

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102824\  
 Data File : PL092670.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Oct 2024 18:03  
 Operator : AR\AJ  
 Sample : PSTDICV050  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 ICVPL102824

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 28 18:20:57 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 17:19:58 2024  
 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... | 3.540 | 2.778 | 119.9E6  | 136.6E6  | 48.932 | 50.204 |
| 28)                         | SA Decachlor... | 9.054 | 7.916 | 94182239 | 139.9E6  | 48.937 | 51.259 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.996 | 3.281 | 167.5E6  | 204.0E6  | 49.379 | 51.127 |
| 3)                          | MA gamma-BHC... | 4.328 | 3.611 | 160.1E6  | 197.4E6  | 49.125 | 51.136 |
| 4)                          | MA Heptachlor   | 4.916 | 3.950 | 147.0E6  | 192.1E6  | 48.942 | 50.906 |
| 5)                          | MB Aldrin       | 5.258 | 4.230 | 145.8E6  | 187.4E6  | 48.580 | 51.194 |
| 6)                          | B beta-BHC      | 4.526 | 3.911 | 70600682 | 82244973 | 48.843 | 49.959 |
| 7)                          | B delta-BHC     | 4.773 | 4.140 | 153.4E6  | 196.7E6  | 49.025 | 51.190 |
| 8)                          | B Heptachlo...  | 5.684 | 4.732 | 133.1E6  | 169.7E6  | 48.213 | 50.772 |
| 9)                          | A Endosulfan I  | 6.069 | 5.102 | 121.8E6  | 154.2E6  | 48.702 | 50.518 |
| 10)                         | B gamma-Chl...  | 5.941 | 4.982 | 129.8E6  | 169.3E6  | 48.769 | 50.359 |
| 11)                         | B alpha-Chl...  | 6.019 | 5.046 | 129.4E6  | 167.6E6  | 48.847 | 50.380 |
| 12)                         | B 4,4'-DDE      | 6.193 | 5.235 | 116.5E6  | 164.4E6  | 49.166 | 51.019 |
| 13)                         | MA Dieldrin     | 6.345 | 5.366 | 129.0E6  | 171.0E6  | 48.947 | 51.185 |
| 14)                         | MA Endrin       | 6.575 | 5.642 | 110.2E6  | 147.7E6  | 48.393 | 51.063 |
| 15)                         | B Endosulfa...  | 6.794 | 5.937 | 115.4E6  | 145.0E6  | 48.417 | 51.175 |
| 16)                         | A 4,4'-DDD      | 6.710 | 5.790 | 95447383 | 127.7E6  | 49.724 | 51.292 |
| 17)                         | MA 4,4'-DDT     | 7.024 | 6.040 | 102.8E6  | 137.5E6  | 49.676 | 51.253 |
| 18)                         | B Endrin al...  | 6.924 | 6.116 | 91870810 | 116.2E6  | 48.920 | 50.348 |
| 19)                         | B Endosulfa...  | 7.159 | 6.339 | 106.0E6  | 136.5E6  | 48.859 | 50.601 |
| 20)                         | A Methoxychlor  | 7.500 | 6.615 | 57010538 | 73335025 | 50.009 | 51.354 |
| 21)                         | B Endrin ke...  | 7.644 | 6.844 | 118.9E6  | 157.6E6  | 49.074 | 51.358 |
| 22)                         | Mirex           | 8.117 | 7.025 | 96541027 | 131.1E6  | 48.716 | 50.260 |

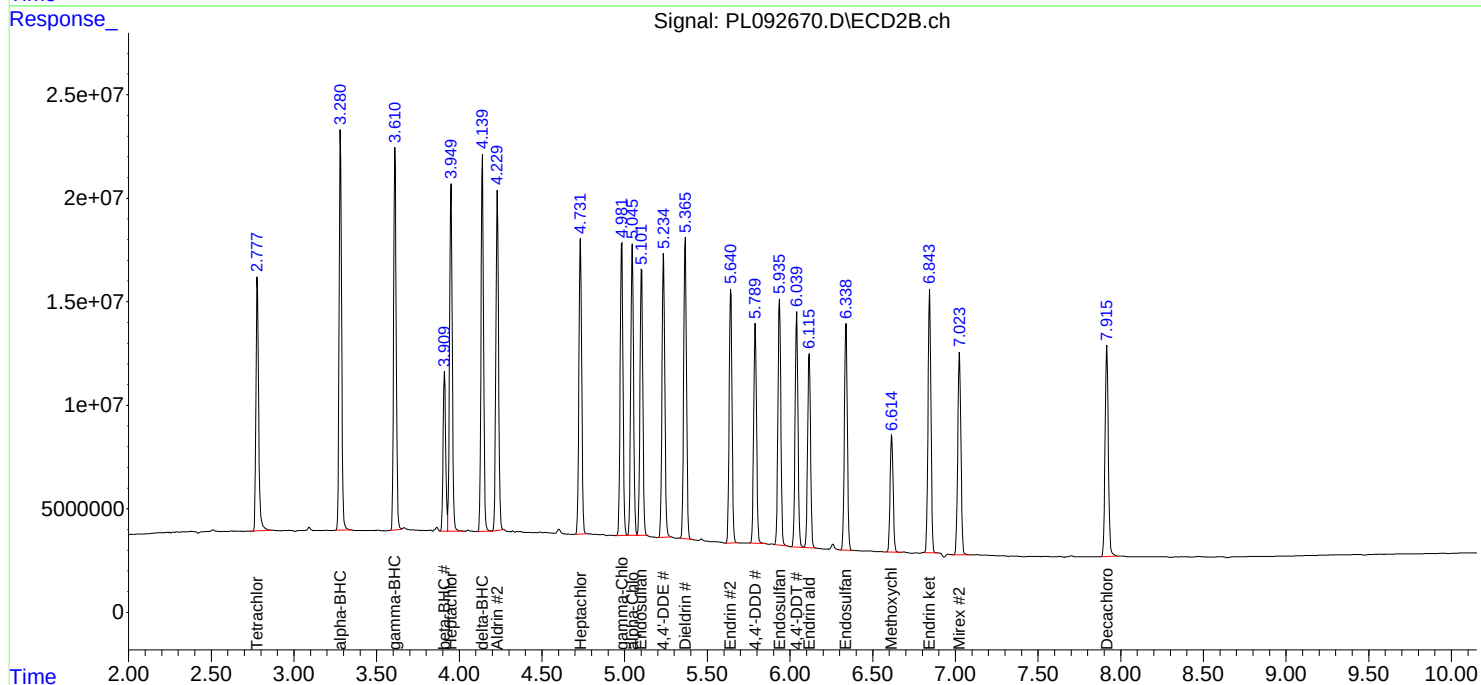
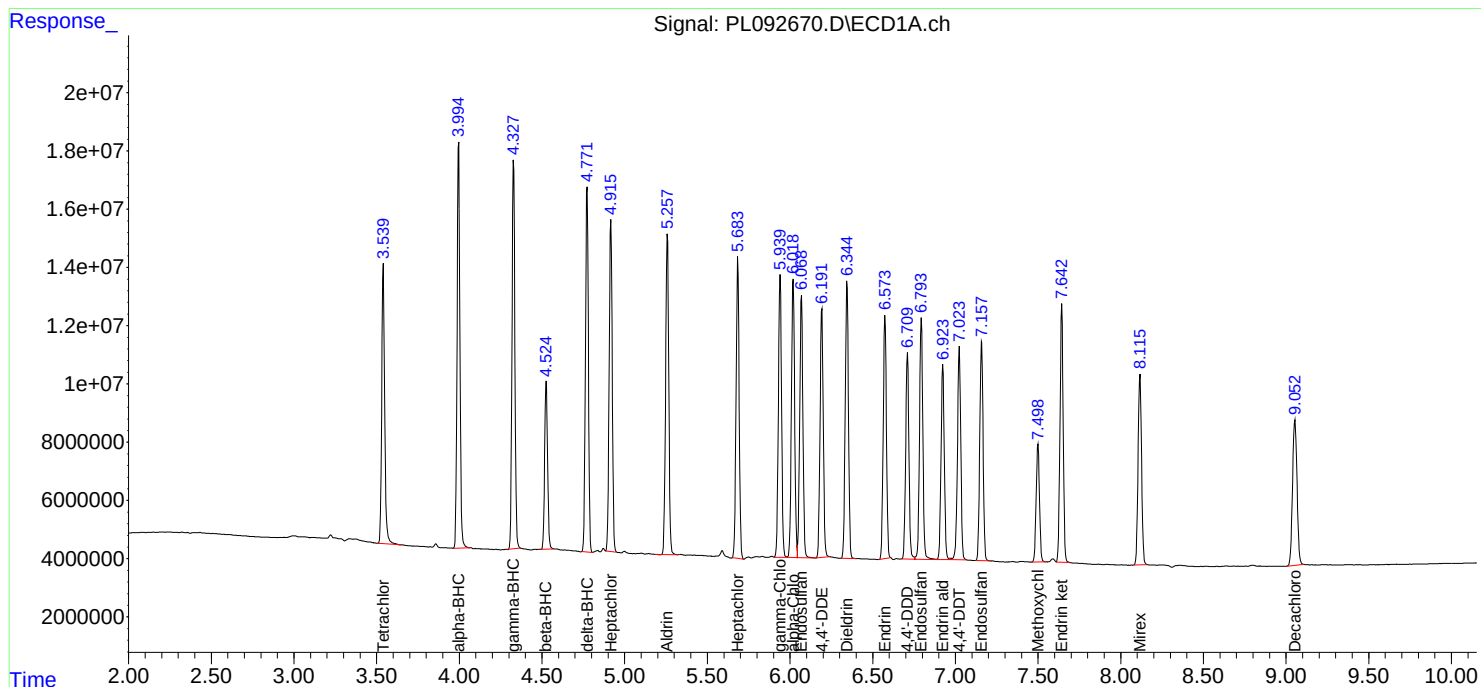
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

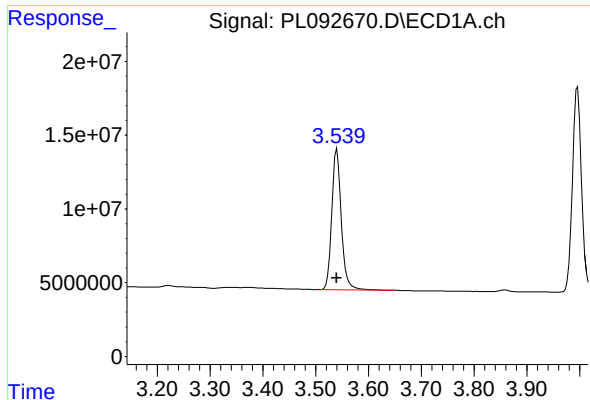
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102824\  
Data File : PL092670.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Oct 2024 18:03  
Operator : AR\AJ  
Sample : PSTDICV050  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL102824

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 28 18:20:57 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 17:19:58 2024  
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

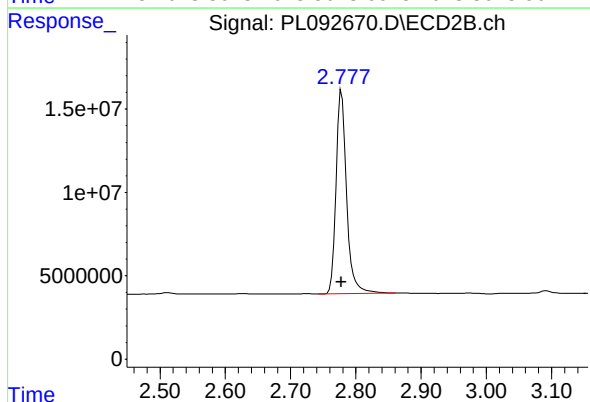




#1 Tetrachloro-m-xylene

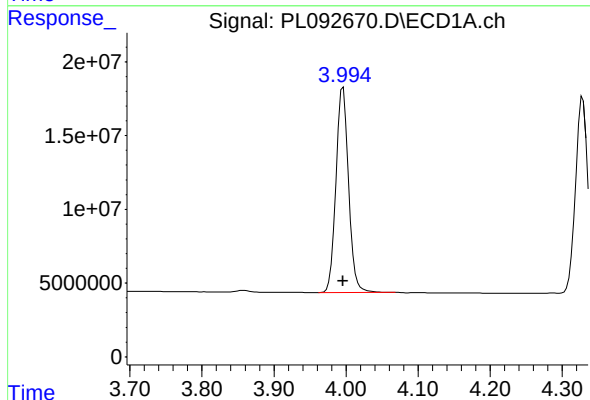
R.T.: 3.540 min  
Delta R.T.: 0.000 min  
Response: 119894040  
Conc: 48.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL102824



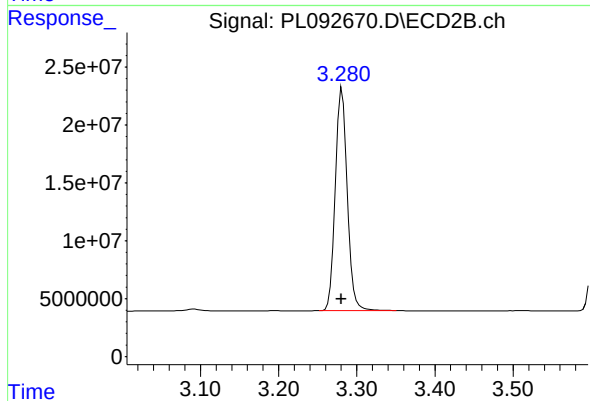
#1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: 0.000 min  
Response: 136612875  
Conc: 50.20 ng/ml



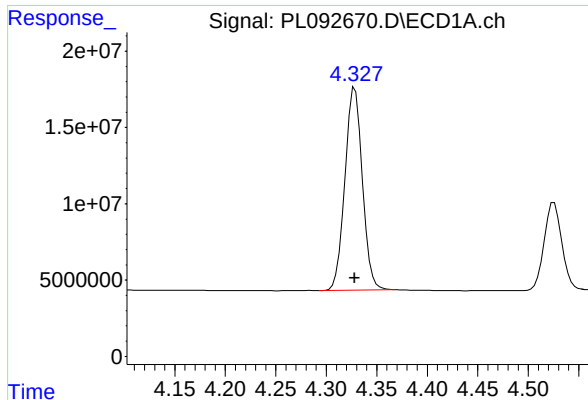
#2 alpha-BHC

R.T.: 3.996 min  
Delta R.T.: 0.000 min  
Response: 167471945  
Conc: 49.38 ng/ml



#2 alpha-BHC

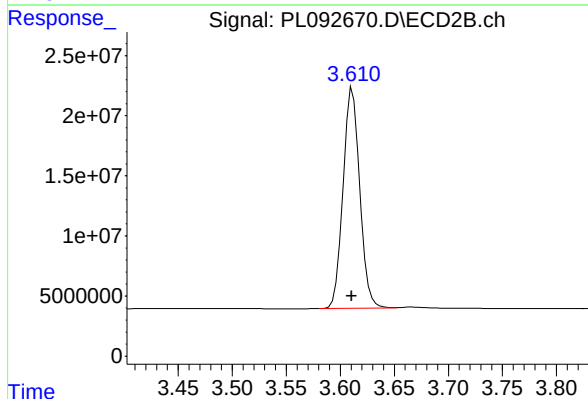
R.T.: 3.281 min  
Delta R.T.: 0.000 min  
Response: 204007265  
Conc: 51.13 ng/ml



#3 gamma-BHC (Lindane)

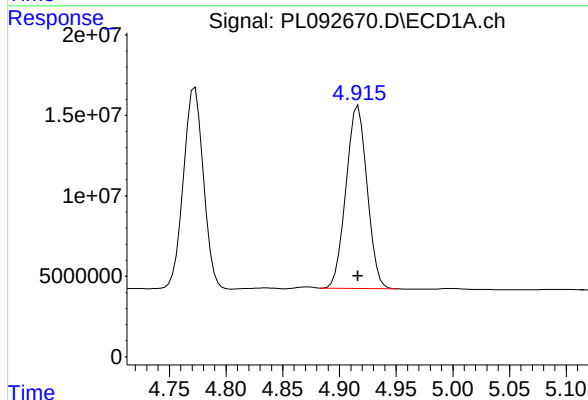
R.T.: 4.328 min  
Delta R.T.: 0.000 min  
Response: 160127339  
Conc: 49.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL102824



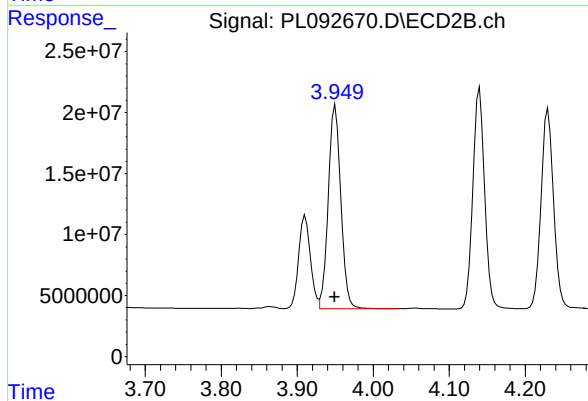
#3 gamma-BHC (Lindane)

R.T.: 3.611 min  
Delta R.T.: 0.000 min  
Response: 197357198  
Conc: 51.14 ng/ml



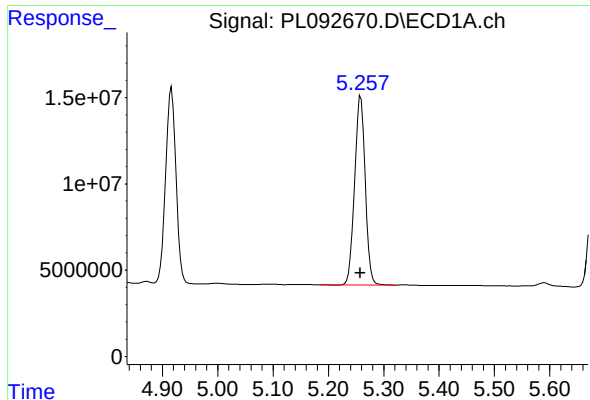
#4 Heptachlor

R.T.: 4.916 min  
Delta R.T.: 0.000 min  
Response: 146978729  
Conc: 48.94 ng/ml



#4 Heptachlor

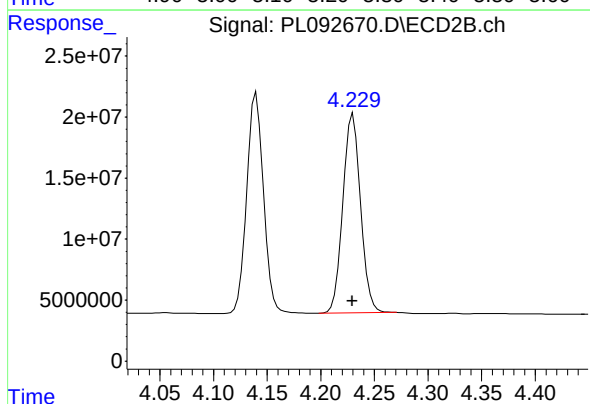
R.T.: 3.950 min  
Delta R.T.: 0.000 min  
Response: 192115939  
Conc: 50.91 ng/ml



#5 Aldrin

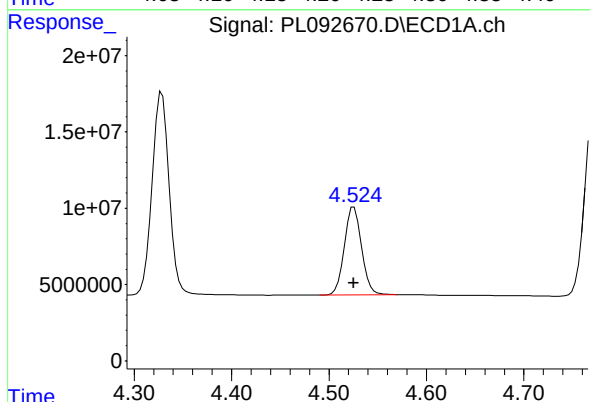
R.T.: 5.258 min  
Delta R.T.: 0.000 min  
Response: 145812041  
Conc: 48.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL102824



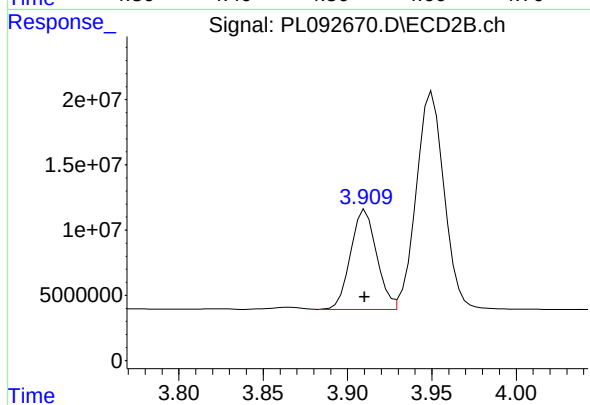
#5 Aldrin

R.T.: 4.230 min  
Delta R.T.: 0.000 min  
Response: 187380758  
Conc: 51.19 ng/ml



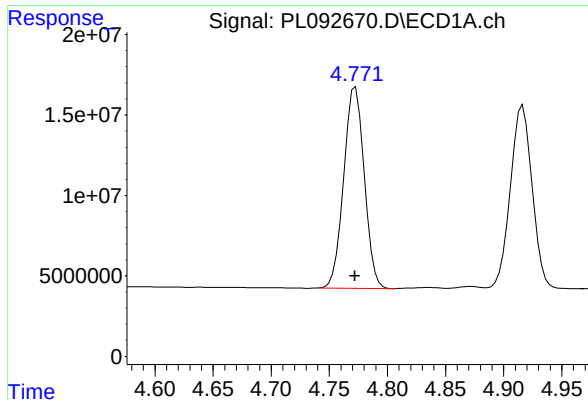
#6 beta-BHC

R.T.: 4.526 min  
Delta R.T.: 0.000 min  
Response: 70600682  
Conc: 48.84 ng/ml



#6 beta-BHC

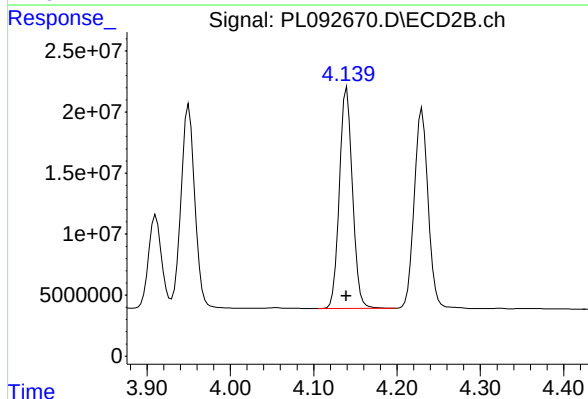
R.T.: 3.911 min  
Delta R.T.: 0.000 min  
Response: 82244973  
Conc: 49.96 ng/ml



#7 delta-BHC

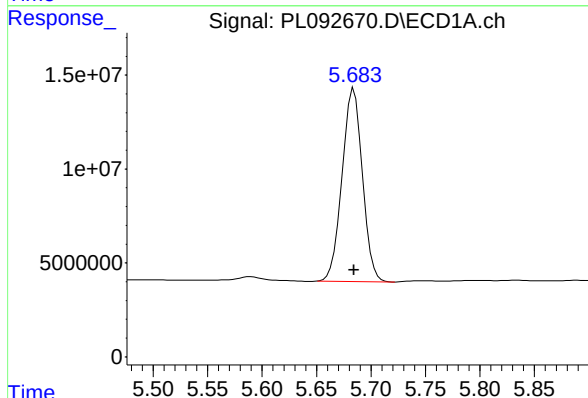
R.T.: 4.773 min  
Delta R.T.: 0.000 min  
Response: 153441275  
Conc: 49.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL102824



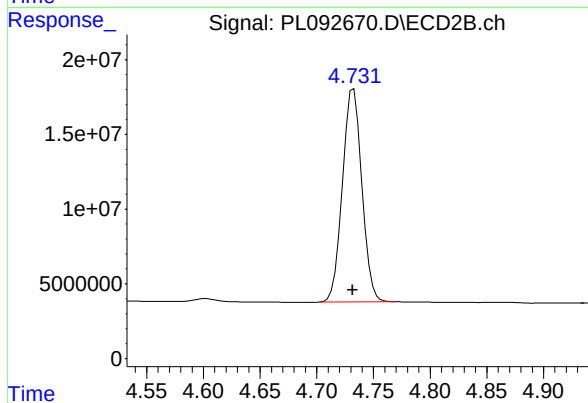
#7 delta-BHC

R.T.: 4.140 min  
Delta R.T.: 0.000 min  
Response: 196730806  
Conc: 51.19 ng/ml



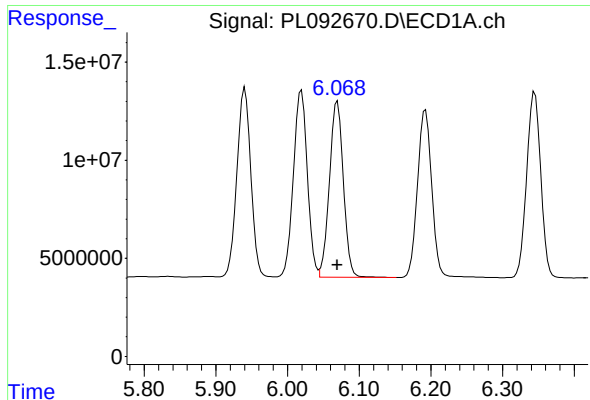
#8 Heptachlor epoxide

R.T.: 5.684 min  
Delta R.T.: 0.000 min  
Response: 133135555  
Conc: 48.21 ng/ml



#8 Heptachlor epoxide

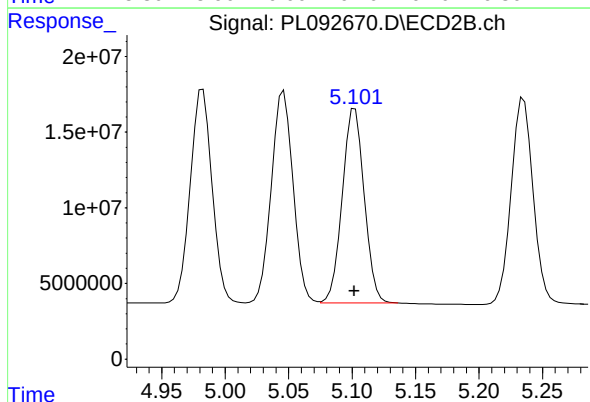
R.T.: 4.732 min  
Delta R.T.: 0.000 min  
Response: 169651322  
Conc: 50.77 ng/ml



#9 Endosulfan I

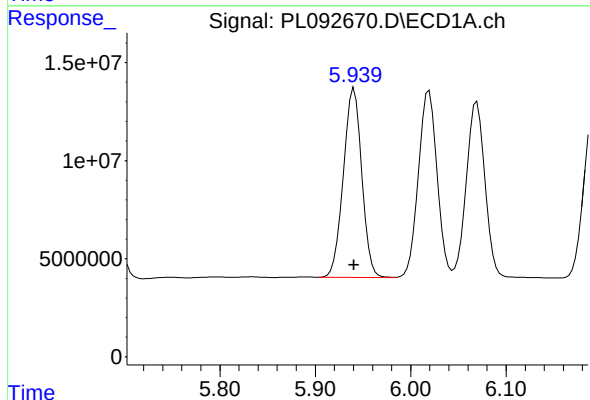
R.T.: 6.069 min  
Delta R.T.: 0.000 min  
Response: 121820594  
Conc: 48.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL102824



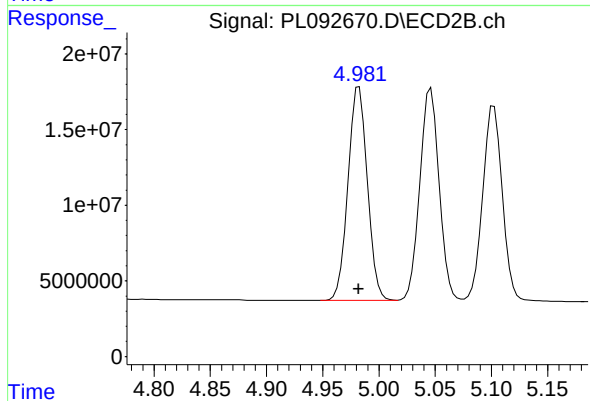
#9 Endosulfan I

R.T.: 5.102 min  
Delta R.T.: 0.000 min  
Response: 154238046  
Conc: 50.52 ng/ml



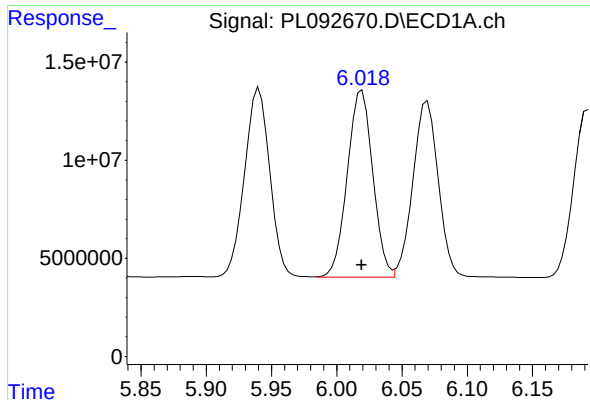
#10 gamma-Chlordane

R.T.: 5.941 min  
Delta R.T.: 0.000 min  
Response: 129757652  
Conc: 48.77 ng/ml



#10 gamma-Chlordane

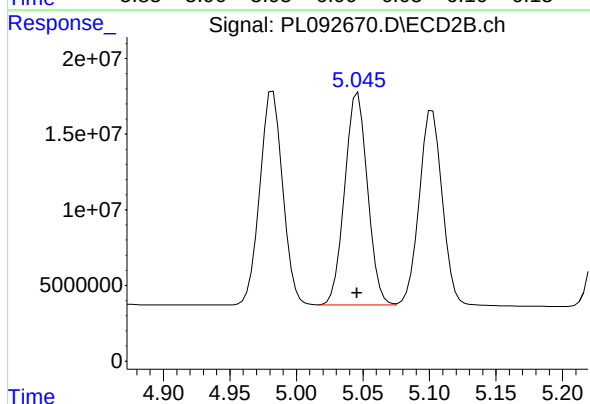
R.T.: 4.982 min  
Delta R.T.: 0.000 min  
Response: 169290196  
Conc: 50.36 ng/ml



#11 alpha-Chlordane

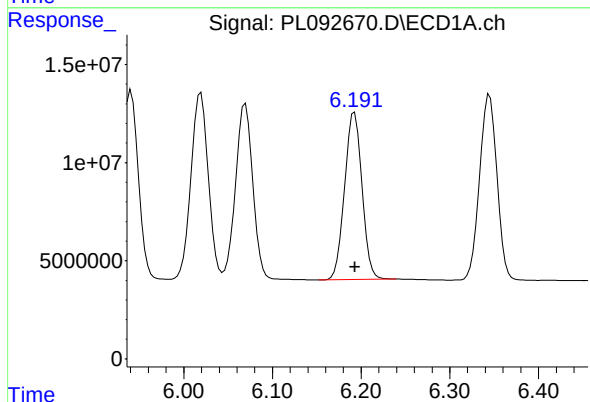
R.T.: 6.019 min  
Delta R.T.: 0.000 min  
Response: 129353627  
Conc: 48.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL102824



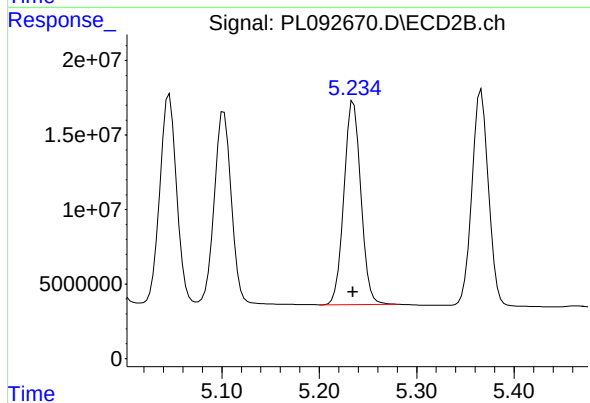
#11 alpha-Chlordane

R.T.: 5.046 min  
Delta R.T.: 0.000 min  
Response: 167566027  
Conc: 50.38 ng/ml



#12 4,4'-DDE

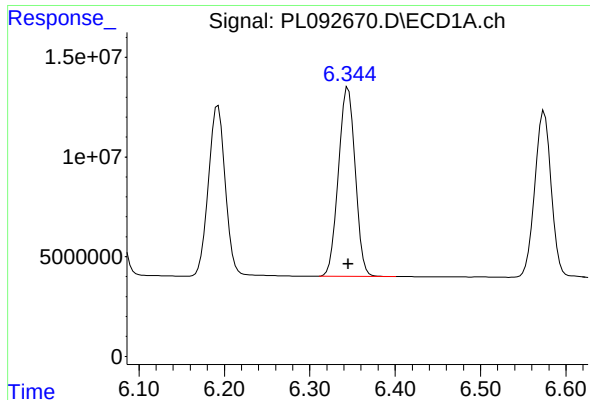
R.T.: 6.193 min  
Delta R.T.: 0.000 min  
Response: 116483163  
Conc: 49.17 ng/ml



#12 4,4'-DDE

R.T.: 5.235 min  
Delta R.T.: 0.000 min  
Response: 164362547  
Conc: 51.02 ng/ml

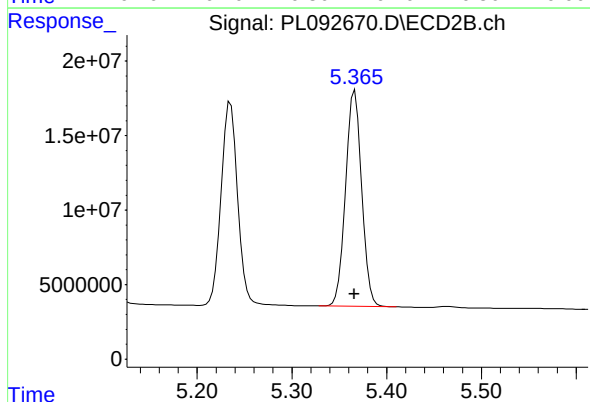




#13 Dieldrin

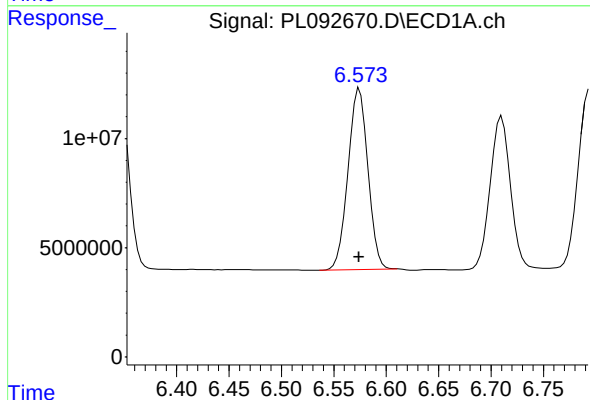
R.T.: 6.345 min  
Delta R.T.: 0.000 min  
Response: 128997763  
Conc: 48.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL102824



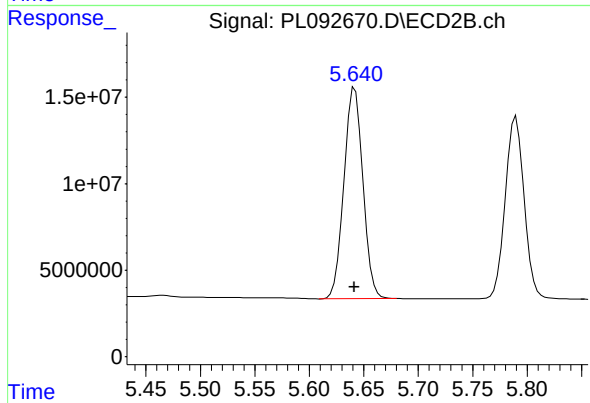
#13 Dieldrin

R.T.: 5.366 min  
Delta R.T.: 0.000 min  
Response: 170974393  
Conc: 51.19 ng/ml



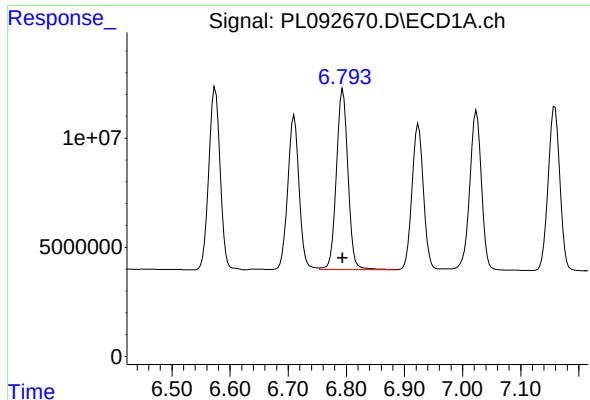
#14 Endrin

R.T.: 6.575 min  
Delta R.T.: 0.000 min  
Response: 110175171  
Conc: 48.39 ng/ml



#14 Endrin

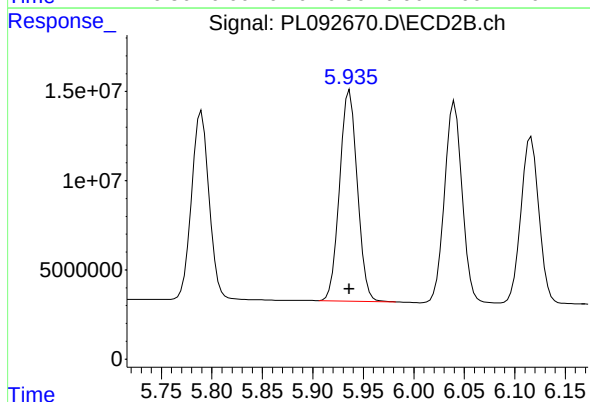
R.T.: 5.642 min  
Delta R.T.: 0.000 min  
Response: 147725555  
Conc: 51.06 ng/ml



#15 Endosulfan II

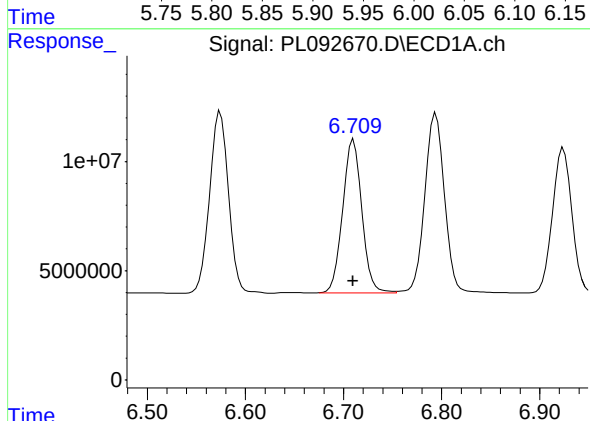
R.T.: 6.794 min  
Delta R.T.: 0.000 min  
Response: 115418913  
Conc: 48.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL102824



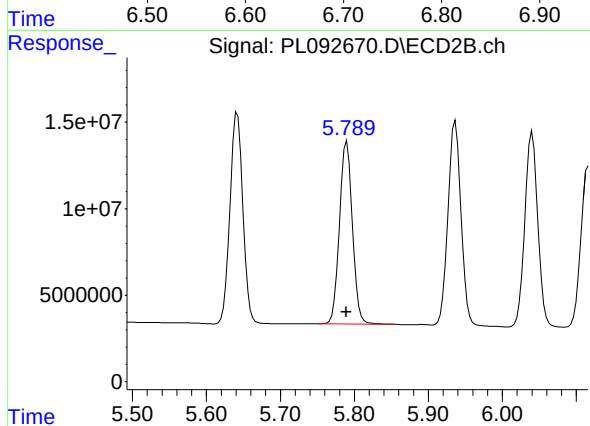
#15 Endosulfan II

R.T.: 5.937 min  
Delta R.T.: 0.000 min  
Response: 144993177  
Conc: 51.18 ng/ml



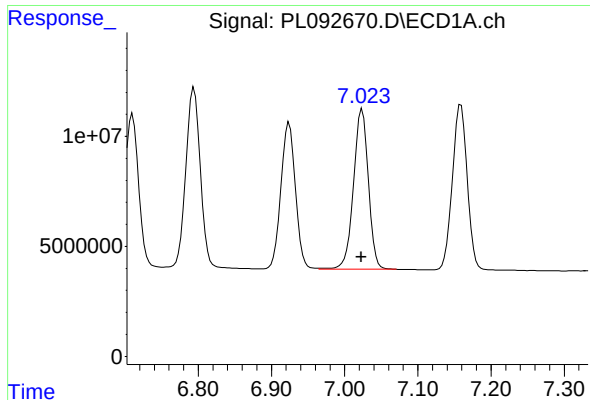
#16 4,4'-DDD

R.T.: 6.710 min  
Delta R.T.: 0.000 min  
Response: 95447383  
Conc: 49.72 ng/ml



#16 4,4'-DDD

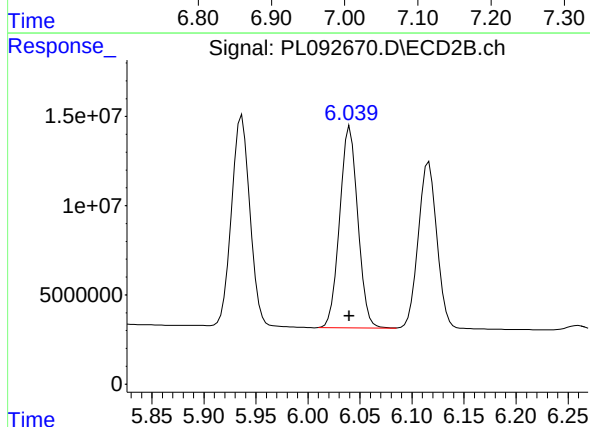
R.T.: 5.790 min  
Delta R.T.: 0.000 min  
Response: 127721374  
Conc: 51.29 ng/ml



#17 4,4'-DDT

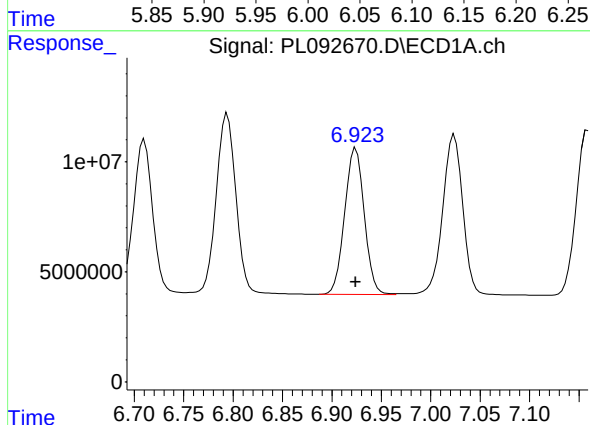
R.T.: 7.024 min  
Delta R.T.: 0.001 min  
Response: 102816318  
Conc: 49.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL102824



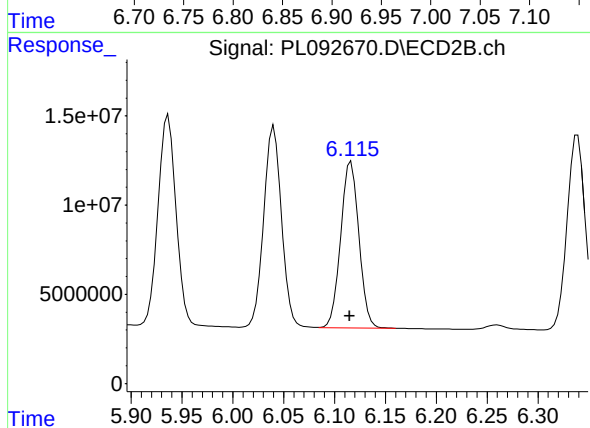
#17 4,4'-DDT

R.T.: 6.040 min  
Delta R.T.: 0.000 min  
Response: 137472801  
Conc: 51.25 ng/ml



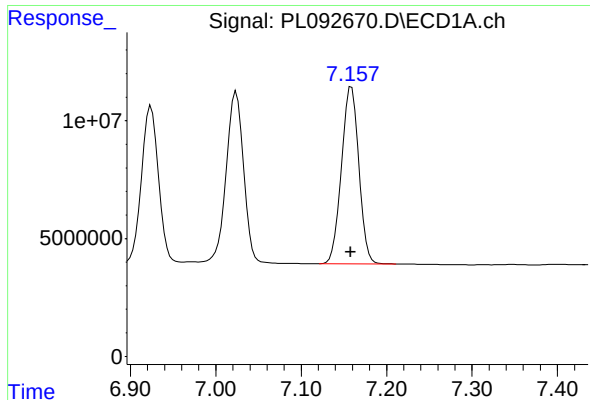
#18 Endrin aldehyde

R.T.: 6.924 min  
Delta R.T.: 0.000 min  
Response: 91870810  
Conc: 48.92 ng/ml



#18 Endrin aldehyde

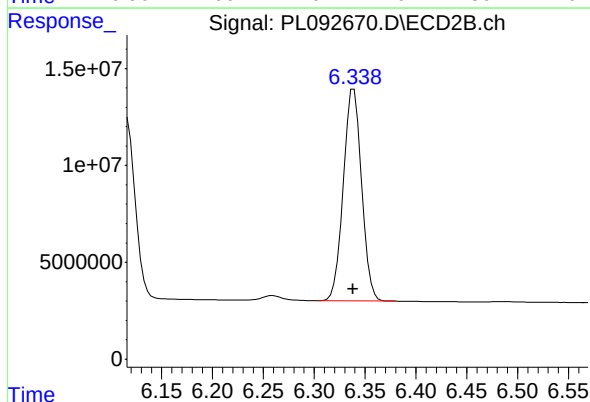
R.T.: 6.116 min  
Delta R.T.: 0.001 min  
Response: 116166072  
Conc: 50.35 ng/ml



#19 Endosulfan Sulfate

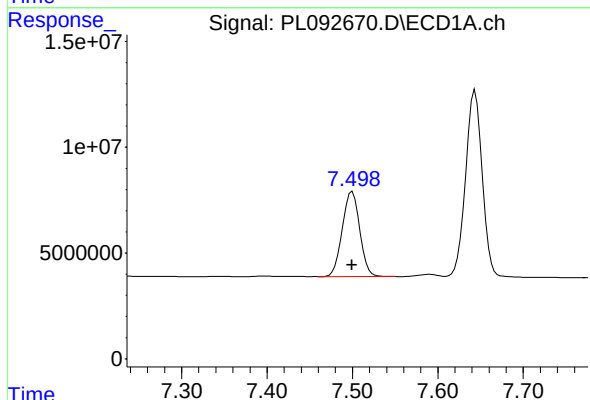
R.T.: 7.159 min  
Delta R.T.: 0.000 min  
Response: 106041409  
Conc: 48.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL102824



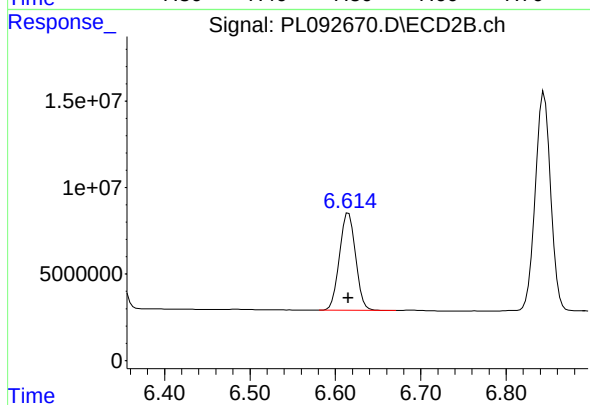
#19 Endosulfan Sulfate

R.T.: 6.339 min  
Delta R.T.: 0.000 min  
Response: 136465051  
Conc: 50.60 ng/ml



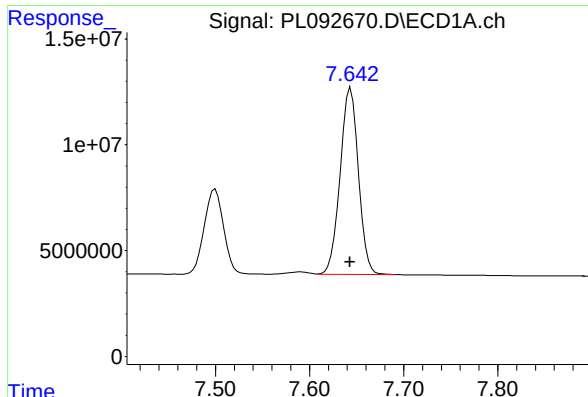
#20 Methoxychlor

R.T.: 7.500 min  
Delta R.T.: 0.000 min  
Response: 57010538  
Conc: 50.01 ng/ml



#20 Methoxychlor

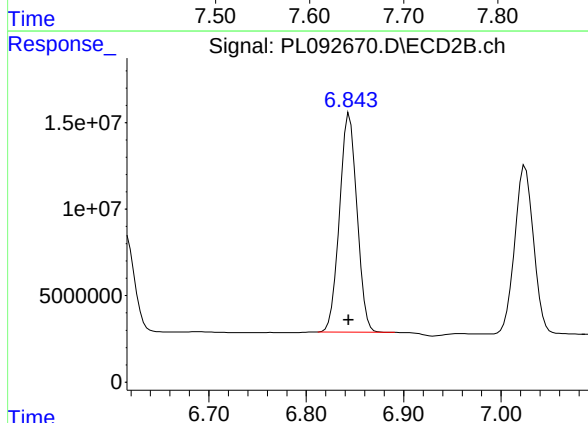
R.T.: 6.615 min  
Delta R.T.: 0.000 min  
Response: 73335025  
Conc: 51.35 ng/ml



#21 Endrin ketone

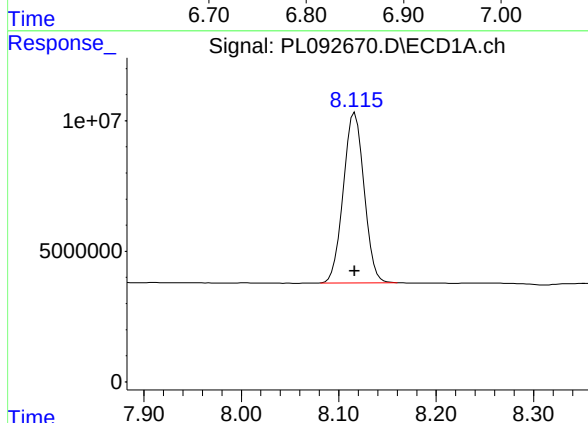
R.T.: 7.644 min  
Delta R.T.: 0.000 min  
Response: 118896481  
Conc: 49.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL102824



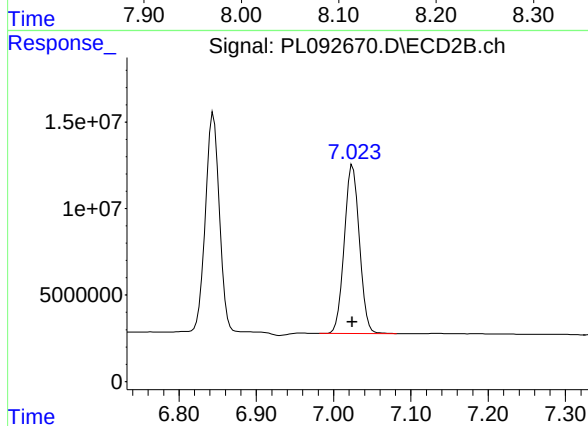
#21 Endrin ketone

R.T.: 6.844 min  
Delta R.T.: 0.000 min  
Response: 157606816  
Conc: 51.36 ng/ml



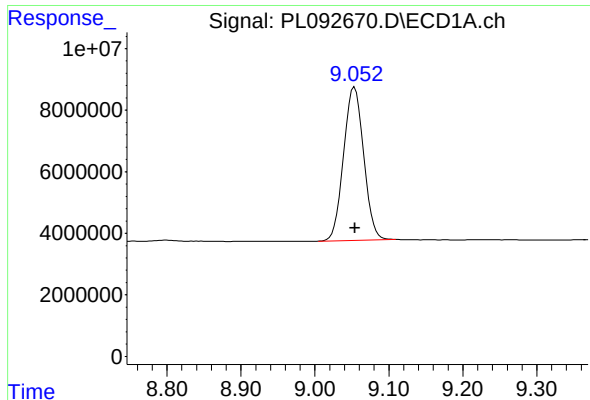
#22 Mirex

R.T.: 8.117 min  
Delta R.T.: 0.000 min  
Response: 96541027  
Conc: 48.72 ng/ml



#22 Mirex

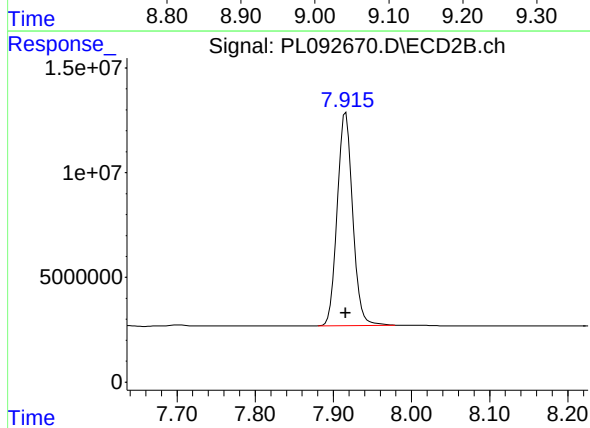
R.T.: 7.025 min  
Delta R.T.: 0.000 min  
Response: 131132711  
Conc: 50.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.054 min  
Delta R.T.: 0.000 min  
Response: 94182239  
Conc: 48.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL102824



#28 Decachlorobiphenyl

R.T.: 7.916 min  
Delta R.T.: 0.000 min  
Response: 139898166  
Conc: 51.26 ng/ml