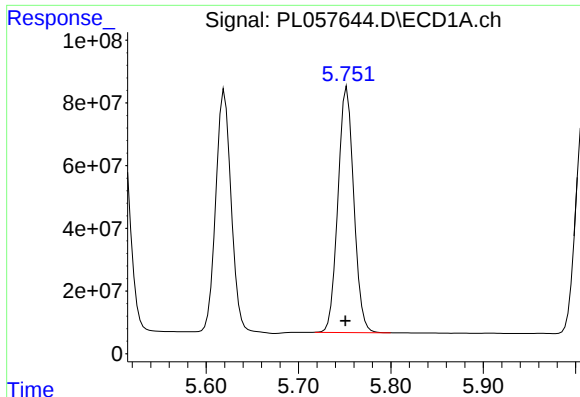
#12 4,4'-DDE

R.T.: 5.620 min
Delta R.T.: 0.000 min
Response: 899625869
Conc: 72.23 ng/ml



#12 4,4'-DDE

R.T.: 6.280 min
Delta R.T.: 0.000 min
Response: 213728708
Conc: 75.19 ng/ml



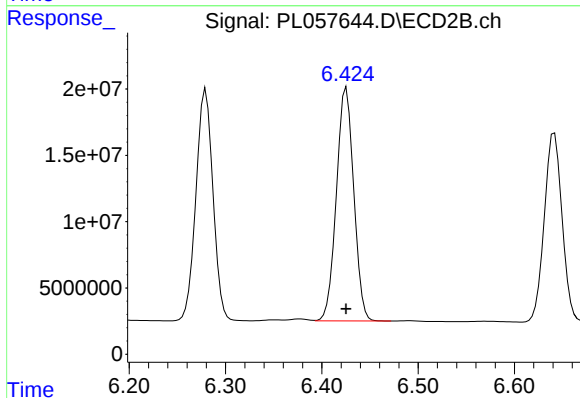
#13 Dieldrin

R.T.: 5.753 min
Delta R.T.: 0.002 min
Response: 932391788
Conc: 73.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-02-032520MS

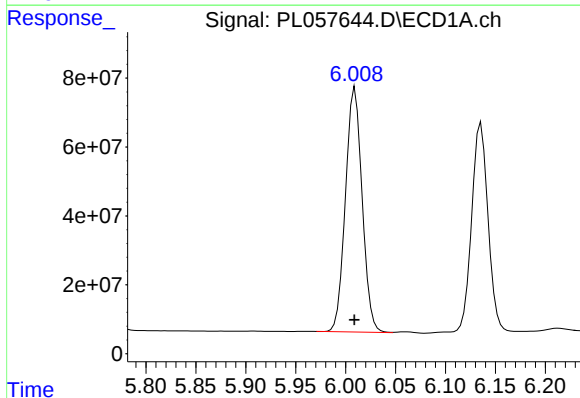
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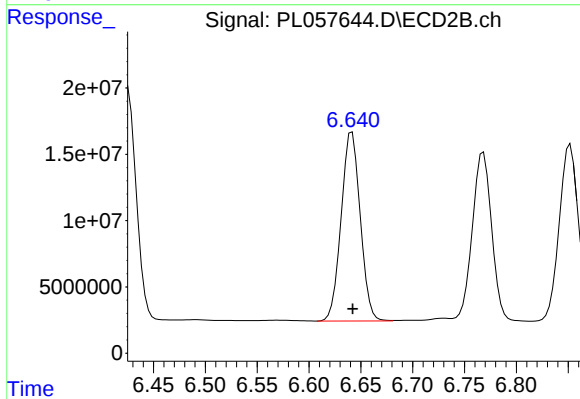
#13 Dieldrin

R.T.: 6.426 min
Delta R.T.: 0.000 min
Response: 220289676
Conc: 74.47 ng/ml



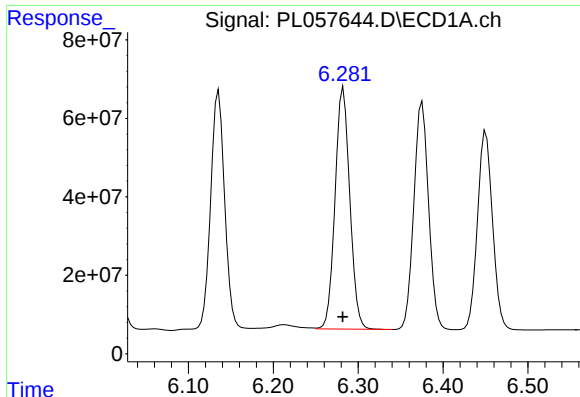
#14 Endrin

R.T.: 6.010 min
Delta R.T.: 0.000 min
Response: 826630637
Conc: 72.31 ng/ml



#14 Endrin

R.T.: 6.641 min
Delta R.T.: 0.000 min
Response: 182357666
Conc: 75.58 ng/ml



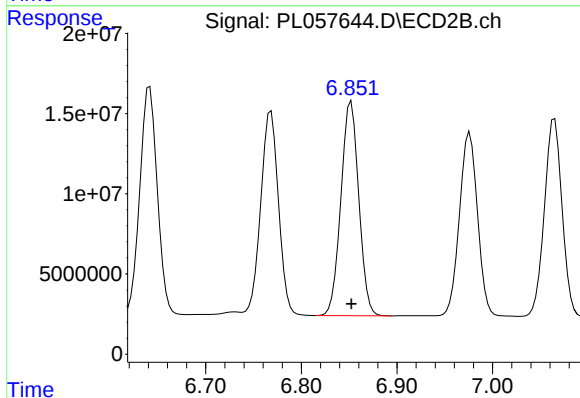
#15 Endosulfan II

R.T.: 6.283 min
Delta R.T.: 0.000 min
Response: 743427014
Conc: 68.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-02-032520MS

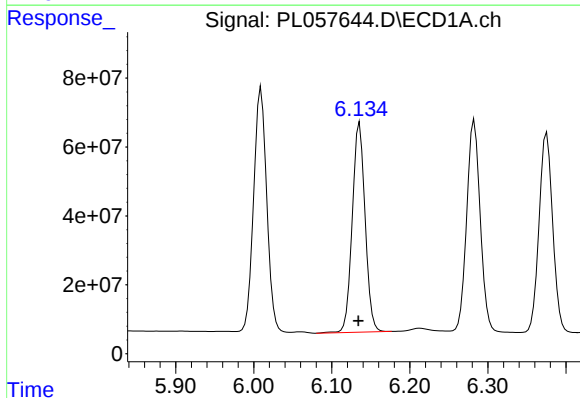
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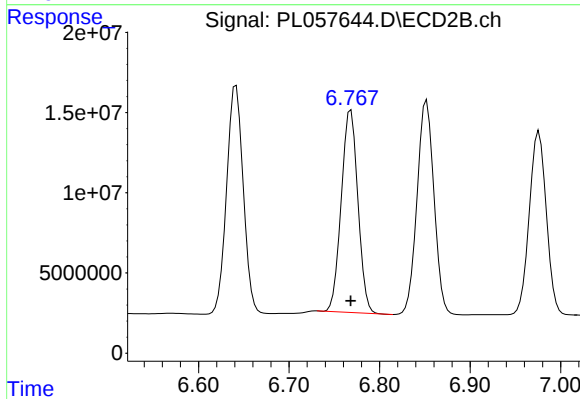
#15 Endosulfan II

R.T.: 6.852 min
Delta R.T.: 0.000 min
Response: 174030385
Conc: 66.25 ng/ml



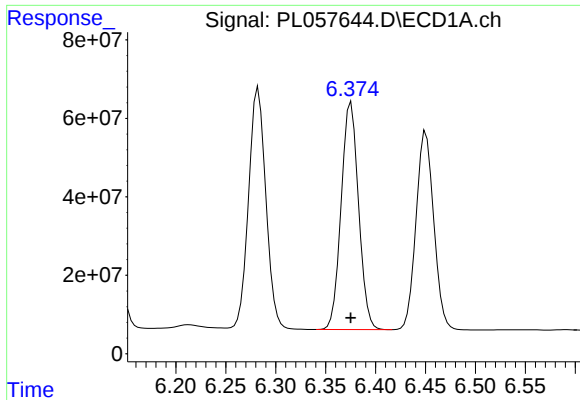
#16 4,4'-DDD

R.T.: 6.136 min
Delta R.T.: 0.002 min
Response: 695779407
Conc: 70.99 ng/ml



#16 4,4'-DDD

R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 161248814
Conc: 70.61 ng/ml



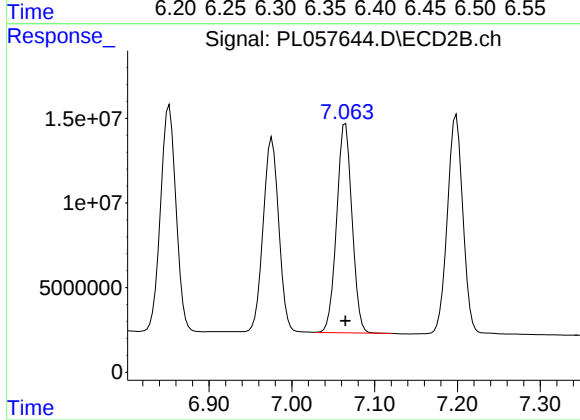
#17 4,4'-DDT

R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 703513993
Conc: 70.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-02-032520MS

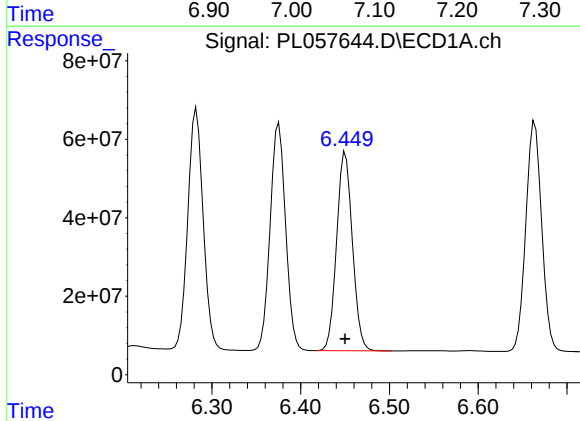
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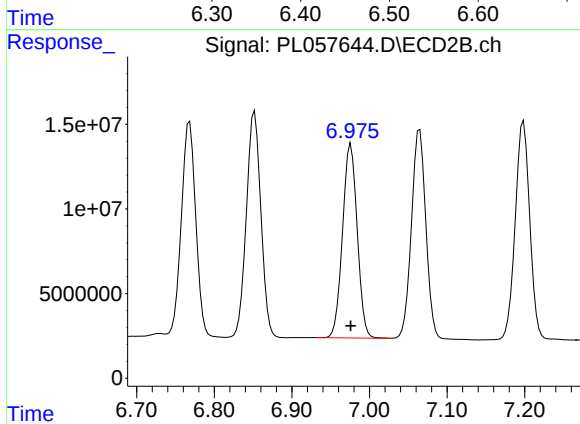
#17 4,4'-DDT

R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: 159512903
Conc: 70.03 ng/ml



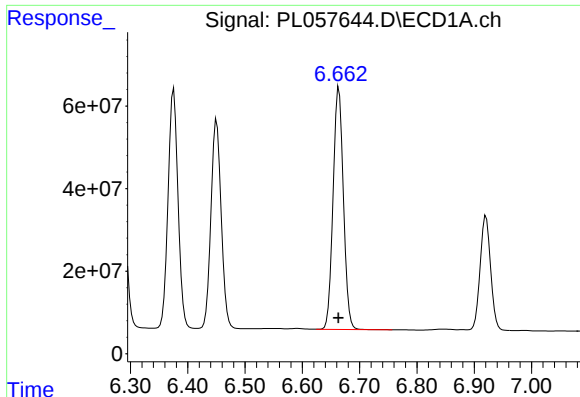
#18 Endrin aldehyde

R.T.: 6.450 min
Delta R.T.: 0.000 min
Response: 625392457
Conc: 67.72 ng/ml



#18 Endrin aldehyde

R.T.: 6.976 min
Delta R.T.: 0.000 min
Response: 150692540
Conc: 67.79 ng/ml



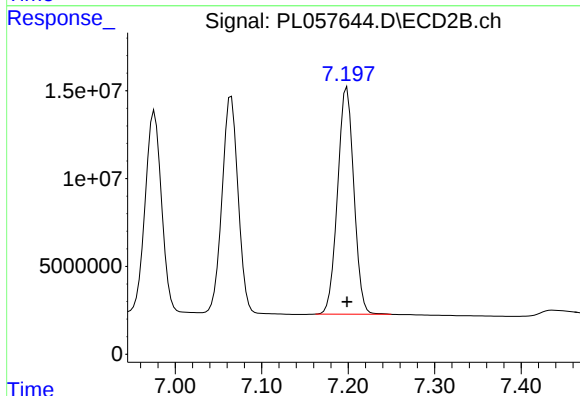
#19 Endosulfan Sulfate

R.T.: 6.664 min
Delta R.T.: 0.000 min
Response: 731495554
Conc: 72.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-02-032520MS

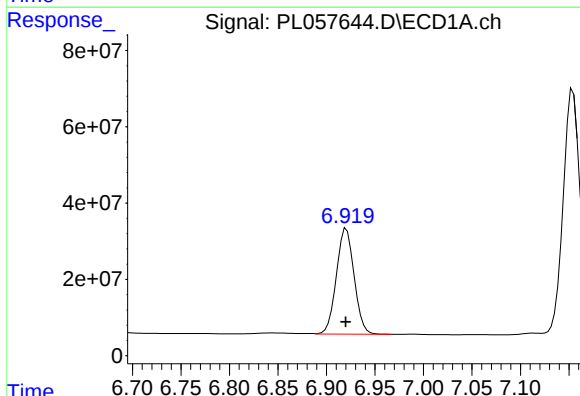
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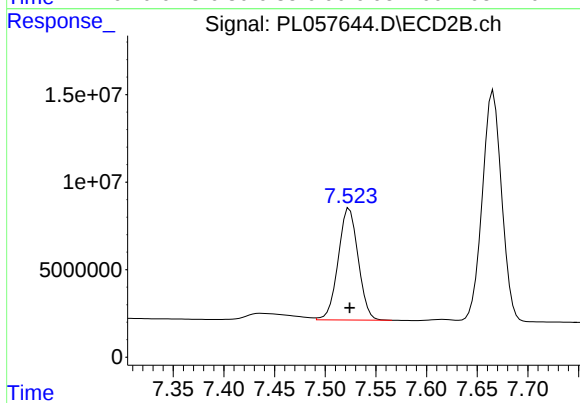
#19 Endosulfan Sulfate

R.T.: 7.199 min
Delta R.T.: 0.000 min
Response: 168078917
Conc: 68.91 ng/ml



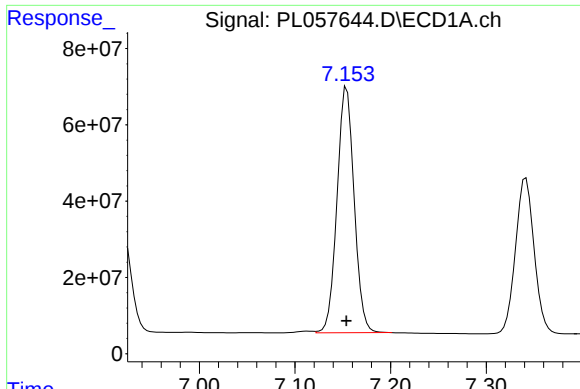
#20 Methoxychlor

R.T.: 6.921 min
Delta R.T.: 0.000 min
Response: 352227574
Conc: 65.64 ng/ml



#20 Methoxychlor

R.T.: 7.523 min
Delta R.T.: -0.002 min
Response: 87309161
Conc: 67.13 ng/ml m



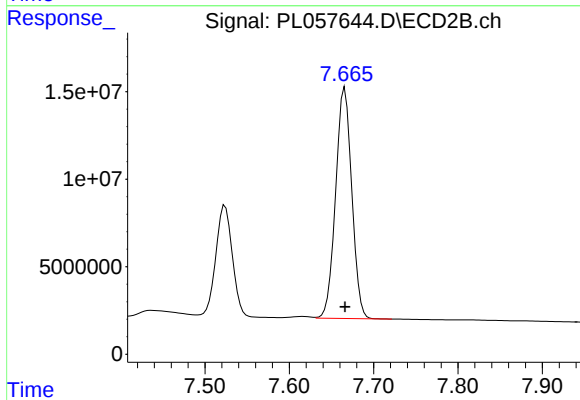
#21 Endrin ketone

R.T.: 7.154 min
Delta R.T.: 0.000 min
Response: 802246752
Conc: 70.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-02-032520MS

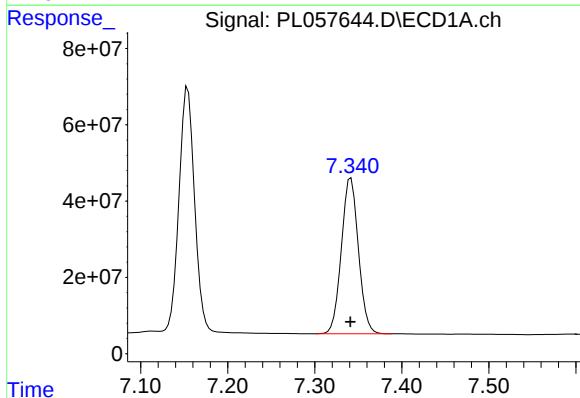
Manual Integrations
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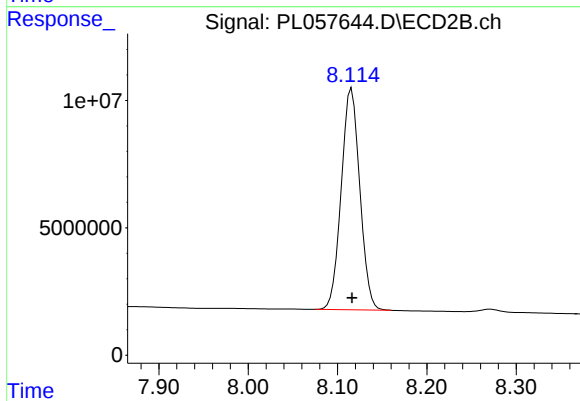
#21 Endrin ketone

R.T.: 7.666 min
Delta R.T.: 0.000 min
Response: 175244144
Conc: 67.70 ng/ml



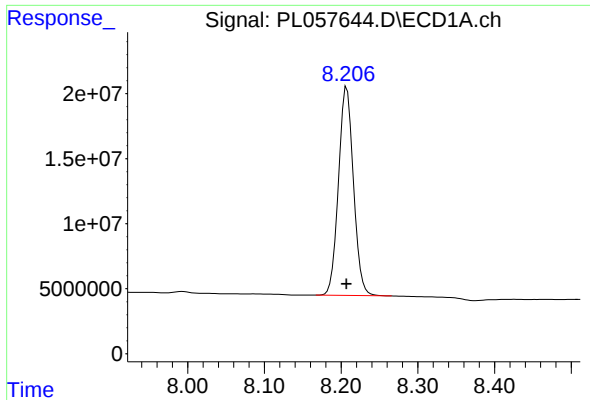
#22 Mirex

R.T.: 7.342 min
Delta R.T.: 0.000 min
Response: 554411054
Conc: 68.45 ng/ml



#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 125488710
Conc: 65.72 ng/ml



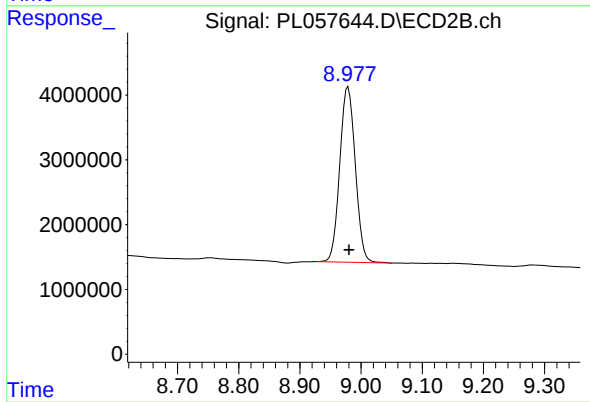
#28 Decachlorobiphenyl

R.T.: 8.207 min
Delta R.T.: 0.000 min
Response: 217753639
Conc: 20.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-02-032520MS

Manual Integrations
APPROVED

mohammad
3/31/2020 1:14:46 PM



#28 Decachlorobiphenyl

R.T.: 8.979 min
Delta R.T.: -0.001 min
Response: 47768348
Conc: 21.54 ng/ml