

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031820\
 Data File : PL057460.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Mar 2020 15:41
 Operator : AJ\MA
 Sample : PB127638BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB127638BS

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 01:28:05 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...	3.462	3.956	250.2E6	56986756	26.997	26.267
28)	SA Decachlor...	8.207	8.977	258.5E6	57262392	24.429	25.825
Target Compounds							
2)	A alpha-BHC	3.899	4.344	849.8E6	165.5E6	53.350	51.511
3)	MA gamma-BHC...	4.183	4.626	771.9E6	159.0E6	53.703	50.664
4)	MA Heptachlor	4.483	5.128	774.8E6	159.0E6	52.165	50.498
5)	MB Aldrin	4.730	5.430	757.7E6	160.5E6	54.928	52.610
6)	B beta-BHC	4.434	4.798	324.8E6	80266288	55.241	55.650m
7)	B delta-BHC	4.638	5.013	755.5E6	149.7E6	53.829	57.069
8)	B Heptachlo...	5.173	5.814	700.8E6	152.1E6	54.681	55.753
9)	A Endosulfan I	5.511	6.168	648.6E6	148.0E6	54.554	52.017
10)	B gamma-Chl...	5.400	6.047	711.1E6	162.3E6	54.533	52.660
11)	B alpha-Chl...	5.458	6.119	690.3E6	159.9E6	53.419	51.382
12)	B 4,4'-DDE	5.621	6.278	686.1E6	149.3E6	55.083	52.533
13)	MA Dieldrin	5.754	6.424	698.5E6	153.3E6	55.382	51.843
14)	MA Endrin	6.011	6.640	529.3E6	108.0E6	46.304	44.767
15)	B Endosulfa...	6.284	6.851	574.6E6	126.7E6	52.904	48.229
16)	A 4,4'-DDD	6.137	6.767	566.9E6	124.0E6	57.836	54.288
17)	MA 4,4'-DDT	6.377	7.063	465.9E6	98770458	46.713	43.365
18)	B Endrin al...	6.452	6.974	495.7E6	113.3E6	53.677	50.980
19)	B Endosulfa...	6.665	7.196	557.5E6	122.1E6	55.517	50.071
20)	A Methoxychlor	6.921	7.522	231.9E6	54001240	43.218	41.521
21)	B Endrin ke...	7.155	7.664	634.2E6	139.1E6	56.109	53.736
22)	Mirex	7.342	8.114	428.8E6	95453876	52.945	49.988

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031820\
Data File : PL057460.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Mar 2020 15:41
Operator : AJ\MA
Sample : PB127638BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

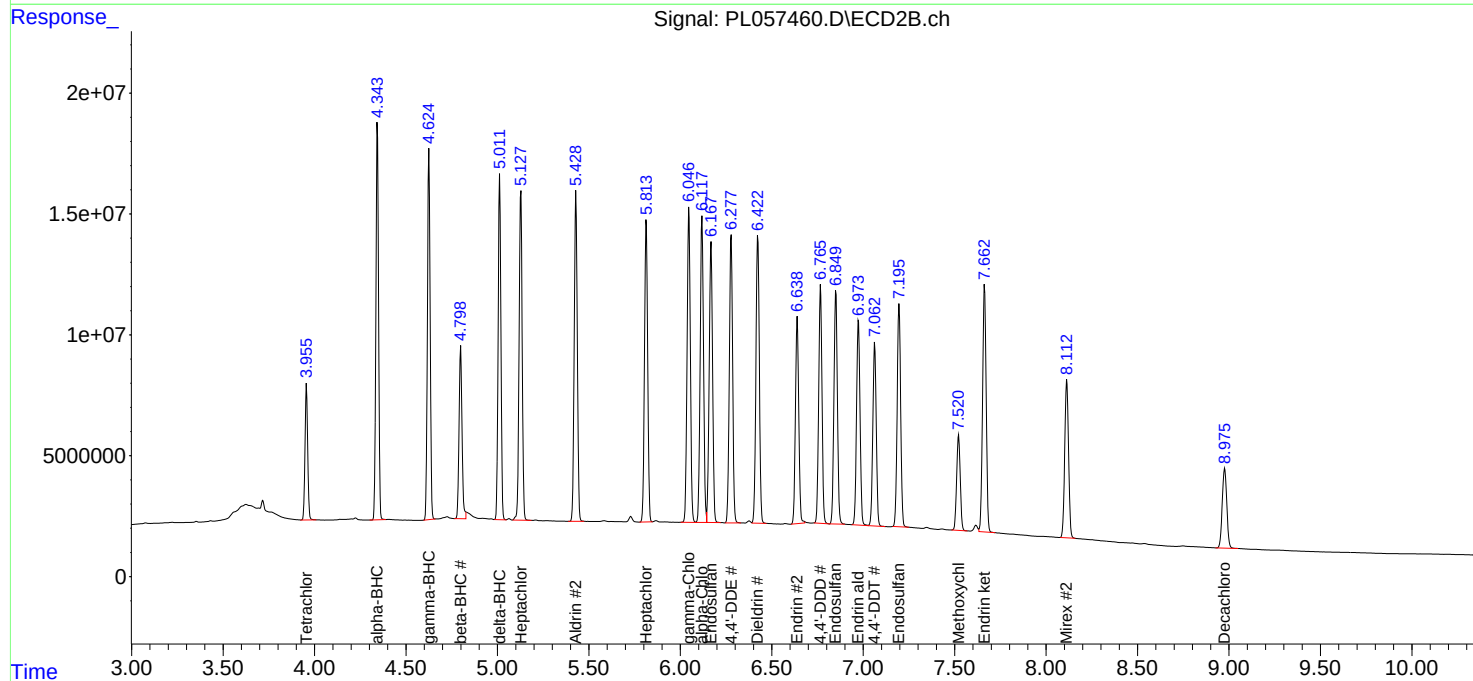
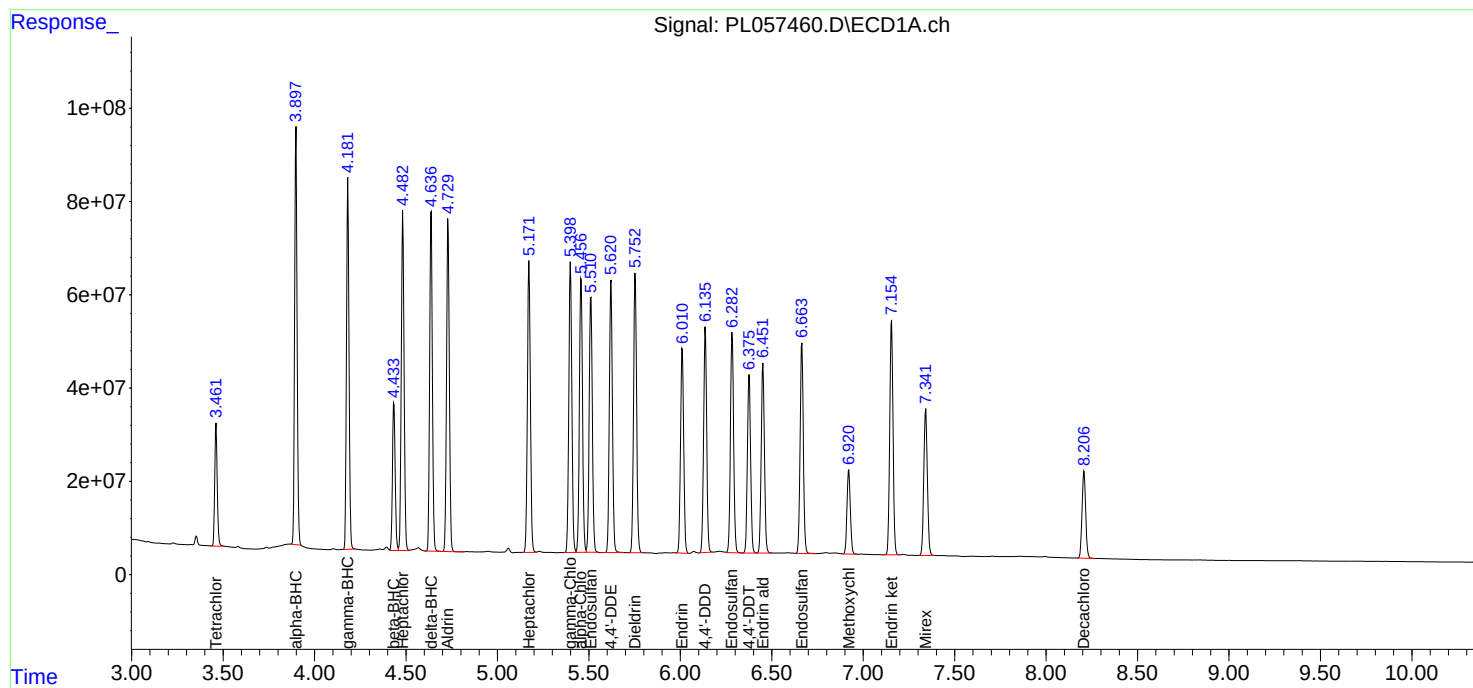
Instrument :
ECD_L
ClientSampleId :
PB127638BS

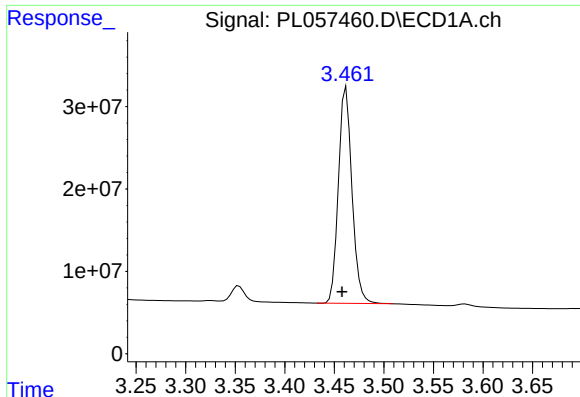
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 19 01:28:05 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031420.M
Quant Title : GC Extractables
QLast Update : Mon Mar 16 09:40:37 2020
Response 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





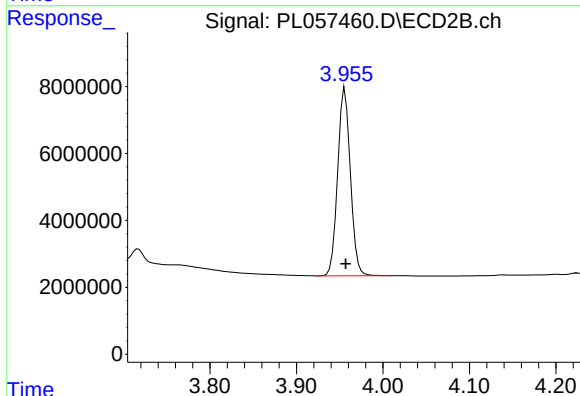
#1 Tetrachloro-m-xylene

R.T.: 3.462 min
Delta R.T.: 0.004 min
Response: 250247530
Conc: 27.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127638BS

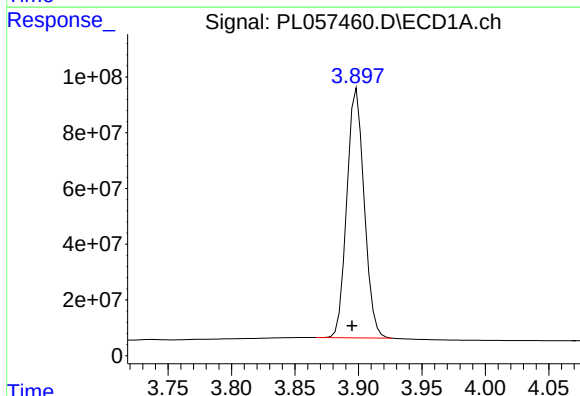
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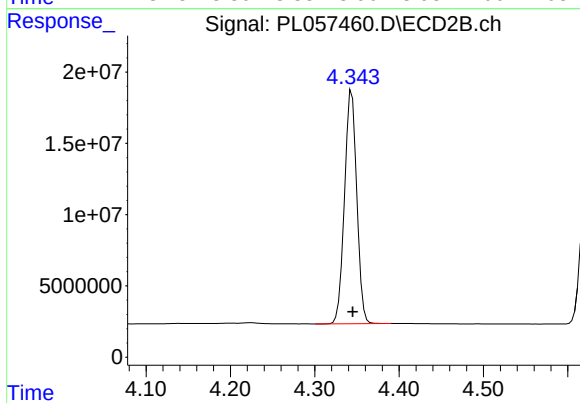
#1 Tetrachloro-m-xylene

R.T.: 3.956 min
Delta R.T.: 0.000 min
Response: 56986756
Conc: 26.27 ng/ml



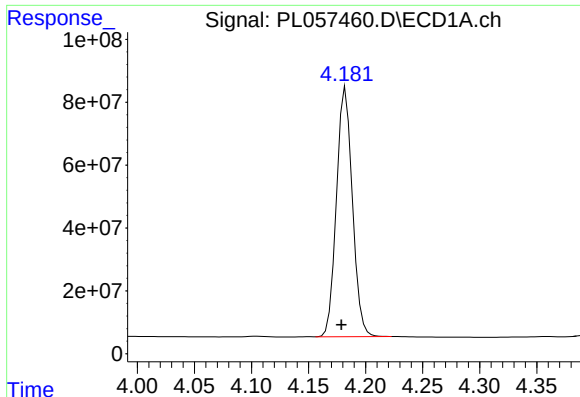
#2 alpha-BHC

R.T.: 3.899 min
Delta R.T.: 0.004 min
Response: 849840387
Conc: 53.35 ng/ml



#2 alpha-BHC

R.T.: 4.344 min
Delta R.T.: -0.001 min
Response: 165457634
Conc: 51.51 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.183 min

Delta R.T.: 0.004 min

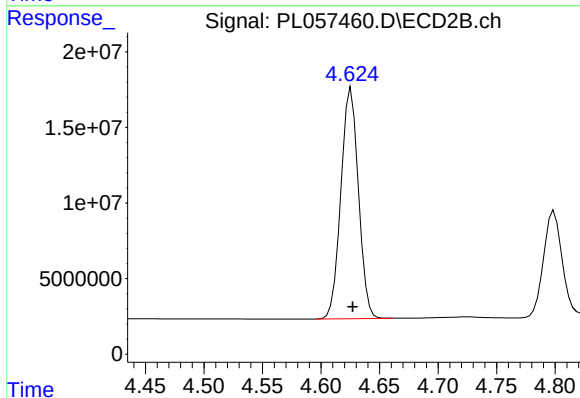
Response: 771867177

Conc: 53.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
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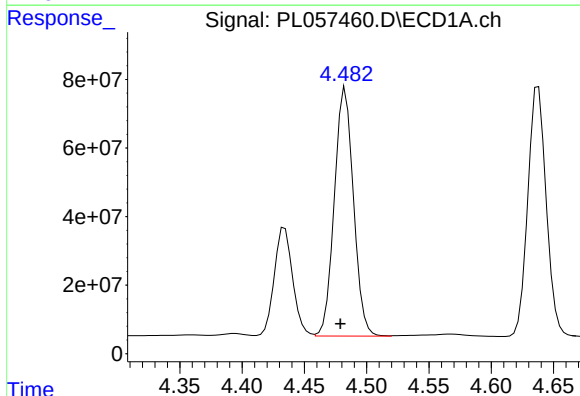
#3 gamma-BHC (Lindane)

R.T.: 4.626 min

Delta R.T.: -0.001 min

Response: 158955607

Conc: 50.66 ng/ml



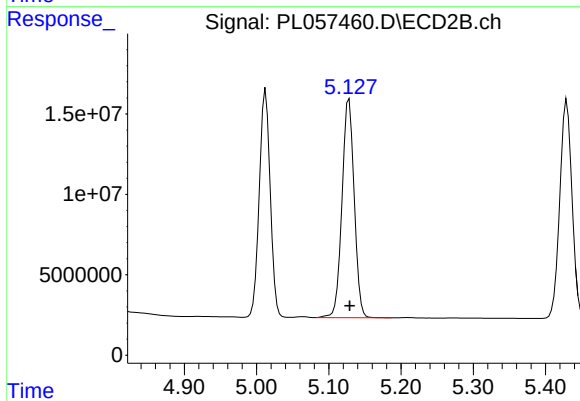
#4 Heptachlor

R.T.: 4.483 min

Delta R.T.: 0.004 min

Response: 774763118

Conc: 52.16 ng/ml



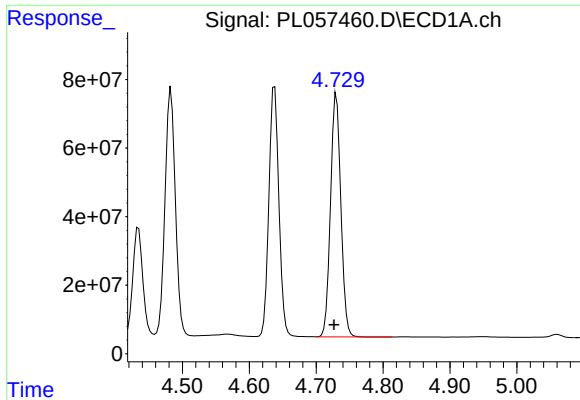
#4 Heptachlor

R.T.: 5.128 min

Delta R.T.: 0.000 min

Response: 158952364

Conc: 50.50 ng/ml



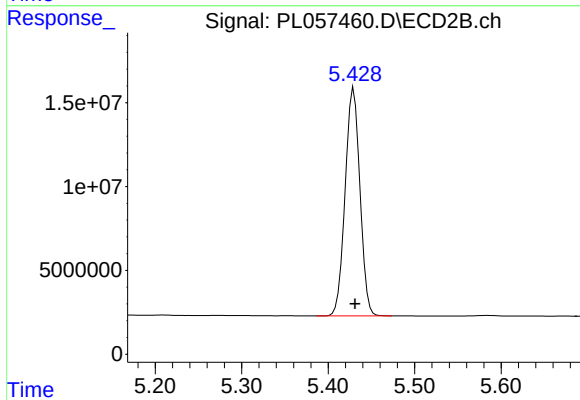
#5 Aldrin

R.T.: 4.730 min
Delta R.T.: 0.003 min
Response: 757696586
Conc: 54.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127638BS

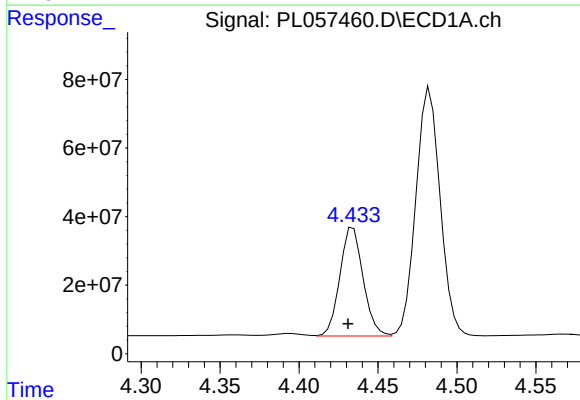
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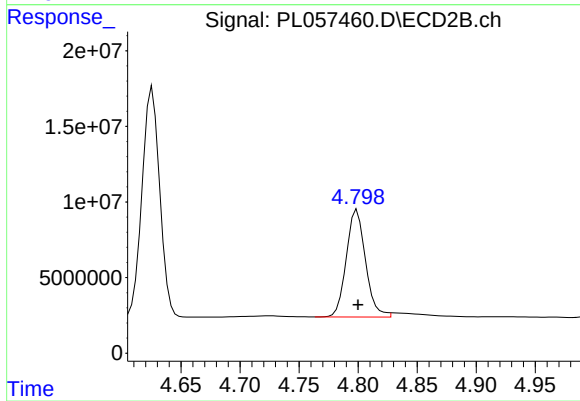
#5 Aldrin

R.T.: 5.430 min
Delta R.T.: -0.001 min
Response: 160500114
Conc: 52.61 ng/ml



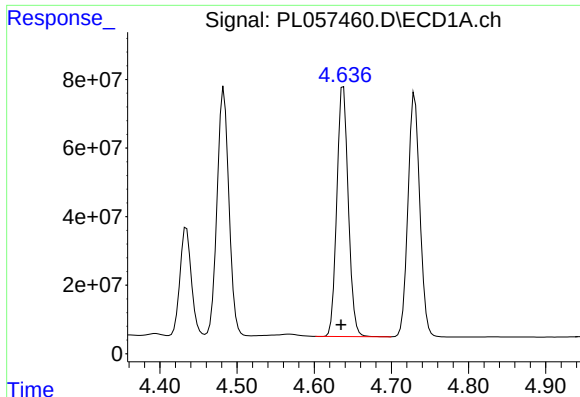
#6 beta-BHC

R.T.: 4.434 min
Delta R.T.: 0.003 min
Response: 324768077
Conc: 55.24 ng/ml



#6 beta-BHC

R.T.: 4.798 min
Delta R.T.: -0.002 min
Response: 80266288
Conc: 55.65 ng/ml m



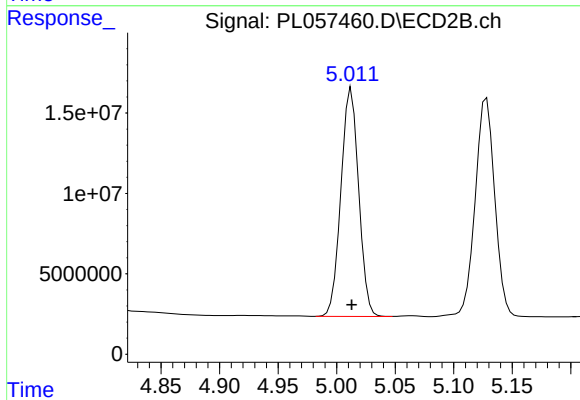
#7 delta-BHC

R.T.: 4.638 min
Delta R.T.: 0.003 min
Response: 755505630
Conc: 53.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127638BS

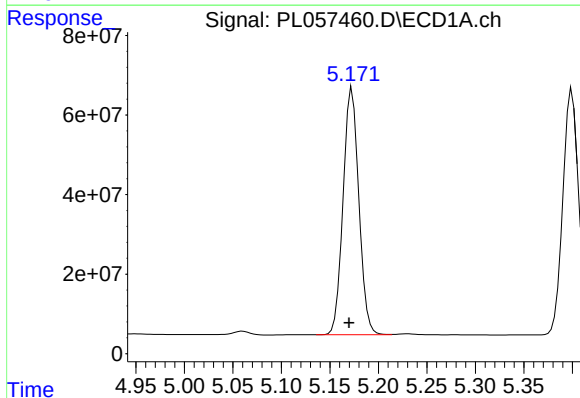
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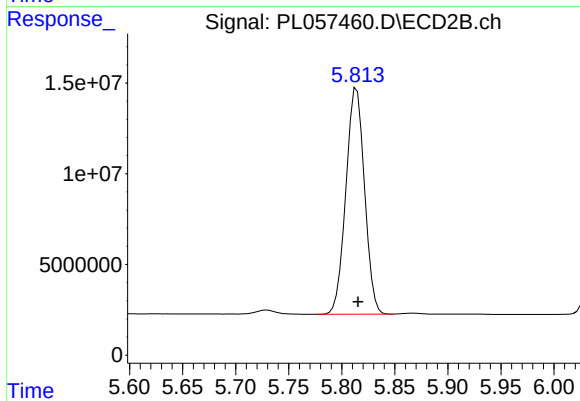
#7 delta-BHC

R.T.: 5.013 min
Delta R.T.: 0.000 min
Response: 149721854
Conc: 57.07 ng/ml



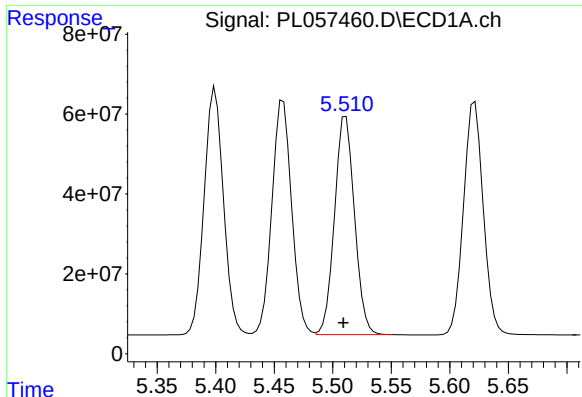
#8 Heptachlor epoxide

R.T.: 5.173 min
Delta R.T.: 0.003 min
Response: 700778549
Conc: 54.68 ng/ml



#8 Heptachlor epoxide

R.T.: 5.814 min
Delta R.T.: -0.001 min
Response: 152130899
Conc: 55.75 ng/ml



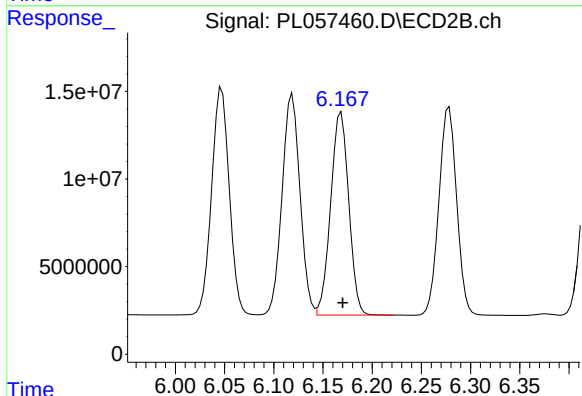
#9 Endosulfan I

R.T.: 5.511 min
Delta R.T.: 0.002 min
Response: 648641449
Conc: 54.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127638BS

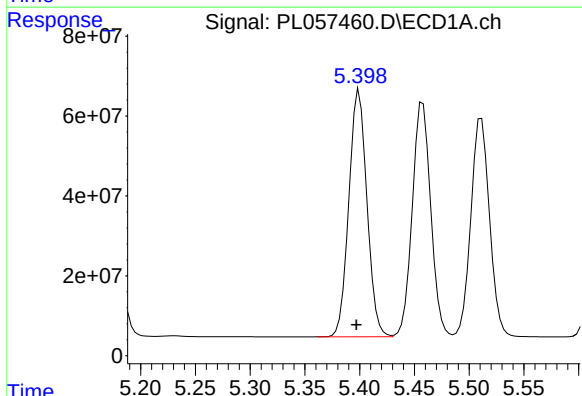
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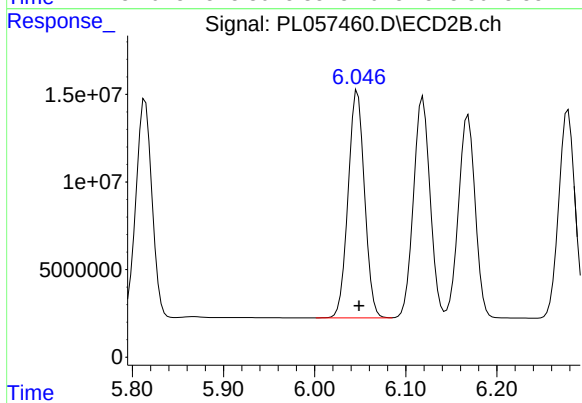
#9 Endosulfan I

R.T.: 6.168 min
Delta R.T.: -0.002 min
Response: 148005345
Conc: 52.02 ng/ml



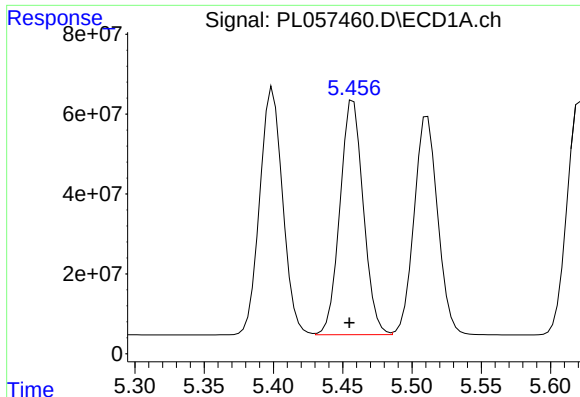
#10 gamma-Chlordane

R.T.: 5.400 min
Delta R.T.: 0.003 min
Response: 711115910
Conc: 54.53 ng/ml



#10 gamma-Chlordane

R.T.: 6.047 min
Delta R.T.: -0.002 min
Response: 162304668
Conc: 52.66 ng/ml



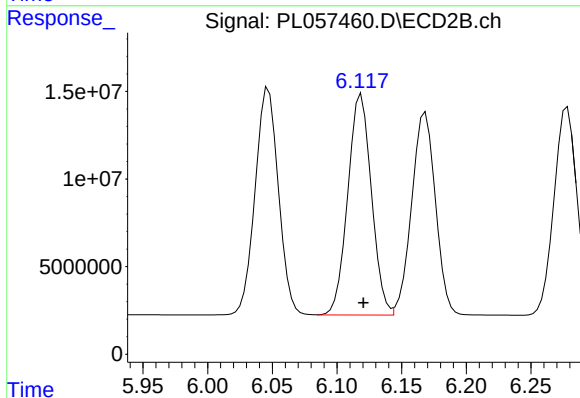
#11 alpha-Chlordane

R.T.: 5.458 min
Delta R.T.: 0.003 min
Response: 690315942
Conc: 53.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127638BS

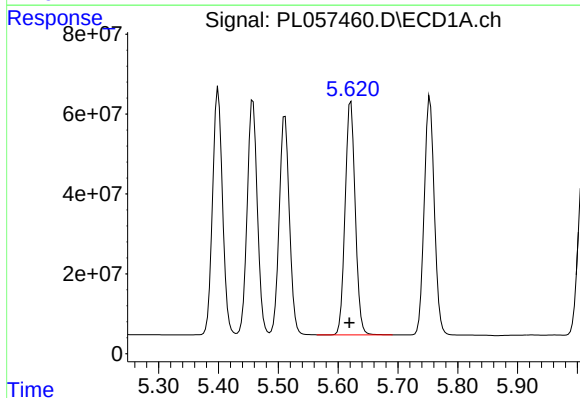
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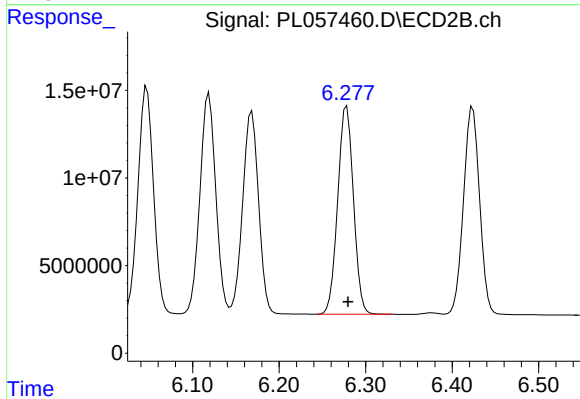
#11 alpha-Chlordane

R.T.: 6.119 min
Delta R.T.: -0.002 min
Response: 159934379
Conc: 51.38 ng/ml



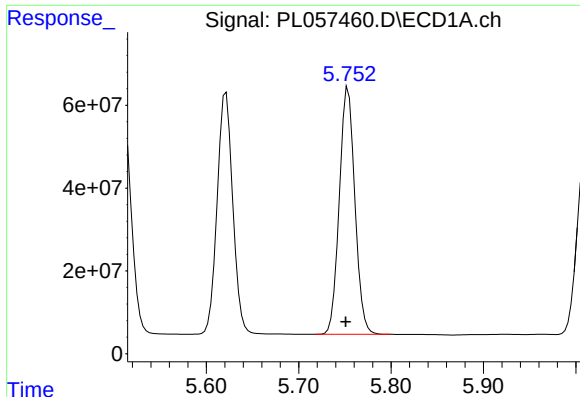
#12 4,4'-DDE

R.T.: 5.621 min
Delta R.T.: 0.002 min
Response: 686092785
Conc: 55.08 ng/ml



#12 4,4'-DDE

R.T.: 6.278 min
Delta R.T.: -0.001 min
Response: 149323440
Conc: 52.53 ng/ml



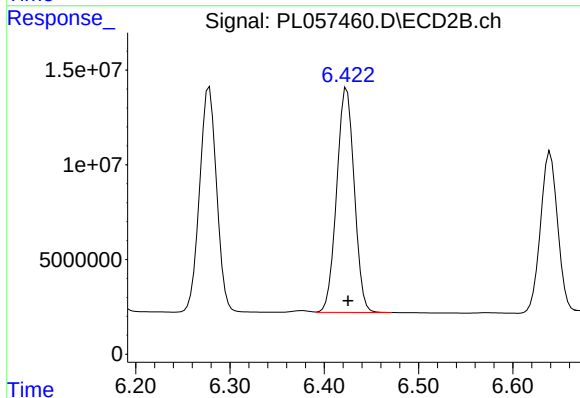
#13 Dieldrin

R.T.: 5.754 min
Delta R.T.: 0.003 min
Response: 698513012
Conc: 55.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127638BS

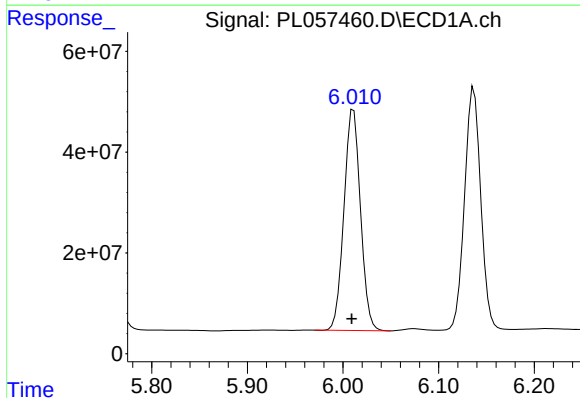
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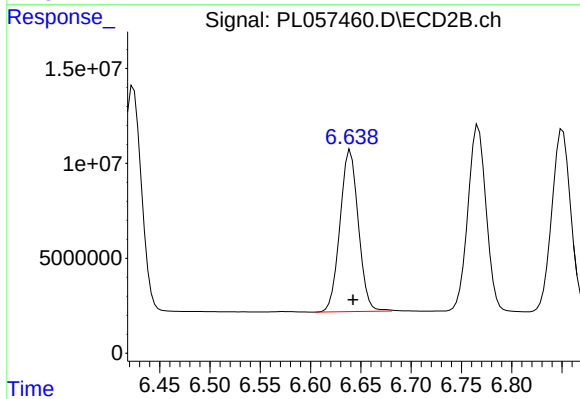
#13 Dieldrin

R.T.: 6.424 min
Delta R.T.: -0.001 min
Response: 153349458
Conc: 51.84 ng/ml



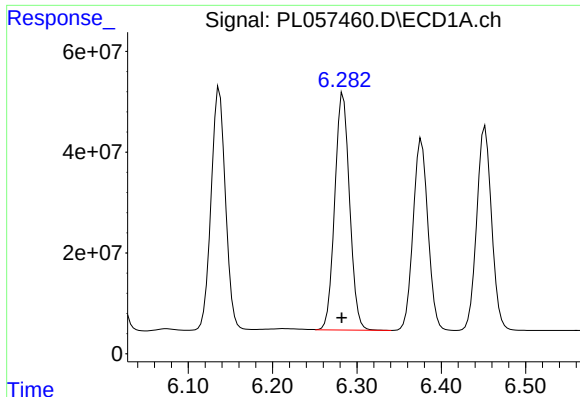
#14 Endrin

R.T.: 6.011 min
Delta R.T.: 0.002 min
Response: 529317807
Conc: 46.30 ng/ml



#14 Endrin

R.T.: 6.640 min
Delta R.T.: -0.003 min
Response: 108011879
Conc: 44.77 ng/ml



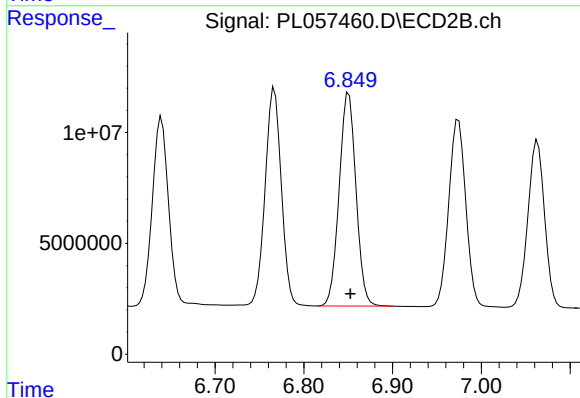
#15 Endosulfan II

R.T.: 6.284 min
Delta R.T.: 0.002 min
Response: 574589813
Conc: 52.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127638BS

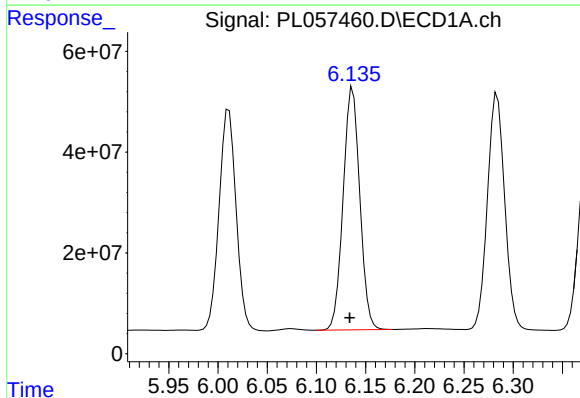
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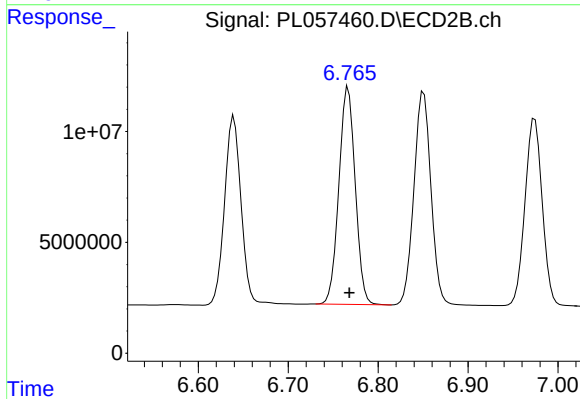
#15 Endosulfan II

R.T.: 6.851 min
Delta R.T.: -0.002 min
Response: 126691396
Conc: 48.23 ng/ml



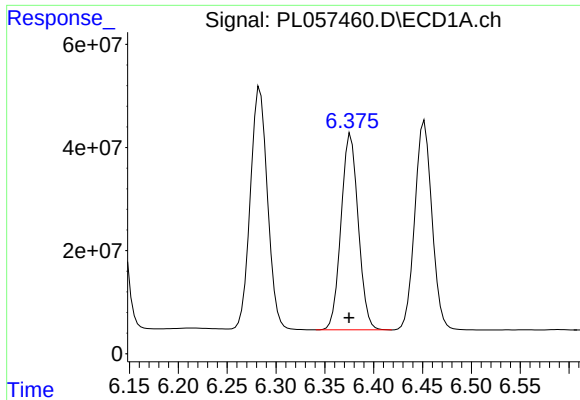
#16 4,4'-DDD

R.T.: 6.137 min
Delta R.T.: 0.003 min
Response: 566871327
Conc: 57.84 ng/ml



#16 4,4'-DDD

R.T.: 6.767 min
Delta R.T.: -0.001 min
Response: 123979012
Conc: 54.29 ng/ml



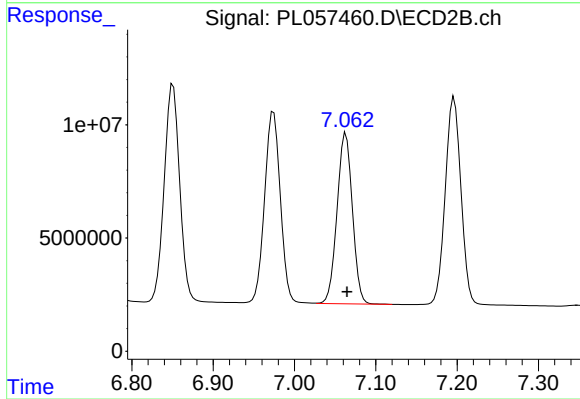
#17 4,4'-DDT

R.T.: 6.377 min
Delta R.T.: 0.002 min
Response: 465856634
Conc: 46.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127638BS

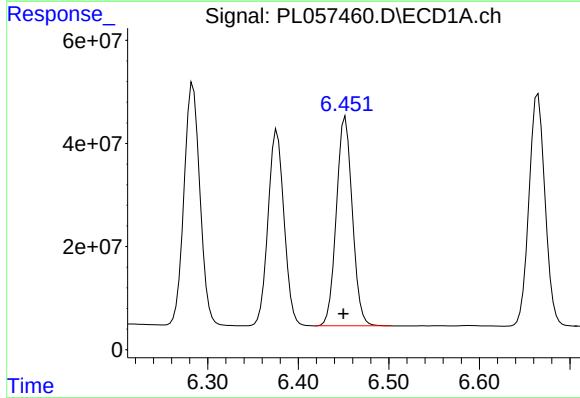
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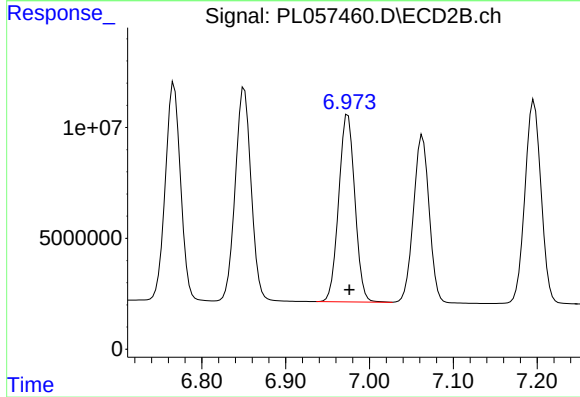
#17 4,4'-DDT

R.T.: 7.063 min
Delta R.T.: -0.001 min
Response: 98770458
Conc: 43.36 ng/ml



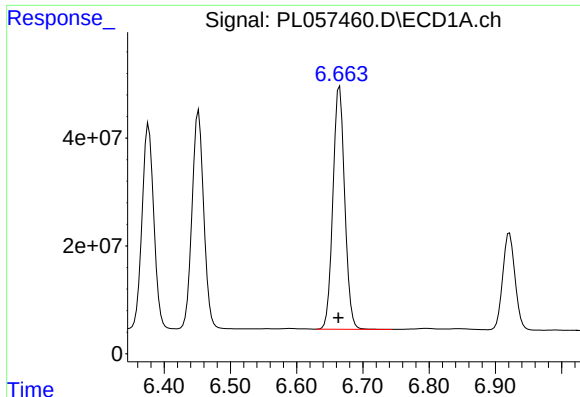
#18 Endrin aldehyde

R.T.: 6.452 min
Delta R.T.: 0.002 min
Response: 495721096
Conc: 53.68 ng/ml



#18 Endrin aldehyde

R.T.: 6.974 min
Delta R.T.: -0.002 min
Response: 113332119
Conc: 50.98 ng/ml



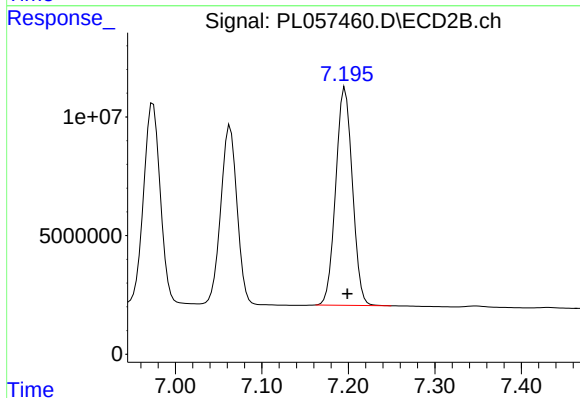
#19 Endosulfan Sulfate

R.T.: 6.665 min
Delta R.T.: 0.002 min
Response: 557534861
Conc: 55.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127638BS

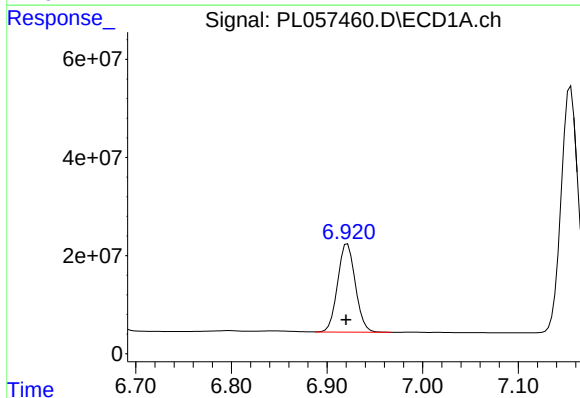
Manual Integrations
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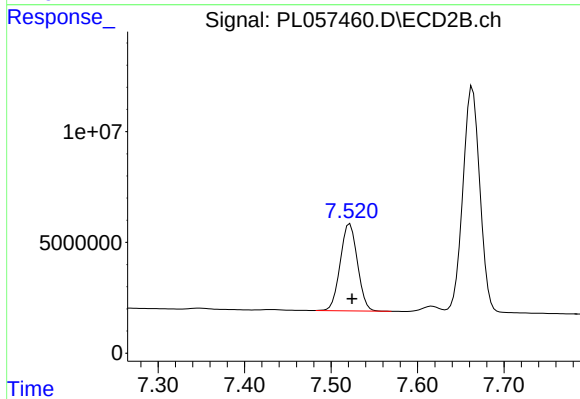
#19 Endosulfan Sulfate

R.T.: 7.196 min
Delta R.T.: -0.003 min
Response: 122125015
Conc: 50.07 ng/ml



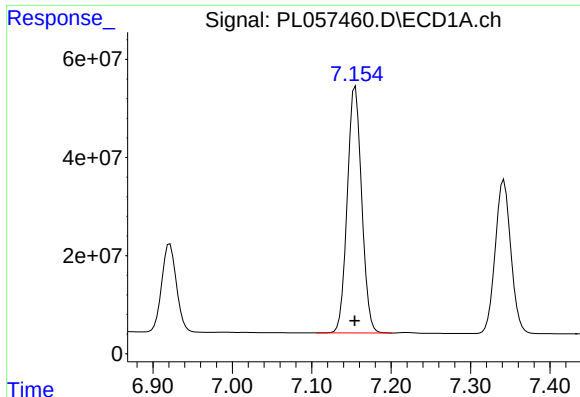
#20 Methoxychlor

R.T.: 6.921 min
Delta R.T.: 0.001 min
Response: 231897754
Conc: 43.22 ng/ml



#20 Methoxychlor

R.T.: 7.522 min
Delta R.T.: -0.002 min
Response: 54001240
Conc: 41.52 ng/ml



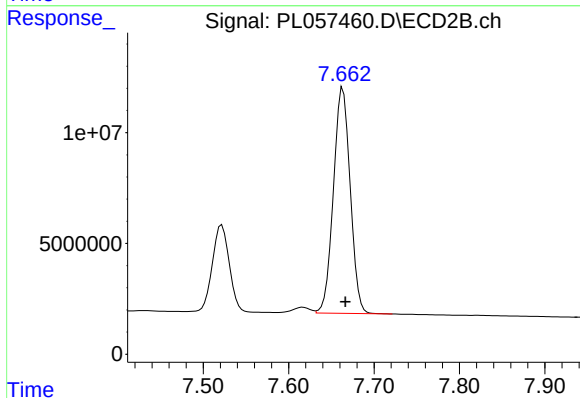
#21 Endrin ketone

R.T.: 7.155 min
Delta R.T.: 0.000 min
Response: 634176785
Conc: 56.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127638BS

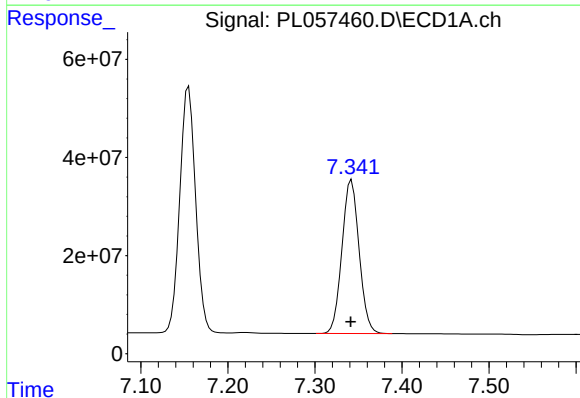
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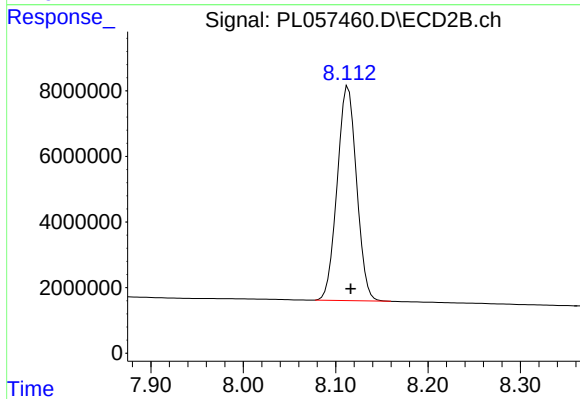
#21 Endrin ketone

R.T.: 7.664 min
Delta R.T.: -0.003 min
Response: 139100847
Conc: 53.74 ng/ml



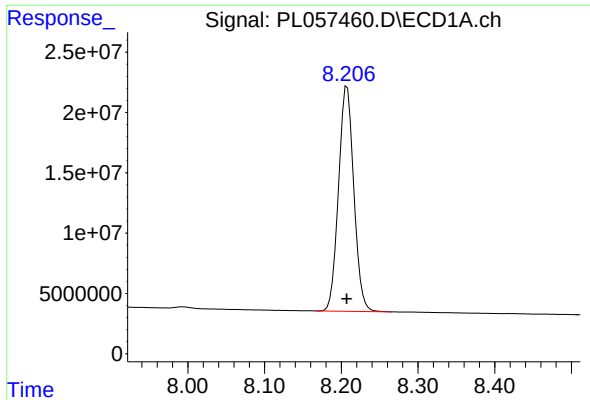
#22 Mirex

R.T.: 7.342 min
Delta R.T.: 0.001 min
Response: 428817514
Conc: 52.95 ng/ml



#22 Mirex

R.T.: 8.114 min
Delta R.T.: -0.003 min
Response: 95453876
Conc: 49.99 ng/ml



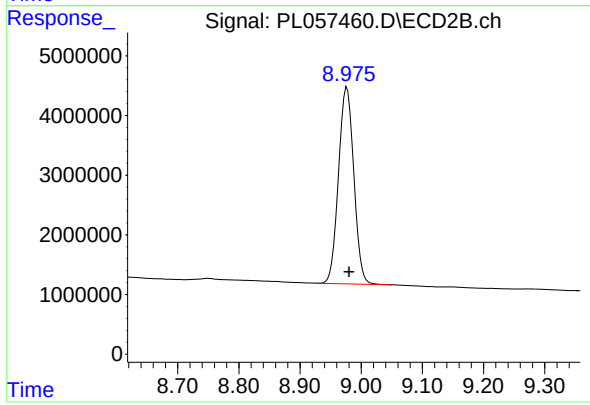
#28 Decachlorobiphenyl

R.T.: 8.207 min
Delta R.T.: 0.000 min
Response: 258493820
Conc: 24.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127638BS

Manual Integrations
APPROVED

mohammad
3/19/2020 2:40:23 PM



#28 Decachlorobiphenyl

R.T.: 8.977 min
Delta R.T.: -0.003 min
Response: 57262392
Conc: 25.82 ng/ml