

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112922\  
 Data File : PL079479.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Nov 2022 16:41  
 Operator : AR\AJ  
 Sample : PB149332BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB149332BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 29 20:38:51 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112322.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 24 00:09:49 2022  
 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... | 3.322 | 2.565 | 64429020 | 73340583 | 28.521 | 26.943 |
| 28)                         | SA Decachlor... | 8.771 | 7.631 | 58963139 | 64026451 | 30.361 | 27.254 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.783 | 3.051 | 172.5E6  | 199.1E6  | 50.161 | 46.185 |
| 3)                          | MA gamma-BHC... | 4.116 | 3.372 | 160.0E6  | 180.1E6  | 49.366 | 46.246 |
| 4)                          | MA Heptachlor   | 4.686 | 3.698 | 165.2E6  | 175.4E6  | 50.141 | 45.584 |
| 5)                          | MB Aldrin       | 5.024 | 3.970 | 162.2E6  | 175.7E6  | 52.247 | 47.322 |
| 6)                          | B beta-BHC      | 4.332 | 3.672 | 67534889 | 66990646 | 47.831 | 44.213 |
| 7)                          | B delta-BHC     | 4.572 | 3.892 | 149.6E6  | 179.8E6  | 53.909 | 46.739 |
| 8)                          | B Heptachlo...  | 5.457 | 4.466 | 147.8E6  | 157.1E6  | 51.765 | 46.556 |
| 9)                          | A Endosulfan I  | 5.842 | 4.829 | 135.9E6  | 148.4E6  | 51.098 | 46.381 |
| 10)                         | B gamma-Chl...  | 5.713 | 4.714 | 150.4E6  | 159.2E6  | 52.559 | 47.038 |
| 11)                         | B alpha-Chl...  | 5.789 | 4.776 | 147.3E6  | 154.5E6  | 51.106 | 46.119 |
| 12)                         | B 4,4'-DDE      | 5.973 | 4.971 | 130.0E6  | 145.8E6  | 52.042 | 47.541 |
| 13)                         | MA Dieldrin     | 6.120 | 5.090 | 143.0E6  | 161.4E6  | 52.144 | 47.885 |
| 14)                         | MA Endrin       | 6.350 | 5.361 | 123.2E6  | 142.2E6  | 50.911 | 47.026 |
| 15)                         | B Endosulfa...  | 6.579 | 5.658 | 118.8E6  | 134.7E6  | 52.621 | 48.138 |
| 16)                         | A 4,4'-DDD      | 6.498 | 5.522 | 107.2E6  | 121.4E6  | 54.029 | 48.521 |
| 17)                         | MA 4,4'-DDT     | 6.807 | 5.768 | 101.9E6  | 110.6E6  | 44.910 | 42.327 |
| 18)                         | B Endrin al...  | 6.711 | 5.836 | 98683152 | 106.0E6  | 54.486 | 49.779 |
| 19)                         | B Endosulfa...  | 6.944 | 6.059 | 120.0E6  | 131.9E6  | 51.751 | 46.729 |
| 20)                         | A Methoxychlor  | 7.291 | 6.345 | 53534798 | 56523435 | 44.376 | 41.587 |
| 21)                         | B Endrin ke...  | 7.430 | 6.555 | 128.2E6  | 148.9E6  | 51.956 | 48.346 |
| 22)                         | Mirex           | 7.886 | 6.727 | 97349213 | 109.5E6  | 51.396 | 46.298 |
| -----                       |                 |       |       |          |          |        |        |

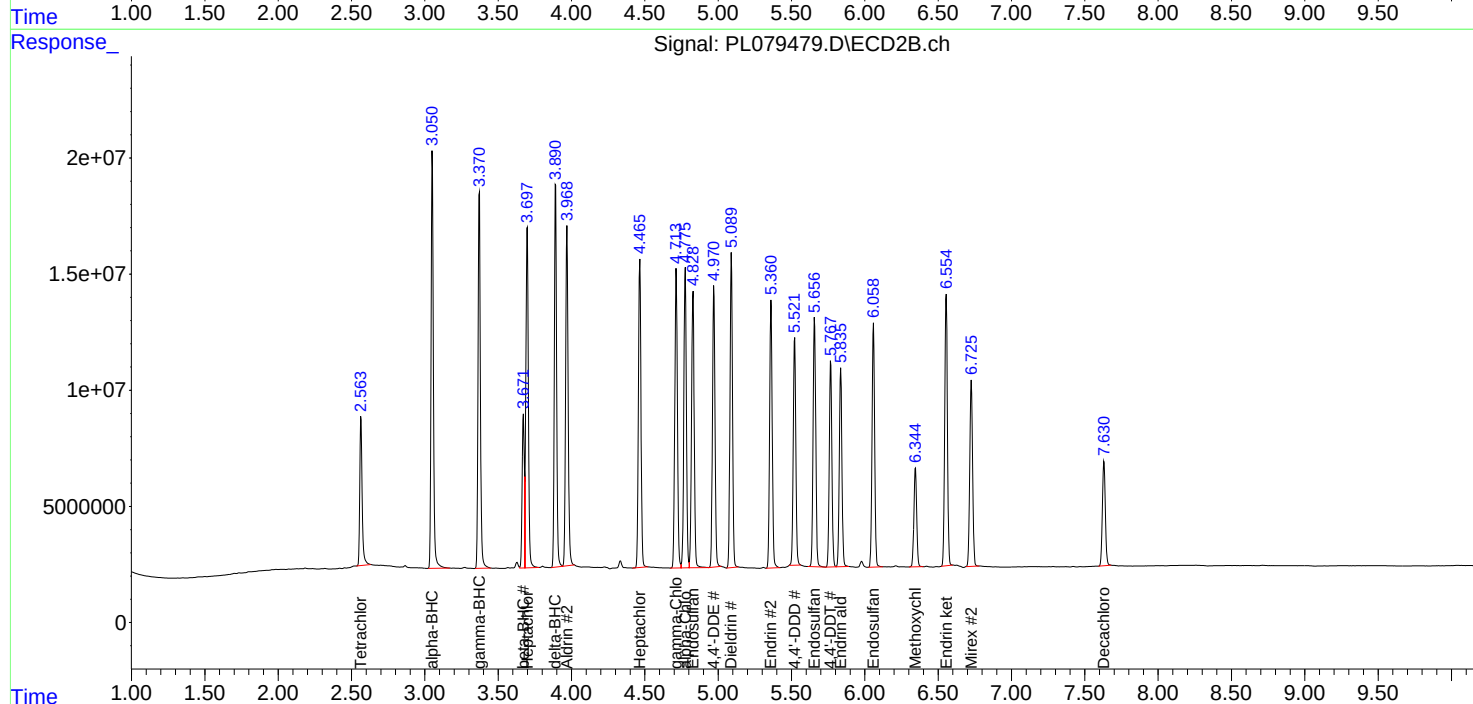
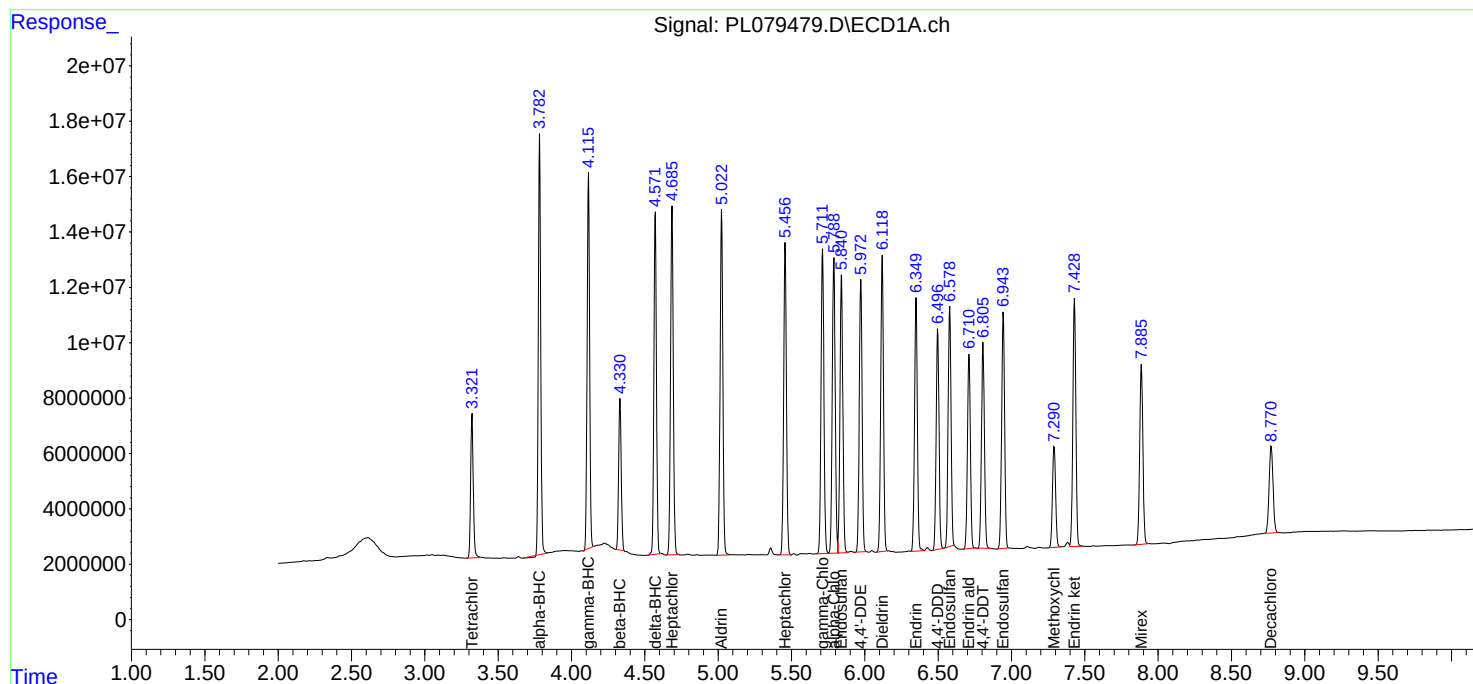
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

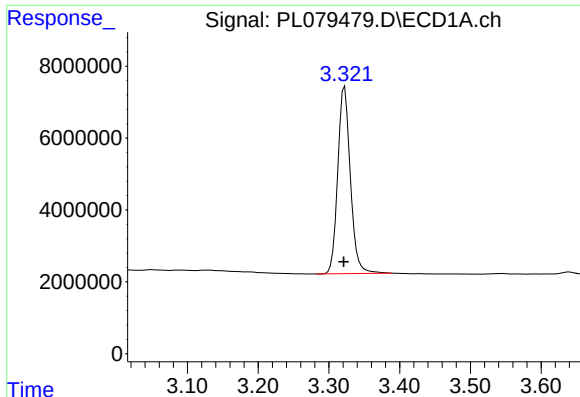
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112922\  
Data File : PL079479.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Nov 2022 16:41  
Operator : AR\AJ  
Sample : PB149332BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB149332BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 29 20:38:51 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112322.M  
Quant Title : GC Extractables  
QLast Update : Thu Nov 24 00:09:49 2022  
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

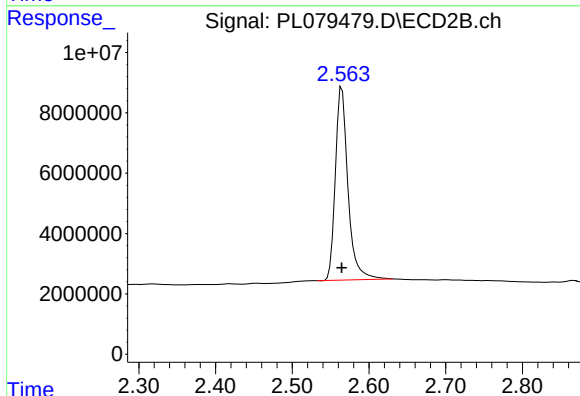




#1 Tetrachloro-m-xylene

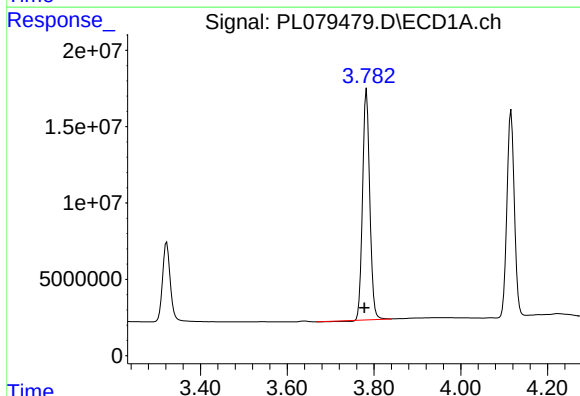
R.T.: 3.322 min  
Delta R.T.: 0.001 min  
Response: 64429020  
Conc: 28.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB149332BS



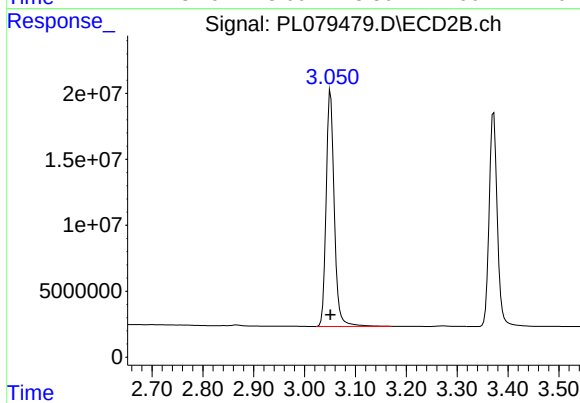
#1 Tetrachloro-m-xylene

R.T.: 2.565 min  
Delta R.T.: 0.000 min  
Response: 73340583  
Conc: 26.94 ng/ml



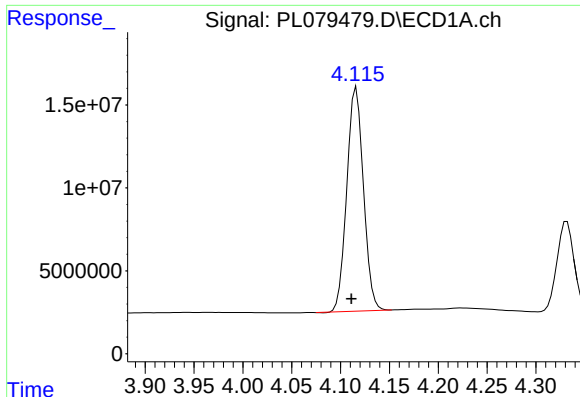
#2 alpha-BHC

R.T.: 3.783 min  
Delta R.T.: 0.005 min  
Response: 172492153  
Conc: 50.16 ng/ml



#2 alpha-BHC

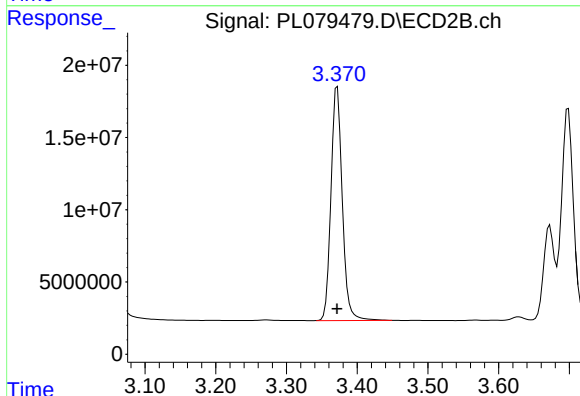
R.T.: 3.051 min  
Delta R.T.: 0.000 min  
Response: 199149597  
Conc: 46.18 ng/ml



#3 gamma-BHC (Lindane)

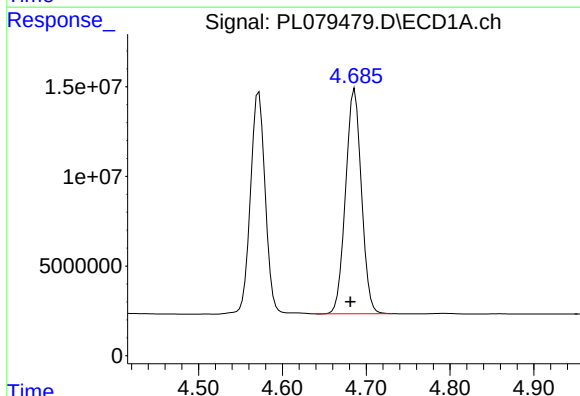
R.T.: 4.116 min  
Delta R.T.: 0.005 min  
Response: 159986297  
Conc: 49.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB149332BS



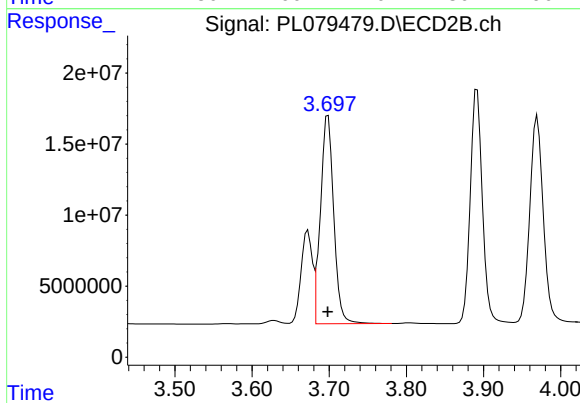
#3 gamma-BHC (Lindane)

R.T.: 3.372 min  
Delta R.T.: 0.000 min  
Response: 180066334  
Conc: 46.25 ng/ml



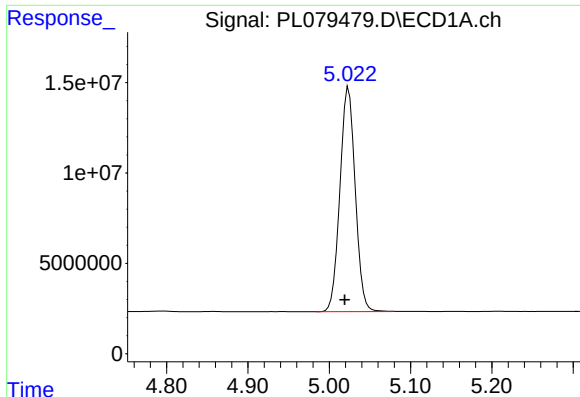
#4 Heptachlor

R.T.: 4.686 min  
Delta R.T.: 0.005 min  
Response: 165226488  
Conc: 50.14 ng/ml



#4 Heptachlor

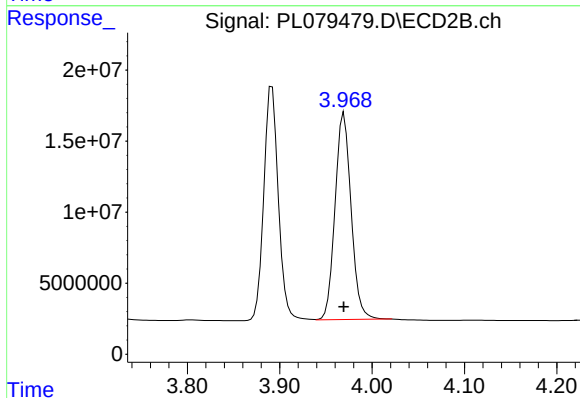
R.T.: 3.698 min  
Delta R.T.: 0.000 min  
Response: 175396007  
Conc: 45.58 ng/ml



#5 Aldrin

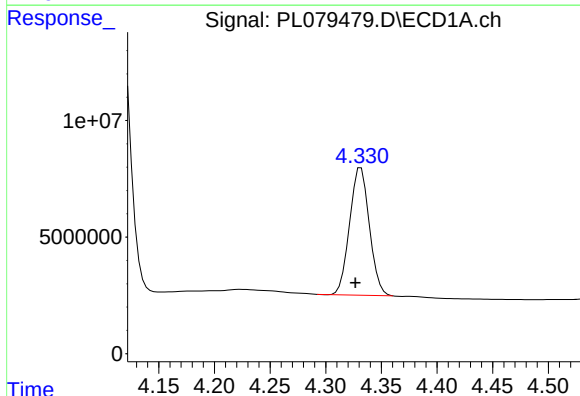
R.T.: 5.024 min  
Delta R.T.: 0.005 min  
Response: 162245837  
Conc: 52.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB149332BS



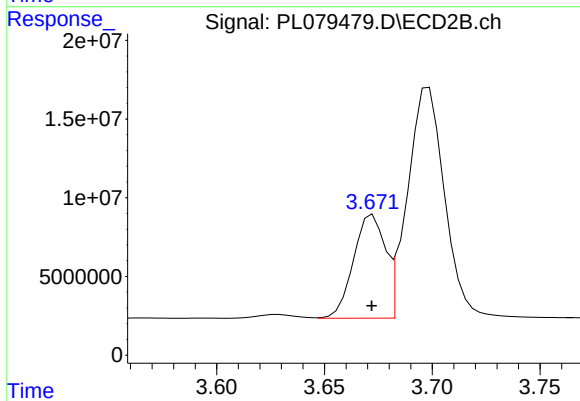
#5 Aldrin

R.T.: 3.970 min  
Delta R.T.: 0.000 min  
Response: 175699914  
Conc: 47.32 ng/ml



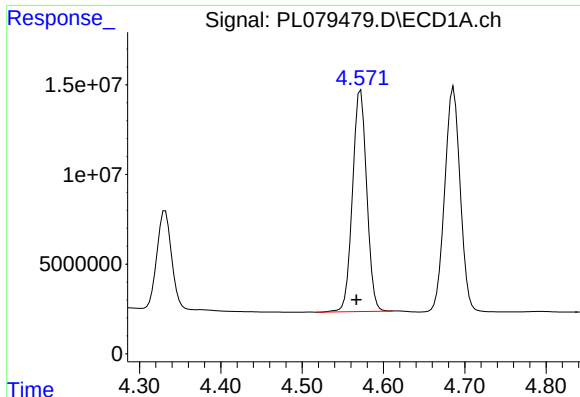
#6 beta-BHC

R.T.: 4.332 min  
Delta R.T.: 0.005 min  
Response: 67534889  
Conc: 47.83 ng/ml



#6 beta-BHC

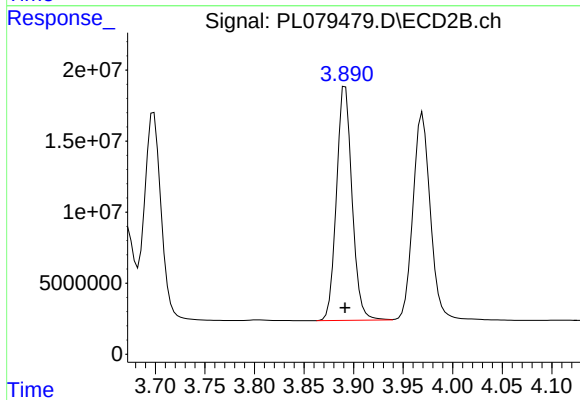
R.T.: 3.672 min  
Delta R.T.: 0.000 min  
Response: 66990646  
Conc: 44.21 ng/ml



#7 delta-BHC

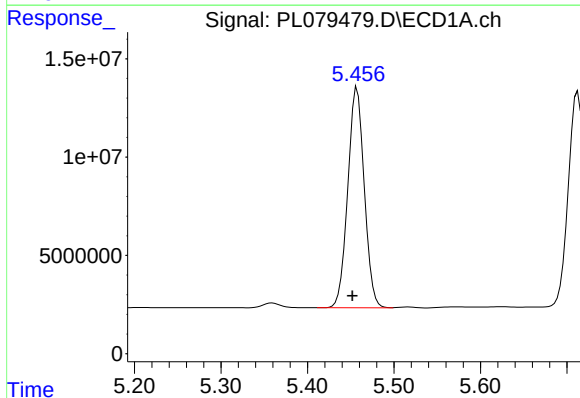
R.T.: 4.572 min  
Delta R.T.: 0.005 min  
Response: 149562339  
Conc: 53.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB149332BS



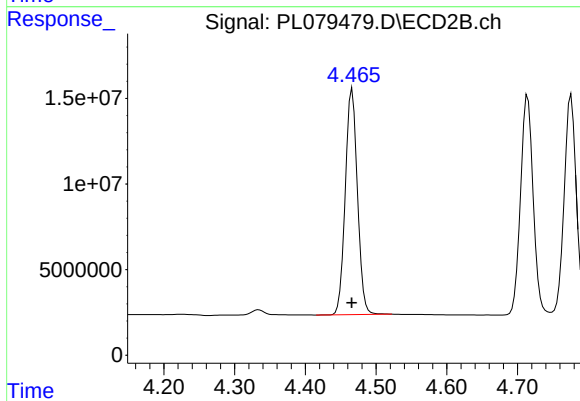
#7 delta-BHC

R.T.: 3.892 min  
Delta R.T.: 0.000 min  
Response: 179814359  
Conc: 46.74 ng/ml



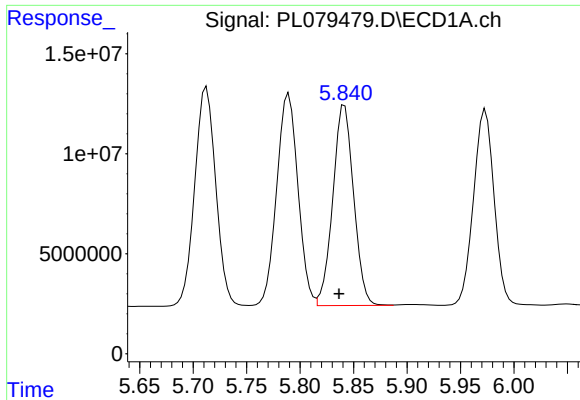
#8 Heptachlor epoxide

R.T.: 5.457 min  
Delta R.T.: 0.005 min  
Response: 147788865  
Conc: 51.77 ng/ml



#8 Heptachlor epoxide

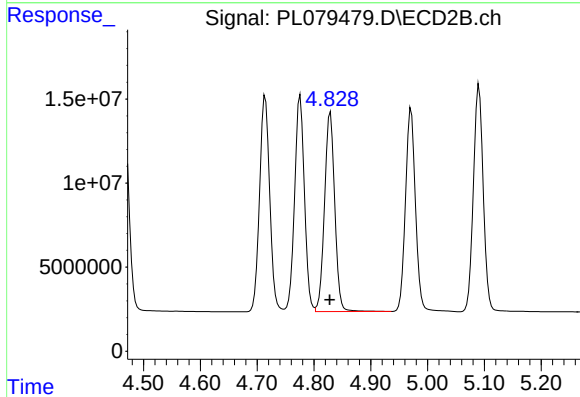
R.T.: 4.466 min  
Delta R.T.: 0.000 min  
Response: 157143262  
Conc: 46.56 ng/ml



#9 Endosulfan I

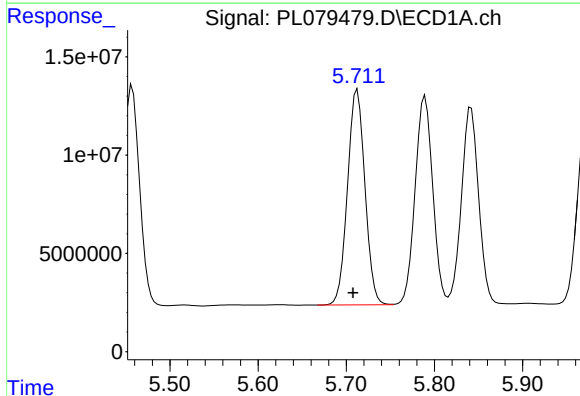
R.T.: 5.842 min  
Delta R.T.: 0.005 min  
Response: 135856393  
Conc: 51.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB149332BS



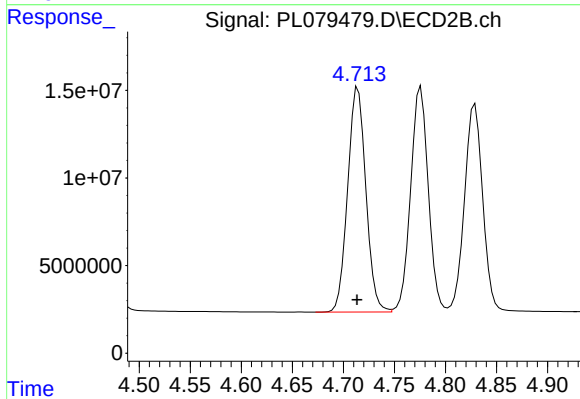
#9 Endosulfan I

R.T.: 4.829 min  
Delta R.T.: 0.000 min  
Response: 148411414  
Conc: 46.38 ng/ml



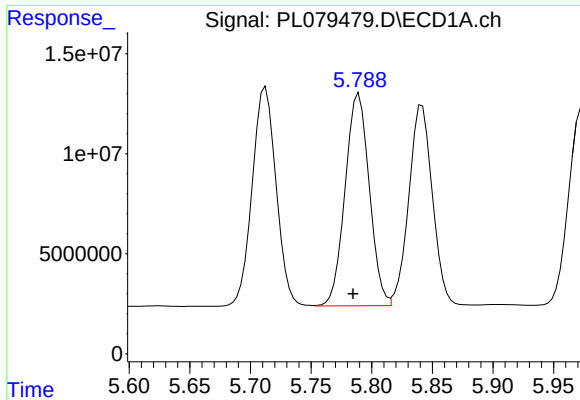
#10 gamma-Chlordane

R.T.: 5.713 min  
Delta R.T.: 0.005 min  
Response: 150380970  
Conc: 52.56 ng/ml



#10 gamma-Chlordane

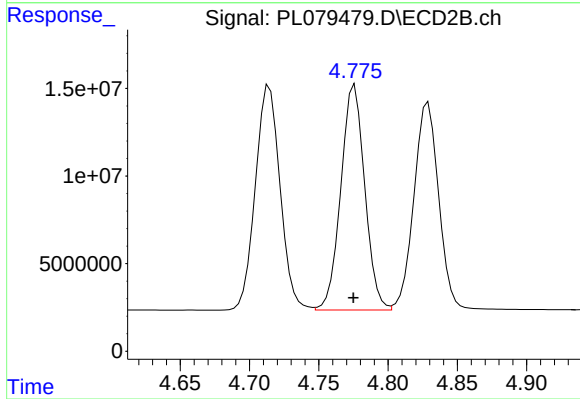
R.T.: 4.714 min  
Delta R.T.: 0.001 min  
Response: 159188196  
Conc: 47.04 ng/ml



#11 alpha-Chlordane

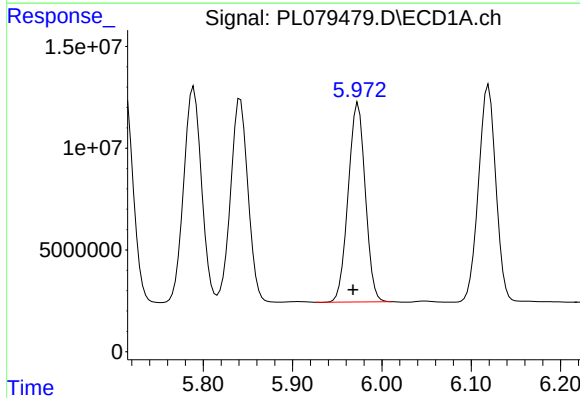
R.T.: 5.789 min  
Delta R.T.: 0.005 min  
Response: 147268018  
Conc: 51.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB149332BS



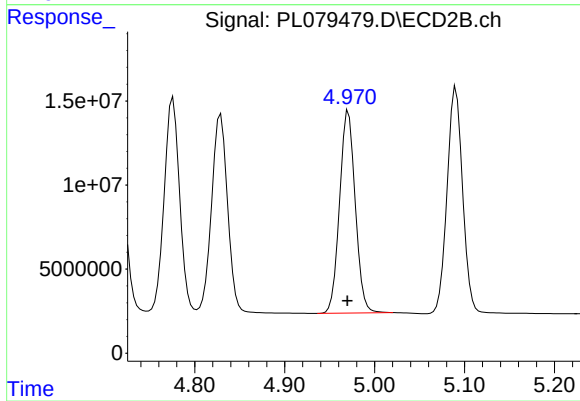
#11 alpha-Chlordane

R.T.: 4.776 min  
Delta R.T.: 0.001 min  
Response: 154462326  
Conc: 46.12 ng/ml



#12 4,4'-DDE

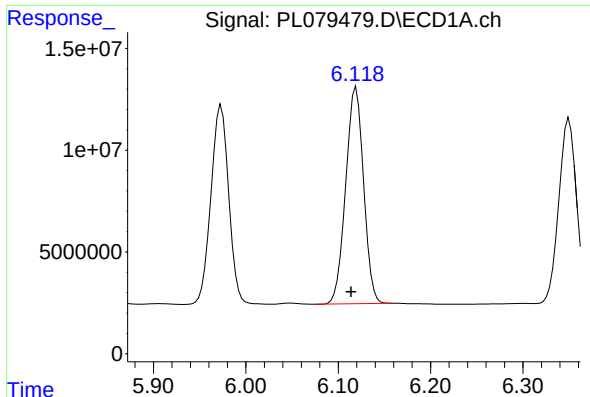
R.T.: 5.973 min  
Delta R.T.: 0.006 min  
Response: 130020701  
Conc: 52.04 ng/ml



#12 4,4'-DDE

R.T.: 4.971 min  
Delta R.T.: 0.001 min  
Response: 145767959  
Conc: 47.54 ng/ml

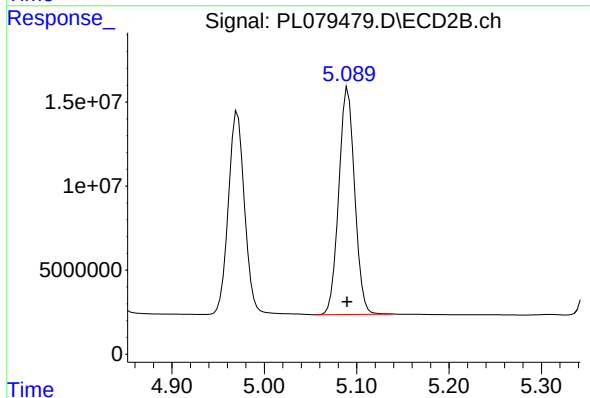




#13 Dieldrin

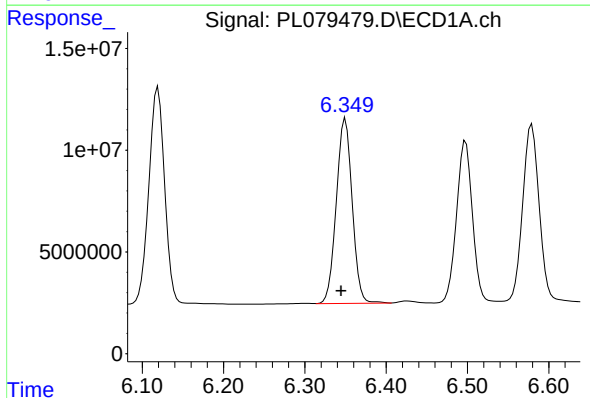
R.T.: 6.120 min  
Delta R.T.: 0.006 min  
Response: 143024147  
Conc: 52.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB149332BS



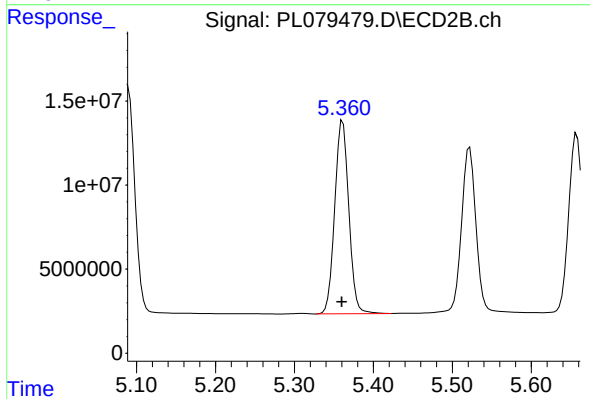
#13 Dieldrin

R.T.: 5.090 min  
Delta R.T.: 0.000 min  
Response: 161428776  
Conc: 47.89 ng/ml



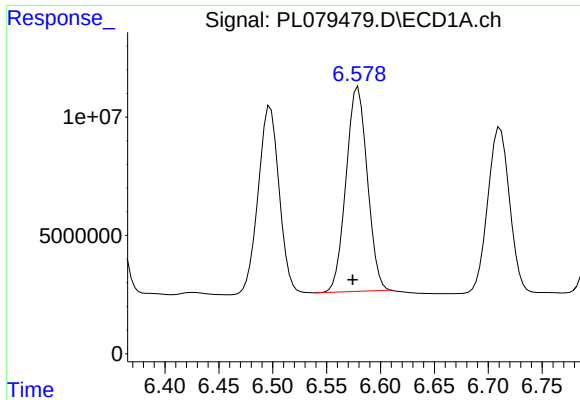
#14 Endrin

R.T.: 6.350 min  
Delta R.T.: 0.005 min  
Response: 123163316  
Conc: 50.91 ng/ml



#14 Endrin

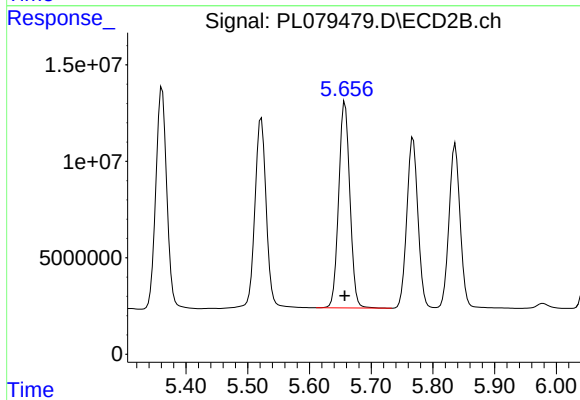
R.T.: 5.361 min  
Delta R.T.: 0.001 min  
Response: 142240818  
Conc: 47.03 ng/ml



#15 Endosulfan II

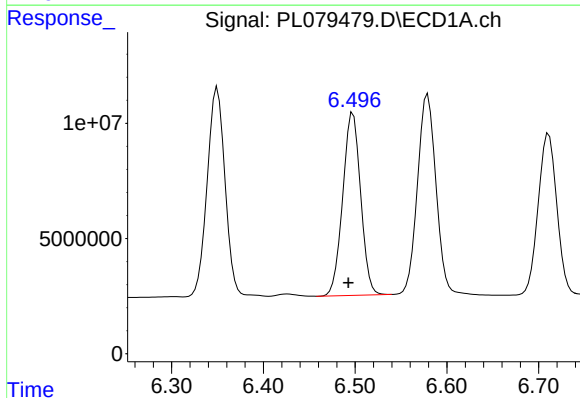
R.T.: 6.579 min  
Delta R.T.: 0.005 min  
Response: 118789825  
Conc: 52.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB149332BS



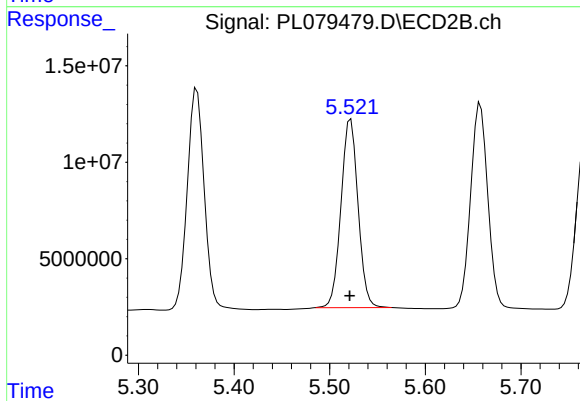
#15 Endosulfan II

R.T.: 5.658 min  
Delta R.T.: 0.000 min  
Response: 134699464  
Conc: 48.14 ng/ml



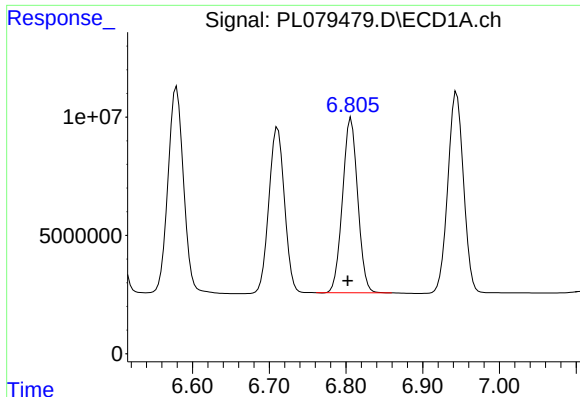
#16 4,4'-DDD

R.T.: 6.498 min  
Delta R.T.: 0.005 min  
Response: 107195189  
Conc: 54.03 ng/ml



#16 4,4'-DDD

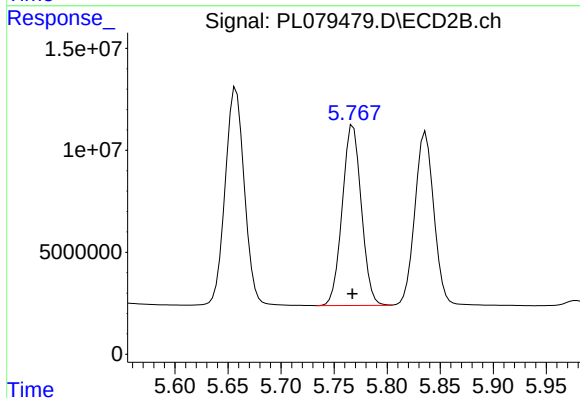
R.T.: 5.522 min  
Delta R.T.: 0.001 min  
Response: 121374927  
Conc: 48.52 ng/ml



#17 4,4'-DDT

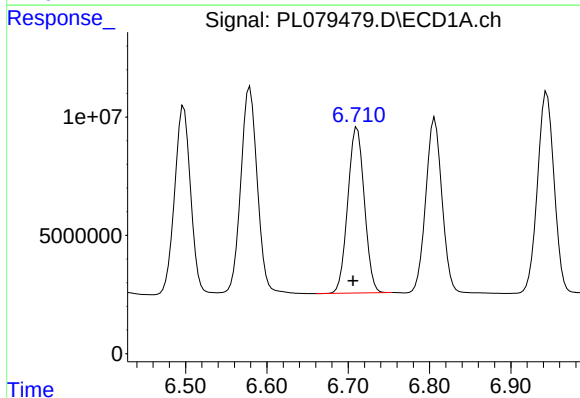
R.T.: 6.807 min  
Delta R.T.: 0.004 min  
Response: 101871738  
Conc: 44.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB149332BS



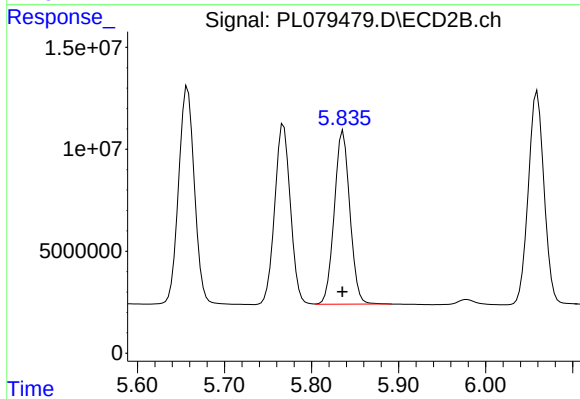
#17 4,4'-DDT

R.T.: 5.768 min  
Delta R.T.: 0.000 min  
Response: 110625677  
Conc: 42.33 ng/ml



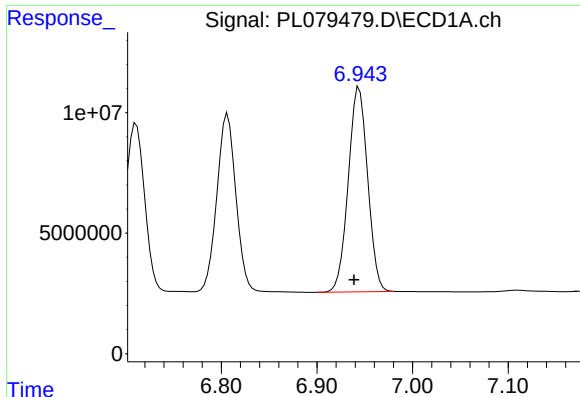
#18 Endrin aldehyde

R.T.: 6.711 min  
Delta R.T.: 0.005 min  
Response: 98683152  
Conc: 54.49 ng/ml



#18 Endrin aldehyde

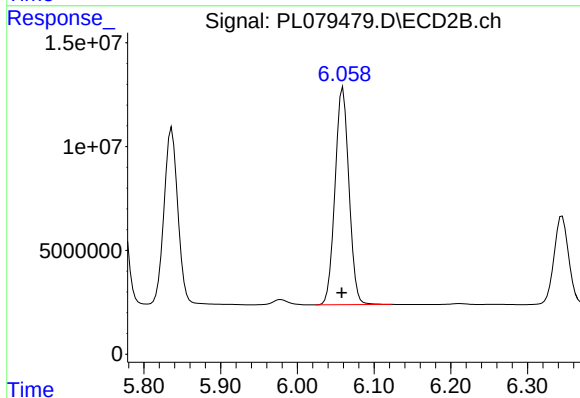
R.T.: 5.836 min  
Delta R.T.: 0.000 min  
Response: 105951663  
Conc: 49.78 ng/ml



#19 Endosulfan Sulfate

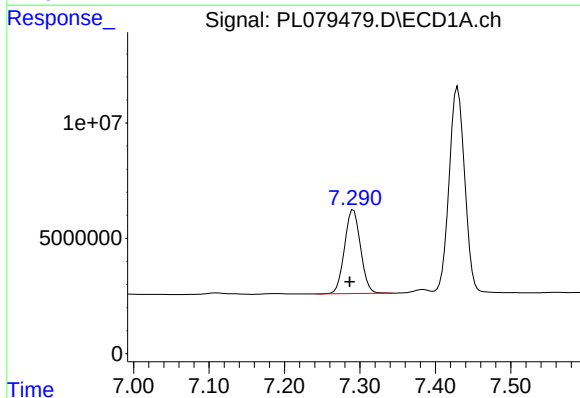
R.T.: 6.944 min  
Delta R.T.: 0.005 min  
Response: 120006449  
Conc: 51.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB149332BS



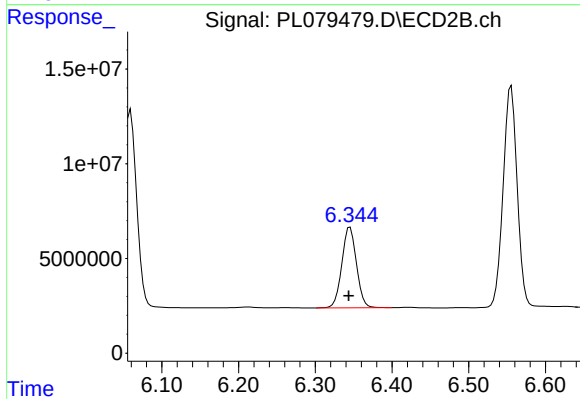
#19 Endosulfan Sulfate

R.T.: 6.059 min  
Delta R.T.: 0.002 min  
Response: 131855708  
Conc: 46.73 ng/ml



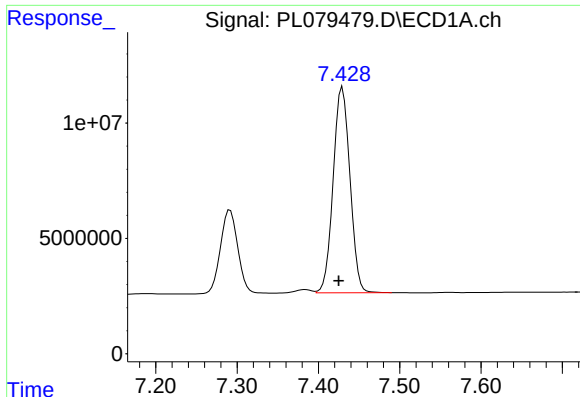
#20 Methoxychlor

R.T.: 7.291 min  
Delta R.T.: 0.005 min  
Response: 53534798  
Conc: 44.38 ng/ml



#20 Methoxychlor

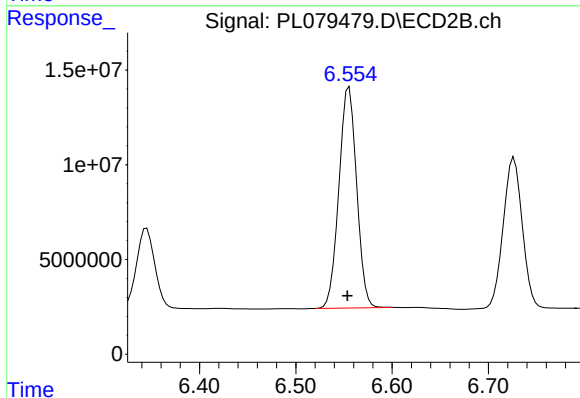
R.T.: 6.345 min  
Delta R.T.: 0.001 min  
Response: 56523435  
Conc: 41.59 ng/ml



#21 Endrin ketone

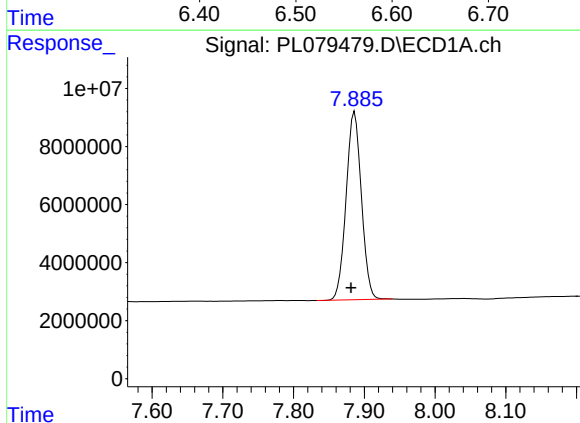
R.T.: 7.430 min  
Delta R.T.: 0.005 min  
Response: 128188639  
Conc: 51.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB149332BS



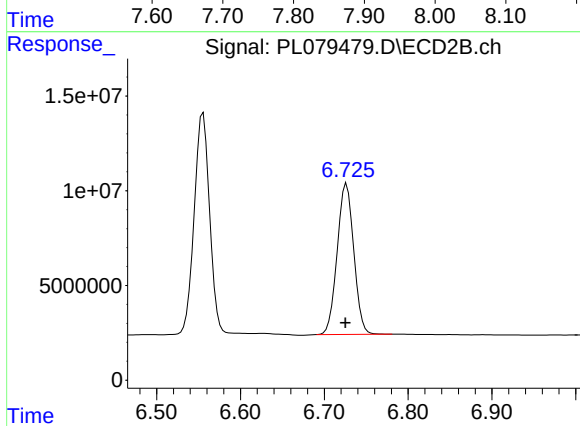
#21 Endrin ketone

R.T.: 6.555 min  
Delta R.T.: 0.002 min  
Response: 148902368  
Conc: 48.35 ng/ml



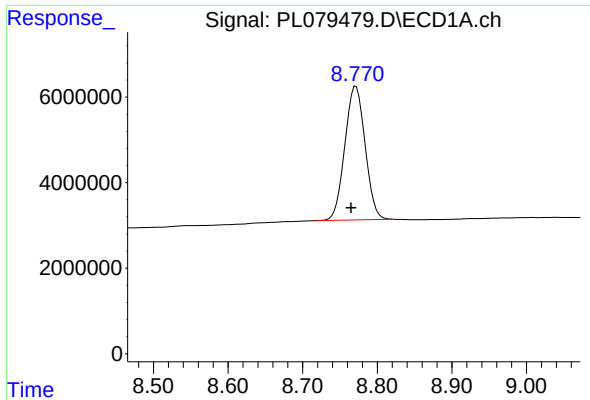
#22 Mirex

R.T.: 7.886 min  
Delta R.T.: 0.005 min  
Response: 97349213  
Conc: 51.40 ng/ml



#22 Mirex

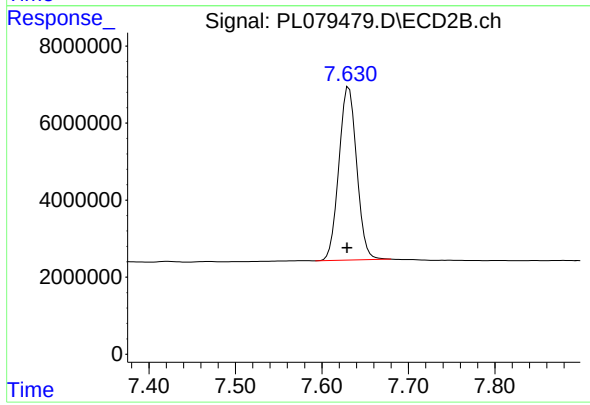
R.T.: 6.727 min  
Delta R.T.: 0.001 min  
Response: 109496572  
Conc: 46.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.771 min  
Delta R.T.: 0.006 min  
Response: 58963139  
Conc: 30.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB149332BS



#28 Decachlorobiphenyl

R.T.: 7.631 min  
Delta R.T.: 0.002 min  
Response: 64026451  
Conc: 27.25 ng/ml