

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL123022\  
 Data File : PL079981.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Dec 2022 19:30  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 29 22:08:01 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL123022.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Dec 29 17:31:33 2022  
 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... | 3.363  | 2.695 | 71864625 | 94841719 | 51.804   | 51.616    |
| 28)                         | SA Decachlor... | 8.803  | 7.857 | 73532763 | 89692742 | 52.304   | 53.639    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.811  | 3.198 | 101.5E6  | 133.2E6  | 52.937   | 53.062    |
| 3)                          | MA gamma-BHC... | 4.140  | 3.527 | 93727126 | 125.7E6  | 53.763   | 52.638    |
| 4)                          | MA Heptachlor   | 4.724  | 3.870 | 97065231 | 115.1E6  | 54.076   | 53.555    |
| 5)                          | MB Aldrin       | 5.062  | 4.150 | 94539584 | 120.0E6  | 56.552   | 52.380    |
| 6)                          | B beta-BHC      | 4.335  | 3.822 | 43789070 | 55734594 | 51.701   | 51.950    |
| 7)                          | B delta-BHC     | 4.578  | 4.052 | 91805917 | 120.5E6  | 54.210   | 52.646    |
| 8)                          | B Heptachlo...  | 5.487  | 4.653 | 92907612 | 110.3E6  | 56.492   | 52.165    |
| 9)                          | A Endosulfan I  | 5.868  | 5.023 | 88169112 | 104.6E6  | 56.563   | 51.112    |
| 10)                         | B gamma-Chl...  | 5.741  | 4.905 | 94788286 | 112.4E6  | 55.286   | 52.245    |
| 11)                         | B alpha-Chl...  | 5.820  | 4.969 | 94267342 | 112.1E6  | 56.729   | 52.491    |
| 12)                         | B 4,4'-DDE      | 5.998  | 5.163 | 83513033 | 96425592 | 56.604   | 52.939    |
| 13)                         | MA Dieldrin     | 6.143  | 5.289 | 90518245 | 106.1E6  | 55.414   | 52.571    |
| 14)                         | MA Endrin       | 6.370  | 5.563 | 72812920 | 82205740 | 55.514   | 53.113    |
| 15)                         | B Endosulfa...  | 6.588  | 5.857 | 80312846 | 91545334 | 55.099   | 52.716    |
| 16)                         | A 4,4'-DDD      | 6.512  | 5.717 | 71388526 | 82538900 | 56.937   | 54.176    |
| 17)                         | MA 4,4'-DDT     | 6.824  | 5.970 | 72018700 | 74205296 | 56.778   | 56.493    |
| 18)                         | B Endrin al...  | 6.718  | 6.038 | 61818973 | 71836567 | 56.551   | 53.390    |
| 19)                         | B Endosulfa...  | 6.951  | 6.261 | 81215821 | 92589050 | 56.104   | 53.150    |
| 20)                         | A Methoxychlor  | 7.303  | 6.550 | 40792513 | 43711812 | 57.554   | 56.763    |
| 21)                         | B Endrin ke...  | 7.433  | 6.766 | 86178170 | 102.7E6  | 56.836   | 55.642    |
| 22)                         | Mirex           | 7.904  | 6.953 | 70386486 | 83858991 | 53.542   | 54.463    |
| 23)                         | Chlordane-1     | 0.000  | 3.698 | 0        | 17583    | N.D.     | 0.279 #   |
| 24)                         | Chlordane-2     | 5.062f | 4.274 | 94539584 | 88759    | 1393.776 | 1.308 #   |
| 25)                         | Chlordane-3     | 5.741  | 4.905 | 94788286 | 112.4E6  | 372.382  | 554.943 # |
| 26)                         | Chlordane-4     | 5.820  | 4.969 | 94267342 | 112.1E6  | 305.426  | 560.397 # |
| 27)                         | Chlordane-5     | 0.000  | 5.637 | 0        | 147068   | N.D.     | 2.712 #   |
| -----                       |                 |        |       |          |          |          |           |

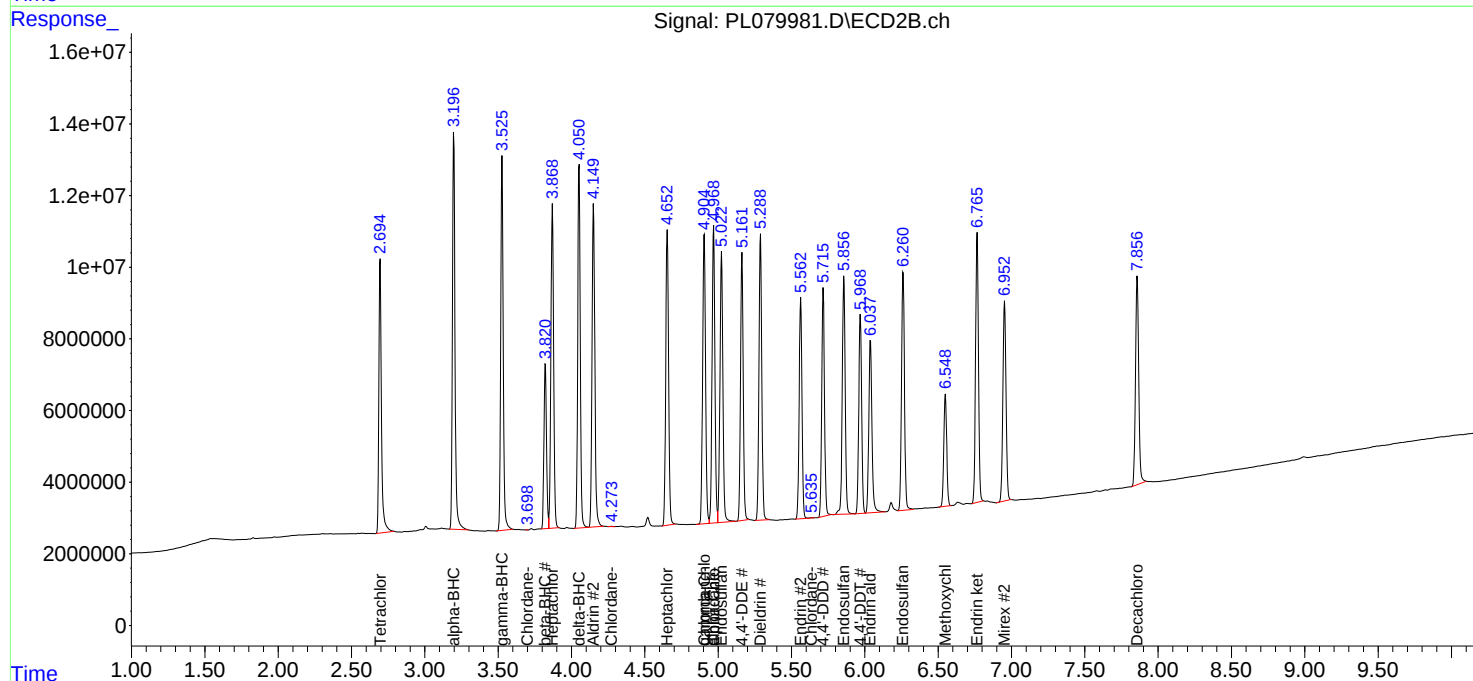
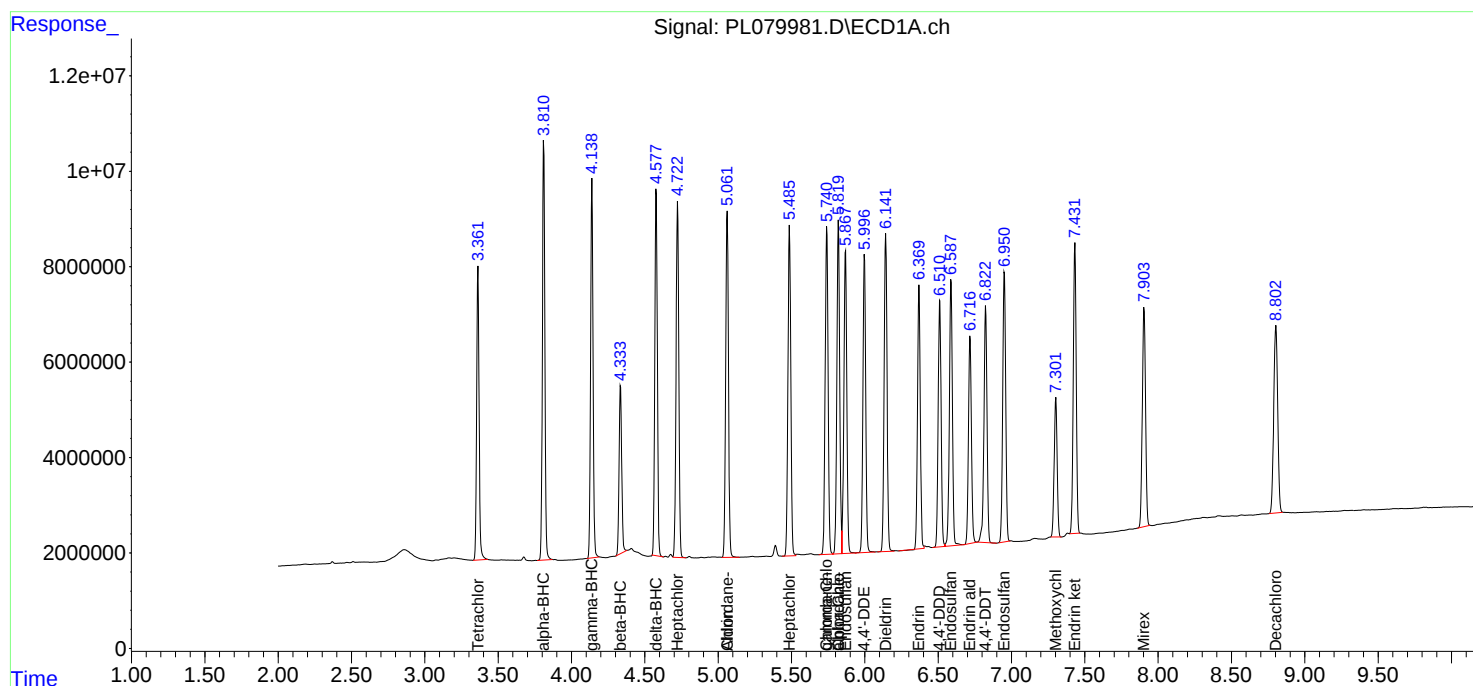
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

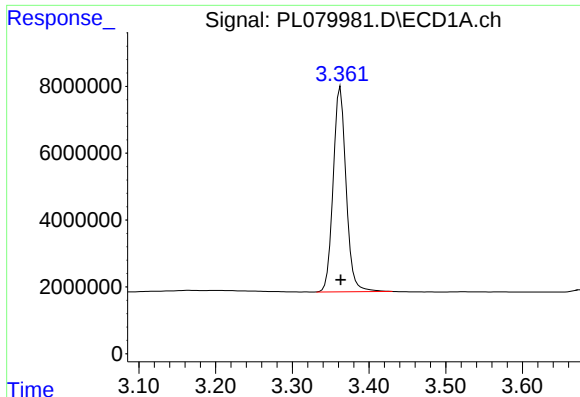
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL123022\  
Data File : PL079981.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Dec 2022 19:30  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 29 22:08:01 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL123022.M  
Quant Title : GC Extractables  
QLast Update : Thu Dec 29 17:31:33 2022  
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

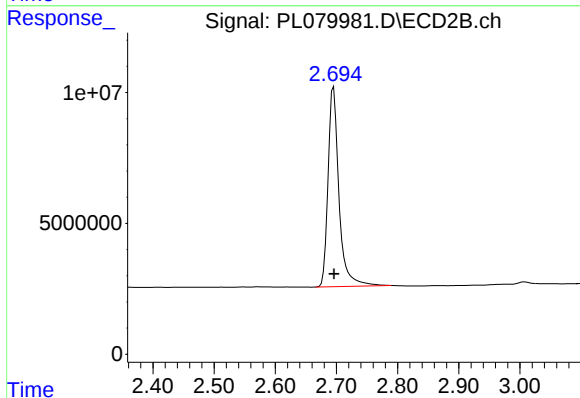




#1 Tetrachloro-m-xylene

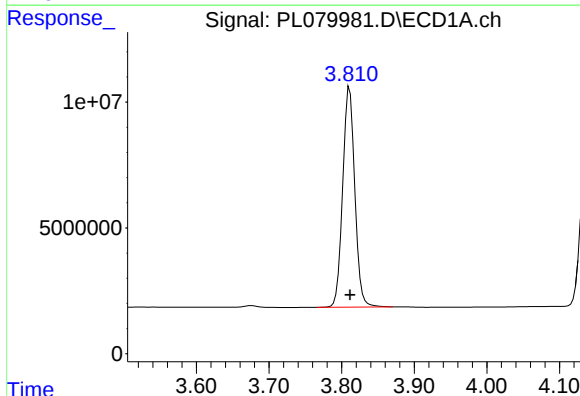
R.T.: 3.363 min  
Delta R.T.: 0.000 min  
Response: 71864625  
Conc: 51.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



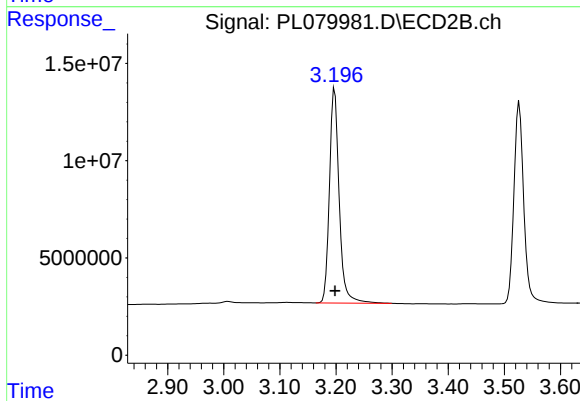
#1 Tetrachloro-m-xylene

R.T.: 2.695 min  
Delta R.T.: 0.000 min  
Response: 94841719  
Conc: 51.62 ng/ml



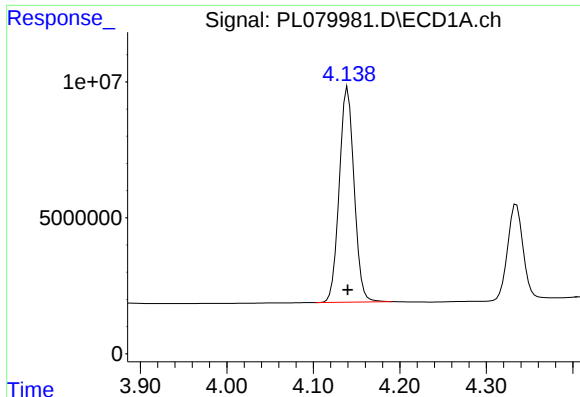
#2 alpha-BHC

R.T.: 3.811 min  
Delta R.T.: 0.000 min  
Response: 101459358  
Conc: 52.94 ng/ml



#2 alpha-BHC

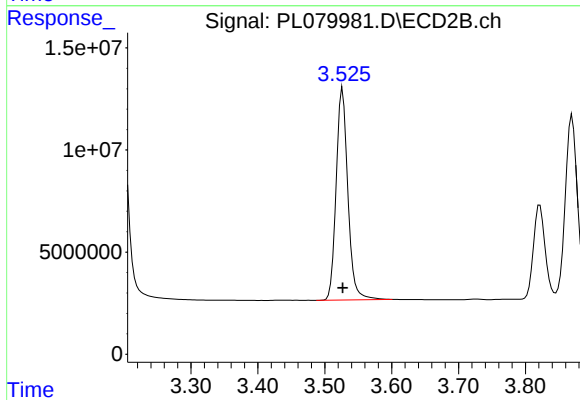
R.T.: 3.198 min  
Delta R.T.: 0.000 min  
Response: 133199877  
Conc: 53.06 ng/ml



#3 gamma-BHC (Lindane)

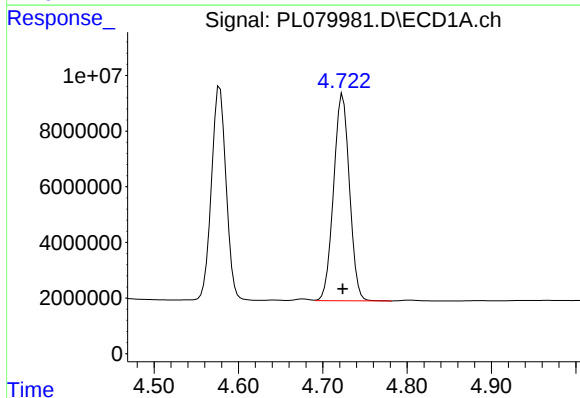
R.T.: 4.140 min  
Delta R.T.: 0.000 min  
Response: 93727126  
Conc: 53.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



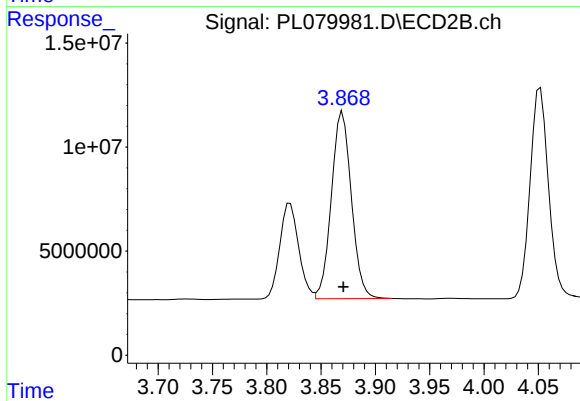
#3 gamma-BHC (Lindane)

R.T.: 3.527 min  
Delta R.T.: 0.000 min  
Response: 125734688  
Conc: 52.64 ng/ml



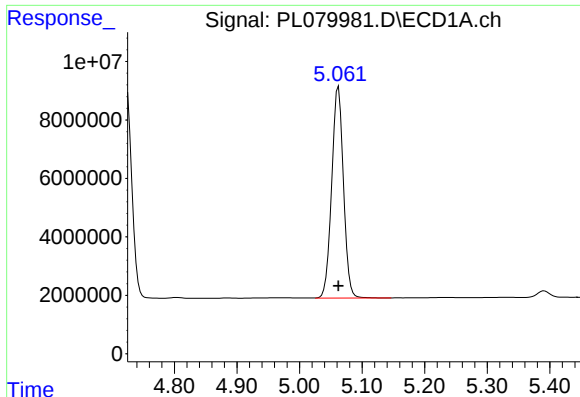
#4 Heptachlor

R.T.: 4.724 min  
Delta R.T.: 0.000 min  
Response: 97065231  
Conc: 54.08 ng/ml



#4 Heptachlor

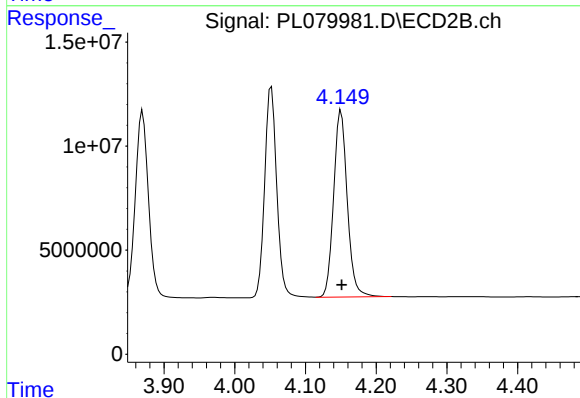
R.T.: 3.870 min  
Delta R.T.: 0.000 min  
Response: 115104781  
Conc: 53.56 ng/ml



#5 Aldrin

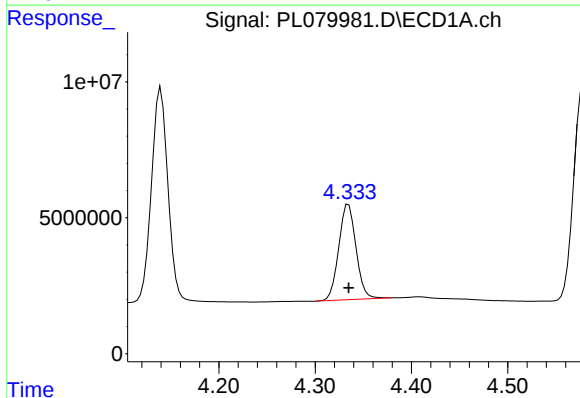
R.T.: 5.062 min  
Delta R.T.: 0.000 min  
Response: 94539584  
Conc: 56.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



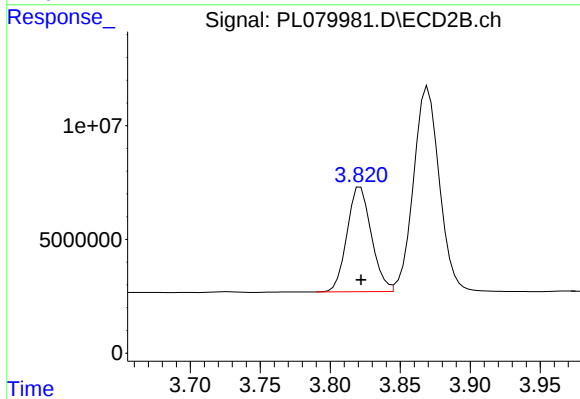
#5 Aldrin

R.T.: 4.150 min  
Delta R.T.: 0.000 min  
Response: 120048133  
Conc: 52.38 ng/ml



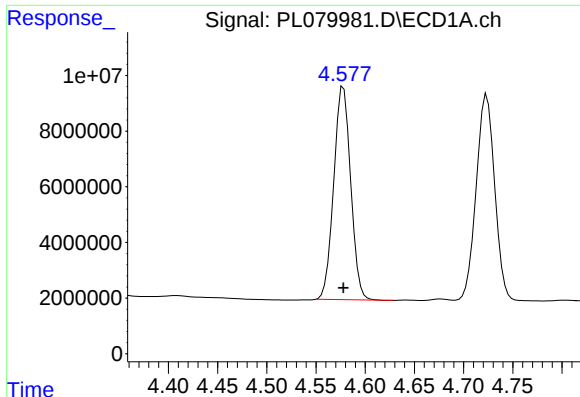
#6 beta-BHC

R.T.: 4.335 min  
Delta R.T.: 0.000 min  
Response: 43789070  
Conc: 51.70 ng/ml



#6 beta-BHC

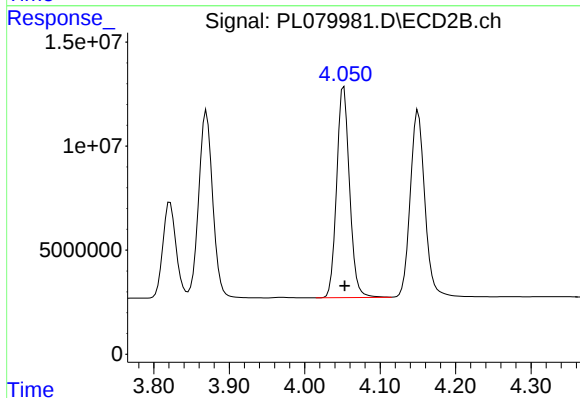
R.T.: 3.822 min  
Delta R.T.: 0.000 min  
Response: 55734594  
Conc: 51.95 ng/ml



#7 delta-BHC

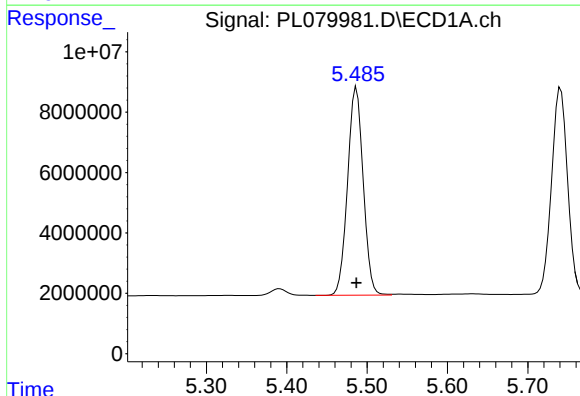
R.T.: 4.578 min  
Delta R.T.: 0.000 min  
Response: 91805917  
Conc: 54.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



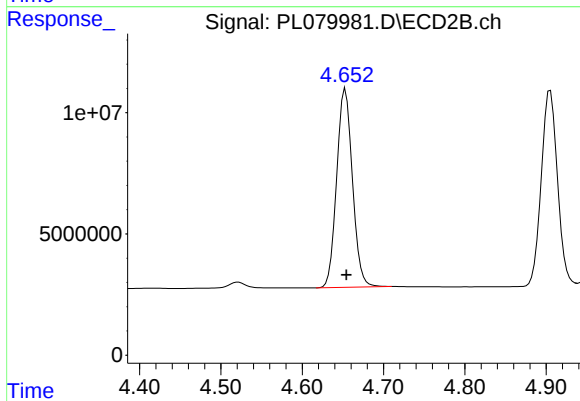
#7 delta-BHC

R.T.: 4.052 min  
Delta R.T.: 0.000 min  
Response: 120451505  
Conc: 52.65 ng/ml



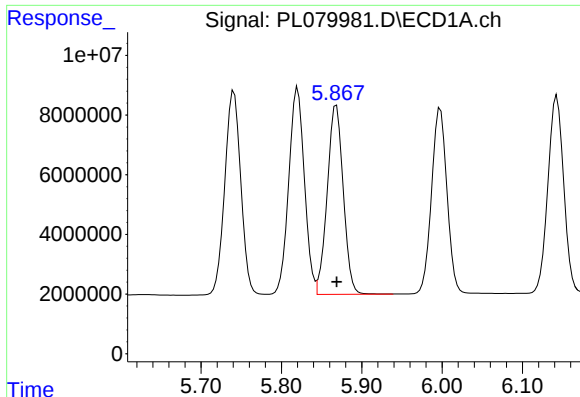
#8 Heptachlor epoxide

R.T.: 5.487 min  
Delta R.T.: 0.000 min  
Response: 92907612  
Conc: 56.49 ng/ml



#8 Heptachlor epoxide

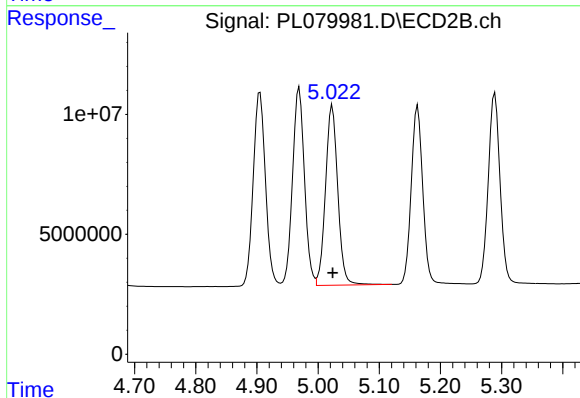
R.T.: 4.653 min  
Delta R.T.: -0.001 min  
Response: 110309533  
Conc: 52.16 ng/ml



#9 Endosulfan I

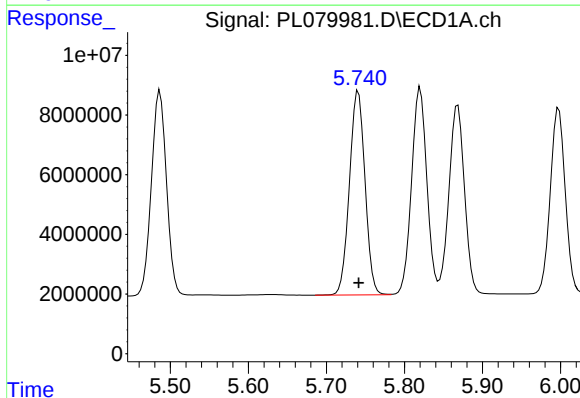
R.T.: 5.868 min  
Delta R.T.: 0.000 min  
Response: 88169112  
Conc: 56.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



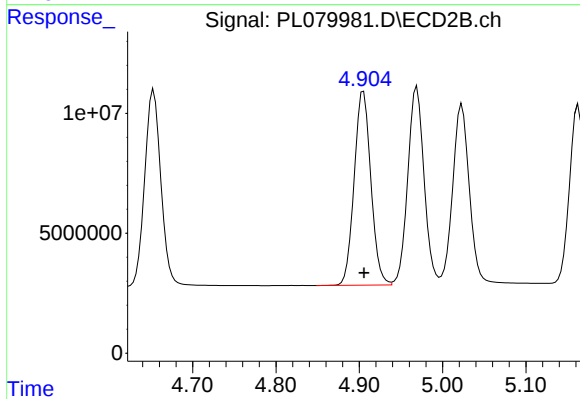
#9 Endosulfan I

R.T.: 5.023 min  
Delta R.T.: 0.000 min  
Response: 104631346  
Conc: 51.11 ng/ml



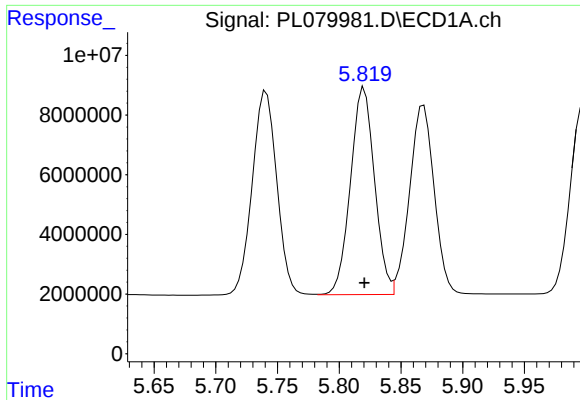
#10 gamma-Chlordane

R.T.: 5.741 min  
Delta R.T.: 0.000 min  
Response: 94788286  
Conc: 55.29 ng/ml



#10 gamma-Chlordane

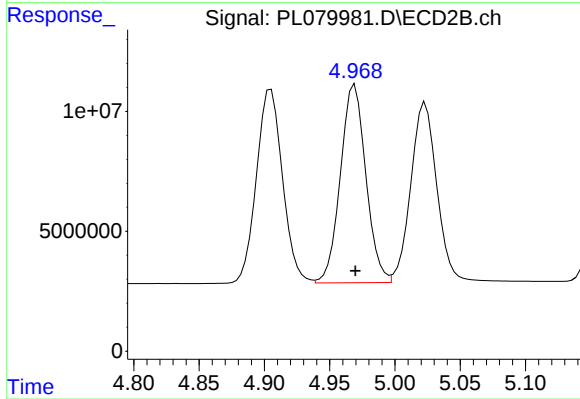
R.T.: 4.905 min  
Delta R.T.: 0.000 min  
Response: 112398473  
Conc: 52.24 ng/ml



#11 alpha-Chlordane

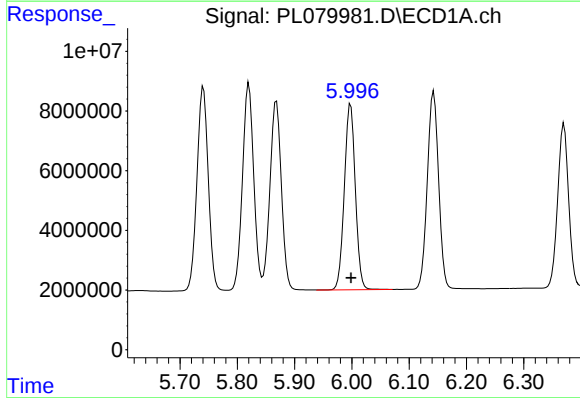
R.T.: 5.820 min  
Delta R.T.: 0.000 min  
Response: 94267342  
Conc: 56.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



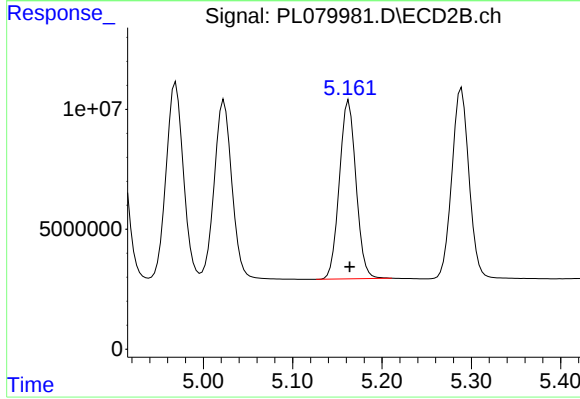
#11 alpha-Chlordane

R.T.: 4.969 min  
Delta R.T.: 0.000 min  
Response: 112135250  
Conc: 52.49 ng/ml



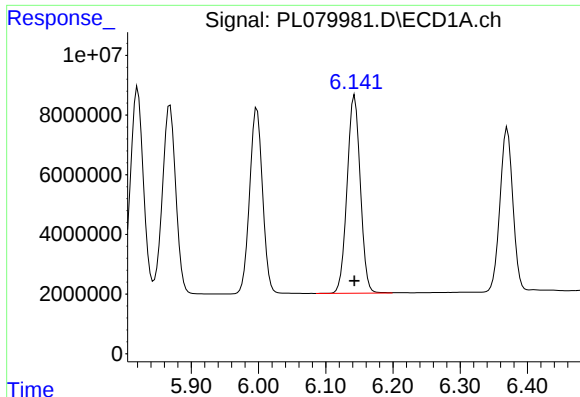
#12 4,4'-DDE

R.T.: 5.998 min  
Delta R.T.: 0.000 min  
Response: 83513033  
Conc: 56.60 ng/ml



#12 4,4'-DDE

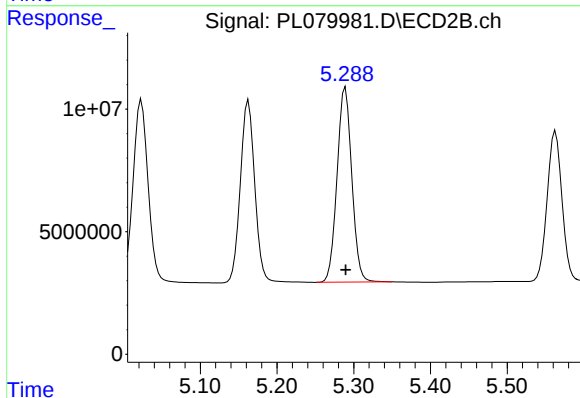
R.T.: 5.163 min  
Delta R.T.: -0.001 min  
Response: 96425592  
Conc: 52.94 ng/ml



#13 Dieldrin

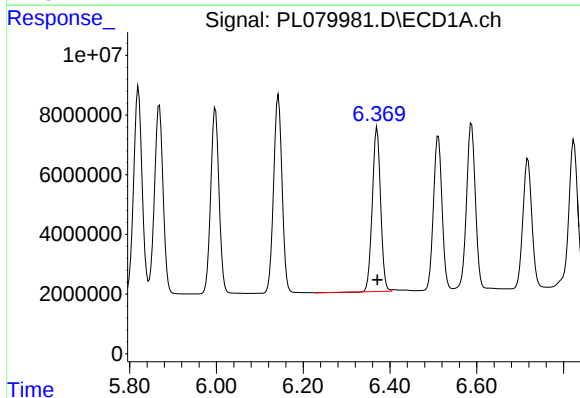
R.T.: 6.143 min  
Delta R.T.: 0.000 min  
Response: 90518245  
Conc: 55.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



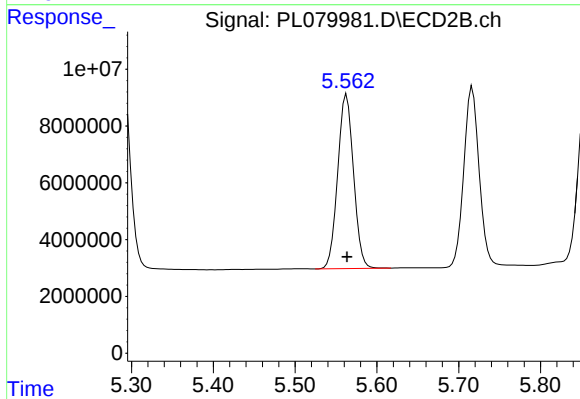
#13 Dieldrin

R.T.: 5.289 min  
Delta R.T.: 0.000 min  
Response: 106142509  
Conc: 52.57 ng/ml



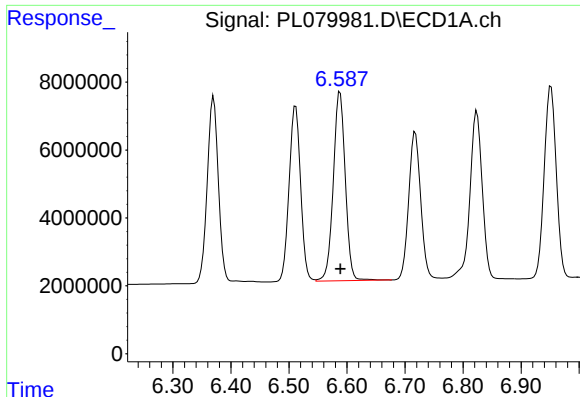
#14 Endrin

R.T.: 6.370 min  
Delta R.T.: 0.000 min  
Response: 72812920  
Conc: 55.51 ng/ml



#14 Endrin

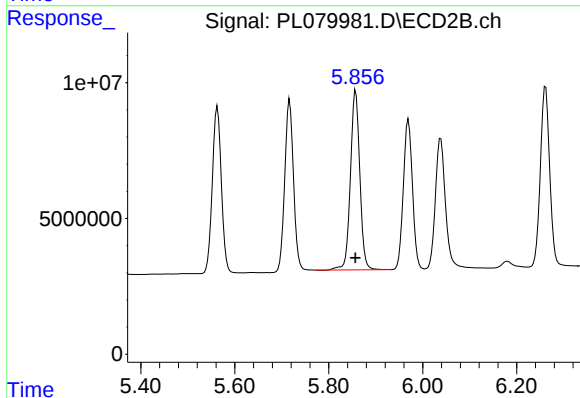
R.T.: 5.563 min  
Delta R.T.: 0.000 min  
Response: 82205740  
Conc: 53.11 ng/ml



#15 Endosulfan II

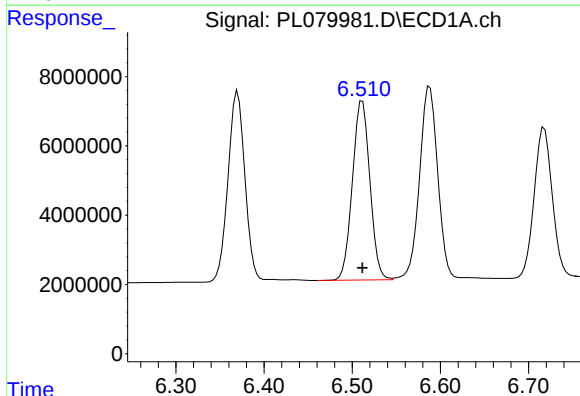
R.T.: 6.588 min  
Delta R.T.: 0.000 min  
Response: 80312846  
Conc: 55.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



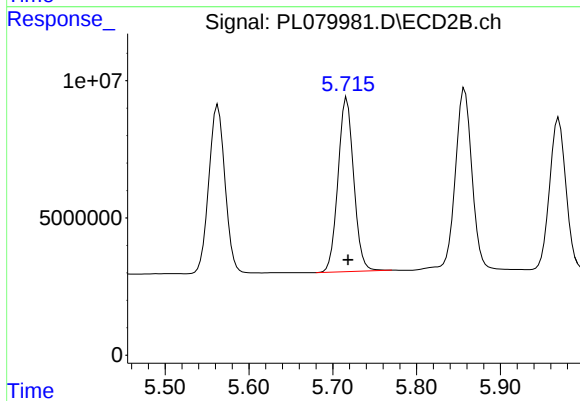
#15 Endosulfan II

R.T.: 5.857 min  
Delta R.T.: 0.000 min  
Response: 91545334  
Conc: 52.72 ng/ml



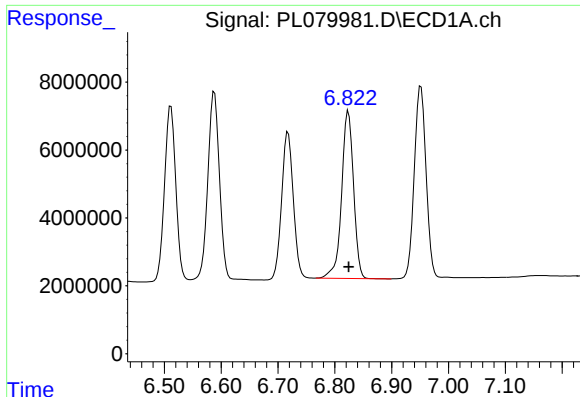
#16 4,4'-DDD

R.T.: 6.512 min  
Delta R.T.: 0.000 min  
Response: 71388526  
Conc: 56.94 ng/ml



#16 4,4'-DDD

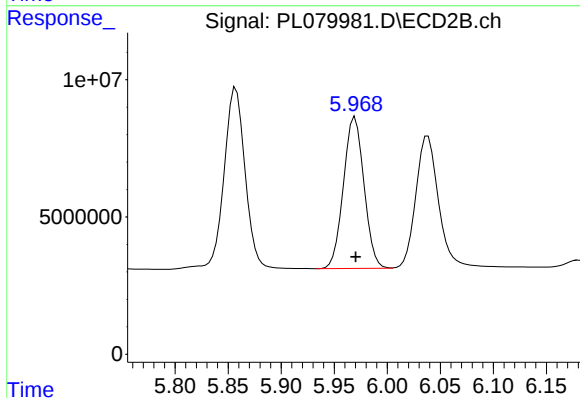
R.T.: 5.717 min  
Delta R.T.: -0.001 min  
Response: 82538900  
Conc: 54.18 ng/ml



#17 4,4'-DDT

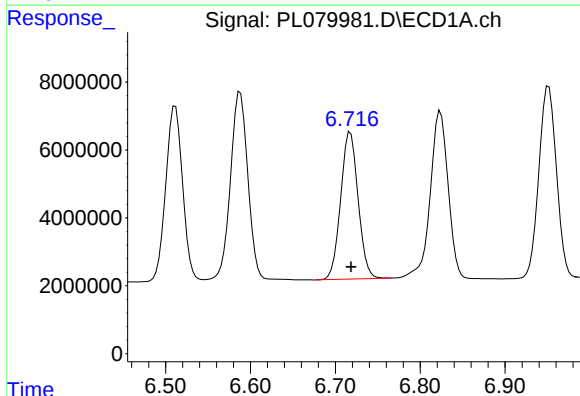
R.T.: 6.824 min  
Delta R.T.: 0.000 min  
Response: 72018700  
Conc: 56.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



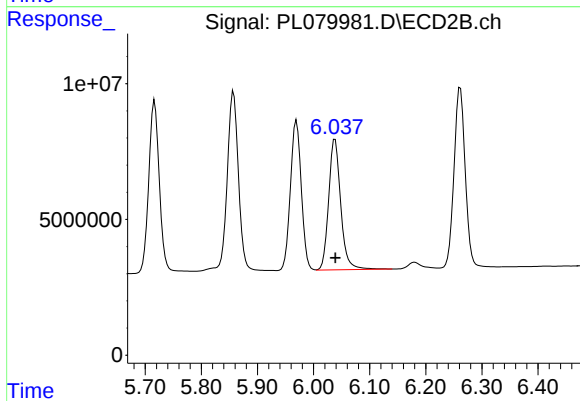
#17 4,4'-DDT

R.T.: 5.970 min  
Delta R.T.: 0.000 min  
Response: 74205296  
Conc: 56.49 ng/ml



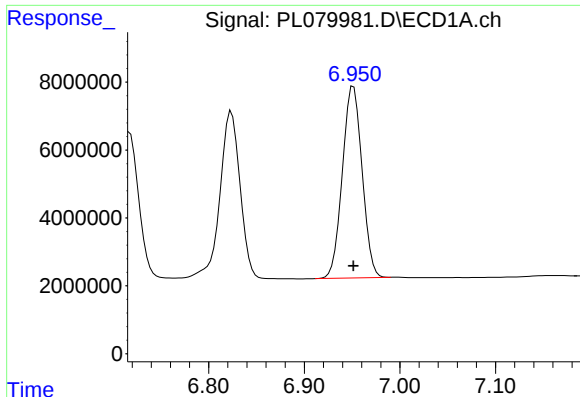
#18 Endrin aldehyde

R.T.: 6.718 min  
Delta R.T.: 0.000 min  
Response: 61818973  
Conc: 56.55 ng/ml



#18 Endrin aldehyde

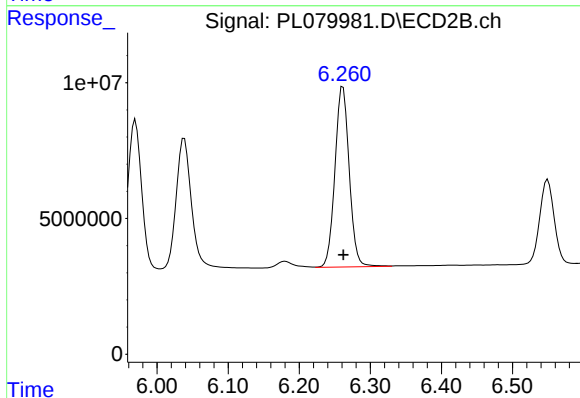
R.T.: 6.038 min  
Delta R.T.: 0.000 min  
Response: 71836567  
Conc: 53.39 ng/ml



#19 Endosulfan Sulfate

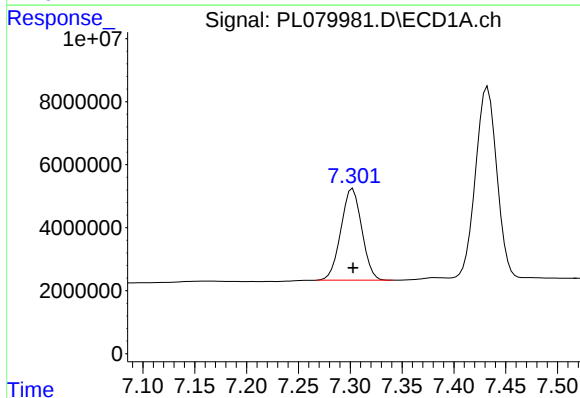
R.T.: 6.951 min  
Delta R.T.: 0.000 min  
Response: 81215821  
Conc: 56.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



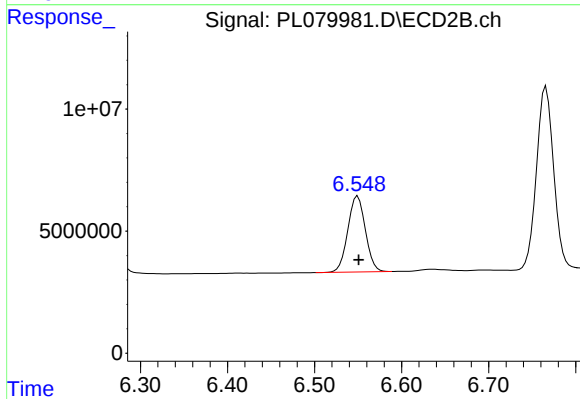
#19 Endosulfan Sulfate

R.T.: 6.261 min  
Delta R.T.: 0.000 min  
Response: 92589050  
Conc: 53.15 ng/ml



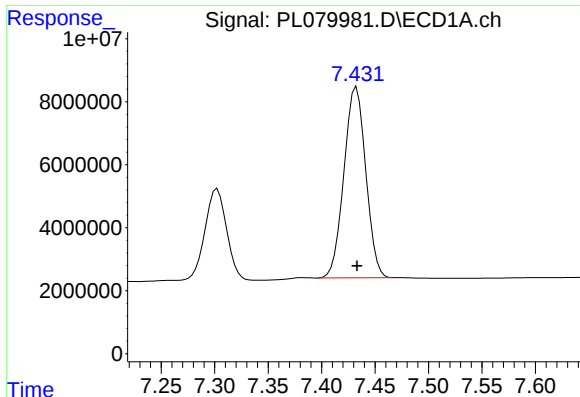
#20 Methoxychlor

R.T.: 7.303 min  
Delta R.T.: 0.000 min  
Response: 40792513  
Conc: 57.55 ng/ml



#20 Methoxychlor

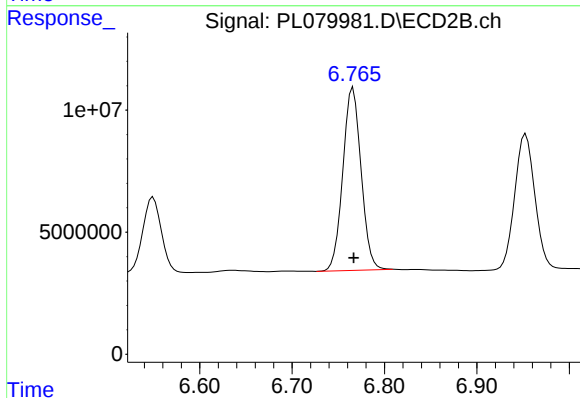
R.T.: 6.550 min  
Delta R.T.: -0.001 min  
Response: 43711812  
Conc: 56.76 ng/ml



#21 Endrin ketone

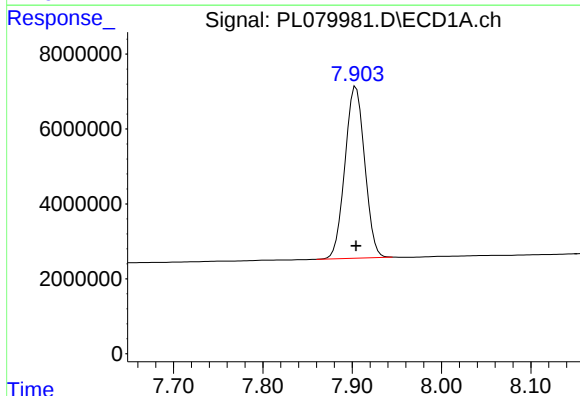
R.T.: 7.433 min  
Delta R.T.: 0.000 min  
Response: 86178170  
Conc: 56.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



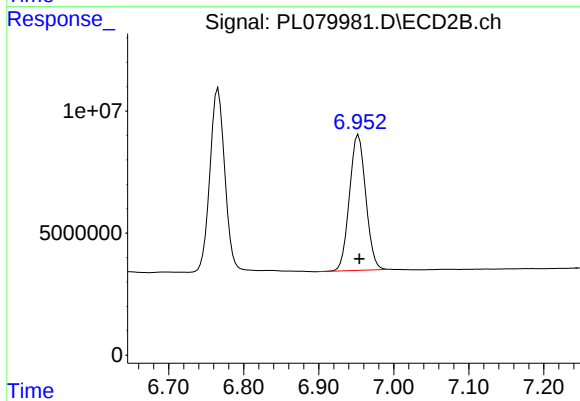
#21 Endrin ketone

R.T.: 6.766 min  
Delta R.T.: 0.000 min  
Response: 102719551  
Conc: 55.64 ng/ml



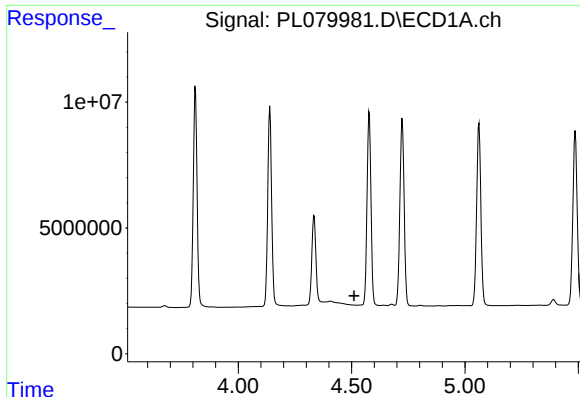
#22 Mirex

R.T.: 7.904 min  
Delta R.T.: 0.000 min  
Response: 70386486  
Conc: 53.54 ng/ml



#22 Mirex

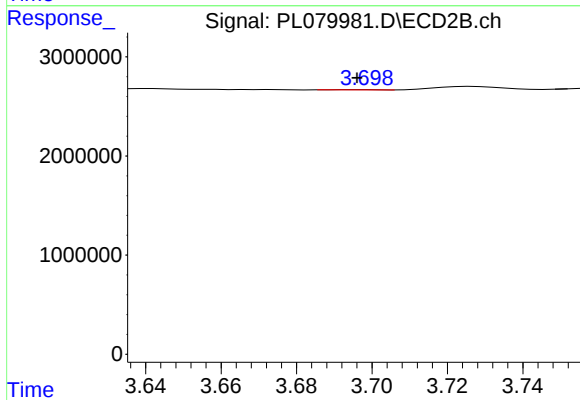
R.T.: 6.953 min  
Delta R.T.: -0.001 min  
Response: 83858991  
Conc: 54.46 ng/ml



#23 Chlordane-1

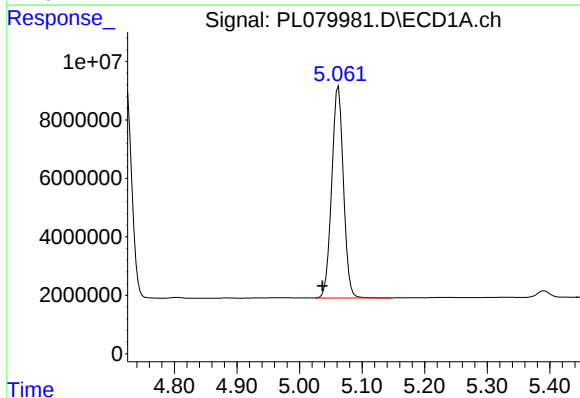
R.T.: 0.000 min  
Exp R.T.: 4.511 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



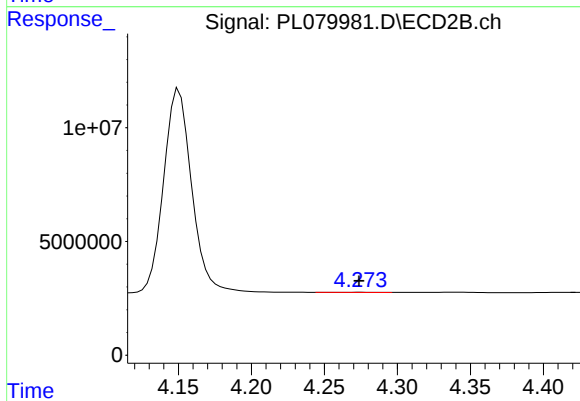
#23 Chlordane-1

R.T.: 3.698 min  
Delta R.T.: 0.002 min  
Response: 17583  
Conc: 0.28 ng/ml



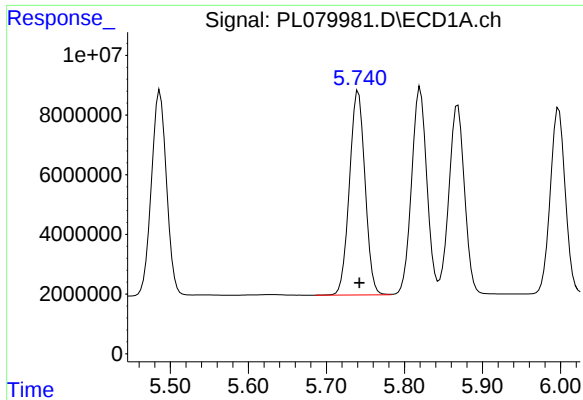
#24 Chlordane-2

R.T.: 5.062 min  
Delta R.T.: 0.026 min  
Response: 94539584  
Conc: 1393.78 ng/ml



#24 Chlordane-2

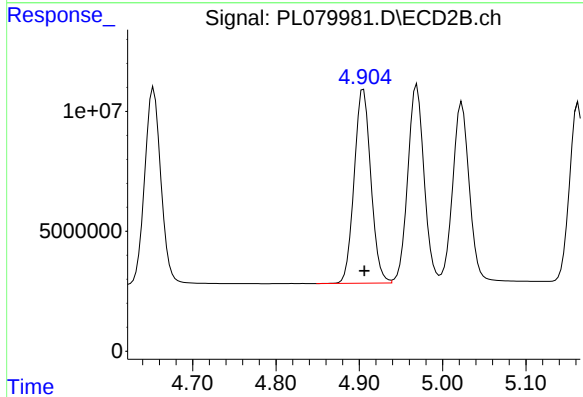
R.T.: 4.274 min  
Delta R.T.: 0.000 min  
Response: 88759  
Conc: 1.31 ng/ml



#25 Chlordane-3

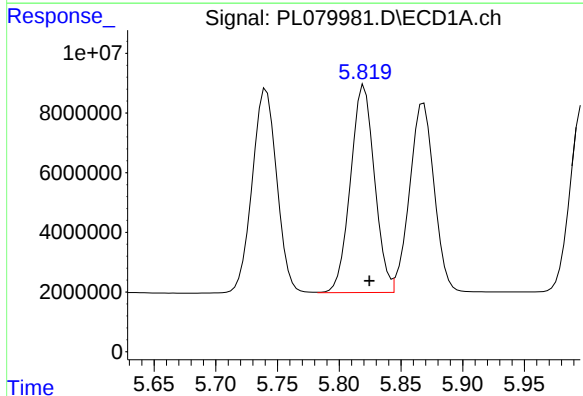
R.T.: 5.741 min  
Delta R.T.: -0.001 min  
Response: 94788286  
Conc: 372.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



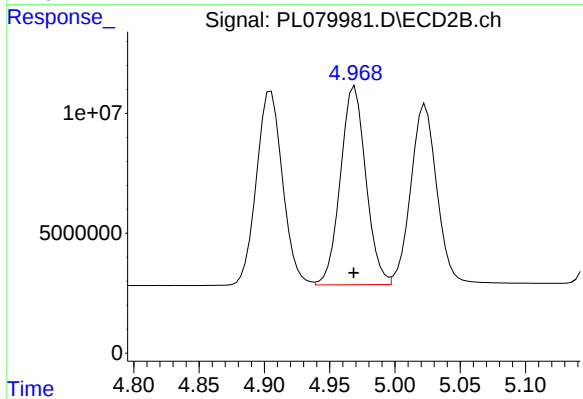
#25 Chlordane-3

R.T.: 4.905 min  
Delta R.T.: 0.000 min  
Response: 112398473  
Conc: 554.94 ng/ml



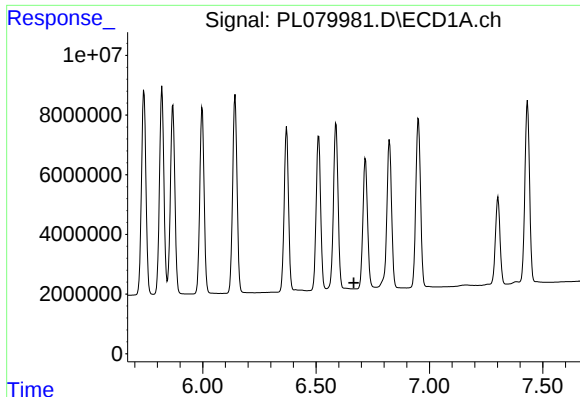
#26 Chlordane-4

R.T.: 5.820 min  
Delta R.T.: -0.004 min  
Response: 94267342  
Conc: 305.43 ng/ml



#26 Chlordane-4

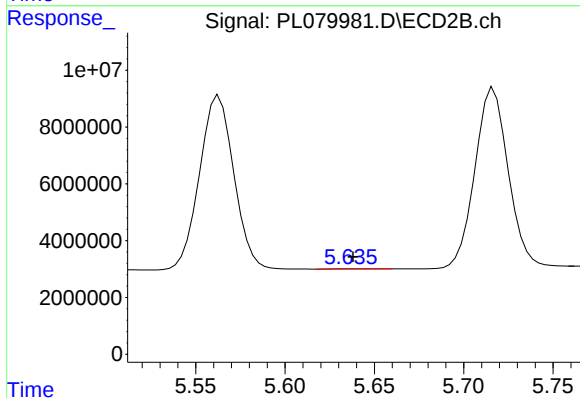
R.T.: 4.969 min  
Delta R.T.: 0.000 min  
Response: 112135250  
Conc: 560.40 ng/ml



#27 Chlordane-5

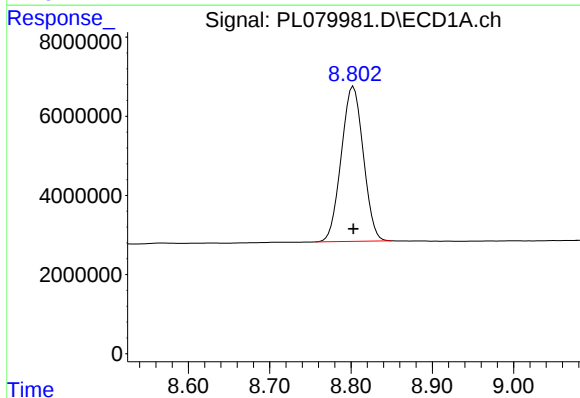
R.T.: 0.000 min  
Exp R.T.: 6.667 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



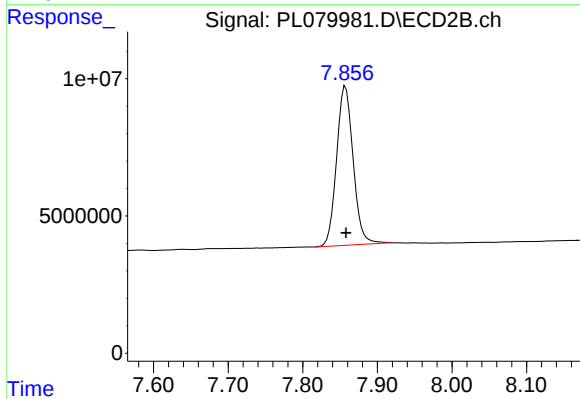
#27 Chlordane-5

R.T.: 5.637 min  
Delta R.T.: -0.001 min  
Response: 147068  
Conc: 2.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.803 min  
Delta R.T.: 0.000 min  
Response: 73532763  
Conc: 52.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.857 min  
Delta R.T.: 0.000 min  
Response: 89692742  
Conc: 53.64 ng/ml