

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030520\
 Data File : PL057079.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Mar 2020 14:00
 Operator : AJ\MA
 Sample : PB127282BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB127282BS

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 06 03:53:51 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...	3.465	3.958	161.1E6	42793300	18.900	20.058
28)	SA Decachlor...	8.215	8.983	186.7E6	40875626	19.318	19.238
Target Compounds							
2)	A alpha-BHC	3.903	4.345	735.7E6	168.1E6	49.642	53.214
3)	MA gamma-BHC...	4.187	4.627	641.2E6	159.8E6	46.665	51.395
4)	MA Heptachlor	4.487	5.128	683.4E6	166.8E6	50.311	53.577m
5)	MB Aldrin	4.735	5.432	661.2E6	162.3E6	51.202	54.311
6)	B beta-BHC	4.438	4.799	278.8E6	78301456	52.626	55.558m
7)	B delta-BHC	4.642	5.014	660.5E6	143.3E6	50.626	58.856
8)	B Heptachlo...	5.179	5.817	616.3E6	134.9E6	50.934	48.699
9)	A Endosulfan I	5.517	6.172	582.4E6	149.5E6	51.377	53.536
10)	B gamma-Chl...	5.405	6.050	633.3E6	161.9E6	50.990	54.083
11)	B alpha-Chl...	5.463	6.122	613.5E6	159.2E6	49.938	52.820
12)	B 4,4'-DDE	5.627	6.281	602.0E6	152.4E6	51.379	53.716
13)	MA Dieldrin	5.760	6.427	633.4E6	157.0E6	51.806	53.347
14)	MA Endrin	6.016	6.644	541.0E6	130.2E6	49.727	50.478
15)	B Endosulfa...	6.290	6.854	530.3E6	136.7E6	49.106	48.701
16)	A 4,4'-DDD	6.143	6.770	514.9E6	129.3E6	53.190	53.062
17)	MA 4,4'-DDT	6.383	7.067	473.9E6	117.0E6	48.434	47.557
18)	B Endrin al...	6.458	6.978	456.1E6	118.1E6	50.986	50.963
19)	B Endosulfa...	6.671	7.200	508.0E6	132.0E6	50.869	52.630
20)	A Methoxychlor	6.927	7.526	241.6E6	63339960	48.446	50.700
21)	B Endrin ke...	7.161	7.667	595.7E6	140.3E6	52.753	51.198m
22)	Mirex	7.348	8.118	409.6E6	97281040	50.542	50.742

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030520\
Data File : PL057079.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Mar 2020 14:00
Operator : AJ\MA
Sample : PB127282BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

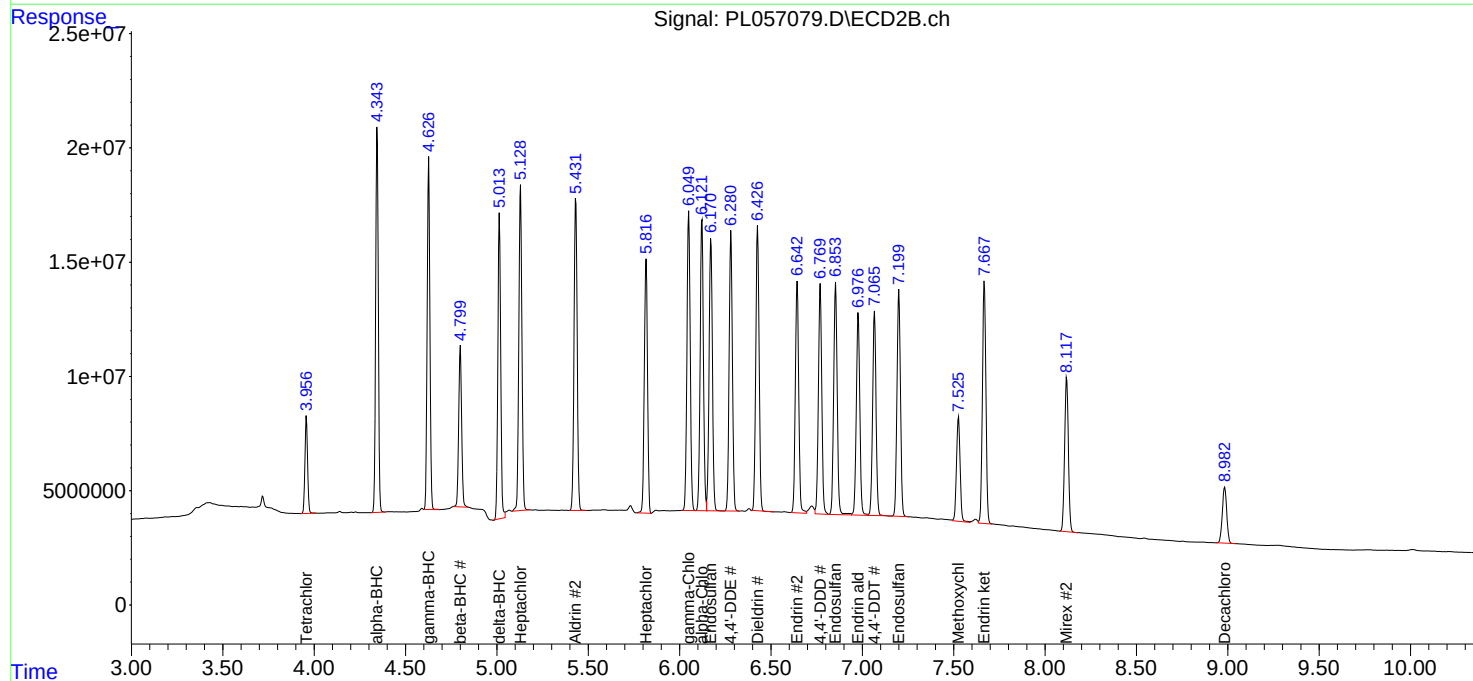
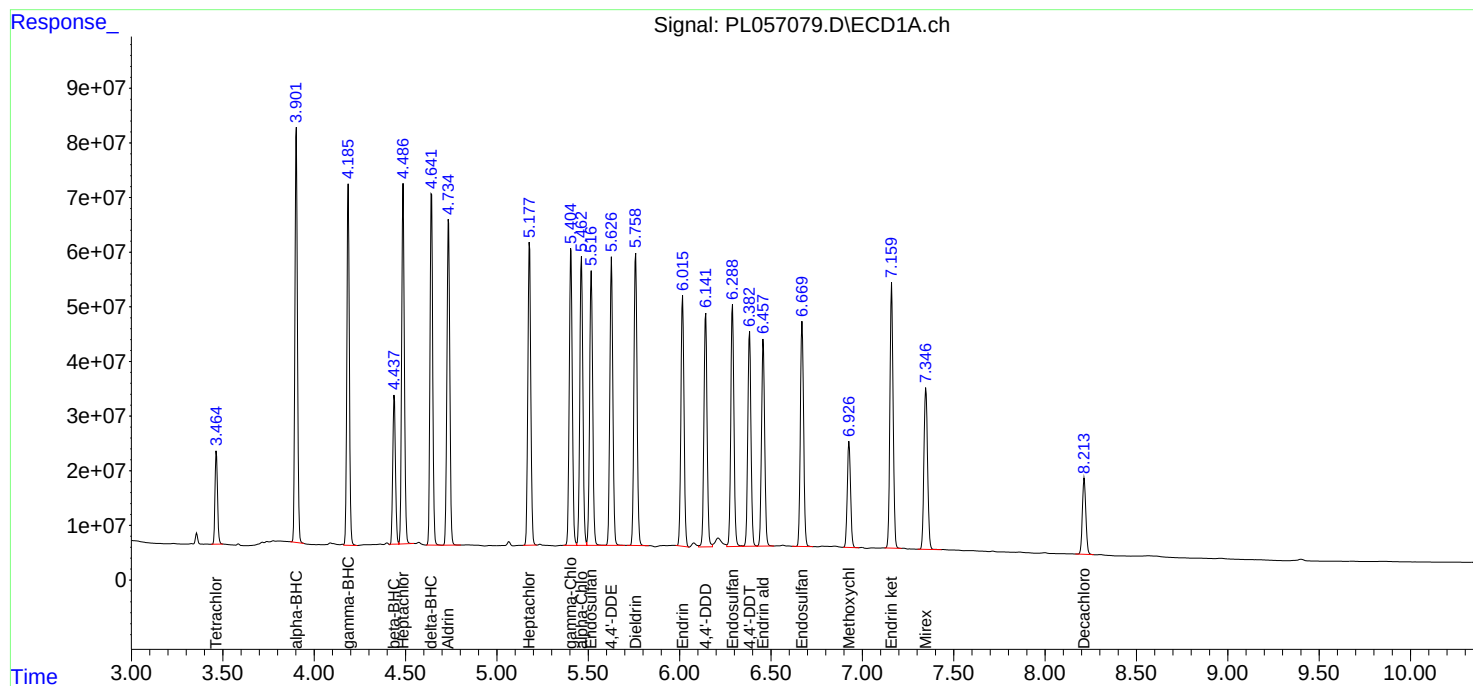
Instrument :
ECD_L
ClientSampled :
PB127282BS

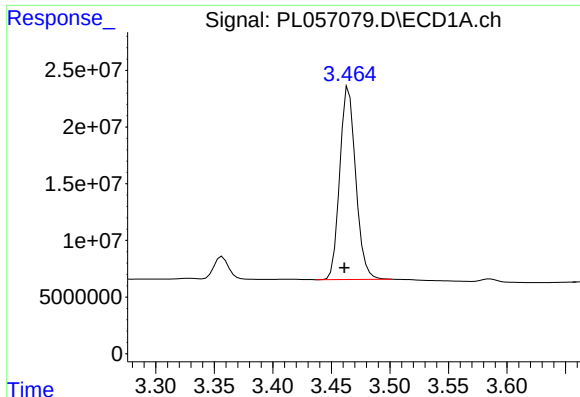
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 06 03:53:51 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030320.M
Quant Title : GC Extractables
QLast Update : Wed Mar 04 03:55:01 2020
Response 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





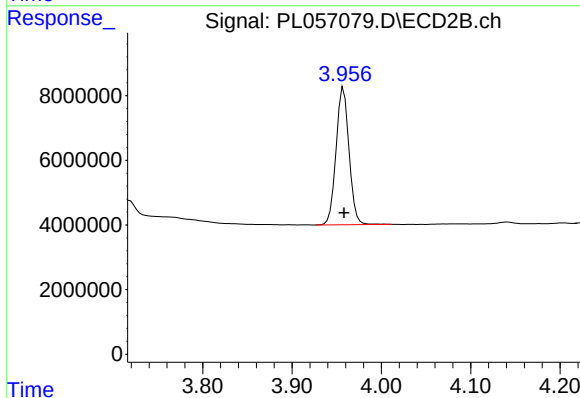
#1 Tetrachloro-m-xylene

R.T.: 3.465 min
Delta R.T.: 0.004 min
Response: 161071141
Conc: 18.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127282BS

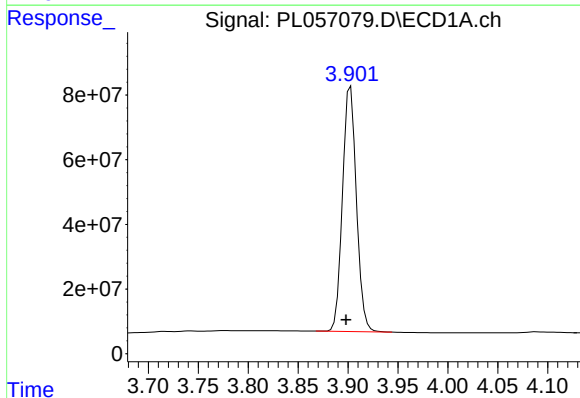
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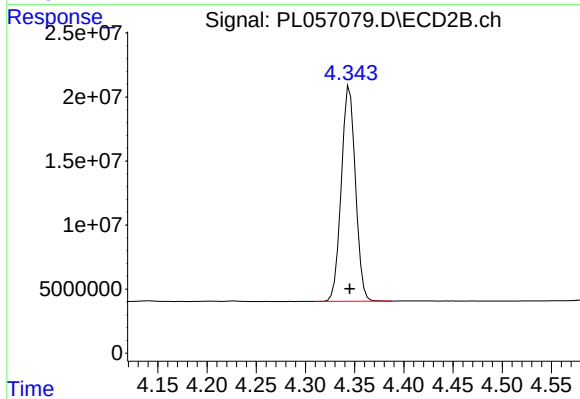
#1 Tetrachloro-m-xylene

R.T.: 3.958 min
Delta R.T.: 0.000 min
Response: 42793300
Conc: 20.06 ng/ml



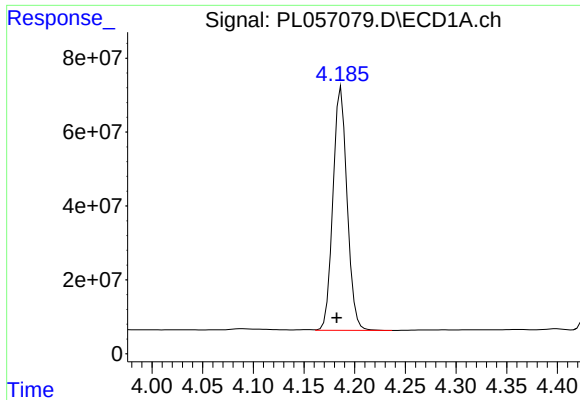
#2 alpha-BHC

R.T.: 3.903 min
Delta R.T.: 0.004 min
Response: 735684984
Conc: 49.64 ng/ml



#2 alpha-BHC

R.T.: 4.345 min
Delta R.T.: 0.000 min
Response: 168100777
Conc: 53.21 ng/ml



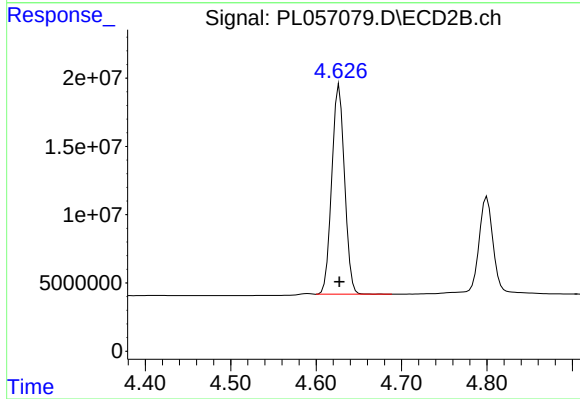
#3 gamma-BHC (Lindane)

R.T.: 4.187 min
Delta R.T.: 0.005 min
Response: 641201291
Conc: 46.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127282BS

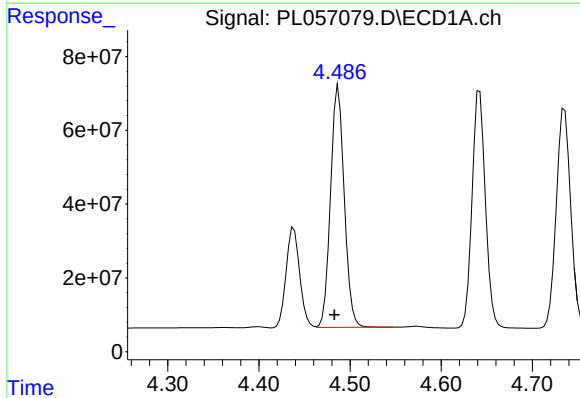
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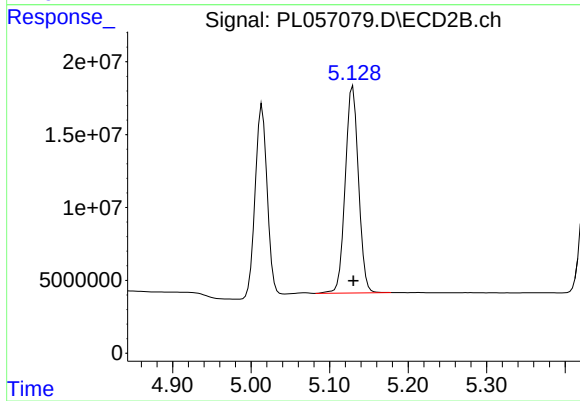
#3 gamma-BHC (Lindane)

R.T.: 4.627 min
Delta R.T.: 0.000 min
Response: 159771747
Conc: 51.39 ng/ml



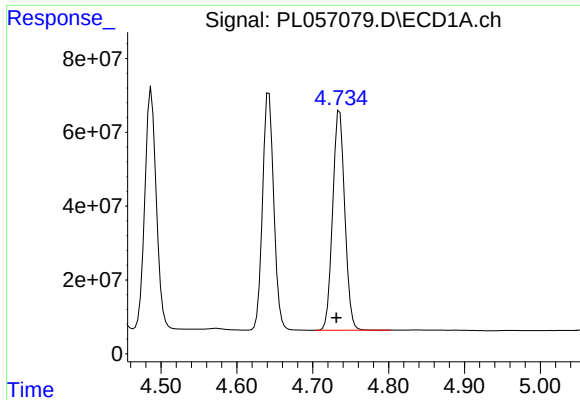
#4 Heptachlor

R.T.: 4.487 min
Delta R.T.: 0.004 min
Response: 683424821
Conc: 50.31 ng/ml



#4 Heptachlor

R.T.: 5.128 min
Delta R.T.: -0.002 min
Response: 166753493
Conc: 53.58 ng/ml m



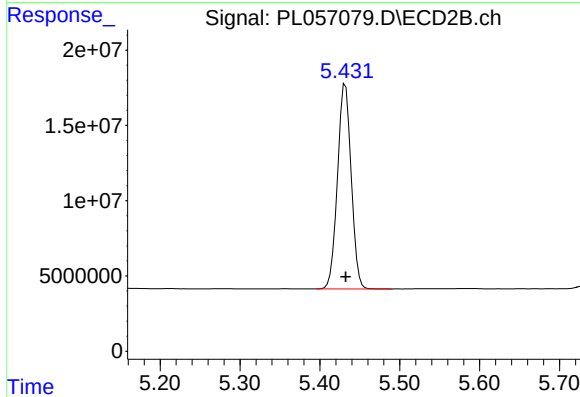
#5 Aldrin

R.T.: 4.735 min
Delta R.T.: 0.004 min
Response: 661157357
Conc: 51.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127282BS

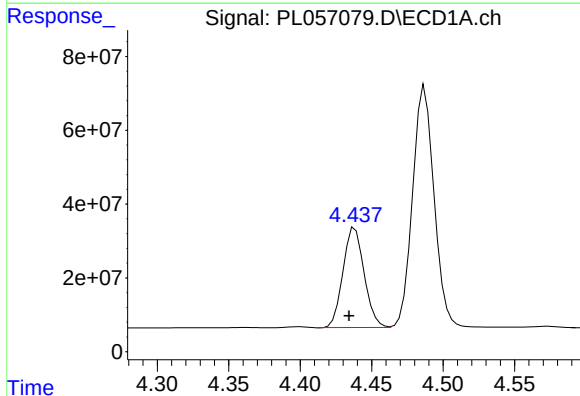
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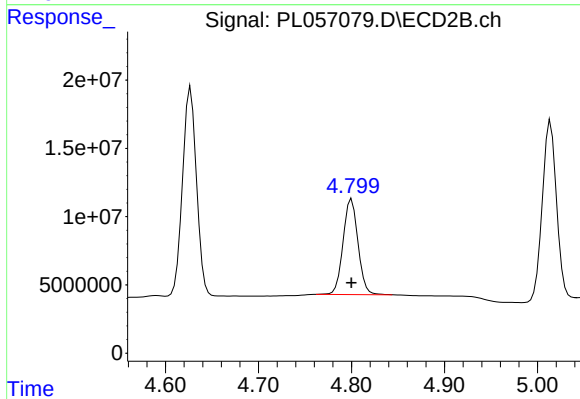
#5 Aldrin

R.T.: 5.432 min
Delta R.T.: 0.000 min
Response: 162347488
Conc: 54.31 ng/ml



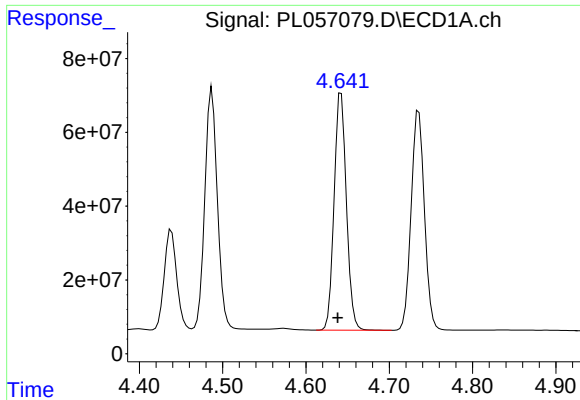
#6 beta-BHC

R.T.: 4.438 min
Delta R.T.: 0.004 min
Response: 278771675
Conc: 52.63 ng/ml



#6 beta-BHC

R.T.: 4.799 min
Delta R.T.: -0.001 min
Response: 78301456
Conc: 55.56 ng/ml m



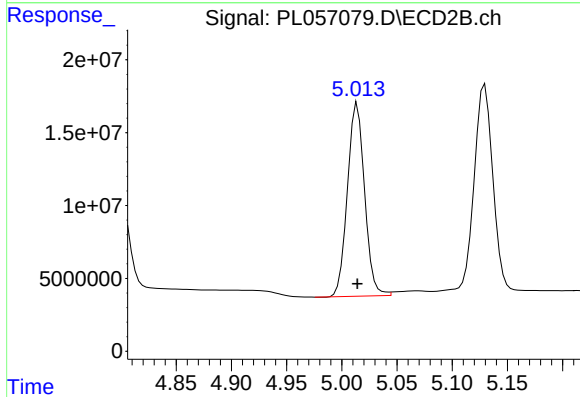
#7 delta-BHC

R.T.: 4.642 min
Delta R.T.: 0.004 min
Response: 660474885
Conc: 50.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127282BS

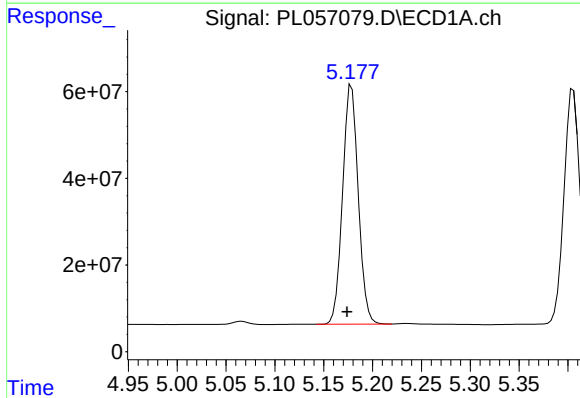
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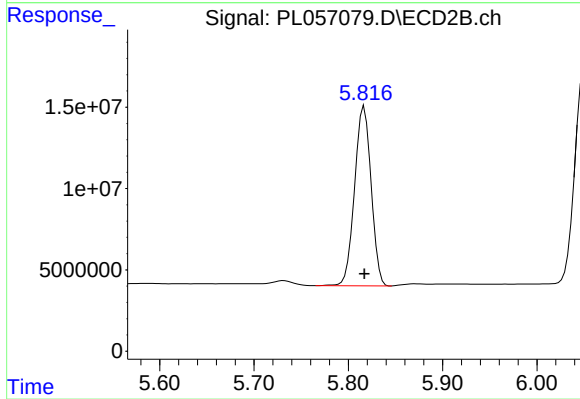
#7 delta-BHC

R.T.: 5.014 min
Delta R.T.: 0.000 min
Response: 143302371
Conc: 58.86 ng/ml



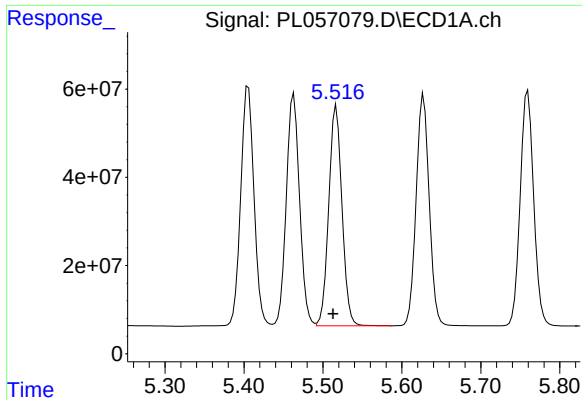
#8 Heptachlor epoxide

R.T.: 5.179 min
Delta R.T.: 0.005 min
Response: 616307330
Conc: 50.93 ng/ml



#8 Heptachlor epoxide

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 134948997
Conc: 48.70 ng/ml



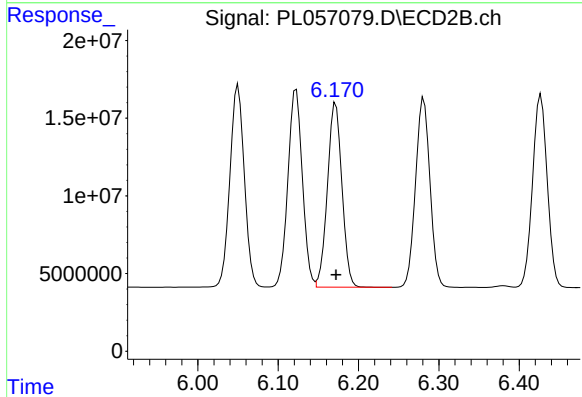
#9 Endosulfan I

R.T.: 5.517 min
Delta R.T.: 0.004 min
Response: 582413147
Conc: 51.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127282BS

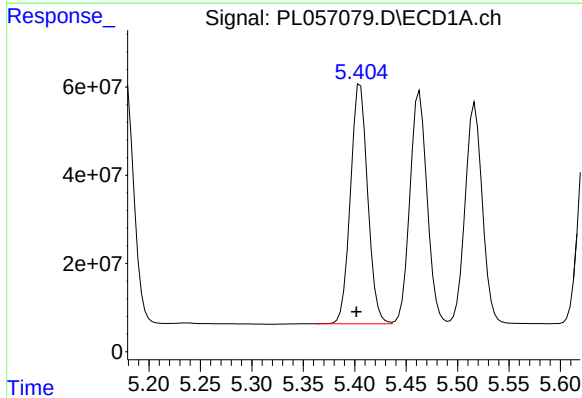
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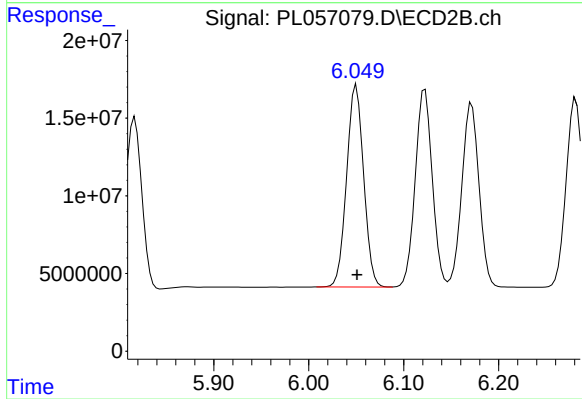
#9 Endosulfan I

R.T.: 6.172 min
Delta R.T.: 0.000 min
Response: 149547313
Conc: 53.54 ng/ml



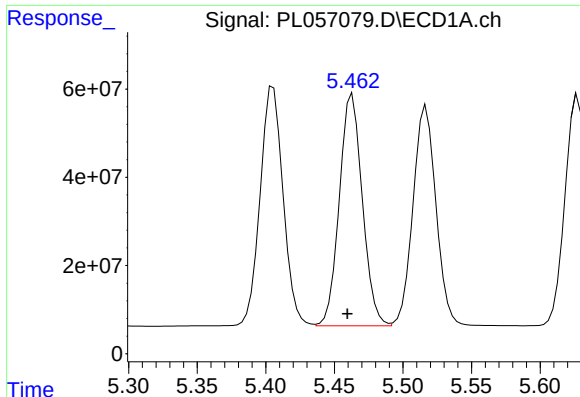
#10 gamma-Chlordane

R.T.: 5.405 min
Delta R.T.: 0.004 min
Response: 633328476
Conc: 50.99 ng/ml



#10 gamma-Chlordane

R.T.: 6.050 min
Delta R.T.: 0.000 min
Response: 161902910
Conc: 54.08 ng/ml



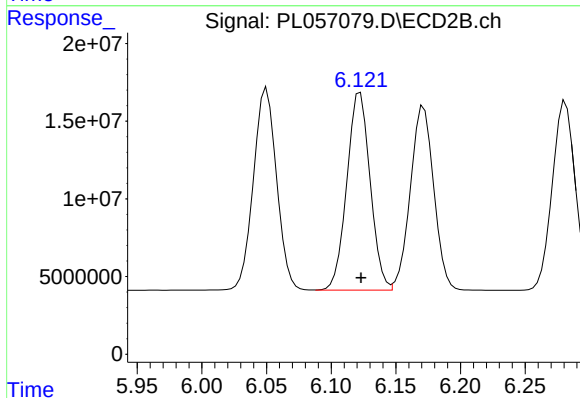
#11 alpha-Chlordane

R.T.: 5.463 min
Delta R.T.: 0.004 min
Response: 613541573
Conc: 49.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127282BS

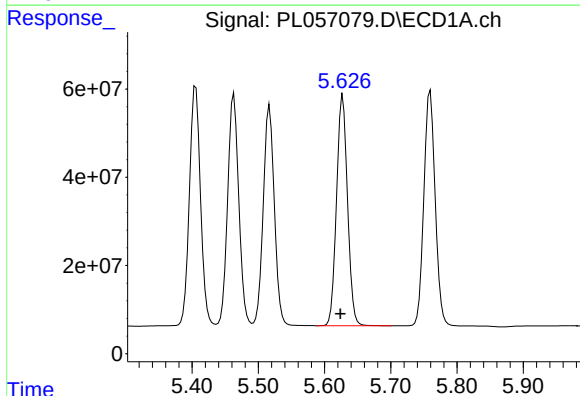
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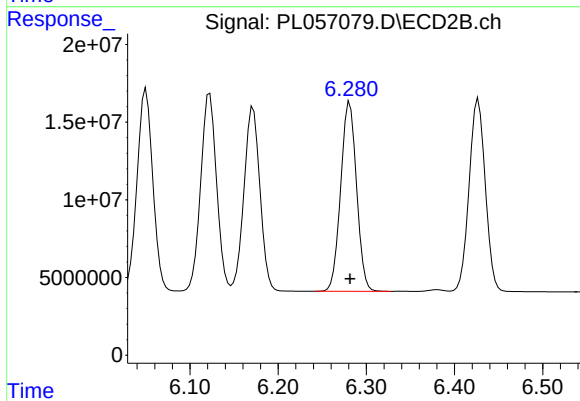
#11 alpha-Chlordane

R.T.: 6.122 min
Delta R.T.: 0.000 min
Response: 159224273
Conc: 52.82 ng/ml



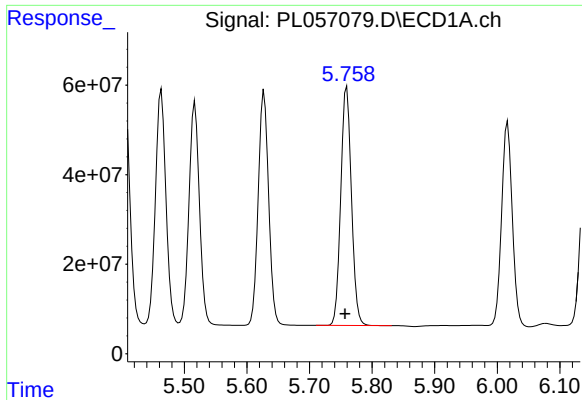
#12 4,4'-DDE

R.T.: 5.627 min
Delta R.T.: 0.003 min
Response: 602046112
Conc: 51.38 ng/ml



#12 4,4'-DDE

R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 152442105
Conc: 53.72 ng/ml



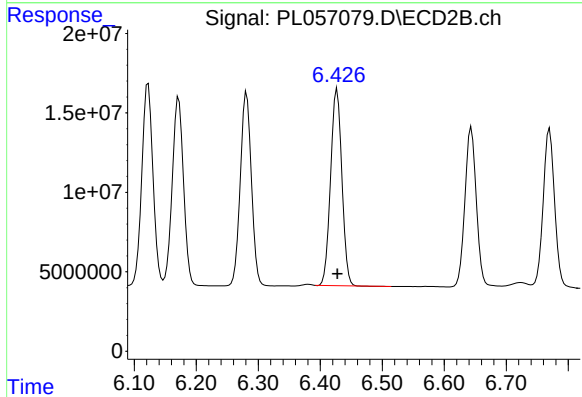
#13 Dieldrin

R.T.: 5.760 min
Delta R.T.: 0.003 min
Response: 633405450
Conc: 51.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127282BS

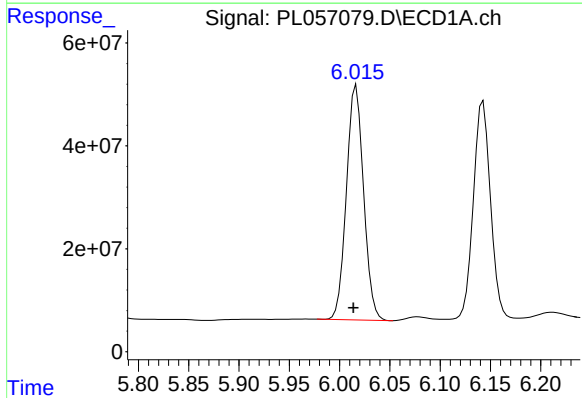
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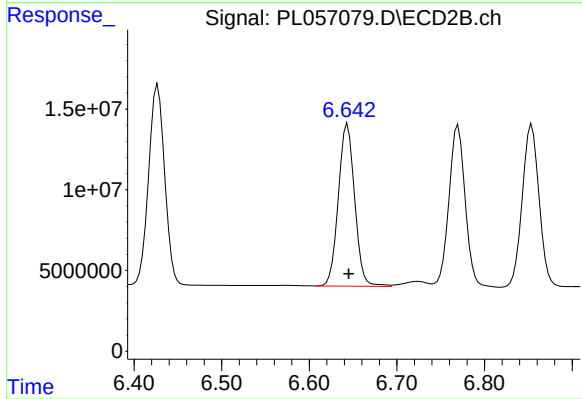
#13 Dieldrin

R.T.: 6.427 min
Delta R.T.: 0.000 min
Response: 157014916
Conc: 53.35 ng/ml



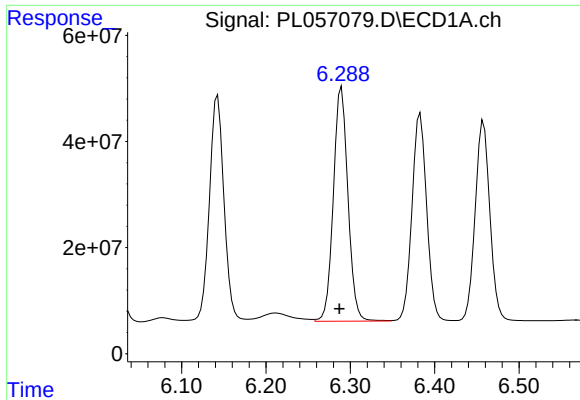
#14 Endrin

R.T.: 6.016 min
Delta R.T.: 0.003 min
Response: 541009598
Conc: 49.73 ng/ml



#14 Endrin

R.T.: 6.644 min
Delta R.T.: -0.001 min
Response: 130171552
Conc: 50.48 ng/ml



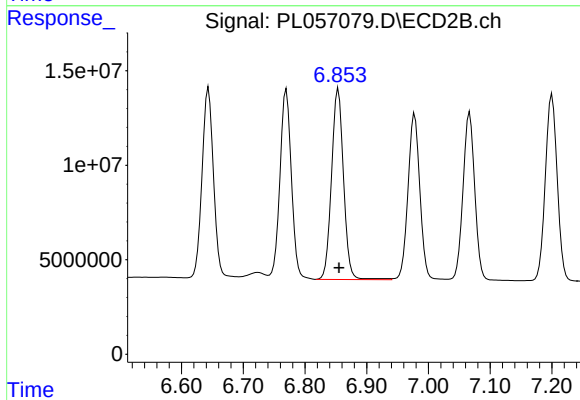
#15 Endosulfan II

R.T.: 6.290 min
Delta R.T.: 0.003 min
Response: 530323249
Conc: 49.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127282BS

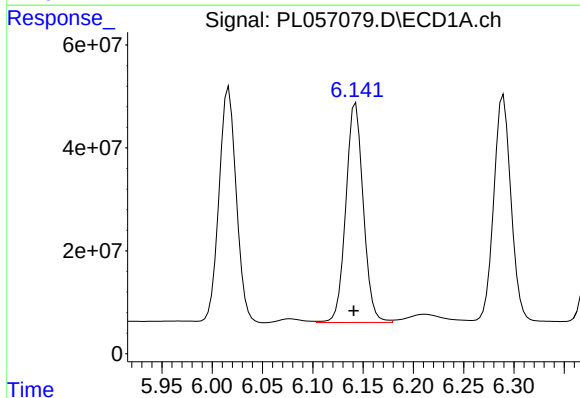
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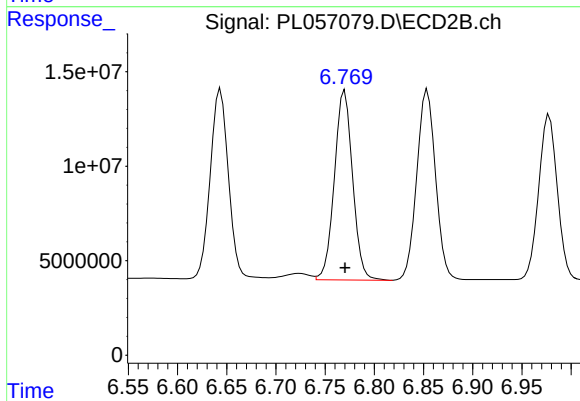
#15 Endosulfan II

R.T.: 6.854 min
Delta R.T.: -0.001 min
Response: 136657609
Conc: 48.70 ng/ml



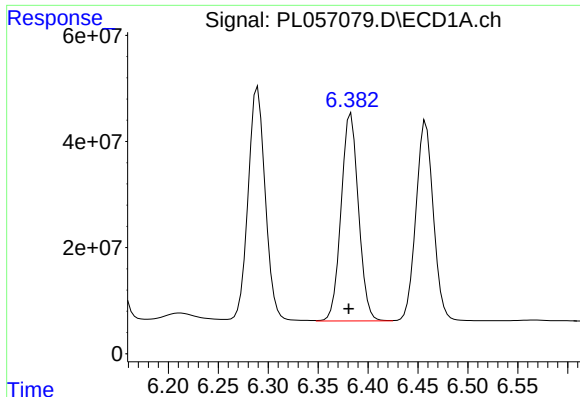
#16 4,4'-DDD

R.T.: 6.143 min
Delta R.T.: 0.002 min
Response: 514908770
Conc: 53.19 ng/ml



#16 4,4'-DDD

R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 129260284
Conc: 53.06 ng/ml



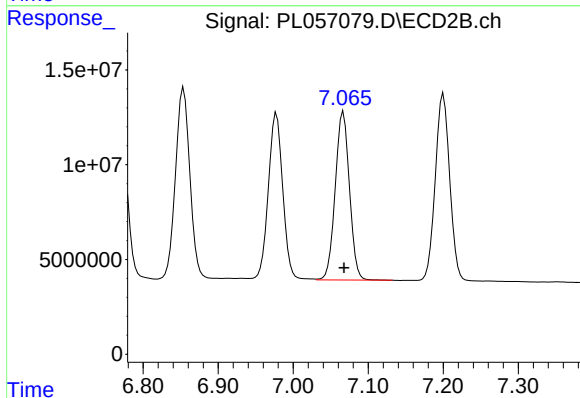
#17 4,4'-DDT

R.T.: 6.383 min
Delta R.T.: 0.002 min
Response: 473939939
Conc: 48.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127282BS

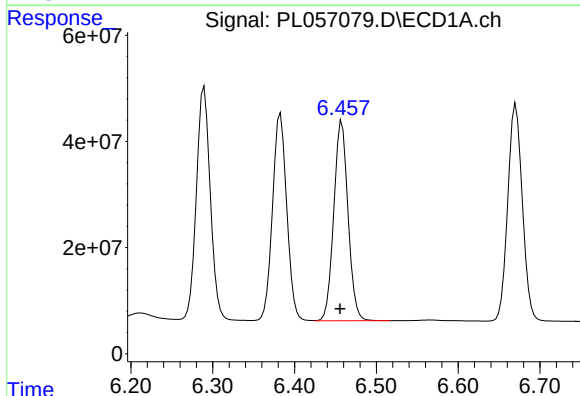
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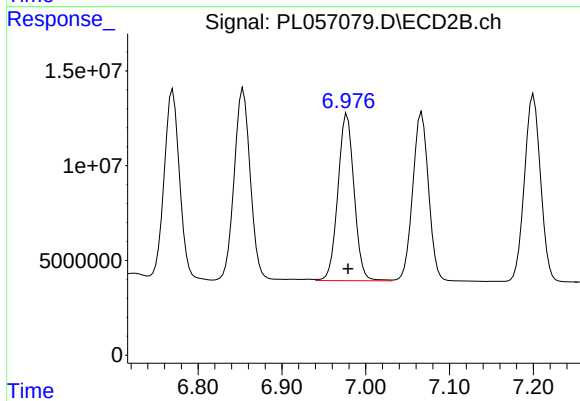
#17 4,4'-DDT

R.T.: 7.067 min
Delta R.T.: 0.000 min
Response: 116989243
Conc: 47.56 ng/ml



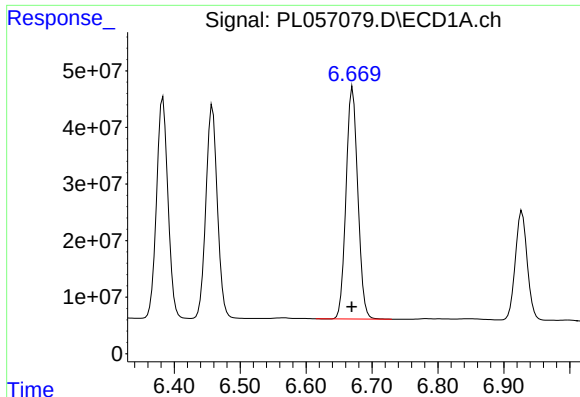
#18 Endrin aldehyde

R.T.: 6.458 min
Delta R.T.: 0.002 min
Response: 456138282
Conc: 50.99 ng/ml



#18 Endrin aldehyde

R.T.: 6.978 min
Delta R.T.: -0.001 min
Response: 118094493
Conc: 50.96 ng/ml



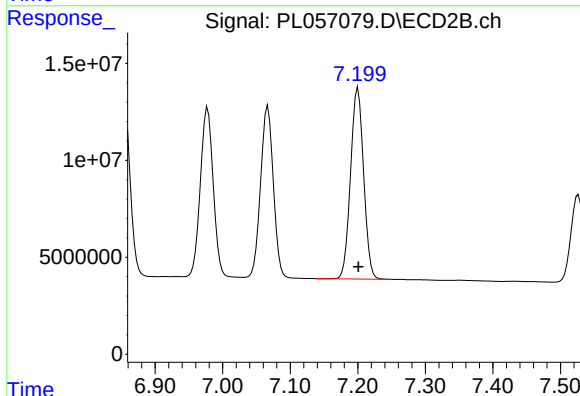
#19 Endosulfan Sulfate

R.T.: 6.671 min
Delta R.T.: 0.001 min
Response: 508040345
Conc: 50.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127282BS

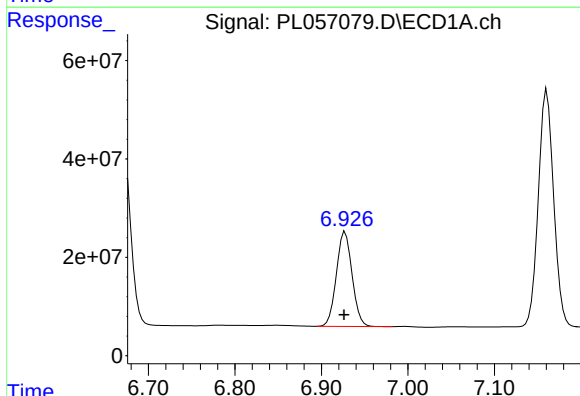
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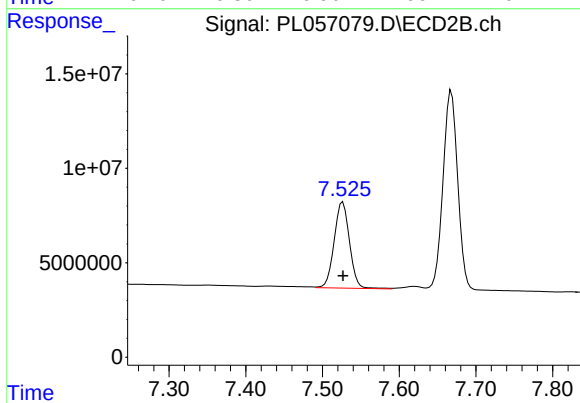
#19 Endosulfan Sulfate

R.T.: 7.200 min
Delta R.T.: 0.000 min
Response: 131990322
Conc: 52.63 ng/ml



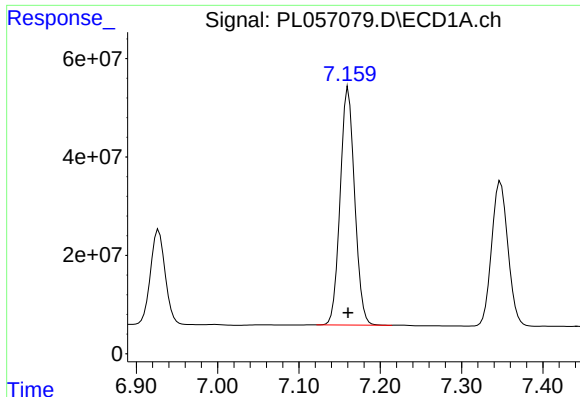
#20 Methoxychlor

R.T.: 6.927 min
Delta R.T.: 0.001 min
Response: 241558204
Conc: 48.45 ng/ml



#20 Methoxychlor

R.T.: 7.526 min
Delta R.T.: 0.000 min
Response: 63339960
Conc: 50.70 ng/ml



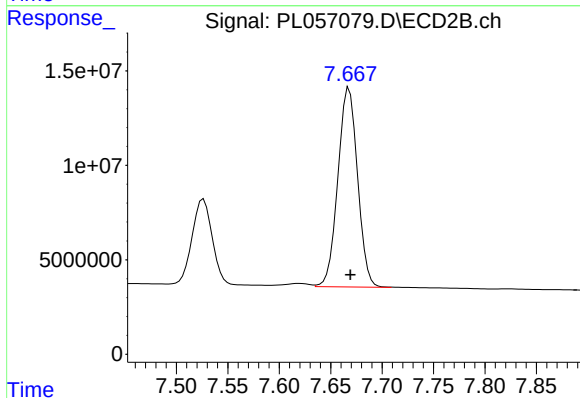
#21 Endrin ketone

R.T.: 7.161 min
Delta R.T.: 0.000 min
Response: 595718264
Conc: 52.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127282BS

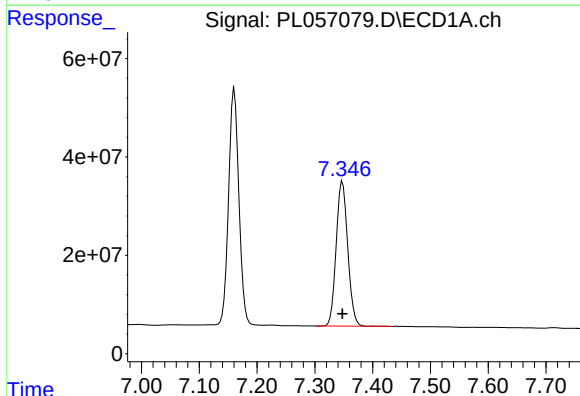
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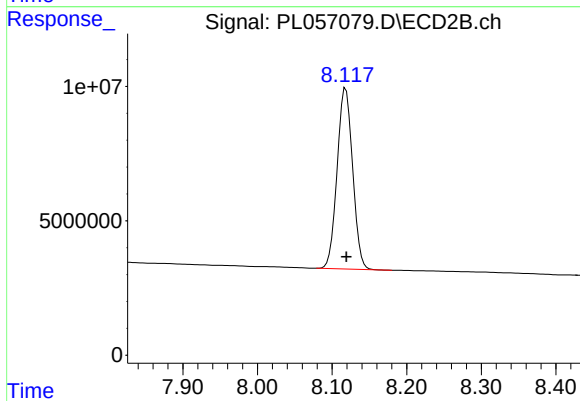
#21 Endrin ketone

R.T.: 7.667 min
Delta R.T.: -0.003 min
Response: 140305730
Conc: 51.20 ng/ml m



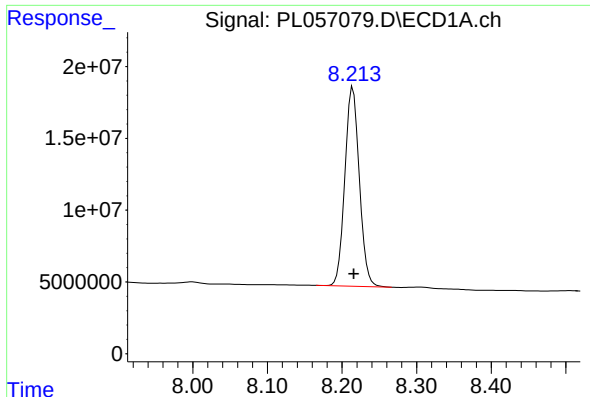
#22 Mirex

R.T.: 7.348 min
Delta R.T.: 0.000 min
Response: 409559004
Conc: 50.54 ng/ml



#22 Mirex

R.T.: 8.118 min
Delta R.T.: -0.001 min
Response: 97281040
Conc: 50.74 ng/ml



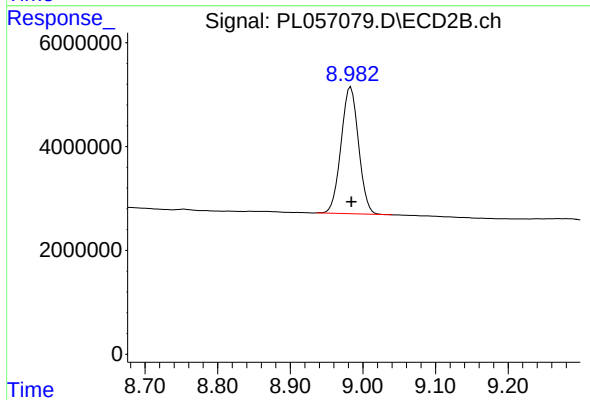
#28 Decachlorobiphenyl

R.T.: 8.215 min
Delta R.T.: -0.001 min
Response: 186712388
Conc: 19.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127282BS

Manual Integrations
APPROVED

mohammad
3/6/2020 11:36:43 AM



#28 Decachlorobiphenyl

R.T.: 8.983 min
Delta R.T.: -0.001 min
Response: 40875626
Conc: 19.24 ng/ml