

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012420\
 Data File : PL056039.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jan 2020 16:46
 Operator : AJ\MA
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 24 22:20:26 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012020.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 02:21:03 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...	3.492	3.963	478.6E6	145.2E6	49.932	51.376
28)	SA Decachlor...	8.237	8.952	451.7E6	102.0E6	43.200	44.501
Target Compounds							
2)	A alpha-BHC	3.930	4.347	821.5E6	222.3E6	49.506	52.418
3)	MA gamma-BHC...	4.213	4.627	772.5E6	206.1E6	50.918	51.950
4)	MA Heptachlor	4.514	5.126	739.4E6	172.0E6	49.513	50.874
5)	MB Aldrin	4.762	5.427	751.9E6	175.2E6	51.377	51.117
6)	B beta-BHC	4.462	4.794	315.3E6	93389174	49.126	58.848m
7)	B delta-BHC	4.667	5.009	765.4E6	177.1E6	52.222	59.278
8)	B Heptachlo...	5.204	5.808	702.8E6	148.2E6	50.949	49.596
9)	A Endosulfan I	5.543	6.161	639.3E6	144.4E6	49.275	49.599
10)	B gamma-Chl...	5.431	6.039	712.7E6	155.3E6	50.804	50.350
11)	B alpha-Chl...	5.489	6.110	687.4E6	153.8E6	49.721	49.810
12)	B 4,4'-DDE	5.651	6.266	672.0E6	146.2E6	51.451	49.931
13)	MA Dieldrin	5.786	6.414	680.9E6	150.2E6	49.223	49.684
14)	MA Endrin	6.042	6.630	544.5E6	113.1E6	43.096	44.628
15)	B Endosulfa...	6.315	6.838	555.9E6	127.3E6	49.777	47.470
16)	A 4,4'-DDD	6.166	6.752	523.1E6	119.9E6	52.530	52.002
17)	MA 4,4'-DDT	6.406	7.046	462.7E6	102.6E6	45.720	45.442
18)	B Endrin al...	6.482	6.961	478.3E6	108.8E6	46.024	48.178
19)	B Endosulfa...	6.695	7.182	528.5E6	117.8E6	48.870	47.569
20)	A Methoxychlor	6.950	7.500	229.8E6	53374631	44.045	44.732
21)	B Endrin ke...	7.186	7.649	589.3E6	130.7E6	46.806	49.505
22)	Mirex	7.376	8.097	367.7E6	83447053	52.349	45.732

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012420\
Data File : PL056039.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jan 2020 16:46
Operator : AJ\MA
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

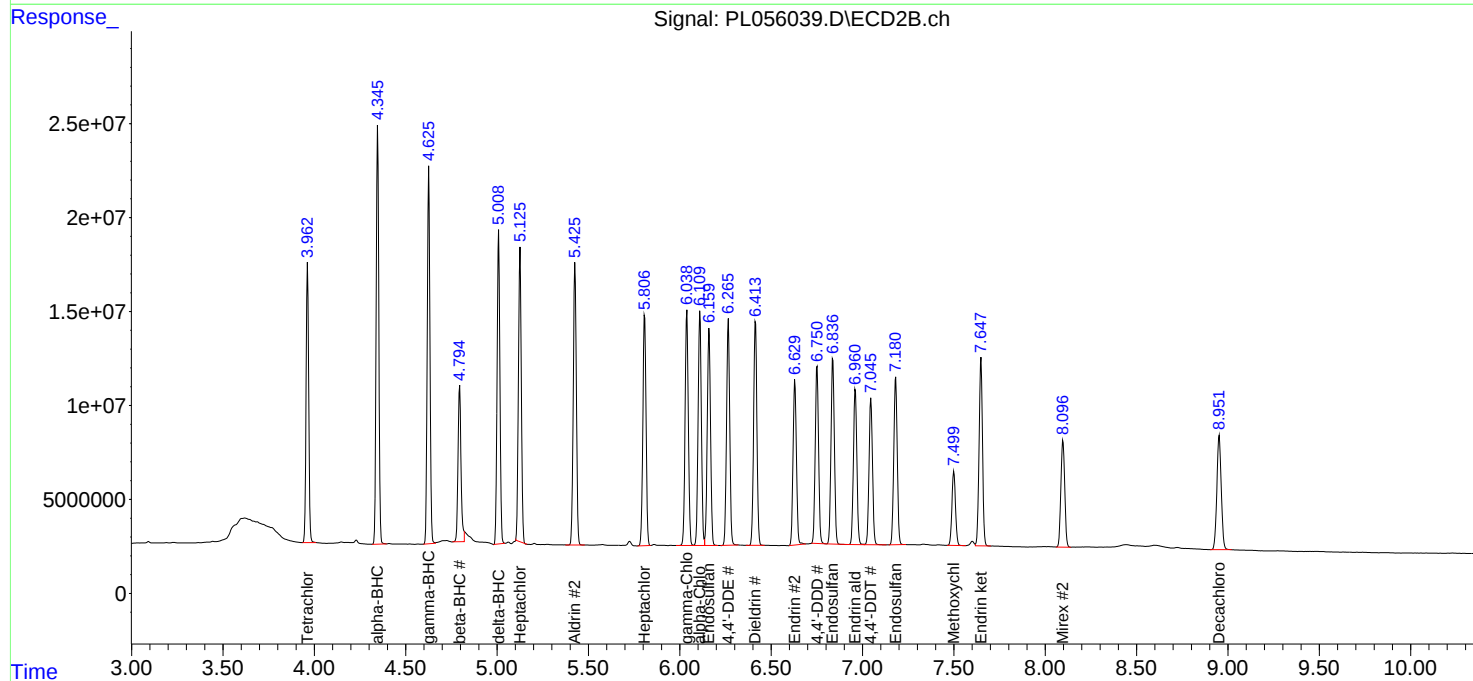
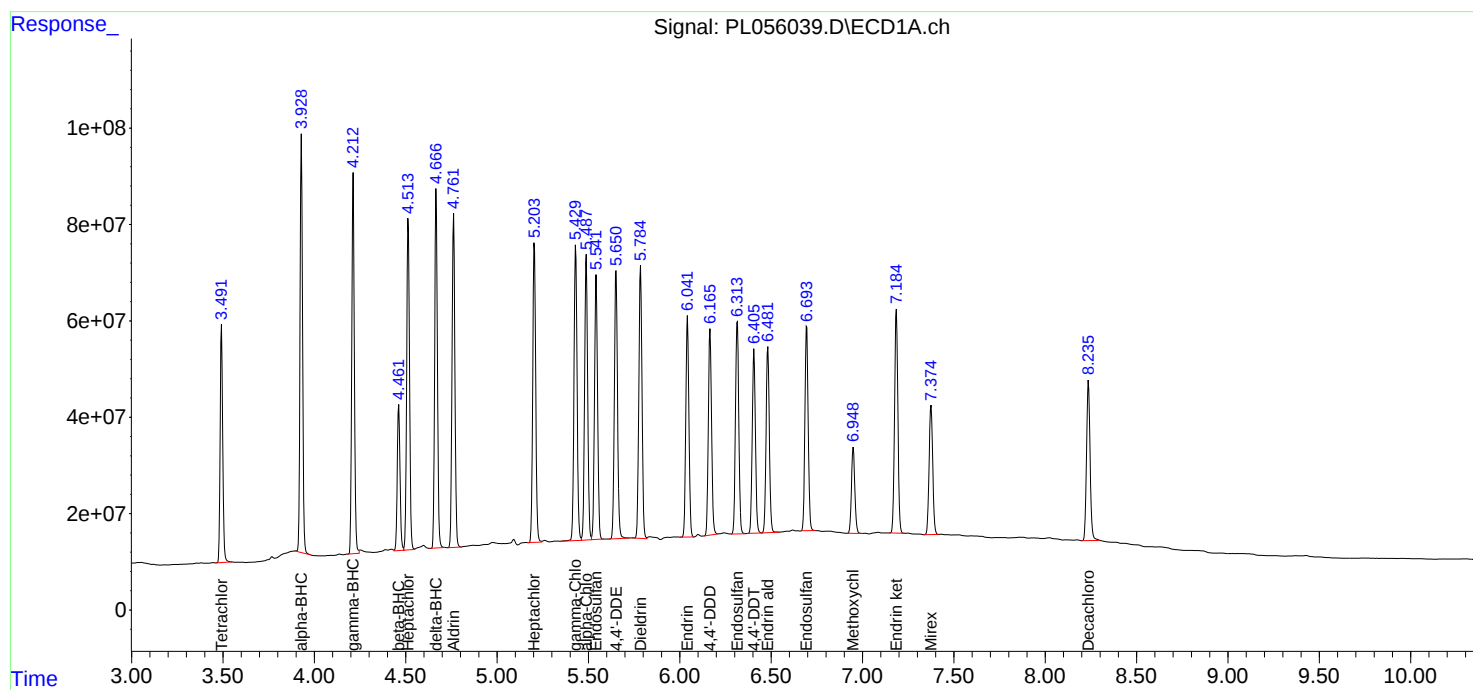
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

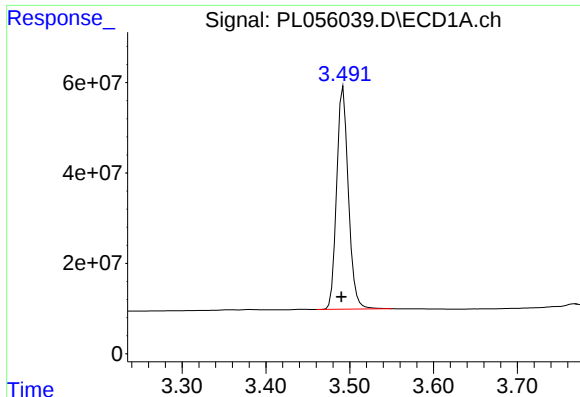
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 24 22:20:26 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012020.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 02:21:03 2020
Response 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





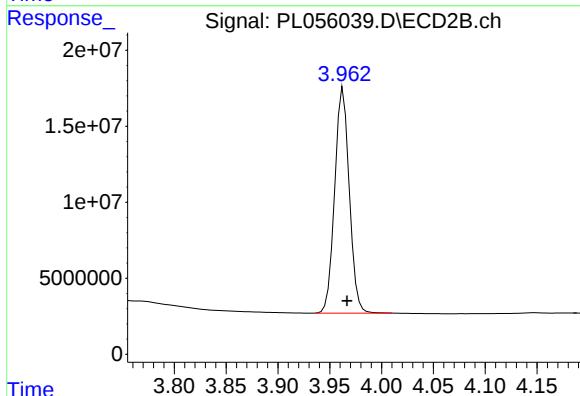
#1 Tetrachloro-m-xylene

R.T.: 3.492 min
Delta R.T.: 0.002 min
Response: 478577152
Conc: 49.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

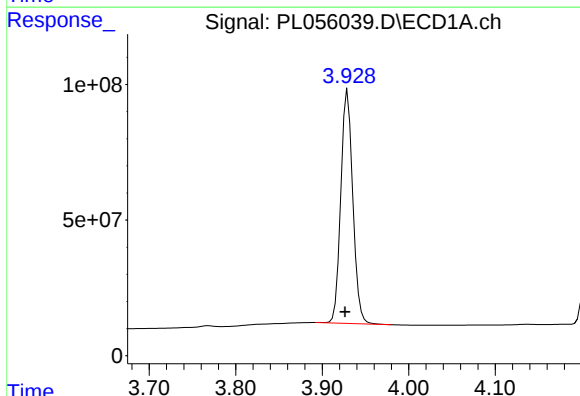
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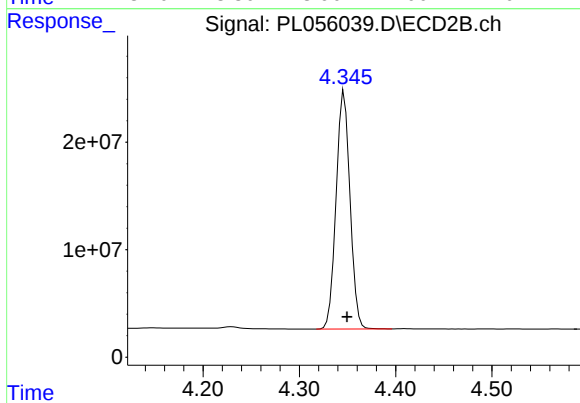
#1 Tetrachloro-m-xylene

R.T.: 3.963 min
Delta R.T.: -0.004 min
Response: 145202375
Conc: 51.38 ng/ml



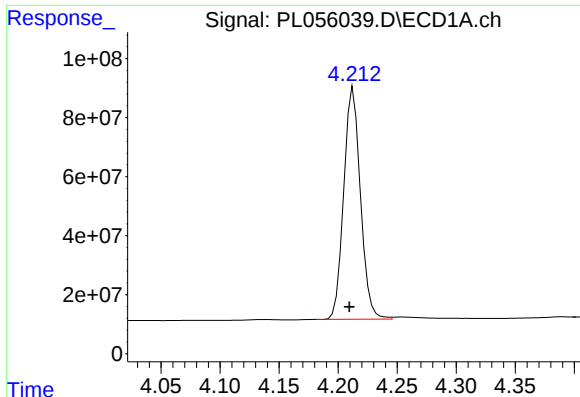
#2 alpha-BHC

R.T.: 3.930 min
Delta R.T.: 0.003 min
Response: 821459559
Conc: 49.51 ng/ml



#2 alpha-BHC

R.T.: 4.347 min
Delta R.T.: -0.003 min
Response: 222294274
Conc: 52.42 ng/ml



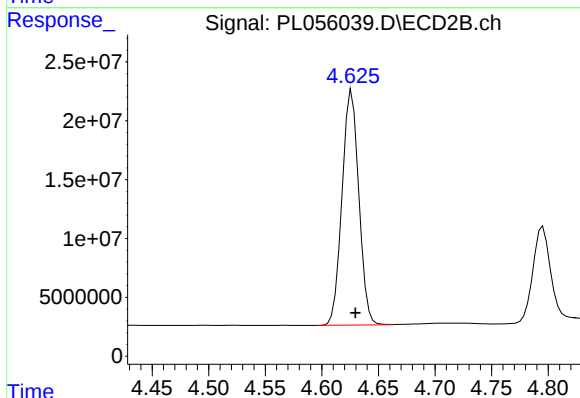
#3 gamma-BHC (Lindane)

R.T.: 4.213 min
Delta R.T.: 0.003 min
Response: 772475851
Conc: 50.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

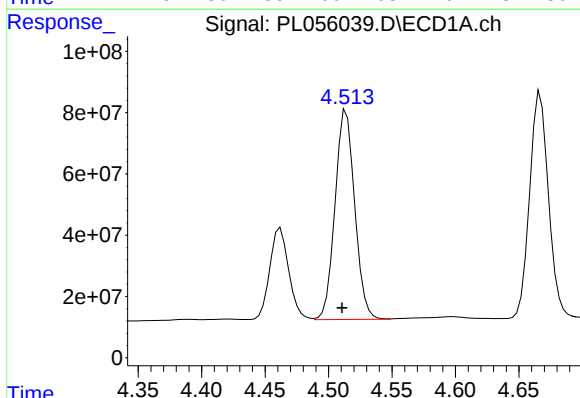
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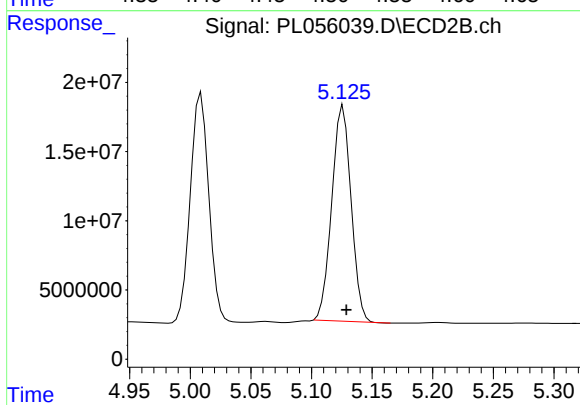
#3 gamma-BHC (Lindane)

R.T.: 4.627 min
Delta R.T.: -0.003 min
Response: 206076652
Conc: 51.95 ng/ml



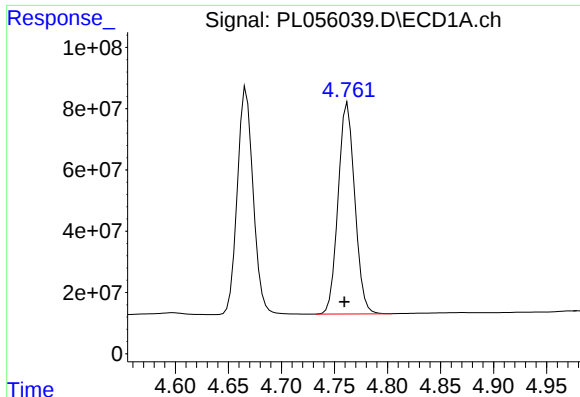
#4 Heptachlor

R.T.: 4.514 min
Delta R.T.: 0.003 min
Response: 739351692
Conc: 49.51 ng/ml



#4 Heptachlor

R.T.: 5.126 min
Delta R.T.: -0.003 min
Response: 172023870
Conc: 50.87 ng/ml



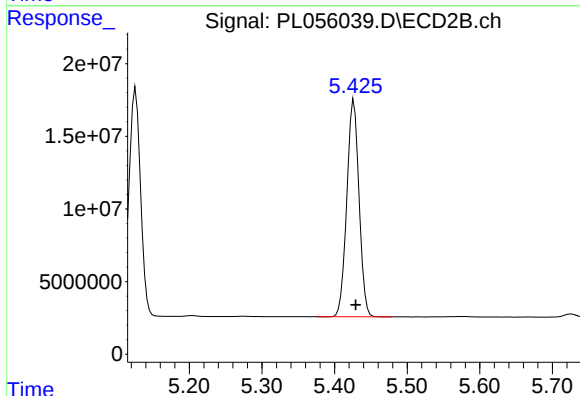
#5 Aldrin

R.T.: 4.762 min
Delta R.T.: 0.003 min
Response: 751938950
Conc: 51.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

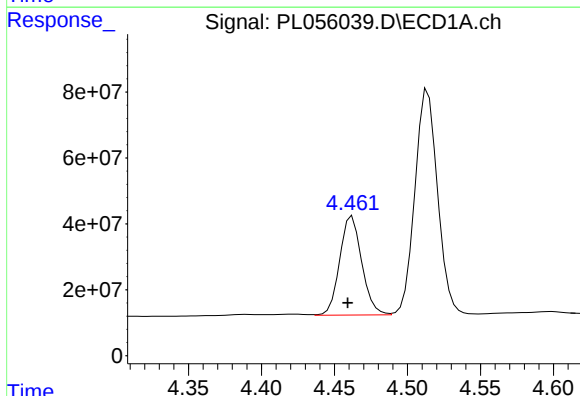
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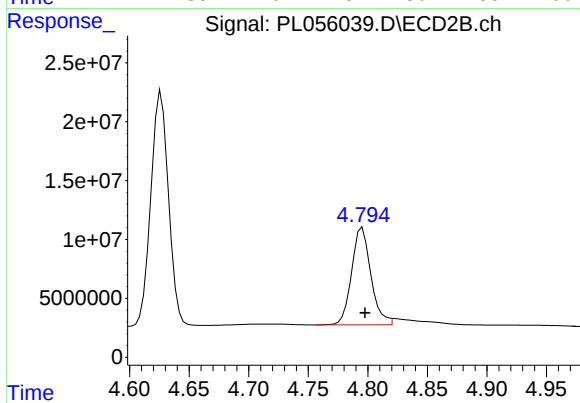
#5 Aldrin

R.T.: 5.427 min
Delta R.T.: -0.002 min
Response: 175224428
Conc: 51.12 ng/ml



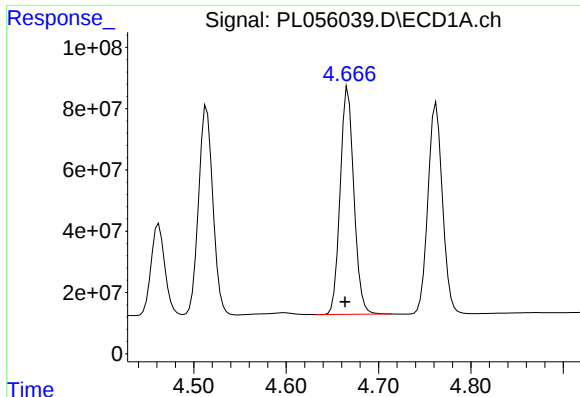
#6 beta-BHC

R.T.: 4.462 min
Delta R.T.: 0.003 min
Response: 315260985
Conc: 49.13 ng/ml



#6 beta-BHC

R.T.: 4.794 min
Delta R.T.: -0.004 min
Response: 93389174
Conc: 58.85 ng/ml m



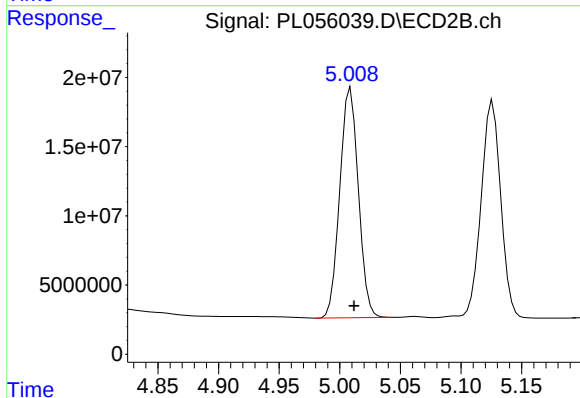
#7 delta-BHC

R.T.: 4.667 min
Delta R.T.: 0.003 min
Response: 765420367
Conc: 52.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

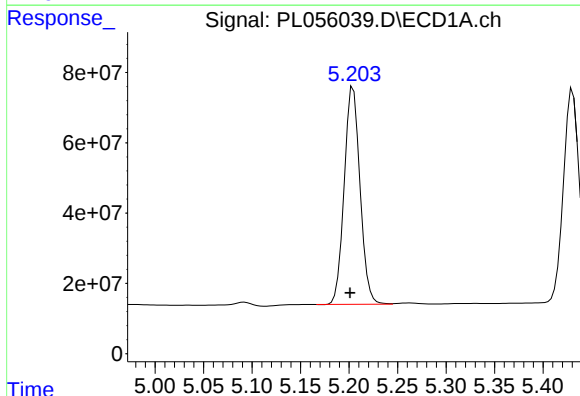
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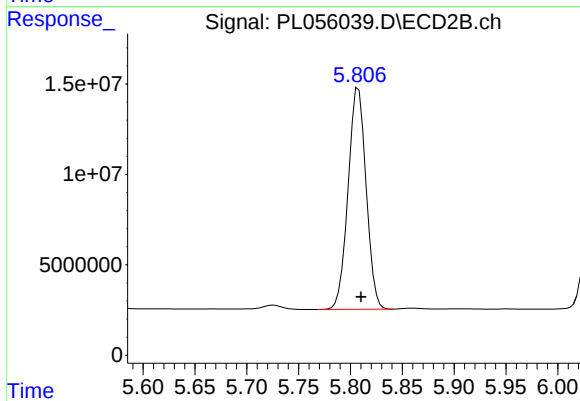
#7 delta-BHC

R.T.: 5.009 min
Delta R.T.: -0.003 min
Response: 177113947
Conc: 59.28 ng/ml



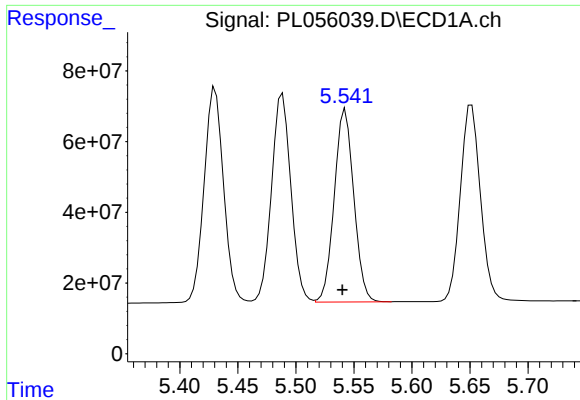
#8 Heptachlor epoxide

R.T.: 5.204 min
Delta R.T.: 0.003 min
Response: 702780619
Conc: 50.95 ng/ml



#8 Heptachlor epoxide

R.T.: 5.808 min
Delta R.T.: -0.002 min
Response: 148197486
Conc: 49.60 ng/ml



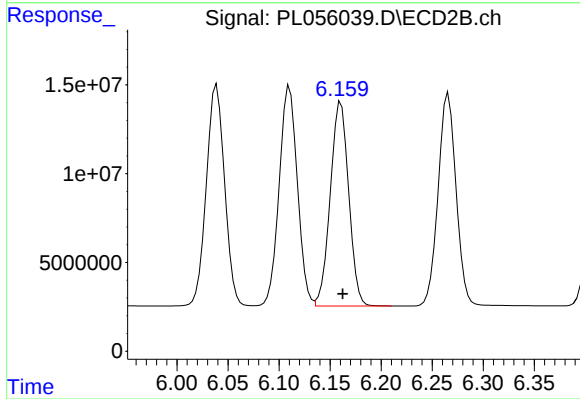
#9 Endosulfan I

R.T.: 5.543 min
Delta R.T.: 0.002 min
Response: 639339305
Conc: 49.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

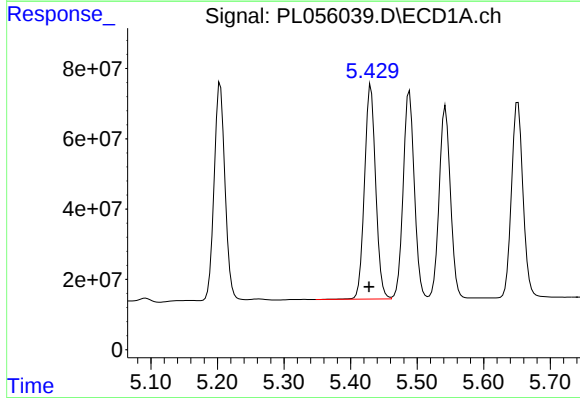
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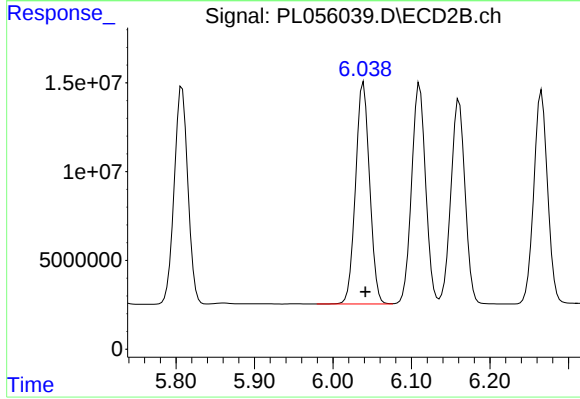
#9 Endosulfan I

R.T.: 6.161 min
Delta R.T.: -0.002 min
Response: 144419868
Conc: 49.60 ng/ml



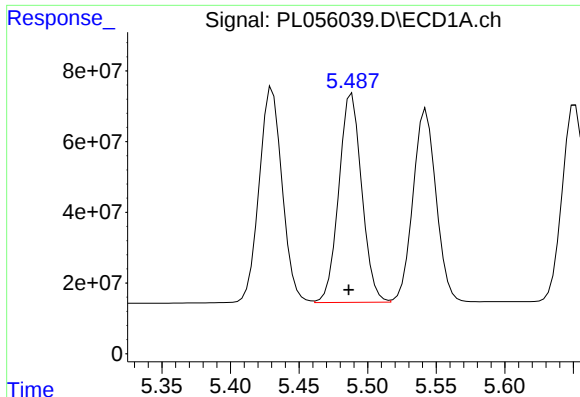
#10 gamma-Chlordane

R.T.: 5.431 min
Delta R.T.: 0.003 min
Response: 712741139
Conc: 50.80 ng/ml



#10 gamma-Chlordane

R.T.: 6.039 min
Delta R.T.: -0.002 min
Response: 155268545
Conc: 50.35 ng/ml



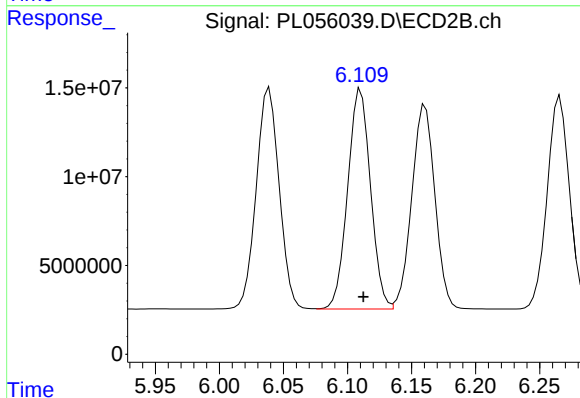
#11 alpha-Chlordane

R.T.: 5.489 min
Delta R.T.: 0.002 min
Response: 687371173
Conc: 49.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

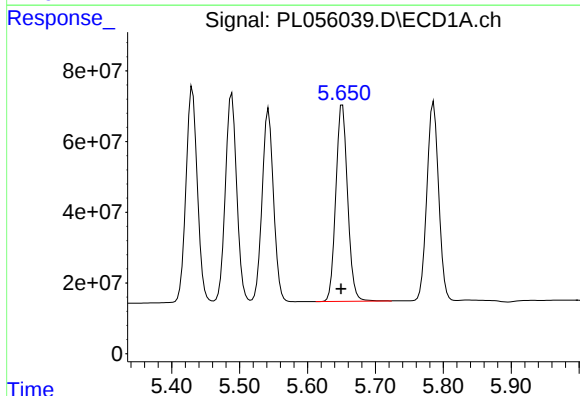
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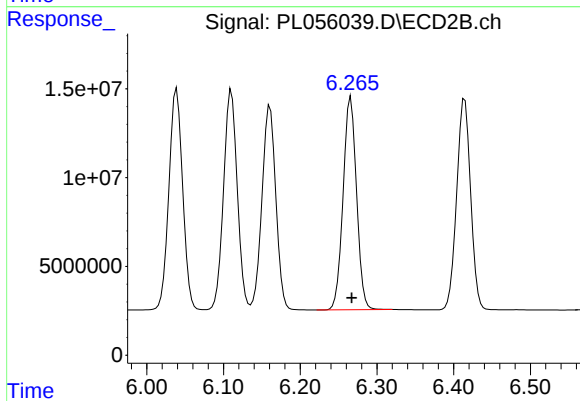
#11 alpha-Chlordane

R.T.: 6.110 min
Delta R.T.: -0.002 min
Response: 153790640
Conc: 49.81 ng/ml



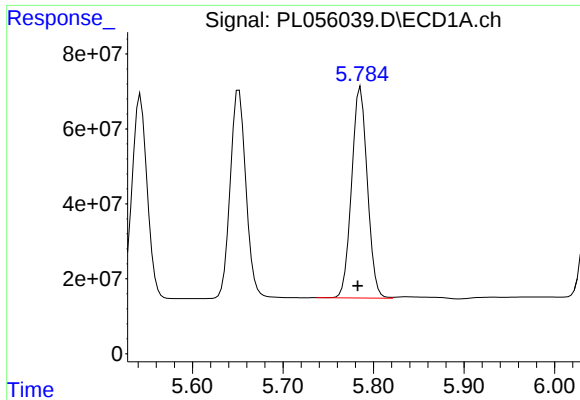
#12 4,4'-DDE

R.T.: 5.651 min
Delta R.T.: 0.002 min
Response: 672031482
Conc: 51.45 ng/ml



#12 4,4'-DDE

R.T.: 6.266 min
Delta R.T.: -0.002 min
Response: 146224881
Conc: 49.93 ng/ml



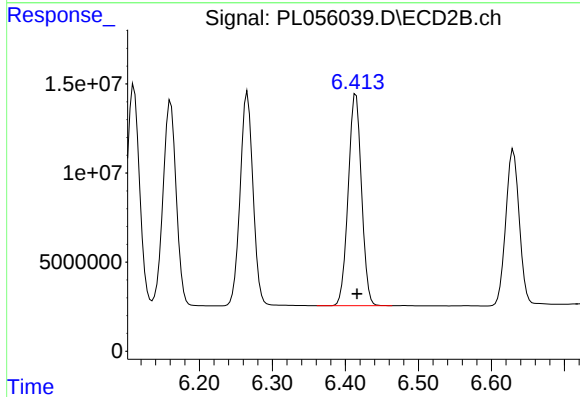
#13 Dieldrin

R.T.: 5.786 min
Delta R.T.: 0.003 min
Response: 680864161
Conc: 49.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

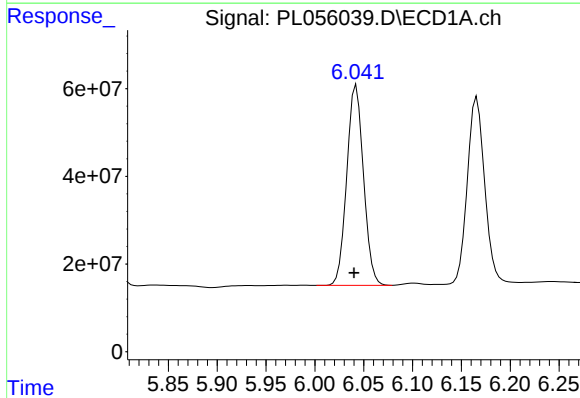
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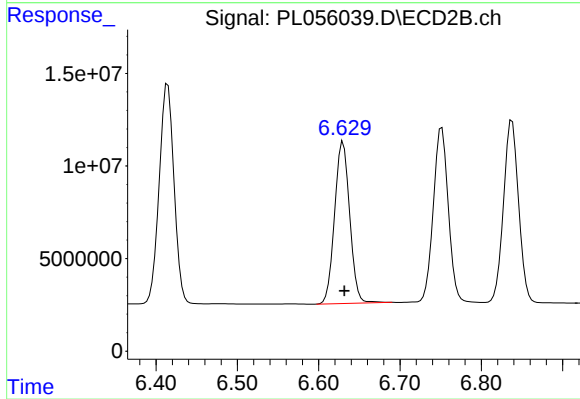
#13 Dieldrin

R.T.: 6.414 min
Delta R.T.: -0.001 min
Response: 150152171
Conc: 49.68 ng/ml



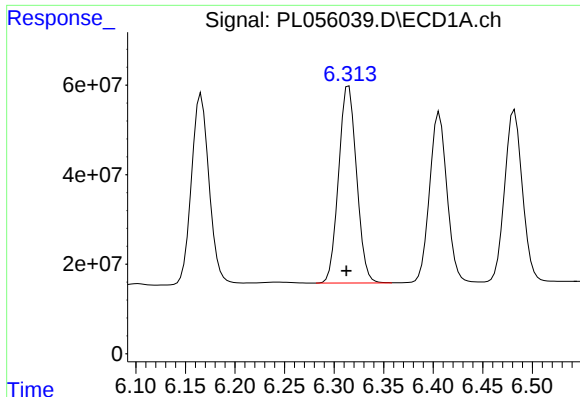
#14 Endrin

R.T.: 6.042 min
Delta R.T.: 0.002 min
Response: 544458766
Conc: 43.10 ng/ml



#14 Endrin

R.T.: 6.630 min
Delta R.T.: -0.001 min
Response: 113074877
Conc: 44.63 ng/ml



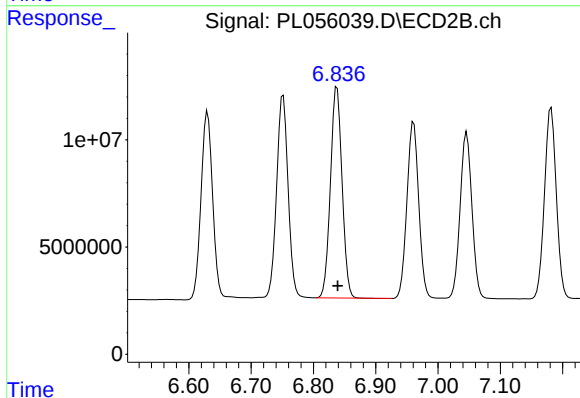
#15 Endosulfan II

R.T.: 6.315 min
Delta R.T.: 0.002 min
Response: 555874819
Conc: 49.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

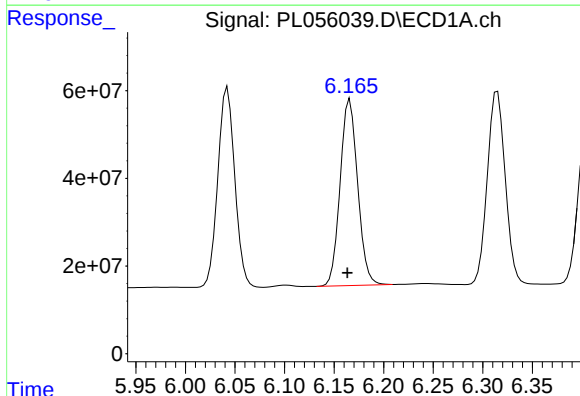
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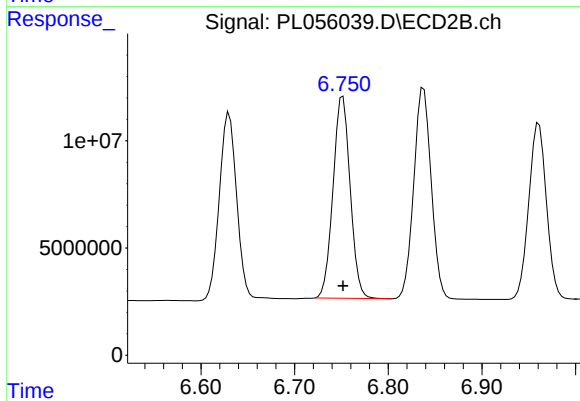
#15 Endosulfan II

R.T.: 6.838 min
Delta R.T.: -0.001 min
Response: 127306232
Conc: 47.47 ng/ml



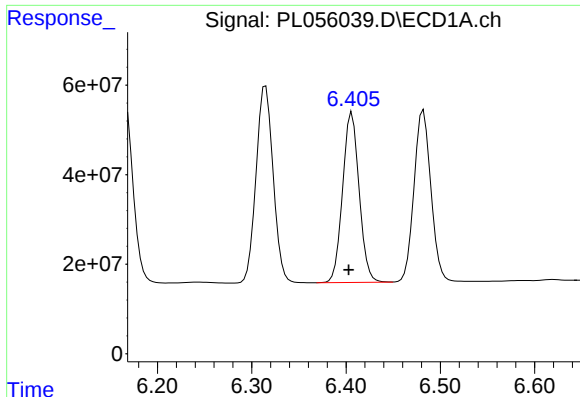
#16 4,4'-DDD

R.T.: 6.166 min
Delta R.T.: 0.002 min
Response: 523068395
Conc: 52.53 ng/ml



#16 4,4'-DDD

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 119882430
Conc: 52.00 ng/ml



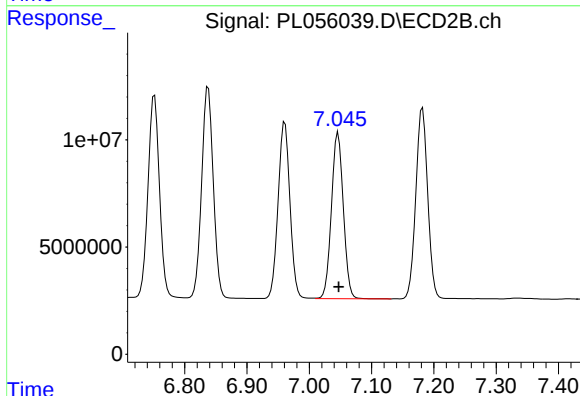
#17 4,4'-DDT

R.T.: 6.406 min
Delta R.T.: 0.003 min
Response: 462727256
Conc: 45.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

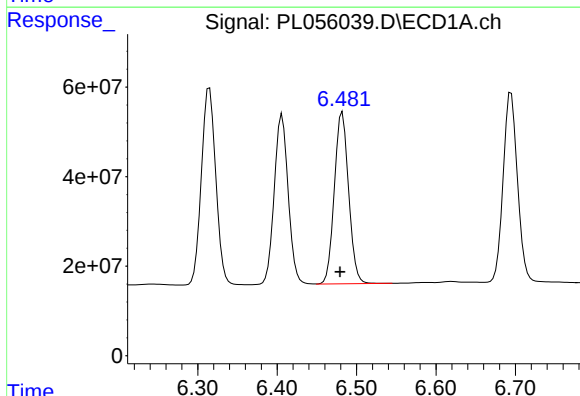
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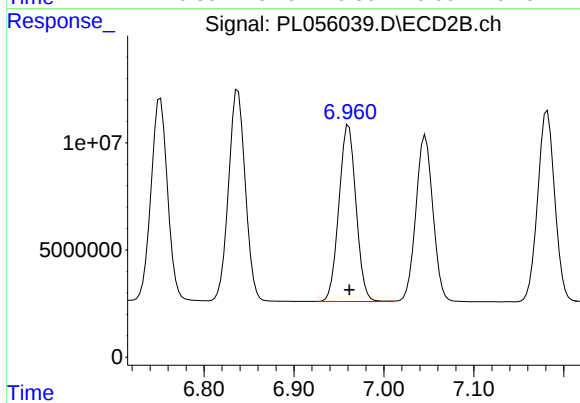
#17 4,4'-DDT

R.T.: 7.046 min
Delta R.T.: -0.001 min
Response: 102598050
Conc: 45.44 ng/ml



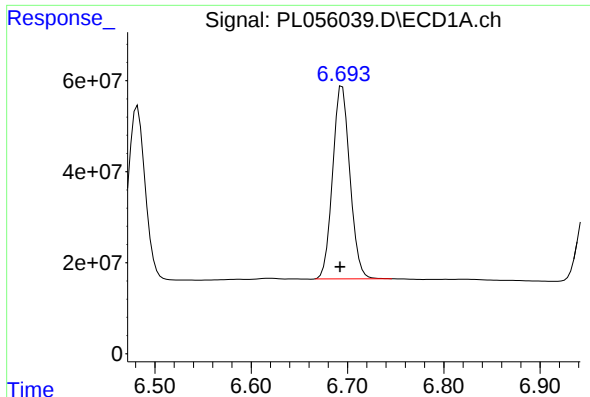
#18 Endrin aldehyde

R.T.: 6.482 min
Delta R.T.: 0.003 min
Response: 478307791
Conc: 46.02 ng/ml



#18 Endrin aldehyde

R.T.: 6.961 min
Delta R.T.: 0.000 min
Response: 108758870
Conc: 48.18 ng/ml



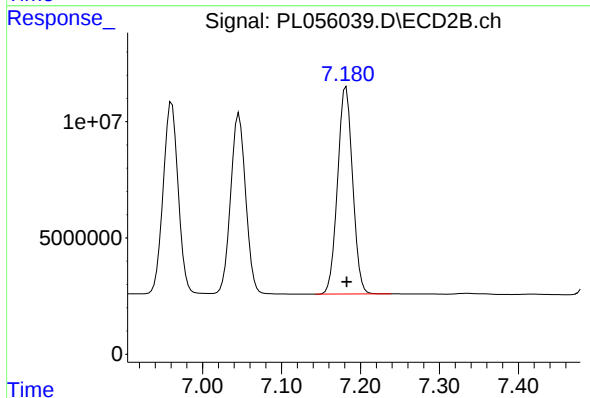
#19 Endosulfan Sulfate

R.T.: 6.695 min
Delta R.T.: 0.002 min
Response: 528527019
Conc: 48.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

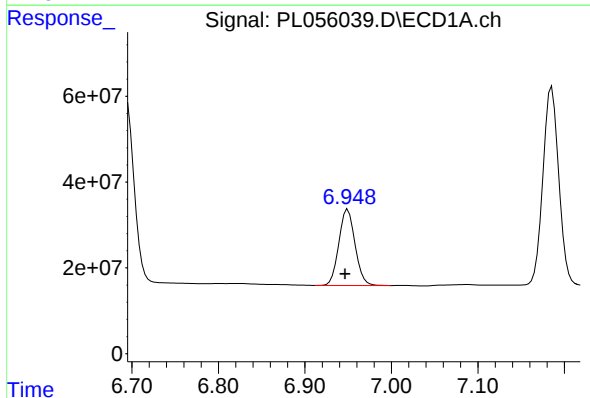
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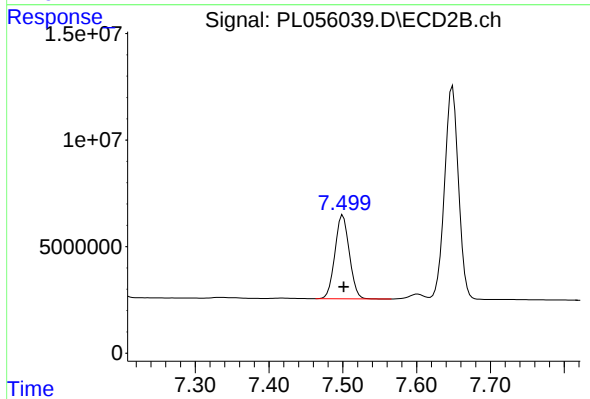
#19 Endosulfan Sulfate

R.T.: 7.182 min
Delta R.T.: 0.000 min
Response: 117762529
Conc: 47.57 ng/ml



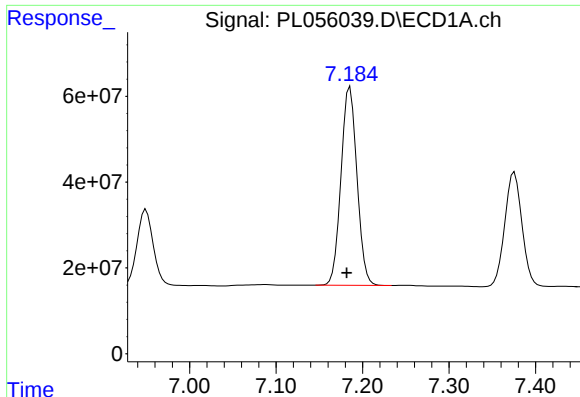
#20 Methoxychlor

R.T.: 6.950 min
Delta R.T.: 0.003 min
Response: 229844397
Conc: 44.04 ng/ml



#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: -0.001 min
Response: 53374631
Conc: 44.73 ng/ml



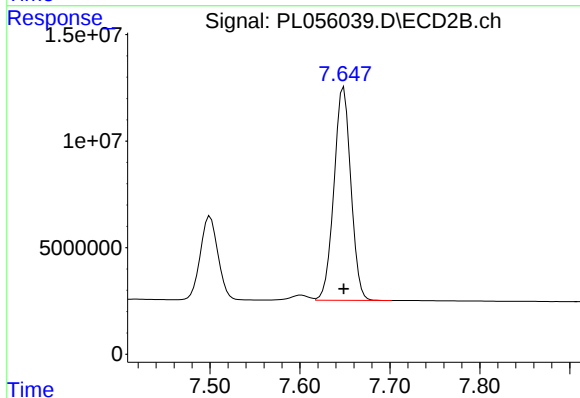
#21 Endrin ketone

R.T.: 7.186 min
Delta R.T.: 0.004 min
Response: 589250818
Conc: 46.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

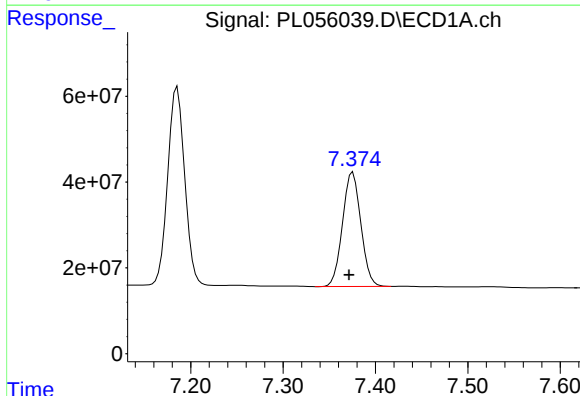
Manual Integrations
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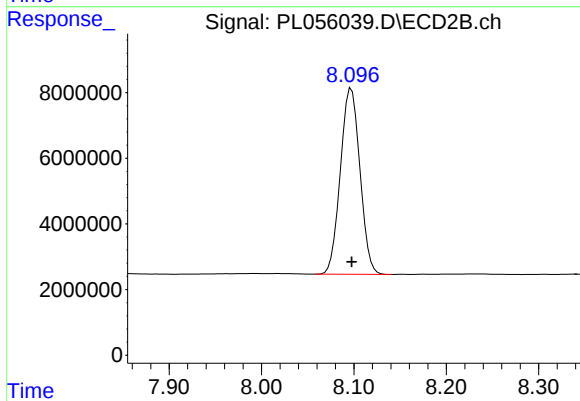
#21 Endrin ketone

R.T.: 7.649 min
Delta R.T.: 0.000 min
Response: 130726507
Conc: 49.51 ng/ml



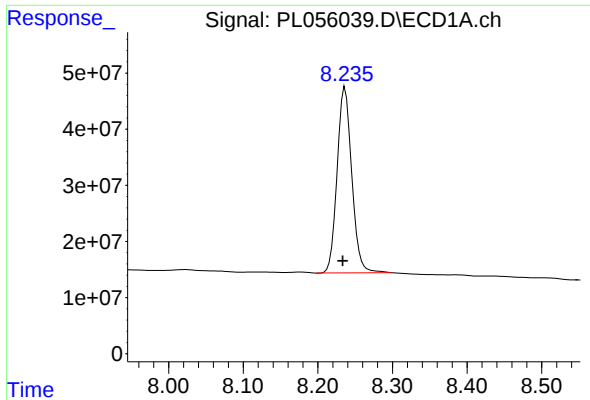
#22 Mirex

R.T.: 7.376 min
Delta R.T.: 0.004 min
Response: 367666116
Conc: 52.35 ng/ml



#22 Mirex

R.T.: 8.097 min
Delta R.T.: 0.000 min
Response: 83447053
Conc: 45.73 ng/ml



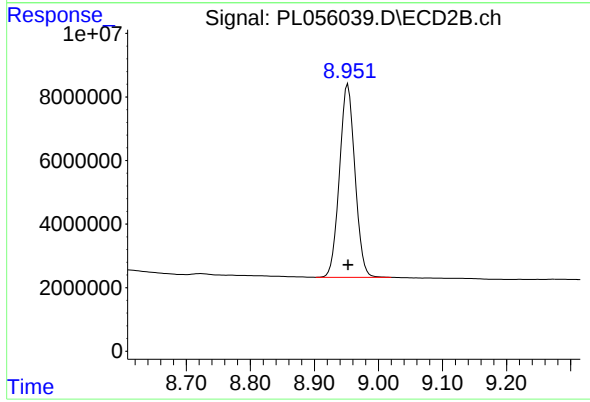
#28 Decachlorobiphenyl

R.T.: 8.237 min
Delta R.T.: 0.003 min
Response: 451687698
Conc: 43.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

mohammad
1/27/2020 2:09:43 PM



#28 Decachlorobiphenyl

R.T.: 8.952 min
Delta R.T.: 0.000 min
Response: 101951325
Conc: 44.50 ng/ml