

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020619\  
 Data File : PL044498.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Feb 2019 21:35  
 Operator : AJ\SJ  
 Sample : K1338-02MS  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 AU-06-020519-AMS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 07 02:58:22 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... | 3.367 | 3.986 | 144.2E6 | 45623187 | 20.269 | 19.421   |
| 28)                         | SA Decachlor... | 8.050 | 9.045 | 104.7E6 | 32711202 | 14.350 | 14.769   |
| Target Compounds            |                 |       |       |         |          |        |          |
| 2)                          | A alpha-BHC     | 3.797 | 4.376 | 560.8E6 | 160.9E6  | 52.510 | 52.826   |
| 3)                          | MA gamma-BHC... | 4.074 | 4.660 | 516.1E6 | 89947234 | 52.455 | 31.047 # |
| 4)                          | MA Heptachlor   | 4.362 | 5.168 | 528.3E6 | 156.9E6  | 51.285 | 51.494   |
| 5)                          | MB Aldrin       | 4.603 | 5.472 | 490.1E6 | 137.2E6  | 50.918 | 49.526   |
| 6)                          | B beta-BHC      | 4.327 | 4.832 | 218.0E6 | 68327677 | 51.594 | 51.568   |
| 7)                          | B delta-BHC     | 4.523 | 5.048 | 441.6E6 | 102.2E6  | 54.851 | 55.907   |
| 8)                          | B Heptachlo...  | 5.041 | 5.858 | 479.7E6 | 128.3E6  | 51.548 | 51.323   |
| 9)                          | A Endosulfan I  | 5.373 | 6.215 | 448.0E6 | 129.1E6  | 51.340 | 51.049   |
| 10)                         | B gamma-Chl...  | 5.264 | 6.092 | 490.6E6 | 141.3E6  | 50.834 | 50.893   |
| 11)                         | B alpha-Chl...  | 5.320 | 6.165 | 480.8E6 | 139.5E6  | 50.283 | 50.336   |
| 12)                         | B 4,4'-DDE      | 5.487 | 6.322 | 446.0E6 | 123.6E6  | 51.430 | 51.753   |
| 13)                         | MA Dieldrin     | 5.613 | 6.472 | 488.9E6 | 134.9E6  | 52.090 | 52.303   |
| 14)                         | MA Endrin       | 5.866 | 6.689 | 458.8E6 | 114.4E6  | 52.375 | 50.920   |
| 15)                         | B Endosulfa...  | 6.140 | 6.899 | 438.6E6 | 120.6E6  | 51.872 | 52.342   |
| 16)                         | A 4,4'-DDD      | 5.999 | 6.812 | 394.3E6 | 105.5E6  | 54.505 | 54.964   |
| 17)                         | MA 4,4'-DDT     | 6.234 | 7.111 | 348.5E6 | 95953585 | 48.603 | 48.911   |
| 18)                         | B Endrin al...  | 6.307 | 7.023 | 355.4E6 | 100.5E6  | 50.695 | 49.520   |
| 19)                         | B Endosulfa...  | 6.519 | 7.245 | 388.7E6 | 107.1E6  | 53.489 | 50.749   |
| 20)                         | A Methoxychlor  | 6.779 | 7.568 | 197.0E6 | 57399900 | 49.079 | 48.045   |
| 21)                         | B Endrin ke...  | 7.002 | 7.715 | 442.3E6 | 117.5E6  | 53.155 | 51.788   |
| -----                       |                 |       |       |         |          |        |          |

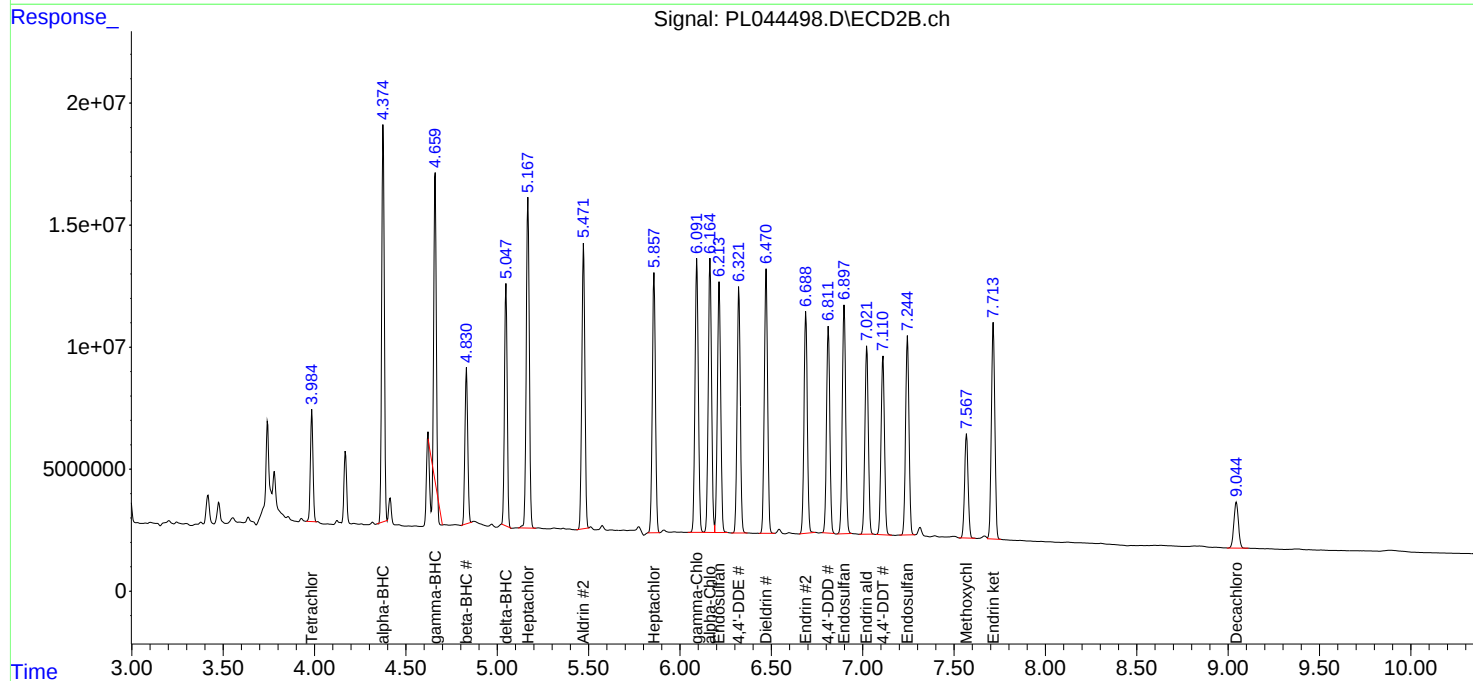
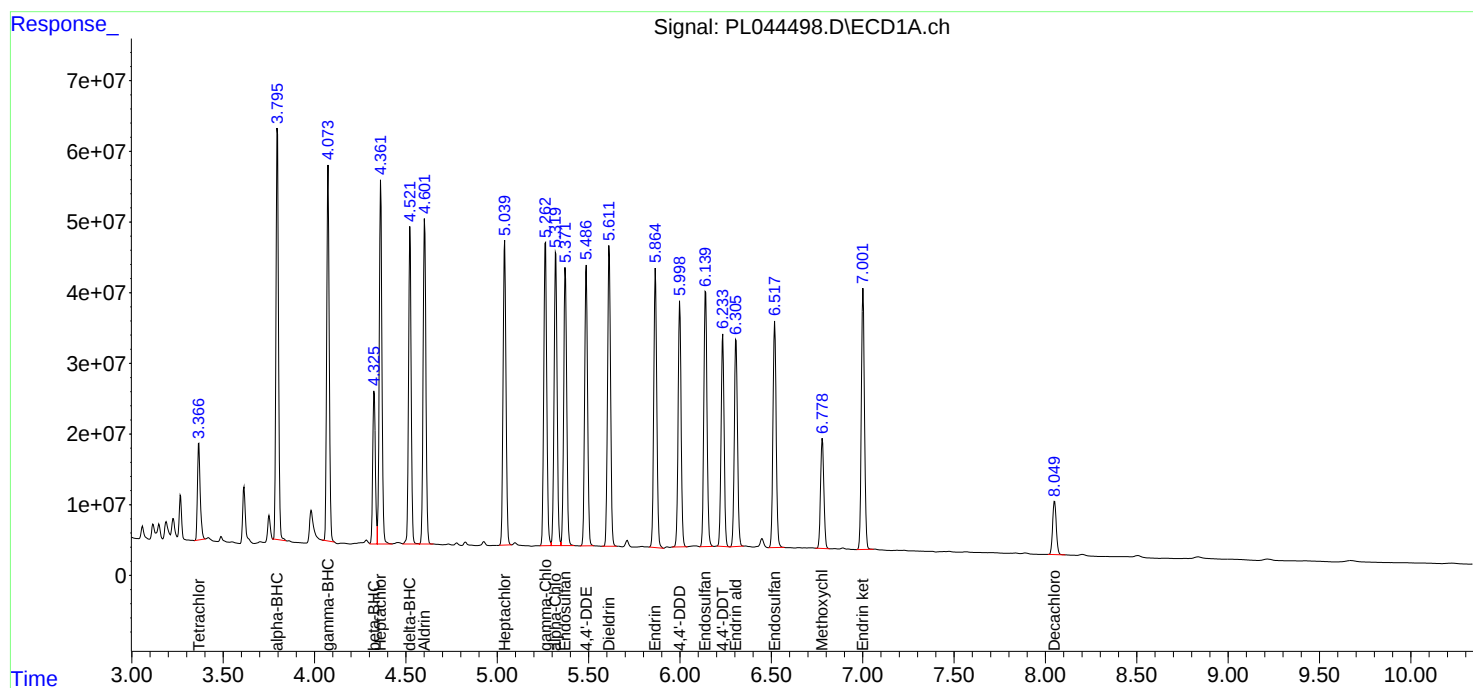
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

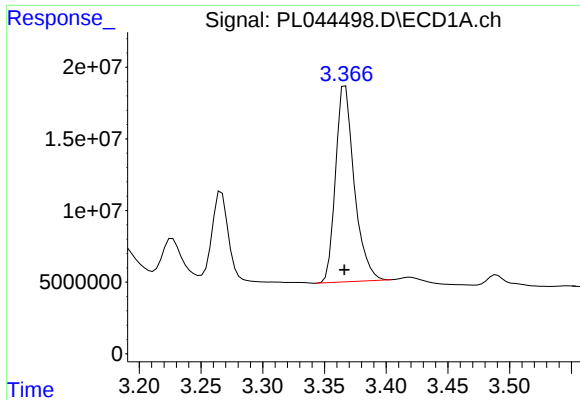
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020619\  
Data File : PL044498.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Feb 2019 21:35  
Operator : AJ\SJ  
Sample : K1338-02MS  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
AU-06-020519-AMS

Integration File signal 1: autoint1.e  
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Quant Time: Feb 07 02:58:22 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020619.M  
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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

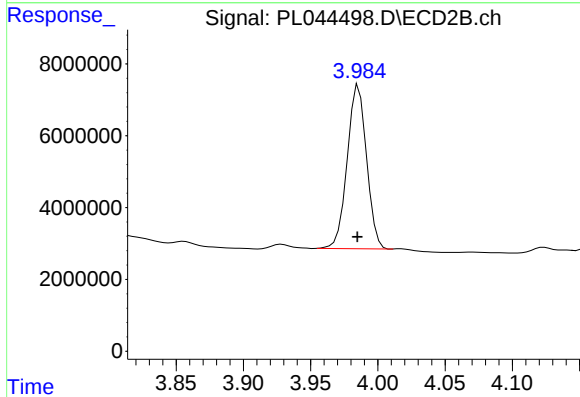




#1 Tetrachloro-m-xylene

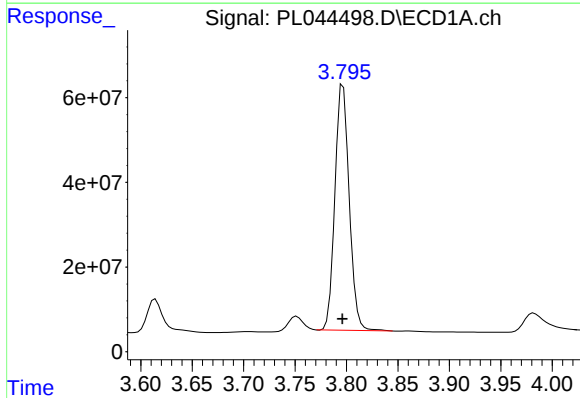
R.T.: 3.367 min  
Delta R.T.: 0.000 min  
Response: 144230808  
Conc: 20.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
AU-06-020519-AMS



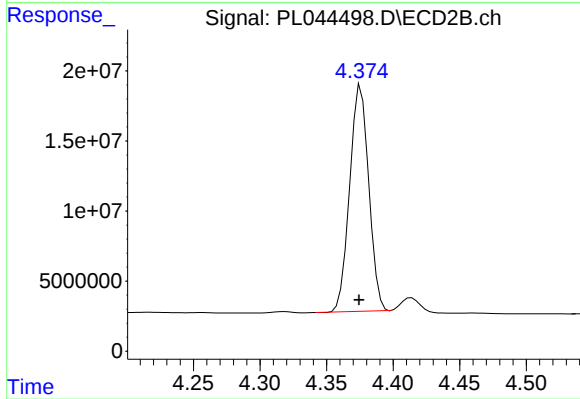
#1 Tetrachloro-m-xylene

R.T.: 3.986 min  
Delta R.T.: 0.000 min  
Response: 45623187  
Conc: 19.42 ng/ml



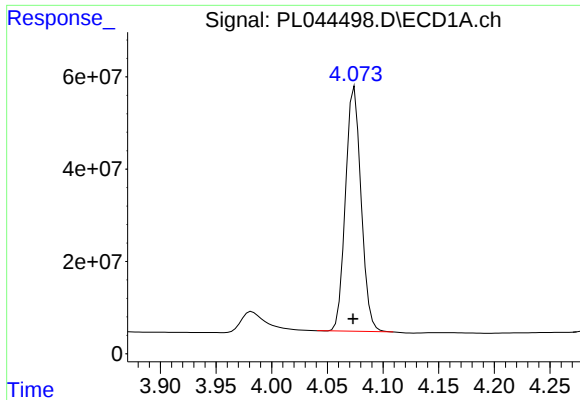
#2 alpha-BHC

R.T.: 3.797 min  
Delta R.T.: 0.000 min  
Response: 560813586  
Conc: 52.51 ng/ml



#2 alpha-BHC

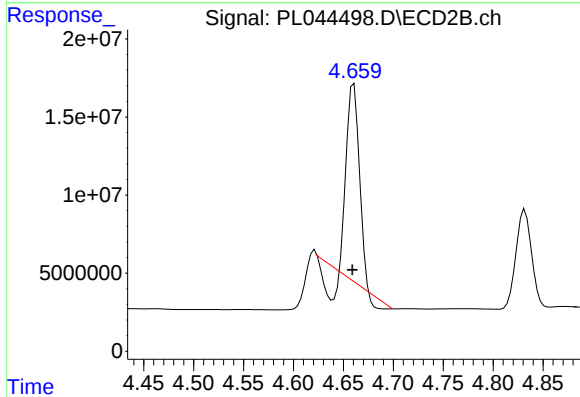
R.T.: 4.376 min  
Delta R.T.: 0.001 min  
Response: 160913547  
Conc: 52.83 ng/ml



#3 gamma-BHC (Lindane)

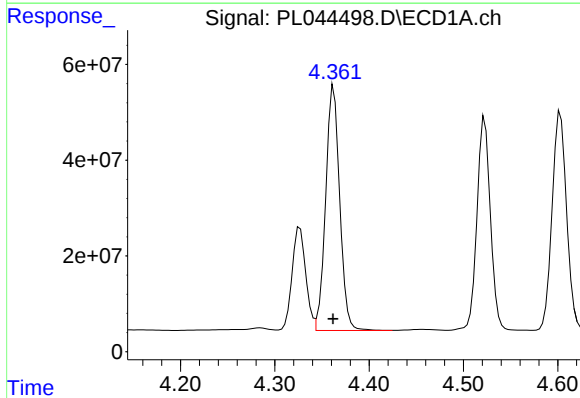
R.T.: 4.074 min  
Delta R.T.: 0.001 min  
Response: 516085189  
Conc: 52.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
AU-06-020519-AMS



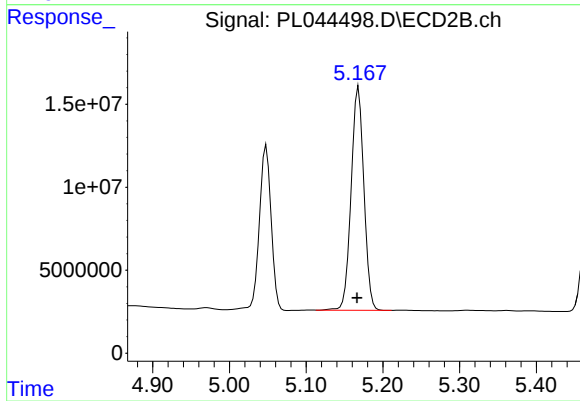
#3 gamma-BHC (Lindane)

R.T.: 4.660 min  
Delta R.T.: 0.001 min  
Response: 89947234  
Conc: 31.05 ng/ml



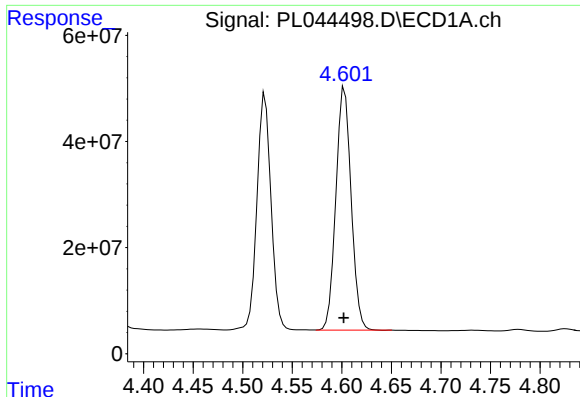
#4 Heptachlor

R.T.: 4.362 min  
Delta R.T.: 0.000 min  
Response: 528319184  
Conc: 51.29 ng/ml



#4 Heptachlor

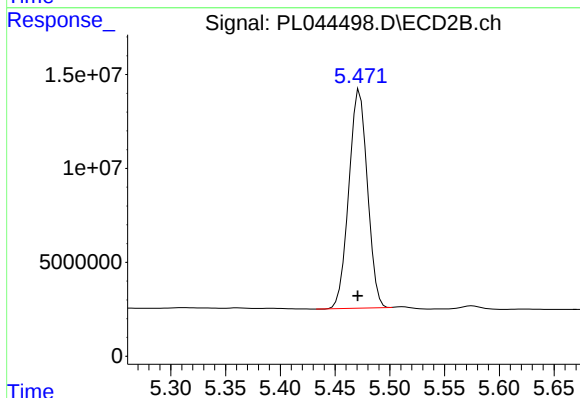
R.T.: 5.168 min  
Delta R.T.: 0.002 min  
Response: 156853487  
Conc: 51.49 ng/ml



#5 Aldrin

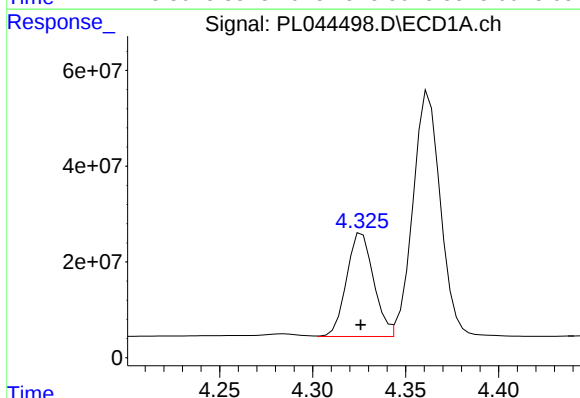
R.T.: 4.603 min  
Delta R.T.: 0.001 min  
Response: 490119082  
Conc: 50.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
AU-06-020519-AMS



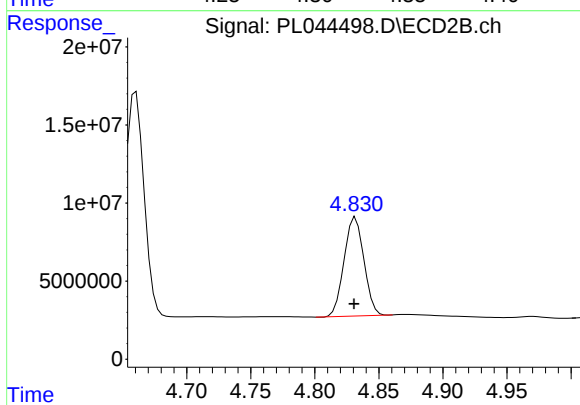
#5 Aldrin

R.T.: 5.472 min  
Delta R.T.: 0.002 min  
Response: 137239206  
Conc: 49.53 ng/ml



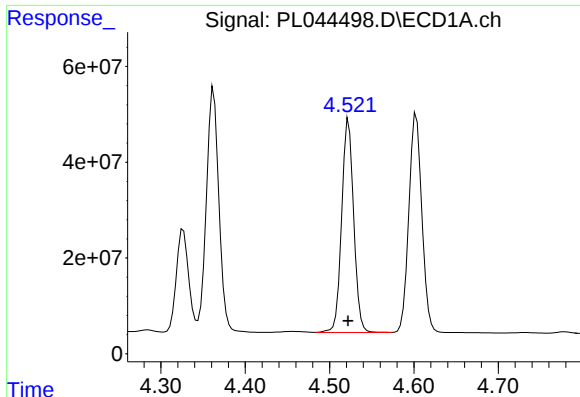
#6 beta-BHC

R.T.: 4.327 min  
Delta R.T.: 0.000 min  
Response: 218011877  
Conc: 51.59 ng/ml



#6 beta-BHC

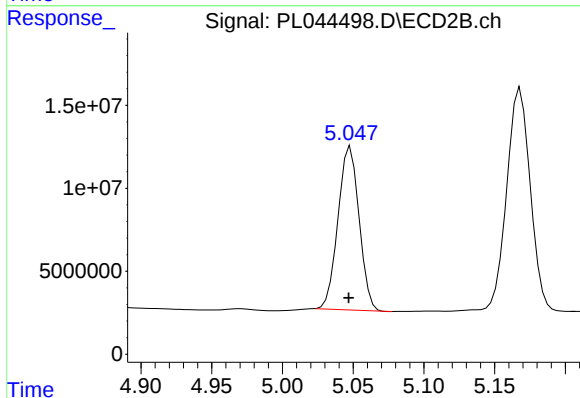
R.T.: 4.832 min  
Delta R.T.: 0.001 min  
Response: 68327677  
Conc: 51.57 ng/ml



#7 delta-BHC

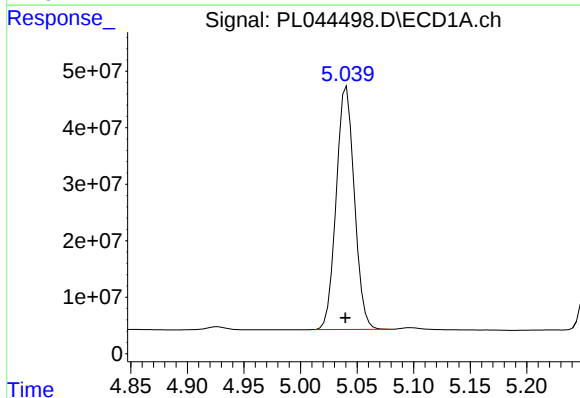
R.T.: 4.523 min  
Delta R.T.: 0.000 min  
Response: 441551157  
Conc: 54.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
AU-06-020519-AMS



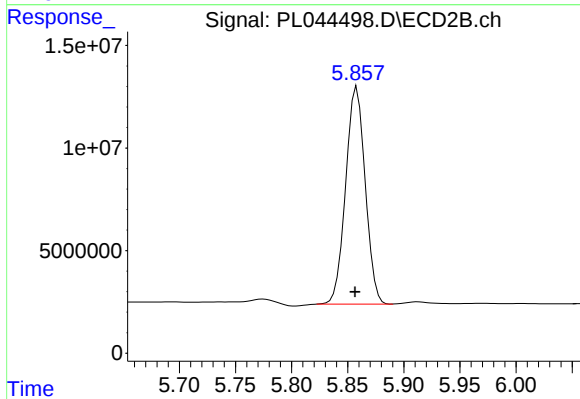
#7 delta-BHC

R.T.: 5.048 min  
Delta R.T.: 0.001 min  
Response: 102230179  
Conc: 55.91 ng/ml



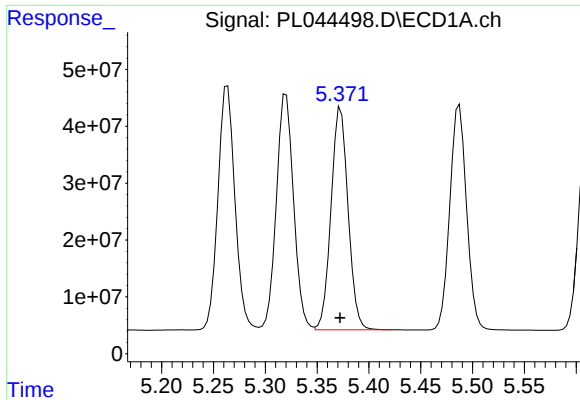
#8 Heptachlor epoxide

R.T.: 5.041 min  
Delta R.T.: 0.001 min  
Response: 479652067  
Conc: 51.55 ng/ml



#8 Heptachlor epoxide

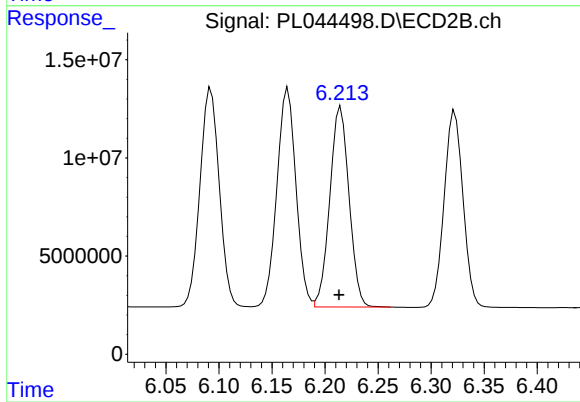
R.T.: 5.858 min  
Delta R.T.: 0.002 min  
Response: 128336759  
Conc: 51.32 ng/ml



#9 Endosulfan I

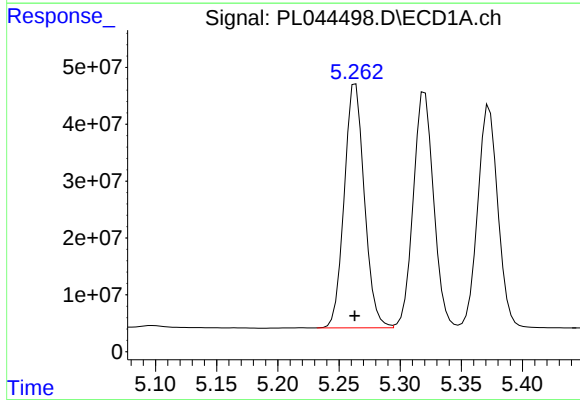
R.T.: 5.373 min  
Delta R.T.: 0.000 min  
Response: 448042237  
Conc: 51.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
AU-06-020519-AMS



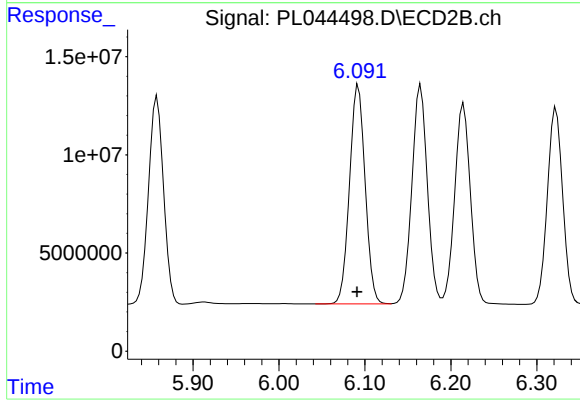
#9 Endosulfan I

R.T.: 6.215 min  
Delta R.T.: 0.002 min  
Response: 129147187  
Conc: 51.05 ng/ml



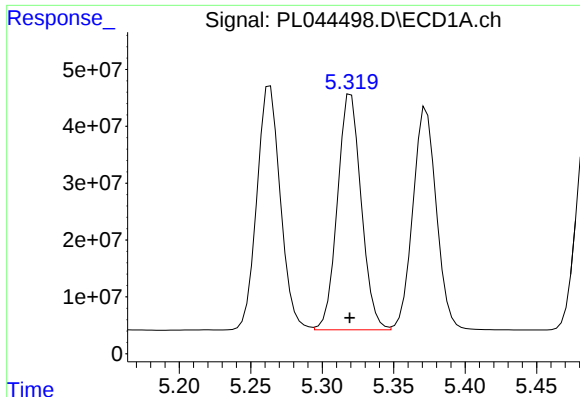
#10 gamma-Chlordane

R.T.: 5.264 min  
Delta R.T.: 0.000 min  
Response: 490601053  
Conc: 50.83 ng/ml



#10 gamma-Chlordane

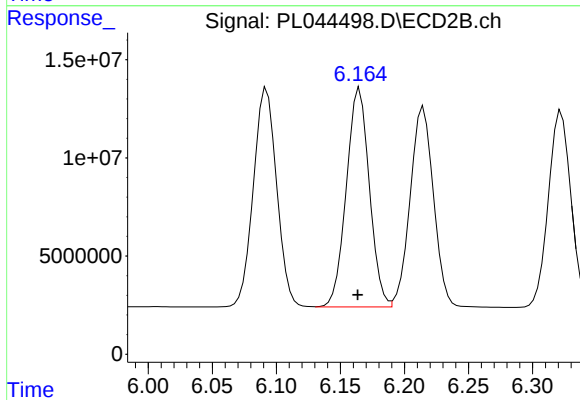
R.T.: 6.092 min  
Delta R.T.: 0.002 min  
Response: 141284840  
Conc: 50.89 ng/ml



#11 alpha-Chlordane

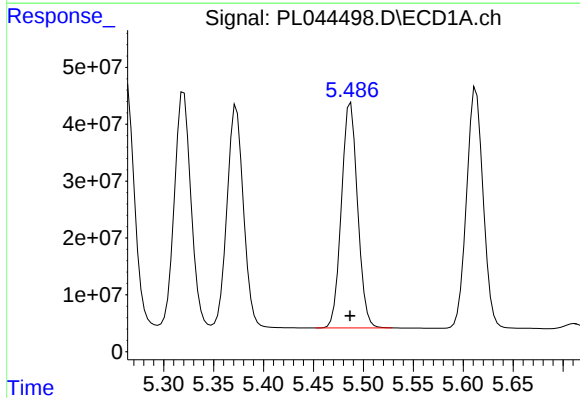
R.T.: 5.320 min  
Delta R.T.: 0.000 min  
Response: 480767463  
Conc: 50.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
AU-06-020519-AMS



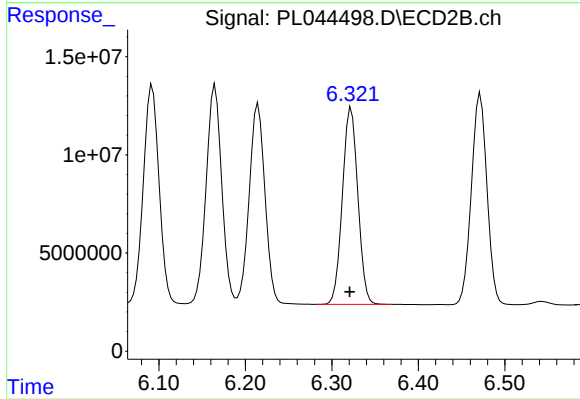
#11 alpha-Chlordane

R.T.: 6.165 min  
Delta R.T.: 0.001 min  
Response: 139472479  
Conc: 50.34 ng/ml



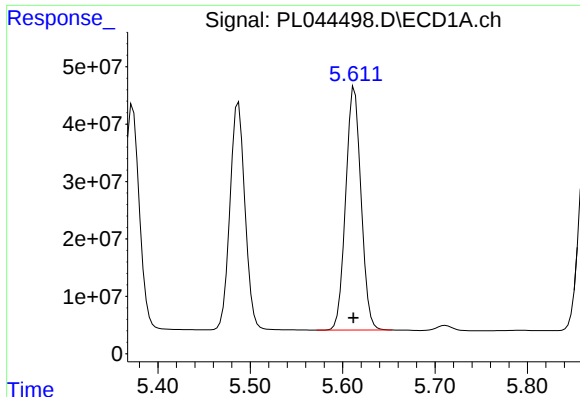
#12 4,4'-DDE

R.T.: 5.487 min  
Delta R.T.: 0.000 min  
Response: 446011459  
Conc: 51.43 ng/ml



#12 4,4'-DDE

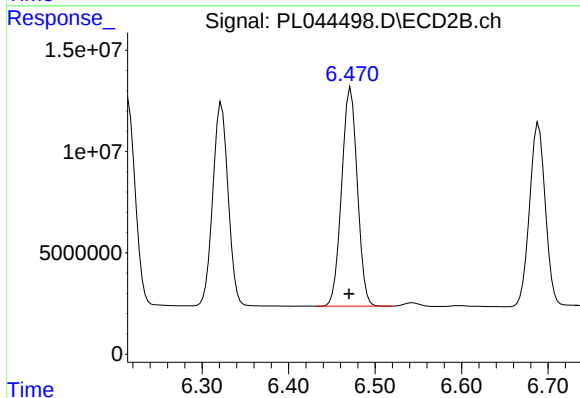
R.T.: 6.322 min  
Delta R.T.: 0.002 min  
Response: 123569825  
Conc: 51.75 ng/ml



#13 Dieldrin

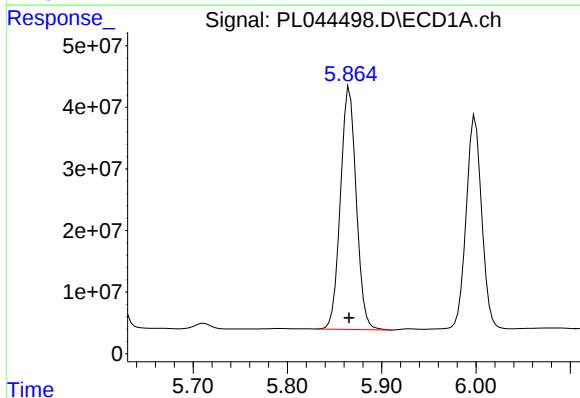
R.T.: 5.613 min  
Delta R.T.: 0.001 min  
Response: 488898150  
Conc: 52.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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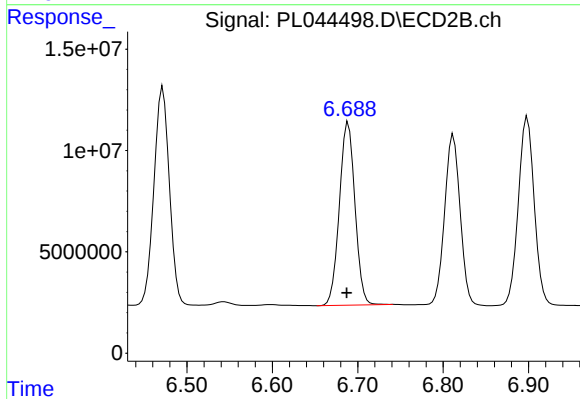
#13 Dieldrin

R.T.: 6.472 min  
Delta R.T.: 0.002 min  
Response: 134935386  
Conc: 52.30 ng/ml



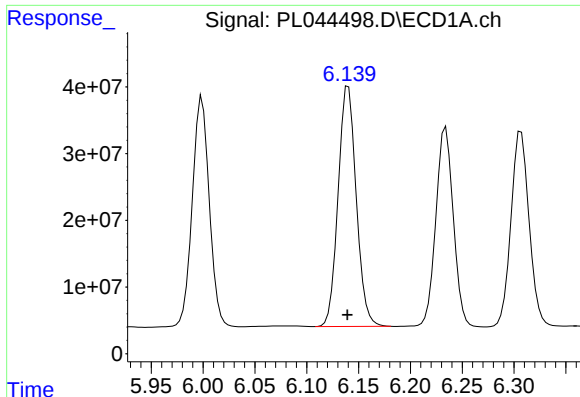
#14 Endrin

R.T.: 5.866 min  
Delta R.T.: 0.000 min  
Response: 458819193  
Conc: 52.38 ng/ml



#14 Endrin

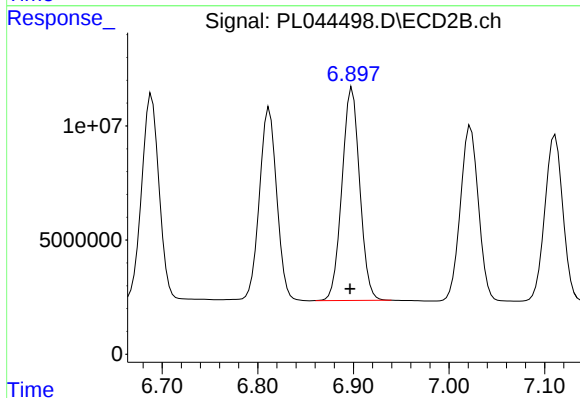
R.T.: 6.689 min  
Delta R.T.: 0.002 min  
Response: 114413870  
Conc: 50.92 ng/ml



#15 Endosulfan II

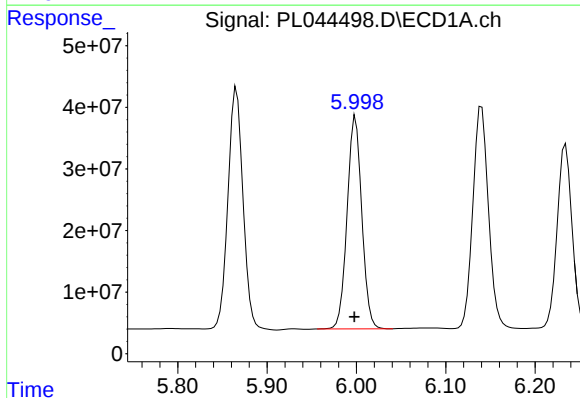
R.T.: 6.140 min  
Delta R.T.: 0.000 min  
Response: 438607999  
Conc: 51.87 ng/ml

Instrument :  
ECD\_L  
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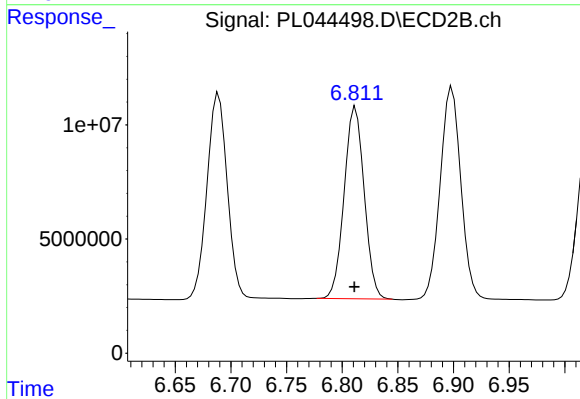
#15 Endosulfan II

R.T.: 6.899 min  
Delta R.T.: 0.002 min  
Response: 120554806  
Conc: 52.34 ng/ml



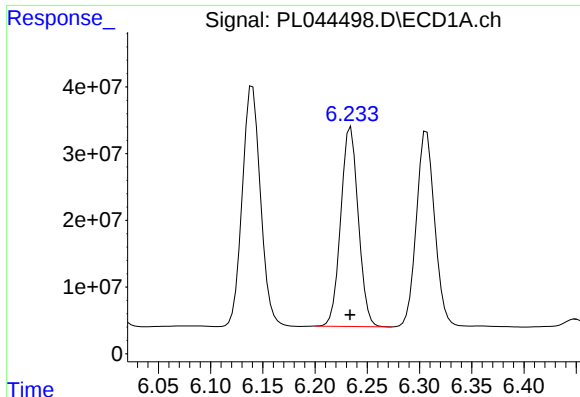
#16 4,4'-DDD

R.T.: 5.999 min  
Delta R.T.: 0.001 min  
Response: 394298827  
Conc: 54.50 ng/ml



#16 4,4'-DDD

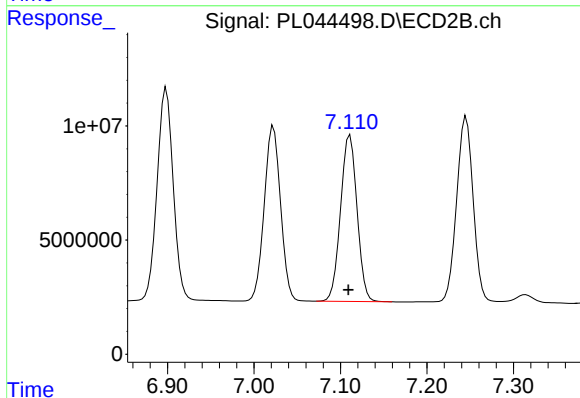
R.T.: 6.812 min  
Delta R.T.: 0.001 min  
Response: 105538966  
Conc: 54.96 ng/ml



#17 4,4'-DDT

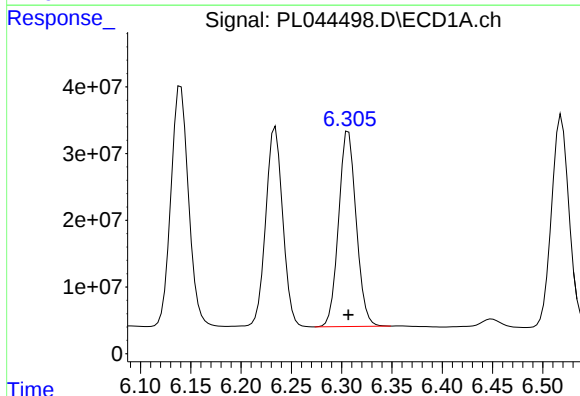
R.T.: 6.234 min  
Delta R.T.: 0.000 min  
Response: 348548187  
Conc: 48.60 ng/ml

Instrument :  
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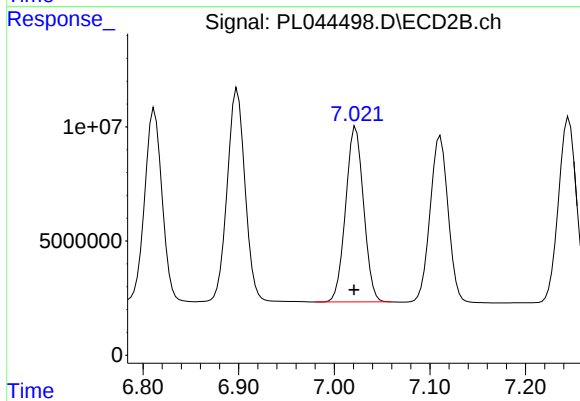
#17 4,4'-DDT

R.T.: 7.111 min  
Delta R.T.: 0.002 min  
Response: 95953585  
Conc: 48.91 ng/ml



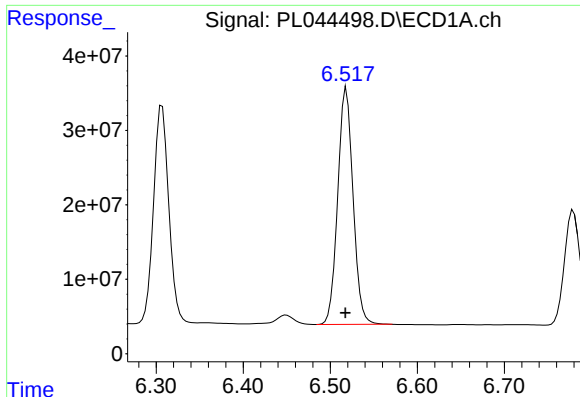
#18 Endrin aldehyde

R.T.: 6.307 min  
Delta R.T.: 0.000 min  
Response: 355396941  
Conc: 50.70 ng/ml



#18 Endrin aldehyde

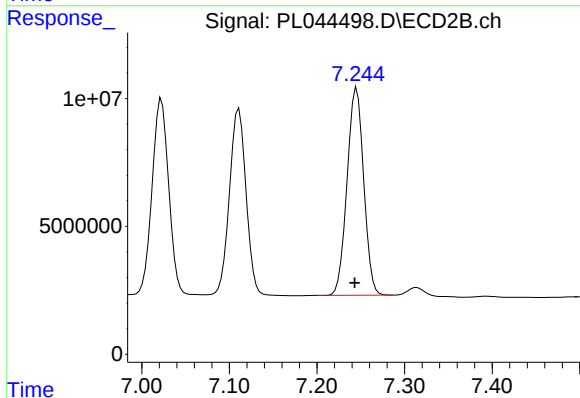
R.T.: 7.023 min  
Delta R.T.: 0.002 min  
Response: 100470719  
Conc: 49.52 ng/ml



#19 Endosulfan Sulfate

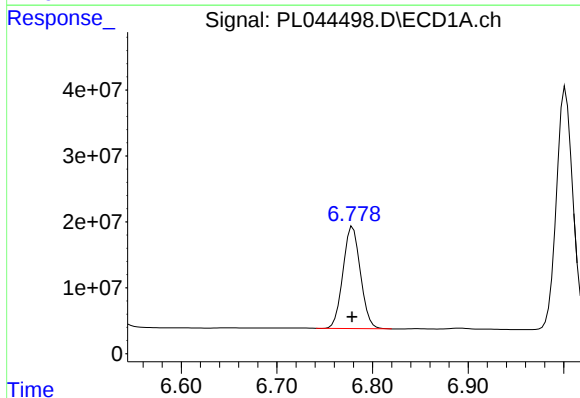
R.T.: 6.519 min  
Delta R.T.: 0.001 min  
Response: 388749170  
Conc: 53.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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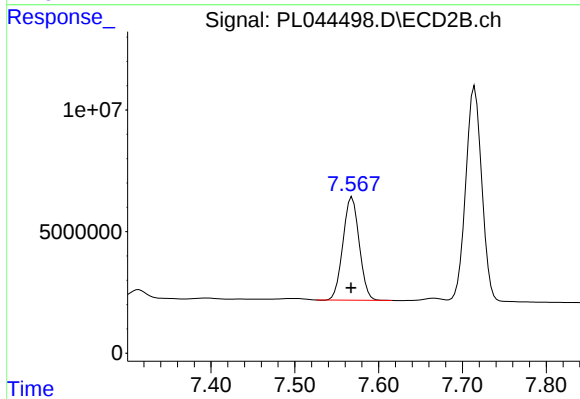
#19 Endosulfan Sulfate

R.T.: 7.245 min  
Delta R.T.: 0.002 min  
Response: 107079314  
Conc: 50.75 ng/ml



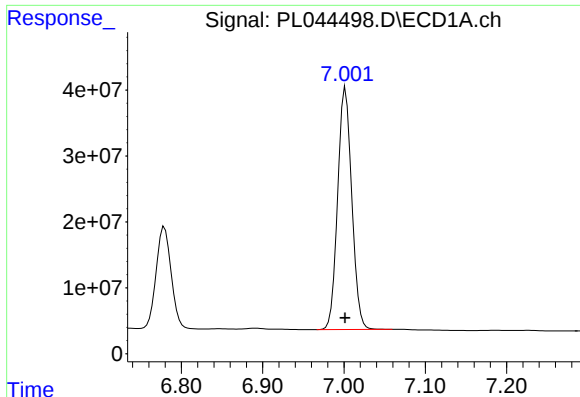
#20 Methoxychlor

R.T.: 6.779 min  
Delta R.T.: 0.000 min  
Response: 196955814  
Conc: 49.08 ng/ml



#20 Methoxychlor

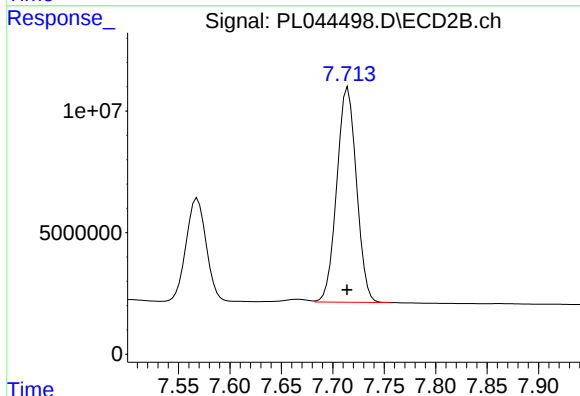
R.T.: 7.568 min  
Delta R.T.: 0.001 min  
Response: 57399900  
Conc: 48.04 ng/ml



#21 Endrin ketone

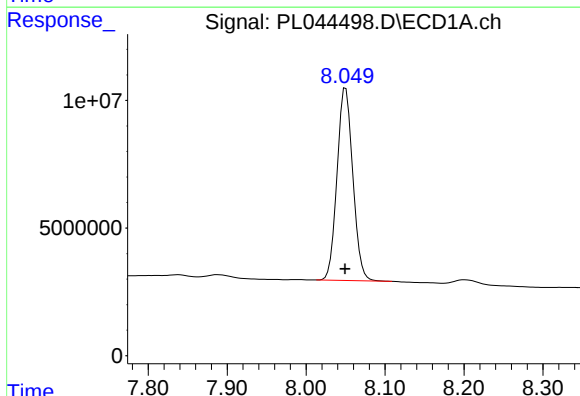
R.T.: 7.002 min  
Delta R.T.: 0.000 min  
Response: 442259085  
Conc: 53.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
AU-06-020519-AMS



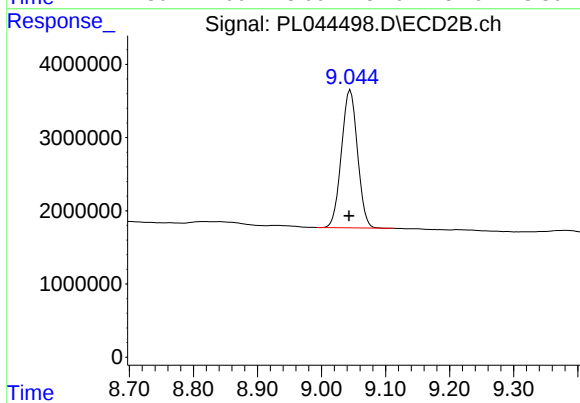
#21 Endrin ketone

R.T.: 7.715 min  
Delta R.T.: 0.000 min  
Response: 117536128  
Conc: 51.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.050 min  
Delta R.T.: 0.000 min  
Response: 104660365  
Conc: 14.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.045 min  
Delta R.T.: 0.002 min  
Response: 32711202  
Conc: 14.77 ng/ml