

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021819\  
 Data File : PL044898.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Feb 2019 16:50  
 Operator : AJ\SJ  
 Sample : K1514-01MSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 FK-BPM-004-CLEARBROOK-PILE-1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 19 02:16:16 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020619.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Feb 07 01:39:50 2019  
 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... | 3.365 | 3.983 | 146.8E6 | 50087102 | 20.634 | 21.321 |
| 28)                         | SA Decachlor... | 8.049 | 9.043 | 153.7E6 | 45016967 | 21.073 | 20.325 |
| Target Compounds            |                 |       |       |         |          |        |        |
| 2)                          | A alpha-BHC     | 3.795 | 4.373 | 551.3E6 | 154.2E6  | 51.622 | 50.616 |
| 3)                          | MA gamma-BHC... | 4.073 | 4.658 | 507.9E6 | 144.5E6  | 51.623 | 49.862 |
| 4)                          | MA Heptachlor   | 4.361 | 5.165 | 515.1E6 | 146.9E6  | 49.999 | 48.242 |
| 5)                          | MB Aldrin       | 4.601 | 5.470 | 477.3E6 | 131.1E6  | 49.589 | 47.306 |
| 6)                          | B beta-BHC      | 4.325 | 4.829 | 206.7E6 | 64542844 | 48.923 | 48.711 |
| 7)                          | B delta-BHC     | 4.522 | 5.046 | 403.2E6 | 84914513 | 50.092 | 46.438 |
| 8)                          | B Heptachlo...  | 5.039 | 5.856 | 442.2E6 | 109.4E6  | 47.528 | 43.747 |
| 9)                          | A Endosulfan I  | 5.371 | 6.212 | 410.2E6 | 115.3E6  | 47.003 | 45.558 |
| 10)                         | B gamma-Chl...  | 5.262 | 6.090 | 452.7E6 | 123.4E6  | 46.906 | 44.463 |
| 11)                         | B alpha-Chl...  | 5.319 | 6.162 | 444.2E6 | 125.0E6  | 46.459 | 45.100 |
| 12)                         | B 4,4'-DDE      | 5.486 | 6.321 | 402.4E6 | 108.8E6  | 46.400 | 45.576 |
| 13)                         | MA Dieldrin     | 5.611 | 6.470 | 443.2E6 | 119.3E6  | 47.223 | 46.252 |
| 14)                         | MA Endrin       | 5.865 | 6.687 | 403.0E6 | 100.2E6  | 46.007 | 44.596 |
| 15)                         | B Endosulfa...  | 6.139 | 6.897 | 381.8E6 | 106.8E6  | 45.158 | 46.356 |
| 16)                         | A 4,4'-DDD      | 5.998 | 6.810 | 328.5E6 | 89382229 | 45.406 | 46.549 |
| 17)                         | MA 4,4'-DDT     | 6.233 | 7.109 | 308.8E6 | 85200733 | 43.059 | 43.430 |
| 18)                         | B Endrin al...  | 6.306 | 7.021 | 305.9E6 | 87290566 | 43.640 | 43.024 |
| 19)                         | B Endosulfa...  | 6.518 | 7.243 | 331.3E6 | 93455209 | 45.580 | 44.292 |
| 20)                         | A Methoxychlor  | 6.778 | 7.567 | 168.0E6 | 50543792 | 41.870 | 42.306 |
| 21)                         | B Endrin ke...  | 7.001 | 7.713 | 402.7E6 | 106.8E6  | 48.396 | 47.036 |
| -----                       |                 |       |       |         |          |        |        |

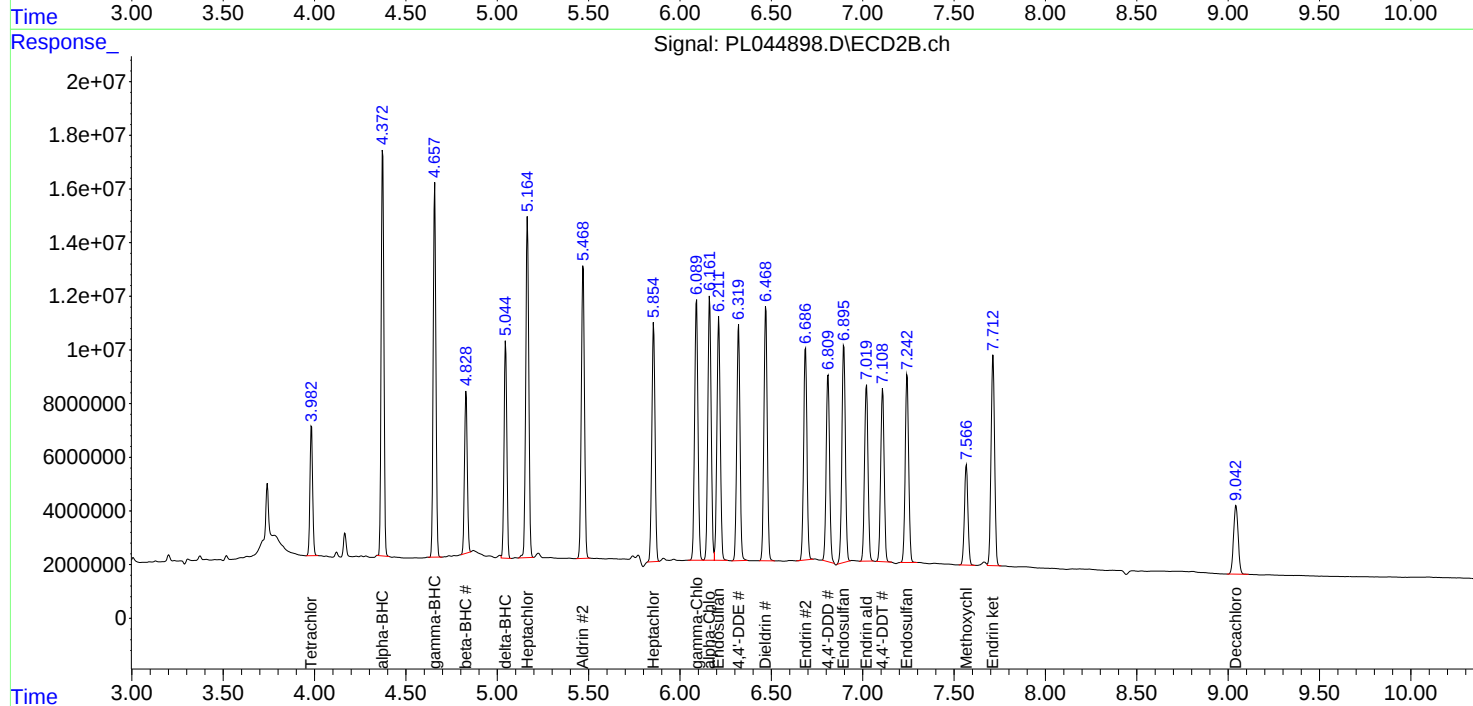
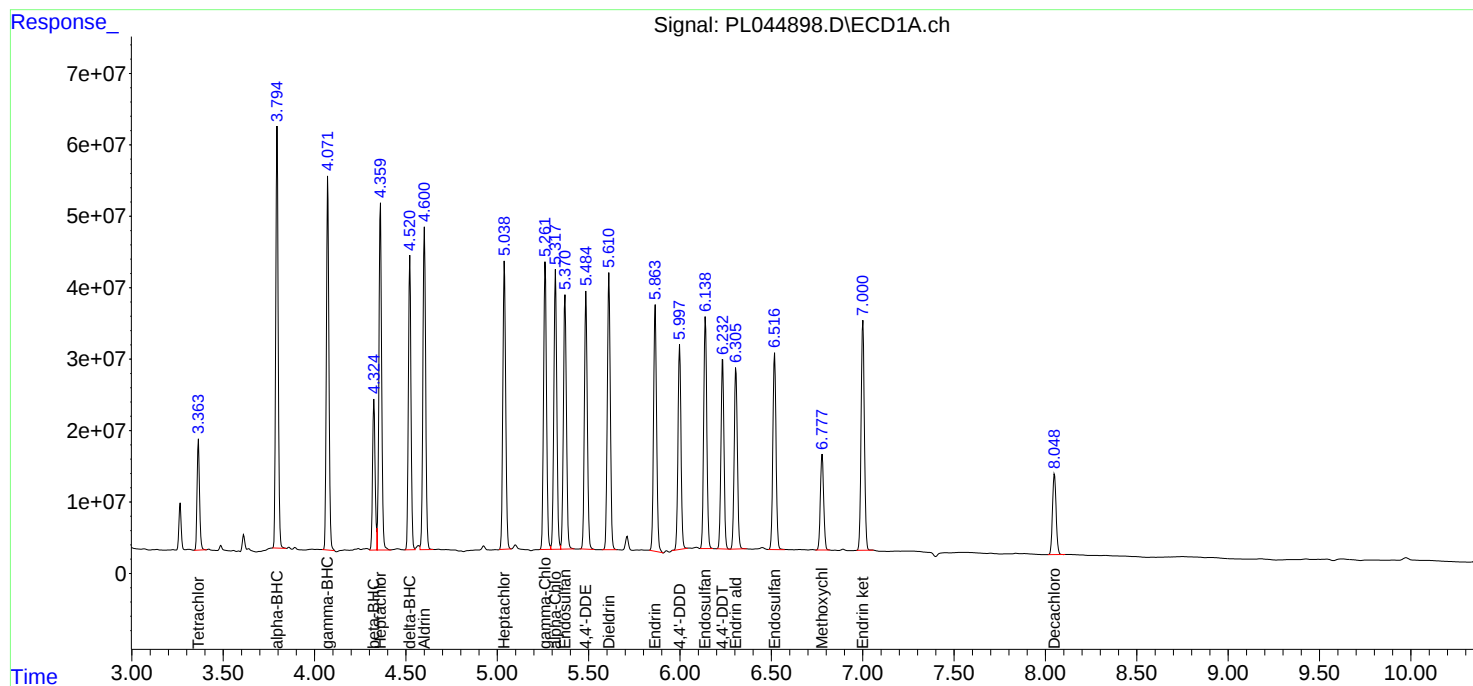
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

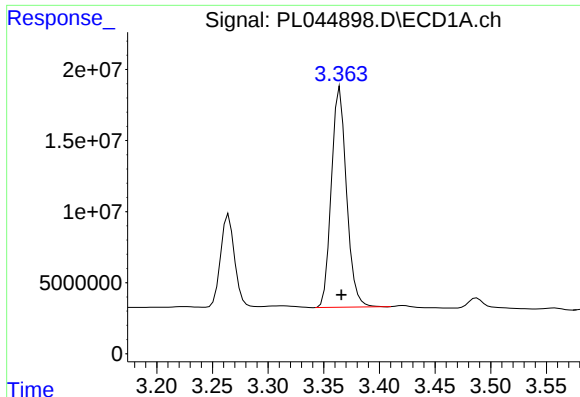
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021819\  
Data File : PL044898.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Feb 2019 16:50  
Operator : AJ\SJ  
Sample : K1514-01MSD  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-004-CLEARBROOK-PILE-1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 19 02:16:16 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020619.M  
Quant Title : GC Extractables  
QLast Update : Thu Feb 07 01:39:50 2019  
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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

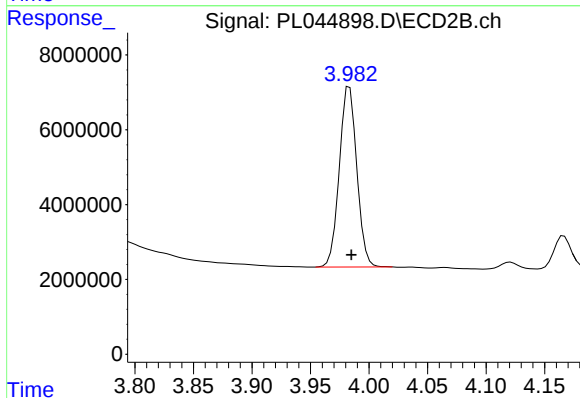




#1 Tetrachloro-m-xylene

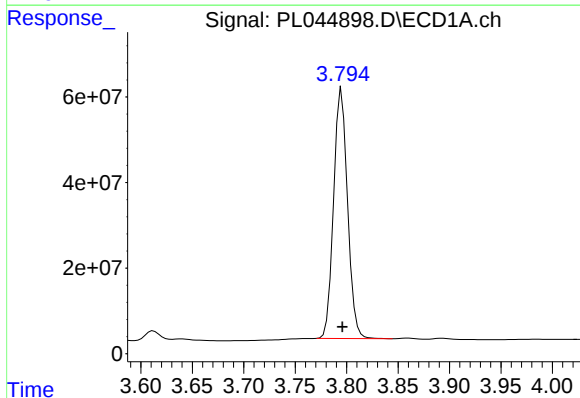
R.T.: 3.365 min  
Delta R.T.: -0.001 min  
Response: 146825573  
Conc: 20.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-004-CLEARBROOK-PILE-1



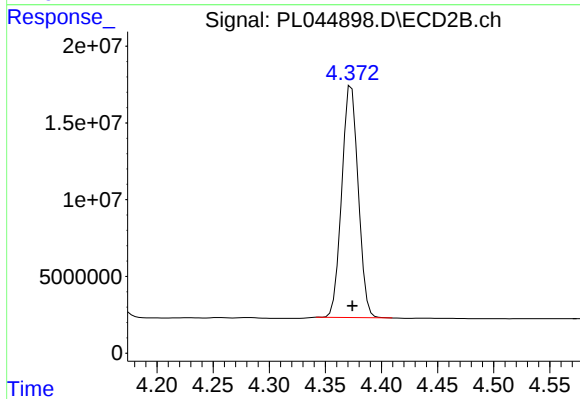
#1 Tetrachloro-m-xylene

R.T.: 3.983 min  
Delta R.T.: -0.002 min  
Response: 50087102  
Conc: 21.32 ng/ml



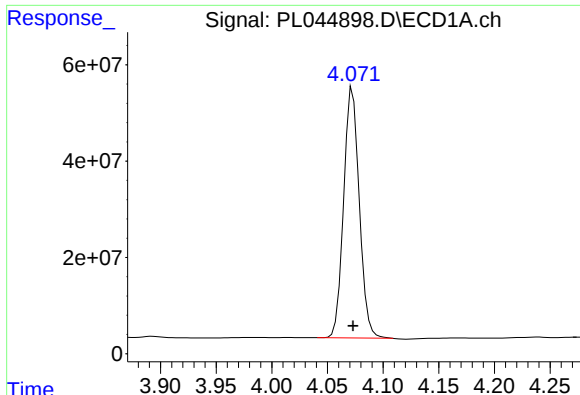
#2 alpha-BHC

R.T.: 3.795 min  
Delta R.T.: 0.000 min  
Response: 551339631  
Conc: 51.62 ng/ml



#2 alpha-BHC

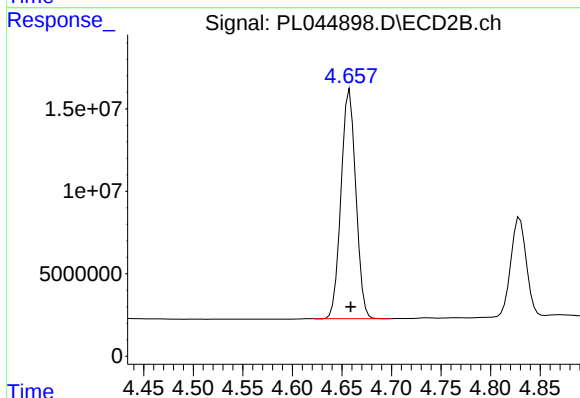
R.T.: 4.373 min  
Delta R.T.: 0.000 min  
Response: 154182583  
Conc: 50.62 ng/ml



#3 gamma-BHC (Lindane)

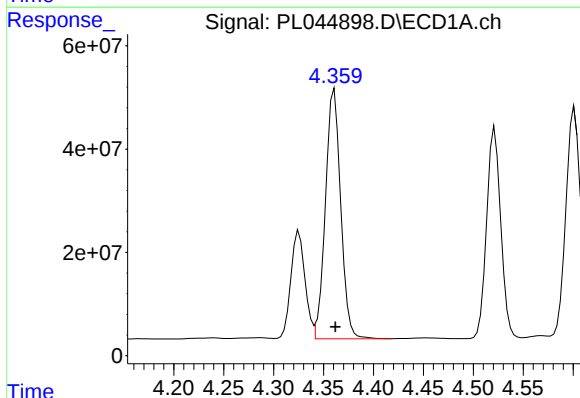
R.T.: 4.073 min  
Delta R.T.: 0.000 min  
Response: 507894200  
Conc: 51.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-004-CLEARBROOK-PILE-1



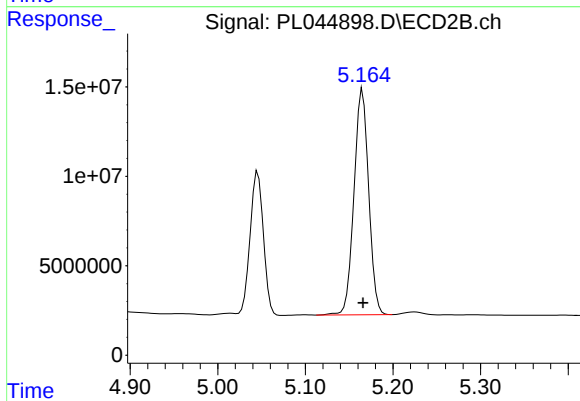
#3 gamma-BHC (Lindane)

R.T.: 4.658 min  
Delta R.T.: -0.001 min  
Response: 144456525  
Conc: 49.86 ng/ml



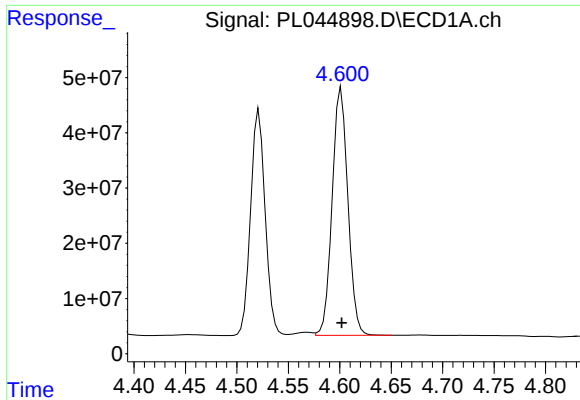
#4 Heptachlor

R.T.: 4.361 min  
Delta R.T.: -0.001 min  
Response: 515065876  
Conc: 50.00 ng/ml



#4 Heptachlor

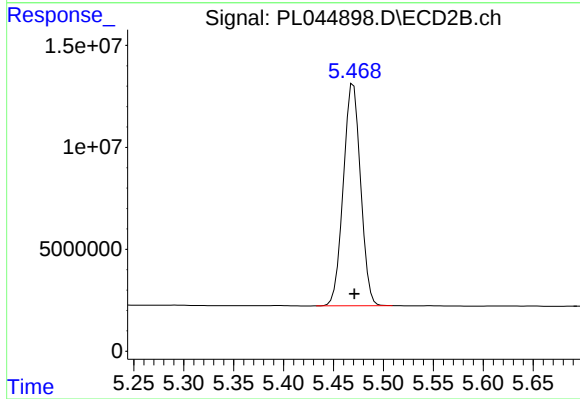
R.T.: 5.165 min  
Delta R.T.: 0.000 min  
Response: 146947671  
Conc: 48.24 ng/ml



#5 Aldrin

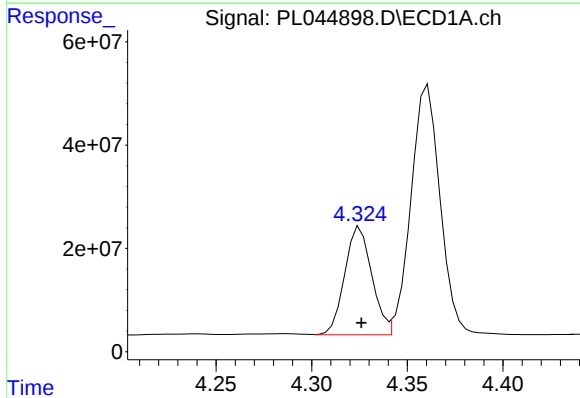
R.T.: 4.601 min  
Delta R.T.: 0.000 min  
Response: 477332949  
Conc: 49.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-004-CLEARBROOK-PILE-1



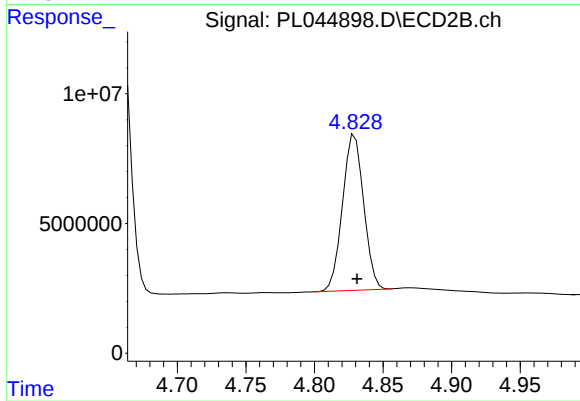
#5 Aldrin

R.T.: 5.470 min  
Delta R.T.: -0.001 min  
Response: 131088365  
Conc: 47.31 ng/ml



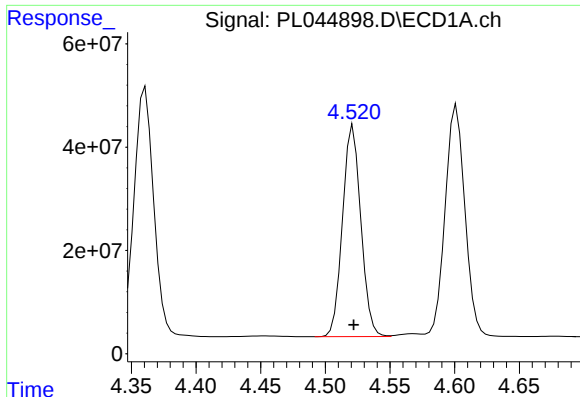
#6 beta-BHC

R.T.: 4.325 min  
Delta R.T.: 0.000 min  
Response: 206724353  
Conc: 48.92 ng/ml



#6 beta-BHC

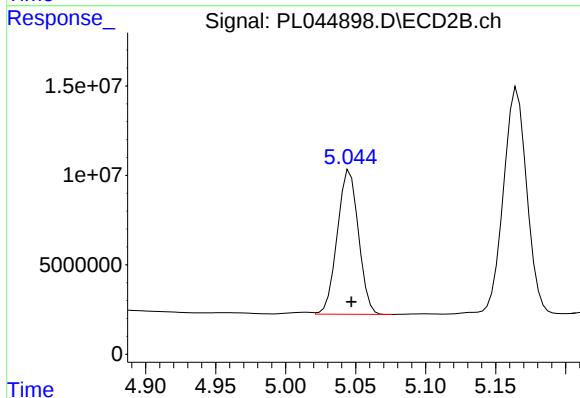
R.T.: 4.829 min  
Delta R.T.: -0.002 min  
Response: 64542844  
Conc: 48.71 ng/ml



#7 delta-BHC

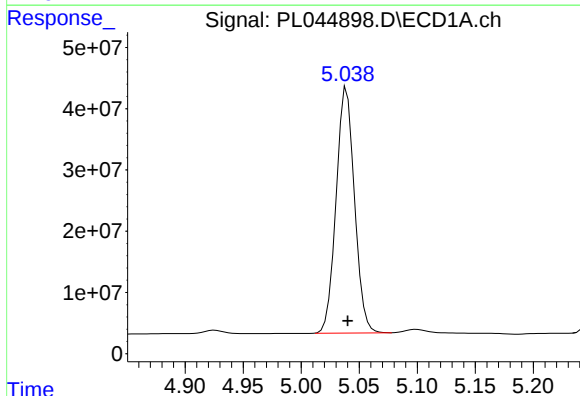
R.T.: 4.522 min  
Delta R.T.: 0.000 min  
Response: 403243932  
Conc: 50.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-004-CLEARBROOK-PILE-1



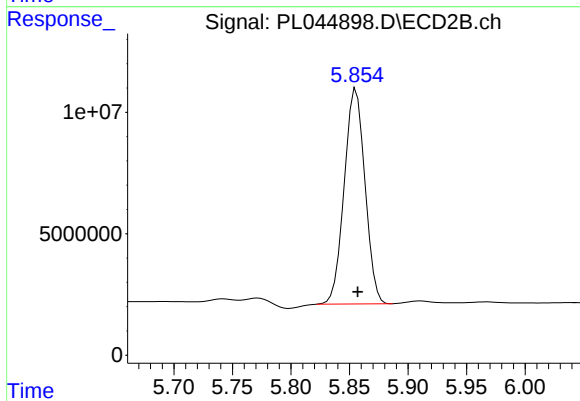
#7 delta-BHC

R.T.: 5.046 min  
Delta R.T.: -0.001 min  
Response: 84914513  
Conc: 46.44 ng/ml



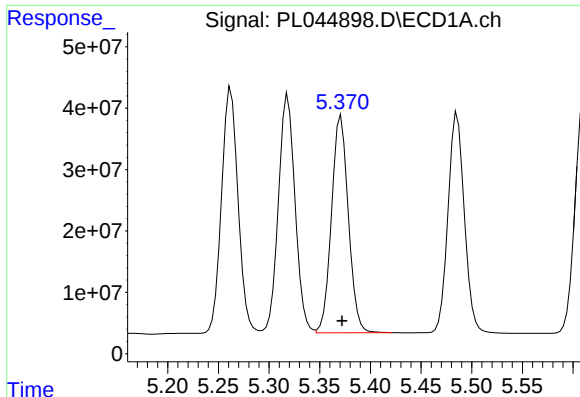
#8 Heptachlor epoxide

R.T.: 5.039 min  
Delta R.T.: 0.000 min  
Response: 442241193  
Conc: 47.53 ng/ml



#8 Heptachlor epoxide

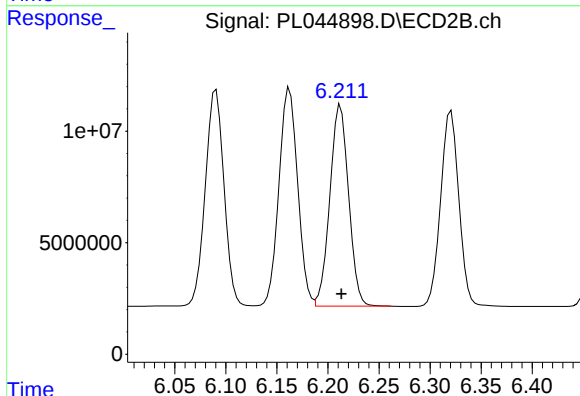
R.T.: 5.856 min  
Delta R.T.: -0.001 min  
Response: 109391371  
Conc: 43.75 ng/ml



#9 Endosulfan I

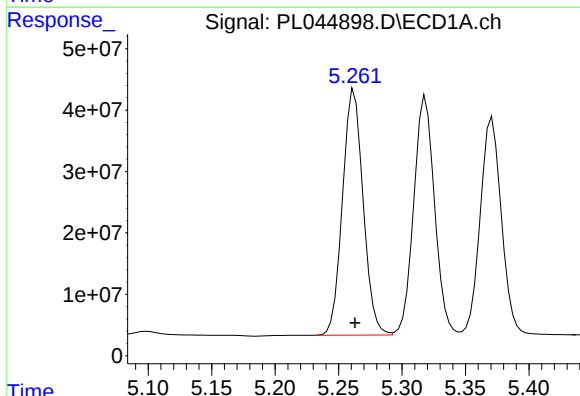
R.T.: 5.371 min  
Delta R.T.: 0.000 min  
Response: 410189478  
Conc: 47.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-004-CLEARBROOK-PILE-1



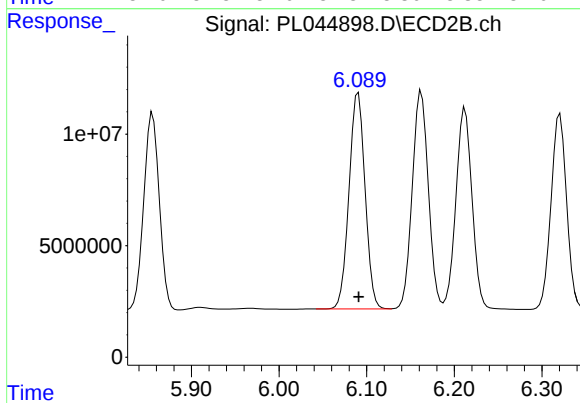
#9 Endosulfan I

R.T.: 6.212 min  
Delta R.T.: 0.000 min  
Response: 115255681  
Conc: 45.56 ng/ml



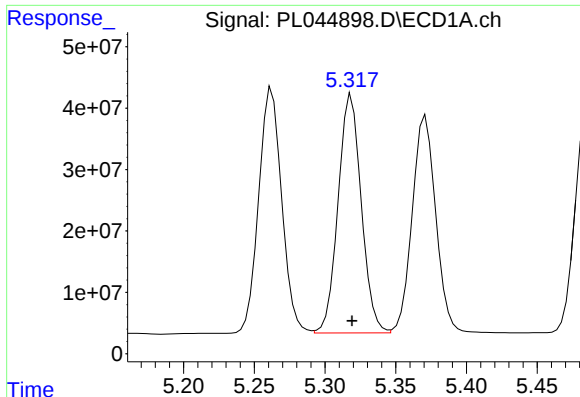
#10 gamma-Chlordane

R.T.: 5.262 min  
Delta R.T.: 0.000 min  
Response: 452692714  
Conc: 46.91 ng/ml



#10 gamma-Chlordane

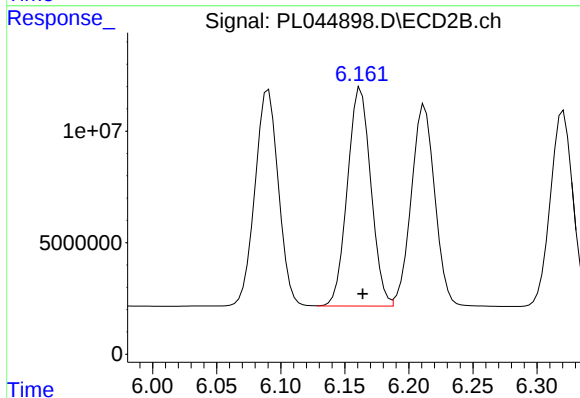
R.T.: 6.090 min  
Delta R.T.: 0.000 min  
Response: 123433024  
Conc: 44.46 ng/ml



#11 alpha-Chlordane

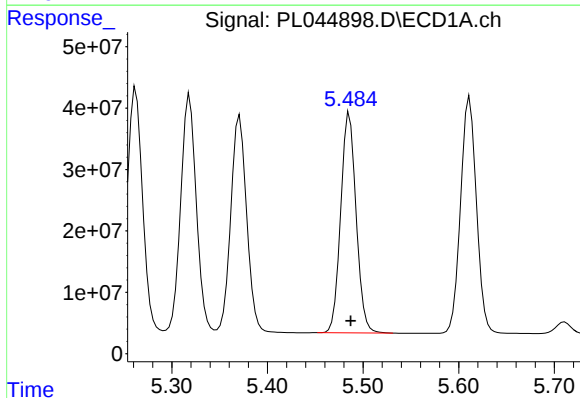
R.T.: 5.319 min  
Delta R.T.: 0.000 min  
Response: 444204787  
Conc: 46.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-004-CLEARBROOK-PILE-1



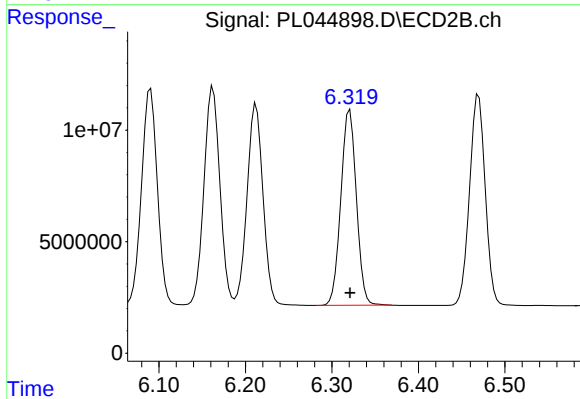
#11 alpha-Chlordane

R.T.: 6.162 min  
Delta R.T.: -0.002 min  
Response: 124964435  
Conc: 45.10 ng/ml



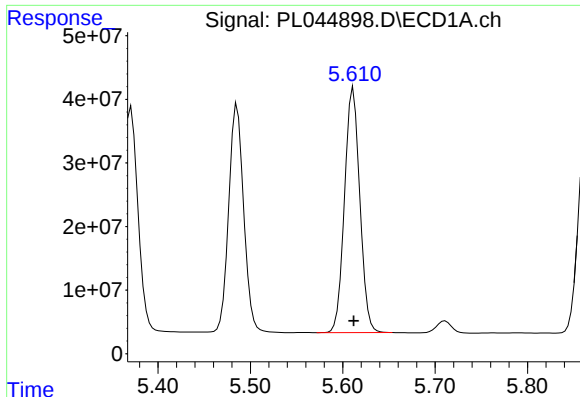
#12 4,4'-DDE

R.T.: 5.486 min  
Delta R.T.: -0.001 min  
Response: 402385107  
Conc: 46.40 ng/ml



#12 4,4'-DDE

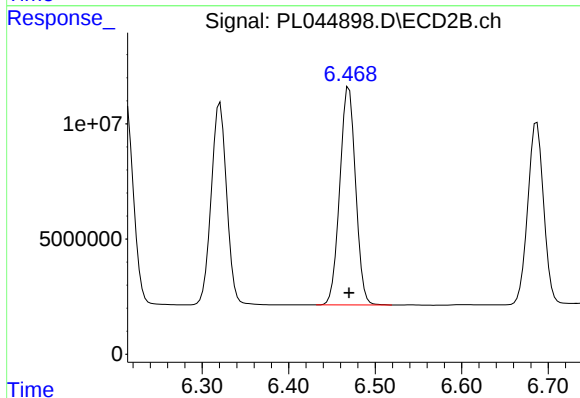
R.T.: 6.321 min  
Delta R.T.: 0.000 min  
Response: 108818959  
Conc: 45.58 ng/ml



#13 Dieldrin

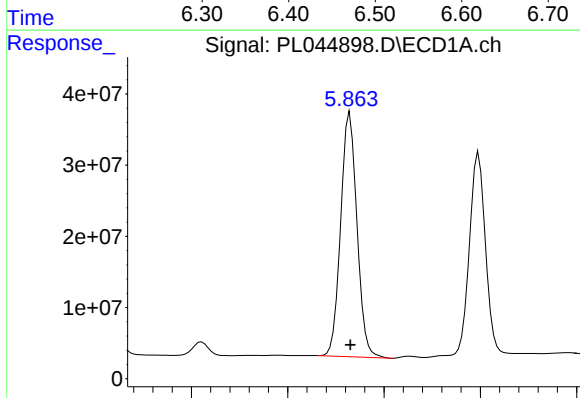
R.T.: 5.611 min  
Delta R.T.: 0.000 min  
Response: 443224830  
Conc: 47.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-004-CLEARBROOK-PILE-1



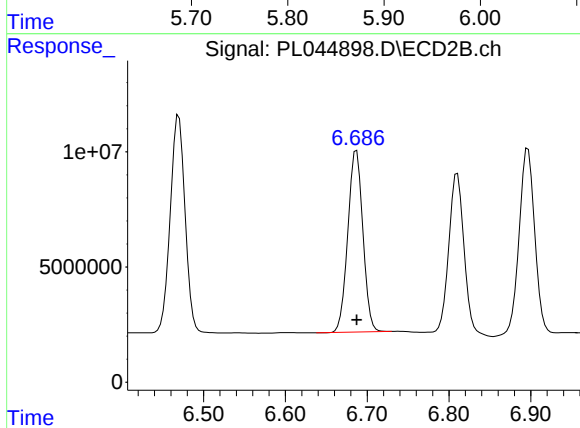
#13 Dieldrin

R.T.: 6.470 min  
Delta R.T.: 0.000 min  
Response: 119324654  
Conc: 46.25 ng/ml



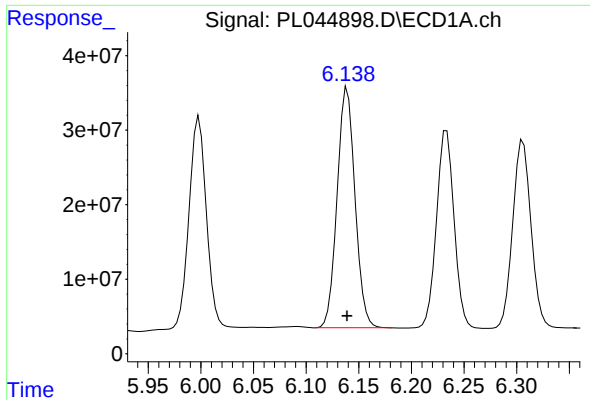
#14 Endrin

R.T.: 5.865 min  
Delta R.T.: 0.000 min  
Response: 403033519  
Conc: 46.01 ng/ml



#14 Endrin

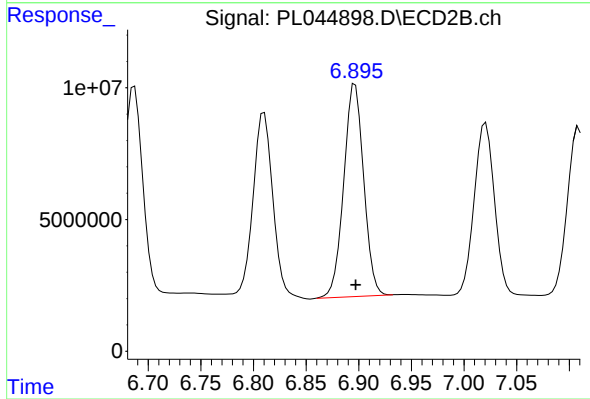
R.T.: 6.687 min  
Delta R.T.: 0.000 min  
Response: 100203962  
Conc: 44.60 ng/ml



#15 Endosulfan II

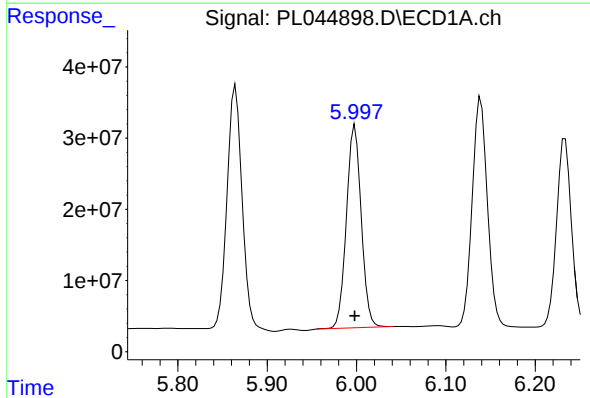
R.T.: 6.139 min  
Delta R.T.: 0.000 min  
Response: 381840269  
Conc: 45.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-004-CLEARBROOK-PILE-1



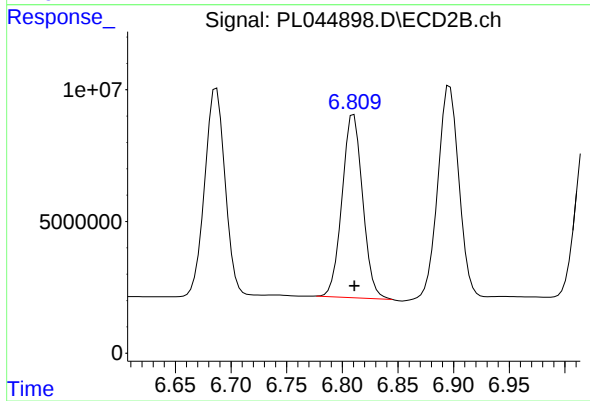
#15 Endosulfan II

R.T.: 6.897 min  
Delta R.T.: 0.000 min  
Response: 106767568  
Conc: 46.36 ng/ml



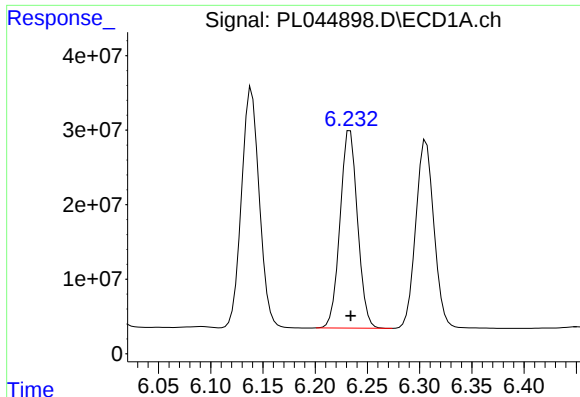
#16 4,4'-DDD

R.T.: 5.998 min  
Delta R.T.: 0.000 min  
Response: 328473305  
Conc: 45.41 ng/ml



#16 4,4'-DDD

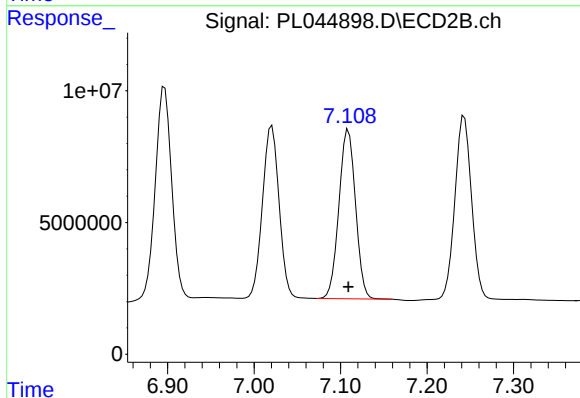
R.T.: 6.810 min  
Delta R.T.: 0.000 min  
Response: 89382229  
Conc: 46.55 ng/ml



#17 4,4'-DDT

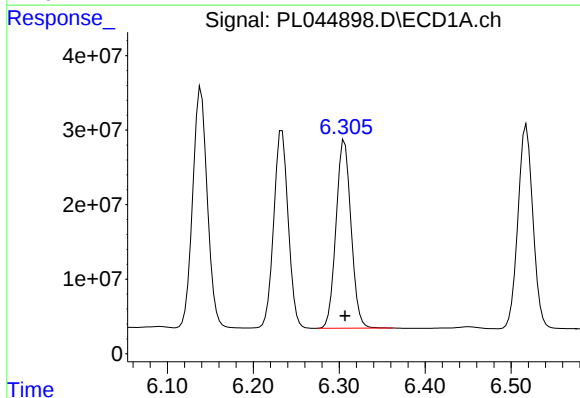
R.T.: 6.233 min  
Delta R.T.: 0.000 min  
Response: 308788492  
Conc: 43.06 ng/ml

Instrument :  
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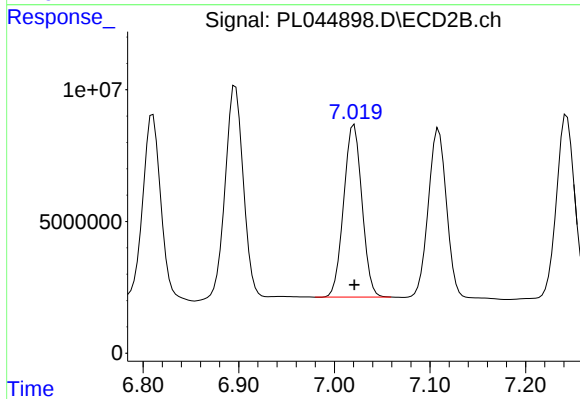
#17 4,4'-DDT

R.T.: 7.109 min  
Delta R.T.: 0.000 min  
Response: 85200733  
Conc: 43.43 ng/ml



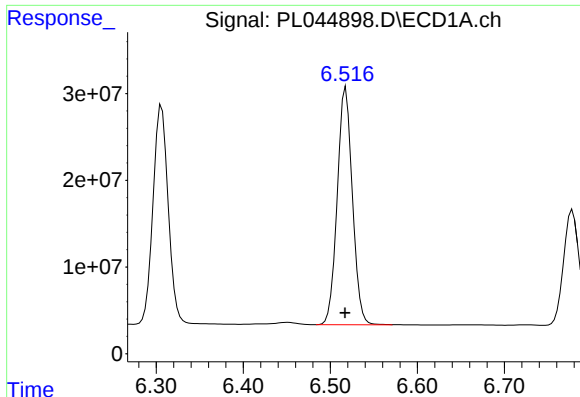
#18 Endrin aldehyde

R.T.: 6.306 min  
Delta R.T.: 0.000 min  
Response: 305936599  
Conc: 43.64 ng/ml



#18 Endrin aldehyde

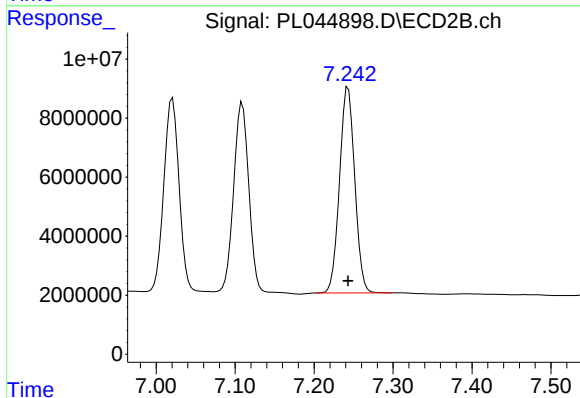
R.T.: 7.021 min  
Delta R.T.: 0.000 min  
Response: 87290566  
Conc: 43.02 ng/ml



#19 Endosulfan Sulfate

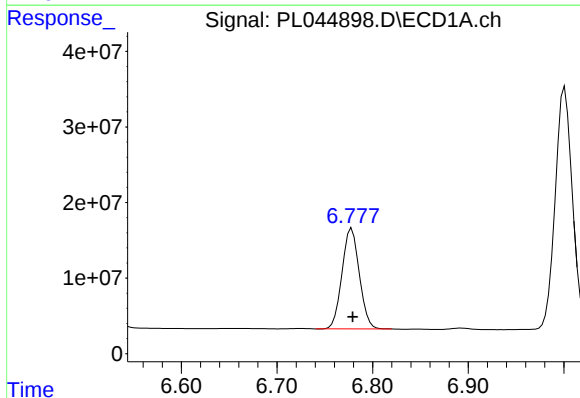
R.T.: 6.518 min  
Delta R.T.: 0.000 min  
Response: 331270712  
Conc: 45.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-004-CLEARBROOK-PILE-1



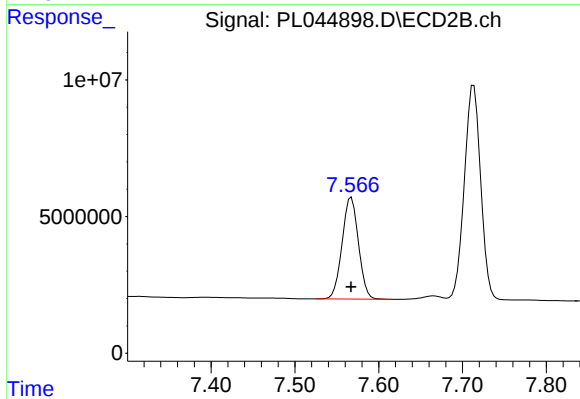
#19 Endosulfan Sulfate

R.T.: 7.243 min  
Delta R.T.: 0.000 min  
Response: 93455209  
Conc: 44.29 ng/ml



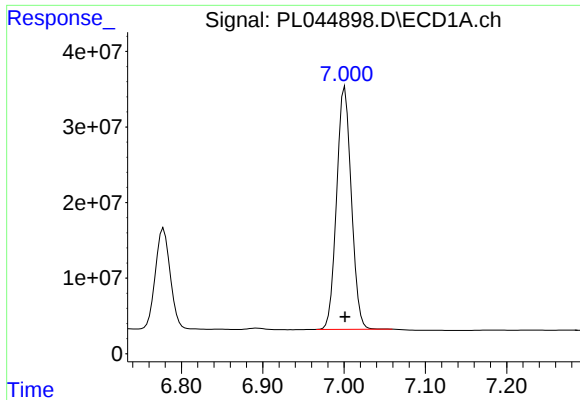
#20 Methoxychlor

R.T.: 6.778 min  
Delta R.T.: 0.000 min  
Response: 168024924  
Conc: 41.87 ng/ml



#20 Methoxychlor

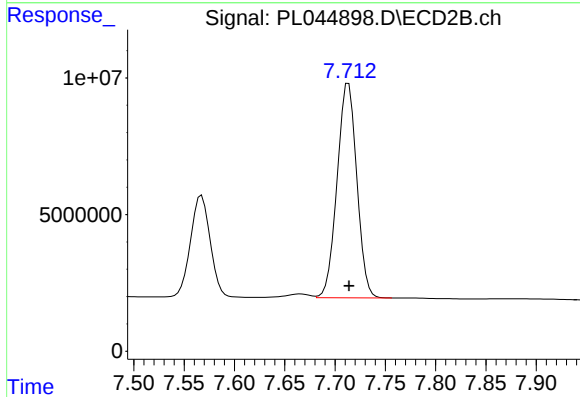
R.T.: 7.567 min  
Delta R.T.: 0.000 min  
Response: 50543792  
Conc: 42.31 ng/ml



#21 Endrin ketone

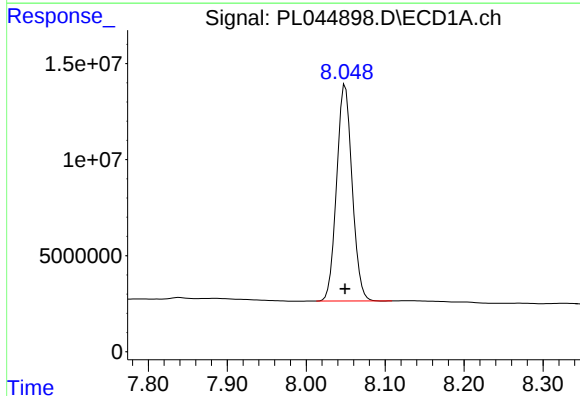
R.T.: 7.001 min  
Delta R.T.: 0.000 min  
Response: 402661437  
Conc: 48.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-004-CLEARBROOK-PILE-1



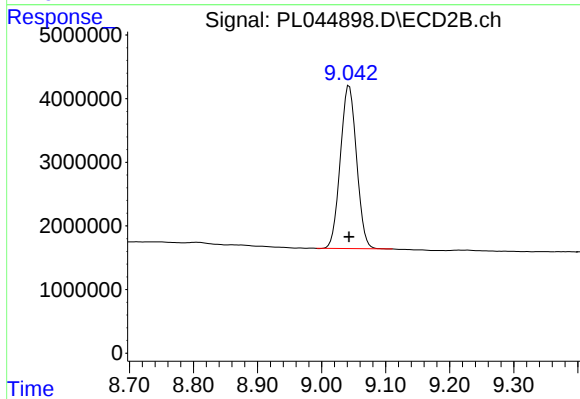
#21 Endrin ketone

R.T.: 7.713 min  
Delta R.T.: 0.000 min  
Response: 106750647  
Conc: 47.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.049 min  
Delta R.T.: 0.000 min  
Response: 153700001  
Conc: 21.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.043 min  
Delta R.T.: 0.000 min  
Response: 45016967  
Conc: 20.33 ng/ml