

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL103018\  
 Data File : PL041506.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Oct 2018 15:41  
 Operator : AJ\SJ  
 Sample : PB114302BS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 31 04:03:46 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102918.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 30 01:26:00 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|-------|-------|---------|----------|----------|------------|
| -----                       |                 |       |       |         |          |          |            |
| System Monitoring Compounds |                 |       |       |         |          |          |            |
| 1)                          | SA Tetrachlo... | 3.473 | 4.103 | 120.5E6 | 62565949 | 18.916   | 20.312     |
| 28)                         | SA Decachlor... | 8.217 | 9.235 | 124.5E6 | 50753973 | 18.792   | 19.809     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.914 | 4.499 | 487.3E6 | 232.2E6  | 50.154   | 50.628     |
| 3)                          | MA gamma-BHC... | 4.197 | 4.788 | 451.8E6 | 219.1E6  | 50.568   | 51.675     |
| 4)                          | MA Heptachlor   | 4.495 | 5.303 | 464.1E6 | 211.5E6  | 50.641   | 52.002     |
| 5)                          | MB Aldrin       | 4.741 | 5.613 | 441.3E6 | 204.8E6  | 52.270   | 53.634     |
| 6)                          | B beta-BHC      | 4.450 | 4.956 | 186.8E6 | 88885392 | 49.572   | 51.753     |
| 7)                          | B delta-BHC     | 4.653 | 5.177 | 404.1E6 | 198.2E6  | 48.650   | 49.084     |
| 8)                          | B Heptachlo...  | 5.185 | 6.001 | 403.6E6 | 172.3E6  | 49.985   | 49.004     |
| 9)                          | A Endosulfan I  | 5.523 | 6.361 | 360.8E6 | 169.1E6  | 48.491   | 54.410     |
| 10)                         | B gamma-Chl...  | 5.410 | 6.235 | 406.0E6 | 179.6E6  | 49.857   | 53.193     |
| 11)                         | B alpha-Chl...  | 5.468 | 6.309 | 396.2E6 | 177.3E6  | 48.938   | 52.400     |
| 12)                         | B 4,4'-DDE      | 5.634 | 6.463 | 364.1E6 | 168.4E6  | 50.870   | 51.450     |
| 13)                         | MA Dieldrin     | 5.765 | 6.619 | 398.1E6 | 169.7E6  | 50.065   | 52.637     |
| 14)                         | MA Endrin       | 6.022 | 6.839 | 366.8E6 | 141.6E6  | 50.155   | 52.081     |
| 15)                         | B Endosulfa...  | 6.297 | 7.047 | 332.8E6 | 134.3E6  | 48.146   | 49.649     |
| 16)                         | A 4,4'-DDD      | 6.150 | 6.955 | 294.5E6 | 135.0E6  | 50.675   | 54.219     |
| 17)                         | MA 4,4'-DDT     | 6.389 | 7.256 | 311.2E6 | 132.9E6  | 51.147   | 52.850     |
| 18)                         | B Endrin al...  | 6.465 | 7.171 | 265.0E6 | 113.8E6  | 48.107   | 51.982     |
| 19)                         | B Endosulfa...  | 6.677 | 7.394 | 323.1E6 | 122.7E6  | 50.591   | 49.430     |
| 20)                         | A Methoxychlor  | 6.936 | 7.712 | 165.4E6 | 67321910 | 49.205   | 51.966     |
| 21)                         | B Endrin ke...  | 7.167 | 7.869 | 348.6E6 | 136.2E6  | 48.301   | 51.754     |
| 23)                         | Chlordane-1     | 0.000 | 5.177 | 0       | 198.2E6  | N.D.     | 1427.131 # |
| 24)                         | Chlordane-2     | 0.000 | 5.613 | 0       | 204.8E6  | N.D.     | 1541.506 # |
| 25)                         | Chlordane-3     | 5.410 | 6.235 | 406.0E6 | 179.6E6  | 455.537  | 399.022    |
| 26)                         | Chlordane-4     | 5.468 | 6.309 | 396.2E6 | 177.3E6  | 506.049  | 339.210 #  |
| 27)                         | Chlordane-5     | 6.297 | 7.171 | 332.8E6 | 113.8E6  | 1334.535 | 1165.051   |
| -----                       |                 |       |       |         |          |          |            |

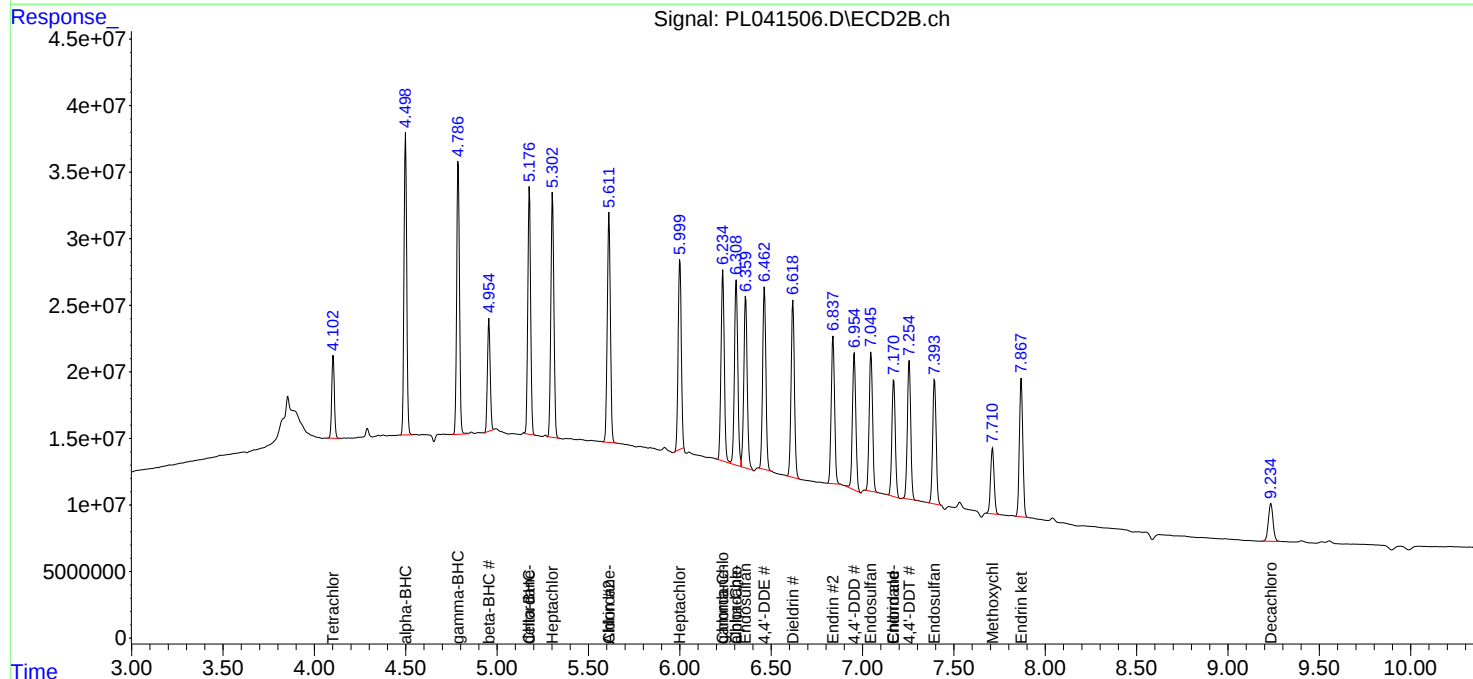
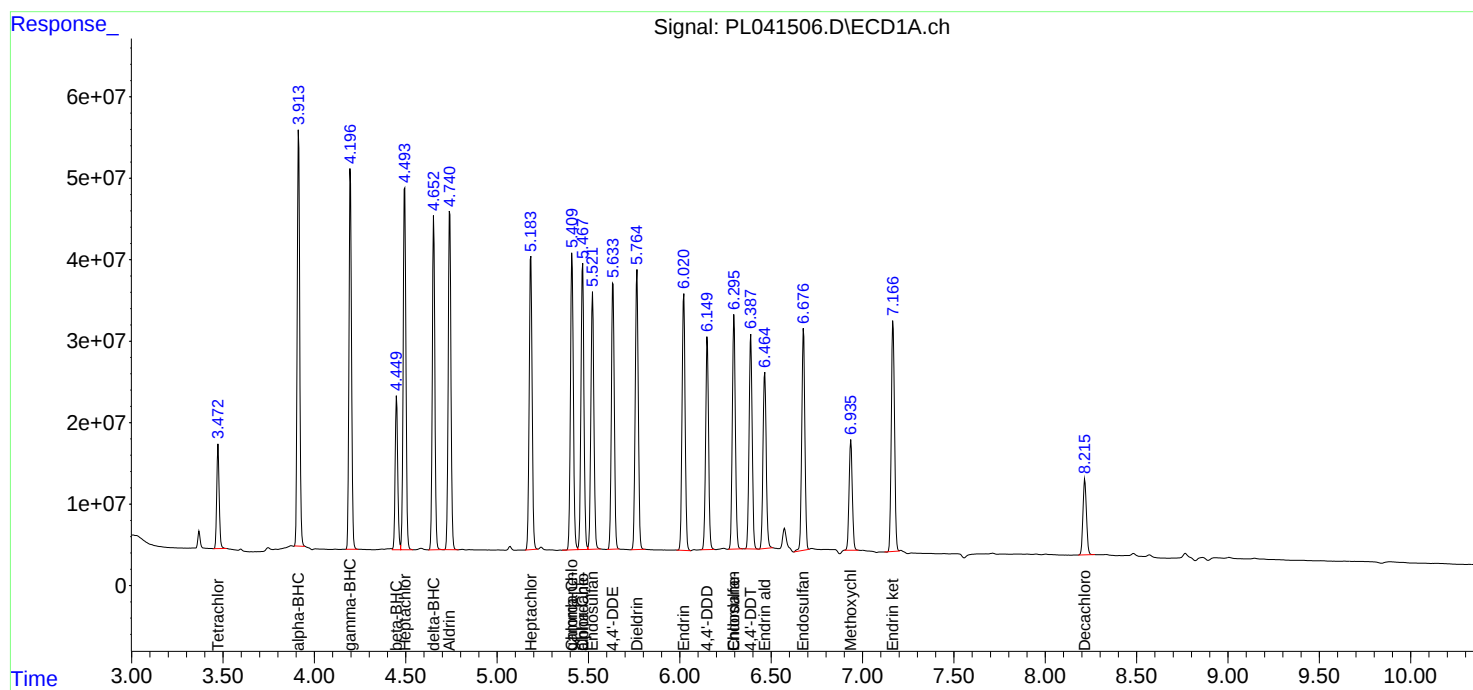
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

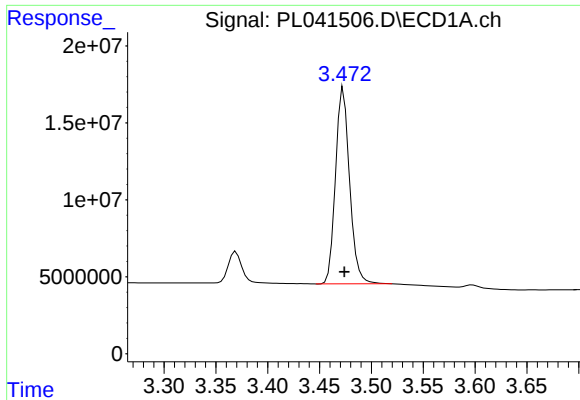
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL103018\  
Data File : PL041506.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Oct 2018 15:41  
Operator : AJ\SJ  
Sample : PB114302BS  
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ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 31 04:03:46 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102918.M  
Quant Title : GC Extractables  
QLast Update : Tue Oct 30 01:26:00 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

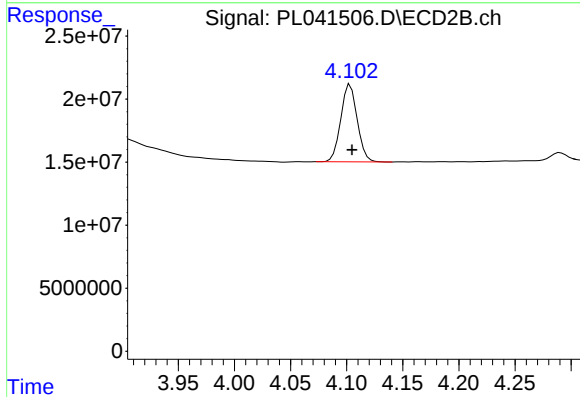




#1 Tetrachloro-m-xylene

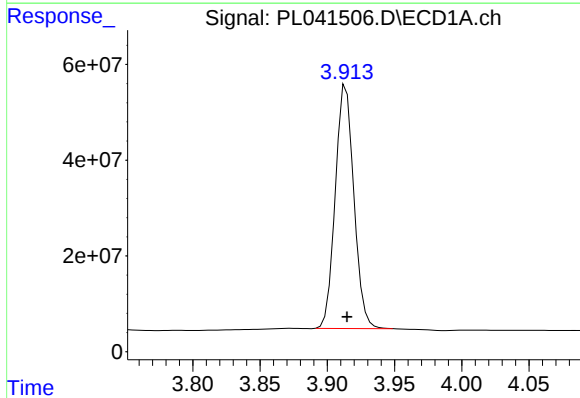
R.T.: 3.473 min  
Delta R.T.: 0.000 min  
Response: 120498593  
Conc: 18.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



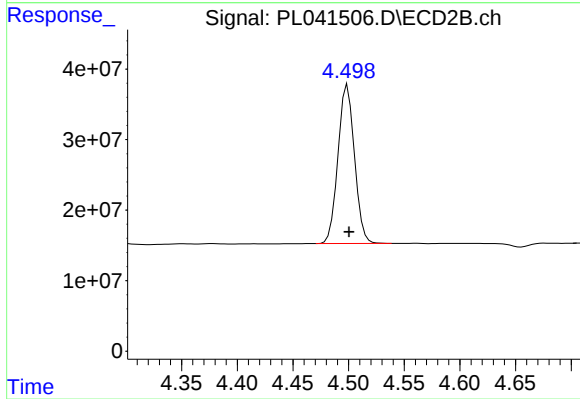
#1 Tetrachloro-m-xylene

R.T.: 4.103 min  
Delta R.T.: -0.001 min  
Response: 62565949  
Conc: 20.31 ng/ml



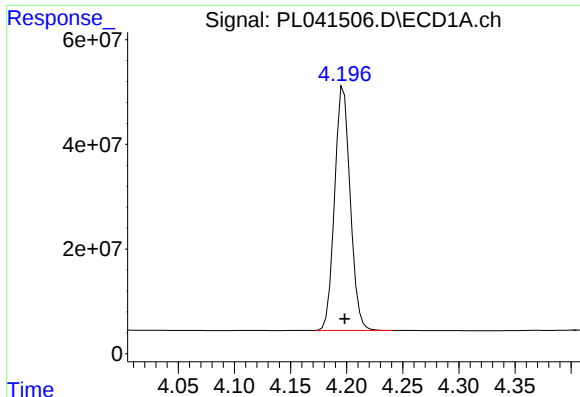
#2 alpha-BHC

R.T.: 3.914 min  
Delta R.T.: 0.000 min  
Response: 487264725  
Conc: 50.15 ng/ml



#2 alpha-BHC

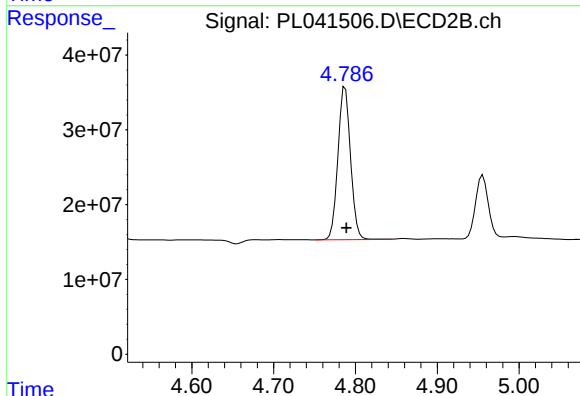
R.T.: 4.499 min  
Delta R.T.: -0.002 min  
Response: 232220774  
Conc: 50.63 ng/ml



#3 gamma-BHC (Lindane)

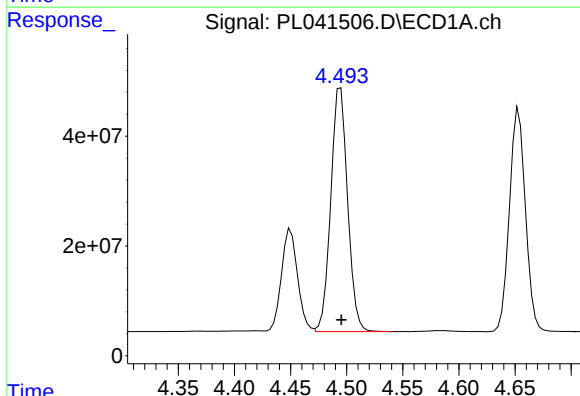
R.T.: 4.197 min  
Delta R.T.: 0.000 min  
Response: 451771601  
Conc: 50.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



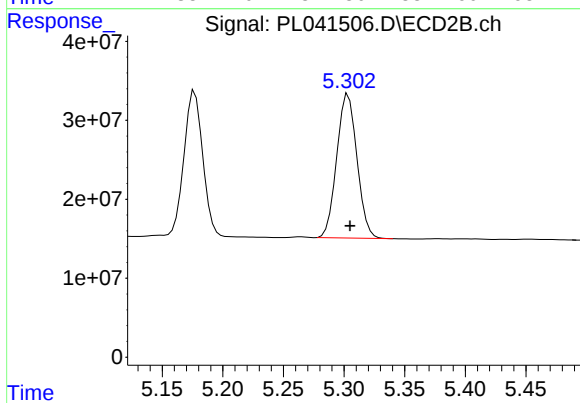
#3 gamma-BHC (Lindane)

R.T.: 4.788 min  
Delta R.T.: -0.001 min  
Response: 219084118  
Conc: 51.68 ng/ml



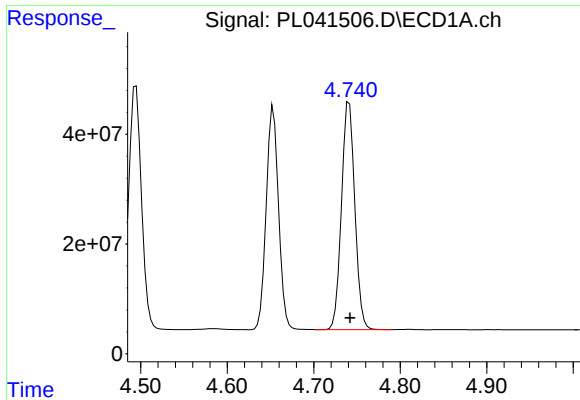
#4 Heptachlor

R.T.: 4.495 min  
Delta R.T.: 0.000 min  
Response: 464135614  
Conc: 50.64 ng/ml



#4 Heptachlor

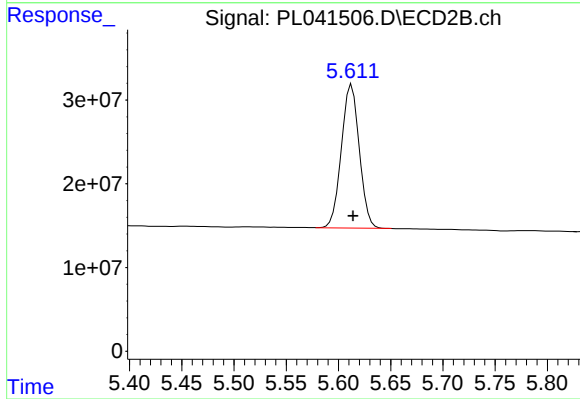
R.T.: 5.303 min  
Delta R.T.: -0.002 min  
Response: 211454416  
Conc: 52.00 ng/ml



#5 Aldrin

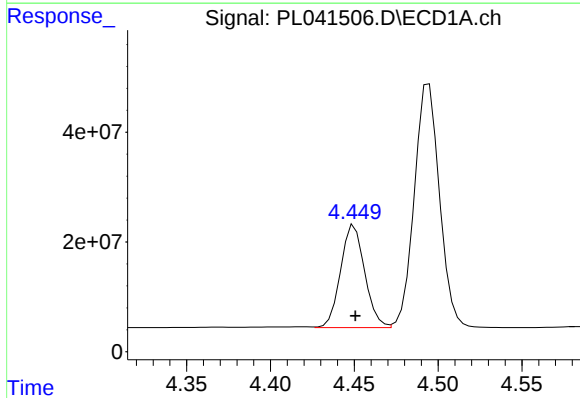
R.T.: 4.741 min  
Delta R.T.: 0.000 min  
Response: 441281701  
Conc: 52.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



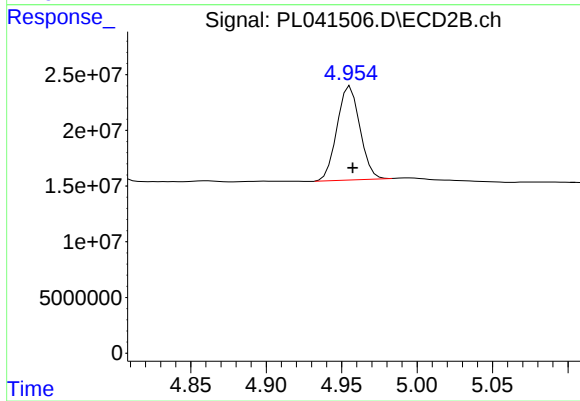
#5 Aldrin

R.T.: 5.613 min  
Delta R.T.: -0.001 min  
Response: 204842296  
Conc: 53.63 ng/ml



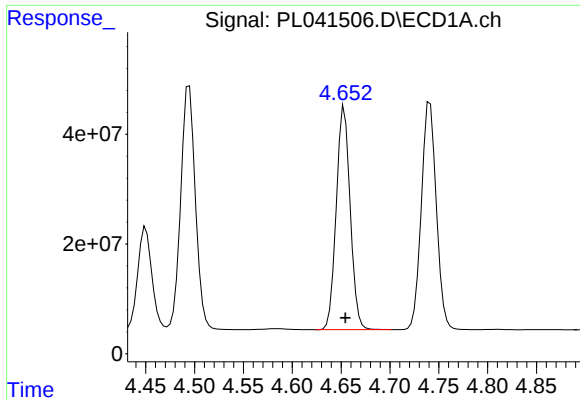
#6 beta-BHC

R.T.: 4.450 min  
Delta R.T.: 0.000 min  
Response: 186844957  
Conc: 49.57 ng/ml



#6 beta-BHC

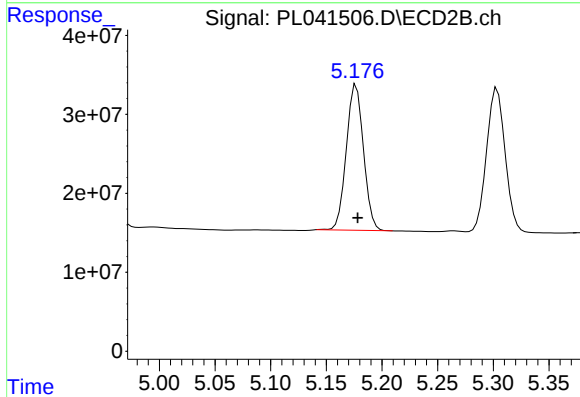
R.T.: 4.956 min  
Delta R.T.: -0.002 min  
Response: 88885392  
Conc: 51.75 ng/ml



#7 delta-BHC

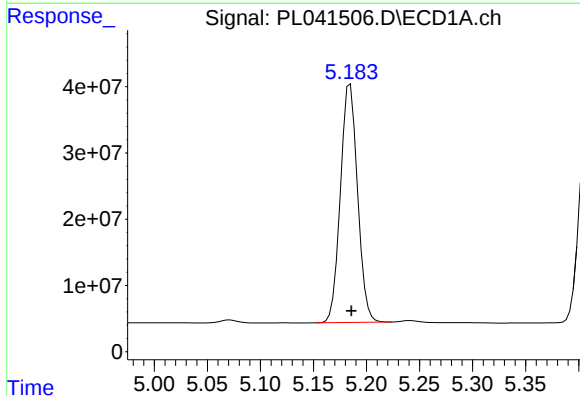
R.T.: 4.653 min  
Delta R.T.: 0.000 min  
Response: 404071391  
Conc: 48.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



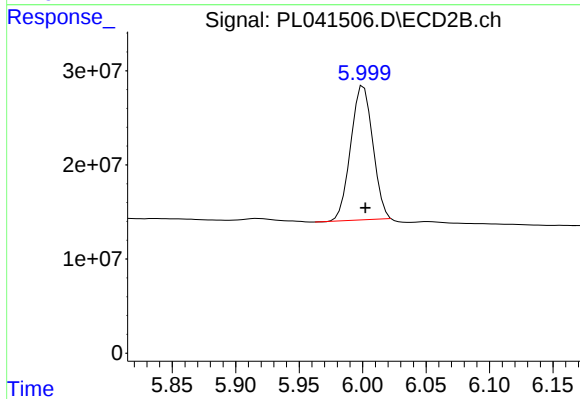
#7 delta-BHC

R.T.: 5.177 min  
Delta R.T.: -0.001 min  
Response: 198214137  
Conc: 49.08 ng/ml



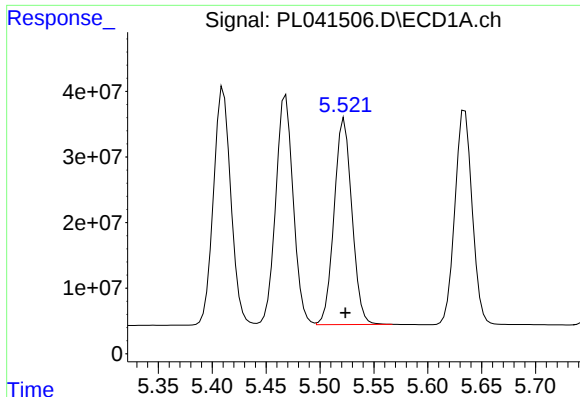
#8 Heptachlor epoxide

R.T.: 5.185 min  
Delta R.T.: -0.001 min  
Response: 403599252  
Conc: 49.99 ng/ml



#8 Heptachlor epoxide

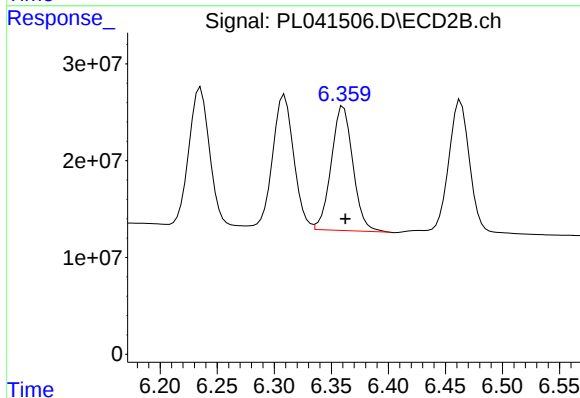
R.T.: 6.001 min  
Delta R.T.: -0.001 min  
Response: 172279666  
Conc: 49.00 ng/ml



#9 Endosulfan I

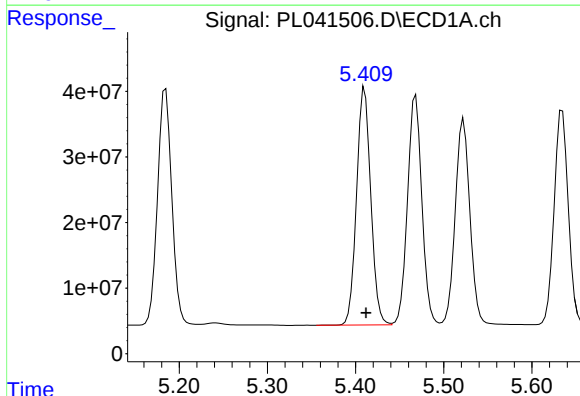
R.T.: 5.523 min  
Delta R.T.: -0.001 min  
Response: 360843815  
Conc: 48.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



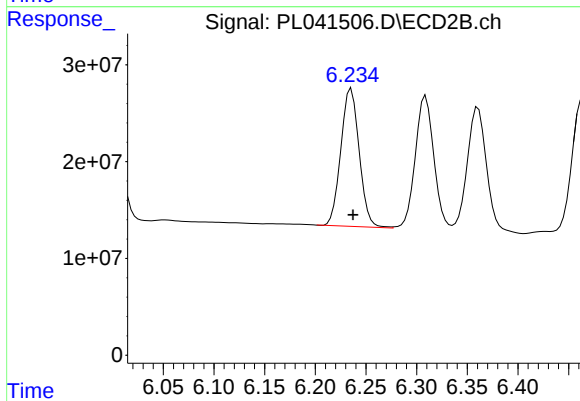
#9 Endosulfan I

R.T.: 6.361 min  
Delta R.T.: -0.002 min  
Response: 169102274  
Conc: 54.41 ng/ml



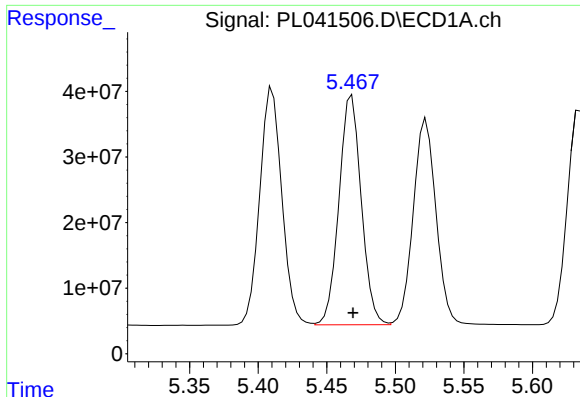
#10 gamma-Chlordane

R.T.: 5.410 min  
Delta R.T.: -0.002 min  
Response: 406013442  
Conc: 49.86 ng/ml



#10 gamma-Chlordane

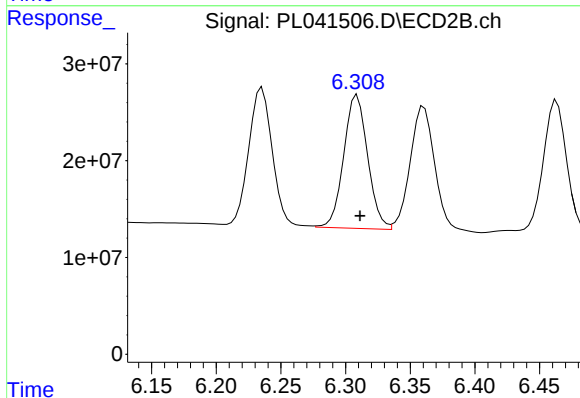
R.T.: 6.235 min  
Delta R.T.: -0.002 min  
Response: 179571602  
Conc: 53.19 ng/ml



#11 alpha-Chlordane

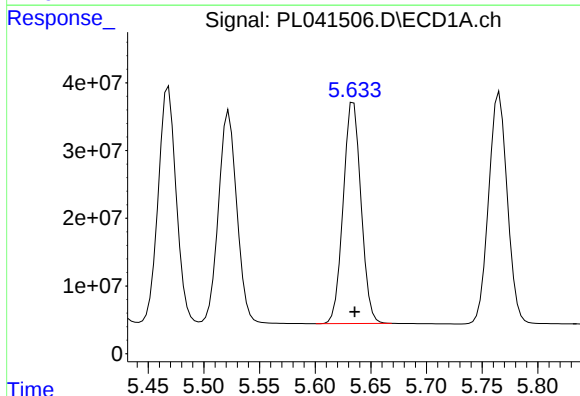
R.T.: 5.468 min  
Delta R.T.: 0.000 min  
Response: 396212212  
Conc: 48.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



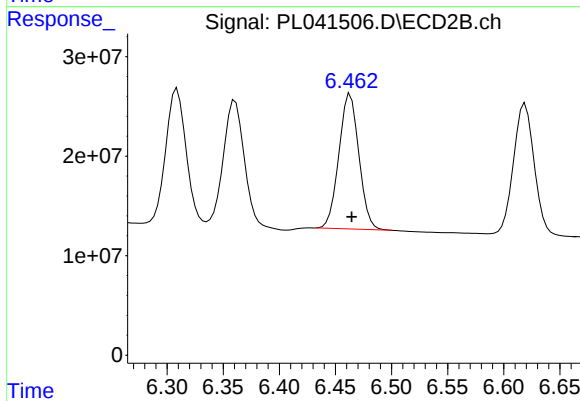
#11 alpha-Chlordane

R.T.: 6.309 min  
Delta R.T.: -0.002 min  
Response: 177346225  
Conc: 52.40 ng/ml



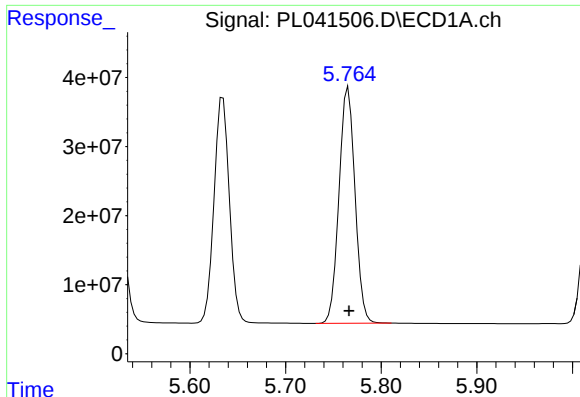
#12 4,4'-DDE

R.T.: 5.634 min  
Delta R.T.: -0.001 min  
Response: 364128188  
Conc: 50.87 ng/ml



#12 4,4'-DDE

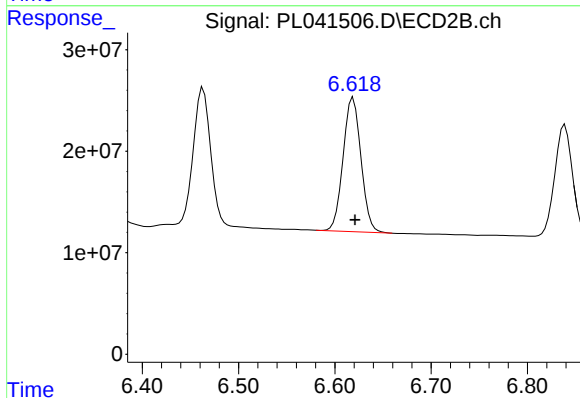
R.T.: 6.463 min  
Delta R.T.: -0.001 min  
Response: 168365661  
Conc: 51.45 ng/ml



#13 Dieldrin

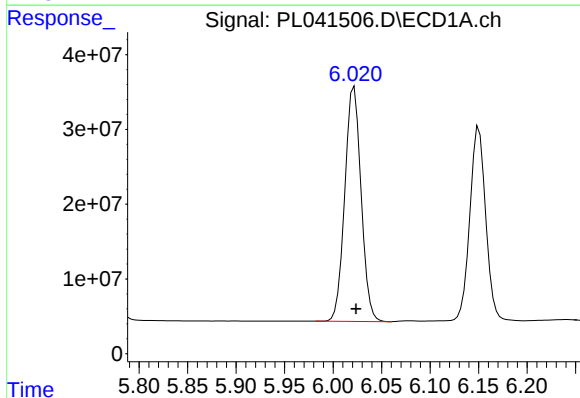
R.T.: 5.765 min  
Delta R.T.: -0.001 min  
Response: 398117270  
Conc: 50.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



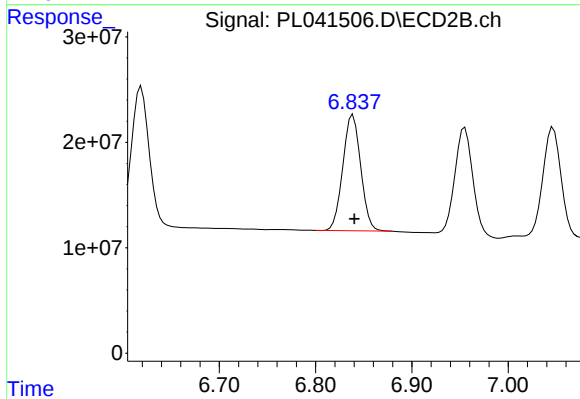
#13 Dieldrin

R.T.: 6.619 min  
Delta R.T.: -0.002 min  
Response: 169671780  
Conc: 52.64 ng/ml



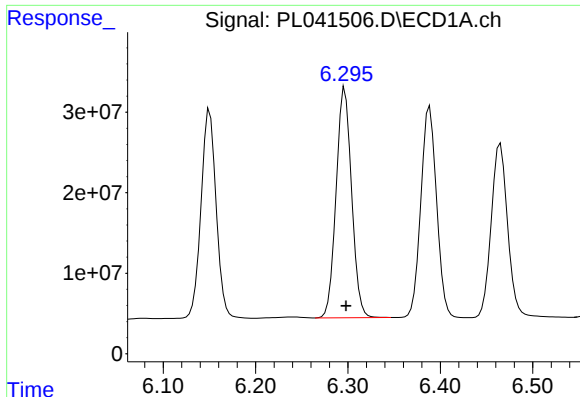
#14 Endrin

R.T.: 6.022 min  
Delta R.T.: -0.002 min  
Response: 366840256  
Conc: 50.15 ng/ml



#14 Endrin

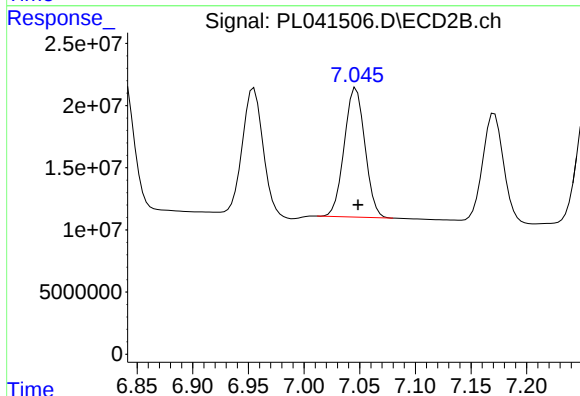
R.T.: 6.839 min  
Delta R.T.: -0.001 min  
Response: 141585195  
Conc: 52.08 ng/ml



#15 Endosulfan II

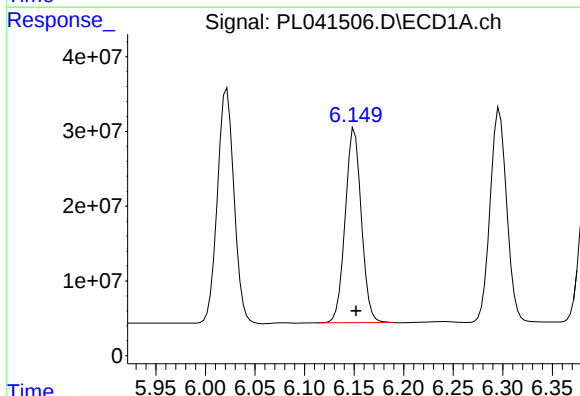
R.T.: 6.297 min  
Delta R.T.: -0.001 min  
Response: 332784775  
Conc: 48.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



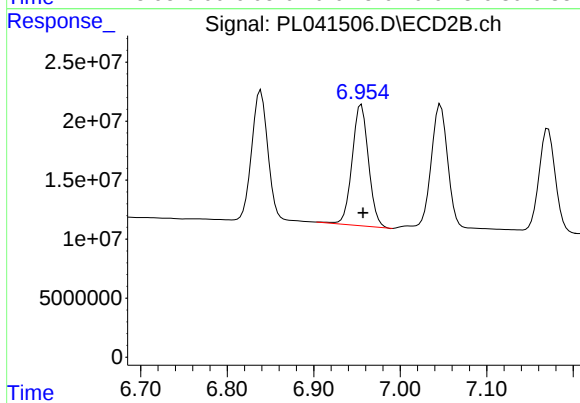
#15 Endosulfan II

R.T.: 7.047 min  
Delta R.T.: -0.002 min  
Response: 134317468  
Conc: 49.65 ng/ml



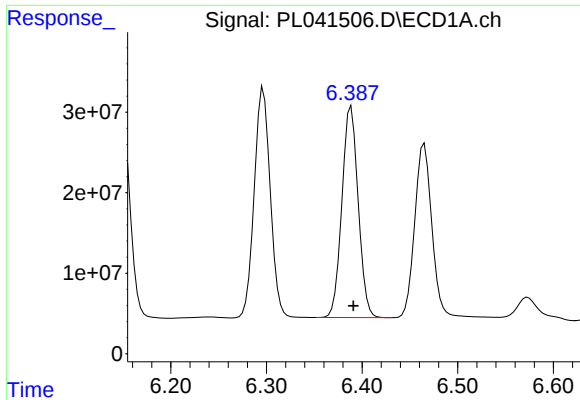
#16 4,4'-DDD

R.T.: 6.150 min  
Delta R.T.: -0.002 min  
Response: 294471053  
Conc: 50.68 ng/ml



#16 4,4'-DDD

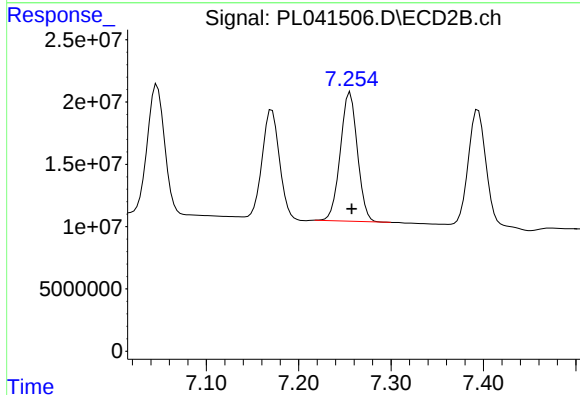
R.T.: 6.955 min  
Delta R.T.: -0.002 min  
Response: 134996805  
Conc: 54.22 ng/ml



#17 4,4'-DDT

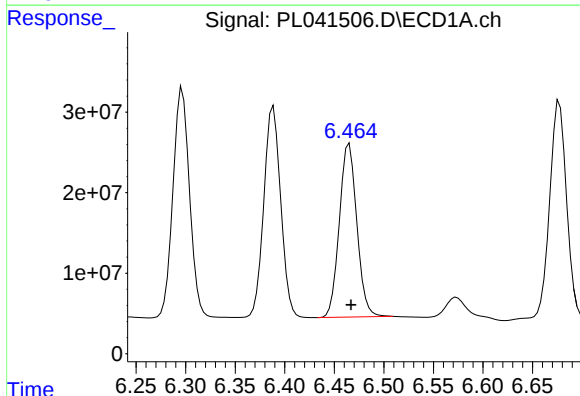
R.T.: 6.389 min  
Delta R.T.: -0.002 min  
Response: 311167394  
Conc: 51.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



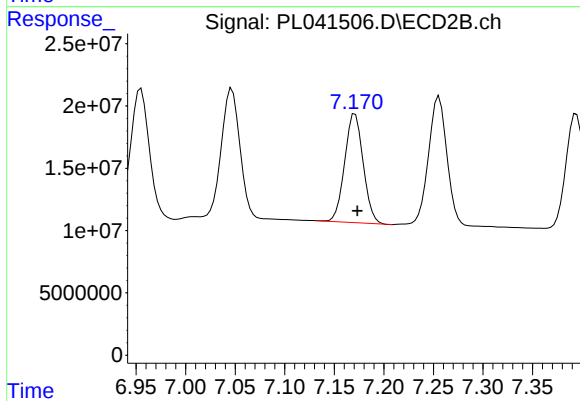
#17 4,4'-DDT

R.T.: 7.256 min  
Delta R.T.: -0.002 min  
Response: 132865107  
Conc: 52.85 ng/ml



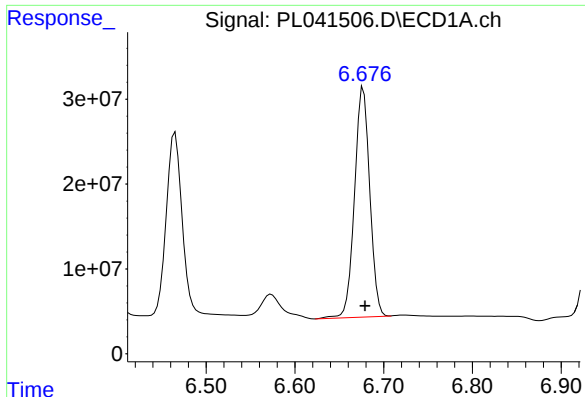
#18 Endrin aldehyde

R.T.: 6.465 min  
Delta R.T.: -0.002 min  
Response: 264960253  
Conc: 48.11 ng/ml



#18 Endrin aldehyde

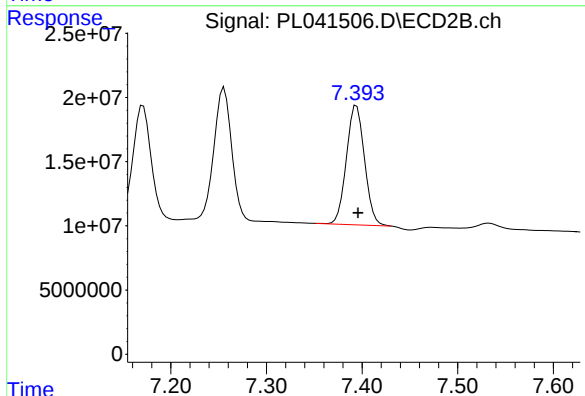
R.T.: 7.171 min  
Delta R.T.: -0.002 min  
Response: 113780340  
Conc: 51.98 ng/ml



#19 Endosulfan Sulfate

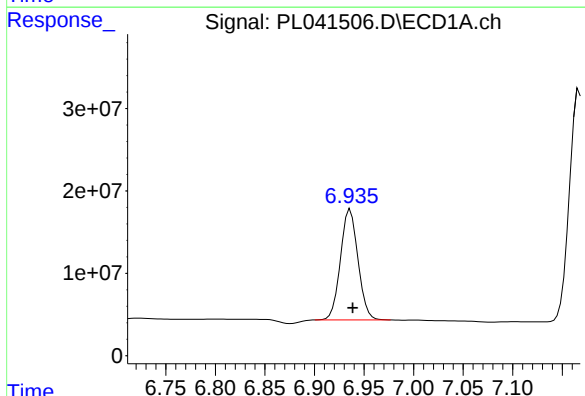
R.T.: 6.677 min  
Delta R.T.: -0.002 min  
Response: 323088786  
Conc: 50.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



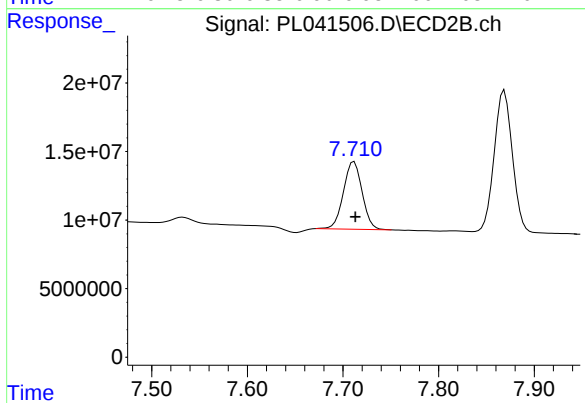
#19 Endosulfan Sulfate

R.T.: 7.394 min  
Delta R.T.: -0.002 min  
Response: 122663858  
Conc: 49.43 ng/ml



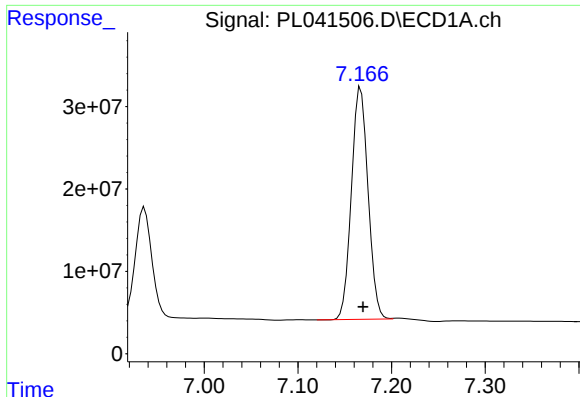
#20 Methoxychlor

R.T.: 6.936 min  
Delta R.T.: -0.002 min  
Response: 165403789  
Conc: 49.21 ng/ml



#20 Methoxychlor

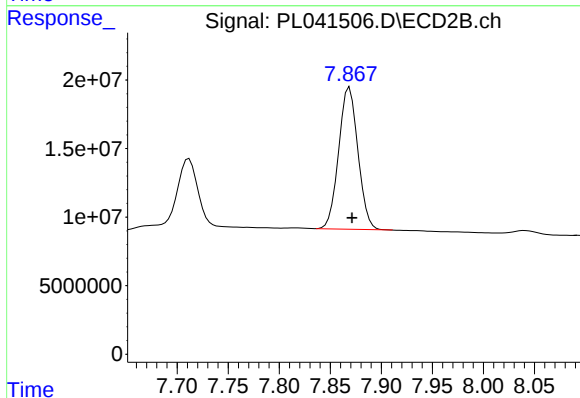
R.T.: 7.712 min  
Delta R.T.: -0.001 min  
Response: 67321910  
Conc: 51.97 ng/ml



#21 Endrin ketone

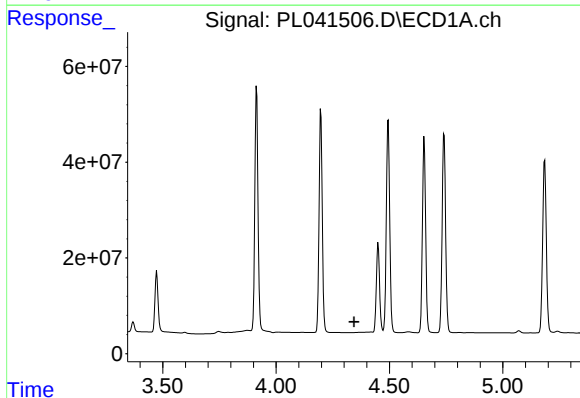
R.T.: 7.167 min  
Delta R.T.: -0.002 min  
Response: 348617485  
Conc: 48.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



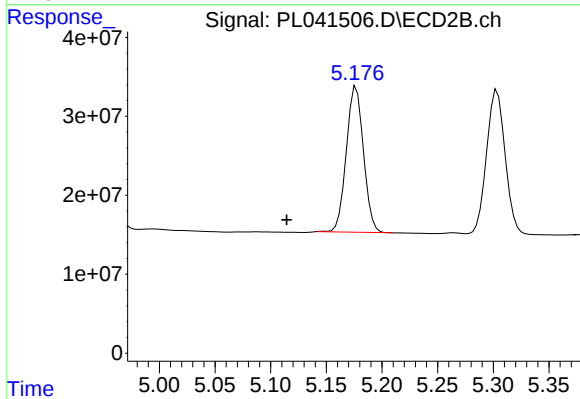
#21 Endrin ketone

R.T.: 7.869 min  
Delta R.T.: -0.003 min  
Response: 136200529  
Conc: 51.75 ng/ml



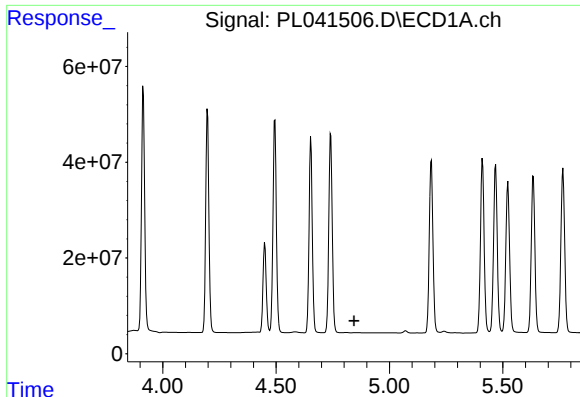
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.344 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

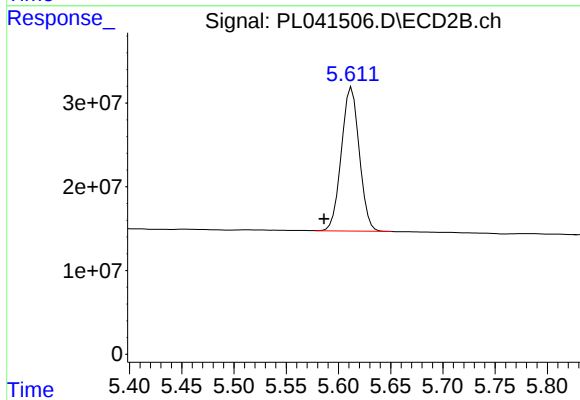
R.T.: 5.177 min  
Delta R.T.: 0.062 min  
Response: 198214137  
Conc: 1427.13 ng/ml



#24 Chlordane-2

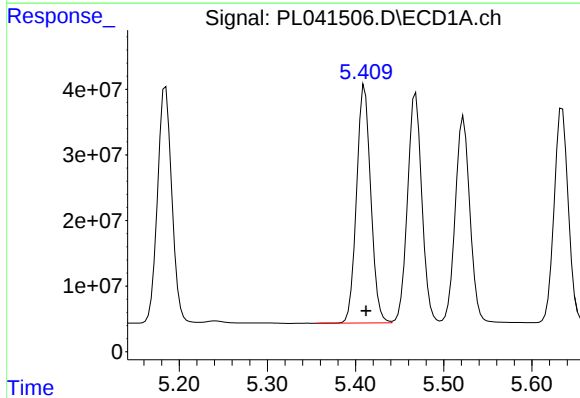
R.T.: 0.000 min  
Exp R.T.: 4.844 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



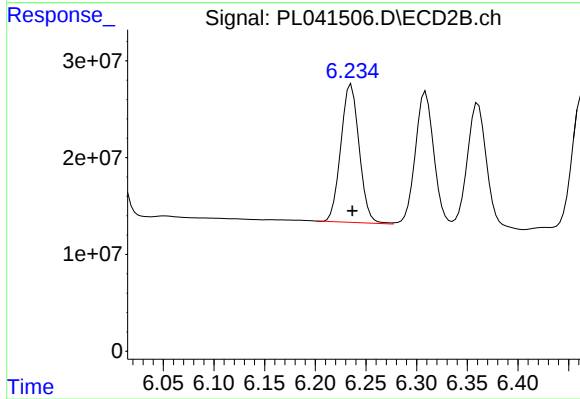
#24 Chlordane-2

R.T.: 5.613 min  
Delta R.T.: 0.027 min  
Response: 204842296  
Conc: 1541.51 ng/ml



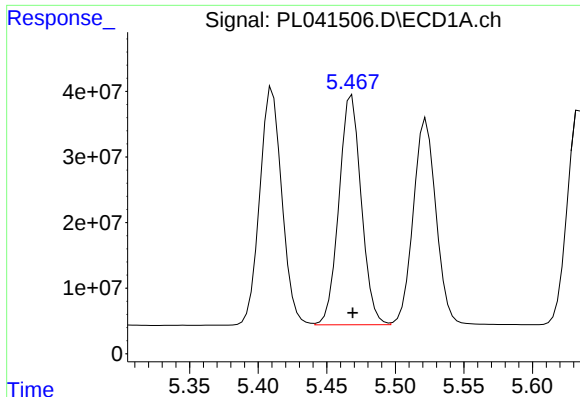
#25 Chlordane-3

R.T.: 5.410 min  
Delta R.T.: -0.002 min  
Response: 406013442  
Conc: 455.54 ng/ml



#25 Chlordane-3

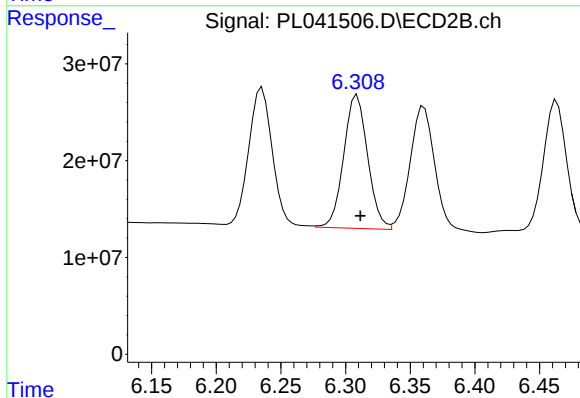
R.T.: 6.235 min  
Delta R.T.: -0.001 min  
Response: 179571602  
Conc: 399.02 ng/ml



#26 Chlordane-4

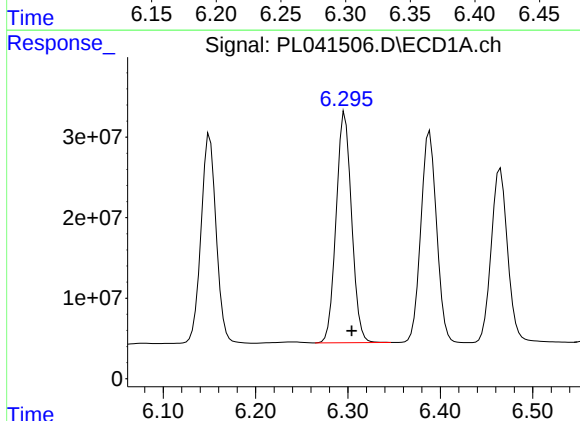
R.T.: 5.468 min  
Delta R.T.: 0.000 min  
Response: 396212212  
Conc: 506.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



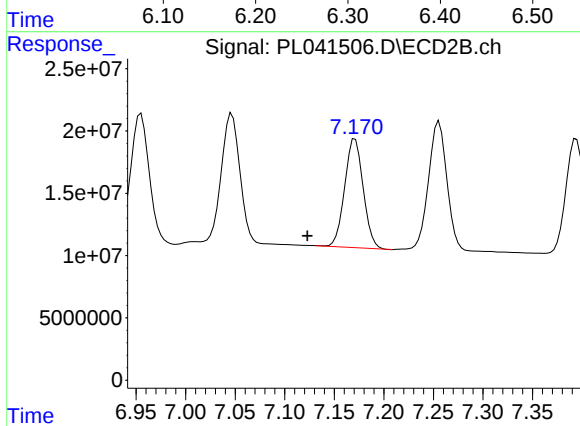
#26 Chlordane-4

R.T.: 6.309 min  
Delta R.T.: -0.002 min  
Response: 177346225  
Conc: 339.21 ng/ml



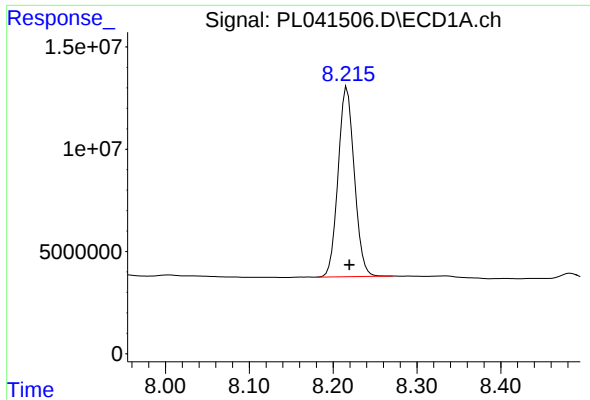
#27 Chlordane-5

R.T.: 6.297 min  
Delta R.T.: -0.007 min  
Response: 332784775  
Conc: 1334.54 ng/ml



#27 Chlordane-5

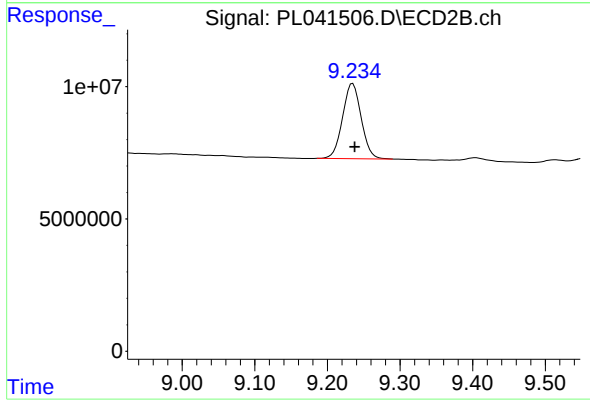
R.T.: 7.171 min  
Delta R.T.: 0.048 min  
Response: 113780340  
Conc: 1165.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.217 min  
Delta R.T.: -0.003 min  
Response: 124475048  
Conc: 18.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.235 min  
Delta R.T.: -0.003 min  
Response: 50753973  
Conc: 19.81 ng/ml