

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030420\
 Data File : PL057030.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Mar 2020 13:45
 Operator : AJ\MA
 Sample : L1743-04MSD 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 C-8MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 05 02:47:53 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030320.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 04 03:55:01 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...	3.459	3.959	22194302	7472709	2.604	3.503 #
2)	SA Decachlor...	8.238f	8.985	172.7E6	4916337	17.871m	2.314 #
Target Compounds							
2)	A alpha-BHC	3.897	4.351	64746204	137.4E6	4.369	43.494 #
3)	MA gamma-BHC...	4.181	4.627	77138272	13575427	5.614	4.367m
4)	MA Heptachlor	4.482	5.129	7519.5E6	2067.3E6	553.555	664.215m
5)	MB Aldrin	4.739	5.409f	585.7E6	2036.6E6	45.355	681.308 #
6)	B beta-BHC	4.431	4.799	20011670	7312422	3.778m	5.188m#
7)	B delta-BHC	4.637	5.014	772.5E6	11120551	59.211	4.567 #
8)	B Heptachlo...	0.000	5.804	0	1432.0E6	N.D. d	516.772
9)	A Endosulfan I	5.492f	6.165	1545.9E6	38218115	136.366m	13.681m#
10)	B gamma-Chl...	5.400	6.049	20310.5E6	6925.4E6	1635.216m	2313.375m#
11)	B alpha-Chl...	5.457	6.124	17680.9E6	7813.3E6	1439.097m	2591.955 #
12)	B 4,4'-DDE	5.624	6.275	154.4E6	110.6E6	13.179m	38.988 #
13)	MA Dieldrin	5.736f	6.426	1197.4E6	402.3E6	97.936m	136.694 #
14)	MA Endrin	6.013	6.653	1062.1E6	46172601	97.620	17.905m#
15)	B Endosulfa...	6.294	6.865	7704.6E6	149.5E6	713.419	53.295 #
16)	A 4,4'-DDD	6.138	6.785	48931615	360.8E6	5.055m	148.102 #
17)	MA 4,4'-DDT	6.381	7.075	173.7E6	81453155	17.749	33.112 #
18)	B Endrin al...	6.459	6.969	128.8E6	164.0E6	14.396	70.763 #
19)	B Endosulfa...	6.670	7.199	241.7E6	66234016	24.198	26.410m
20)	A Methoxychlor	6.931	7.519	79224671	35098449	15.889	28.094 #
21)	B Endrin ke...	7.154	7.680	82752542	39498814	7.328m	14.413m#
22)	Mirex	7.343	8.117	48544629	14668810	5.991m	7.651m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030420\
Data File : PL057030.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Mar 2020 13:45
Operator : AJ\MA
Sample : L1743-04MSD 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

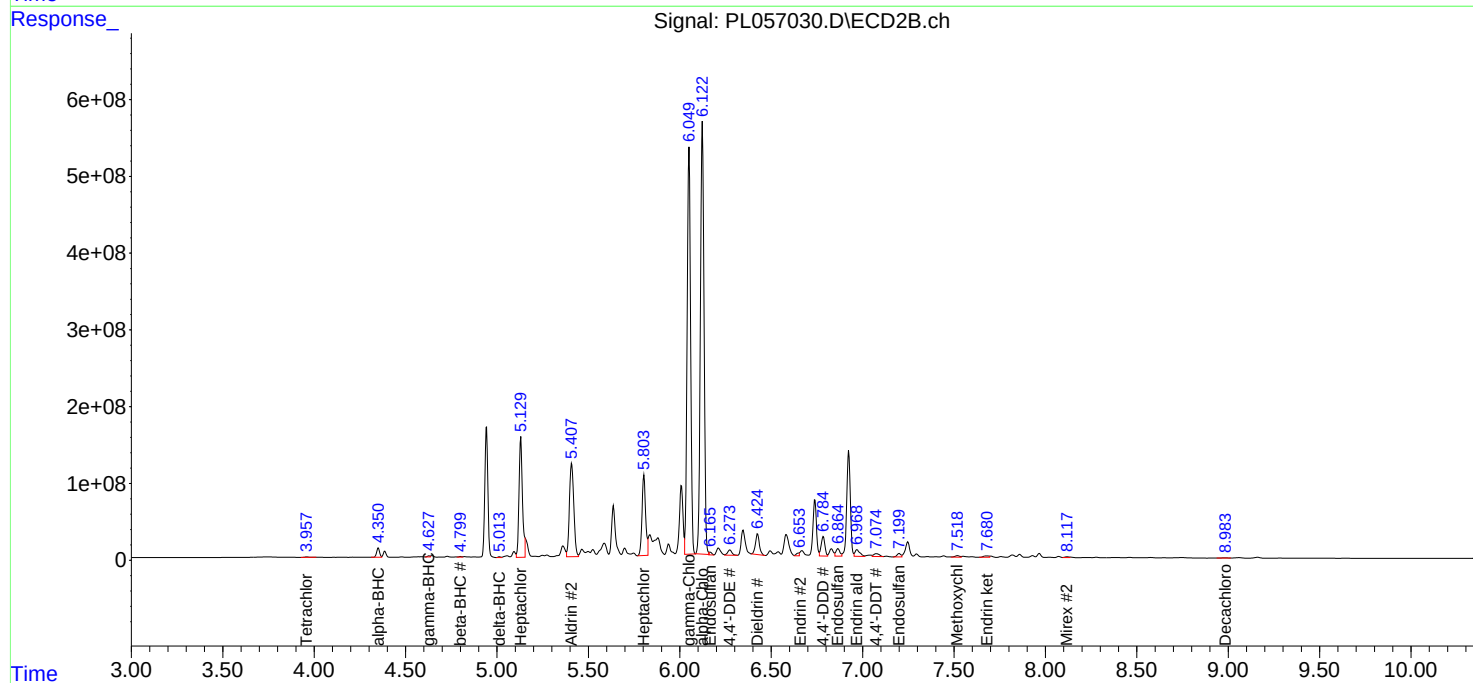
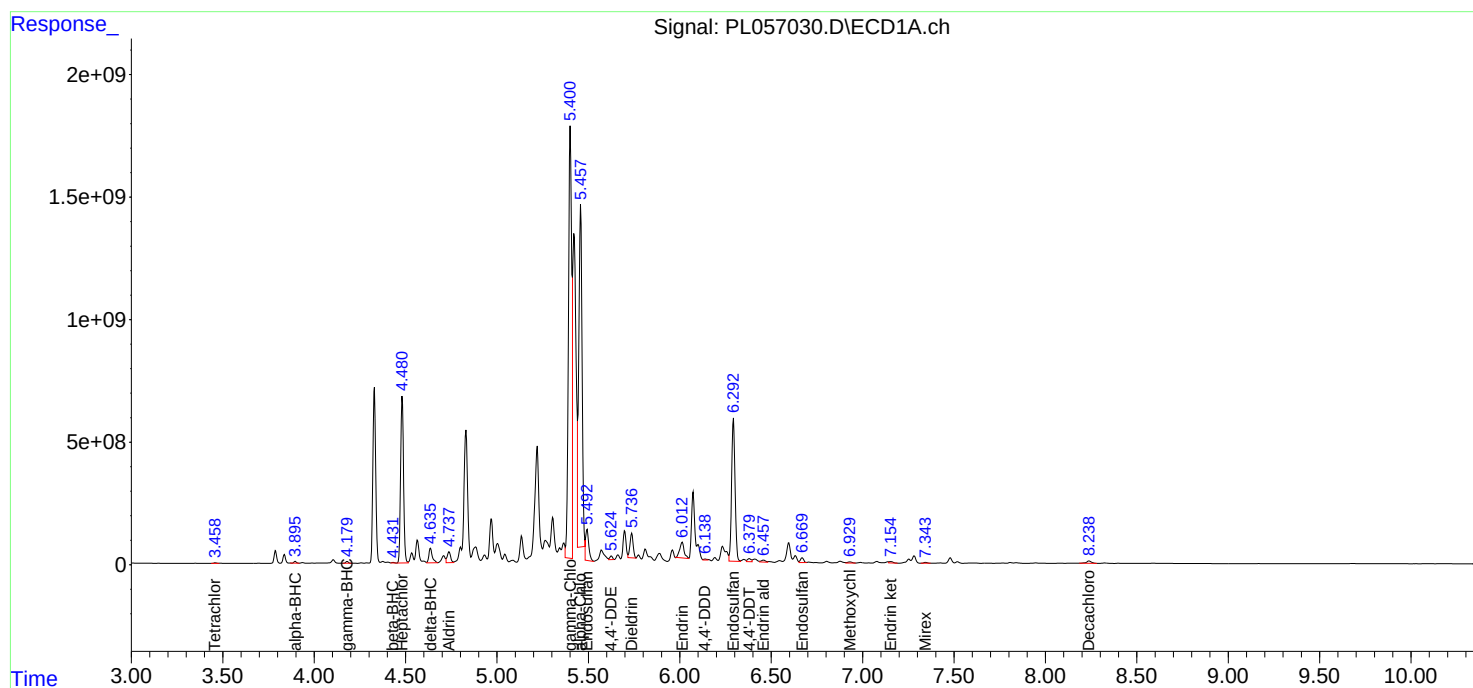
Instrument :
ECD_L
ClientSampled :
C-8MSD

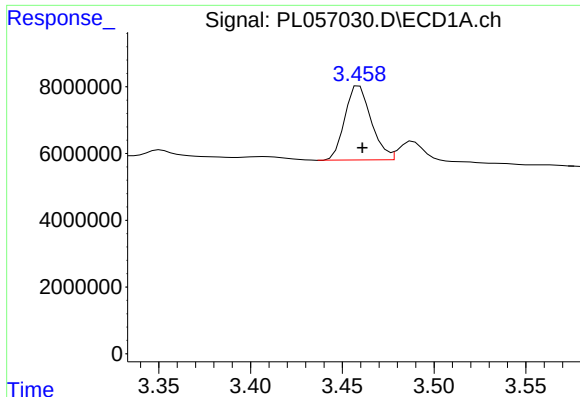
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 05 02:47:53 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030320.M
Quant Title : GC Extractables
QLast Update : Wed Mar 04 03:55:01 2020
Response 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





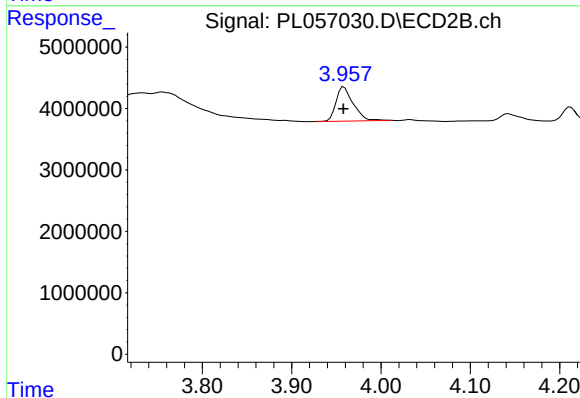
#1 Tetrachloro-m-xylene

R.T.: 3.459 min
Delta R.T.: -0.002 min
Response: 22194302
Conc: 2.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
C-8MSD

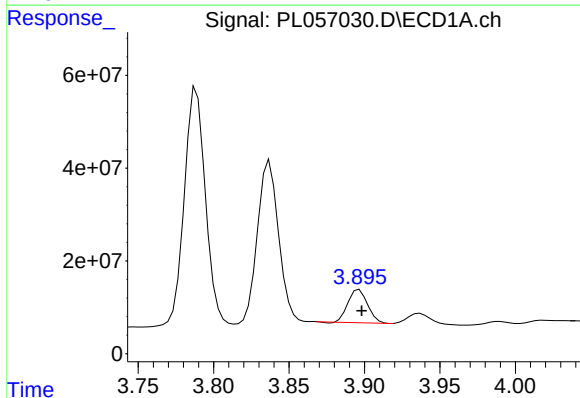
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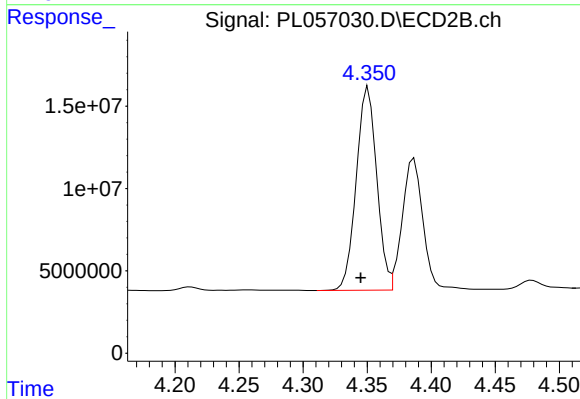
#1 Tetrachloro-m-xylene

R.T.: 3.959 min
Delta R.T.: 0.000 min
Response: 7472709
Conc: 3.50 ng/ml



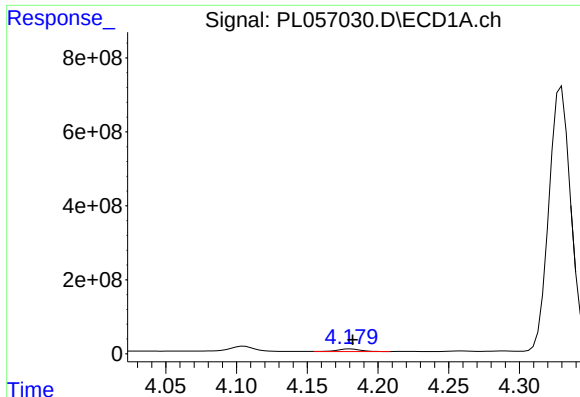
#2 alpha-BHC

R.T.: 3.897 min
Delta R.T.: -0.002 min
Response: 64746204
Conc: 4.37 ng/ml



#2 alpha-BHC

R.T.: 4.351 min
Delta R.T.: 0.006 min
Response: 137396513
Conc: 43.49 ng/ml



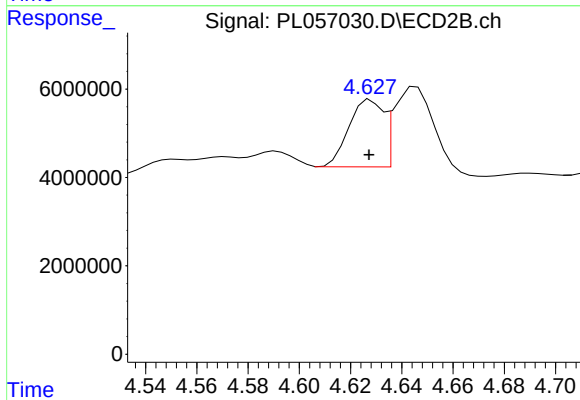
#3 gamma-BHC (Lindane)

R.T.: 4.181 min
Delta R.T.: -0.001 min
Response: 77138272
Conc: 5.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
C-8MSD

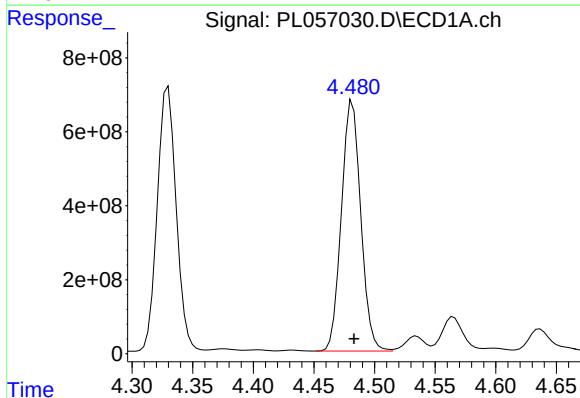
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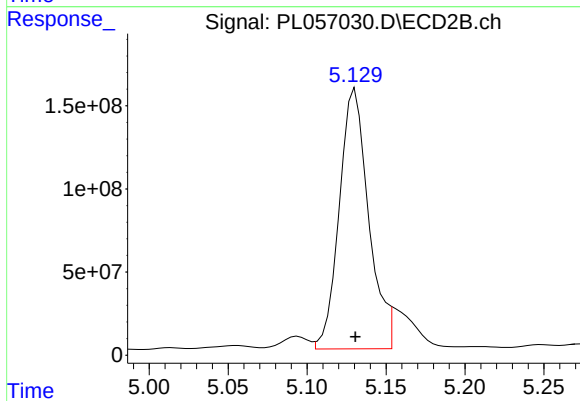
#3 gamma-BHC (Lindane)

R.T.: 4.627 min
Delta R.T.: 0.000 min
Response: 13575427
Conc: 4.37 ng/ml m



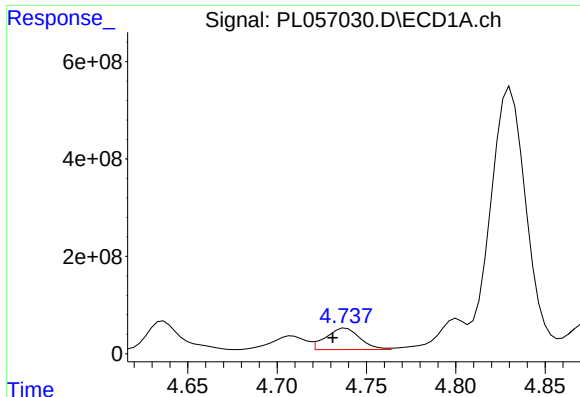
#4 Heptachlor

R.T.: 4.482 min
Delta R.T.: -0.001 min
Response: 7519510682
Conc: 553.56 ng/ml



#4 Heptachlor

R.T.: 5.129 min
Delta R.T.: -0.001 min
Response: 2067297935
Conc: 664.22 ng/ml m



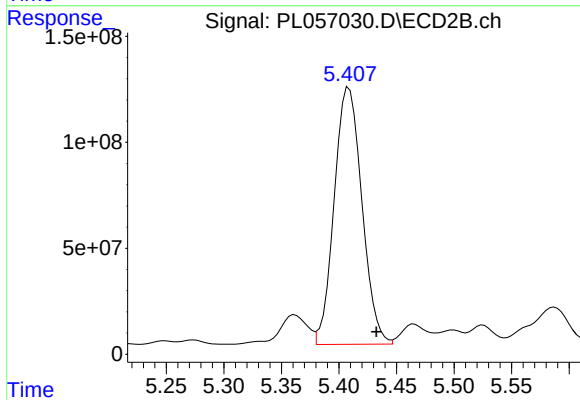
#5 Aldrin

R.T.: 4.739 min
Delta R.T.: 0.008 min
Response: 585661185
Conc: 45.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
C-8MSD

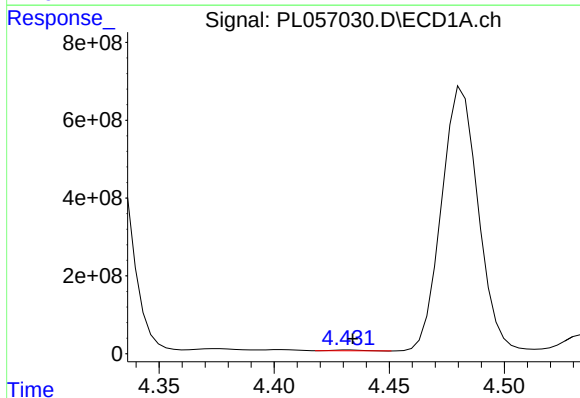
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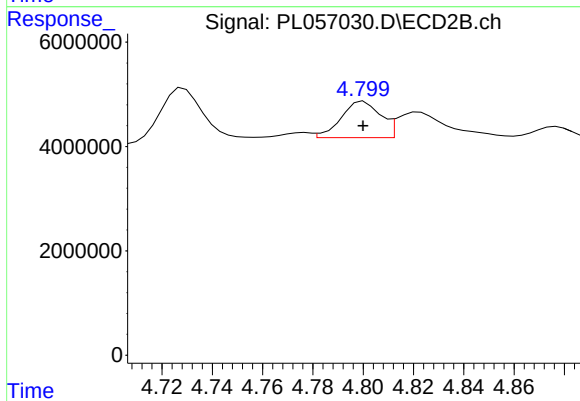
#5 Aldrin

R.T.: 5.409 min
Delta R.T.: -0.024 min
Response: 2036560817
Conc: 681.31 ng/ml



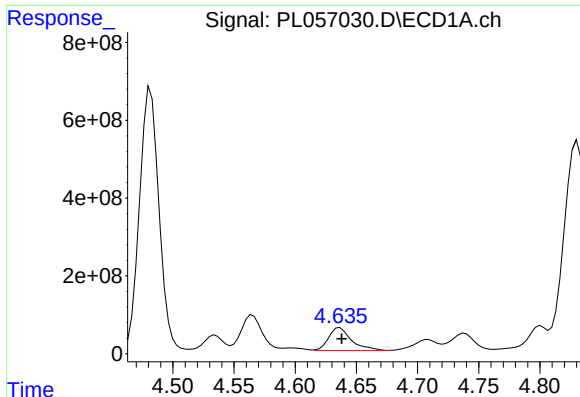
#6 beta-BHC

R.T.: 4.431 min
Delta R.T.: -0.003 min
Response: 20011670
Conc: 3.78 ng/ml m



#6 beta-BHC

R.T.: 4.799 min
Delta R.T.: -0.001 min
Response: 7312422
Conc: 5.19 ng/ml m



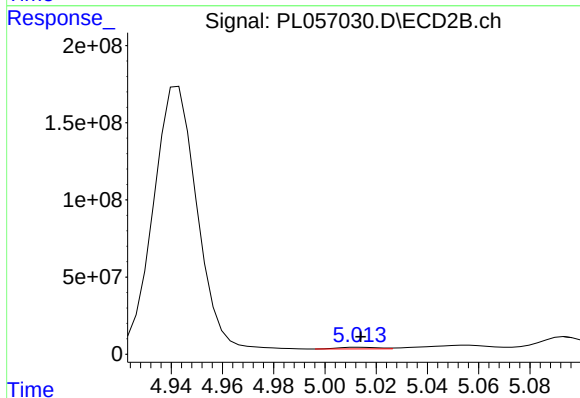
#7 delta-BHC

R.T.: 4.637 min
Delta R.T.: -0.002 min
Response: 772480838
Conc: 59.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
C-8MSD

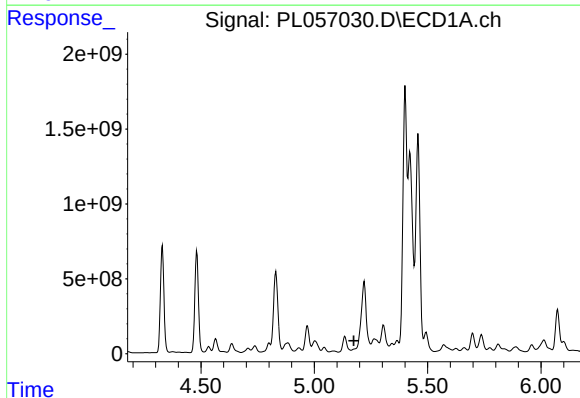
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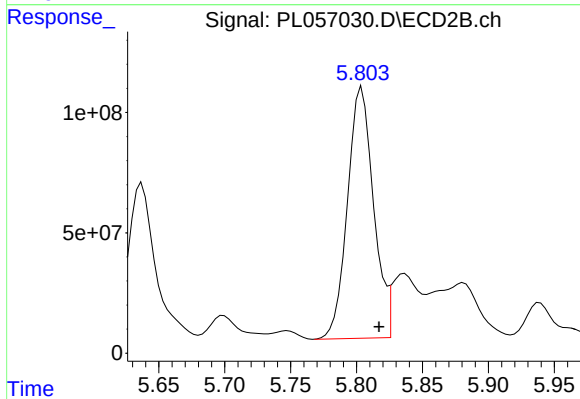
#7 delta-BHC

R.T.: 5.014 min
Delta R.T.: 0.000 min
Response: 11120551
Conc: 4.57 ng/ml



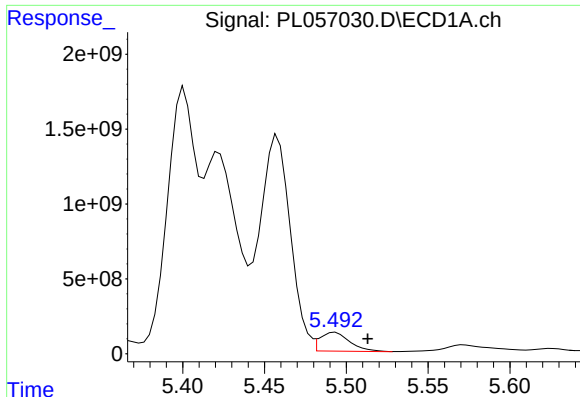
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.174 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

R.T.: 5.804 min
Delta R.T.: -0.013 min
Response: 1432005674
Conc: 516.77 ng/ml



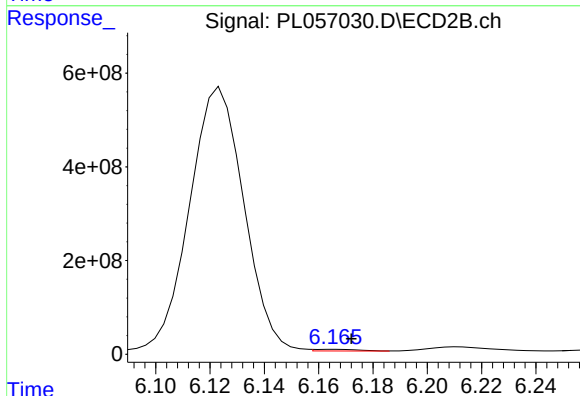
#9 Endosulfan I

R.T.: 5.492 min
Delta R.T.: -0.021 min
Response: 1545858278
Conc: 136.37 ng/ml m

Instrument :
ECD_L
ClientSampleId :
C-8MSD

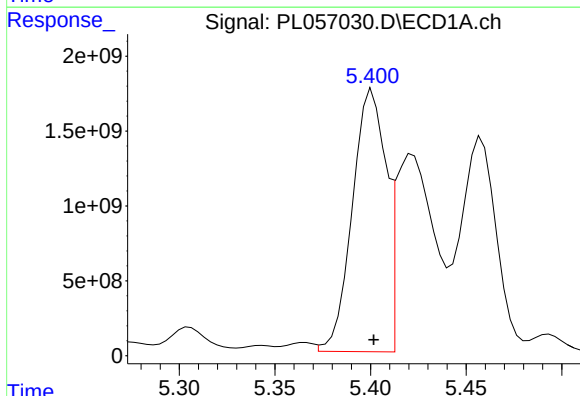
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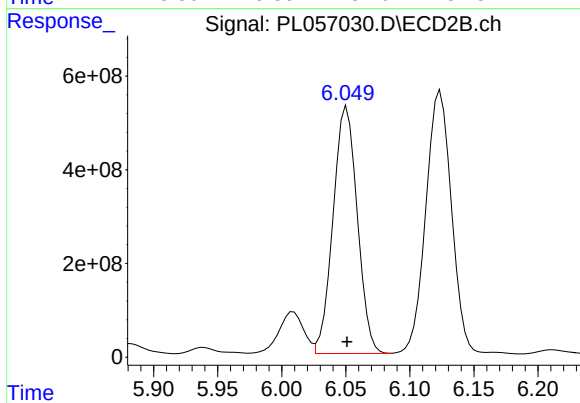
#9 Endosulfan I

R.T.: 6.165 min
Delta R.T.: -0.007 min
Response: 38218115
Conc: 13.68 ng/ml m



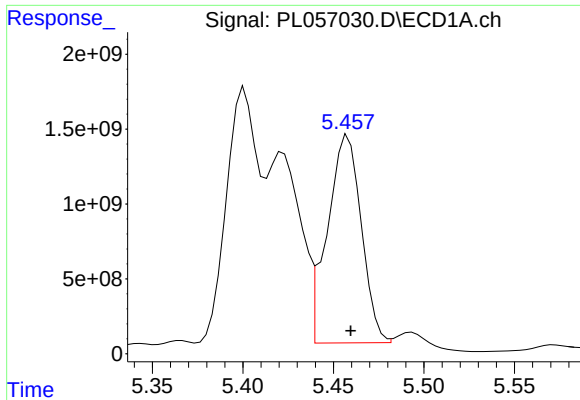
#10 gamma-Chlordane

R.T.: 5.400 min
Delta R.T.: -0.002 min
Response: 20310485597
Conc: 1635.22 ng/ml m



#10 gamma-Chlordane

R.T.: 6.049 min
Delta R.T.: -0.001 min
Response: 6925351633
Conc: 2313.38 ng/ml m



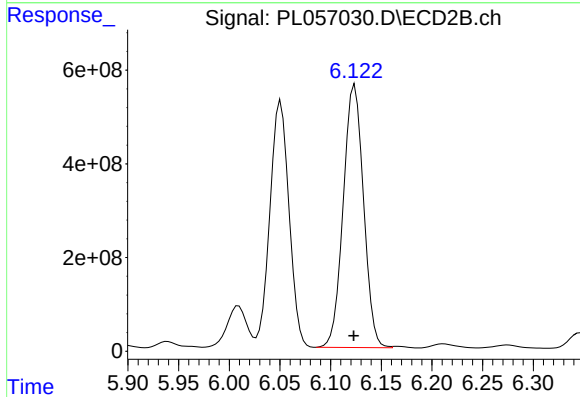
#11 alpha-Chlordane

R.T.: 5.457 min
Delta R.T.: -0.003 min
Response: 17680928572
Conc: 1439.10 ng/ml m

Instrument :
ECD_L
ClientSampleId :
C-8MSD

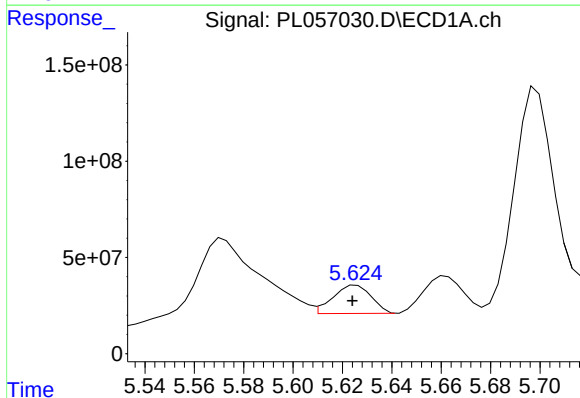
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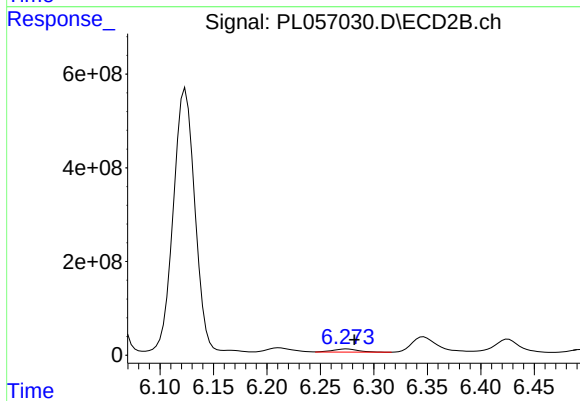
#11 alpha-Chlordane

R.T.: 6.124 min
Delta R.T.: 0.000 min
Response: 7813327179
Conc: 2591.95 ng/ml



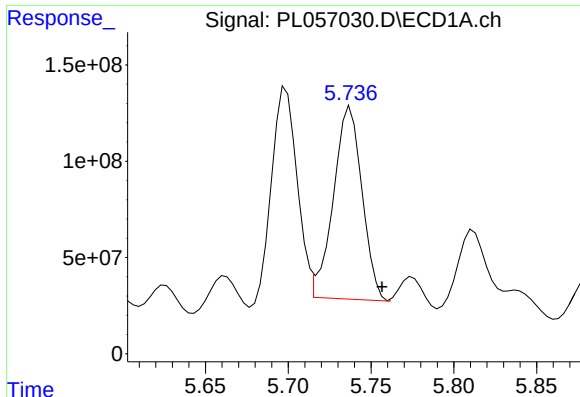
#12 4,4'-DDE

R.T.: 5.624 min
Delta R.T.: 0.000 min
Response: 154432682
Conc: 13.18 ng/ml m



#12 4,4'-DDE

R.T.: 6.275 min
Delta R.T.: -0.007 min
Response: 110644090
Conc: 38.99 ng/ml



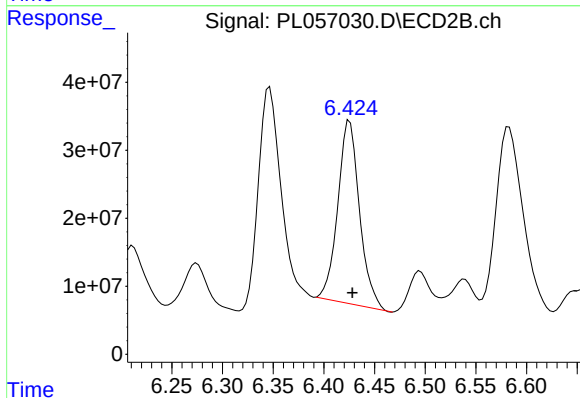
#13 Dieldrin

R.T.: 5.736 min
Delta R.T.: -0.021 min
Response: 1197419298
Conc: 97.94 ng/ml m

Instrument :
ECD_L
ClientSampleId :
C-8MSD

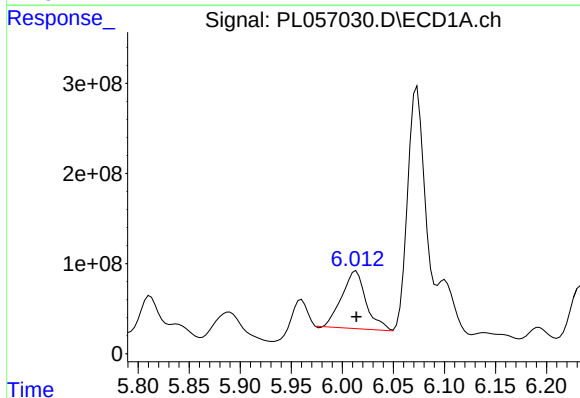
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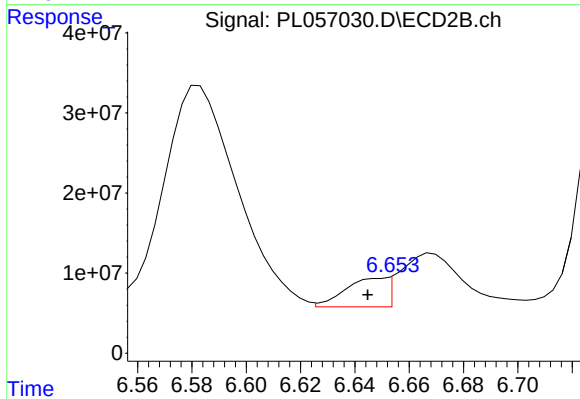
#13 Dieldrin

R.T.: 6.426 min
Delta R.T.: -0.002 min
Response: 402324797
Conc: 136.69 ng/ml



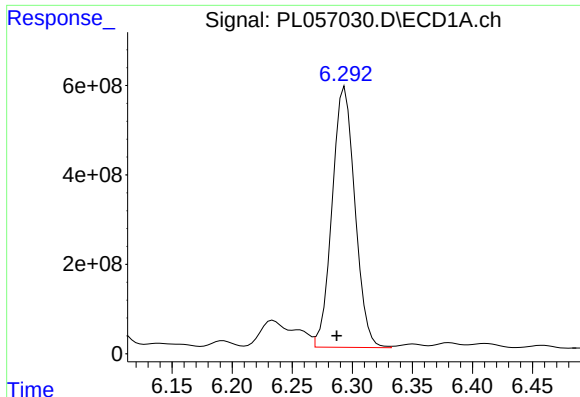
#14 Endrin

R.T.: 6.013 min
Delta R.T.: 0.000 min
Response: 1062056924
Conc: 97.62 ng/ml



#14 Endrin

R.T.: 6.653 min
Delta R.T.: 0.008 min
Response: 46172601
Conc: 17.90 ng/ml m



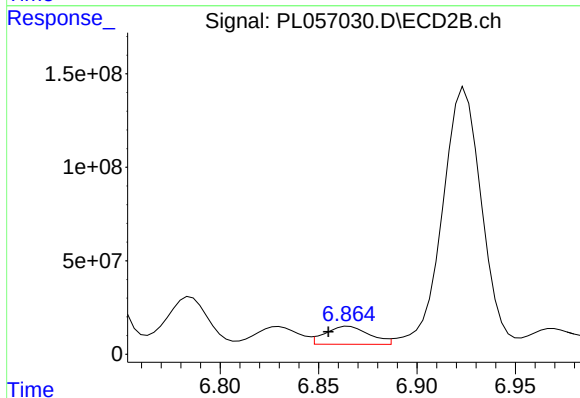
#15 Endosulfan II

R.T.: 6.294 min
Delta R.T.: 0.007 min
Response: 7704585844
Conc: 713.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
C-8MSD

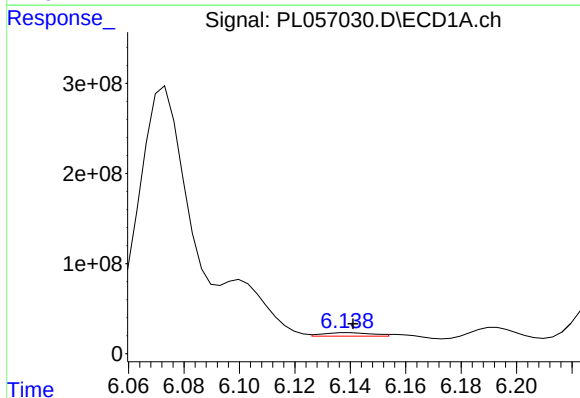
Manual Integrations
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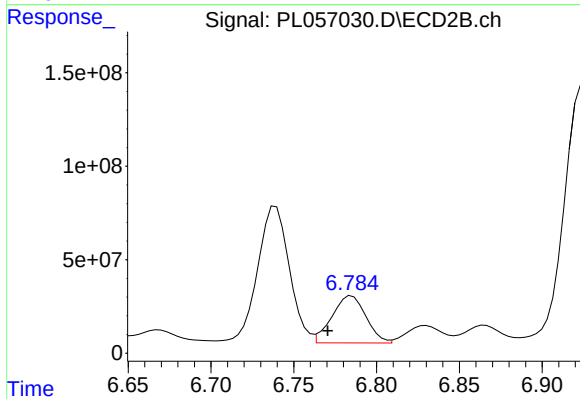
#15 Endosulfan II

R.T.: 6.865 min
Delta R.T.: 0.011 min
Response: 149547821
Conc: 53.29 ng/ml



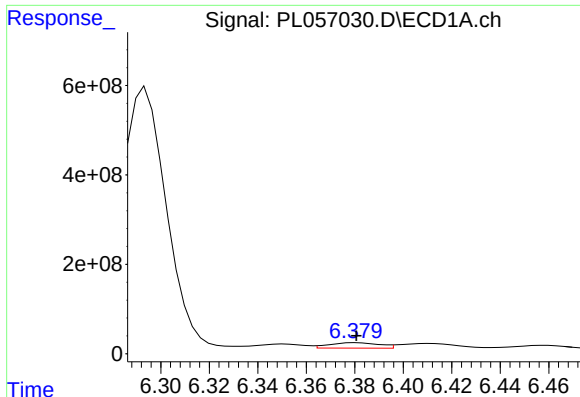
#16 4,4'-DDD

R.T.: 6.138 min
Delta R.T.: -0.003 min
Response: 48931615
Conc: 5.05 ng/ml m



#16 4,4'-DDD

R.T.: 6.785 min
Delta R.T.: 0.015 min
Response: 360780655
Conc: 148.10 ng/ml



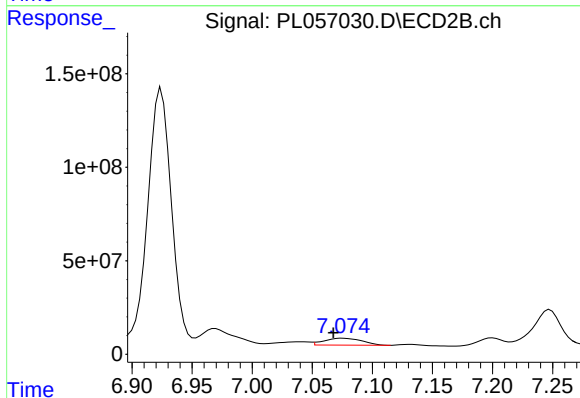
#17 4,4'-DDT

R.T.: 6.381 min
Delta R.T.: 0.000 min
Response: 173675734
Conc: 17.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
C-8MSD

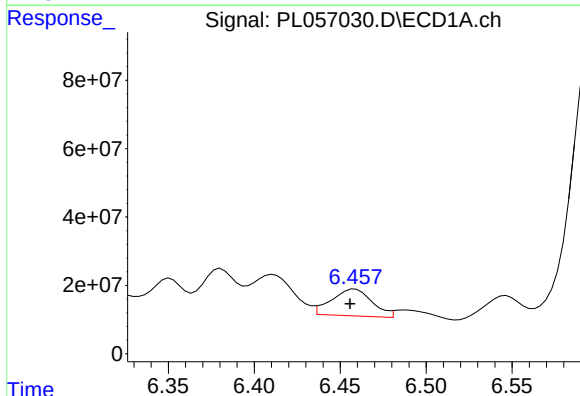
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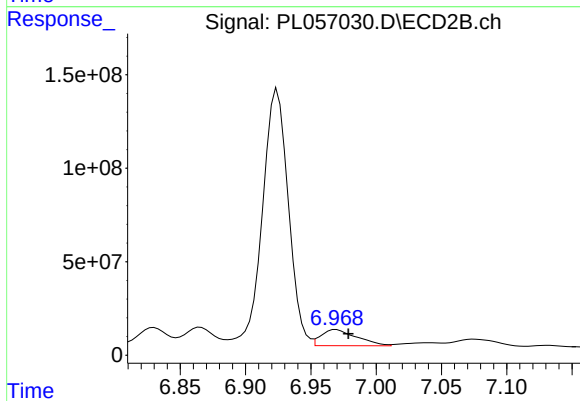
#17 4,4'-DDT

R.T.: 7.075 min
Delta R.T.: 0.007 min
Response: 81453155
Conc: 33.11 ng/ml



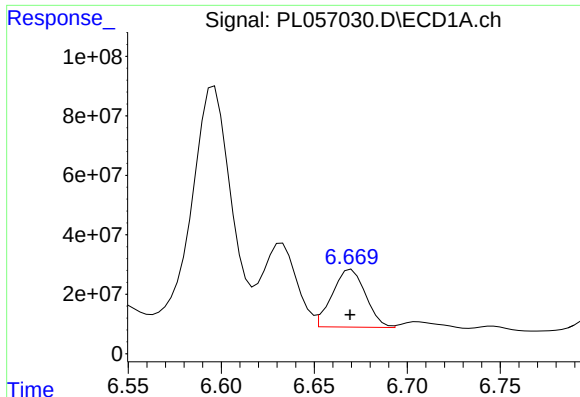
#18 Endrin aldehyde

R.T.: 6.459 min
Delta R.T.: 0.003 min
Response: 128789014
Conc: 14.40 ng/ml



#18 Endrin aldehyde

R.T.: 6.969 min
Delta R.T.: -0.009 min
Response: 163976246
Conc: 70.76 ng/ml



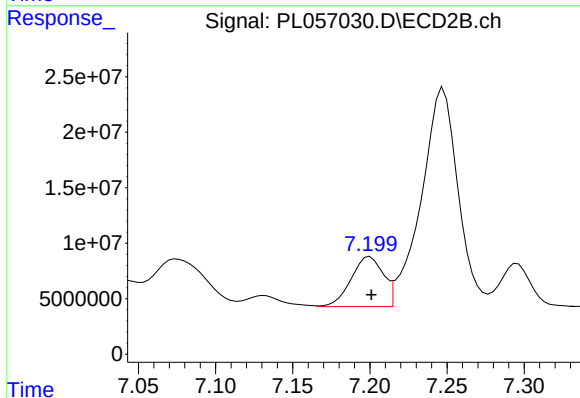
#19 Endosulfan Sulfate

R.T.: 6.670 min
Delta R.T.: 0.000 min
Response: 241664721
Conc: 24.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
C-8MSD

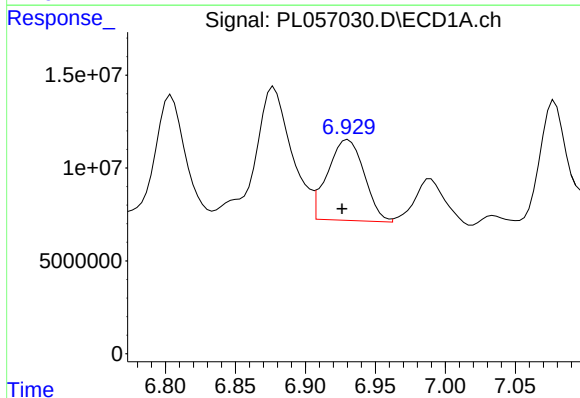
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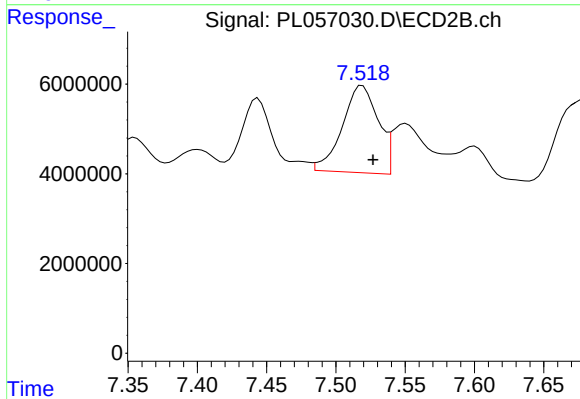
#19 Endosulfan Sulfate

R.T.: 7.199 min
Delta R.T.: -0.002 min
Response: 66234016
Conc: 26.41 ng/ml m



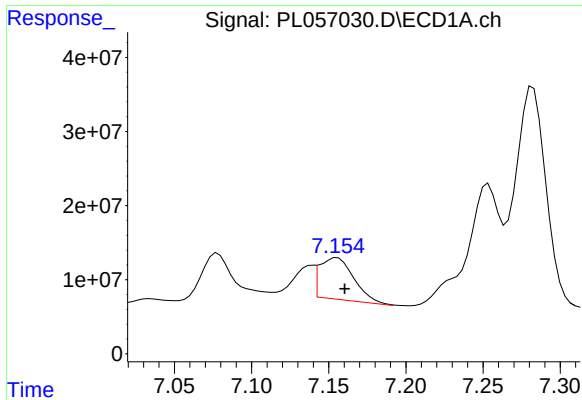
#20 Methoxychlor

R.T.: 6.931 min
Delta R.T.: 0.004 min
Response: 79224671
Conc: 15.89 ng/ml



#20 Methoxychlor

R.T.: 7.519 min
Delta R.T.: -0.008 min
Response: 35098449
Conc: 28.09 ng/ml



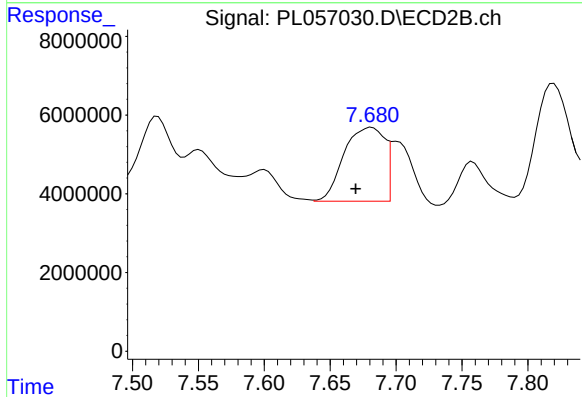
#21 Endrin ketone

R.T.: 7.154 min
Delta R.T.: -0.006 min
Response: 82752542
Conc: 7.33 ng/ml m

Instrument :
ECD_L
ClientSampleId :
C-8MSD

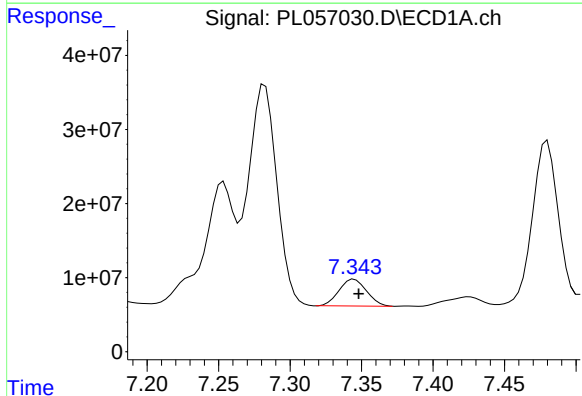
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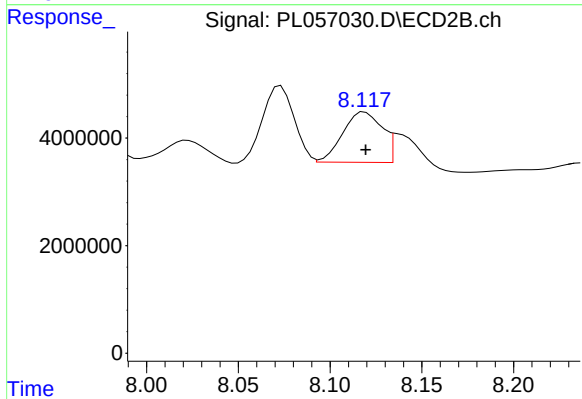
#21 Endrin ketone

R.T.: 7.680 min
Delta R.T.: 0.011 min
Response: 39498814
Conc: 14.41 ng/ml m



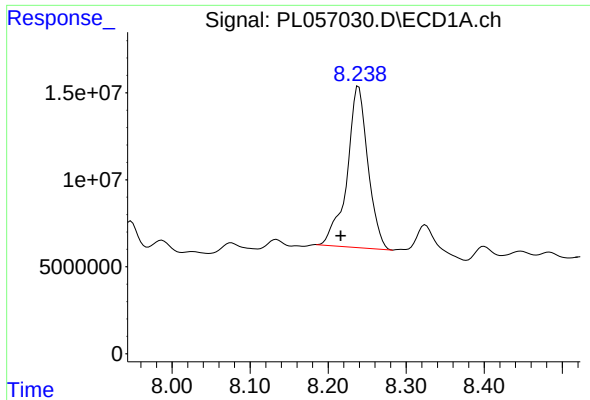
#22 Mirex

R.T.: 7.343 min
Delta R.T.: -0.005 min
Response: 48544629
Conc: 5.99 ng/ml m



#22 Mirex

R.T.: 8.117 min
Delta R.T.: -0.002 min
Response: 14668810
Conc: 7.65 ng/ml m



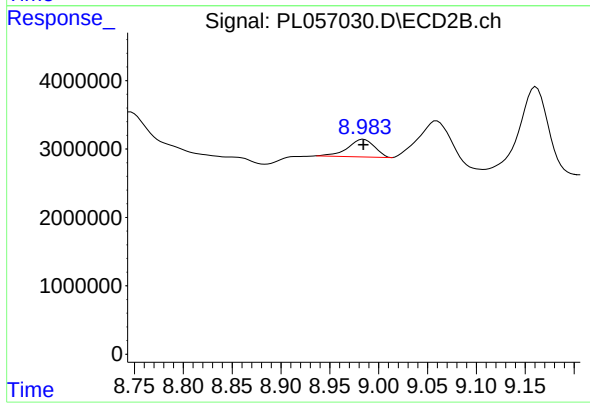
#28 Decachlorobiphenyl

R.T.: 8.238 min
Delta R.T.: 0.022 min
Response: 172721904
Conc: 17.87 ng/ml m

Instrument :
ECD_L
ClientSampleId :
C-8MSD

Manual Integrations
APPROVED

mohammad
3/6/2020 11:21:45 AM



#28 Decachlorobiphenyl

R.T.: 8.985 min
Delta R.T.: 0.000 min
Response: 4916337
Conc: 2.31 ng/ml