

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041824\  
 Data File : PL089080.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Apr 2024 09:59  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 19 01:50:16 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041524.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 15 18:43:22 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... | 3.551  | 2.798 | 104.8E6  | 68822483 | 49.317   | 51.635    |
| 28)                         | SA Decachlor... | 9.065  | 7.951 | 68391741 | 68230248 | 53.693   | 50.952    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 4.007  | 3.304 | 149.4E6  | 104.4E6  | 49.961   | 52.784    |
| 3)                          | MA gamma-BHC... | 4.339  | 3.634 | 145.3E6  | 101.6E6  | 50.347   | 52.800    |
| 4)                          | MA Heptachlor   | 4.929  | 3.977 | 122.4E6  | 92713579 | 49.197   | 51.592    |
| 5)                          | MB Aldrin       | 5.271  | 4.258 | 132.4E6  | 97608404 | 51.008   | 53.210    |
| 6)                          | B beta-BHC      | 4.533  | 3.931 | 64229684 | 43451634 | 47.865   | 51.990    |
| 7)                          | B delta-BHC     | 4.781  | 4.163 | 137.8E6  | 99469457 | 51.521   | 54.481    |
| 8)                          | B Heptachlo...  | 5.697  | 4.761 | 128.8E6  | 86557155 | 54.601   | 52.122    |
| 9)                          | A Endosulfan I  | 6.082  | 5.131 | 119.1E6  | 77839511 | 54.447   | 51.792    |
| 10)                         | B gamma-Chl...  | 5.951  | 5.012 | 127.1E6  | 87725815 | 55.281   | 53.477    |
| 11)                         | B alpha-Chl...  | 6.031  | 5.076 | 119.9E6  | 87980191 | 52.371   | 53.202    |
| 12)                         | B 4,4'-DDE      | 6.204  | 5.265 | 108.8E6  | 79641499 | 54.161   | 54.159    |
| 13)                         | MA Dieldrin     | 6.357  | 5.397 | 124.2E6  | 86893315 | 55.074   | 53.156    |
| 14)                         | MA Endrin       | 6.586  | 5.672 | 97439186 | 75914362 | 51.847   | 52.234    |
| 15)                         | B Endosulfa...  | 6.804  | 5.965 | 99130850 | 75490761 | 51.463   | 52.804    |
| 16)                         | A 4,4'-DDD      | 6.719  | 5.819 | 88882255 | 68413197 | 55.142   | 56.494    |
| 17)                         | MA 4,4'-DDT     | 7.033  | 6.070 | 85587003 | 68285176 | 46.968   | 52.096    |
| 18)                         | B Endrin al...  | 6.933  | 6.145 | 74843364 | 58130540 | 51.136   | 52.896    |
| 19)                         | B Endosulfa...  | 7.168  | 6.368 | 88254002 | 72293414 | 51.406   | 53.481    |
| 20)                         | A Methoxychlor  | 7.508  | 6.646 | 46386424 | 38283695 | 52.645   | 51.221    |
| 21)                         | B Endrin ke...  | 7.653  | 6.874 | 100.6E6  | 86794479 | 52.149   | 54.838    |
| 22)                         | Mirex           | 8.128  | 7.058 | 72304056 | 68764995 | 49.231   | 52.012    |
| 23)                         | Chlordane-1     | 0.000  | 3.793 | 0        | 19431    | N.D.     | 0.379 #   |
| 24)                         | Chlordane-2     | 5.271f | 4.394 | 132.4E6  | 1187576  | 1401.622 | 18.286 #  |
| 25)                         | Chlordane-3     | 5.951  | 5.012 | 127.1E6  | 87725815 | 394.287  | 507.931 # |
| 26)                         | Chlordane-4     | 6.031  | 5.076 | 119.9E6  | 87980191 | 303.286  | 542.438 # |
| -----                       |                 |        |       |          |          |          |           |

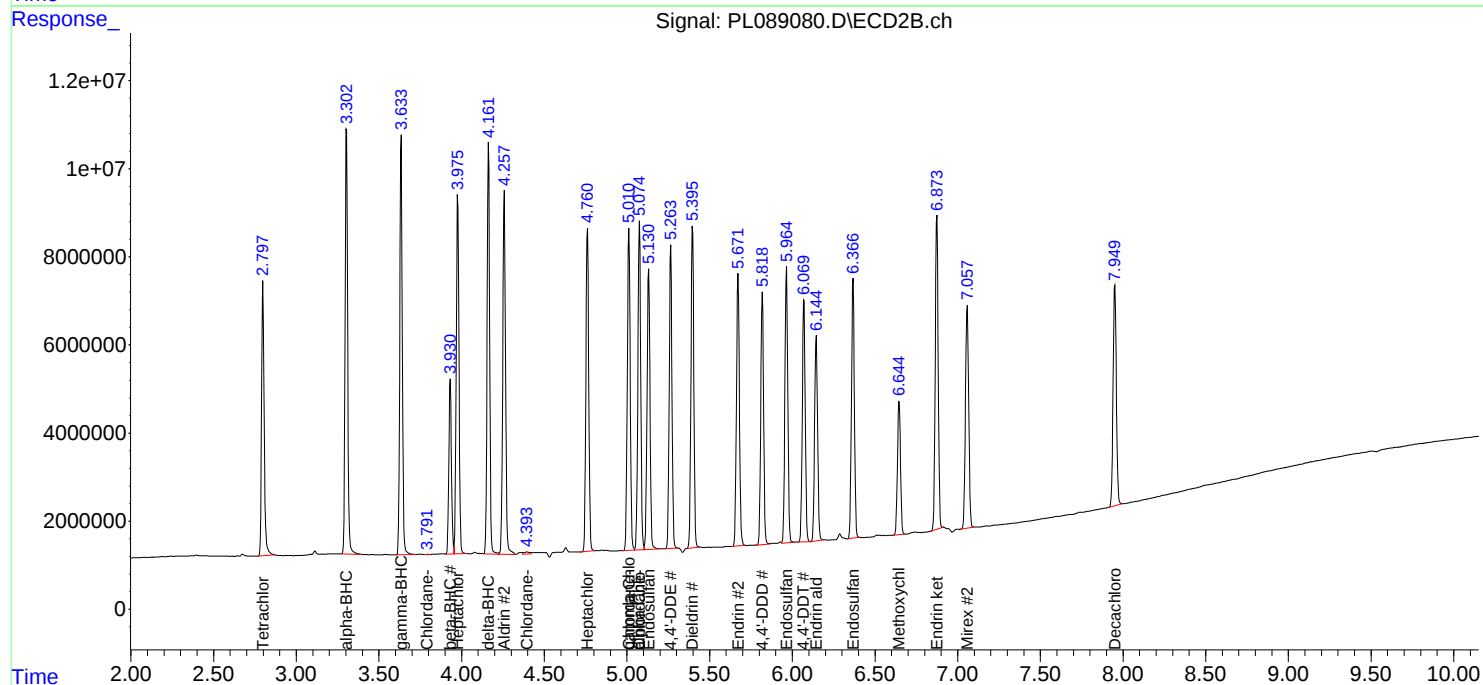
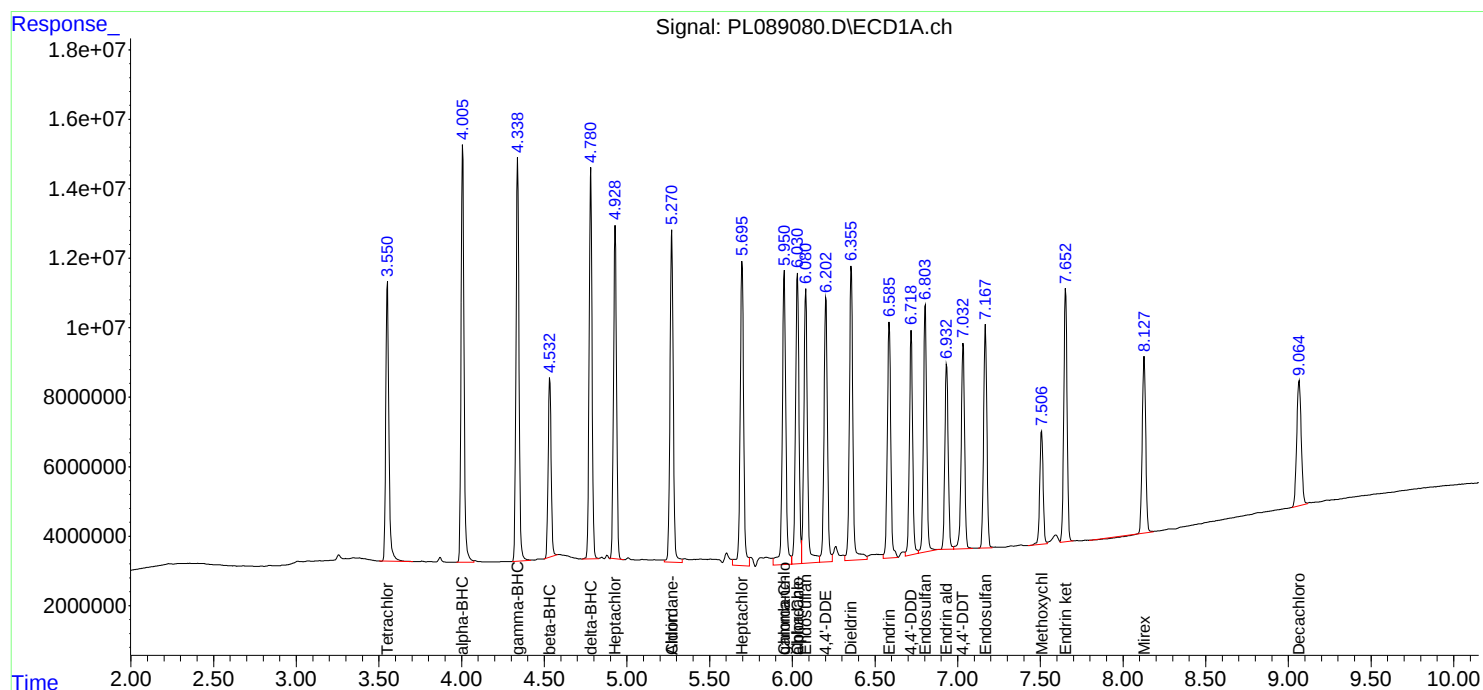
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

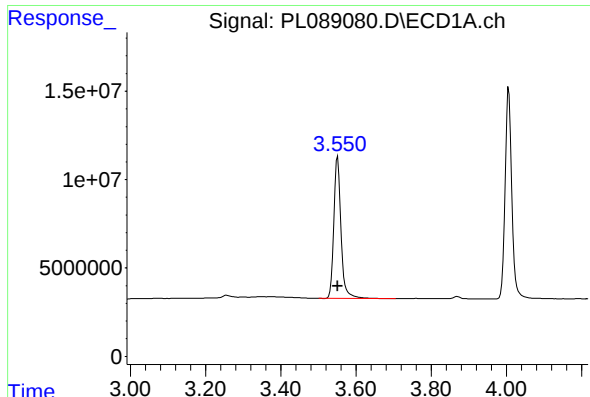
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041824\  
Data File : PL089080.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Apr 2024 09:59  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 19 01:50:16 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041524.M  
Quant Title : GC Extractables  
QLast Update : Mon Apr 15 18:43:22 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

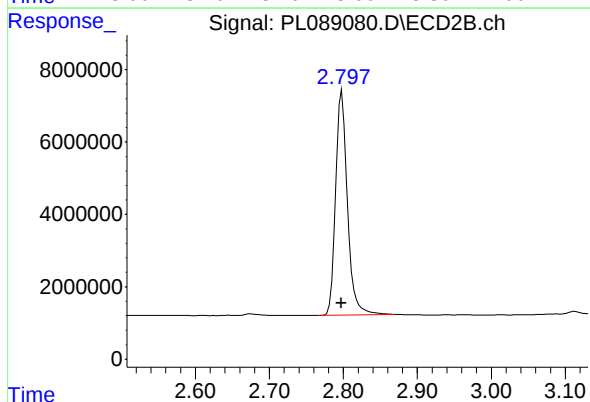




#1 Tetrachloro-m-xylene

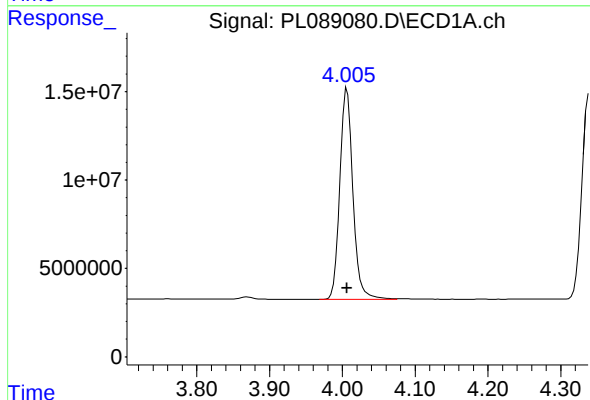
R.T.: 3.551 min  
Delta R.T.: 0.000 min  
Response: 104814807  
Conc: 49.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



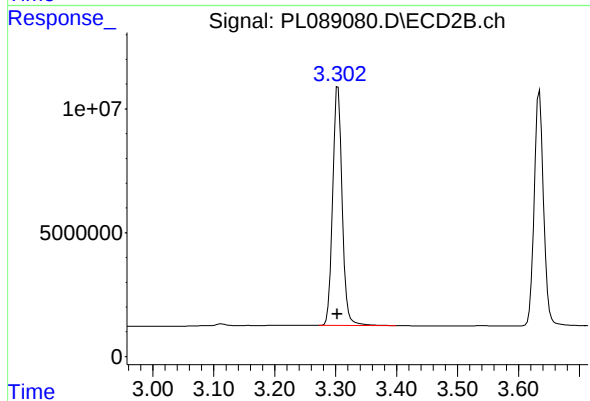
#1 Tetrachloro-m-xylene

R.T.: 2.798 min  
Delta R.T.: 0.001 min  
Response: 68822483  
Conc: 51.63 ng/ml



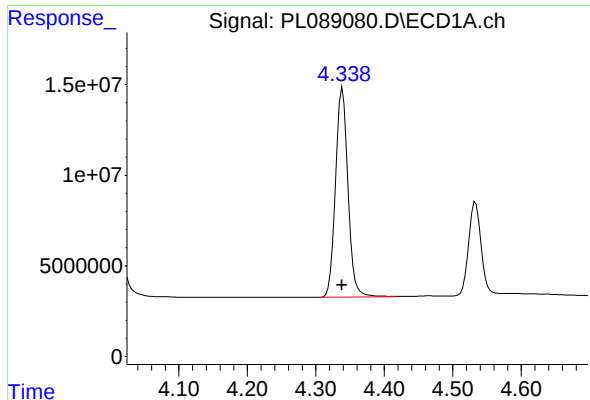
#2 alpha-BHC

R.T.: 4.007 min  
Delta R.T.: 0.000 min  
Response: 149383503  
Conc: 49.96 ng/ml



#2 alpha-BHC

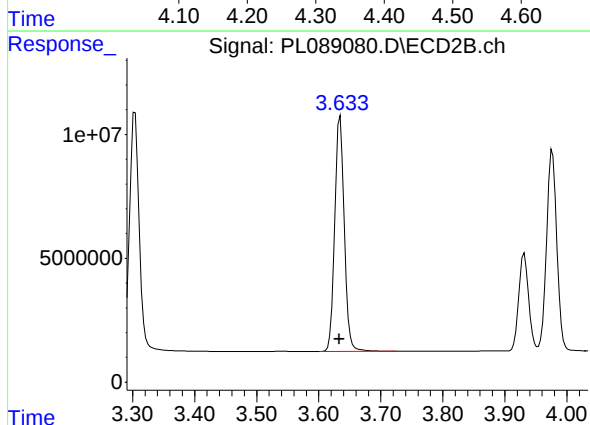
R.T.: 3.304 min  
Delta R.T.: 0.001 min  
Response: 104433767  
Conc: 52.78 ng/ml



#3 gamma-BHC (Lindane)

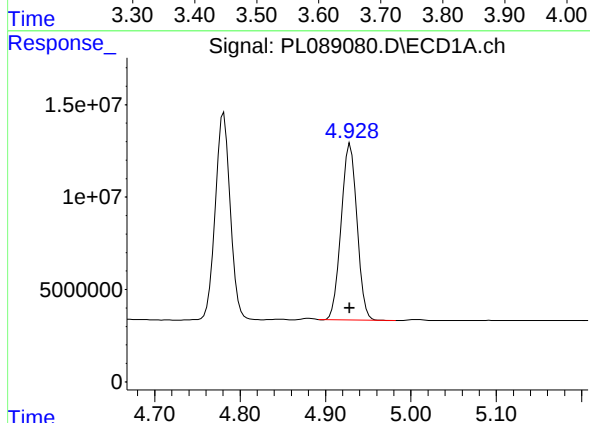
R.T.: 4.339 min  
Delta R.T.: 0.000 min  
Response: 145259307  
Conc: 50.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



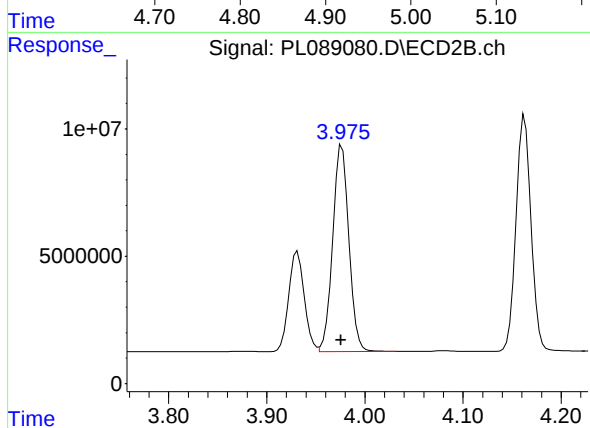
#3 gamma-BHC (Lindane)

R.T.: 3.634 min  
Delta R.T.: 0.001 min  
Response: 101569232  
Conc: 52.80 ng/ml



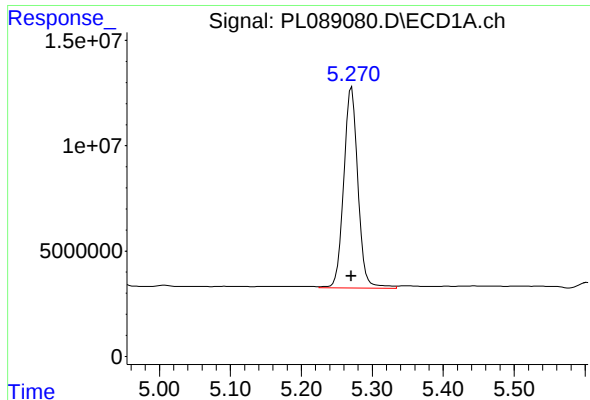
#4 Heptachlor

R.T.: 4.929 min  
Delta R.T.: 0.000 min  
Response: 122410549  
Conc: 49.20 ng/ml



#4 Heptachlor

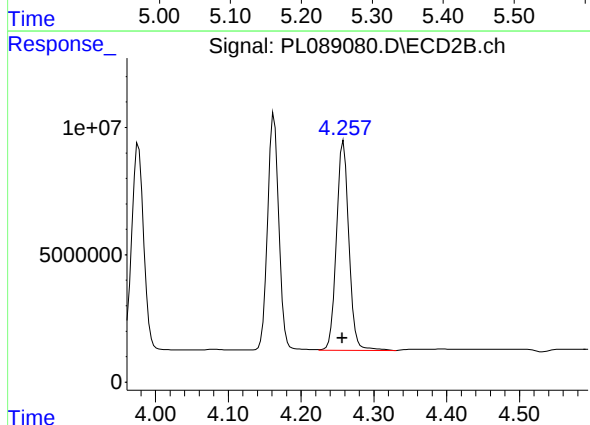
R.T.: 3.977 min  
Delta R.T.: 0.001 min  
Response: 92713579  
Conc: 51.59 ng/ml



#5 Aldrin

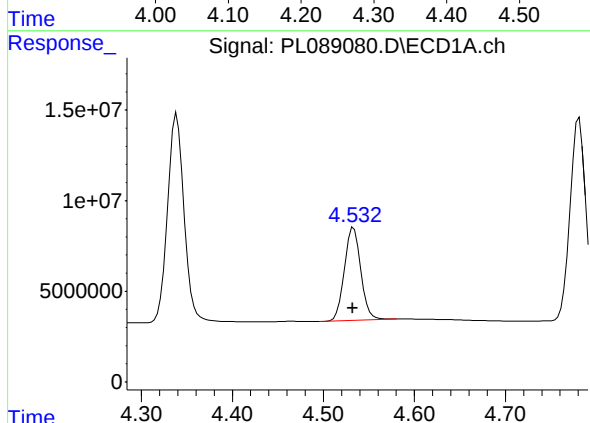
R.T.: 5.271 min  
Delta R.T.: 0.000 min  
Response: 132394305  
Conc: 51.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



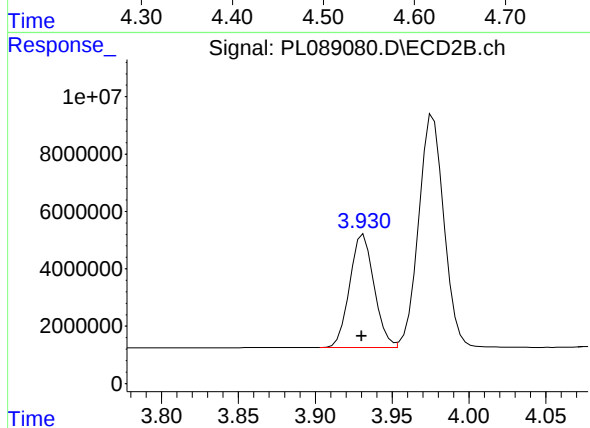
#5 Aldrin

R.T.: 4.258 min  
Delta R.T.: 0.001 min  
Response: 97608404  
Conc: 53.21 ng/ml



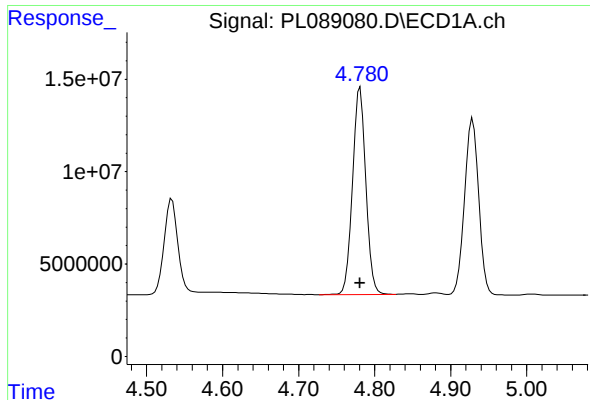
#6 beta-BHC

R.T.: 4.533 min  
Delta R.T.: 0.000 min  
Response: 64229684  
Conc: 47.87 ng/ml



#6 beta-BHC

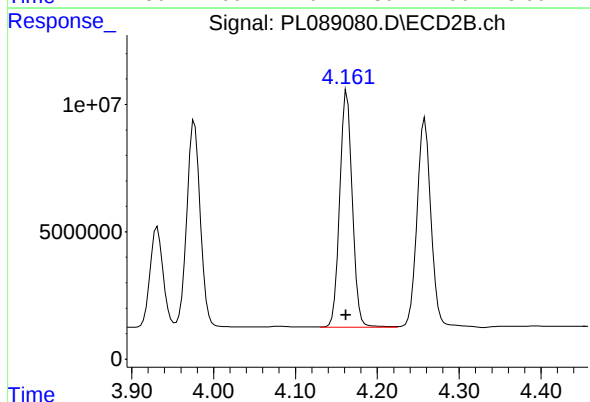
R.T.: 3.931 min  
Delta R.T.: 0.001 min  
Response: 43451634  
Conc: 51.99 ng/ml



#7 delta-BHC

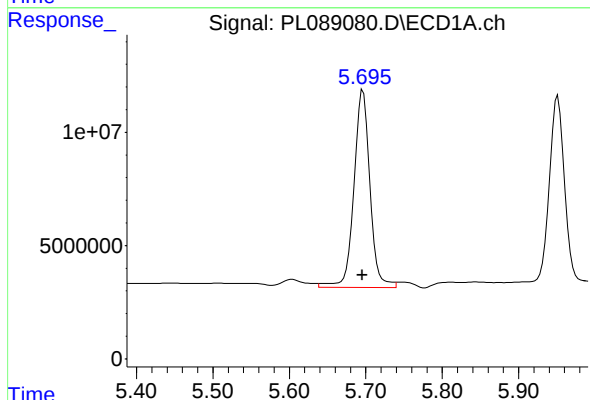
R.T.: 4.781 min  
Delta R.T.: 0.000 min  
Response: 137779151  
Conc: 51.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



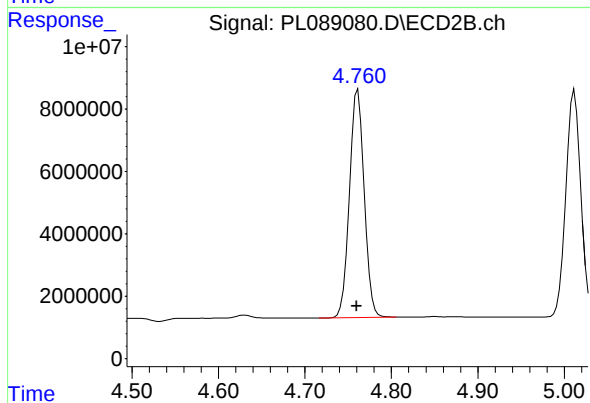
#7 delta-BHC

R.T.: 4.163 min  
Delta R.T.: 0.001 min  
Response: 99469457  
Conc: 54.48 ng/ml



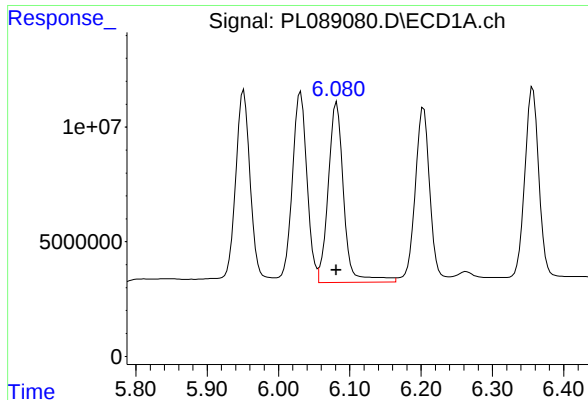
#8 Heptachlor epoxide

R.T.: 5.697 min  
Delta R.T.: 0.001 min  
Response: 128836412  
Conc: 54.60 ng/ml



#8 Heptachlor epoxide

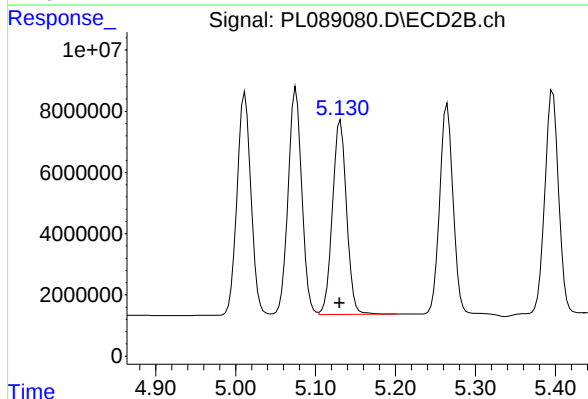
R.T.: 4.761 min  
Delta R.T.: 0.001 min  
Response: 86557155  
Conc: 52.12 ng/ml



#9 Endosulfan I

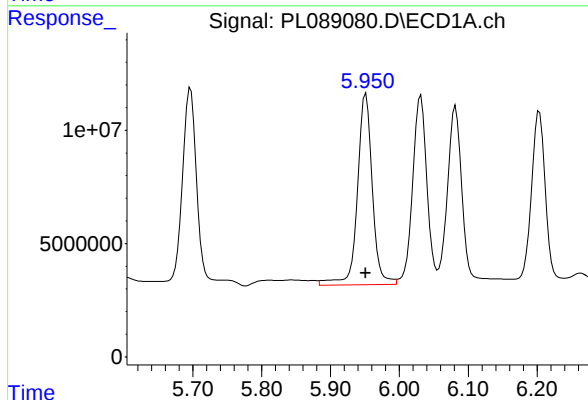
R.T.: 6.082 min  
Delta R.T.: 0.000 min  
Response: 119061473  
Conc: 54.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



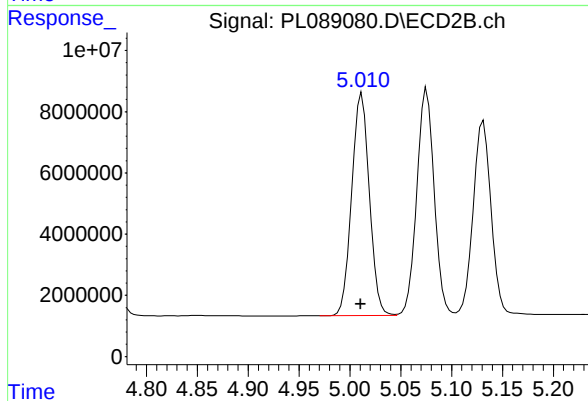
#9 Endosulfan I

R.T.: 5.131 min  
Delta R.T.: 0.001 min  
Response: 77839511  
Conc: 51.79 ng/ml



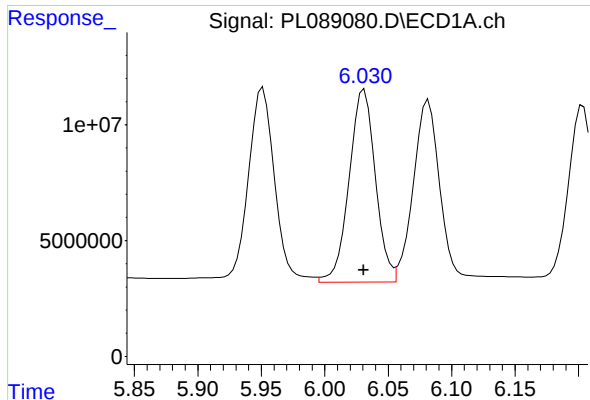
#10 gamma-Chlordane

R.T.: 5.951 min  
Delta R.T.: 0.000 min  
Response: 127081911  
Conc: 55.28 ng/ml



#10 gamma-Chlordane

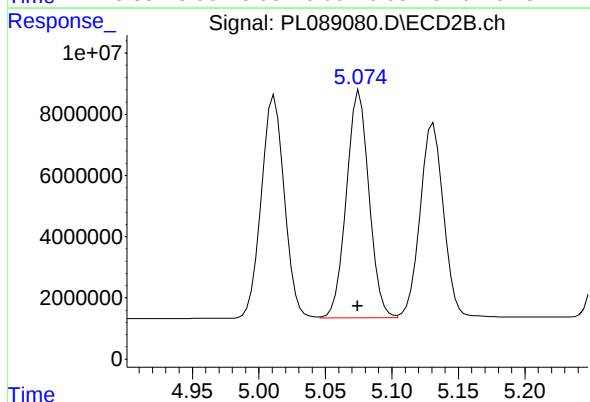
R.T.: 5.012 min  
Delta R.T.: 0.001 min  
Response: 87725815  
Conc: 53.48 ng/ml



#11 alpha-Chlordane

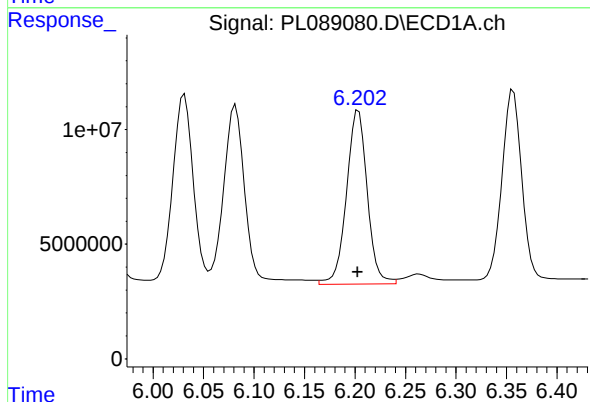
R.T.: 6.031 min  
Delta R.T.: 0.000 min  
Response: 119896912  
Conc: 52.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



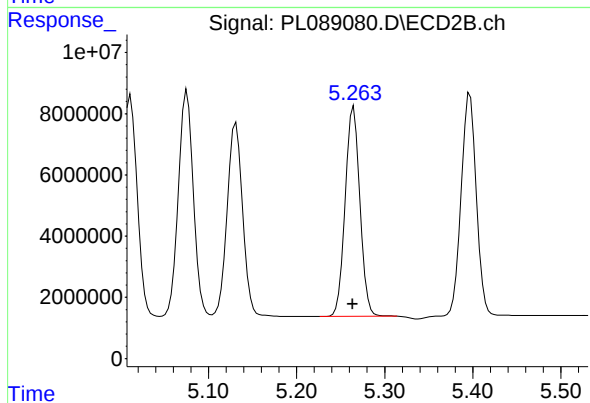
#11 alpha-Chlordane

R.T.: 5.076 min  
Delta R.T.: 0.001 min  
Response: 87980191  
Conc: 53.20 ng/ml



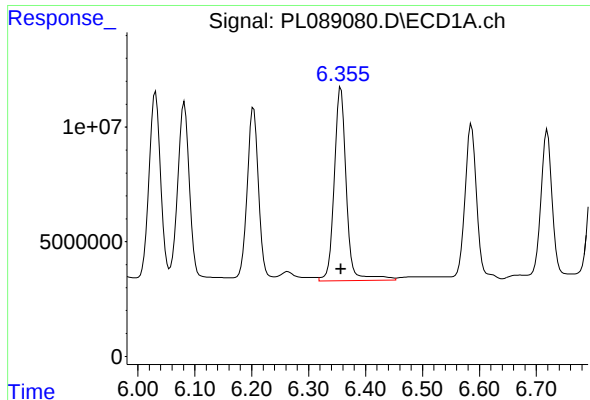
#12 4,4'-DDE

R.T.: 6.204 min  
Delta R.T.: 0.001 min  
Response: 108848537  
Conc: 54.16 ng/ml



#12 4,4'-DDE

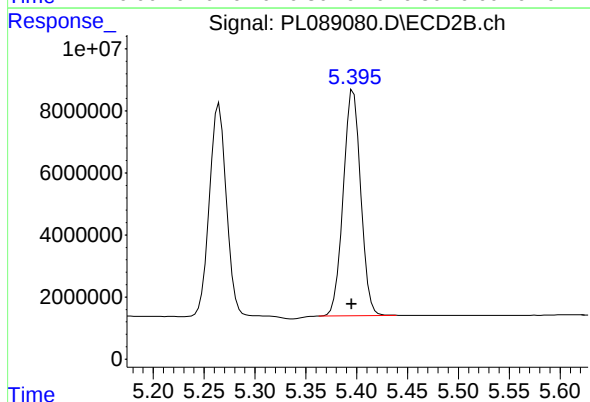
R.T.: 5.265 min  
Delta R.T.: 0.001 min  
Response: 79641499  
Conc: 54.16 ng/ml



#13 Dieldrin

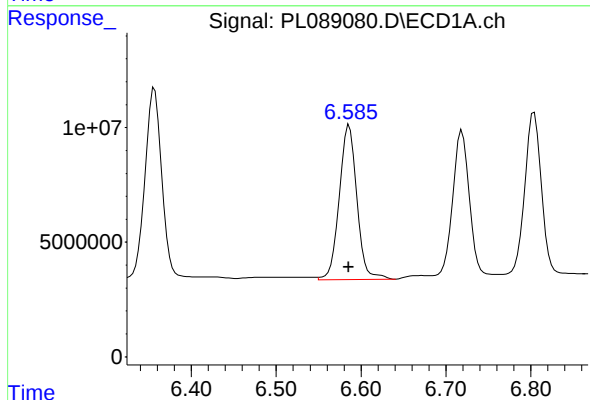
R.T.: 6.357 min  
Delta R.T.: 0.000 min  
Response: 12420010  
Conc: 55.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



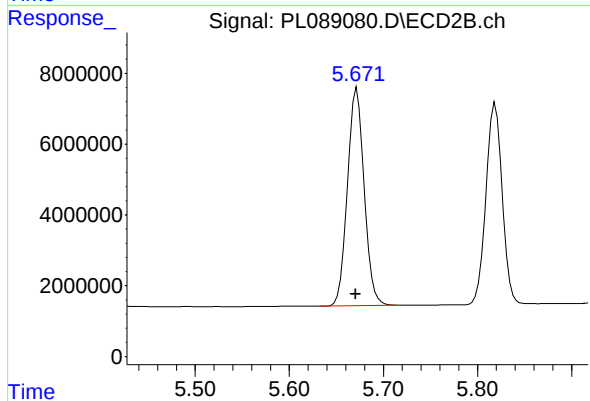
#13 Dieldrin

R.T.: 5.397 min  
Delta R.T.: 0.002 min  
Response: 86893315  
Conc: 53.16 ng/ml



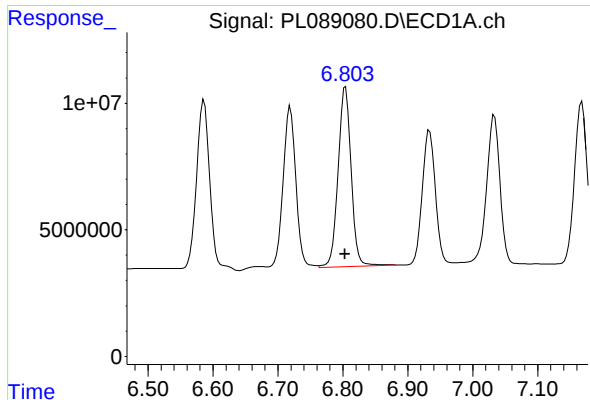
#14 Endrin

R.T.: 6.586 min  
Delta R.T.: 0.000 min  
Response: 97439186  
Conc: 51.85 ng/ml



#14 Endrin

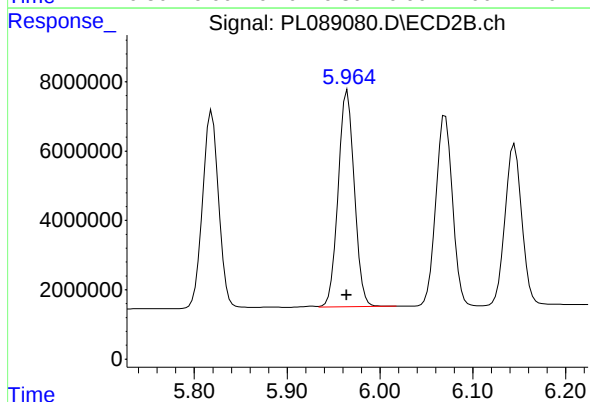
R.T.: 5.672 min  
Delta R.T.: 0.002 min  
Response: 75914362  
Conc: 52.23 ng/ml



#15 Endosulfan II

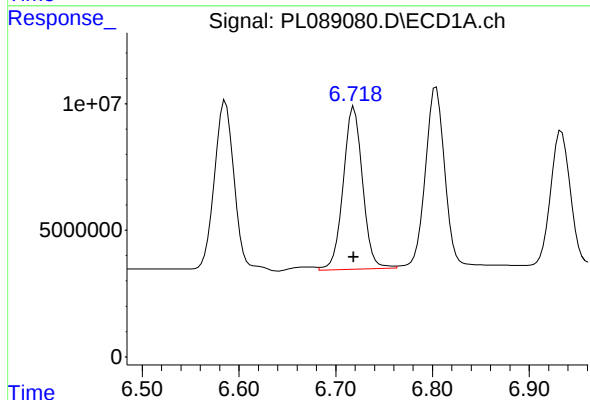
R.T.: 6.804 min  
Delta R.T.: 0.000 min  
Response: 99130850  
Conc: 51.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



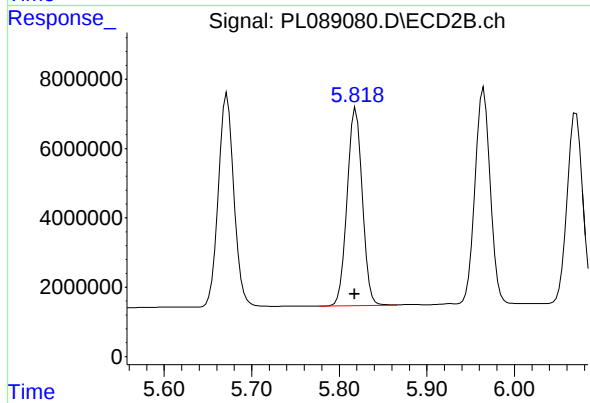
#15 Endosulfan II

R.T.: 5.965 min  
Delta R.T.: 0.001 min  
Response: 75490761  
Conc: 52.80 ng/ml



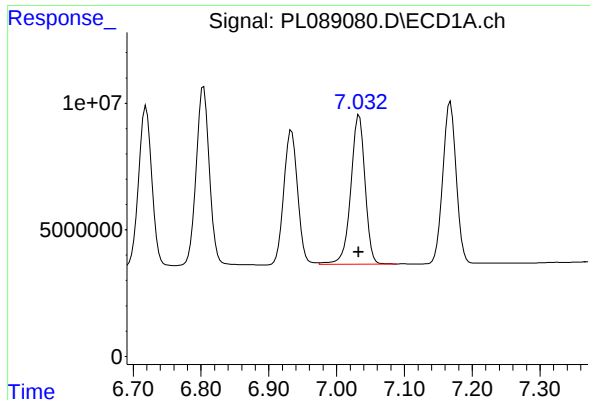
#16 4,4'-DDD

R.T.: 6.719 min  
Delta R.T.: 0.000 min  
Response: 88882255  
Conc: 55.14 ng/ml



#16 4,4'-DDD

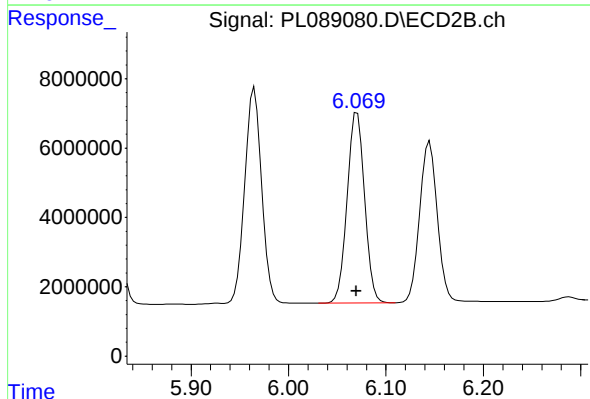
R.T.: 5.819 min  
Delta R.T.: 0.001 min  
Response: 68413197  
Conc: 56.49 ng/ml



#17 4,4'-DDT

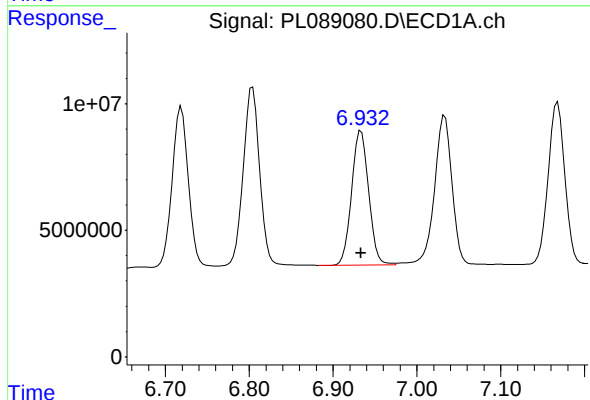
R.T.: 7.033 min  
Delta R.T.: 0.000 min  
Response: 85587003  
Conc: 46.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



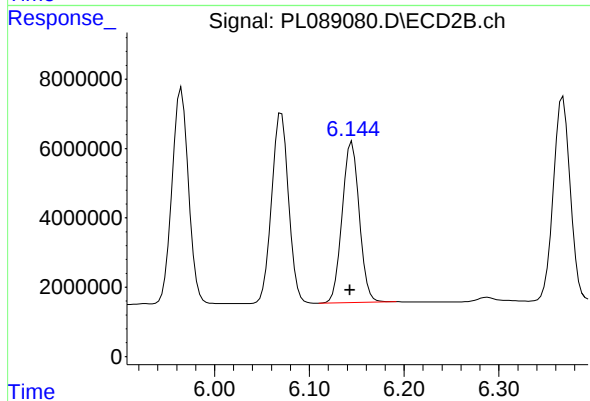
#17 4,4'-DDT

R.T.: 6.070 min  
Delta R.T.: 0.001 min  
Response: 68285176  
Conc: 52.10 ng/ml



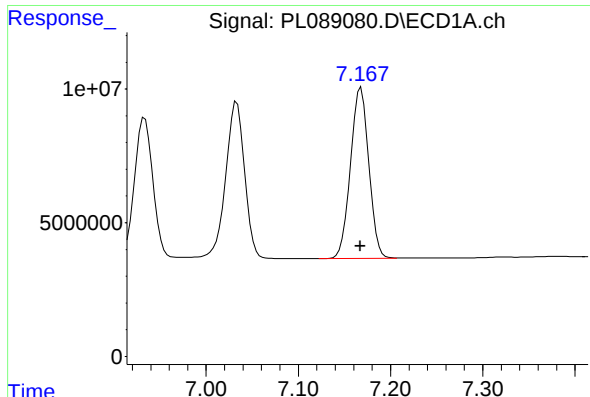
#18 Endrin aldehyde

R.T.: 6.933 min  
Delta R.T.: 0.000 min  
Response: 74843364  
Conc: 51.14 ng/ml



#18 Endrin aldehyde

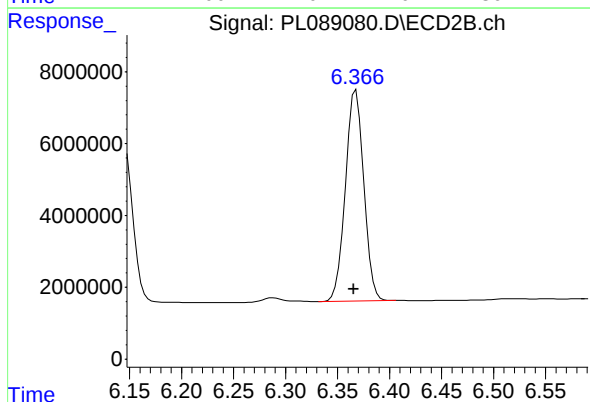
R.T.: 6.145 min  
Delta R.T.: 0.002 min  
Response: 58130540  
Conc: 52.90 ng/ml



#19 Endosulfan Sulfate

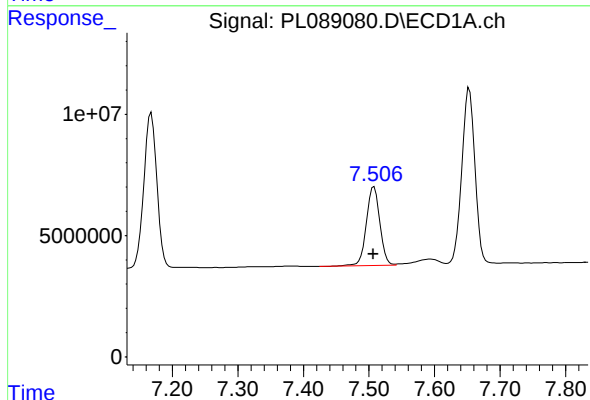
R.T.: 7.168 min  
Delta R.T.: 0.000 min  
Response: 88254002  
Conc: 51.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



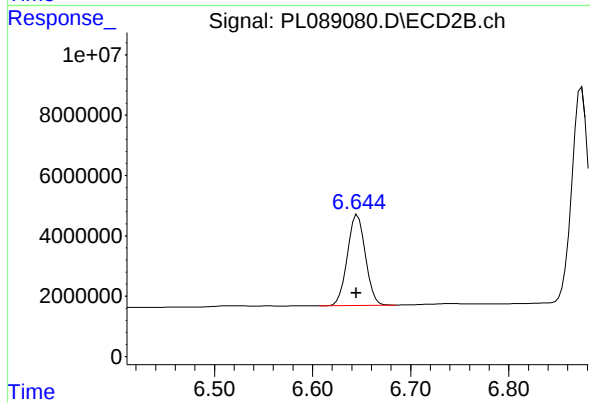
#19 Endosulfan Sulfate

R.T.: 6.368 min  
Delta R.T.: 0.002 min  
Response: 72293414  
Conc: 53.48 ng/ml



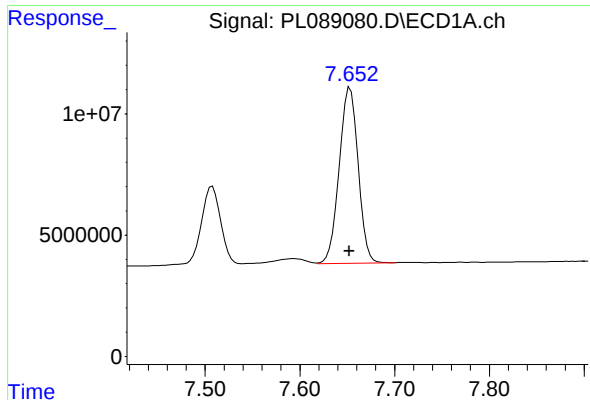
#20 Methoxychlor

R.T.: 7.508 min  
Delta R.T.: 0.001 min  
Response: 46386424  
Conc: 52.65 ng/ml



#20 Methoxychlor

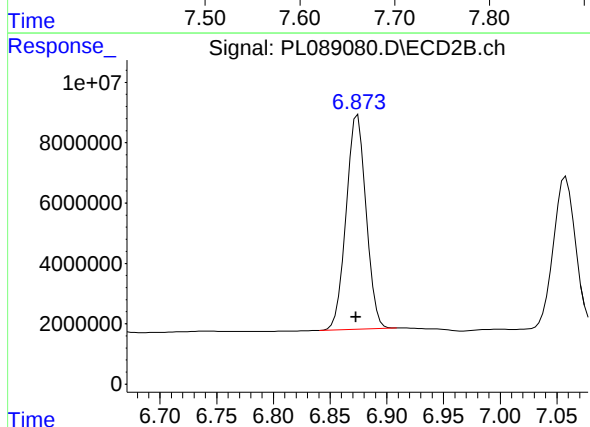
R.T.: 6.646 min  
Delta R.T.: 0.001 min  
Response: 38283695  
Conc: 51.22 ng/ml



#21 Endrin ketone

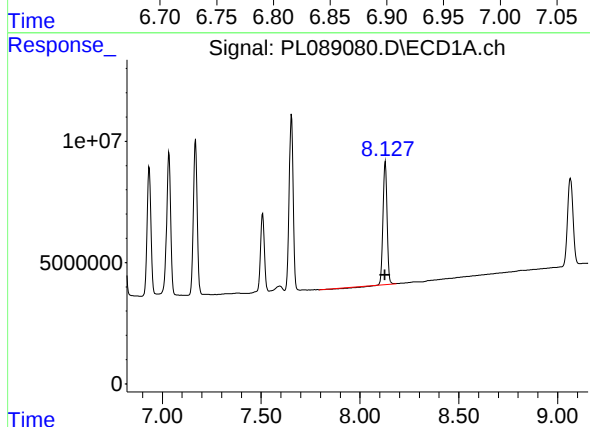
R.T.: 7.653 min  
Delta R.T.: 0.000 min  
Response: 100570110  
Conc: 52.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



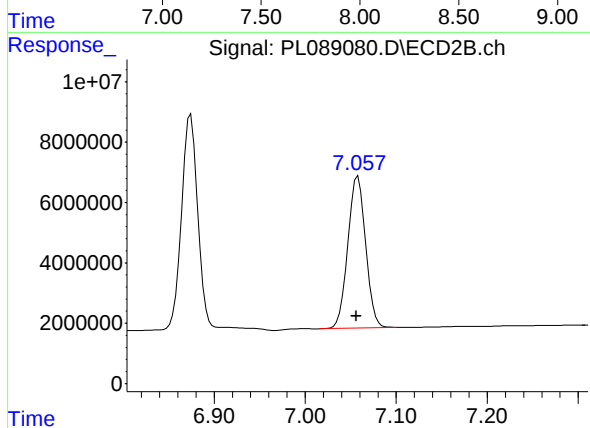
#21 Endrin ketone

R.T.: 6.874 min  
Delta R.T.: 0.002 min  
Response: 86794479  
Conc: 54.84 ng/ml



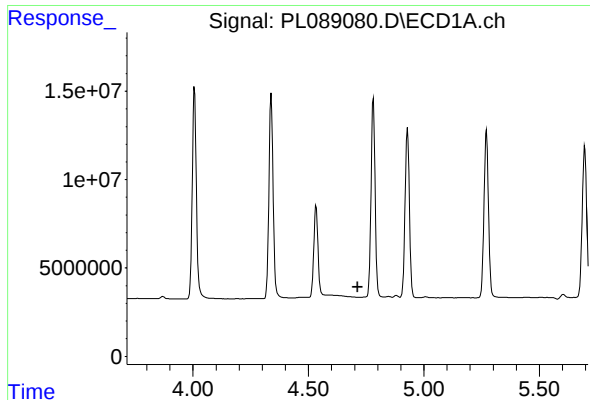
#22 Mirex

R.T.: 8.128 min  
Delta R.T.: 0.002 min  
Response: 72304056  
Conc: 49.23 ng/ml



#22 Mirex

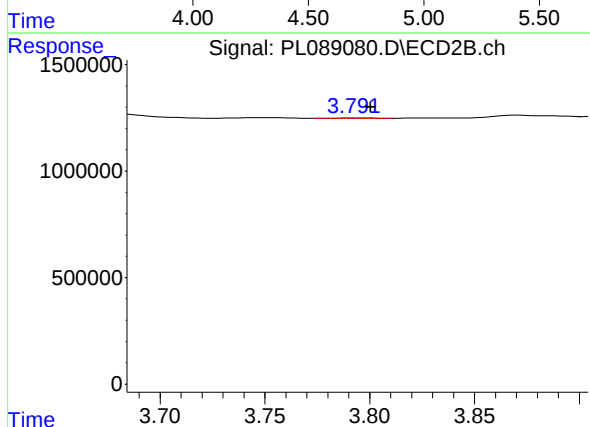
R.T.: 7.058 min  
Delta R.T.: 0.002 min  
Response: 68764995  
Conc: 52.01 ng/ml



#23 Chlordane-1

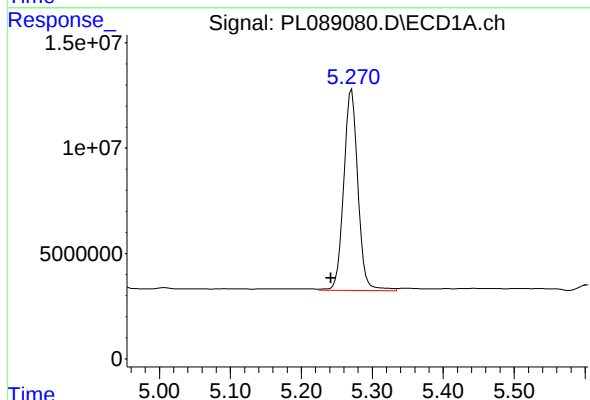
R.T.: 0.000 min  
Exp R.T.: 4.713 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



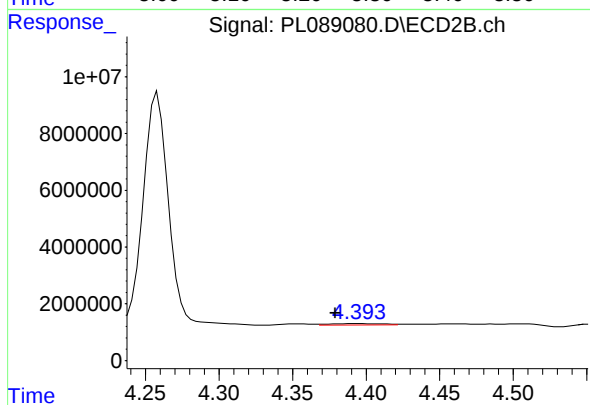
#23 Chlordane-1

R.T.: 3.793 min  
Delta R.T.: -0.008 min  
Response: 19431  
Conc: 0.38 ng/ml



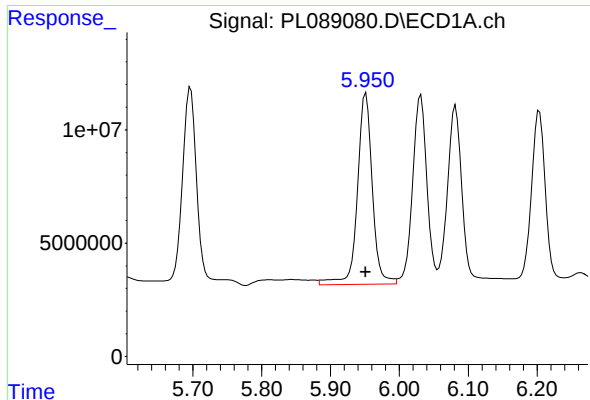
#24 Chlordane-2

R.T.: 5.271 min  
Delta R.T.: 0.029 min  
Response: 132394305  
Conc: 1401.62 ng/ml



#24 Chlordane-2

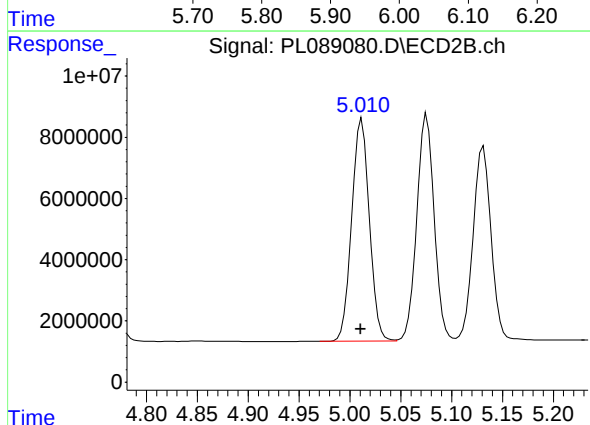
R.T.: 4.394 min  
Delta R.T.: 0.015 min  
Response: 1187576  
Conc: 18.29 ng/ml



#25 Chlordane-3

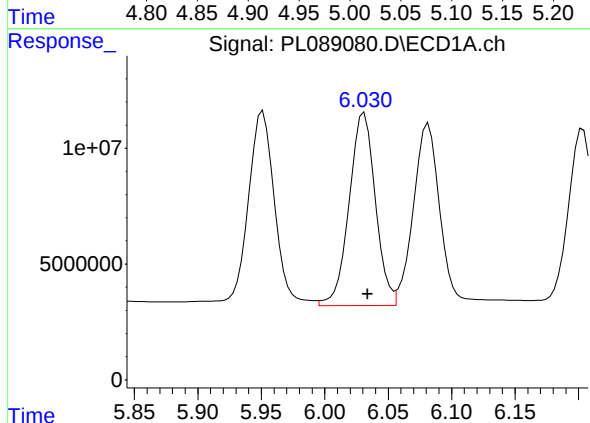
R.T.: 5.951 min  
Delta R.T.: 0.000 min  
Response: 127081911  
Conc: 394.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



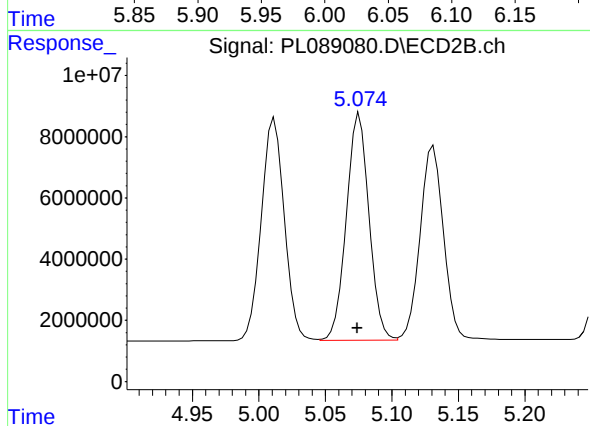
#25 Chlordane-3

R.T.: 5.012 min  
Delta R.T.: 0.001 min  
Response: 87725815  
Conc: 507.93 ng/ml



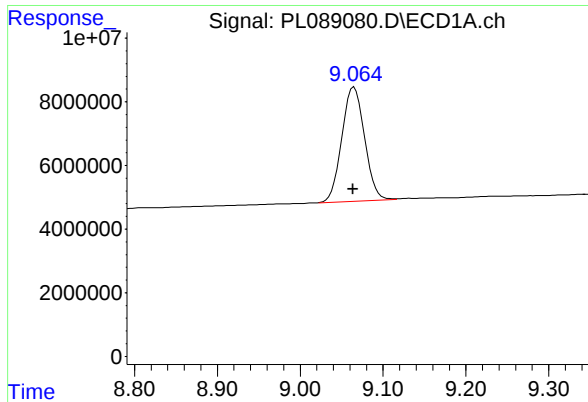
#26 Chlordane-4

R.T.: 6.031 min  
Delta R.T.: -0.003 min  
Response: 119896912  
Conc: 303.29 ng/ml



#26 Chlordane-4

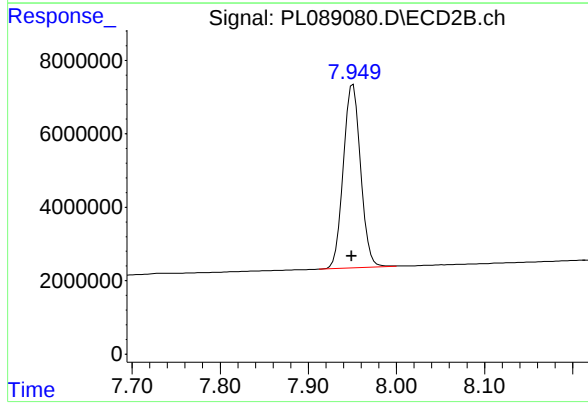
R.T.: 5.076 min  
Delta R.T.: 0.002 min  
Response: 87980191  
Conc: 542.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min  
Delta R.T.: 0.001 min  
Response: 68391741  
Conc: 53.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 7.951 min  
Delta R.T.: 0.002 min  
Response: 68230248  
Conc: 50.95 ng/ml