

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112219\  
 Data File : PL054567.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Nov 2019 18:36  
 Operator : SG\AJ  
 Sample : PB125032BSD  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB125032BSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 23 01:11:49 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL111819.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 19 01:04:14 2019  
 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... | 3.538 | 4.048 | 192.0E6 | 46742375 | 18.462 | 19.186 |
| 28)                         | SA Decachlor... | 8.321 | 9.143 | 173.3E6 | 44674267 | 19.585 | 18.477 |
| Target Compounds            |                 |       |       |         |          |        |        |
| 2)                          | A alpha-BHC     | 3.982 | 4.440 | 918.9E6 | 183.0E6  | 53.938 | 54.355 |
| 3)                          | MA gamma-BHC... | 4.269 | 4.725 | 839.4E6 | 168.3E6  | 55.871 | 54.745 |
| 4)                          | MA Heptachlor   | 4.574 | 5.235 | 850.2E6 | 154.2E6  | 55.520 | 53.649 |
| 5)                          | MB Aldrin       | 4.826 | 5.540 | 796.8E6 | 142.5E6  | 56.862 | 53.996 |
| 6)                          | B beta-BHC      | 4.519 | 4.896 | 353.2E6 | 76644489 | 54.946 | 51.155 |
| 7)                          | B delta-BHC     | 4.727 | 5.114 | 771.2E6 | 141.9E6  | 55.061 | 56.341 |
| 8)                          | B Heptachlo...  | 5.271 | 5.927 | 747.3E6 | 129.7E6  | 57.859 | 54.579 |
| 9)                          | A Endosulfan I  | 5.613 | 6.284 | 684.8E6 | 124.8E6  | 57.807 | 53.254 |
| 10)                         | B gamma-Chl...  | 5.500 | 6.161 | 749.5E6 | 131.9E6  | 58.371 | 53.025 |
| 11)                         | B alpha-Chl...  | 5.558 | 6.234 | 717.0E6 | 133.0E6  | 57.133 | 53.449 |
| 12)                         | B 4,4'-DDE      | 5.721 | 6.390 | 668.1E6 | 126.3E6  | 57.760 | 52.853 |
| 13)                         | MA Dieldrin     | 5.857 | 6.541 | 686.8E6 | 128.8E6  | 56.162 | 53.198 |
| 14)                         | MA Endrin       | 6.116 | 6.760 | 630.7E6 | 111.6E6  | 57.102 | 52.648 |
| 15)                         | B Endosulfa...  | 6.389 | 6.969 | 575.3E6 | 117.9E6  | 54.928 | 54.226 |
| 16)                         | A 4,4'-DDD      | 6.239 | 6.881 | 483.5E6 | 97555529 | 58.619 | 55.127 |
| 17)                         | MA 4,4'-DDT     | 6.481 | 7.180 | 518.9E6 | 103.5E6  | 57.229 | 52.766 |
| 18)                         | B Endrin al...  | 6.557 | 7.093 | 464.0E6 | 98334074 | 54.179 | 51.984 |
| 19)                         | B Endosulfa...  | 6.771 | 7.317 | 507.3E6 | 107.2E6  | 54.176 | 51.909 |
| 20)                         | A Methoxychlor  | 7.025 | 7.639 | 250.7E6 | 57667346 | 54.777 | 51.680 |
| 21)                         | B Endrin ke...  | 7.264 | 7.790 | 561.3E6 | 117.2E6  | 55.875 | 51.739 |
| 22)                         | Mirex           | 7.457 | 8.247 | 435.6E6 | 94809917 | 57.192 | 55.971 |
| -----                       |                 |       |       |         |          |        |        |

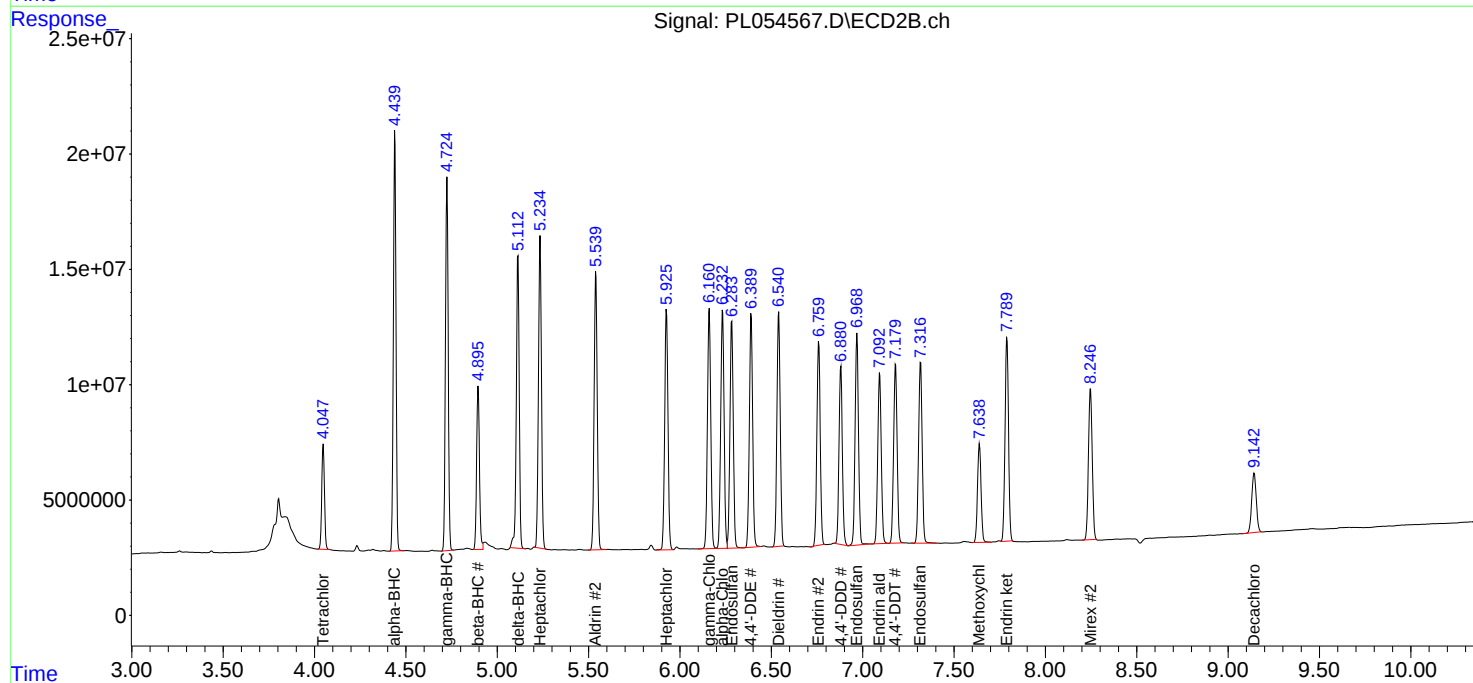
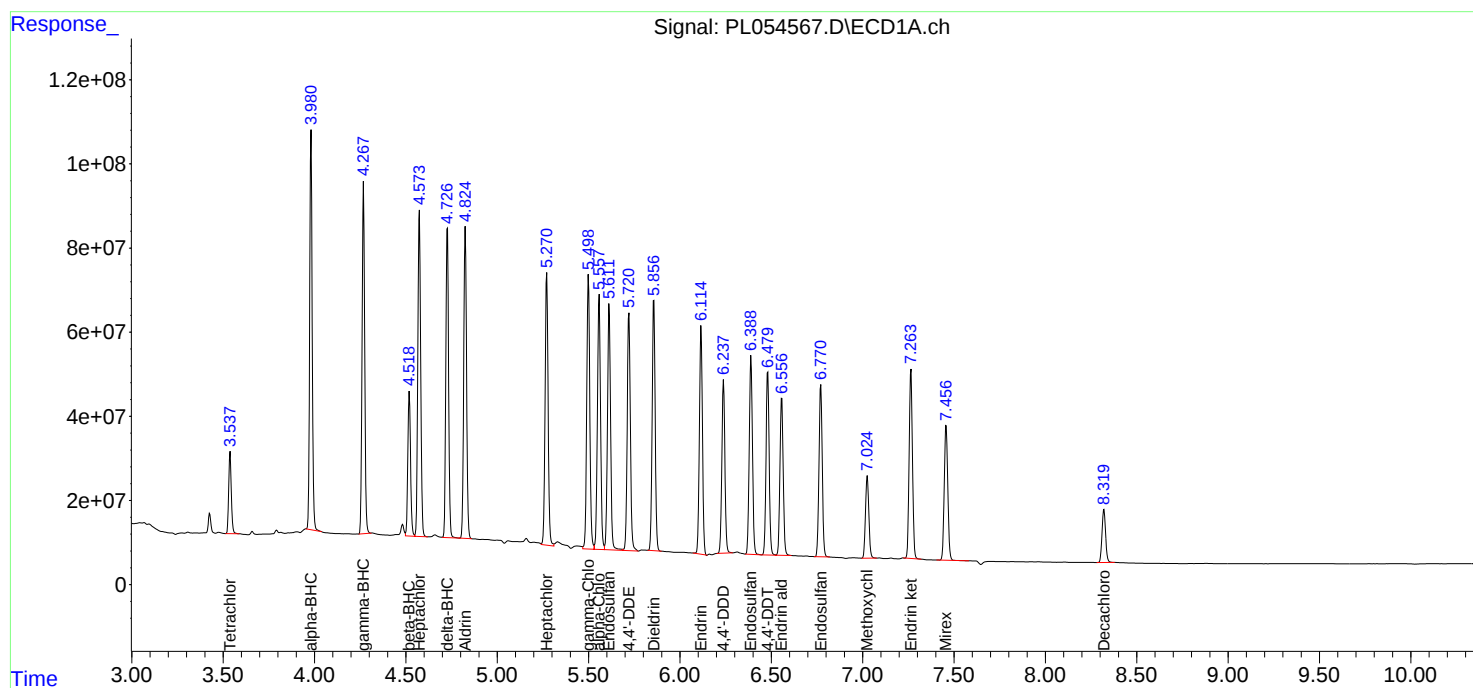
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

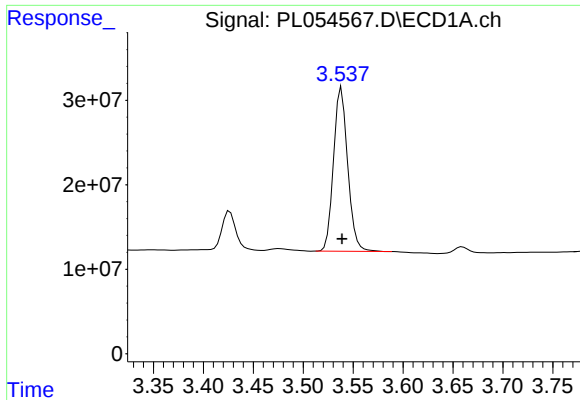
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112219\  
Data File : PL054567.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Nov 2019 18:36  
Operator : SG\AJ  
Sample : PB125032BSD  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB125032BSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 23 01:11:49 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL111819.M  
Quant Title : GC Extractables  
QLast Update : Tue Nov 19 01:04:14 2019  
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

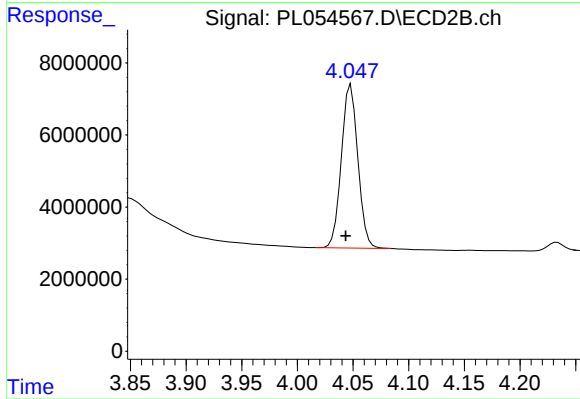




#1 Tetrachloro-m-xylene

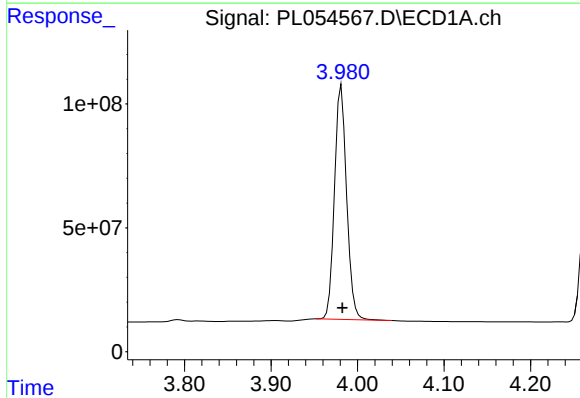
R.T.: 3.538 min  
Delta R.T.: 0.000 min  
Response: 191951867  
Conc: 18.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125032BSD



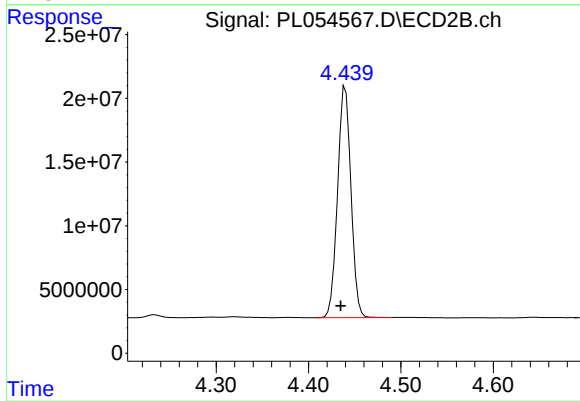
#1 Tetrachloro-m-xylene

R.T.: 4.048 min  
Delta R.T.: 0.005 min  
Response: 46742375  
Conc: 19.19 ng/ml



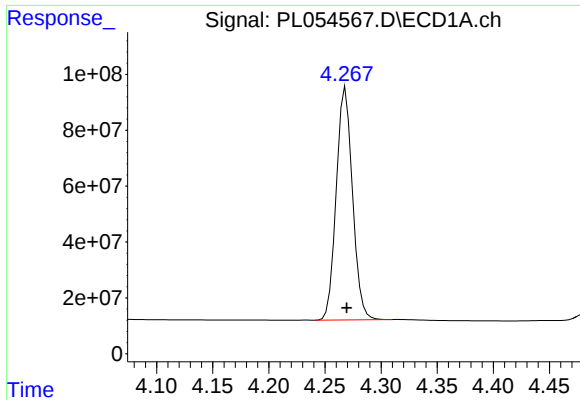
#2 alpha-BHC

R.T.: 3.982 min  
Delta R.T.: 0.000 min  
Response: 918876999  
Conc: 53.94 ng/ml



#2 alpha-BHC

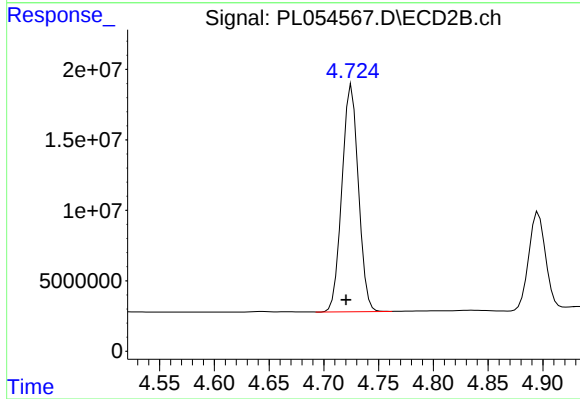
R.T.: 4.440 min  
Delta R.T.: 0.005 min  
Response: 183015416  
Conc: 54.36 ng/ml



#3 gamma-BHC (Lindane)

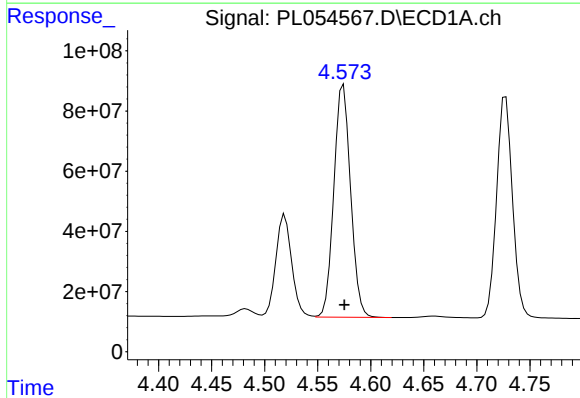
R.T.: 4.269 min  
Delta R.T.: 0.000 min  
Response: 839435582  
Conc: 55.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125032BSD



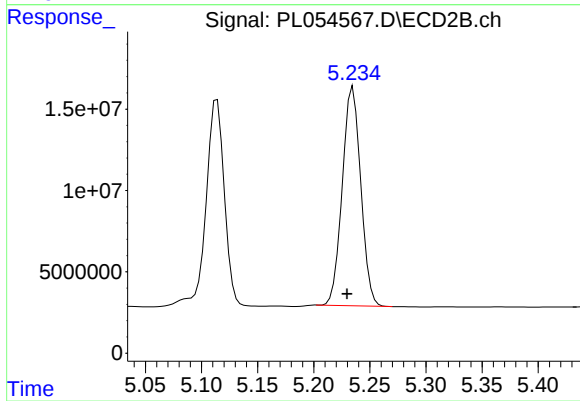
#3 gamma-BHC (Lindane)

R.T.: 4.725 min  
Delta R.T.: 0.005 min  
Response: 168329710  
Conc: 54.74 ng/ml



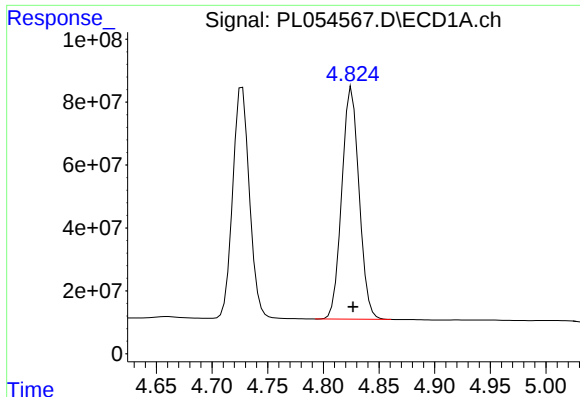
#4 Heptachlor

R.T.: 4.574 min  
Delta R.T.: 0.000 min  
Response: 850171107  
Conc: 55.52 ng/ml



#4 Heptachlor

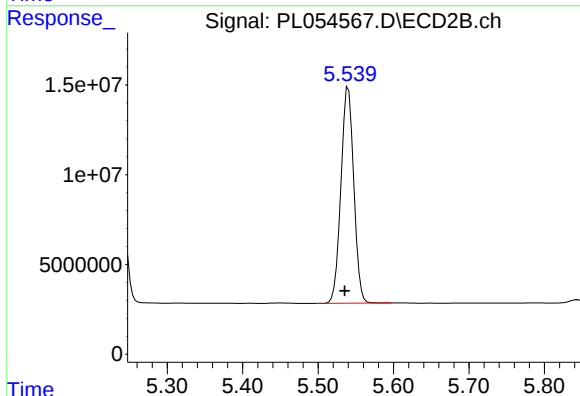
R.T.: 5.235 min  
Delta R.T.: 0.005 min  
Response: 154172082  
Conc: 53.65 ng/ml



#5 Aldrin

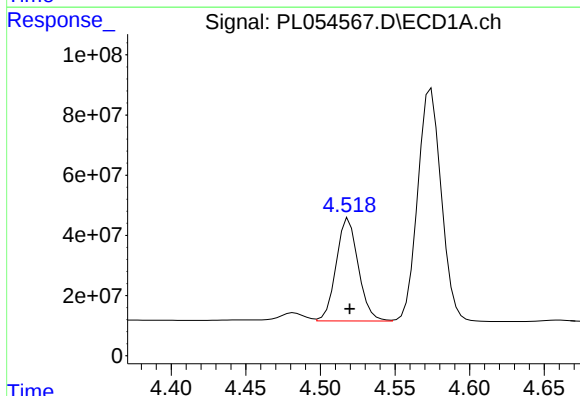
R.T.: 4.826 min  
Delta R.T.: -0.001 min  
Response: 796780732  
Conc: 56.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125032BSD



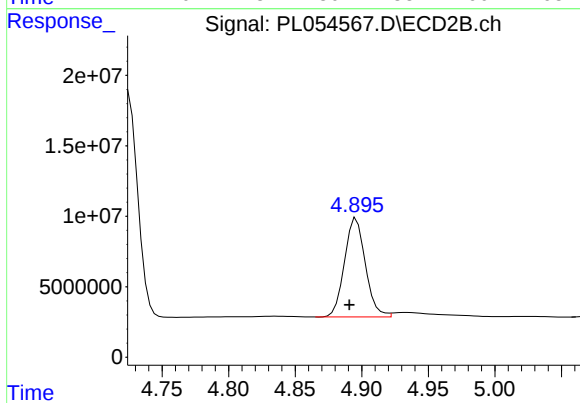
#5 Aldrin

R.T.: 5.540 min  
Delta R.T.: 0.005 min  
Response: 142521715  
Conc: 54.00 ng/ml



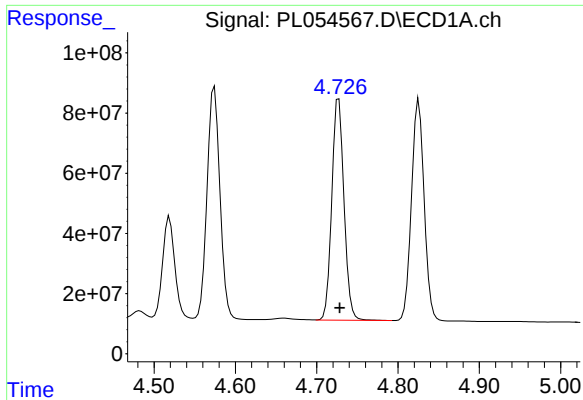
#6 beta-BHC

R.T.: 4.519 min  
Delta R.T.: 0.000 min  
Response: 353245696  
Conc: 54.95 ng/ml



#6 beta-BHC

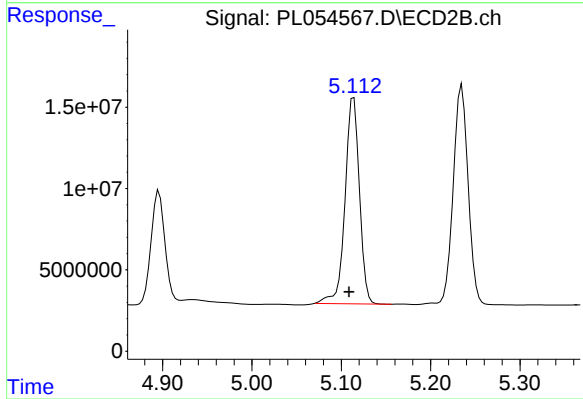
R.T.: 4.896 min  
Delta R.T.: 0.005 min  
Response: 76644489  
Conc: 51.15 ng/ml



#7 delta-BHC

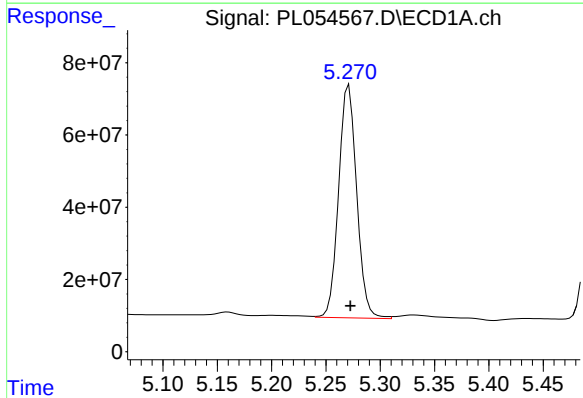
R.T.: 4.727 min  
Delta R.T.: 0.000 min  
Response: 771163282  
Conc: 55.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125032BSD



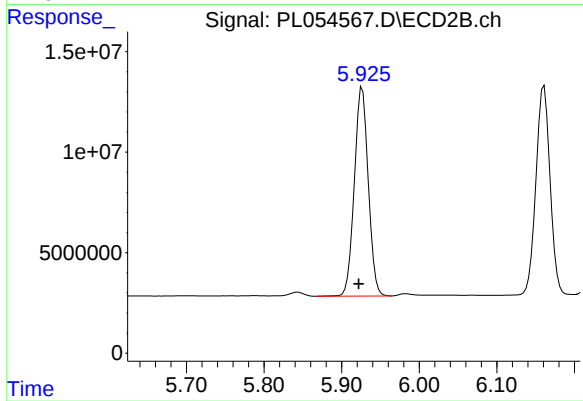
#7 delta-BHC

R.T.: 5.114 min  
Delta R.T.: 0.005 min  
Response: 141925076  
Conc: 56.34 ng/ml



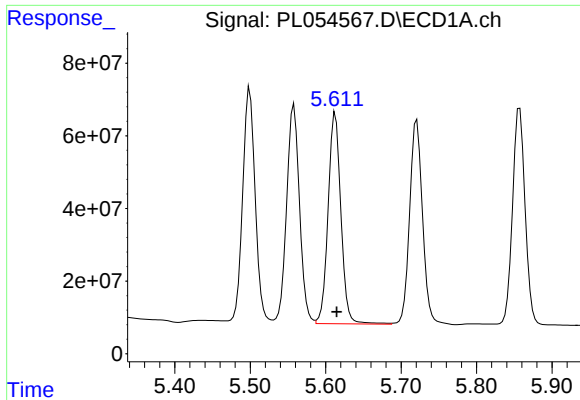
#8 Heptachlor epoxide

R.T.: 5.271 min  
Delta R.T.: -0.002 min  
Response: 747282983  
Conc: 57.86 ng/ml



#8 Heptachlor epoxide

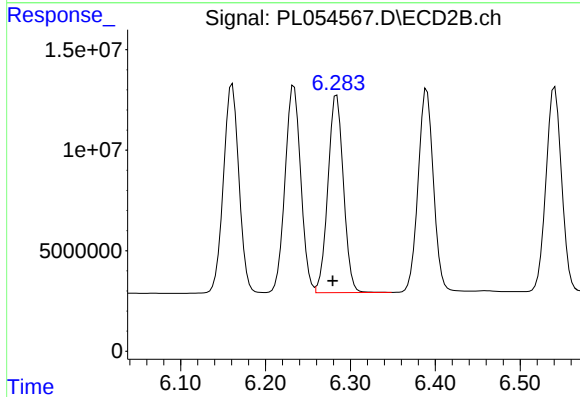
R.T.: 5.927 min  
Delta R.T.: 0.005 min  
Response: 129715029  
Conc: 54.58 ng/ml



#9 Endosulfan I

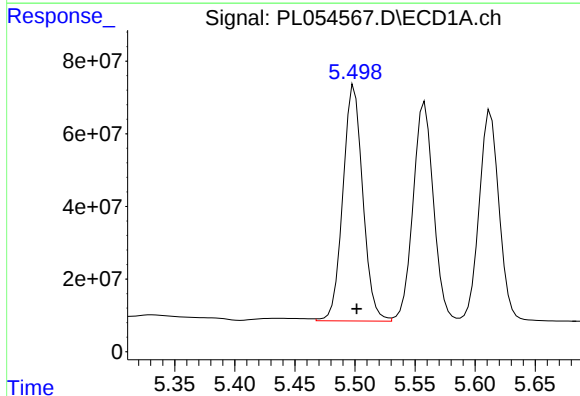
R.T.: 5.613 min  
Delta R.T.: -0.002 min  
Response: 684778823  
Conc: 57.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125032BSD



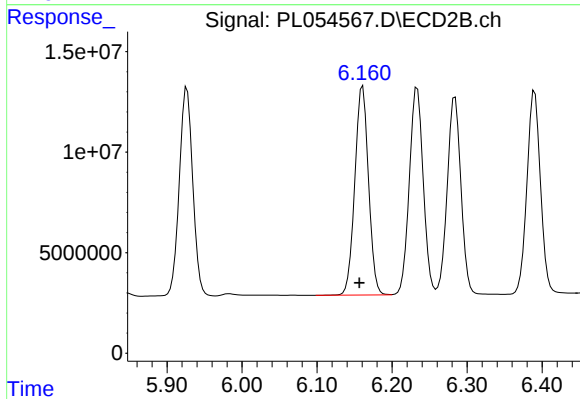
#9 Endosulfan I

R.T.: 6.284 min  
Delta R.T.: 0.005 min  
Response: 124848232  
Conc: 53.25 ng/ml



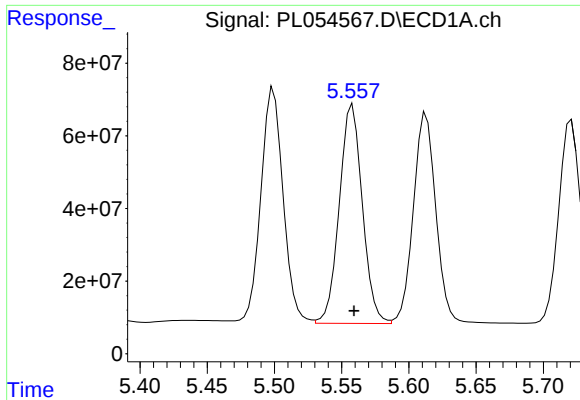
#10 gamma-Chlordane

R.T.: 5.500 min  
Delta R.T.: -0.002 min  
Response: 749465723  
Conc: 58.37 ng/ml



#10 gamma-Chlordane

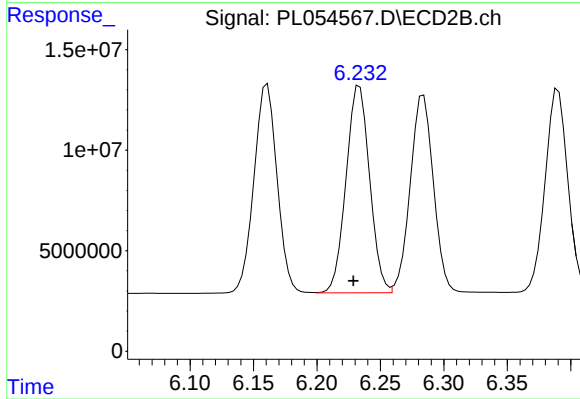
R.T.: 6.161 min  
Delta R.T.: 0.005 min  
Response: 131949674  
Conc: 53.02 ng/ml



#11 alpha-Chlordane

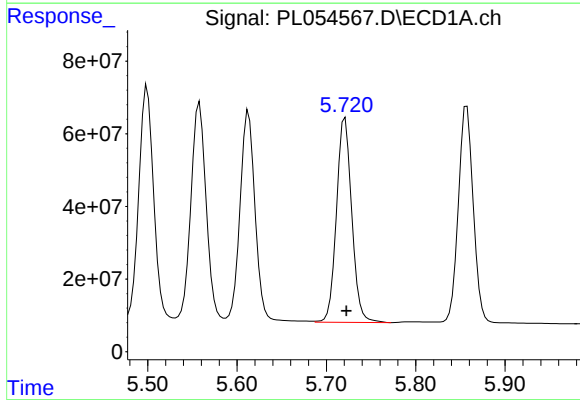
R.T.: 5.558 min  
Delta R.T.: -0.001 min  
Response: 716986131  
Conc: 57.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125032BSD



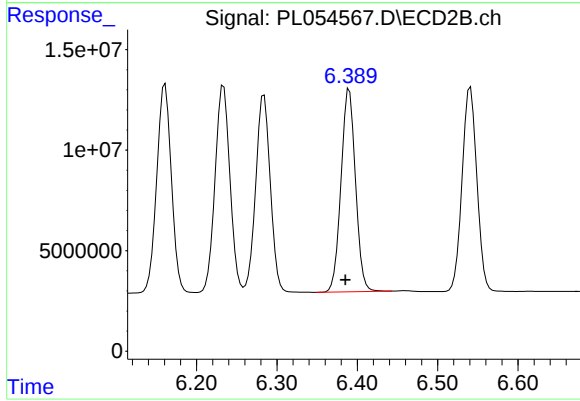
#11 alpha-Chlordane

R.T.: 6.234 min  
Delta R.T.: 0.005 min  
Response: 133037848  
Conc: 53.45 ng/ml



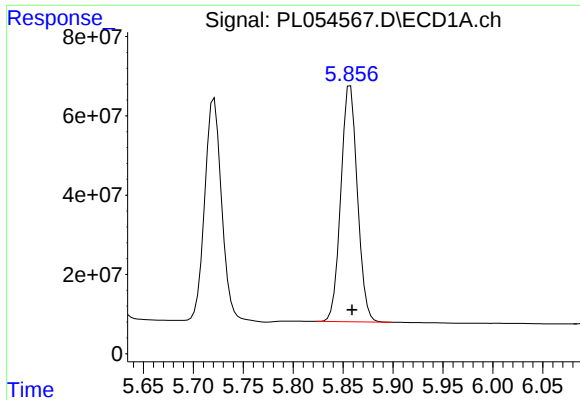
#12 4,4'-DDE

R.T.: 5.721 min  
Delta R.T.: -0.002 min  
Response: 668088892  
Conc: 57.76 ng/ml



#12 4,4'-DDE

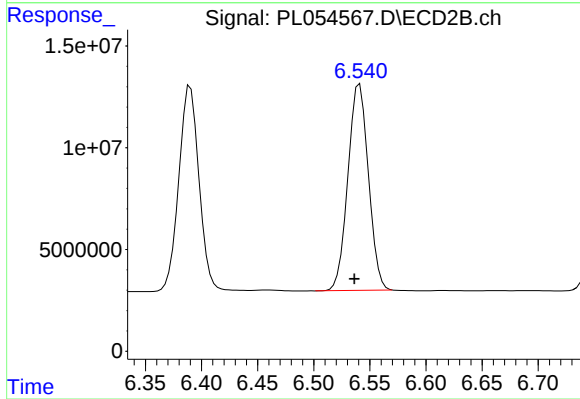
R.T.: 6.390 min  
Delta R.T.: 0.005 min  
Response: 126255841  
Conc: 52.85 ng/ml



#13 Dieldrin

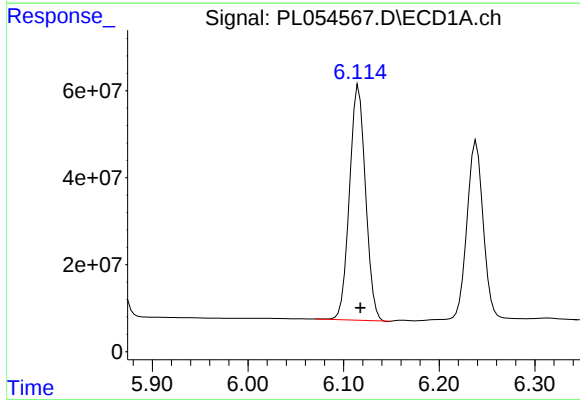
R.T.: 5.857 min  
Delta R.T.: -0.002 min  
Response: 686808810  
Conc: 56.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125032BSD



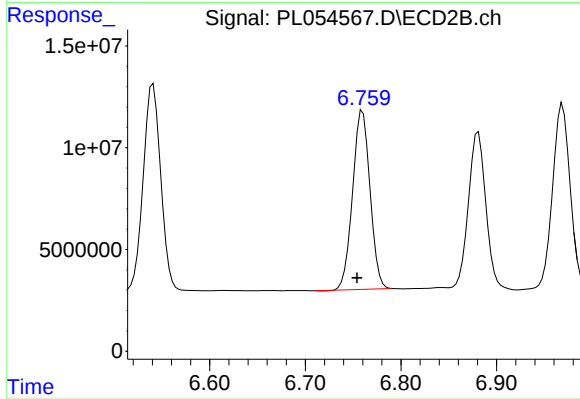
#13 Dieldrin

R.T.: 6.541 min  
Delta R.T.: 0.005 min  
Response: 128833443  
Conc: 53.20 ng/ml



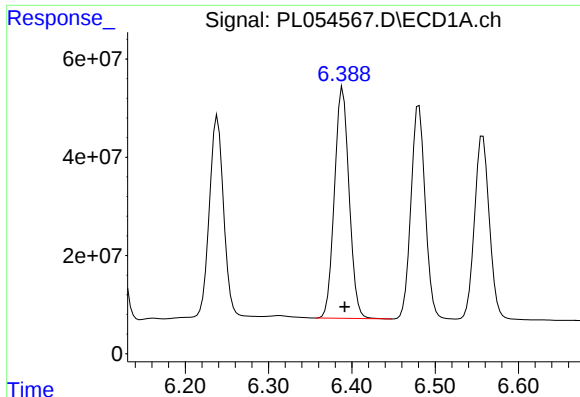
#14 Endrin

R.T.: 6.116 min  
Delta R.T.: -0.002 min  
Response: 630748673  
Conc: 57.10 ng/ml



#14 Endrin

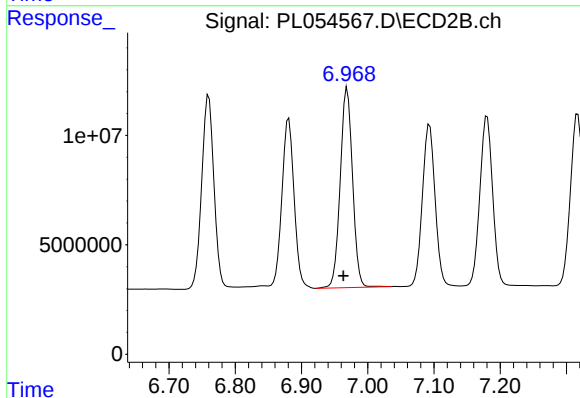
R.T.: 6.760 min  
Delta R.T.: 0.006 min  
Response: 111596044  
Conc: 52.65 ng/ml



#15 Endosulfan II

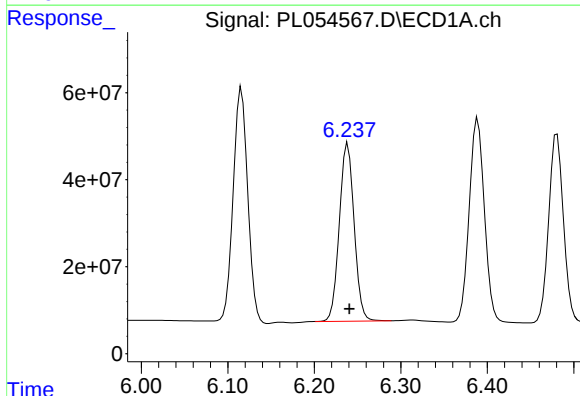
R.T.: 6.389 min  
Delta R.T.: -0.002 min  
Response: 575327823  
Conc: 54.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125032BSD



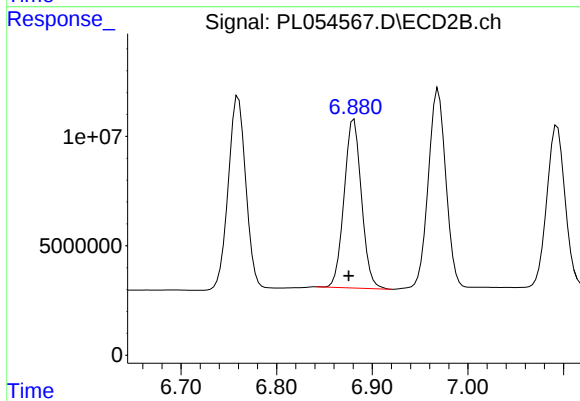
#15 Endosulfan II

R.T.: 6.969 min  
Delta R.T.: 0.006 min  
Response: 117881930  
Conc: 54.23 ng/ml



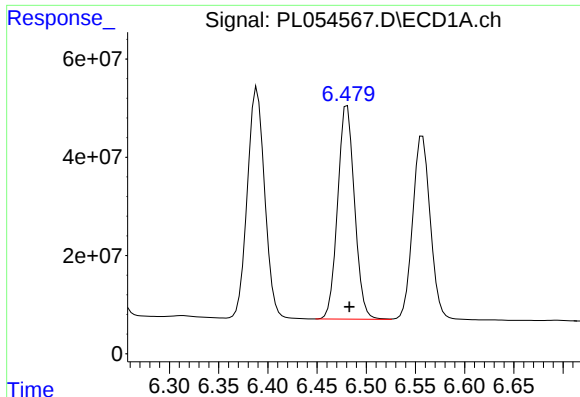
#16 4,4'-DDD

R.T.: 6.239 min  
Delta R.T.: -0.002 min  
Response: 483511584  
Conc: 58.62 ng/ml



#16 4,4'-DDD

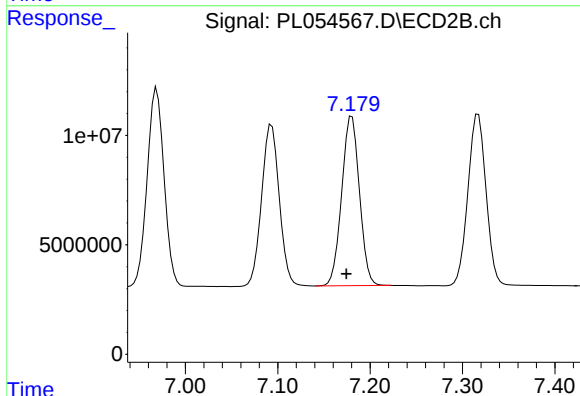
R.T.: 6.881 min  
Delta R.T.: 0.006 min  
Response: 97555529  
Conc: 55.13 ng/ml



#17 4,4'-DDT

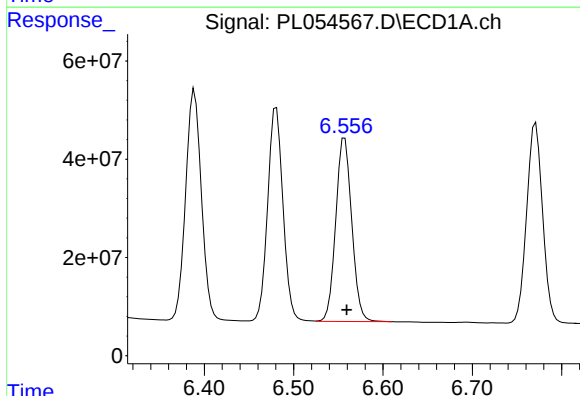
R.T.: 6.481 min  
Delta R.T.: -0.002 min  
Response: 518859638  
Conc: 57.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125032BSD



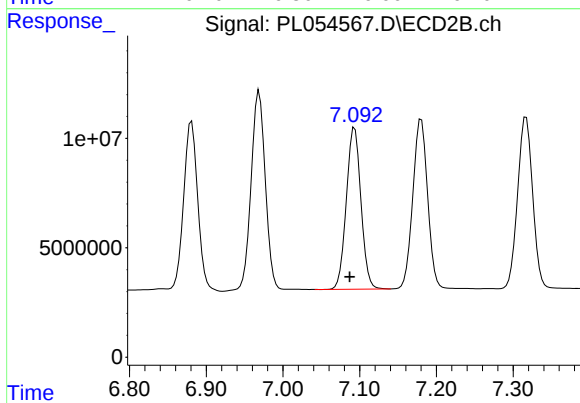
#17 4,4'-DDT

R.T.: 7.180 min  
Delta R.T.: 0.006 min  
Response: 103505994  
Conc: 52.77 ng/ml



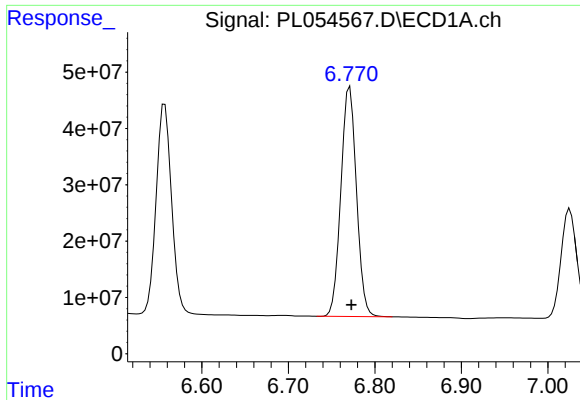
#18 Endrin aldehyde

R.T.: 6.557 min  
Delta R.T.: -0.002 min  
Response: 464003431  
Conc: 54.18 ng/ml



#18 Endrin aldehyde

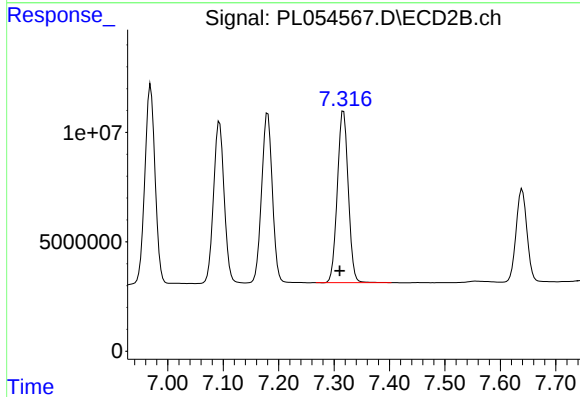
R.T.: 7.093 min  
Delta R.T.: 0.006 min  
Response: 98334074  
Conc: 51.98 ng/ml



#19 Endosulfan Sulfate

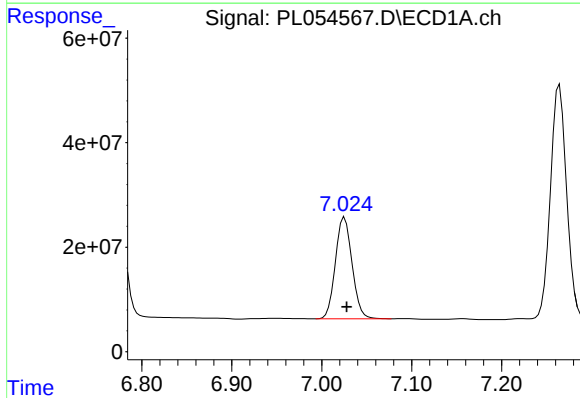
R.T.: 6.771 min  
Delta R.T.: -0.002 min  
Response: 507344532  
Conc: 54.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125032BSD



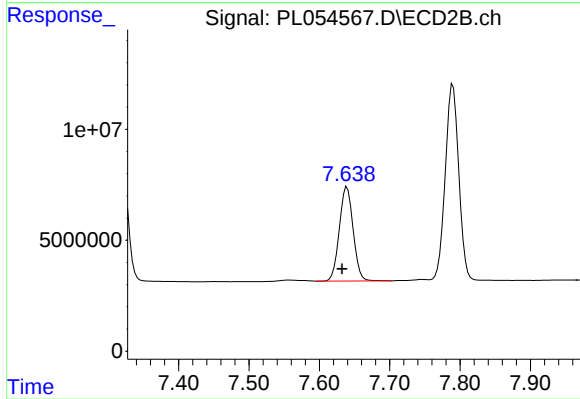
#19 Endosulfan Sulfate

R.T.: 7.317 min  
Delta R.T.: 0.007 min  
Response: 107214325  
Conc: 51.91 ng/ml



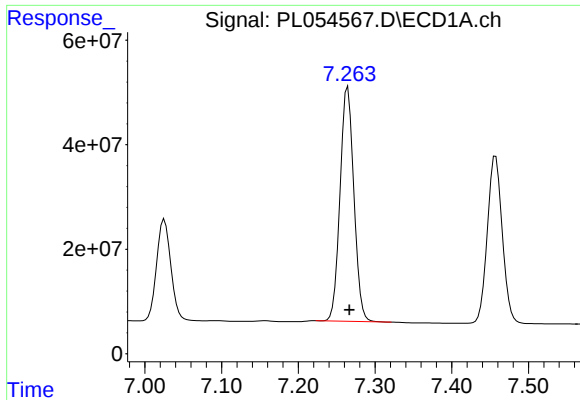
#20 Methoxychlor

R.T.: 7.025 min  
Delta R.T.: -0.003 min  
Response: 250706197  
Conc: 54.78 ng/ml



#20 Methoxychlor

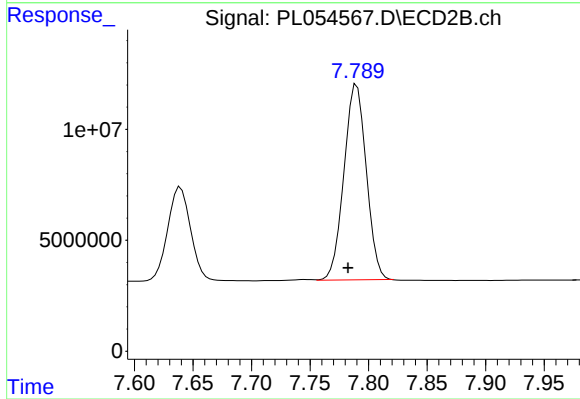
R.T.: 7.639 min  
Delta R.T.: 0.007 min  
Response: 57667346  
Conc: 51.68 ng/ml



#21 Endrin ketone

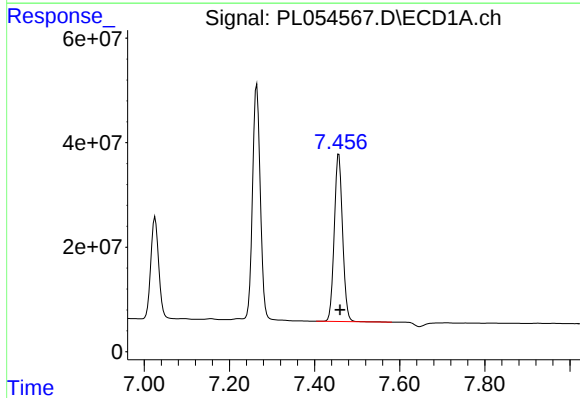
R.T.: 7.264 min  
Delta R.T.: -0.002 min  
Response: 561293631  
Conc: 55.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125032BSD



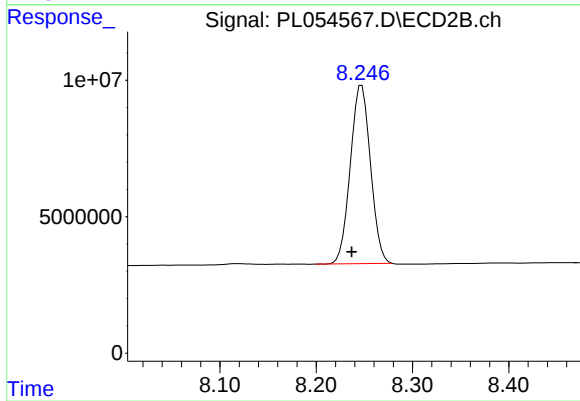
#21 Endrin ketone

R.T.: 7.790 min  
Delta R.T.: 0.008 min  
Response: 117166464  
Conc: 51.74 ng/ml



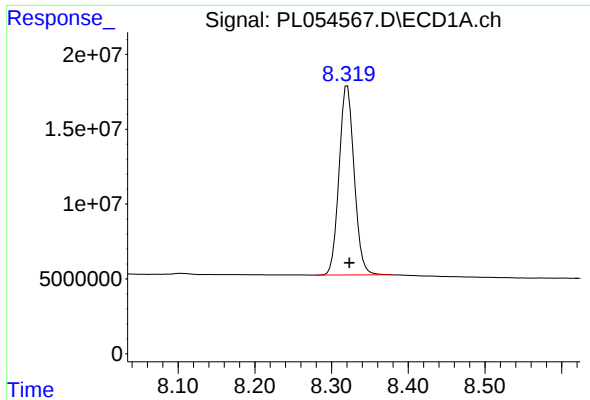
#22 Mirex

R.T.: 7.457 min  
Delta R.T.: -0.003 min  
Response: 435607830  
Conc: 57.19 ng/ml



#22 Mirex

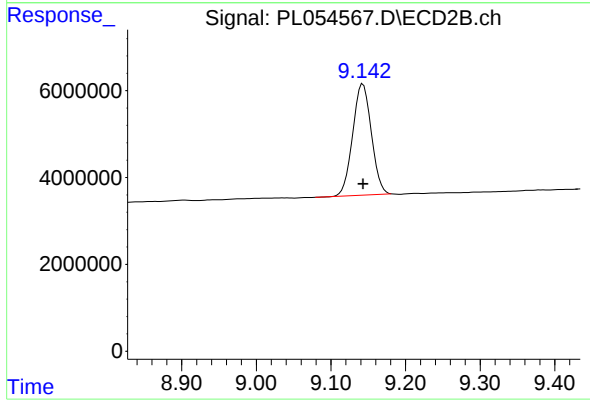
R.T.: 8.247 min  
Delta R.T.: 0.010 min  
Response: 94809917  
Conc: 55.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.321 min  
Delta R.T.: -0.003 min  
Response: 173342077  
Conc: 19.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125032BSD



#28 Decachlorobiphenyl

R.T.: 9.143 min  
Delta R.T.: 0.000 min  
Response: 44674267  
Conc: 18.48 ng/ml