

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022024\  
 Data File : PL088154.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Feb 2024 15:48  
 Operator : AR\AJ  
 Sample : P1523-04MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 20240765-COMPOSITE-39N-N-3-03MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 21 00:16:12 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL021524.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Feb 16 21:46:54 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... | 3.634  | 2.854 | 42470553 | 20686799 | 15.462   | 14.750    |
| 28)                         | SA Decachlor... | 9.298  | 8.082 | 18452937 | 10590750 | 9.581    | 8.318     |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 4.099  | 3.369 | 207.3E6  | 99890635 | 49.670   | 48.613    |
| 3)                          | MA gamma-BHC... | 4.437  | 3.705 | 196.4E6  | 94080816 | 48.490   | 46.981    |
| 4)                          | MA Heptachlor   | 5.038  | 4.054 | 193.0E6  | 90424844 | 50.155   | 49.636    |
| 5)                          | MB Aldrin       | 5.385  | 4.340 | 182.7E6  | 90304594 | 47.841   | 46.562    |
| 6)                          | B beta-BHC      | 4.634  | 4.007 | 88523623 | 41692719 | 50.828   | 46.842    |
| 7)                          | B delta-BHC     | 4.886  | 4.242 | 188.9E6  | 90507481 | 49.649   | 45.372    |
| 8)                          | B Heptachlo...  | 5.816  | 4.850 | 171.8E6  | 83442836 | 49.034   | 48.100    |
| 9)                          | A Endosulfan I  | 6.206  | 5.225 | 153.8E6  | 78515321 | 49.142   | 48.796    |
| 10)                         | B gamma-Chl...  | 6.075  | 5.104 | 174.7E6  | 89589235 | 51.411   | 50.224    |
| 11)                         | B alpha-Chl...  | 6.155  | 5.169 | 169.4E6  | 87986458 | 49.627   | 49.390    |
| 12)                         | B 4,4'-DDE      | 6.329  | 5.362 | 149.7E6  | 78453982 | 49.365   | 49.360    |
| 13)                         | MA Dieldrin     | 6.485  | 5.495 | 162.7E6  | 85249146 | 49.468   | 49.409    |
| 14)                         | MA Endrin       | 6.717  | 5.774 | 130.0E6  | 73470767 | 49.985   | 49.140    |
| 15)                         | B Endosulfa...  | 6.937  | 6.071 | 140.0E6  | 74813828 | 48.892   | 49.109    |
| 16)                         | A 4,4'-DDD      | 6.851  | 5.923 | 125.2E6  | 66831212 | 48.289   | 48.917    |
| 17)                         | MA 4,4'-DDT     | 7.169  | 6.178 | 122.9E6  | 66762709 | 46.758   | 48.902    |
| 18)                         | B Endrin al...  | 7.069  | 6.253 | 104.3E6  | 55818833 | 50.461   | 51.108    |
| 19)                         | B Endosulfa...  | 7.305  | 6.478 | 130.4E6  | 70412276 | 50.058   | 50.136    |
| 20)                         | A Methoxychlor  | 7.649  | 6.762 | 64770120 | 37107845 | 48.931   | 47.346    |
| 21)                         | B Endrin ke...  | 7.796  | 6.991 | 143.1E6  | 83943612 | 51.080   | 50.139    |
| 22)                         | Mirex           | 8.279  | 7.177 | 113.7E6  | 67907364 | 49.079   | 51.833    |
| 23)                         | Chlordane-1     | 0.000  | 3.883 | 0        | 77643    | N.D.     | 1.508 #   |
| 24)                         | Chlordane-2     | 5.385f | 4.479 | 182.7E6  | 468628   | 1361.004 | 7.376 #   |
| 25)                         | Chlordane-3     | 6.075  | 5.104 | 174.7E6  | 89589235 | 345.913  | 481.153 # |
| 26)                         | Chlordane-4     | 6.155  | 5.169 | 169.4E6  | 87986458 | 275.855  | 508.818 # |
| 27)                         | Chlordane-5     | 0.000  | 5.848 | 0        | 154312   | N.D.     | 2.917 #   |
| -----                       |                 |        |       |          |          |          |           |

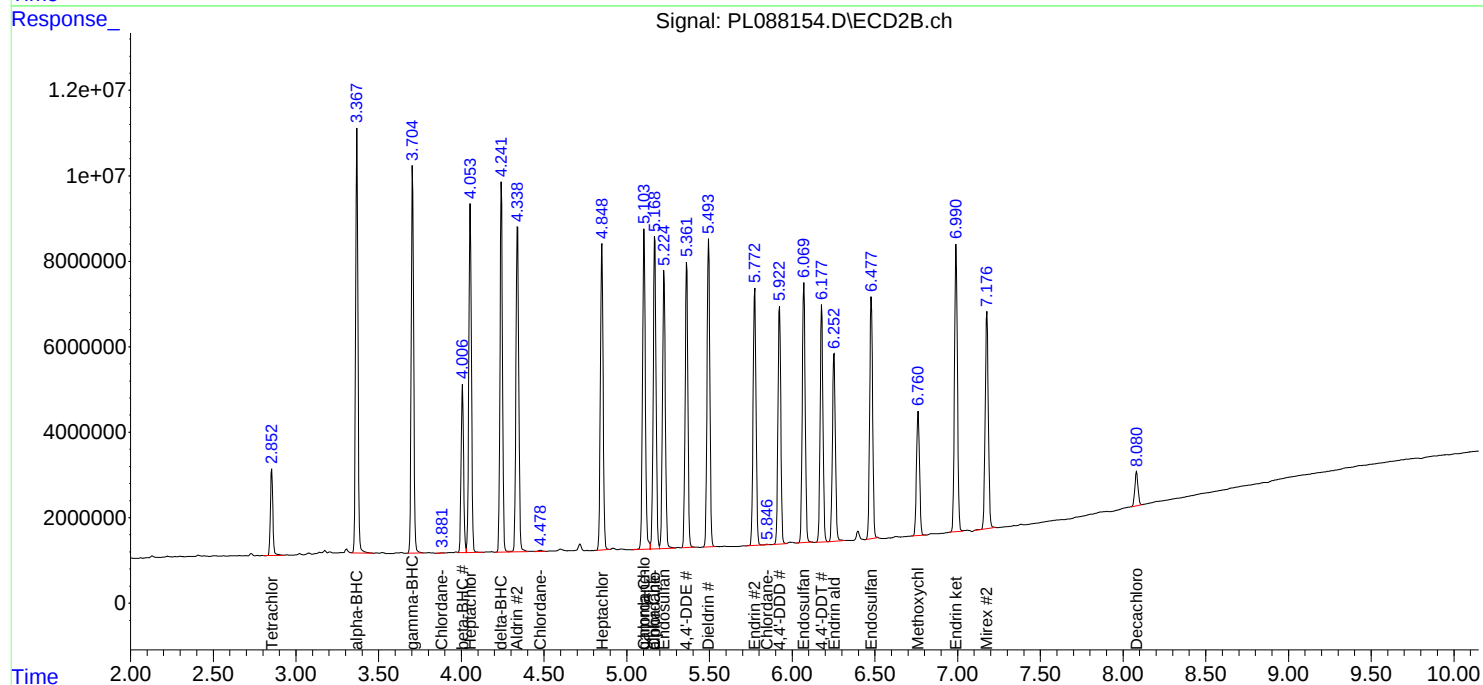
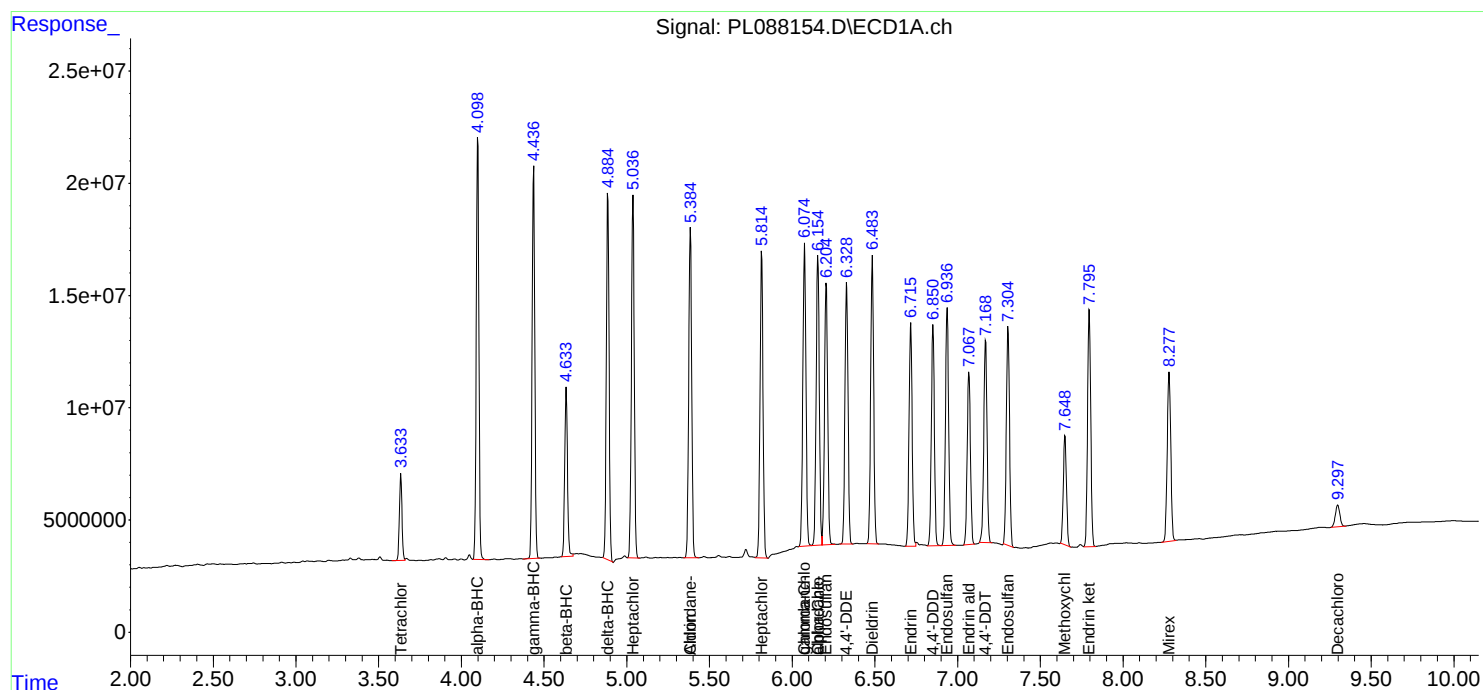
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

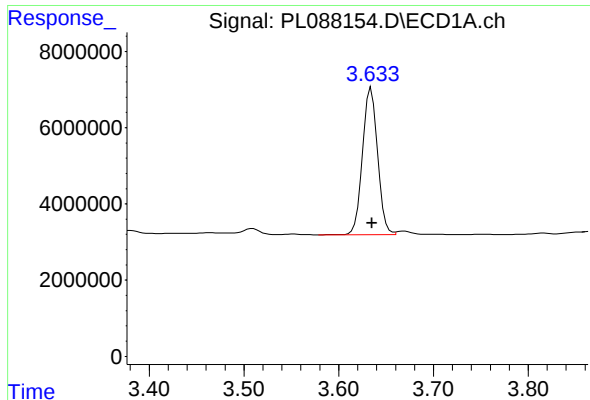
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022024\  
Data File : PL088154.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Feb 2024 15:48  
Operator : AR\AJ  
Sample : P1523-04MS  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
20240765-COMPOSITE-39N-N-3-03MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 21 00:16:12 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL021524.M  
Quant Title : GC Extractables  
QLast Update : Fri Feb 16 21:46:54 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

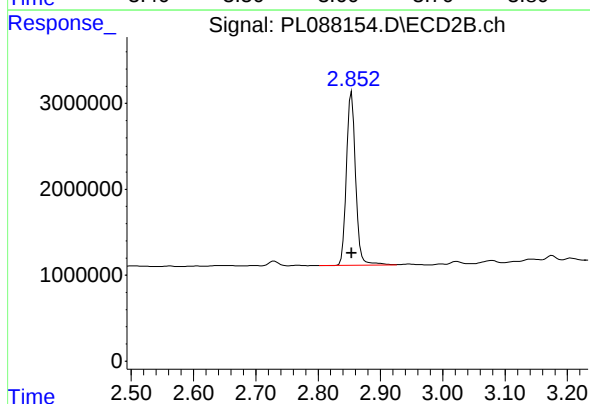
R.T.: 3.634 min  
Delta R.T.: 0.000 min  
Response: 42470553  
Conc: 15.46 ng/ml

Instrument :

ECD\_L

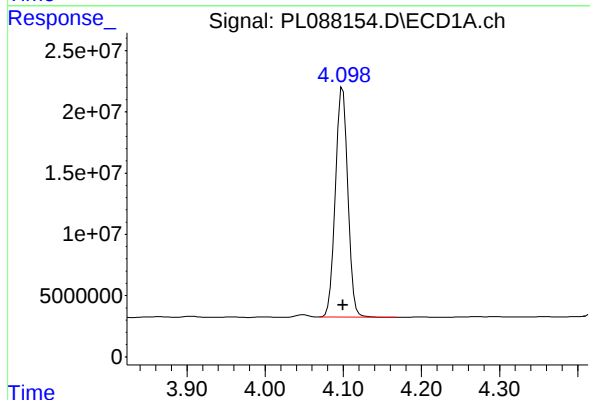
ClientSampleId :

20240765-COMPOSITE-39N-N-3-03MS



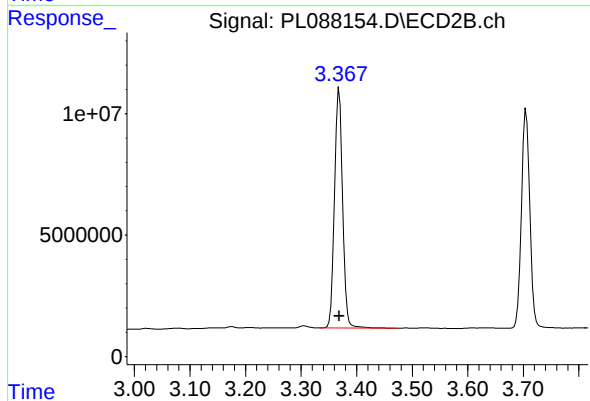
#1 Tetrachloro-m-xylene

R.T.: 2.854 min  
Delta R.T.: 0.000 min  
Response: 20686799  
Conc: 14.75 ng/ml



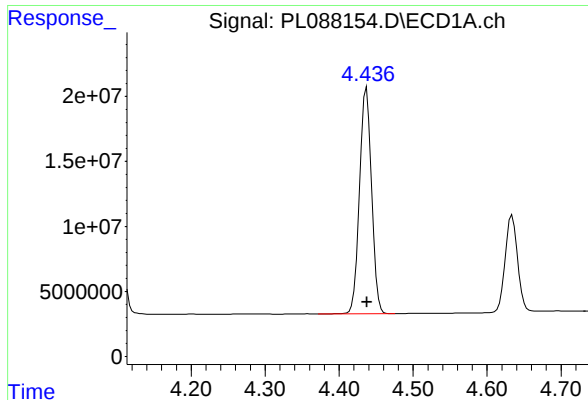
#2 alpha-BHC

R.T.: 4.099 min  
Delta R.T.: 0.000 min  
Response: 207336182  
Conc: 49.67 ng/ml



#2 alpha-BHC

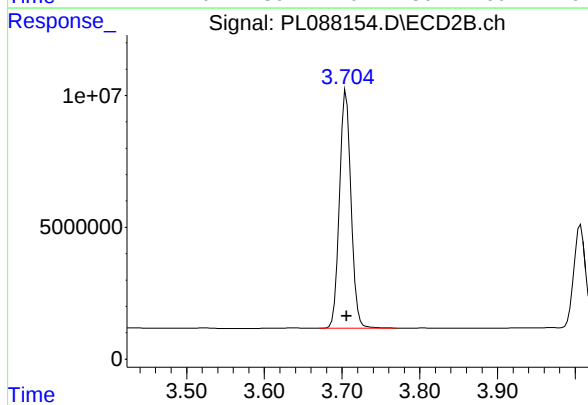
R.T.: 3.369 min  
Delta R.T.: 0.000 min  
Response: 99890635  
Conc: 48.61 ng/ml



#3 gamma-BHC (Lindane)

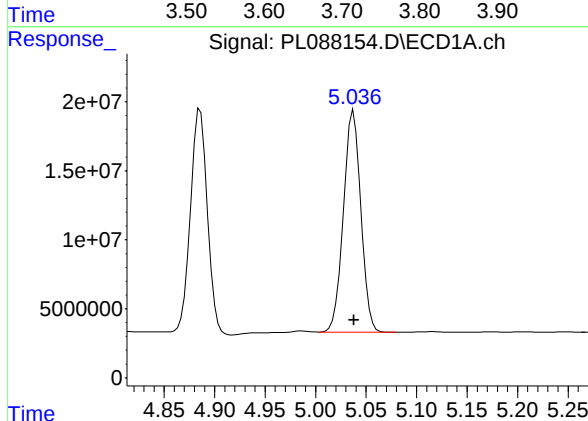
R.T.: 4.437 min  
Delta R.T.: 0.000 min  
Response: 196361387  
Conc: 48.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
20240765-COMPOSITE-39N-N-3-03MS



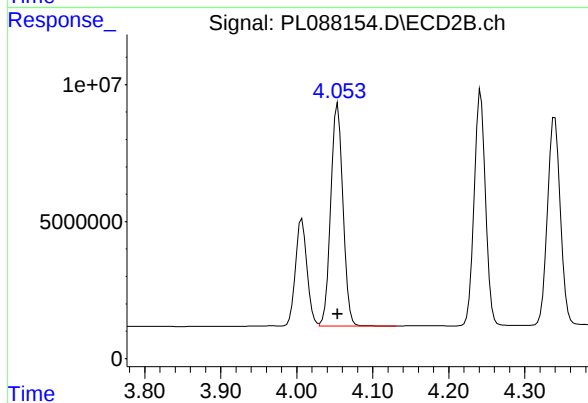
#3 gamma-BHC (Lindane)

R.T.: 3.705 min  
Delta R.T.: 0.000 min  
Response: 94080816  
Conc: 46.98 ng/ml



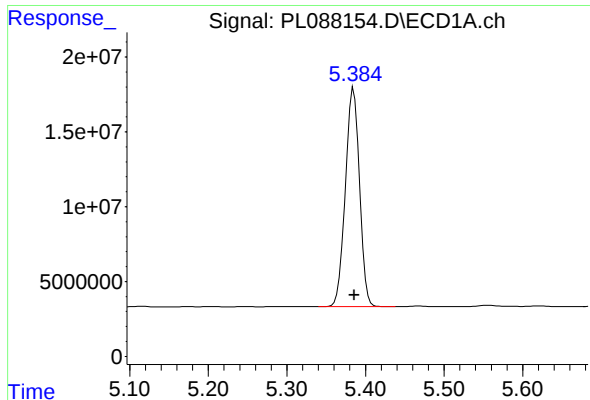
#4 Heptachlor

R.T.: 5.038 min  
Delta R.T.: 0.000 min  
Response: 193011938  
Conc: 50.16 ng/ml



#4 Heptachlor

R.T.: 4.054 min  
Delta R.T.: 0.000 min  
Response: 90424844  
Conc: 49.64 ng/ml



#5 Aldrin

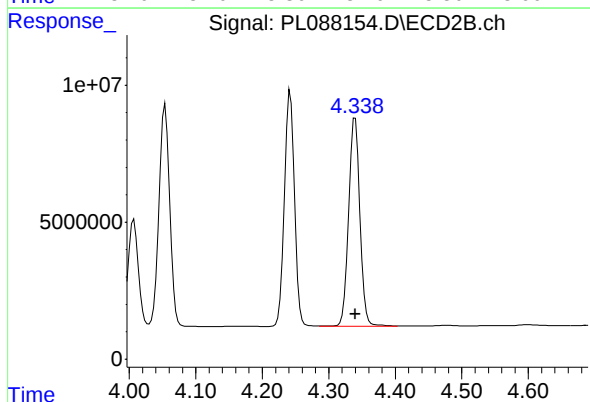
R.T.: 5.385 min  
Delta R.T.: 0.000 min  
Response: 182673583  
Conc: 47.84 ng/ml

Instrument :

ECD\_L

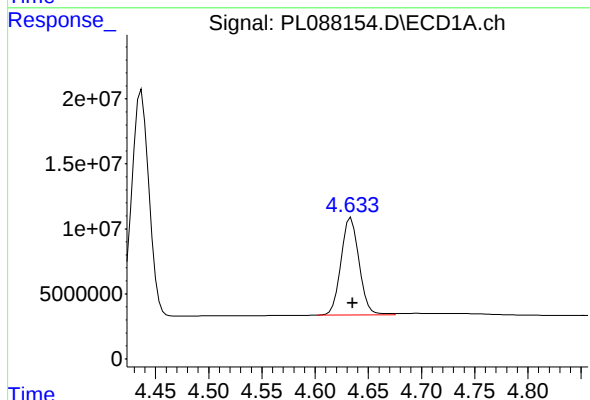
ClientSampleId :

20240765-COMPOSITE-39N-N-3-03MS



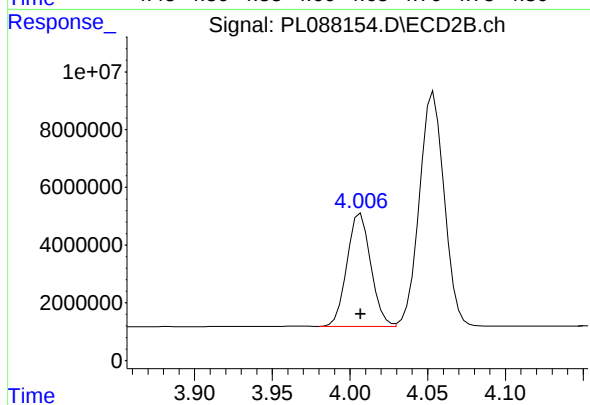
#5 Aldrin

R.T.: 4.340 min  
Delta R.T.: 0.000 min  
Response: 90304594  
Conc: 46.56 ng/ml



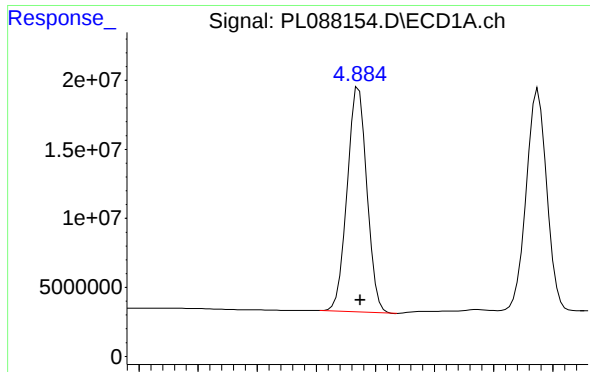
#6 beta-BHC

R.T.: 4.634 min  
Delta R.T.: -0.001 min  
Response: 88523623  
Conc: 50.83 ng/ml



#6 beta-BHC

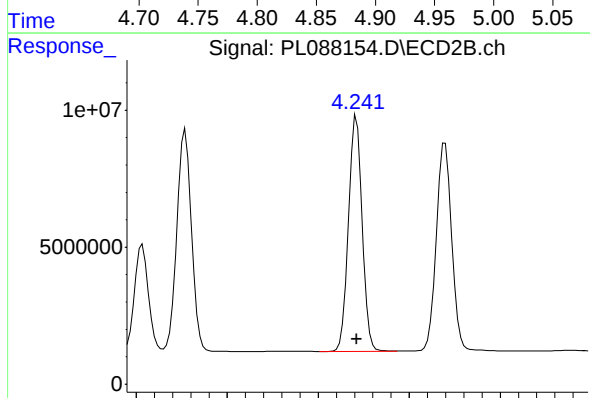
R.T.: 4.007 min  
Delta R.T.: 0.000 min  
Response: 41692719  
Conc: 46.84 ng/ml



#7 delta-BHC

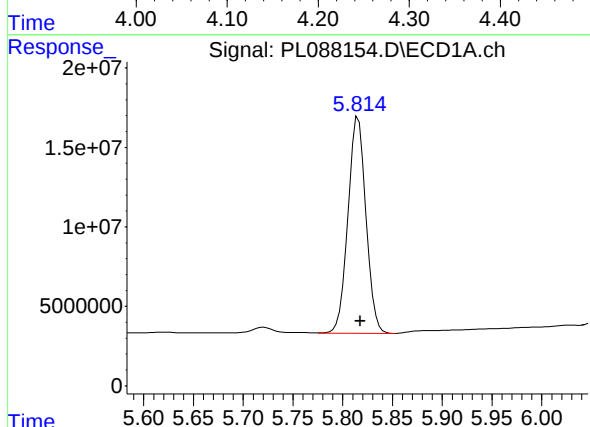
R.T.: 4.886 min  
Delta R.T.: -0.001 min  
Response: 188900139  
Conc: 49.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
20240765-COMPOSITE-39N-N-3-03MS



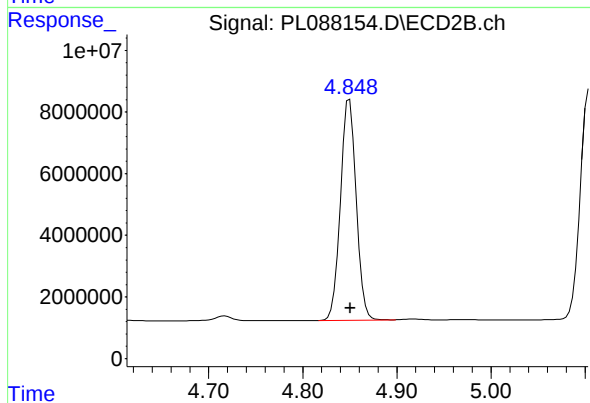
#7 delta-BHC

R.T.: 4.242 min  
Delta R.T.: 0.000 min  
Response: 90507481  
Conc: 45.37 ng/ml



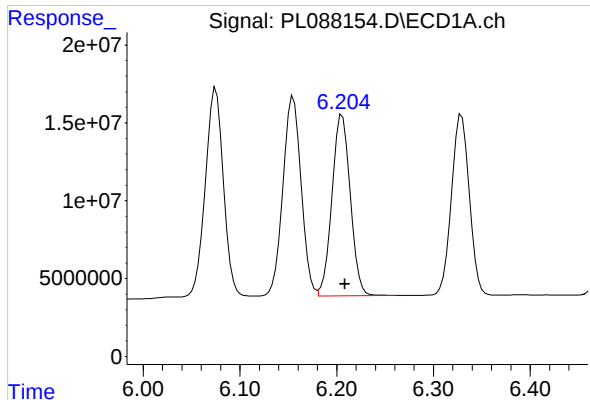
#8 Heptachlor epoxide

R.T.: 5.816 min  
Delta R.T.: -0.002 min  
Response: 171796000  
Conc: 49.03 ng/ml



#8 Heptachlor epoxide

R.T.: 4.850 min  
Delta R.T.: 0.000 min  
Response: 83442836  
Conc: 48.10 ng/ml



#9 Endosulfan I

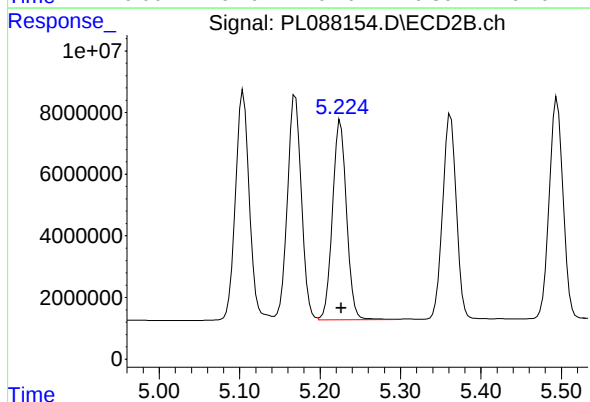
R.T.: 6.206 min  
Delta R.T.: -0.003 min  
Response: 153809545  
Conc: 49.14 ng/ml

Instrument :

ECD\_L

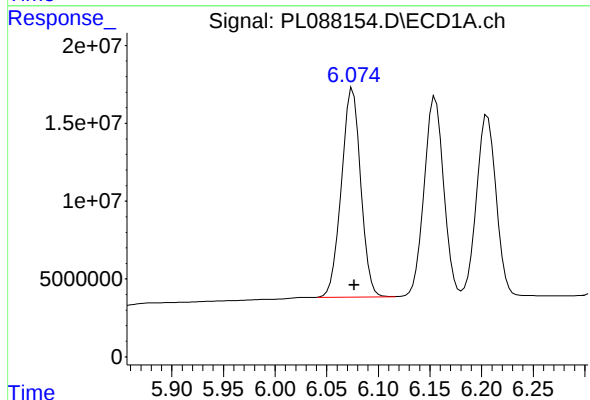
ClientSampleId :

20240765-COMPOSITE-39N-N-3-03MS



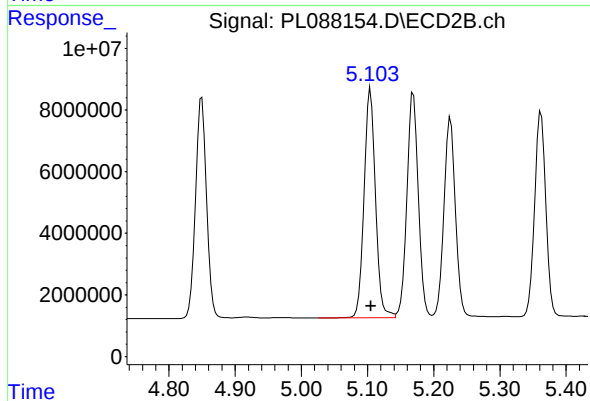
#9 Endosulfan I

R.T.: 5.225 min  
Delta R.T.: -0.001 min  
Response: 78515321  
Conc: 48.80 ng/ml



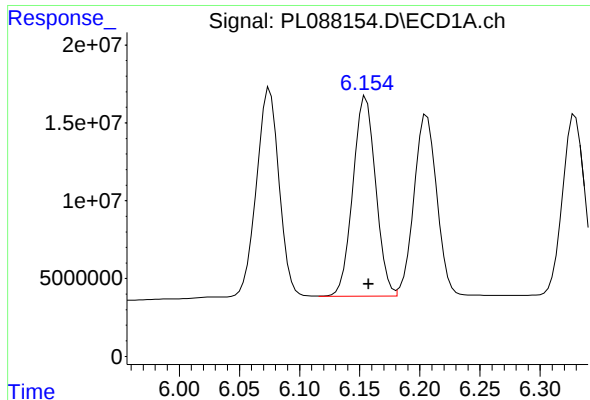
#10 gamma-Chlordane

R.T.: 6.075 min  
Delta R.T.: -0.002 min  
Response: 174710728  
Conc: 51.41 ng/ml



#10 gamma-Chlordane

R.T.: 5.104 min  
Delta R.T.: 0.000 min  
Response: 89589235  
Conc: 50.22 ng/ml



#11 alpha-Chlordane

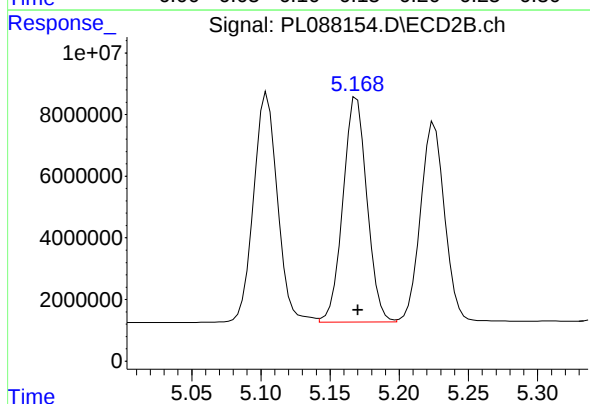
R.T.: 6.155 min  
Delta R.T.: -0.002 min  
Response: 169363512  
Conc: 49.63 ng/ml

Instrument :

ECD\_L

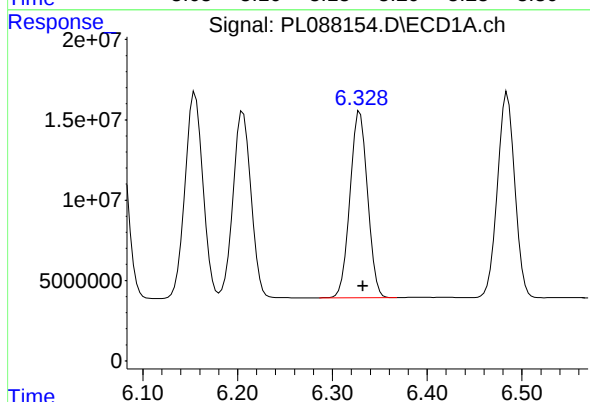
ClientSampleId :

20240765-COMPOSITE-39N-N-3-03MS



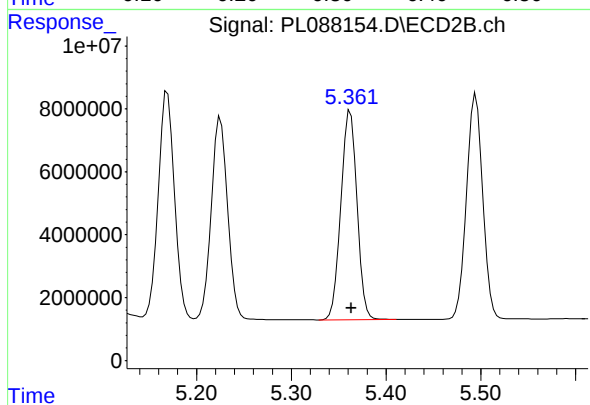
#11 alpha-Chlordane

R.T.: 5.169 min  
Delta R.T.: -0.001 min  
Response: 87986458  
Conc: 49.39 ng/ml



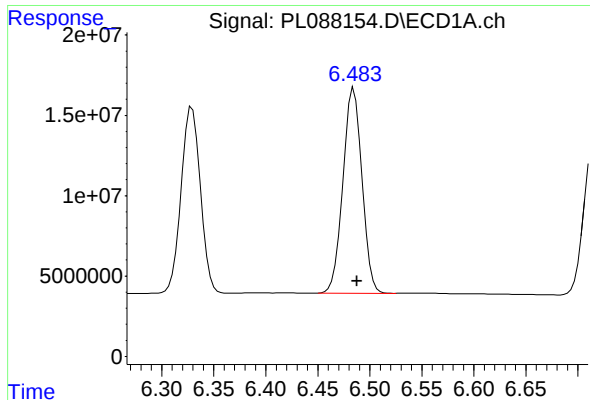
#12 4,4'-DDE

R.T.: 6.329 min  
Delta R.T.: -0.003 min  
Response: 149715831  
Conc: 49.36 ng/ml



#12 4,4'-DDE

R.T.: 5.362 min  
Delta R.T.: 0.000 min  
Response: 78453982  
Conc: 49.36 ng/ml



#13 Dieldrin

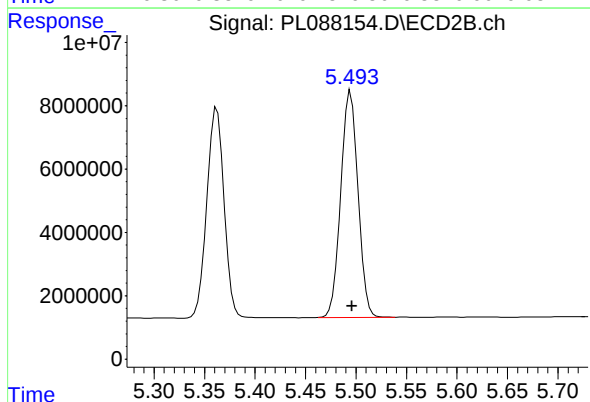
R.T.: 6.485 min  
Delta R.T.: -0.003 min  
Response: 162656784  
Conc: 49.47 ng/ml

Instrument :

ECD\_L

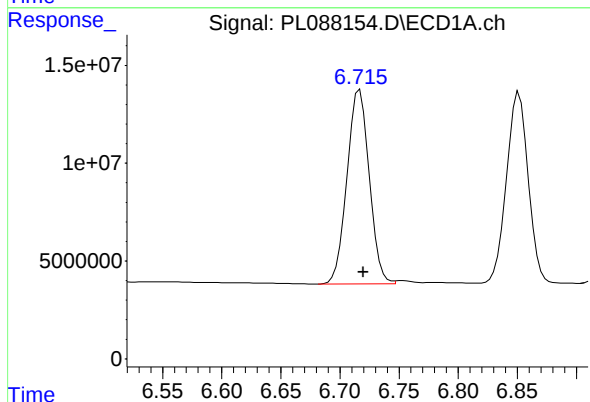
ClientSampleId :

20240765-COMPOSITE-39N-N-3-03MS



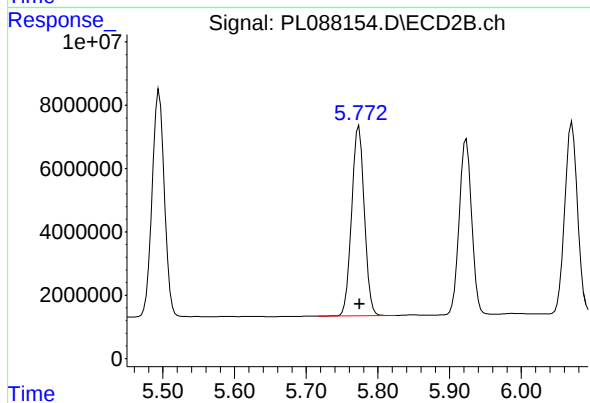
#13 Dieldrin

R.T.: 5.495 min  
Delta R.T.: -0.001 min  
Response: 85249146  
Conc: 49.41 ng/ml



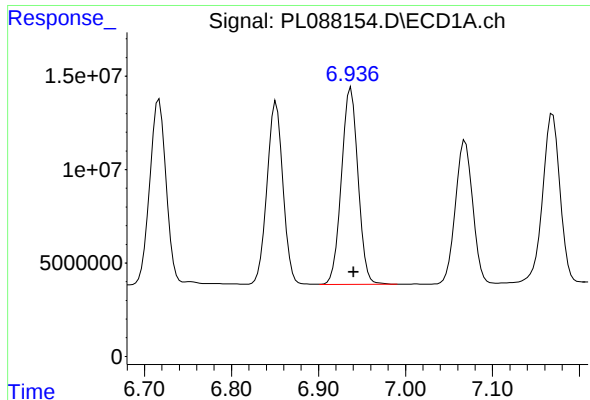
#14 Endrin

R.T.: 6.717 min  
Delta R.T.: -0.003 min  
Response: 129993121  
Conc: 49.99 ng/ml



#14 Endrin

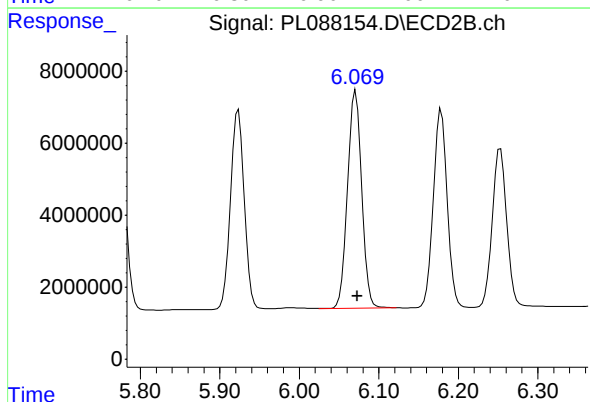
R.T.: 5.774 min  
Delta R.T.: -0.001 min  
Response: 73470767  
Conc: 49.14 ng/ml



#15 Endosulfan II

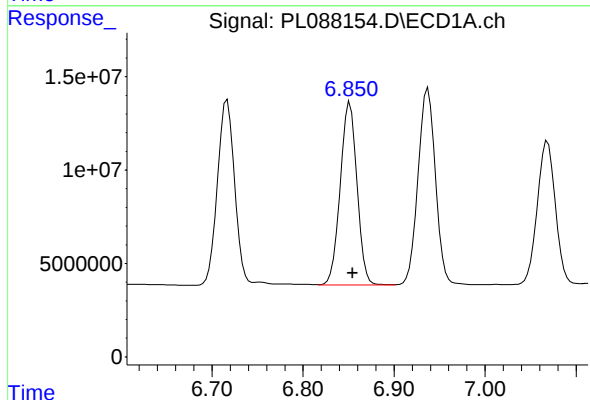
R.T.: 6.937 min  
Delta R.T.: -0.003 min  
Response: 140021254  
Conc: 48.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
20240765-COMPOSITE-39N-N-3-03MS



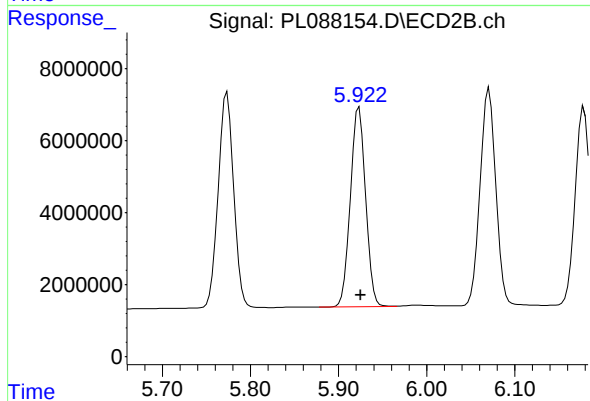
#15 Endosulfan II

R.T.: 6.071 min  
Delta R.T.: -0.002 min  
Response: 74813828  
Conc: 49.11 ng/ml



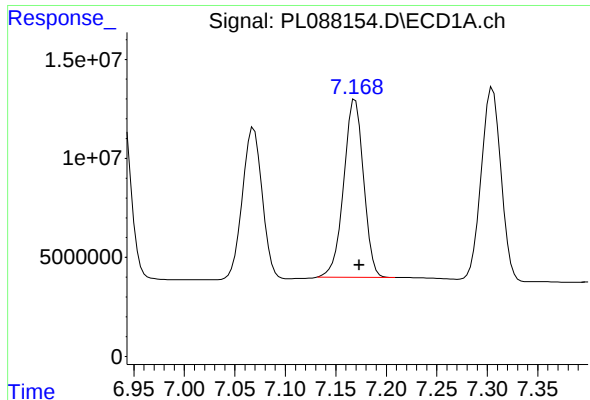
#16 4,4'-DDD

R.T.: 6.851 min  
Delta R.T.: -0.003 min  
Response: 125248155  
Conc: 48.29 ng/ml



#16 4,4'-DDD

R.T.: 5.923 min  
Delta R.T.: -0.002 min  
Response: 66831212  
Conc: 48.92 ng/ml



#17 4,4'-DDT

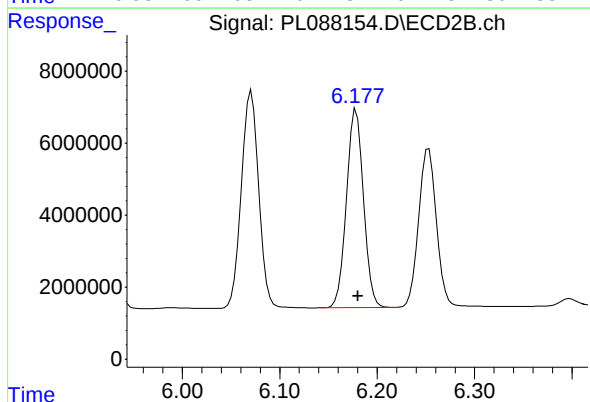
R.T.: 7.169 min  
Delta R.T.: -0.004 min  
Response: 122935964  
Conc: 46.76 ng/ml

Instrument :

ECD\_L

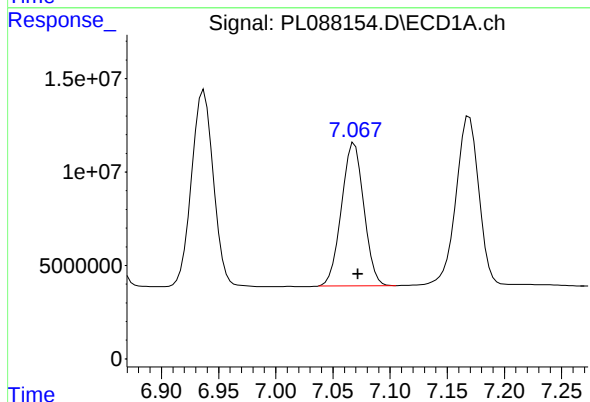
ClientSampleId :

20240765-COMPOSITE-39N-N-3-03MS



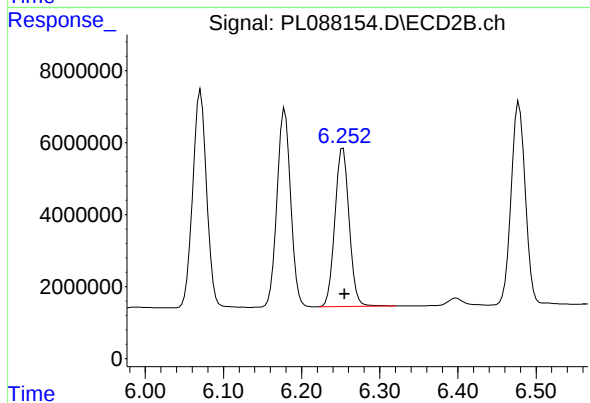
#17 4,4'-DDT

R.T.: 6.178 min  
Delta R.T.: -0.002 min  
Response: 66762709  
Conc: 48.90 ng/ml



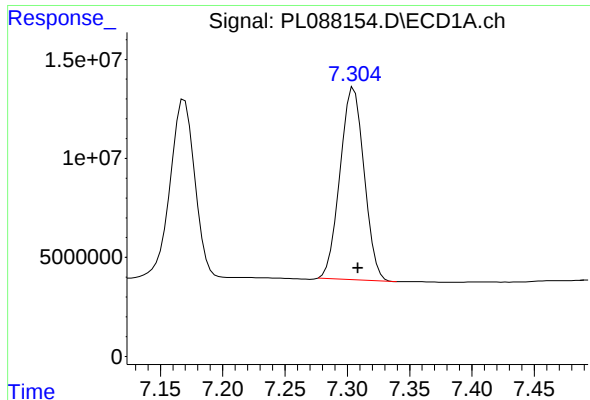
#18 Endrin aldehyde

R.T.: 7.069 min  
Delta R.T.: -0.003 min  
Response: 104335802  
Conc: 50.46 ng/ml



#18 Endrin aldehyde

R.T.: 6.253 min  
Delta R.T.: -0.002 min  
Response: 55818833  
Conc: 51.11 ng/ml



#19 Endosulfan Sulfate

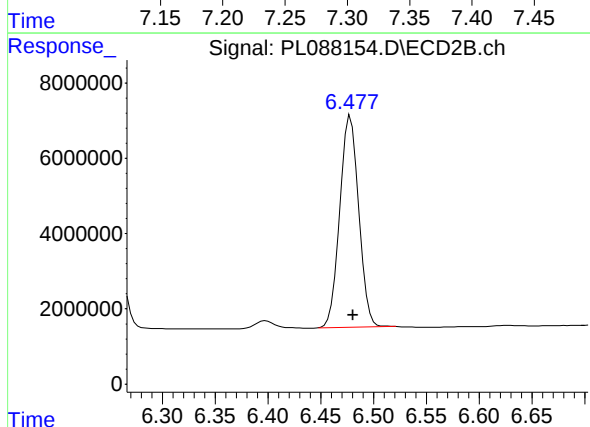
R.T.: 7.305 min  
Delta R.T.: -0.003 min  
Response: 130410455  
Conc: 50.06 ng/ml

Instrument :

ECD\_L

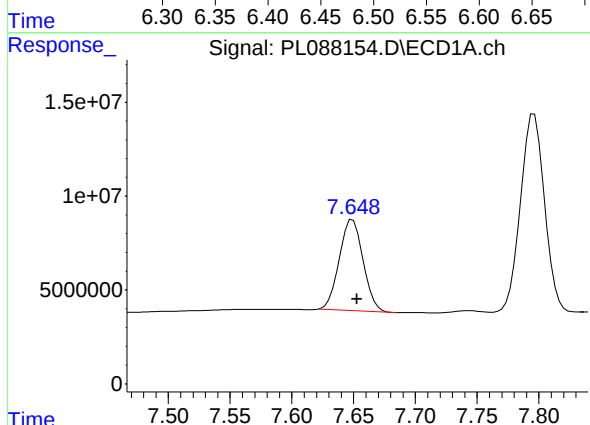
ClientSampleId :

20240765-COMPOSITE-39N-N-3-03MS



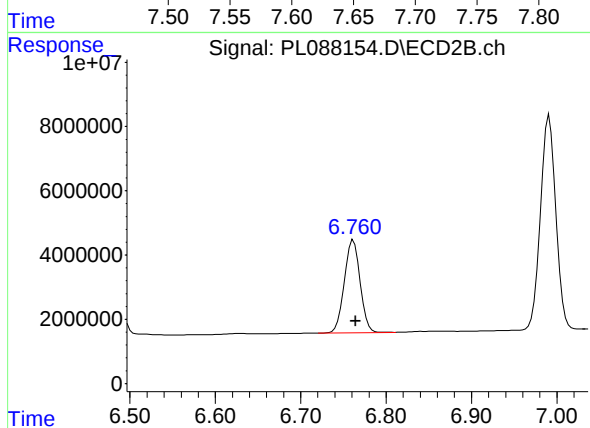
#19 Endosulfan Sulfate

R.T.: 6.478 min  
Delta R.T.: -0.002 min  
Response: 70412276  
Conc: 50.14 ng/ml



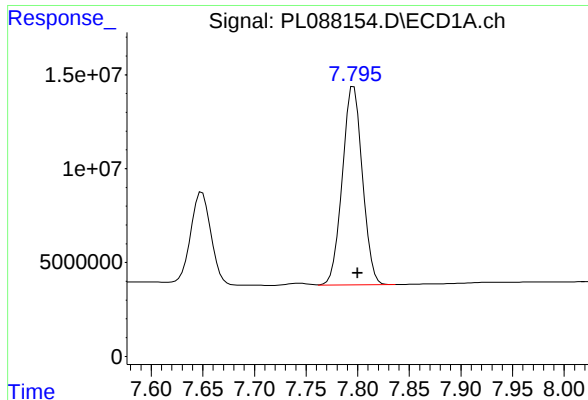
#20 Methoxychlor

R.T.: 7.649 min  
Delta R.T.: -0.003 min  
Response: 64770120  
Conc: 48.93 ng/ml



#20 Methoxychlor

R.T.: 6.762 min  
Delta R.T.: -0.002 min  
Response: 37107845  
Conc: 47.35 ng/ml



#21 Endrin ketone

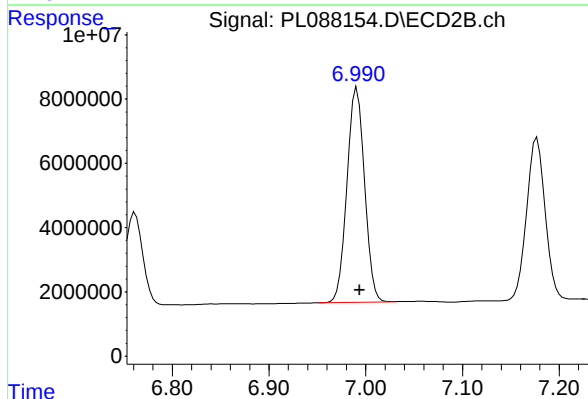
R.T.: 7.796 min  
Delta R.T.: -0.004 min  
Response: 143081797  
Conc: 51.08 ng/ml

Instrument :

ECD\_L

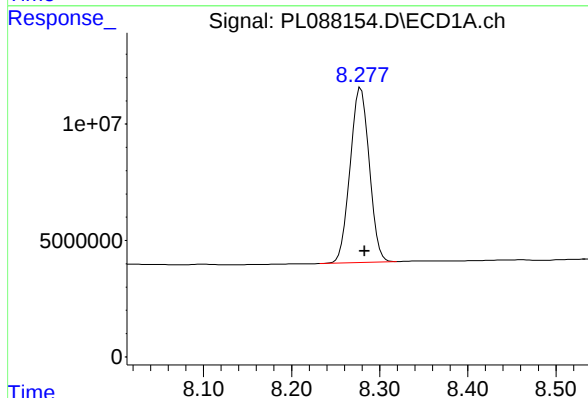
ClientSampleId :

20240765-COMPOSITE-39N-N-3-03MS



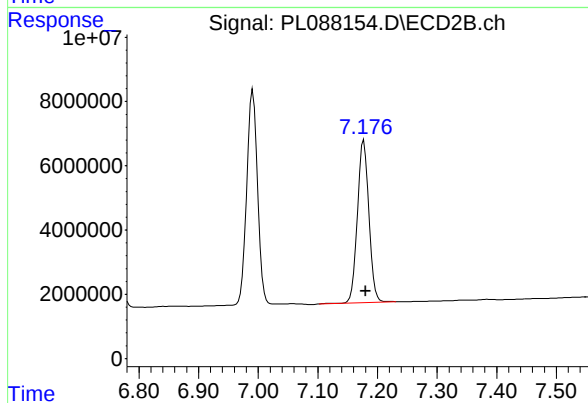
#21 Endrin ketone

R.T.: 6.991 min  
Delta R.T.: -0.003 min  
Response: 83943612  
Conc: 50.14 ng/ml



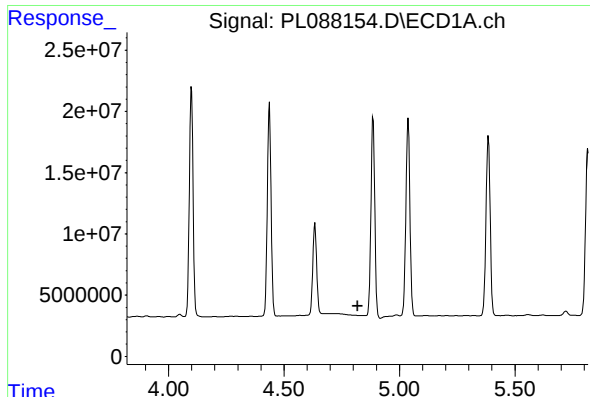
#22 Mirex

R.T.: 8.279 min  
Delta R.T.: -0.004 min  
Response: 113725370  
Conc: 49.08 ng/ml



#22 Mirex

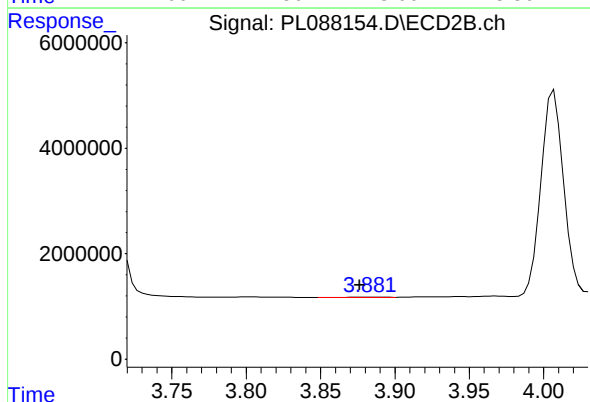
R.T.: 7.177 min  
Delta R.T.: -0.003 min  
Response: 67907364  
Conc: 51.83 ng/ml



#23 Chlordane-1

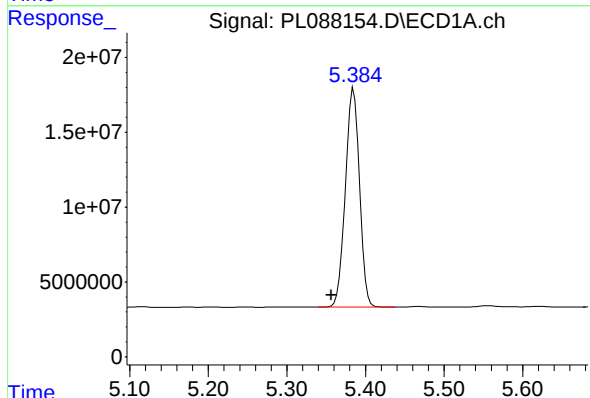
R.T.: 0.000 min  
Exp R.T.: 4.820 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
20240765-COMPOSITE-39N-N-3-03MS



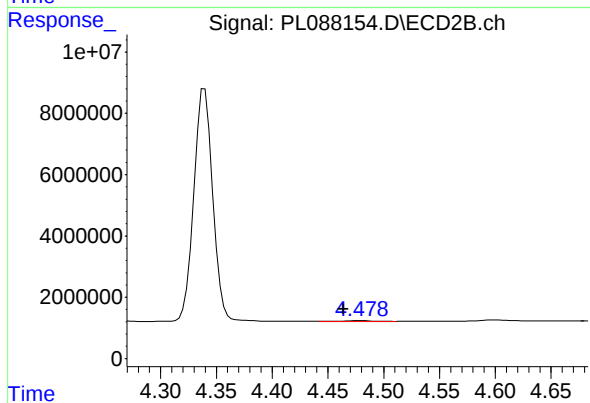
#23 Chlordane-1

R.T.: 3.883 min  
Delta R.T.: 0.006 min  
Response: 77643  
Conc: 1.51 ng/ml



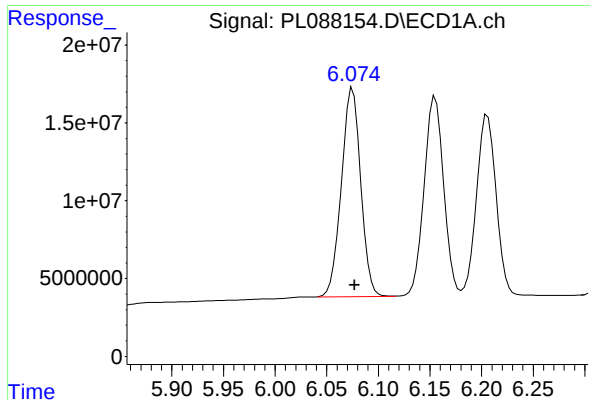
#24 Chlordane-2

R.T.: 5.385 min  
Delta R.T.: 0.028 min  
Response: 182673583  
Conc: 1361.00 ng/ml



#24 Chlordane-2

R.T.: 4.479 min  
Delta R.T.: 0.015 min  
Response: 468628  
Conc: 7.38 ng/ml



#25 Chlordane-3

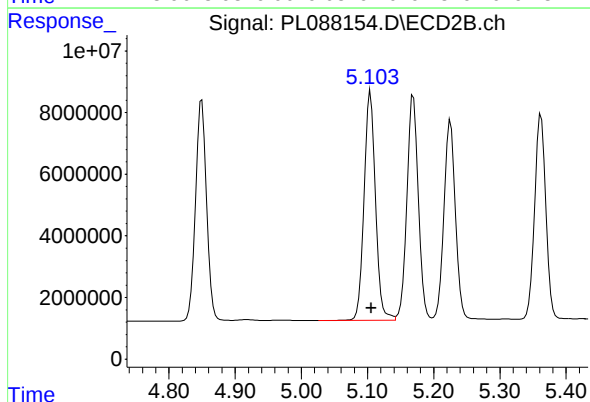
R.T.: 6.075 min  
Delta R.T.: -0.002 min  
Response: 174710728  
Conc: 345.91 ng/ml

Instrument :

ECD\_L

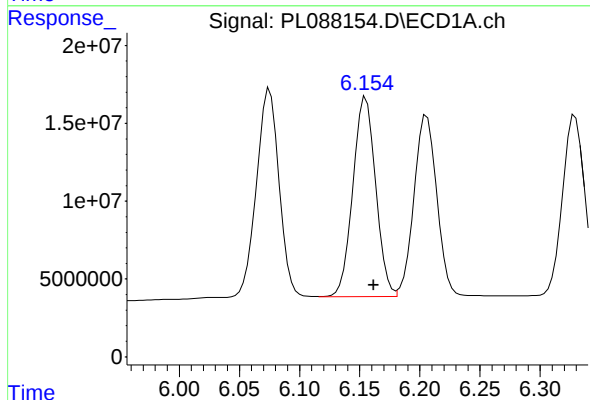
ClientSampleId :

20240765-COMPOSITE-39N-N-3-03MS



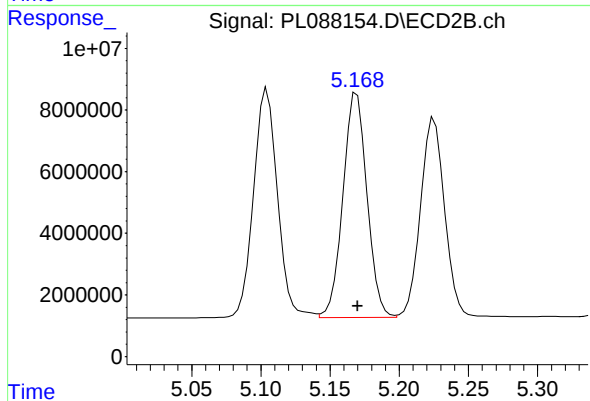
#25 Chlordane-3

R.T.: 5.104 min  
Delta R.T.: -0.001 min  
Response: 89589235  
Conc: 481.15 ng/ml



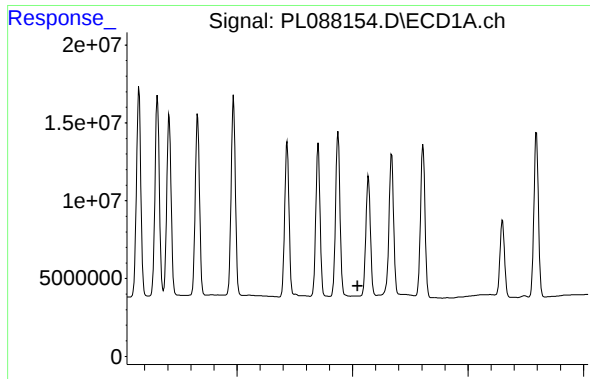
#26 Chlordane-4

R.T.: 6.155 min  
Delta R.T.: -0.006 min  
Response: 169363512  
Conc: 275.86 ng/ml



#26 Chlordane-4

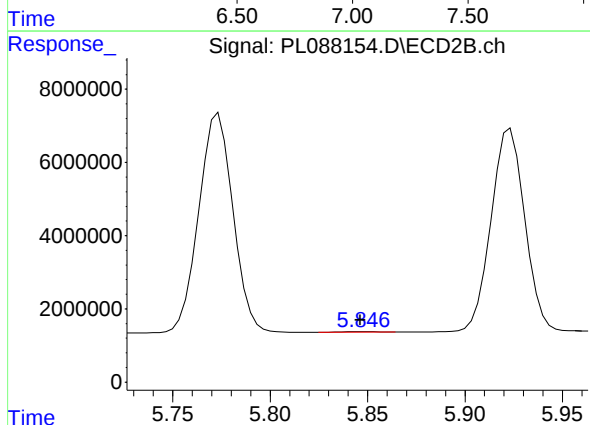
R.T.: 5.169 min  
Delta R.T.: 0.000 min  
Response: 87986458  
Conc: 508.82 ng/ml



#27 Chlordane-5

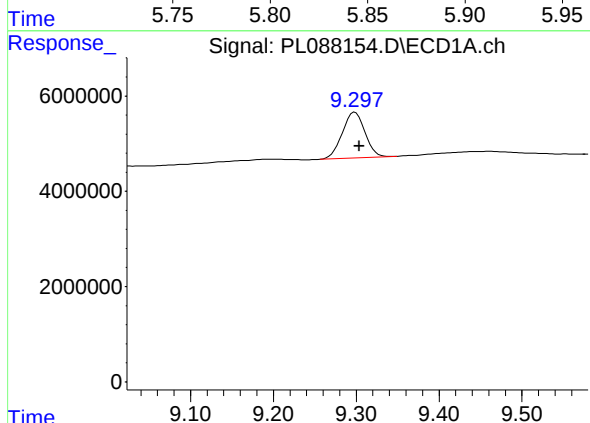
R.T.: 0.000 min  
Exp R.T.: 7.022 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
20240765-COMPOSITE-39N-N-3-03MS



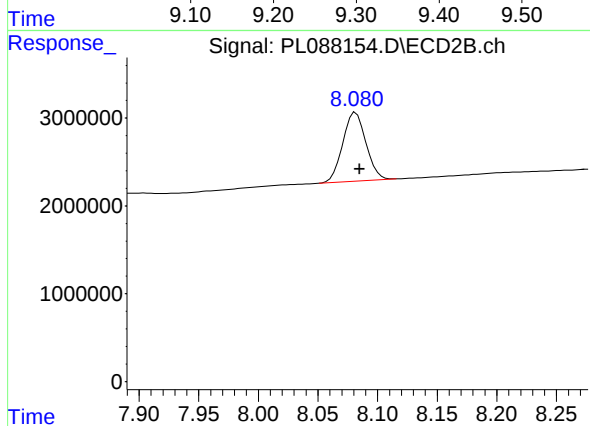
#27 Chlordane-5

R.T.: 5.848 min  
Delta R.T.: 0.002 min  
Response: 154312  
Conc: 2.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.298 min  
Delta R.T.: -0.005 min  
Response: 18452937  
Conc: 9.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.082 min  
Delta R.T.: -0.003 min  
Response: 10590750  
Conc: 8.32 ng/ml