

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091819\  
 Data File : PL052579.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Sep 2019 16:17  
 Operator : SG\AJ  
 Sample : K4927-01MSD  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 19 01:51:37 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091719.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 17 11:25:25 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... | 3.550 | 4.046  | 152.5E6 | 47339516 | 19.557   | 21.726     |
| 28)                         | SA Decachlor... | 8.351 | 9.120  | 138.0E6 | 46342173 | 15.779   | 19.352     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.995 | 4.437  | 674.5E6 | 181.2E6  | 56.101   | 59.283     |
| 3)                          | MA gamma-BHC... | 4.283 | 4.722  | 614.5E6 | 173.5E6  | 54.312   | 60.075     |
| 4)                          | MA Heptachlor   | 4.592 | 5.232  | 621.9E6 | 178.0E6  | 55.042   | 60.655     |
| 5)                          | MB Aldrin       | 4.845 | 5.537  | 583.3E6 | 160.6E6  | 54.016   | 60.619     |
| 6)                          | B beta-BHC      | 4.531 | 4.890  | 251.5E6 | 79568534 | 51.383   | 59.662     |
| 7)                          | B delta-BHC     | 4.741 | 5.107  | 545.8E6 | 153.5E6  | 48.296   | 53.602     |
| 8)                          | B Heptachlo...  | 5.292 | 5.923  | 529.0E6 | 149.7E6  | 51.777   | 57.065     |
| 9)                          | A Endosulfan I  | 5.635 | 6.279  | 489.3E6 | 132.8E6  | 50.155   | 56.978     |
| 10)                         | B gamma-Chl...  | 5.521 | 6.156  | 549.6E6 | 148.1E6  | 51.749   | 58.222     |
| 11)                         | B alpha-Chl...  | 5.580 | 6.229  | 526.4E6 | 144.7E6  | 50.927   | 57.930     |
| 12)                         | B 4,4'-DDE      | 5.744 | 6.384  | 479.7E6 | 140.7E6  | 51.408   | 57.694     |
| 13)                         | MA Dieldrin     | 5.880 | 6.536  | 531.9E6 | 141.5E6  | 51.311   | 57.923     |
| 14)                         | MA Endrin       | 6.139 | 6.754  | 457.4E6 | 114.3E6  | 55.329   | 59.058     |
| 15)                         | B Endosulfa...  | 6.412 | 6.962  | 448.0E6 | 121.3E6  | 46.187   | 54.319     |
| 16)                         | A 4,4'-DDD      | 6.262 | 6.874  | 387.4E6 | 109.3E6  | 50.575   | 59.358     |
| 17)                         | MA 4,4'-DDT     | 6.506 | 7.172  | 439.0E6 | 116.5E6  | 56.564   | 63.694     |
| 18)                         | B Endrin al...  | 6.580 | 7.085  | 354.4E6 | 98595951 | 45.831   | 53.150     |
| 19)                         | B Endosulfa...  | 6.794 | 7.308  | 415.2E6 | 116.2E6  | 50.057   | 56.562     |
| 20)                         | A Methoxychlor  | 7.053 | 7.629  | 212.6E6 | 60596895 | 52.583   | 59.800     |
| 21)                         | B Endrin ke...  | 7.289 | 7.779  | 472.9E6 | 124.2E6  | 45.548   | 55.941     |
| 22)                         | Mirex           | 7.485 | 8.235  | 349.0E6 | 95210387 | 45.638   | 55.632     |
| 24)                         | Chlordane-2     | 0.000 | 5.537f | 0       | 160.6E6  | N.D.     | 1957.870 # |
| 25)                         | Chlordane-3     | 5.521 | 6.156  | 549.6E6 | 148.1E6  | 568.070  | 484.094    |
| 26)                         | Chlordane-4     | 5.580 | 6.229  | 526.4E6 | 144.7E6  | 668.977  | 376.258 #  |
| 27)                         | Chlordane-5     | 6.412 | 0.000  | 448.0E6 | 0        | 1454.854 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

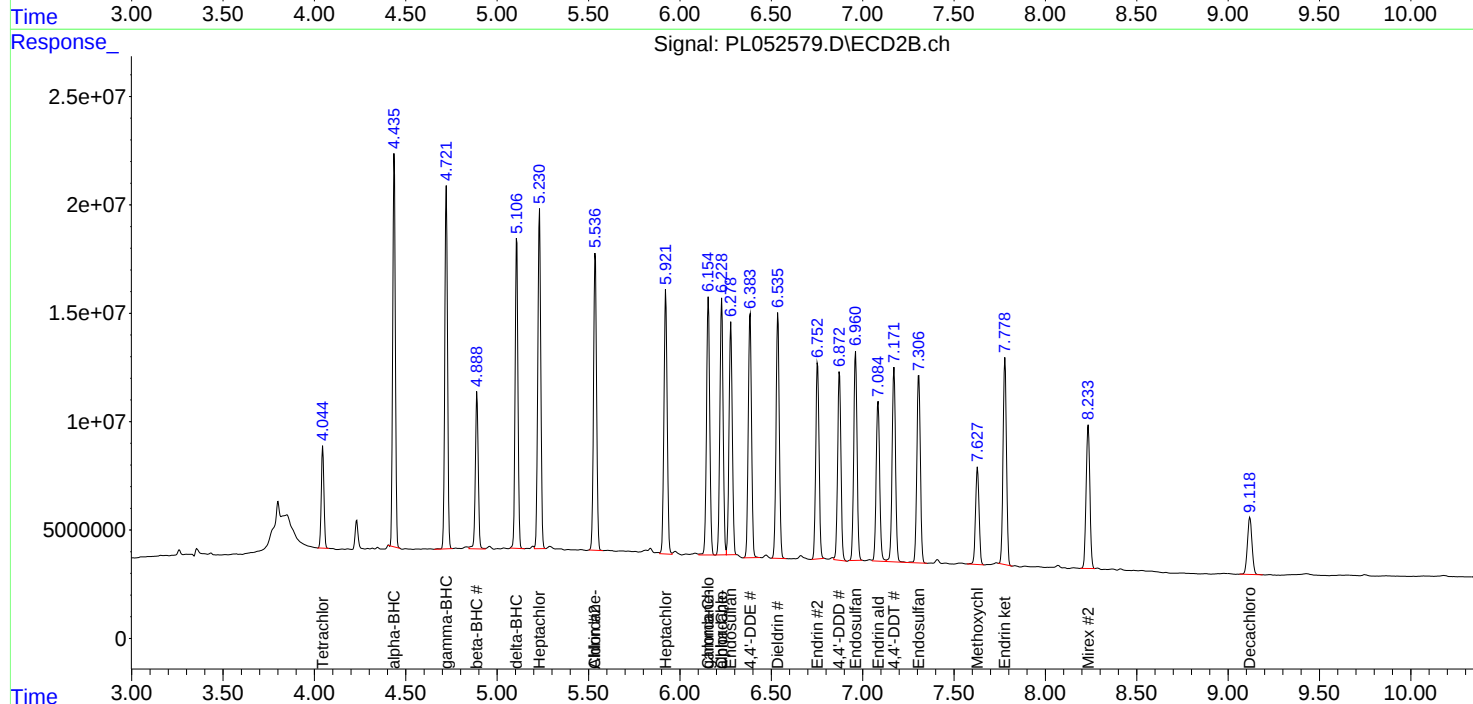
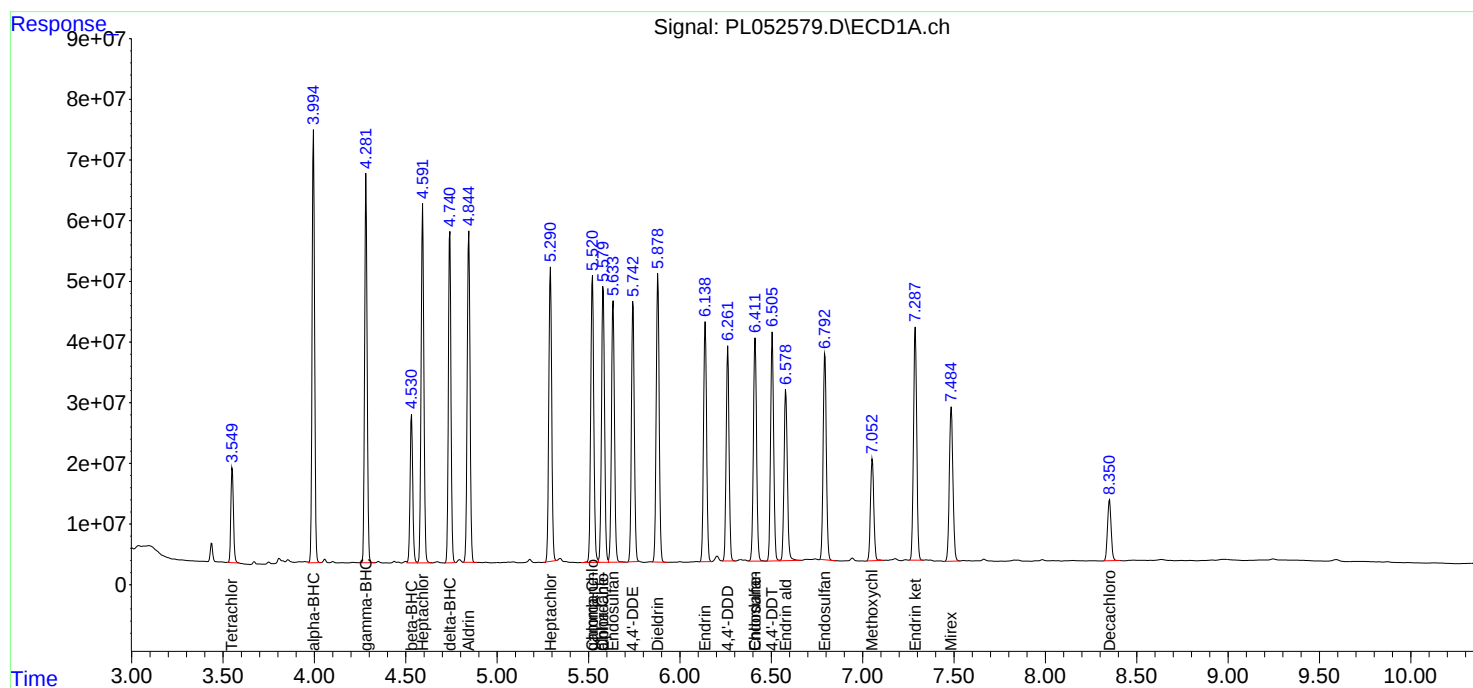
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

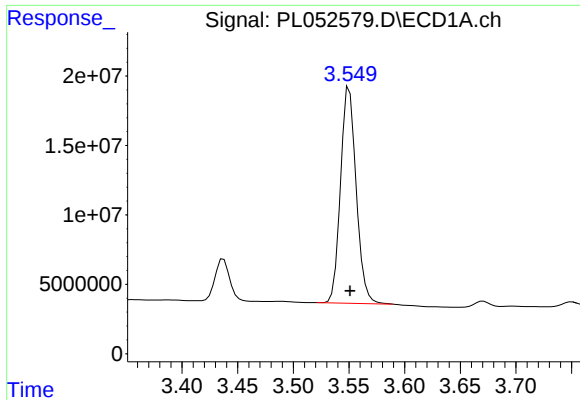
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091819\  
Data File : PL052579.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Sep 2019 16:17  
Operator : SG\AJ  
Sample : K4927-01MSD  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 19 01:51:37 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091719.M  
Quant Title : GC Extractables  
QLast Update : Tue Sep 17 11:25:25 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

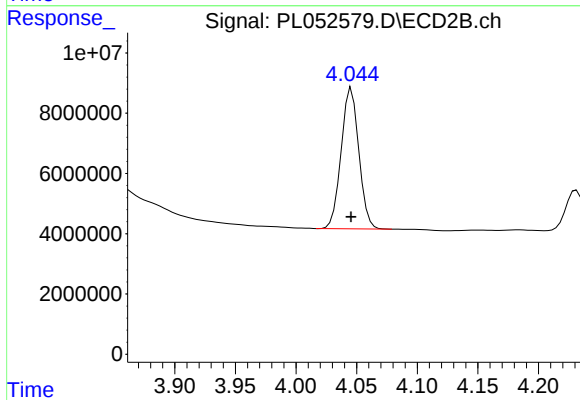




#1 Tetrachloro-m-xylene

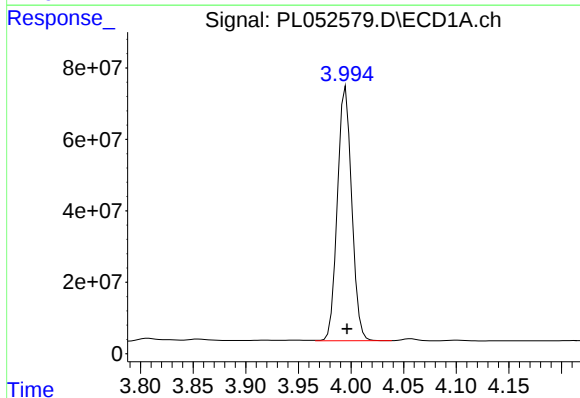
R.T.: 3.550 min  
Delta R.T.: 0.000 min  
Response: 152502315  
Conc: 19.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



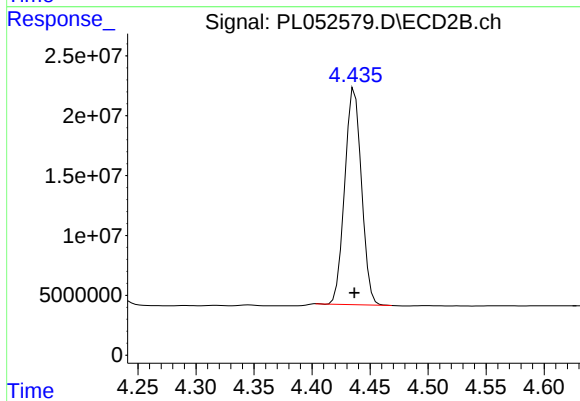
#1 Tetrachloro-m-xylene

R.T.: 4.046 min  
Delta R.T.: 0.000 min  
Response: 47339516  
Conc: 21.73 ng/ml



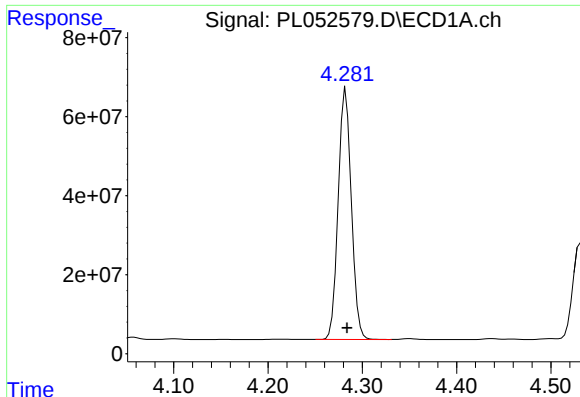
#2 alpha-BHC

R.T.: 3.995 min  
Delta R.T.: -0.001 min  
Response: 674468219  
Conc: 56.10 ng/ml



#2 alpha-BHC

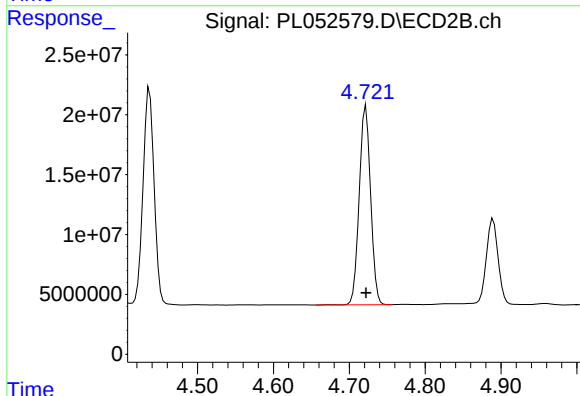
R.T.: 4.437 min  
Delta R.T.: 0.000 min  
Response: 181204524  
Conc: 59.28 ng/ml



#3 gamma-BHC (Lindane)

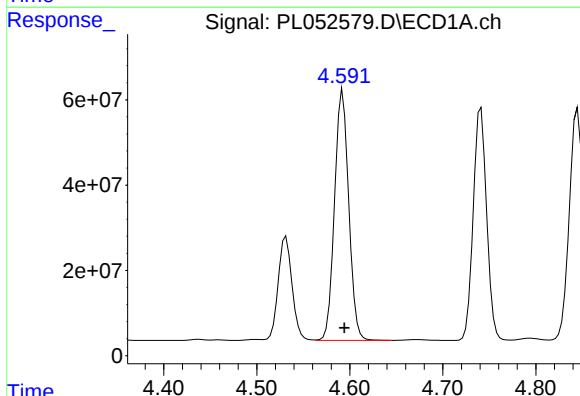
R.T.: 4.283 min  
Delta R.T.: -0.001 min  
Response: 614499981  
Conc: 54.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



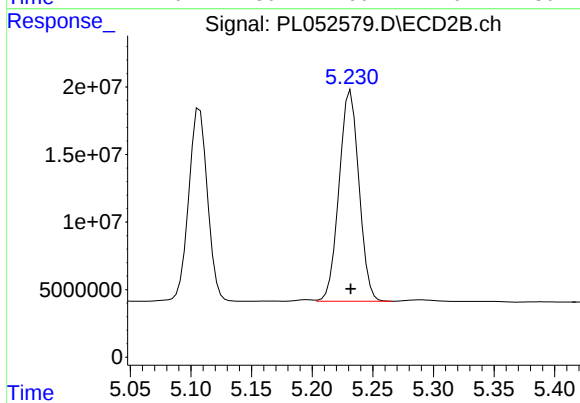
#3 gamma-BHC (Lindane)

R.T.: 4.722 min  
Delta R.T.: 0.000 min  
Response: 173467339  
Conc: 60.08 ng/ml



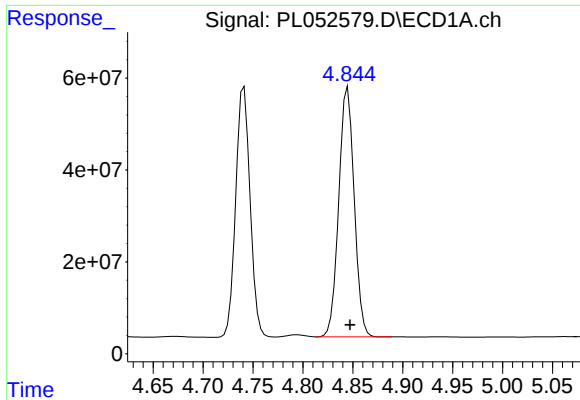
#4 Heptachlor

R.T.: 4.592 min  
Delta R.T.: -0.002 min  
Response: 621923349  
Conc: 55.04 ng/ml



#4 Heptachlor

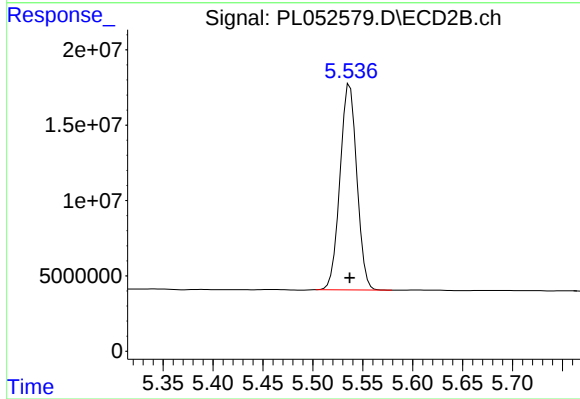
R.T.: 5.232 min  
Delta R.T.: 0.000 min  
Response: 178011069  
Conc: 60.66 ng/ml



#5 Aldrin

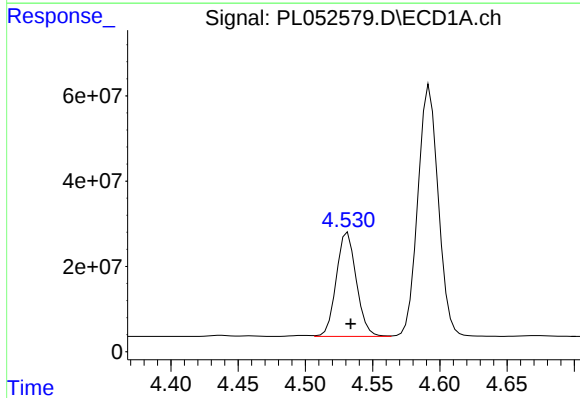
R.T.: 4.845 min  
Delta R.T.: -0.002 min  
Response: 583289254  
Conc: 54.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



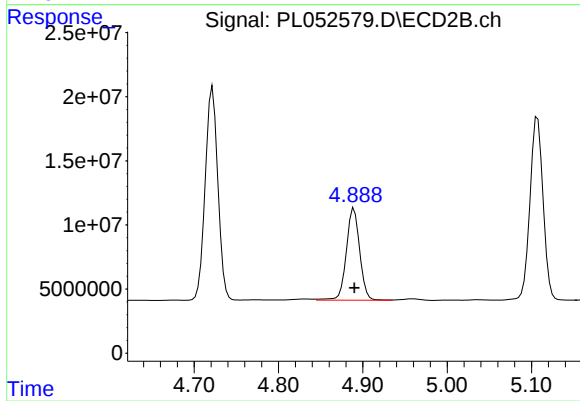
#5 Aldrin

R.T.: 5.537 min  
Delta R.T.: 0.000 min  
Response: 160566041  
Conc: 60.62 ng/ml



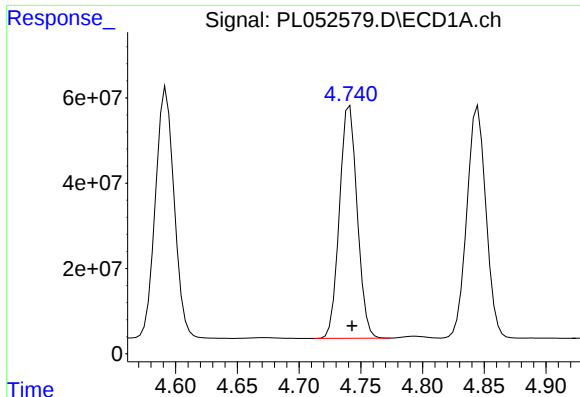
#6 beta-BHC

R.T.: 4.531 min  
Delta R.T.: -0.002 min  
Response: 251460490  
Conc: 51.38 ng/ml



#6 beta-BHC

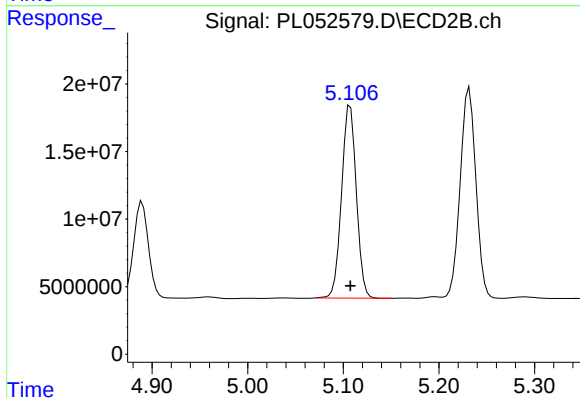
R.T.: 4.890 min  
Delta R.T.: 0.000 min  
Response: 79568534  
Conc: 59.66 ng/ml



#7 delta-BHC

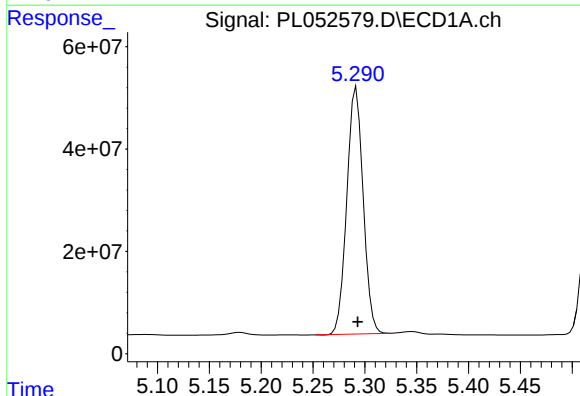
R.T.: 4.741 min  
Delta R.T.: -0.002 min  
Response: 545770730  
Conc: 48.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



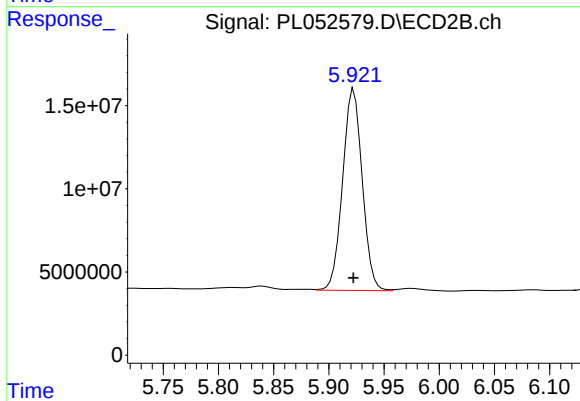
#7 delta-BHC

R.T.: 5.107 min  
Delta R.T.: 0.000 min  
Response: 153454944  
Conc: 53.60 ng/ml



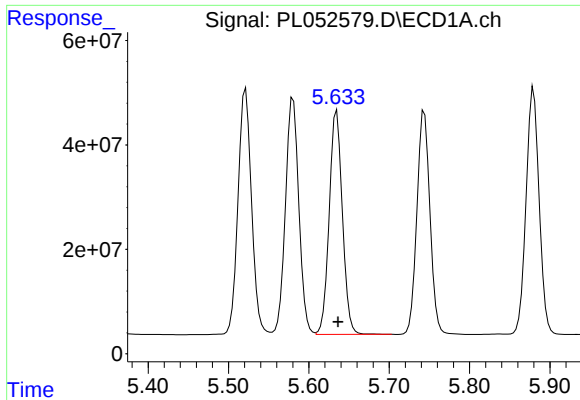
#8 Heptachlor epoxide

R.T.: 5.292 min  
Delta R.T.: -0.002 min  
Response: 529021288  
Conc: 51.78 ng/ml



#8 Heptachlor epoxide

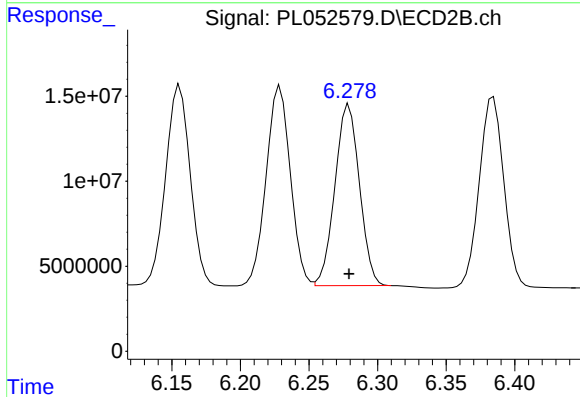
R.T.: 5.923 min  
Delta R.T.: 0.000 min  
Response: 149652997  
Conc: 57.07 ng/ml



#9 Endosulfan I

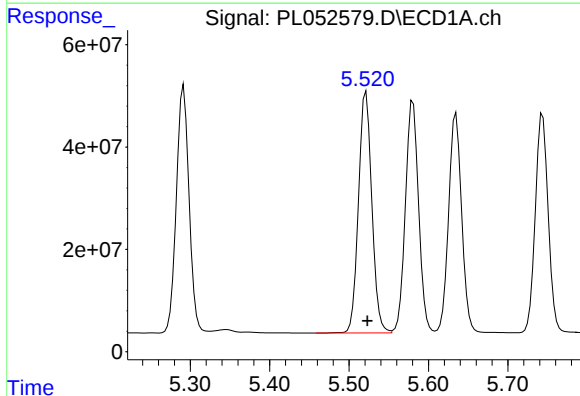
R.T.: 5.635 min  
Delta R.T.: -0.002 min  
Response: 489295505  
Conc: 50.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



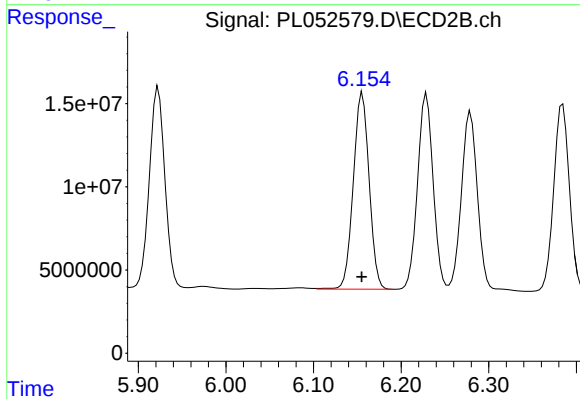
#9 Endosulfan I

R.T.: 6.279 min  
Delta R.T.: 0.000 min  
Response: 132829022  
Conc: 56.98 ng/ml



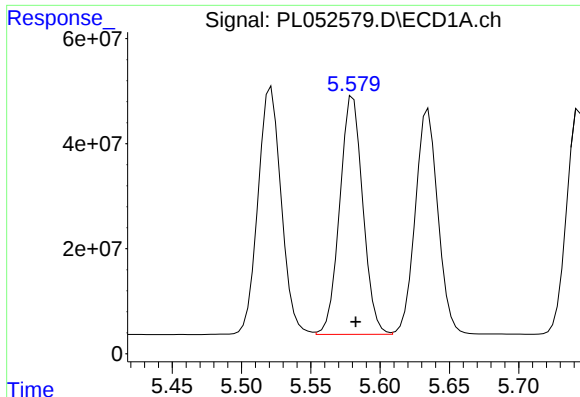
#10 gamma-Chlordane

R.T.: 5.521 min  
Delta R.T.: -0.002 min  
Response: 549583899  
Conc: 51.75 ng/ml



#10 gamma-Chlordane

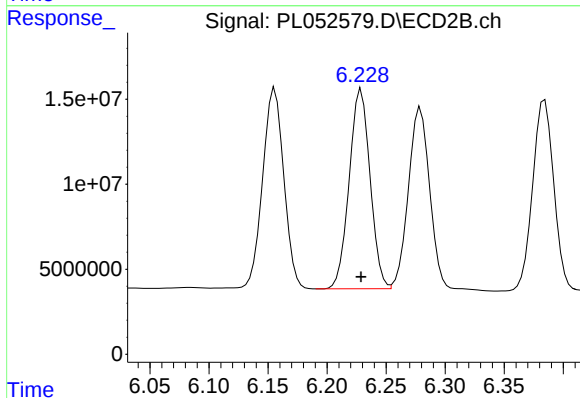
R.T.: 6.156 min  
Delta R.T.: 0.000 min  
Response: 148117692  
Conc: 58.22 ng/ml



#11 alpha-Chlordane

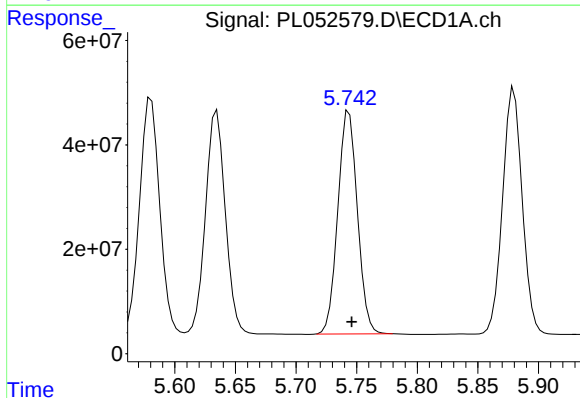
R.T.: 5.580 min  
Delta R.T.: -0.002 min  
Response: 526447851  
Conc: 50.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



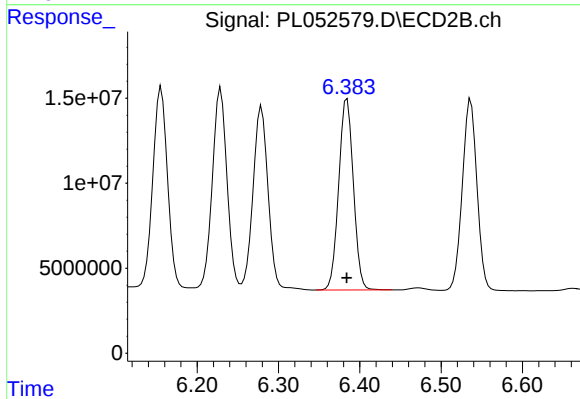
#11 alpha-Chlordane

R.T.: 6.229 min  
Delta R.T.: 0.000 min  
Response: 144713024  
Conc: 57.93 ng/ml



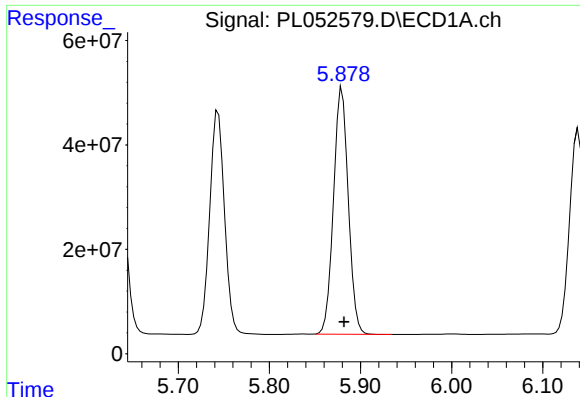
#12 4,4'-DDE

R.T.: 5.744 min  
Delta R.T.: -0.002 min  
Response: 479694759  
Conc: 51.41 ng/ml



#12 4,4'-DDE

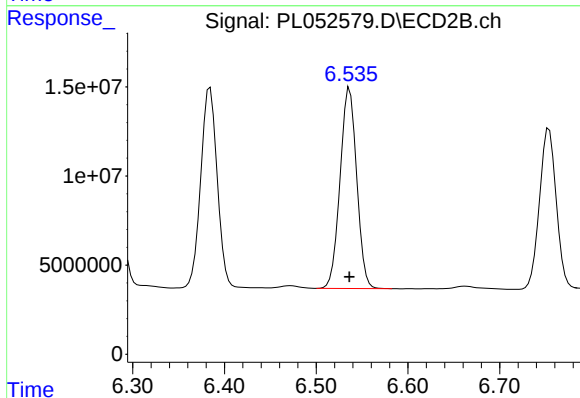
R.T.: 6.384 min  
Delta R.T.: 0.000 min  
Response: 140657793  
Conc: 57.69 ng/ml



#13 Dieldrin

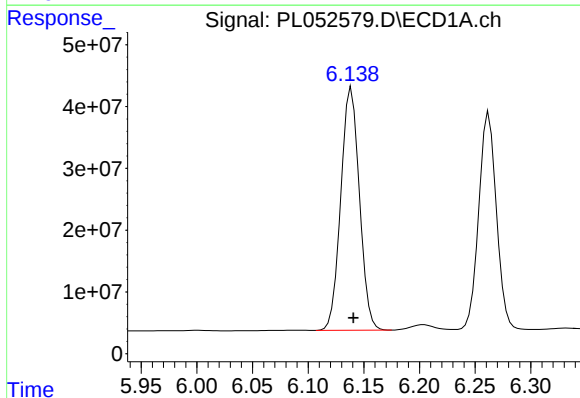
R.T.: 5.880 min  
Delta R.T.: -0.002 min  
Response: 531891782  
Conc: 51.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



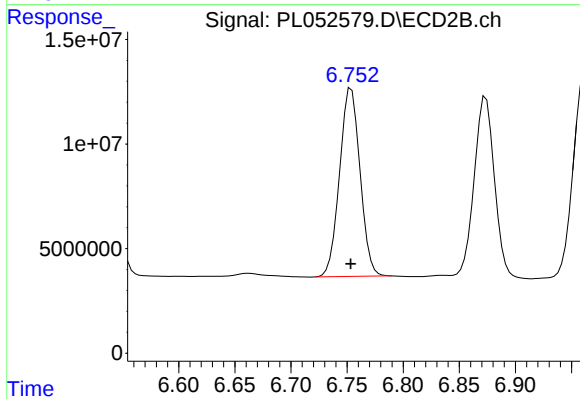
#13 Dieldrin

R.T.: 6.536 min  
Delta R.T.: 0.000 min  
Response: 141454004  
Conc: 57.92 ng/ml



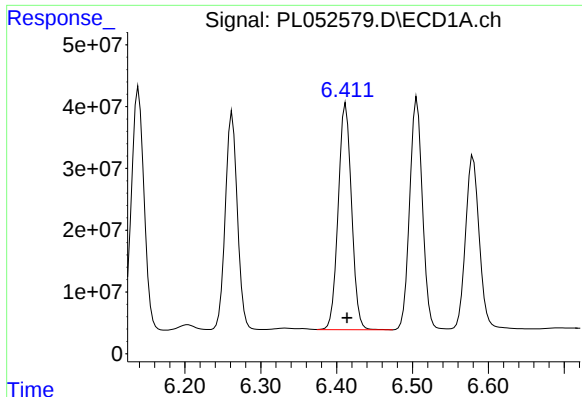
#14 Endrin

R.T.: 6.139 min  
Delta R.T.: -0.002 min  
Response: 457443632  
Conc: 55.33 ng/ml



#14 Endrin

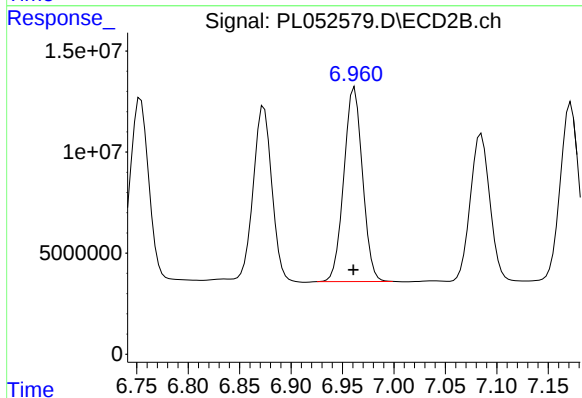
R.T.: 6.754 min  
Delta R.T.: 0.000 min  
Response: 114310820  
Conc: 59.06 ng/ml



#15 Endosulfan II

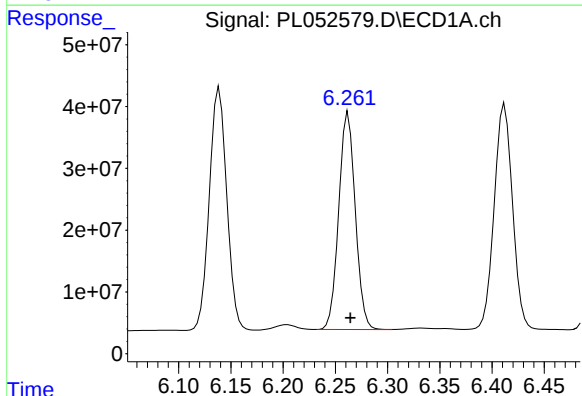
R.T.: 6.412 min  
Delta R.T.: -0.002 min  
Response: 448008906  
Conc: 46.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



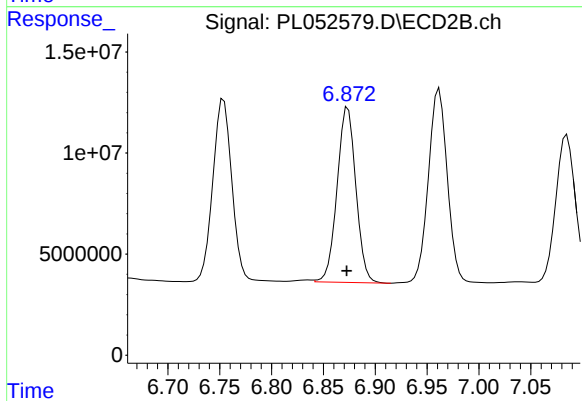
#15 Endosulfan II

R.T.: 6.962 min  
Delta R.T.: 0.000 min  
Response: 121250395  
Conc: 54.32 ng/ml



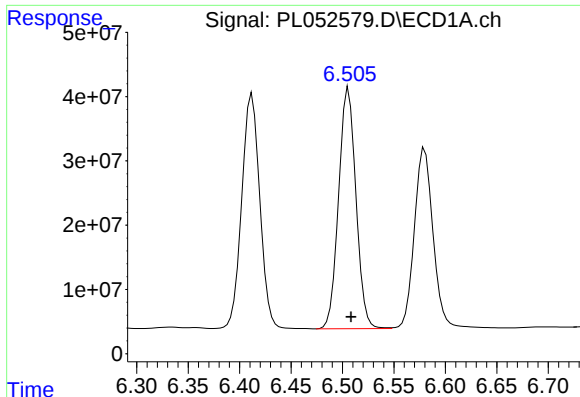
#16 4,4'-DDD

R.T.: 6.262 min  
Delta R.T.: -0.002 min  
Response: 387352568  
Conc: 50.57 ng/ml



#16 4,4'-DDD

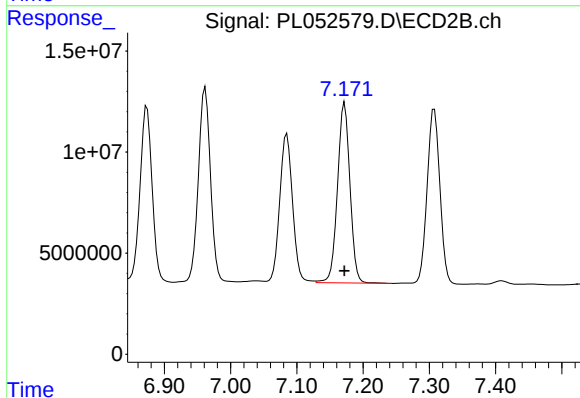
R.T.: 6.874 min  
Delta R.T.: 0.001 min  
Response: 109325274  
Conc: 59.36 ng/ml



#17 4,4'-DDT

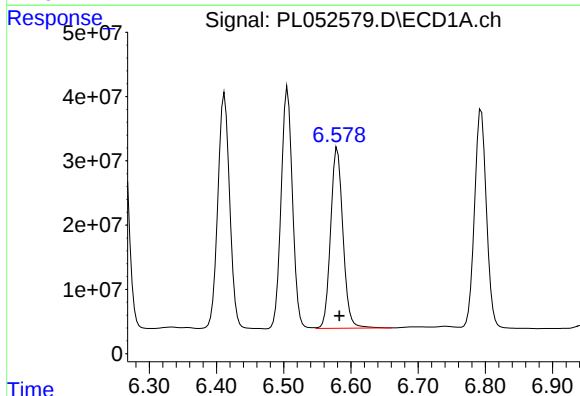
R.T.: 6.506 min  
Delta R.T.: -0.002 min  
Response: 439011739  
Conc: 56.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



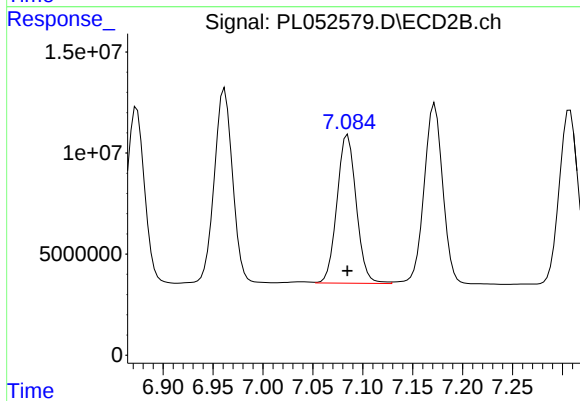
#17 4,4'-DDT

R.T.: 7.172 min  
Delta R.T.: 0.000 min  
Response: 116501511  
Conc: 63.69 ng/ml



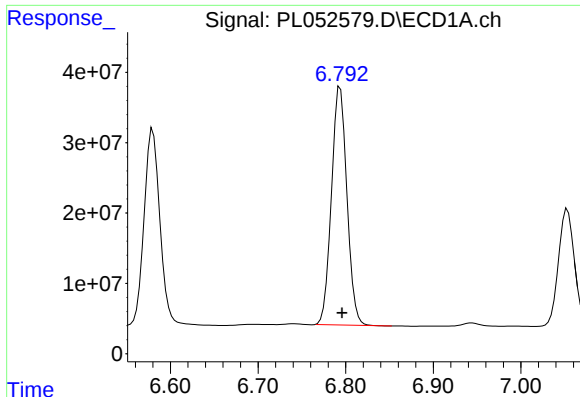
#18 Endrin aldehyde

R.T.: 6.580 min  
Delta R.T.: -0.003 min  
Response: 354357451  
Conc: 45.83 ng/ml



#18 Endrin aldehyde

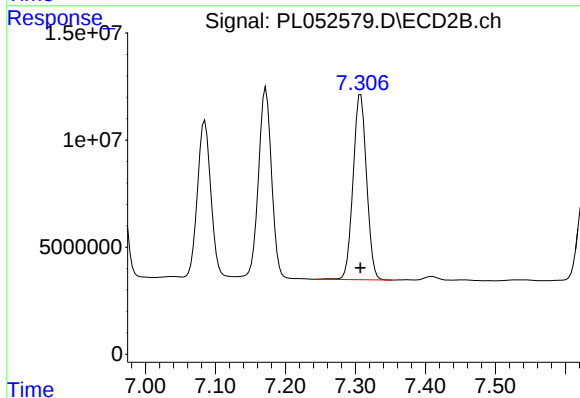
R.T.: 7.085 min  
Delta R.T.: 0.000 min  
Response: 98595951  
Conc: 53.15 ng/ml



#19 Endosulfan Sulfate

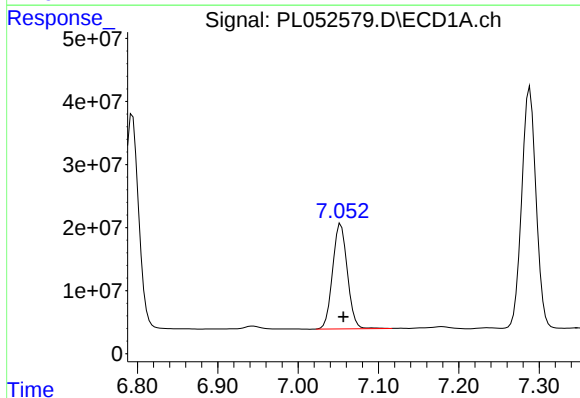
R.T.: 6.794 min  
Delta R.T.: -0.002 min  
Response: 415216724  
Conc: 50.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



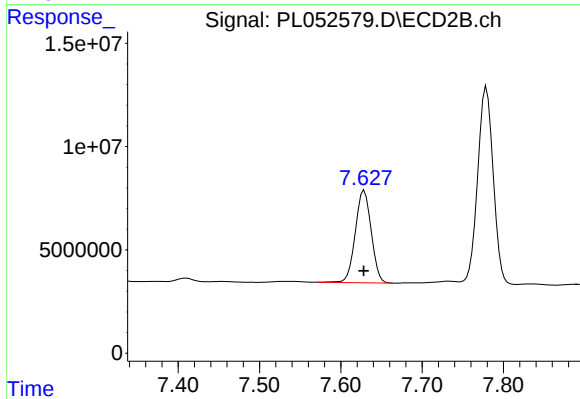
#19 Endosulfan Sulfate

R.T.: 7.308 min  
Delta R.T.: 0.000 min  
Response: 116172629  
Conc: 56.56 ng/ml



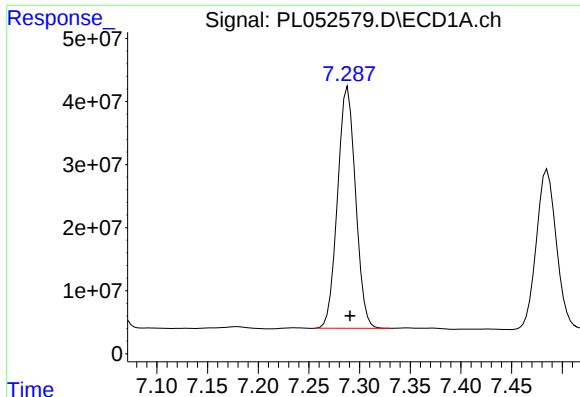
#20 Methoxychlor

R.T.: 7.053 min  
Delta R.T.: -0.003 min  
Response: 212595176  
Conc: 52.58 ng/ml



#20 Methoxychlor

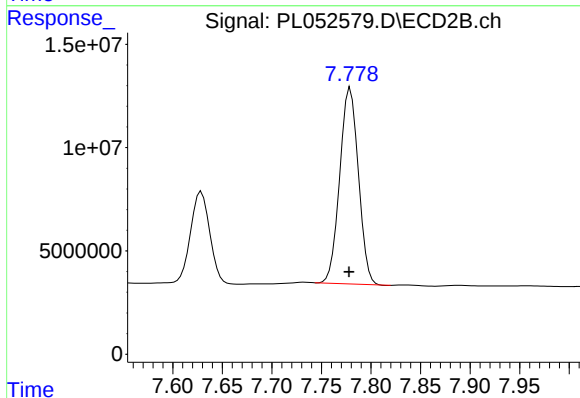
R.T.: 7.629 min  
Delta R.T.: 0.000 min  
Response: 60596895  
Conc: 59.80 ng/ml



#21 Endrin ketone

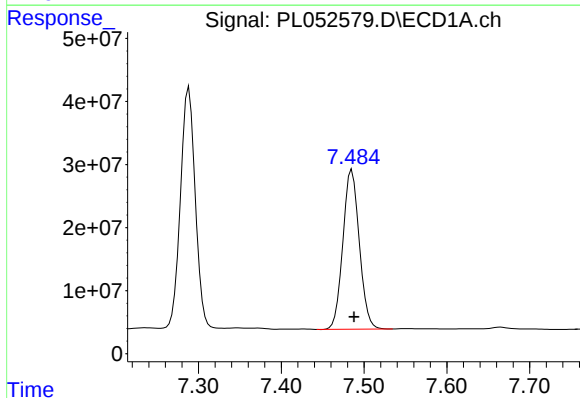
R.T.: 7.289 min  
Delta R.T.: -0.002 min  
Response: 472936620  
Conc: 45.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



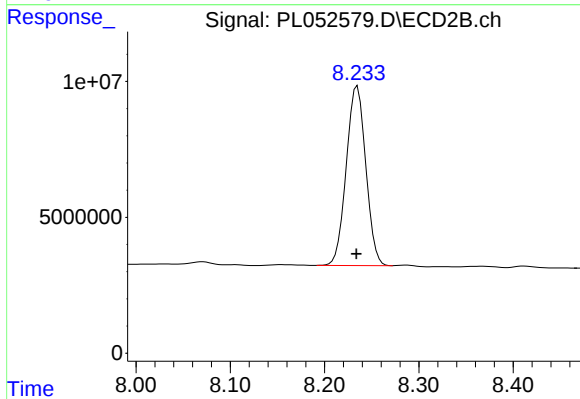
#21 Endrin ketone

R.T.: 7.779 min  
Delta R.T.: 0.001 min  
Response: 124227796  
Conc: 55.94 ng/ml



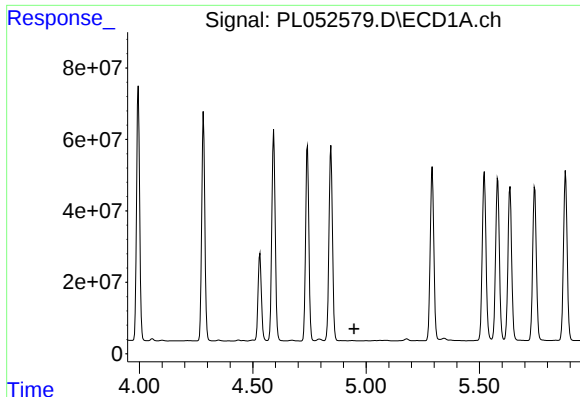
#22 Mirex

R.T.: 7.485 min  
Delta R.T.: -0.003 min  
Response: 349024339  
Conc: 45.64 ng/ml



#22 Mirex

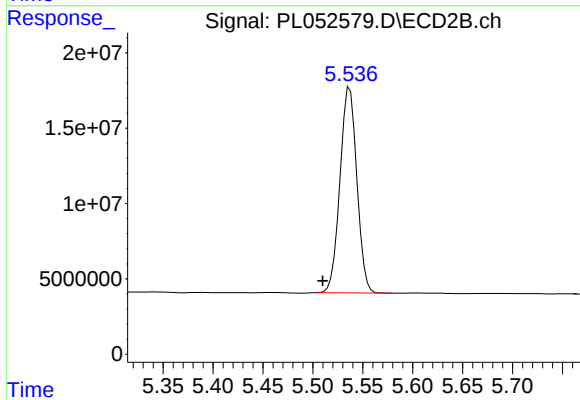
R.T.: 8.235 min  
Delta R.T.: 0.001 min  
Response: 95210387  
Conc: 55.63 ng/ml



#24 Chlordane-2

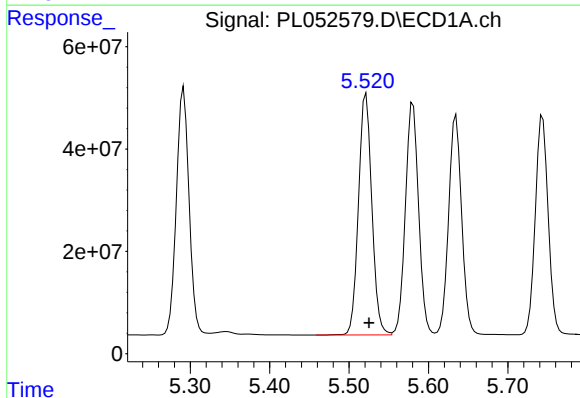
R.T.: 0.000 min  
Exp R.T.: 4.948 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



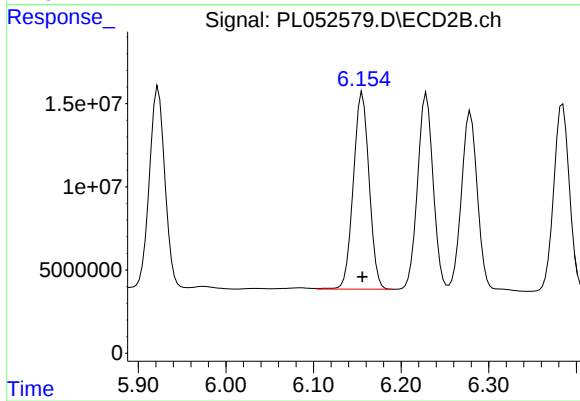
#24 Chlordane-2

R.T.: 5.537 min  
Delta R.T.: 0.027 min  
Response: 160566041  
Conc: 1957.87 ng/ml



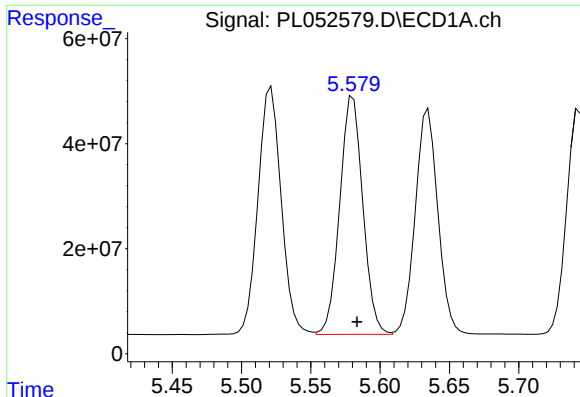
#25 Chlordane-3

R.T.: 5.521 min  
Delta R.T.: -0.004 min  
Response: 549583899  
Conc: 568.07 ng/ml



#25 Chlordane-3

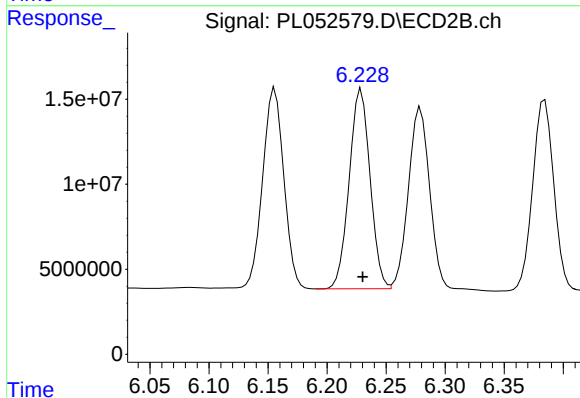
R.T.: 6.156 min  
Delta R.T.: 0.000 min  
Response: 148117692  
Conc: 484.09 ng/ml



#26 Chlordane-4

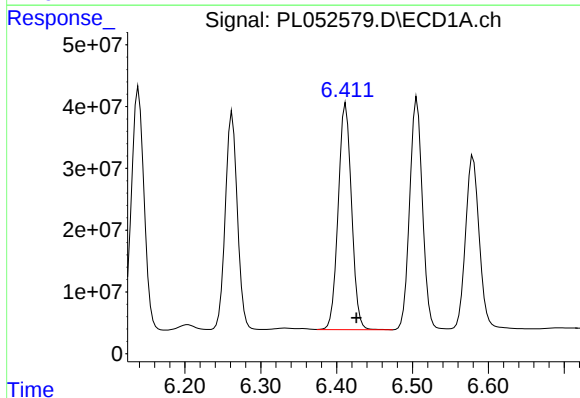
R.T.: 5.580 min  
Delta R.T.: -0.003 min  
Response: 526447851  
Conc: 668.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



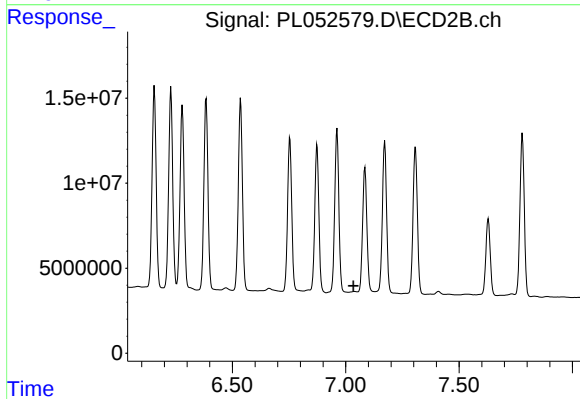
#26 Chlordane-4

R.T.: 6.229 min  
Delta R.T.: -0.001 min  
Response: 144713024  
Conc: 376.26 ng/ml



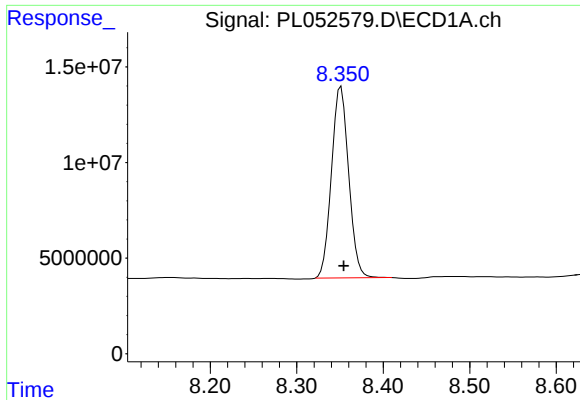
#27 Chlordane-5

R.T.: 6.412 min  
Delta R.T.: -0.014 min  
Response: 448008906  
Conc: 1454.85 ng/ml



#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 7.035 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

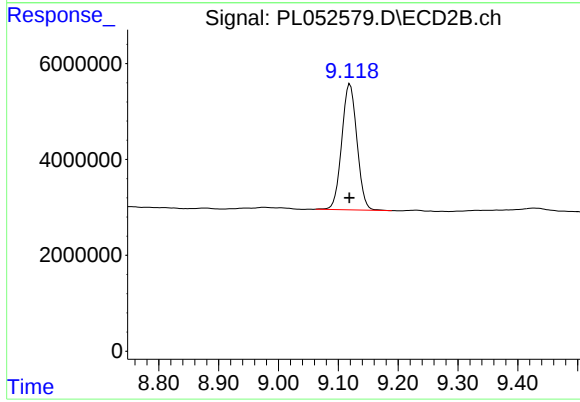
R.T.: 8.351 min

Delta R.T.: -0.003 min

Response: 137981129

Conc: 15.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.120 min

Delta R.T.: 0.001 min

Response: 46342173

Conc: 19.35 ng/ml