

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080624\  
 Data File : PL090825.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Aug 2024 17:09  
 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: Aug 07 02:16:42 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080524.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 06 10:55:36 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... | 3.546 | 2.786  | 98730222 | 90563163 | 50.991  | 52.385    |
| 28)                         | SA Decachlor... | 9.059 | 7.928  | 72174227 | 82633751 | 50.235  | 49.506    |
| Target Compounds            |                 |       |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.001 | 3.290  | 139.3E6  | 131.8E6  | 50.421  | 53.512    |
| 3)                          | MA gamma-BHC... | 4.334 | 3.620  | 133.5E6  | 124.1E6  | 50.750  | 53.007    |
| 4)                          | MA Heptachlor   | 4.923 | 3.960  | 119.8E6  | 117.7E6  | 48.428  | 50.769    |
| 5)                          | MB Aldrin       | 5.265 | 4.240  | 117.6E6  | 115.2E6  | 48.906  | 51.976    |
| 6)                          | B beta-BHC      | 4.530 | 3.918  | 62289897 | 54294272 | 49.480  | 51.046    |
| 7)                          | B delta-BHC     | 4.777 | 4.148  | 125.1E6  | 119.0E6  | 49.989  | 53.232    |
| 8)                          | B Heptachlo...  | 5.689 | 4.743  | 108.7E6  | 103.5E6  | 47.844  | 50.789    |
| 9)                          | A Endosulfan I  | 6.075 | 5.113  | 101.2E6  | 96409026 | 48.276  | 49.925    |
| 10)                         | B gamma-Chl...  | 5.945 | 4.993  | 108.8E6  | 107.9E6  | 48.168  | 50.543    |
| 11)                         | B alpha-Chl...  | 6.025 | 5.057  | 107.9E6  | 107.4E6  | 48.166  | 50.347    |
| 12)                         | B 4,4'-DDE      | 6.198 | 5.246  | 97337543 | 95841884 | 49.102  | 51.091    |
| 13)                         | MA Dieldrin     | 6.350 | 5.377  | 106.4E6  | 104.2E6  | 48.532  | 50.473    |
| 14)                         | MA Endrin       | 6.579 | 5.652  | 79654088 | 82183796 | 43.493  | 44.978    |
| 15)                         | B Endosulfa...  | 6.798 | 5.946  | 94802549 | 90144434 | 47.275  | 49.631    |
| 16)                         | A 4,4'-DDD      | 6.714 | 5.800  | 83938805 | 82128824 | 50.916  | 52.928    |
| 17)                         | MA 4,4'-DDT     | 7.028 | 6.050  | 79568310 | 75225171 | 44.632  | 45.364    |
| 18)                         | B Endrin al...  | 6.929 | 6.126  | 74828962 | 71550394 | 49.686  | 50.537    |
| 19)                         | B Endosulfa...  | 7.162 | 6.348  | 86503934 | 87012695 | 48.229  | 49.844    |
| 20)                         | A Methoxychlor  | 7.503 | 6.626  | 41392152 | 41435087 | 43.377  | 44.890    |
| 21)                         | B Endrin ke...  | 7.647 | 6.854  | 100.3E6  | 104.1E6  | 50.607  | 52.537    |
| 22)                         | Mirex           | 8.121 | 7.036  | 75446518 | 81930068 | 48.535  | 48.788    |
| 23)                         | Chlordane-1     | 0.000 | 3.781  | 0        | 135907   | N.D.    | 2.016 #   |
| 24)                         | Chlordane-2     | 0.000 | 4.377  | 0        | 915771   | N.D.    | 11.010 #  |
| 25)                         | Chlordane-3     | 5.945 | 4.993  | 108.8E6  | 107.9E6  | 330.965 | 482.030 # |
| 26)                         | Chlordane-4     | 6.025 | 5.057  | 107.9E6  | 107.4E6  | 269.178 | 502.058 # |
| 27)                         | Chlordane-5     | 0.000 | 5.747f | 0        | 295982   | N.D.    | 4.429 #   |
| -----                       |                 |       |        |          |          |         |           |

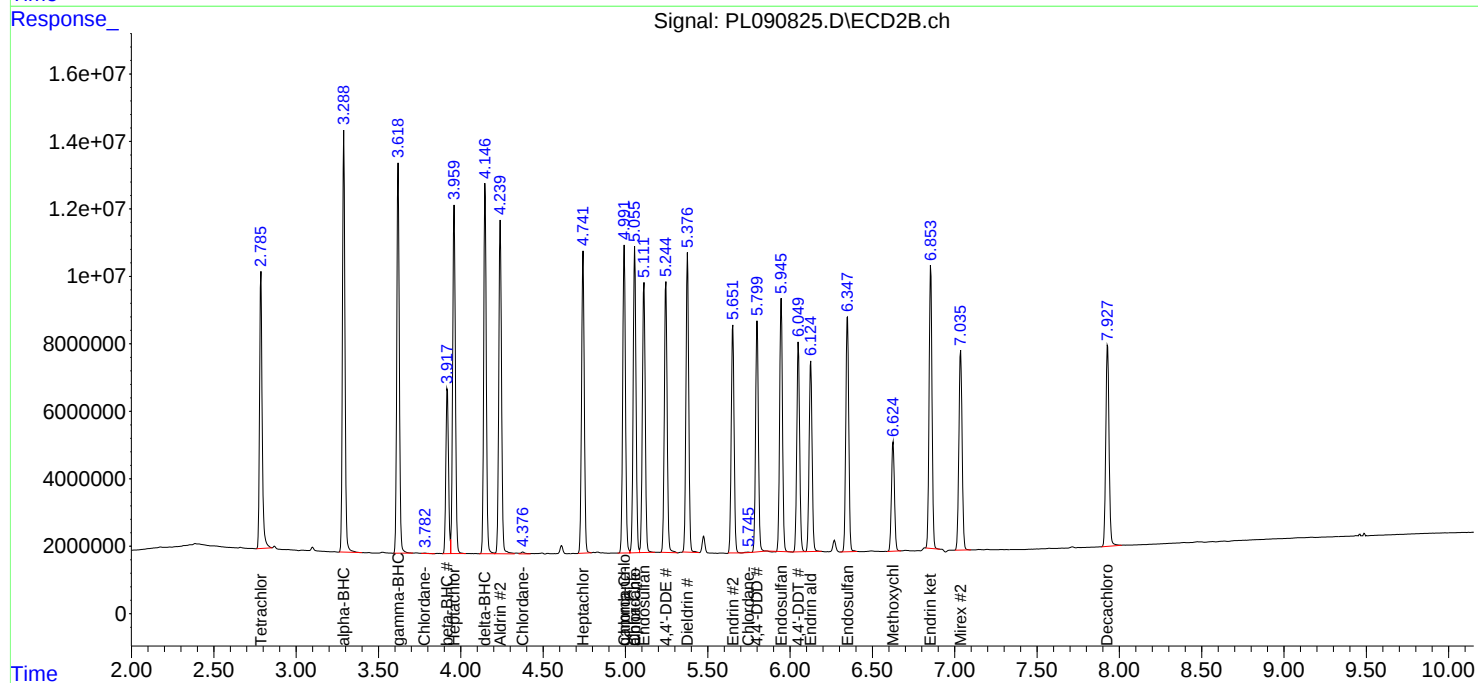
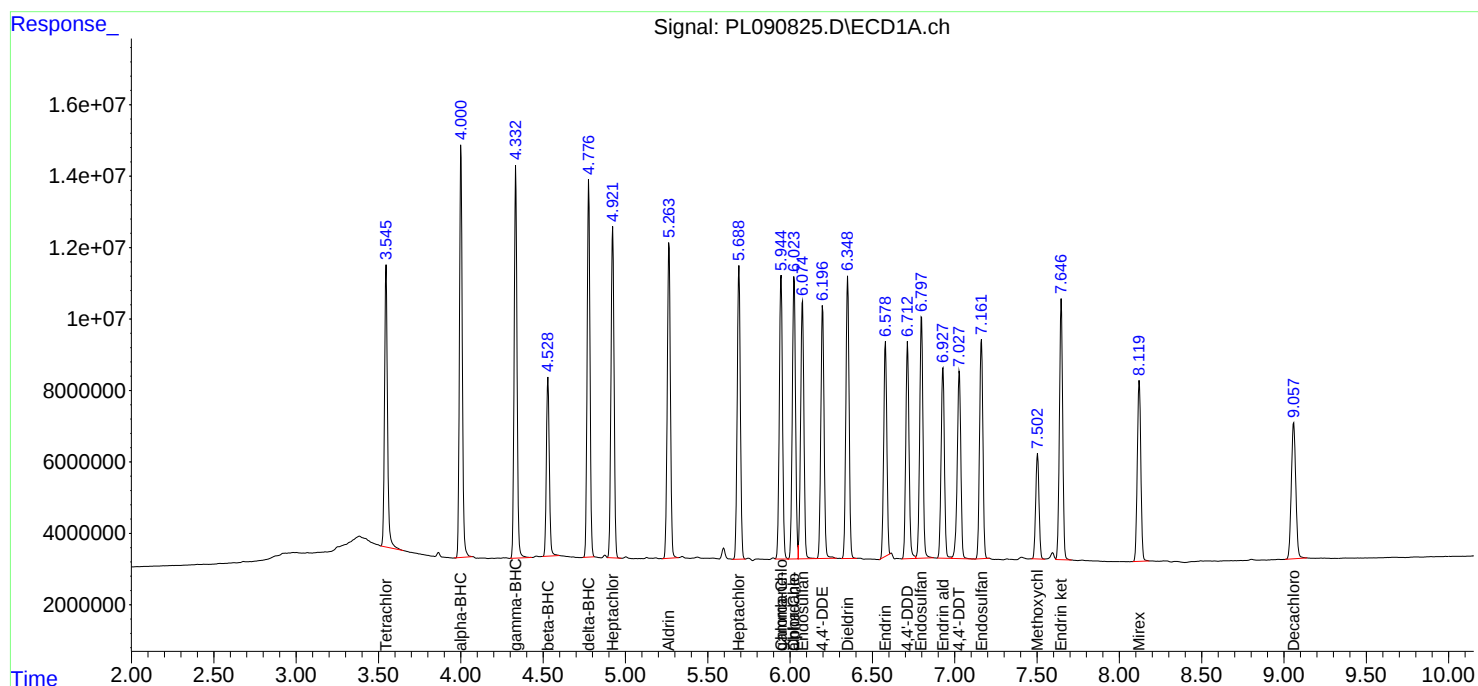
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

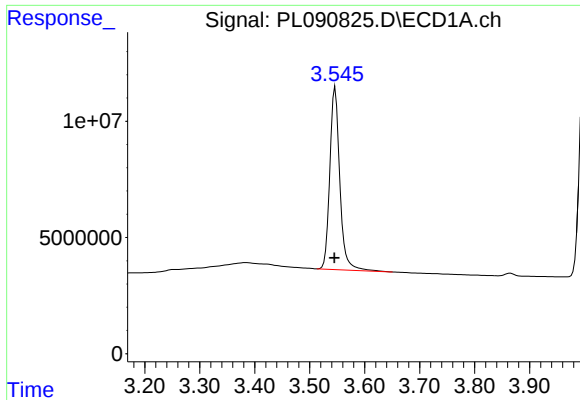
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080624\  
Data File : PL090825.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Aug 2024 17:09  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 07 02:16:42 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080524.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 06 10:55:36 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

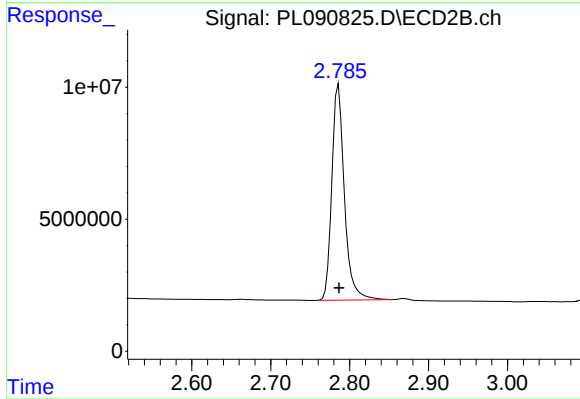




#1 Tetrachloro-m-xylene

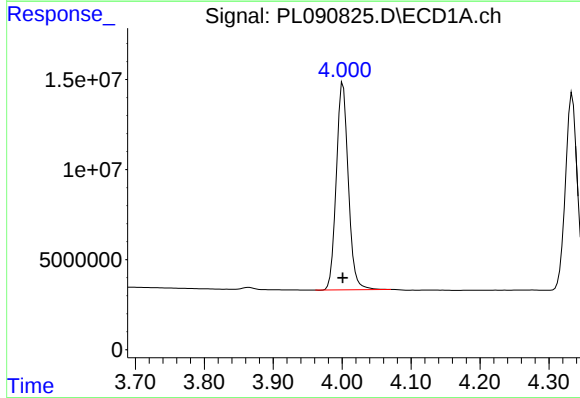
R.T.: 3.546 min  
Delta R.T.: 0.001 min  
Response: 98730222  
Conc: 50.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



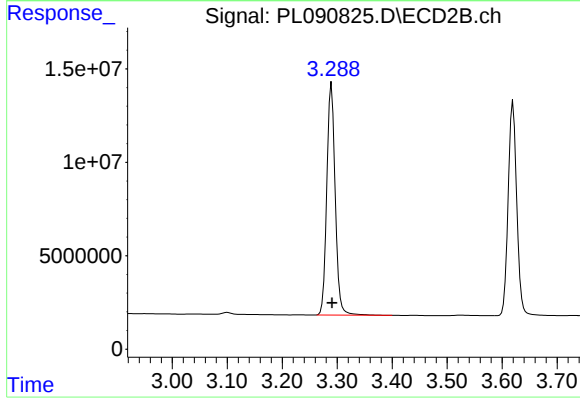
#1 Tetrachloro-m-xylene

R.T.: 2.786 min  
Delta R.T.: 0.000 min  
Response: 90563163  
Conc: 52.38 ng/ml



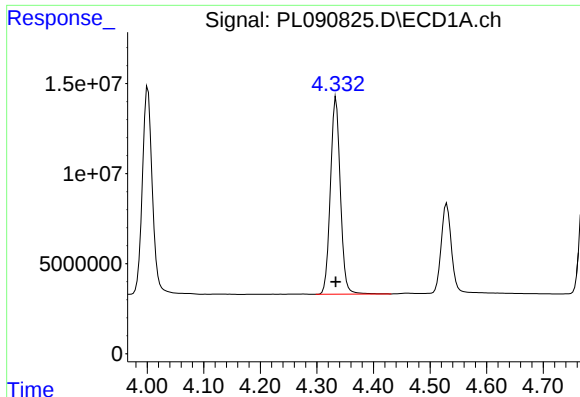
#2 alpha-BHC

R.T.: 4.001 min  
Delta R.T.: 0.000 min  
Response: 139273419  
Conc: 50.42 ng/ml



#2 alpha-BHC

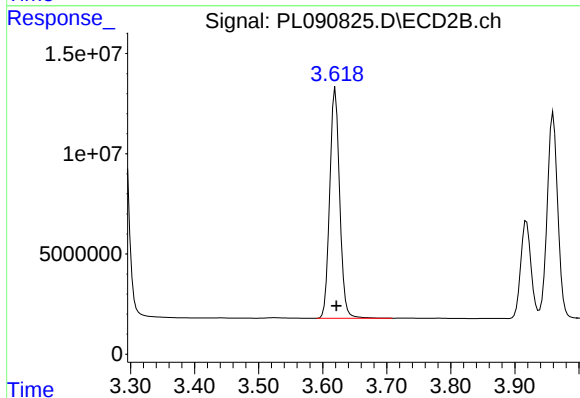
R.T.: 3.290 min  
Delta R.T.: 0.000 min  
Response: 131824095  
Conc: 53.51 ng/ml



#3 gamma-BHC (Lindane)

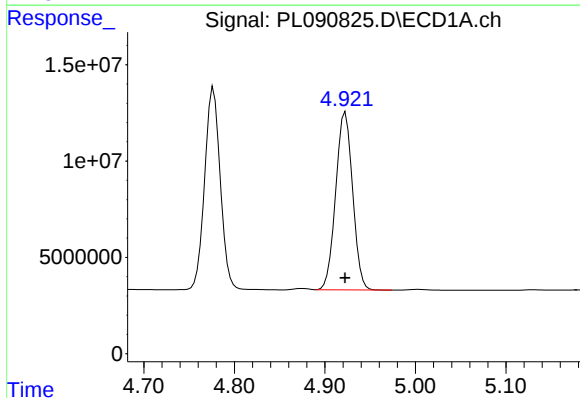
R.T.: 4.334 min  
Delta R.T.: 0.000 min  
Response: 133477737  
Conc: 50.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



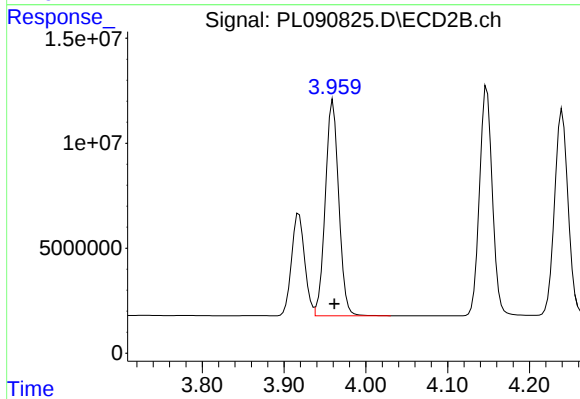
#3 gamma-BHC (Lindane)

R.T.: 3.620 min  
Delta R.T.: -0.001 min  
Response: 124101468  
Conc: 53.01 ng/ml



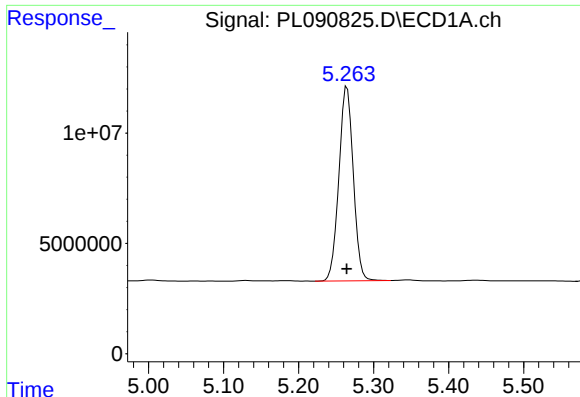
#4 Heptachlor

R.T.: 4.923 min  
Delta R.T.: 0.000 min  
Response: 119765192  
Conc: 48.43 ng/ml



#4 Heptachlor

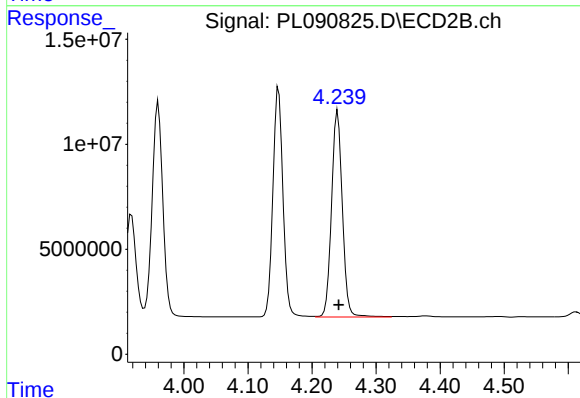
R.T.: 3.960 min  
Delta R.T.: -0.001 min  
Response: 117711502  
Conc: 50.77 ng/ml



#5 Aldrin

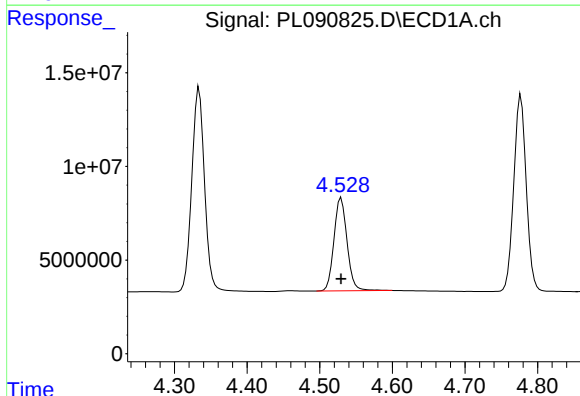
R.T.: 5.265 min  
Delta R.T.: 0.000 min  
Response: 117559648  
Conc: 48.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



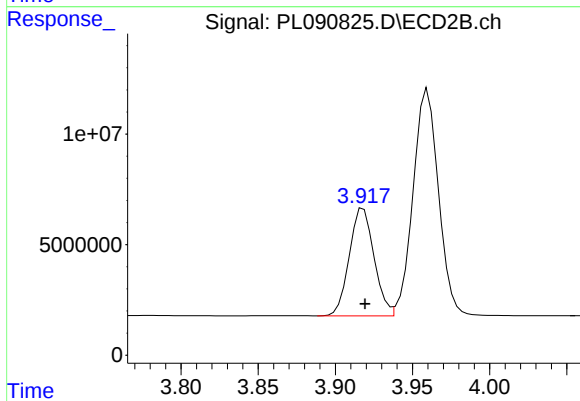
#5 Aldrin

R.T.: 4.240 min  
Delta R.T.: -0.002 min  
Response: 115235245  
Conc: 51.98 ng/ml



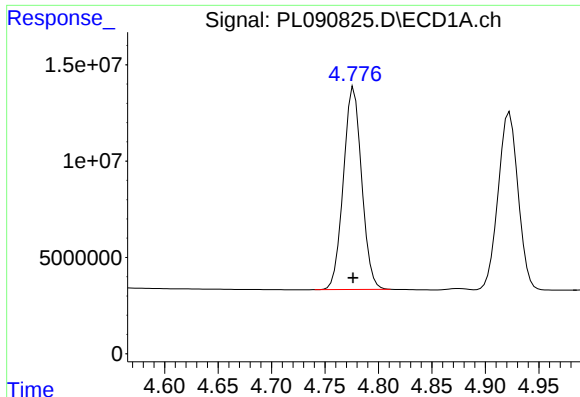
#6 beta-BHC

R.T.: 4.530 min  
Delta R.T.: 0.000 min  
Response: 62289897  
Conc: 49.48 ng/ml



#6 beta-BHC

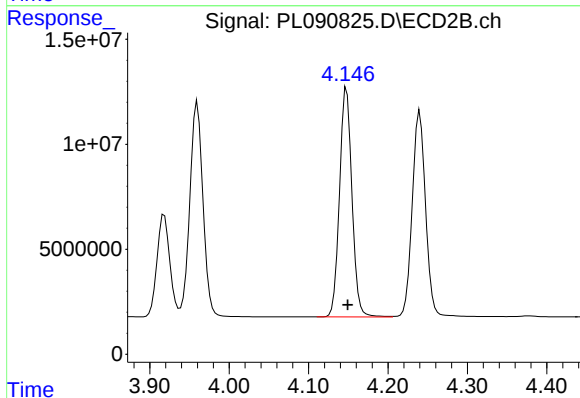
R.T.: 3.918 min  
Delta R.T.: 0.000 min  
Response: 54294272  
Conc: 51.05 ng/ml



#7 delta-BHC

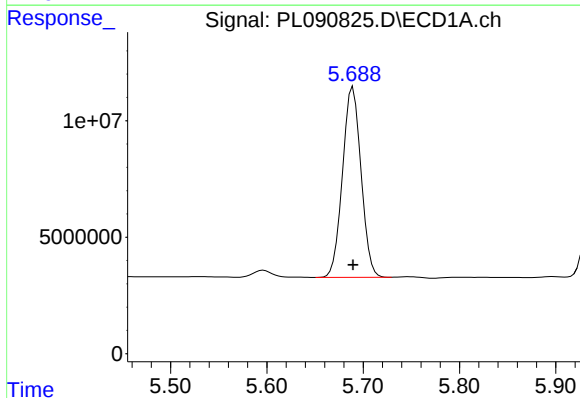
R.T.: 4.777 min  
Delta R.T.: 0.000 min  
Response: 125146807  
Conc: 49.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



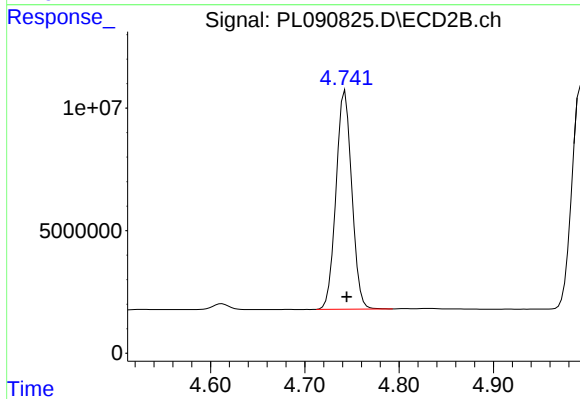
#7 delta-BHC

R.T.: 4.148 min  
Delta R.T.: -0.001 min  
Response: 118961990  
Conc: 53.23 ng/ml



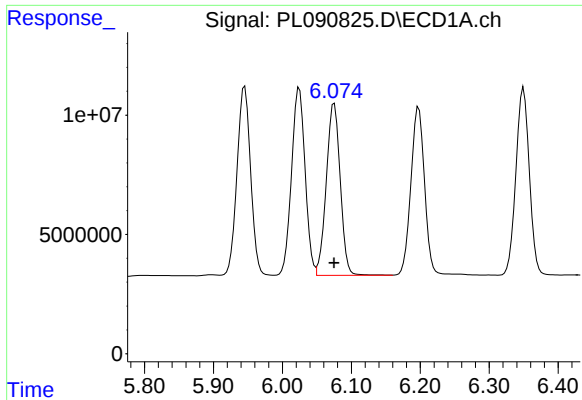
#8 Heptachlor epoxide

R.T.: 5.689 min  
Delta R.T.: 0.000 min  
Response: 108722609  
Conc: 47.84 ng/ml



#8 Heptachlor epoxide

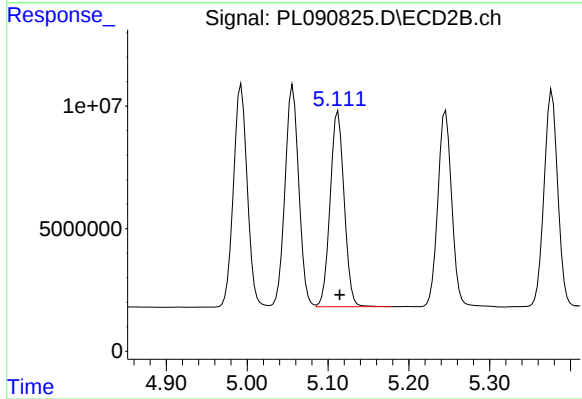
R.T.: 4.743 min  
Delta R.T.: -0.002 min  
Response: 103524735  
Conc: 50.79 ng/ml



#9 Endosulfan I

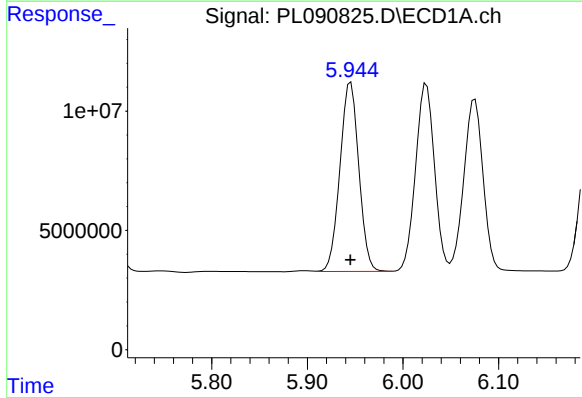
R.T.: 6.075 min  
Delta R.T.: 0.000 min  
Response: 101196541  
Conc: 48.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



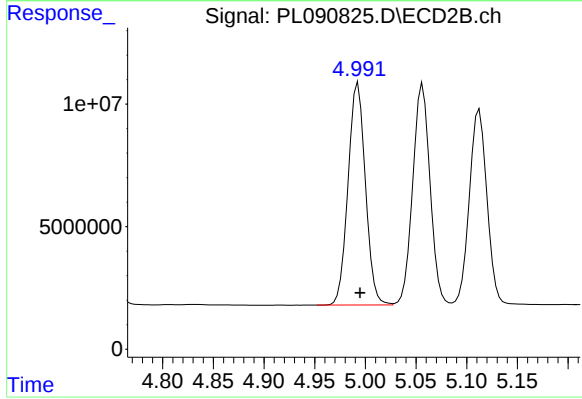
#9 Endosulfan I

R.T.: 5.113 min  
Delta R.T.: -0.002 min  
Response: 96409026  
Conc: 49.92 ng/ml



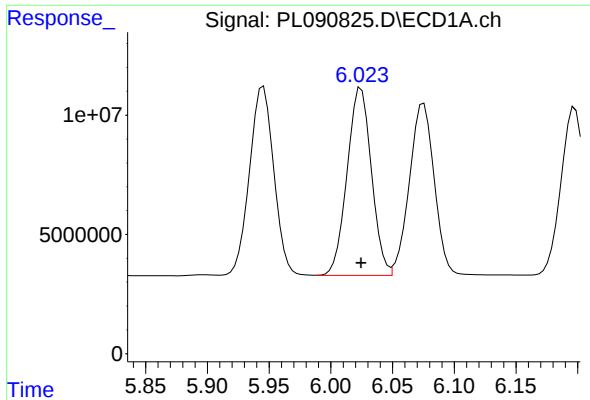
#10 gamma-Chlordane

R.T.: 5.945 min  
Delta R.T.: 0.000 min  
Response: 108838674  
Conc: 48.17 ng/ml



#10 gamma-Chlordane

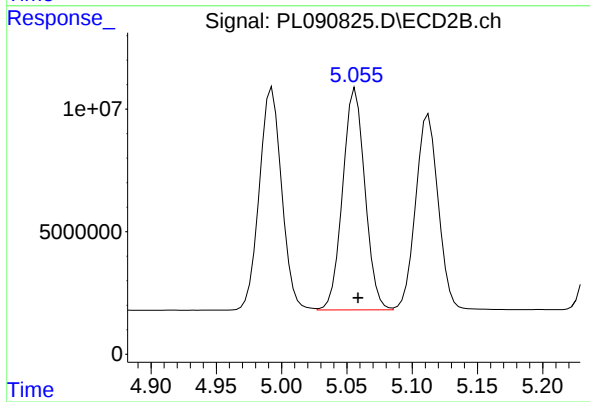
R.T.: 4.993 min  
Delta R.T.: -0.002 min  
Response: 107940996  
Conc: 50.54 ng/ml



#11 alpha-Chlordane

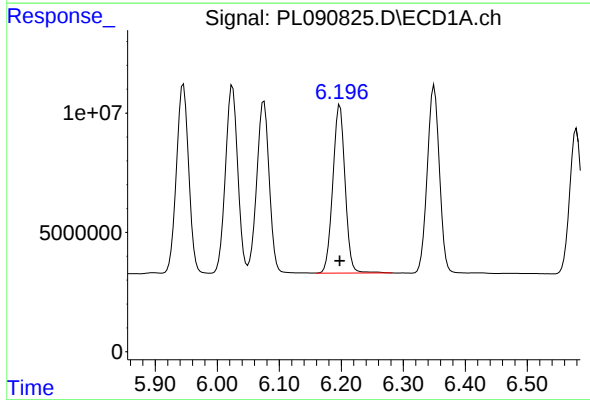
R.T.: 6.025 min  
Delta R.T.: 0.000 min  
Response: 107871290  
Conc: 48.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



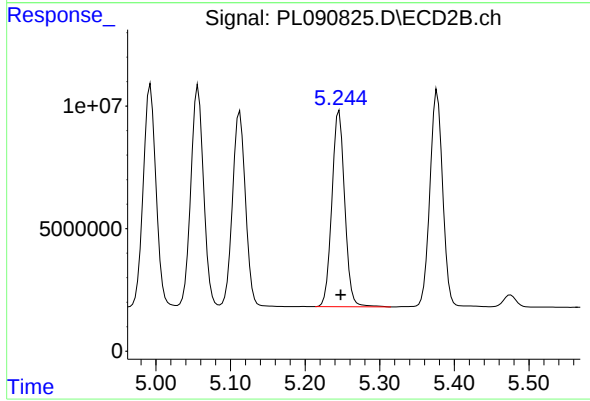
#11 alpha-Chlordane

R.T.: 5.057 min  
Delta R.T.: -0.002 min  
Response: 107419736  
Conc: 50.35 ng/ml



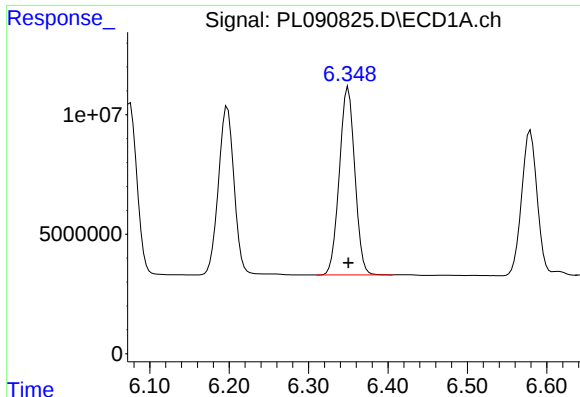
#12 4,4'-DDE

R.T.: 6.198 min  
Delta R.T.: 0.000 min  
Response: 97337543  
Conc: 49.10 ng/ml



#12 4,4'-DDE

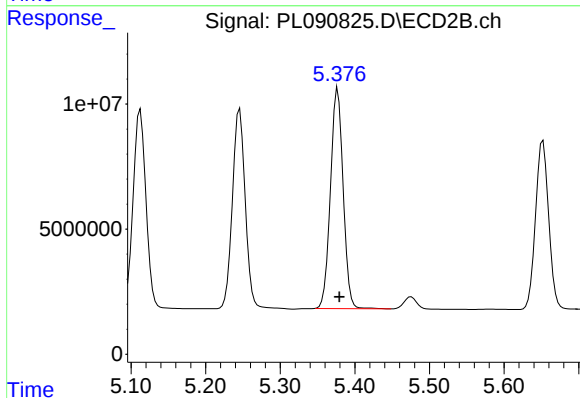
R.T.: 5.246 min  
Delta R.T.: -0.002 min  
Response: 95841884  
Conc: 51.09 ng/ml



#13 Dieldrin

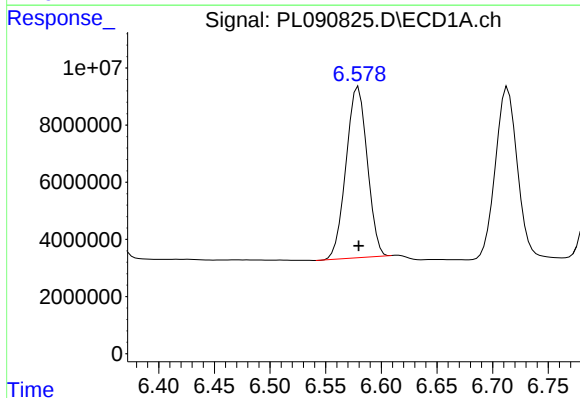
R.T.: 6.350 min  
Delta R.T.: 0.000 min  
Response: 106446859  
Conc: 48.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



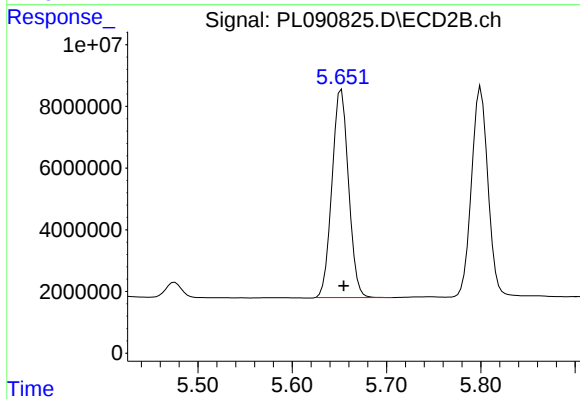
#13 Dieldrin

R.T.: 5.377 min  
Delta R.T.: -0.002 min  
Response: 104213861  
Conc: 50.47 ng/ml



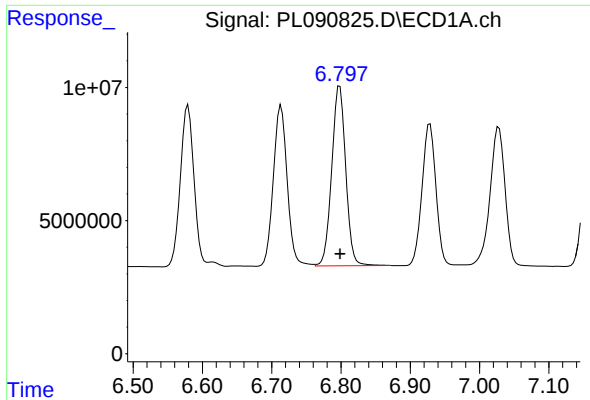
#14 Endrin

R.T.: 6.579 min  
Delta R.T.: 0.000 min  
Response: 79654088  
Conc: 43.49 ng/ml



#14 Endrin

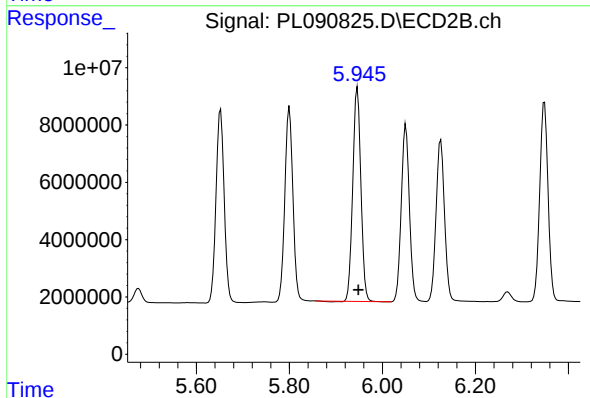
R.T.: 5.652 min  
Delta R.T.: -0.002 min  
Response: 82183796  
Conc: 44.98 ng/ml



#15 Endosulfan II

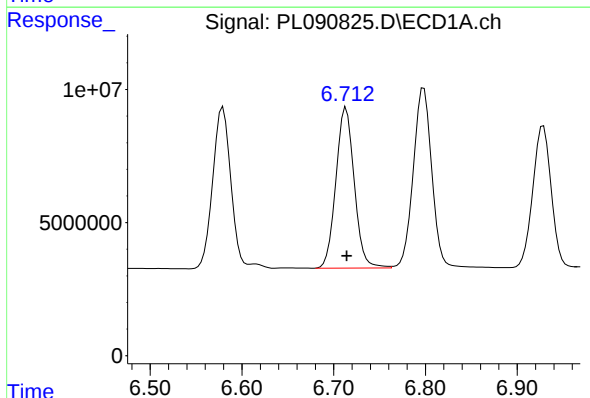
R.T.: 6.798 min  
Delta R.T.: 0.000 min  
Response: 94802549  
Conc: 47.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



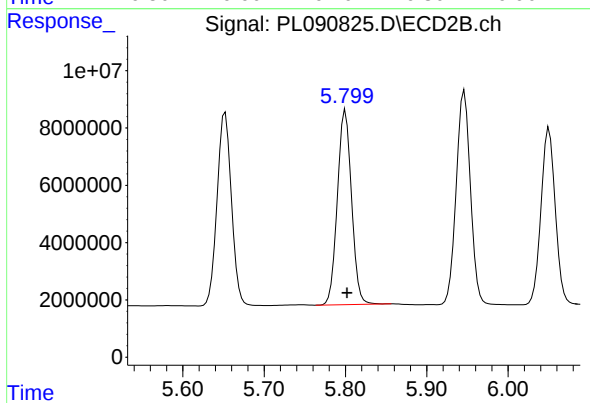
#15 Endosulfan II

R.T.: 5.946 min  
Delta R.T.: -0.002 min  
Response: 90144434  
Conc: 49.63 ng/ml



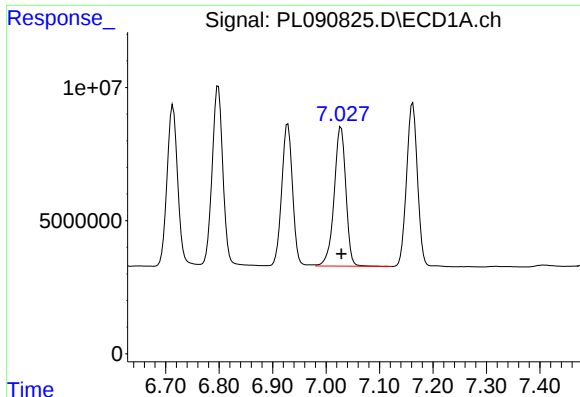
#16 4,4'-DDD

R.T.: 6.714 min  
Delta R.T.: 0.000 min  
Response: 83938805  
Conc: 50.92 ng/ml



#16 4,4'-DDD

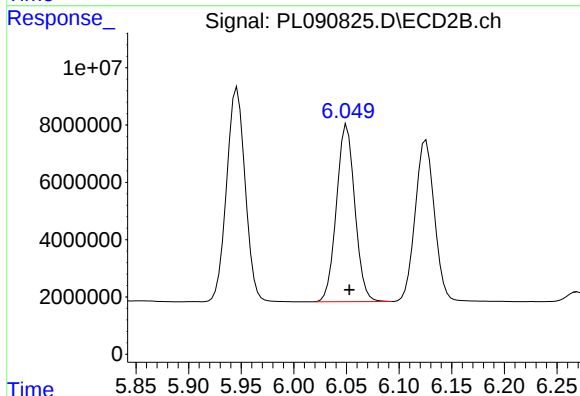
R.T.: 5.800 min  
Delta R.T.: -0.002 min  
Response: 82128824  
Conc: 52.93 ng/ml



#17 4,4'-DDT

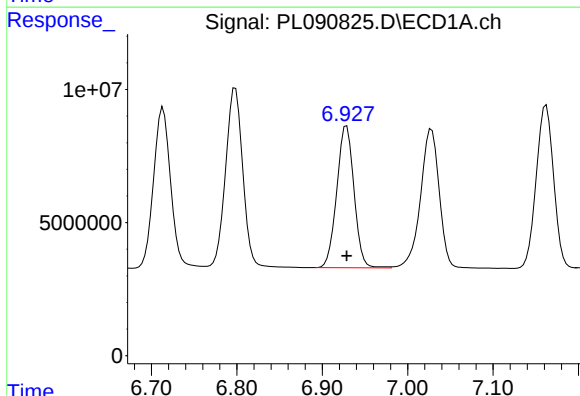
R.T.: 7.028 min  
Delta R.T.: 0.000 min  
Response: 79568310  
Conc: 44.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



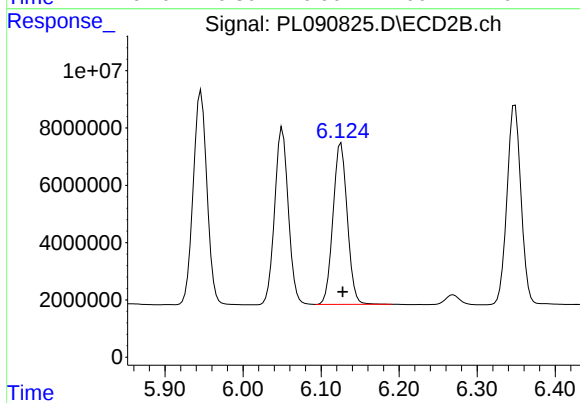
#17 4,4'-DDT

R.T.: 6.050 min  
Delta R.T.: -0.002 min  
Response: 75225171  
Conc: 45.36 ng/ml



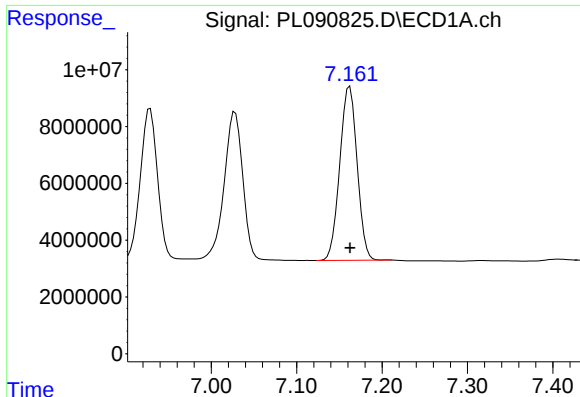
#18 Endrin aldehyde

R.T.: 6.929 min  
Delta R.T.: 0.000 min  
Response: 74828962  
Conc: 49.69 ng/ml



#18 Endrin aldehyde

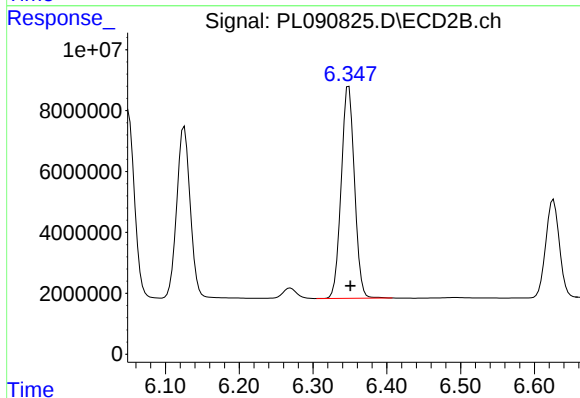
R.T.: 6.126 min  
Delta R.T.: -0.002 min  
Response: 71550394  
Conc: 50.54 ng/ml



#19 Endosulfan Sulfate

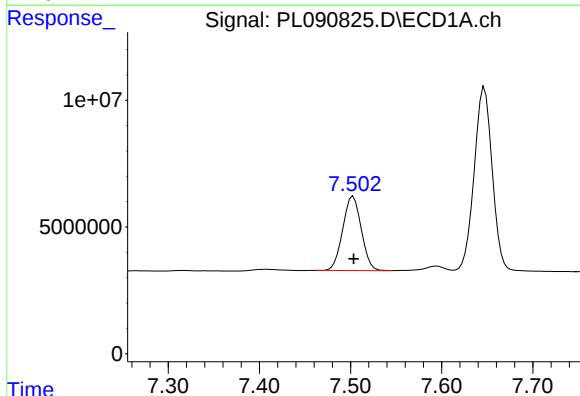
R.T.: 7.162 min  
Delta R.T.: 0.000 min  
Response: 86503934  
Conc: 48.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



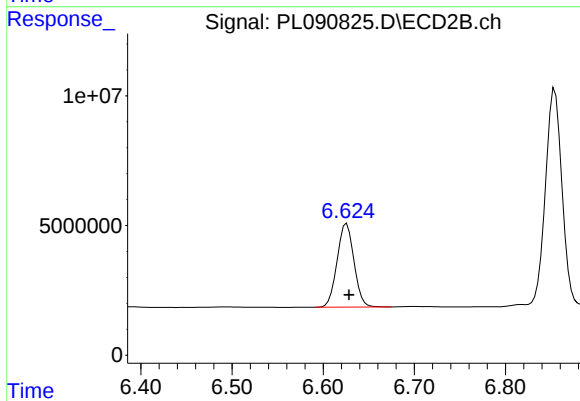
#19 Endosulfan Sulfate

R.T.: 6.348 min  
Delta R.T.: -0.002 min  
Response: 87012695  
Conc: 49.84 ng/ml



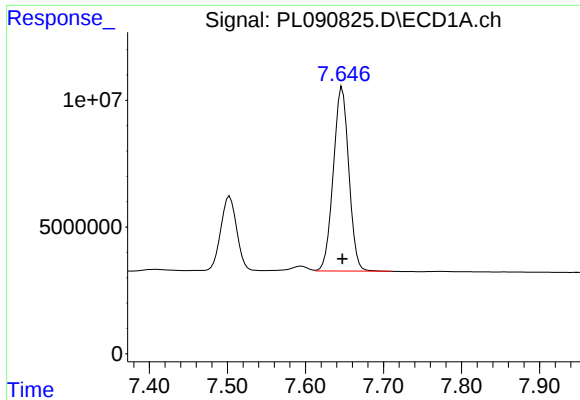
#20 Methoxychlor

R.T.: 7.503 min  
Delta R.T.: 0.000 min  
Response: 41392152  
Conc: 43.38 ng/ml



#20 Methoxychlor

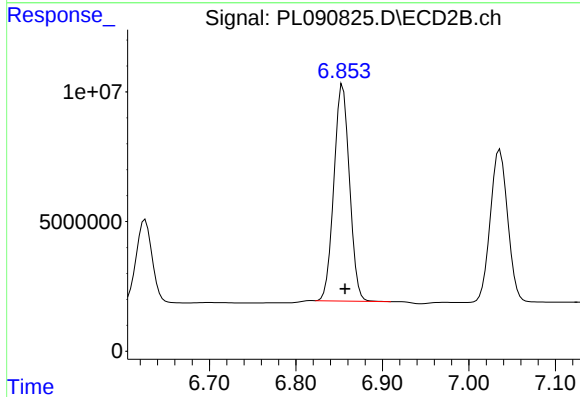
R.T.: 6.626 min  
Delta R.T.: -0.002 min  
Response: 41435087  
Conc: 44.89 ng/ml



#21 Endrin ketone

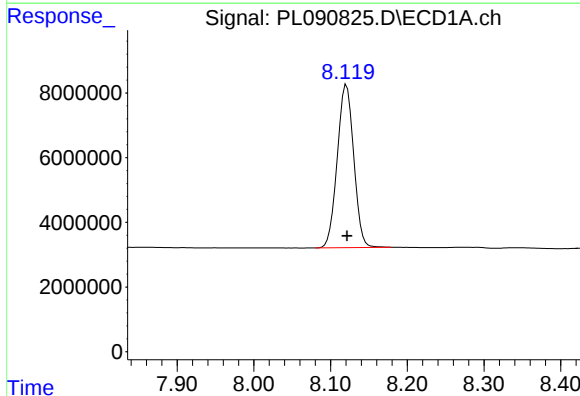
R.T.: 7.647 min  
Delta R.T.: 0.000 min  
Response: 100271643  
Conc: 50.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



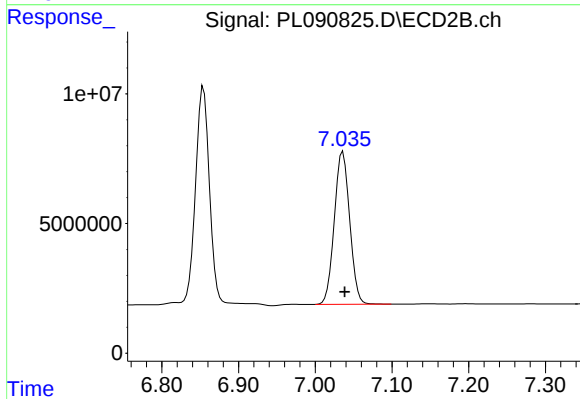
#21 Endrin ketone

R.T.: 6.854 min  
Delta R.T.: -0.003 min  
Response: 104123783  
Conc: 52.54 ng/ml



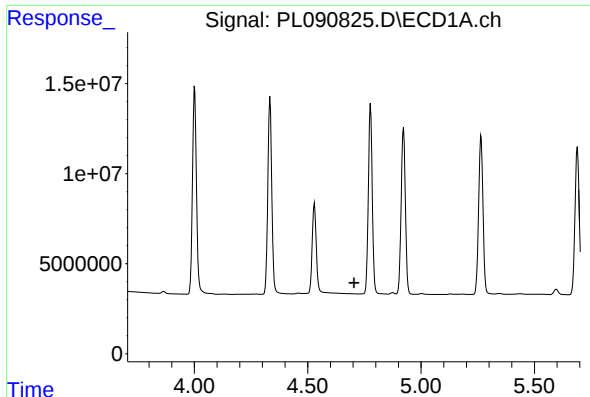
#22 Mirex

R.T.: 8.121 min  
Delta R.T.: 0.000 min  
Response: 75446518  
Conc: 48.53 ng/ml



#22 Mirex

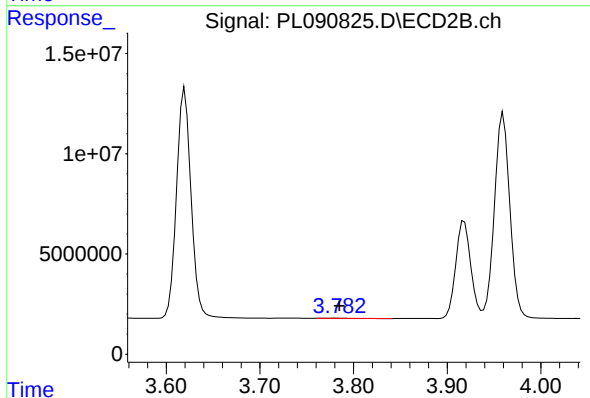
R.T.: 7.036 min  
Delta R.T.: -0.002 min  
Response: 81930068  
Conc: 48.79 ng/ml



#23 Chlordane-1

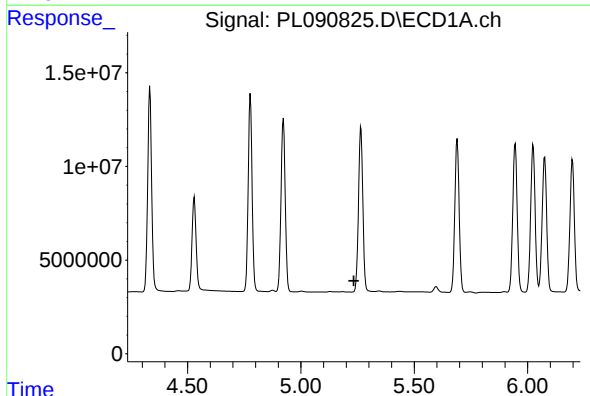
R.T.: 0.000 min  
Exp R.T.: 4.705 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



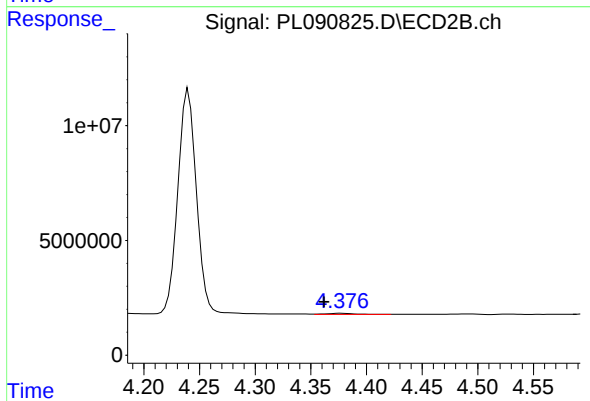
#23 Chlordane-1

R.T.: 3.781 min  
Delta R.T.: -0.004 min  
Response: 135907  
Conc: 2.02 ng/ml



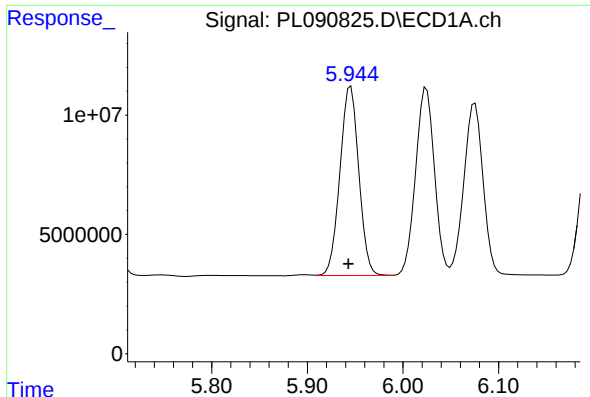
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.233 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

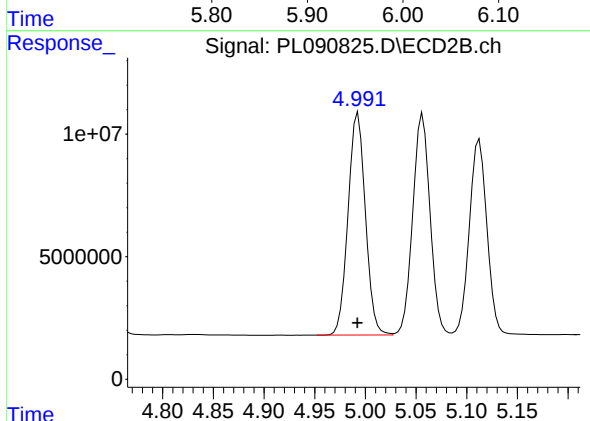
R.T.: 4.377 min  
Delta R.T.: 0.015 min  
Response: 915771  
Conc: 11.01 ng/ml



#25 Chlordane-3

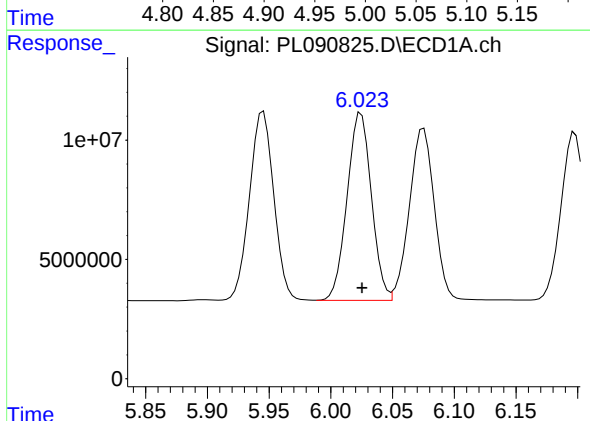
R.T.: 5.945 min  
Delta R.T.: 0.002 min  
Response: 108838674  
Conc: 330.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



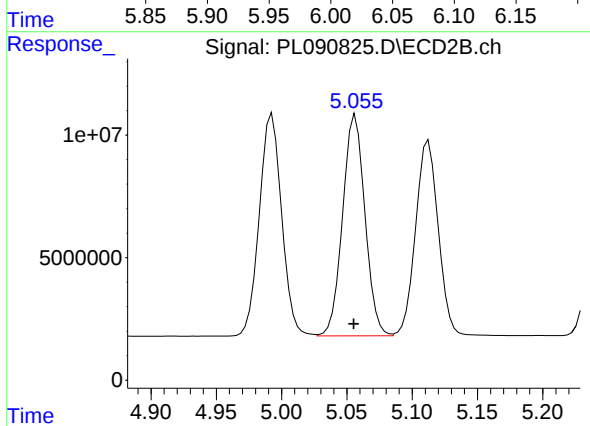
#25 Chlordane-3

R.T.: 4.993 min  
Delta R.T.: 0.000 min  
Response: 107940996  
Conc: 482.03 ng/ml



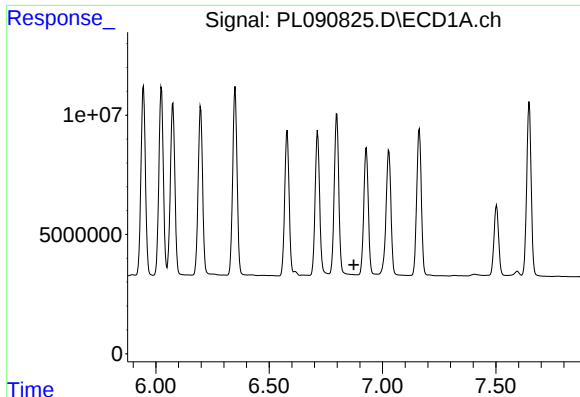
#26 Chlordane-4

R.T.: 6.025 min  
Delta R.T.: 0.000 min  
Response: 107871290  
Conc: 269.18 ng/ml



#26 Chlordane-4

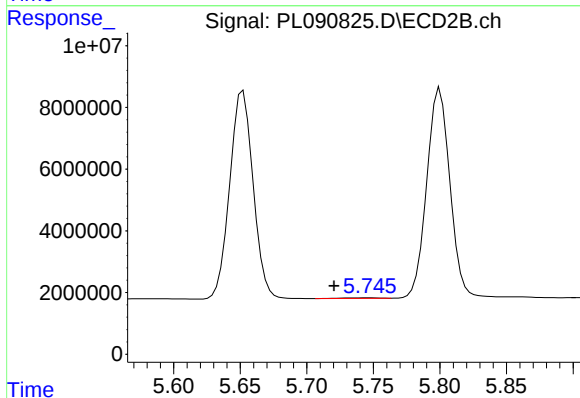
R.T.: 5.057 min  
Delta R.T.: 0.001 min  
Response: 107419736  
Conc: 502.06 ng/ml



#27 Chlordane-5

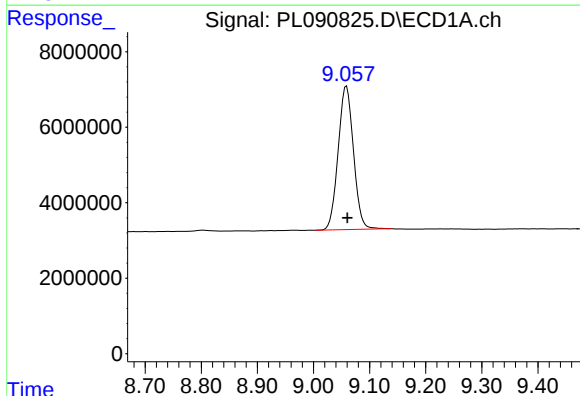
R.T.: 0.000 min  
Exp R.T.: 6.873 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



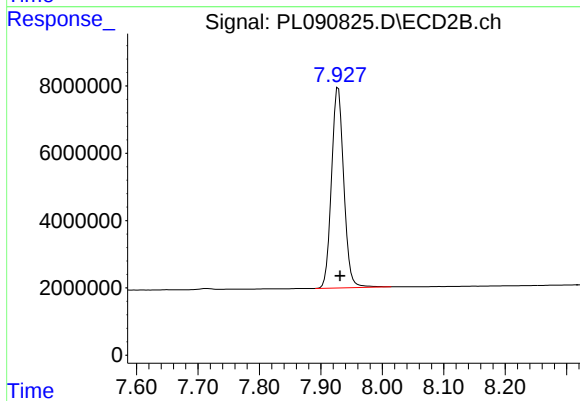
#27 Chlordane-5

R.T.: 5.747 min  
Delta R.T.: 0.026 min  
Response: 295982  
Conc: 4.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.059 min  
Delta R.T.: -0.001 min  
Response: 72174227  
Conc: 50.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.928 min  
Delta R.T.: -0.003 min  
Response: 82633751  
Conc: 49.51 ng/ml