

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030321\  
 Data File : PL065029.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Mar 2021 13:46  
 Operator : AR\AJ  
 Sample : PB134920BS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB134920BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 04 01:14:38 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020821.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 09 04:41:29 2021  
 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... | 3.422  | 4.098  | 59208935 | 51246426 | 21.045   | 23.723     |
| 28)                         | SA Decachlor... | 8.144  | 9.256  | 48827648 | 39950020 | 21.713   | 21.033     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.855  | 4.500  | 240.2E6  | 181.7E6  | 51.797   | 60.003     |
| 3)                          | MA gamma-BHC... | 4.135  | 4.792  | 221.4E6  | 166.7E6  | 51.208   | 58.704     |
| 4)                          | MA Heptachlor   | 4.432  | 5.303  | 203.6E6  | 158.7E6  | 49.658   | 53.555     |
| 5)                          | MB Aldrin       | 4.677  | 5.614  | 191.4E6  | 142.5E6  | 51.399   | 58.122     |
| 6)                          | B beta-BHC      | 4.386  | 4.971  | 83405771 | 76571412 | 48.799   | 59.176     |
| 7)                          | B delta-BHC     | 4.587  | 5.193  | 214.8E6  | 150.9E6  | 53.150   | 55.845     |
| 8)                          | B Heptachlo...  | 5.117  | 6.008  | 177.8E6  | 129.1E6  | 51.200   | 58.532     |
| 9)                          | A Endosulfan I  | 5.453  | 6.371  | 162.8E6  | 118.4E6  | 50.772   | 56.471     |
| 10)                         | B gamma-Chl...  | 5.343  | 6.244  | 177.8E6  | 129.8E6  | 50.714   | 56.163     |
| 11)                         | B alpha-Chl...  | 5.400  | 6.316  | 175.2E6  | 130.2E6  | 50.580   | 56.553     |
| 12)                         | B 4,4'-DDE      | 5.567  | 6.473  | 160.8E6  | 116.8E6  | 51.373   | 57.607     |
| 13)                         | MA Dieldrin     | 5.694  | 6.631  | 170.2E6  | 119.9E6  | 51.882   | 56.092     |
| 14)                         | MA Endrin       | 5.949  | 6.853  | 146.7E6  | 95168446 | 48.829   | 52.644     |
| 15)                         | B Endosulfa...  | 6.223  | 7.068  | 146.8E6  | 102.2E6  | 50.978   | 54.262     |
| 16)                         | A 4,4'-DDD      | 6.080  | 6.972  | 139.8E6  | 96784725 | 55.189   | 55.829     |
| 17)                         | MA 4,4'-DDT     | 6.318  | 7.272  | 104.8E6  | 78231470 | 46.474   | 51.311     |
| 18)                         | B Endrin al...  | 6.391  | 7.194  | 124.1E6  | 88399750 | 50.918   | 54.287     |
| 19)                         | B Endosulfa...  | 6.604  | 7.418  | 142.3E6  | 100.5E6  | 50.186   | 55.835     |
| 20)                         | A Methoxychlor  | 6.866  | 7.733  | 58297922 | 47669198 | 45.023   | 52.734     |
| 21)                         | B Endrin ke...  | 7.090  | 7.896  | 149.5E6  | 101.2E6  | 52.116   | 52.939     |
| 22)                         | Mirex           | 7.272  | 8.347  | 111.7E6  | 75779844 | 52.869   | 54.517     |
| 23)                         | Chlordane-1     | 4.311f | 0.000  | 700546   | 0        | 6.163    | N.D. #     |
| 24)                         | Chlordane-2     | 0.000  | 5.614f | 0        | 142.5E6  | N.D.     | 1634.709 # |
| 25)                         | Chlordane-3     | 5.343  | 6.244  | 177.8E6  | 129.8E6  | 541.133  | 424.498    |
| 26)                         | Chlordane-4     | 5.400  | 6.316  | 175.2E6  | 130.2E6  | 636.697  | 351.431 #  |
| 27)                         | Chlordane-5     | 6.223  | 0.000  | 146.8E6  | 0        | 1450.815 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

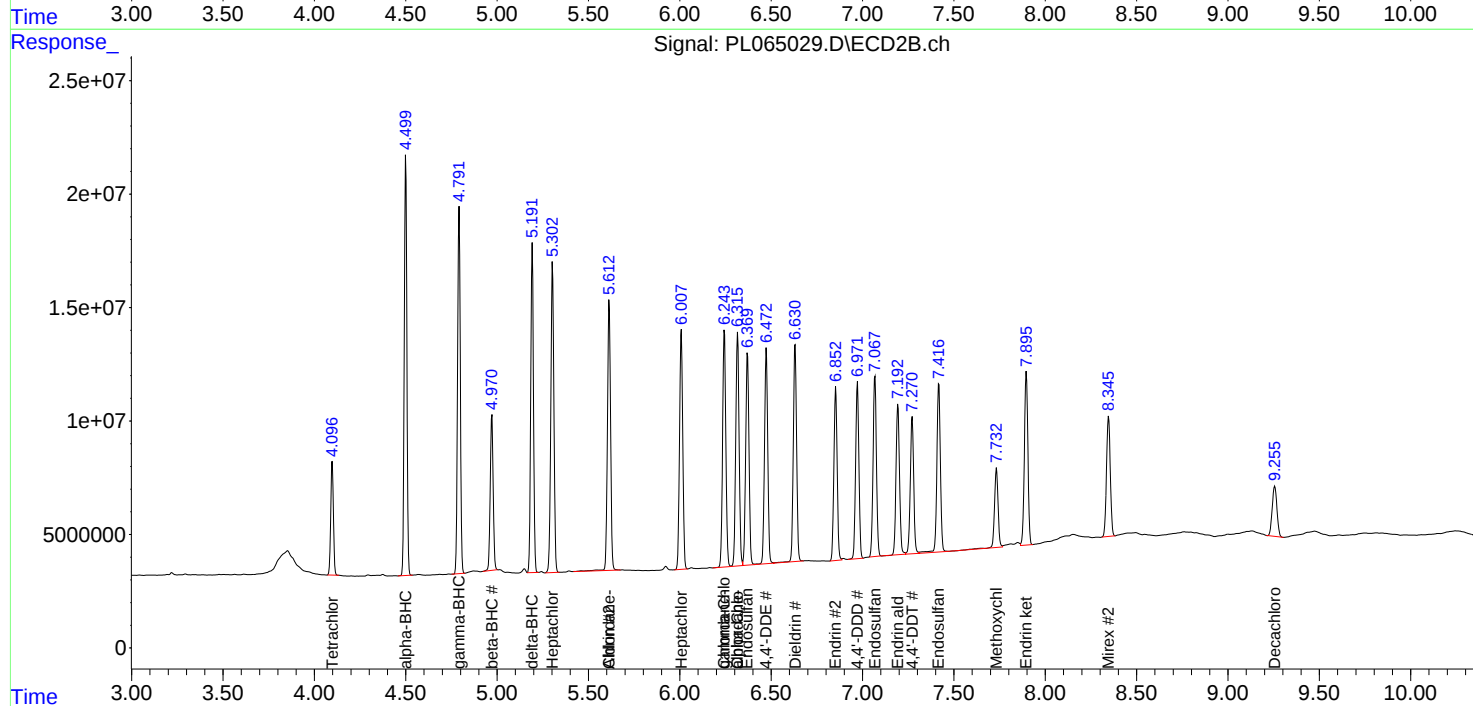
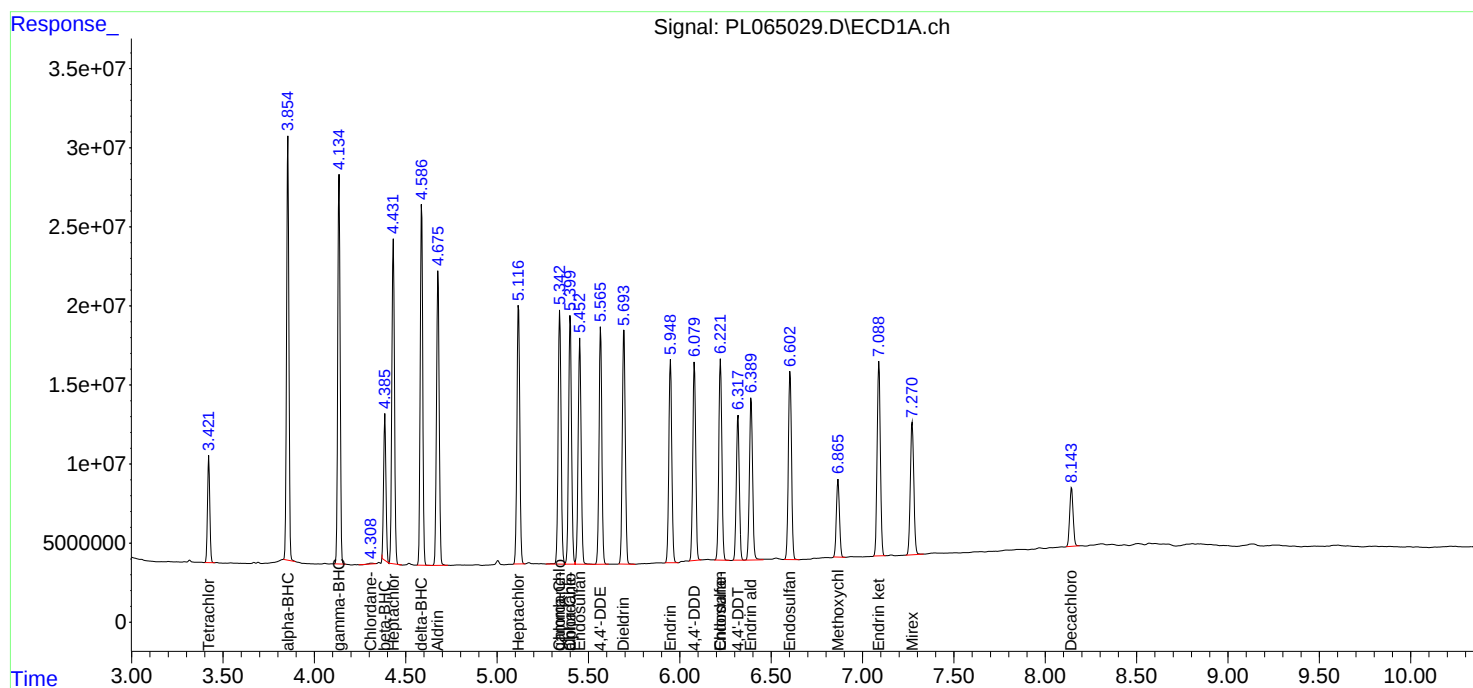
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

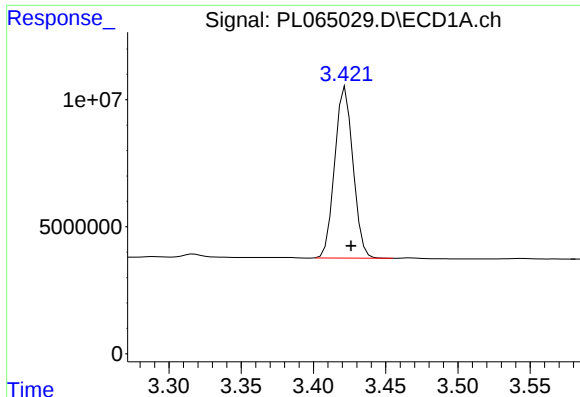
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030321\  
Data File : PL065029.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Mar 2021 13:46  
Operator : AR\AJ  
Sample : PB134920BS  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB134920BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 04 01:14:38 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020821.M  
Quant Title : GC Extractables  
QLast Update : Tue Feb 09 04:41:29 2021  
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

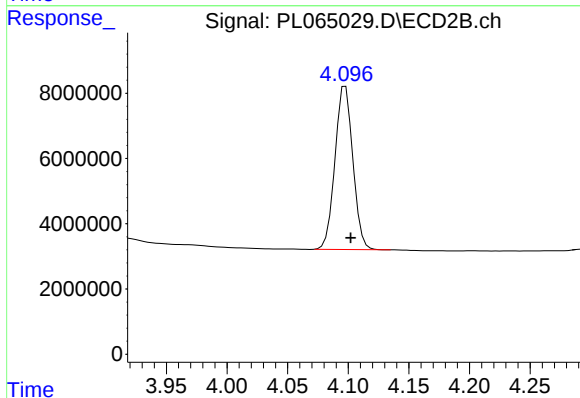




#1 Tetrachloro-m-xylene

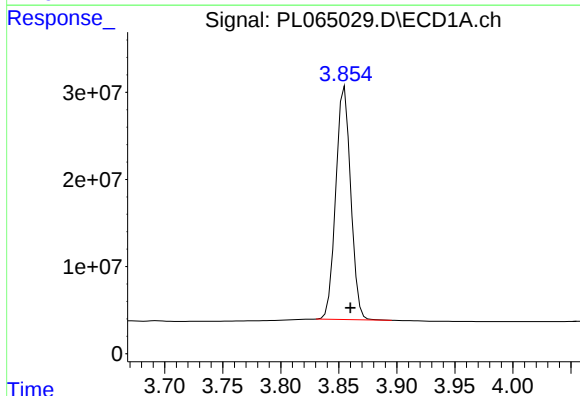
R.T.: 3.422 min  
Delta R.T.: -0.004 min  
Response: 59208935  
Conc: 21.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB134920BS



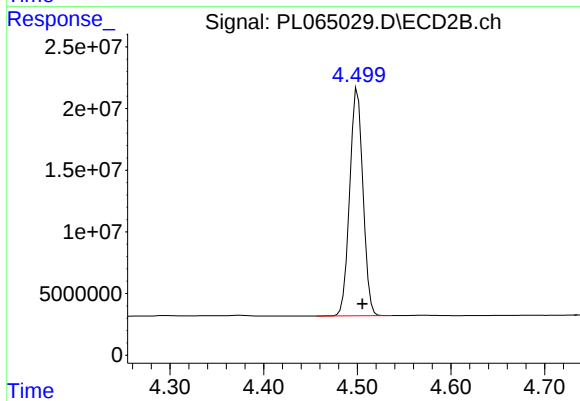
#1 Tetrachloro-m-xylene

R.T.: 4.098 min  
Delta R.T.: -0.004 min  
Response: 51246426  
Conc: 23.72 ng/ml



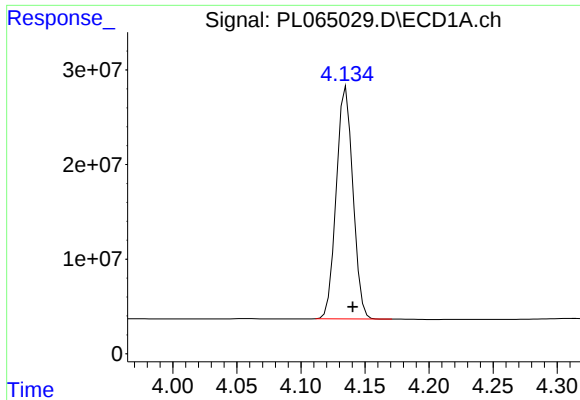
#2 alpha-BHC

R.T.: 3.855 min  
Delta R.T.: -0.005 min  
Response: 240210009  
Conc: 51.80 ng/ml



#2 alpha-BHC

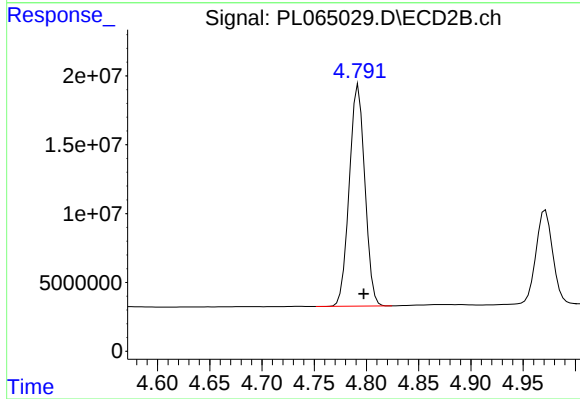
R.T.: 4.500 min  
Delta R.T.: -0.005 min  
Response: 181748393  
Conc: 60.00 ng/ml



#3 gamma-BHC (Lindane)

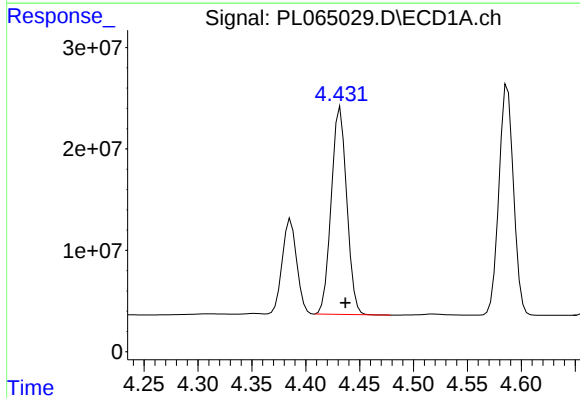
R.T.: 4.135 min  
Delta R.T.: -0.005 min  
Response: 221399512  
Conc: 51.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB134920BS



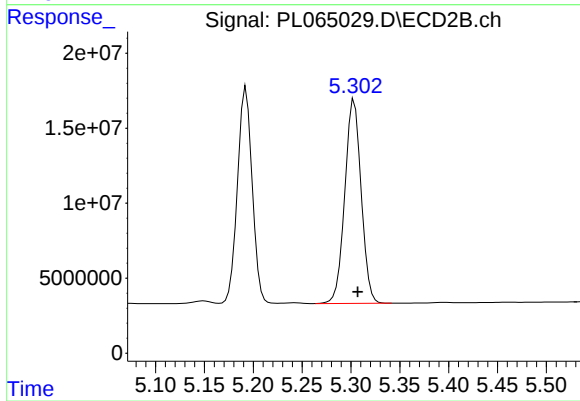
#3 gamma-BHC (Lindane)

R.T.: 4.792 min  
Delta R.T.: -0.005 min  
Response: 166745592  
Conc: 58.70 ng/ml



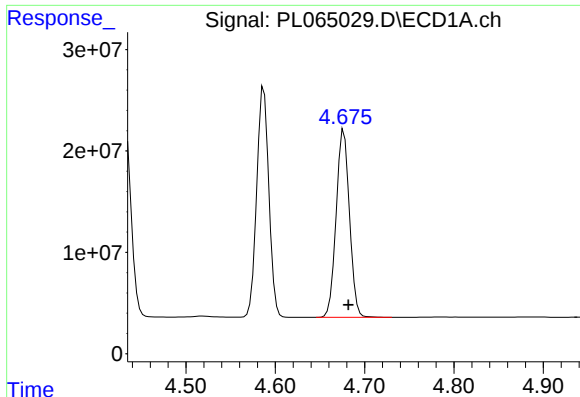
#4 Heptachlor

R.T.: 4.432 min  
Delta R.T.: -0.005 min  
Response: 203604307  
Conc: 49.66 ng/ml



#4 Heptachlor

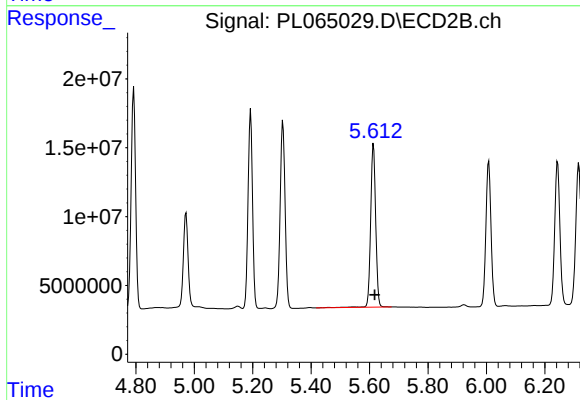
R.T.: 5.303 min  
Delta R.T.: -0.004 min  
Response: 158659925  
Conc: 53.56 ng/ml



#5 Aldrin

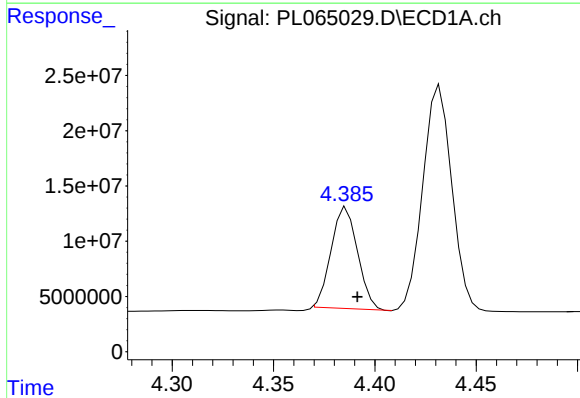
R.T.: 4.677 min  
Delta R.T.: -0.005 min  
Response: 191391653  
Conc: 51.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB134920BS



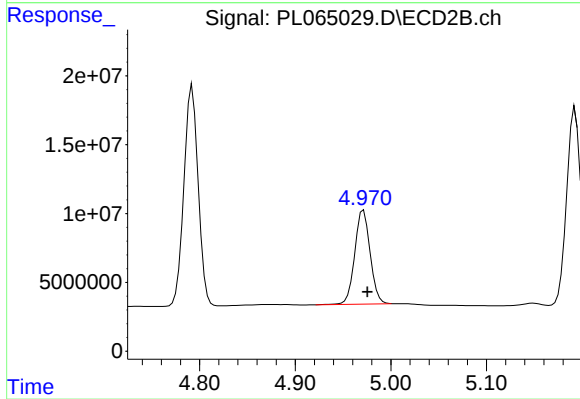
#5 Aldrin

R.T.: 5.614 min  
Delta R.T.: -0.004 min  
Response: 142537182  
Conc: 58.12 ng/ml



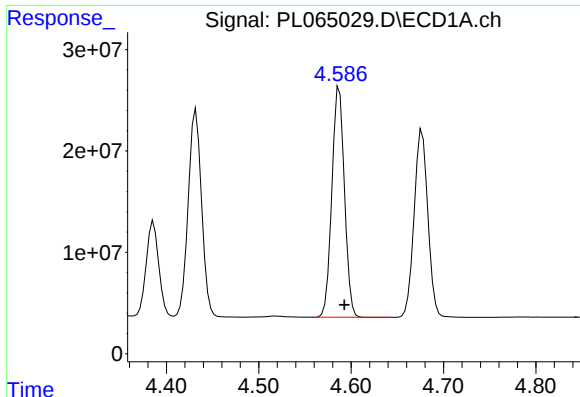
#6 beta-BHC

R.T.: 4.386 min  
Delta R.T.: -0.005 min  
Response: 83405771  
Conc: 48.80 ng/ml



#6 beta-BHC

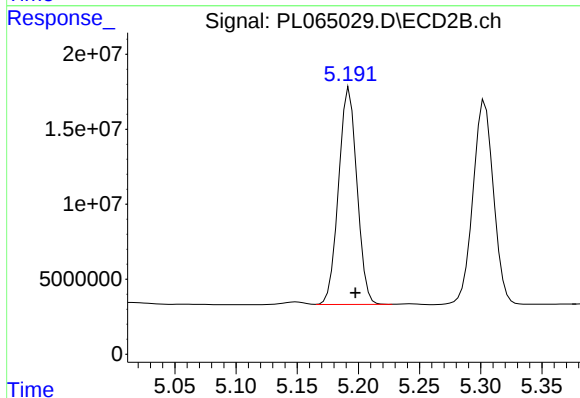
R.T.: 4.971 min  
Delta R.T.: -0.004 min  
Response: 76571412  
Conc: 59.18 ng/ml



#7 delta-BHC

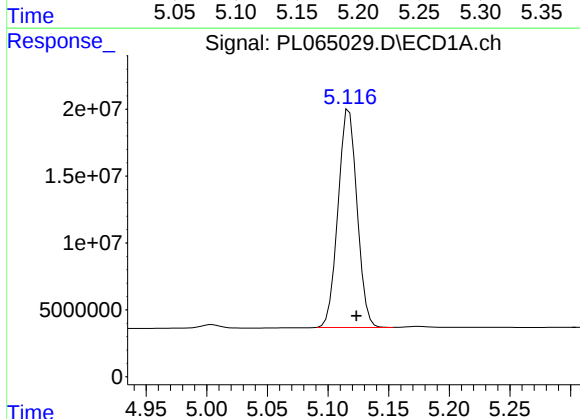
R.T.: 4.587 min  
Delta R.T.: -0.005 min  
Response: 214844272  
Conc: 53.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB134920BS



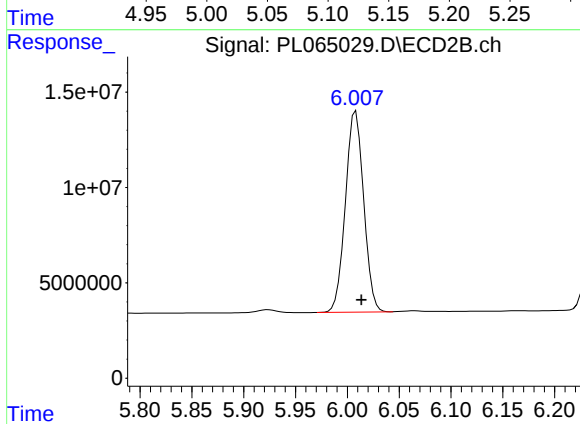
#7 delta-BHC

R.T.: 5.193 min  
Delta R.T.: -0.005 min  
Response: 150881017  
Conc: 55.85 ng/ml



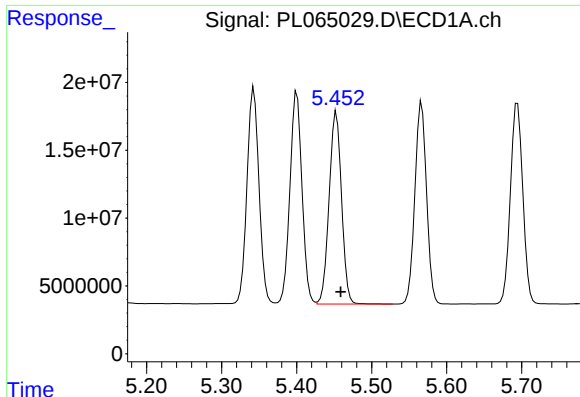
#8 Heptachlor epoxide

R.T.: 5.117 min  
Delta R.T.: -0.006 min  
Response: 177760402  
Conc: 51.20 ng/ml



#8 Heptachlor epoxide

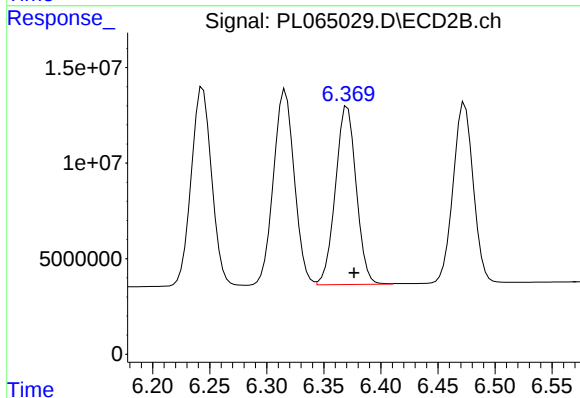
R.T.: 6.008 min  
Delta R.T.: -0.005 min  
Response: 129138913  
Conc: 58.53 ng/ml



#9 Endosulfan I

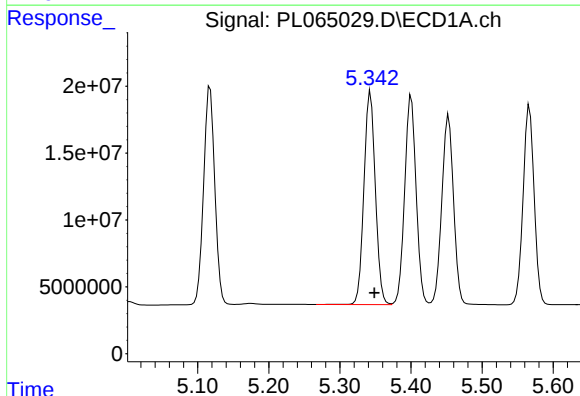
R.T.: 5.453 min  
Delta R.T.: -0.006 min  
Response: 162820588  
Conc: 50.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB134920BS



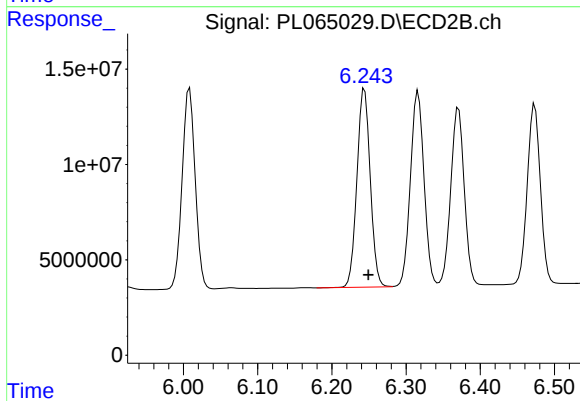
#9 Endosulfan I

R.T.: 6.371 min  
Delta R.T.: -0.006 min  
Response: 118445517  
Conc: 56.47 ng/ml



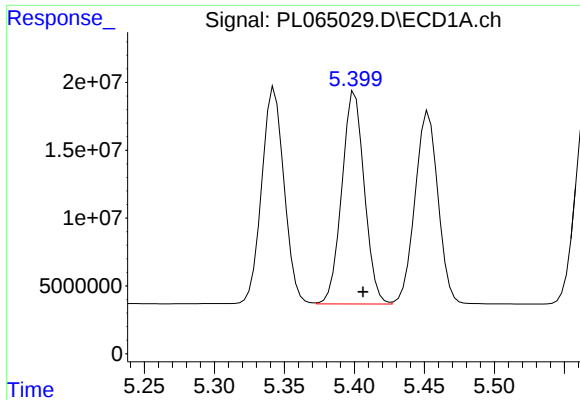
#10 gamma-Chlordane

R.T.: 5.343 min  
Delta R.T.: -0.006 min  
Response: 177824422  
Conc: 50.71 ng/ml



#10 gamma-Chlordane

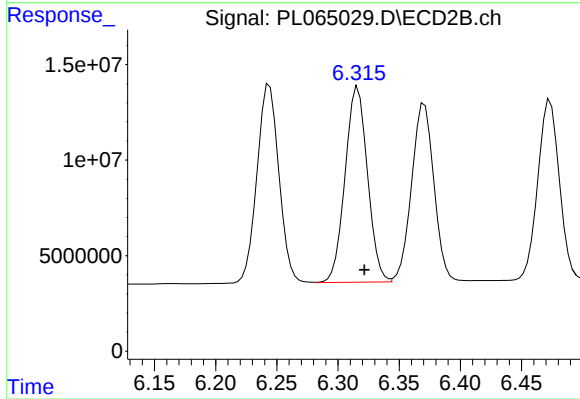
R.T.: 6.244 min  
Delta R.T.: -0.005 min  
Response: 129793678  
Conc: 56.16 ng/ml



#11 alpha-Chlordane

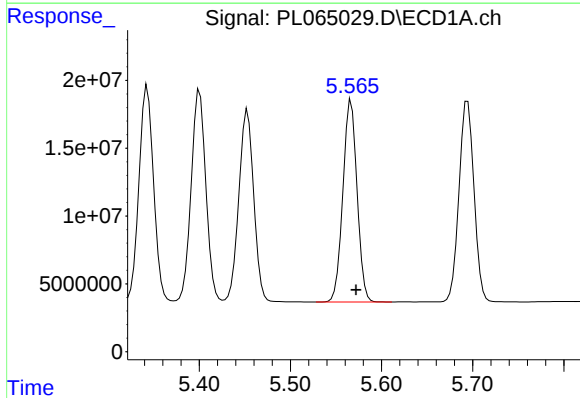
R.T.: 5.400 min  
Delta R.T.: -0.006 min  
Response: 175184268  
Conc: 50.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB134920BS



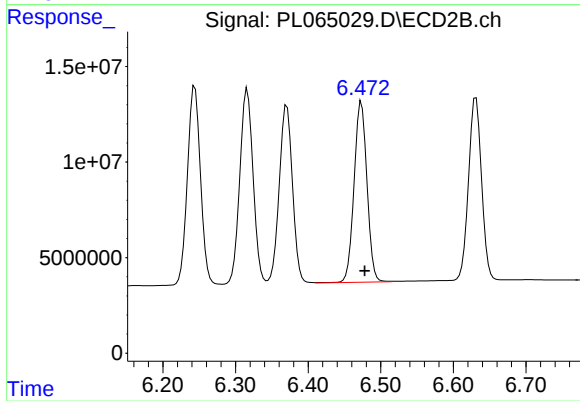
#11 alpha-Chlordane

R.T.: 6.316 min  
Delta R.T.: -0.005 min  
Response: 130197277  
Conc: 56.55 ng/ml



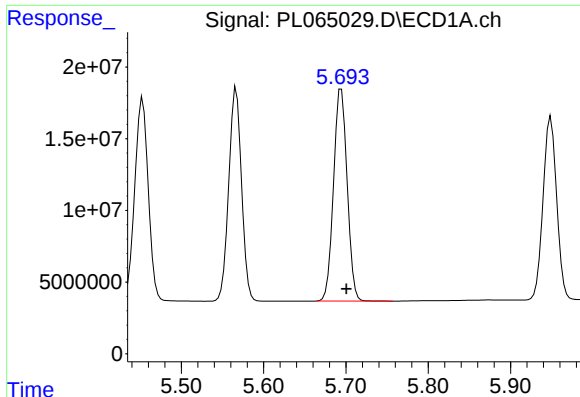
#12 4,4'-DDE

R.T.: 5.567 min  
Delta R.T.: -0.005 min  
Response: 160767277  
Conc: 51.37 ng/ml



#12 4,4'-DDE

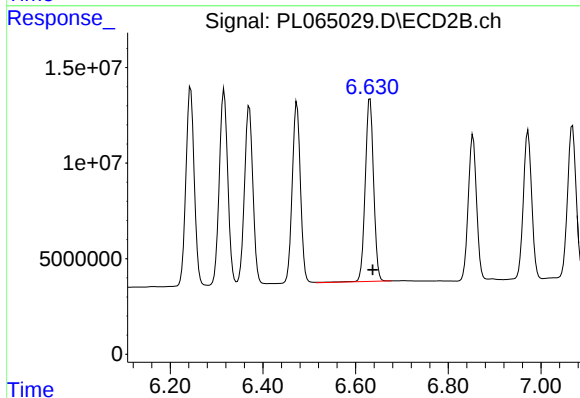
R.T.: 6.473 min  
Delta R.T.: -0.005 min  
Response: 116827956  
Conc: 57.61 ng/ml



#13 Dieldrin

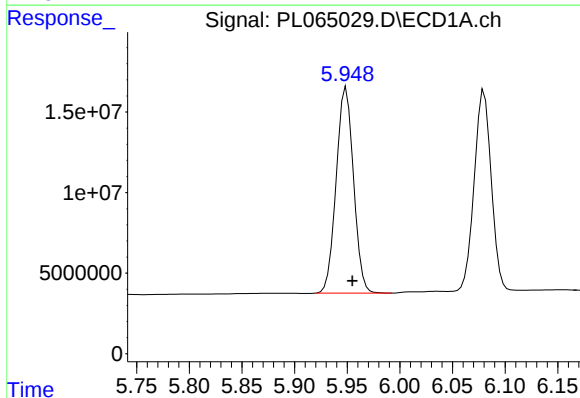
R.T.: 5.694 min  
Delta R.T.: -0.006 min  
Response: 170182047  
Conc: 51.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB134920BS



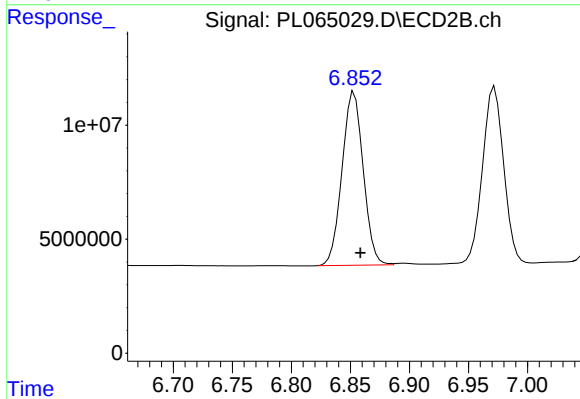
#13 Dieldrin

R.T.: 6.631 min  
Delta R.T.: -0.005 min  
Response: 119907169  
Conc: 56.09 ng/ml



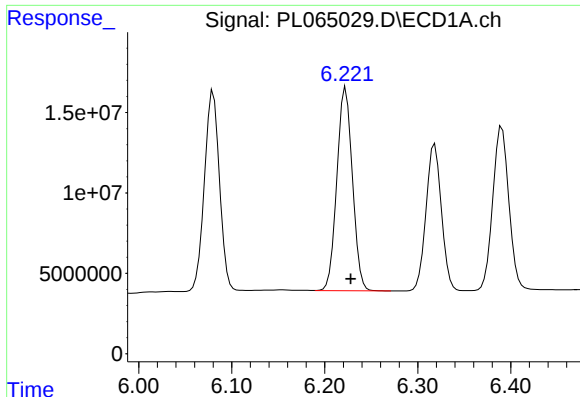
#14 Endrin

R.T.: 5.949 min  
Delta R.T.: -0.006 min  
Response: 146652322  
Conc: 48.83 ng/ml



#14 Endrin

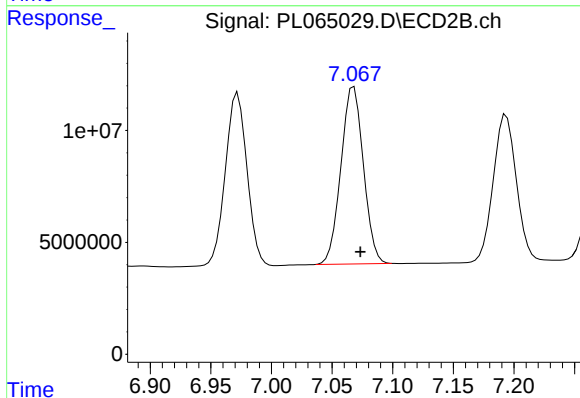
R.T.: 6.853 min  
Delta R.T.: -0.005 min  
Response: 95168446  
Conc: 52.64 ng/ml



#15 Endosulfan II

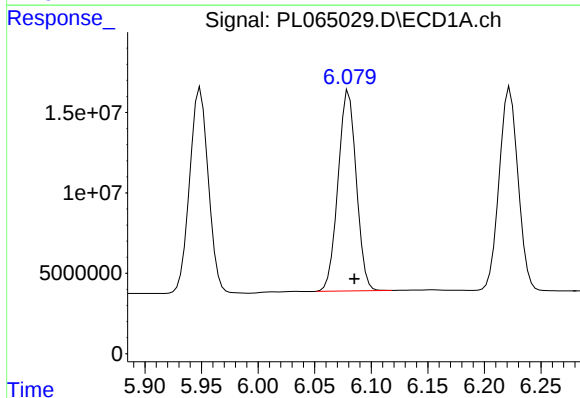
R.T.: 6.223 min  
Delta R.T.: -0.005 min  
Response: 146791508  
Conc: 50.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB134920BS



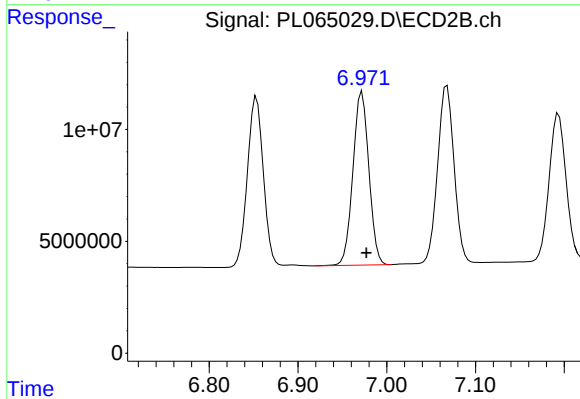
#15 Endosulfan II

R.T.: 7.068 min  
Delta R.T.: -0.005 min  
Response: 102247497  
Conc: 54.26 ng/ml



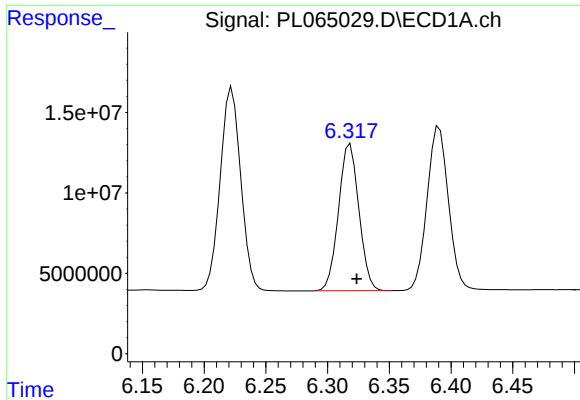
#16 4,4'-DDD

R.T.: 6.080 min  
Delta R.T.: -0.005 min  
Response: 139771801  
Conc: 55.19 ng/ml



#16 4,4'-DDD

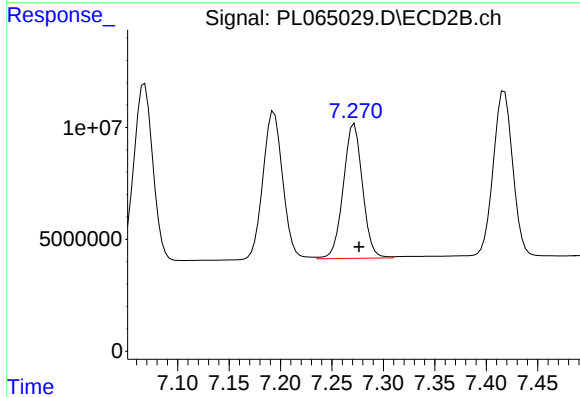
R.T.: 6.972 min  
Delta R.T.: -0.005 min  
Response: 96784725  
Conc: 55.83 ng/ml



#17 4,4'-DDT

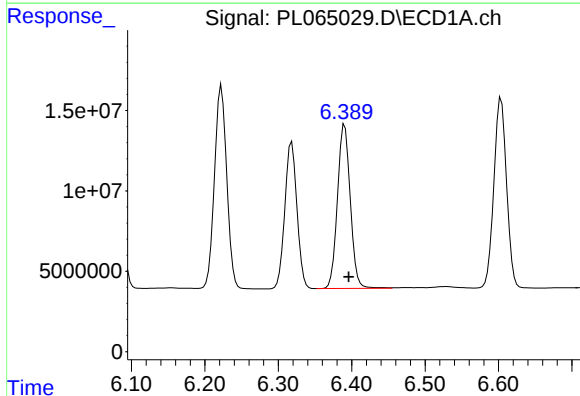
R.T.: 6.318 min  
Delta R.T.: -0.005 min  
Response: 104799016  
Conc: 46.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB134920BS



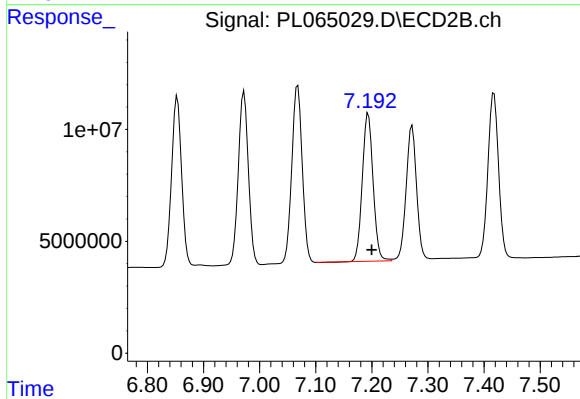
#17 4,4'-DDT

R.T.: 7.272 min  
Delta R.T.: -0.004 min  
Response: 78231470  
Conc: 51.31 ng/ml



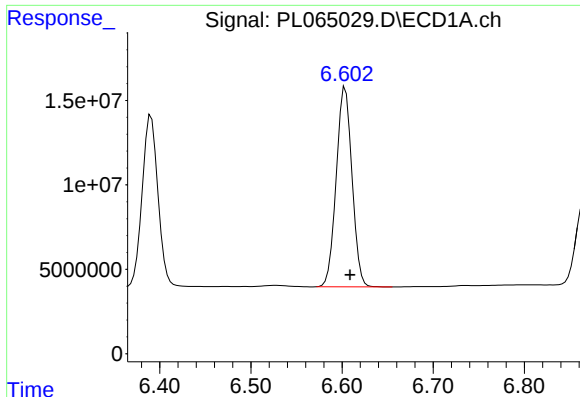
#18 Endrin aldehyde

R.T.: 6.391 min  
Delta R.T.: -0.005 min  
Response: 124145594  
Conc: 50.92 ng/ml



#18 Endrin aldehyde

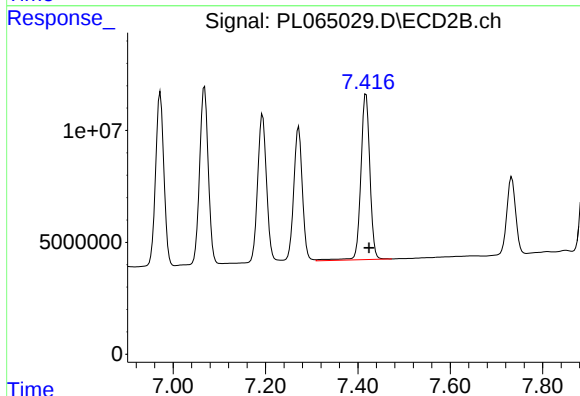
R.T.: 7.194 min  
Delta R.T.: -0.006 min  
Response: 88399750  
Conc: 54.29 ng/ml



#19 Endosulfan Sulfate

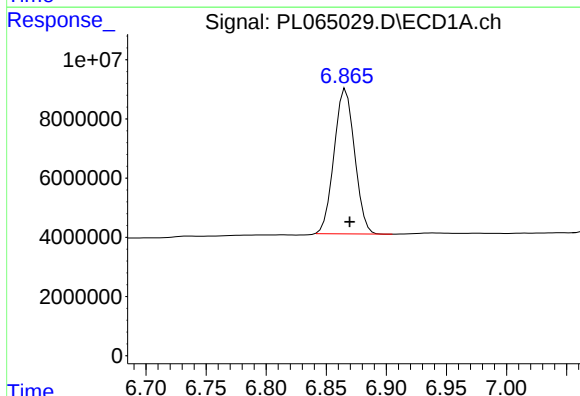
R.T.: 6.604 min  
Delta R.T.: -0.005 min  
Response: 142321165  
Conc: 50.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB134920BS



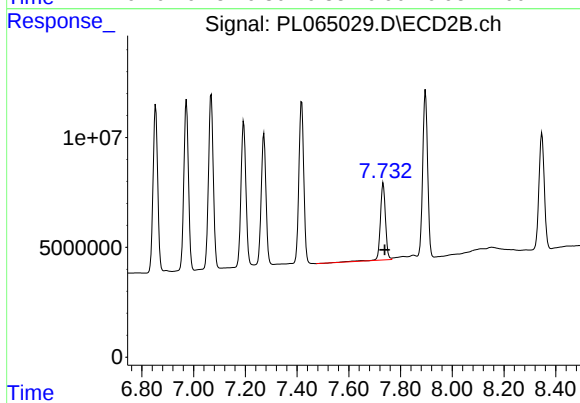
#19 Endosulfan Sulfate

R.T.: 7.418 min  
Delta R.T.: -0.006 min  
Response: 100480649  
Conc: 55.83 ng/ml



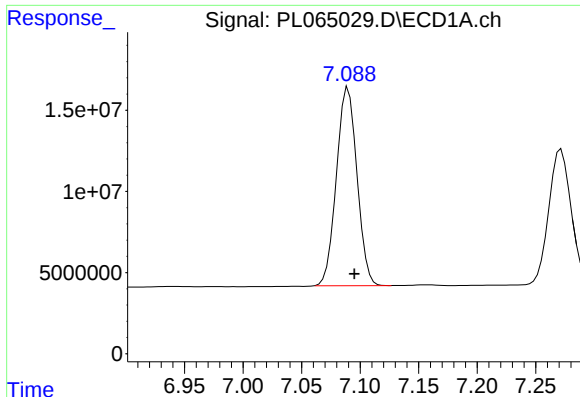
#20 Methoxychlor

R.T.: 6.866 min  
Delta R.T.: -0.003 min  
Response: 58297922  
Conc: 45.02 ng/ml



#20 Methoxychlor

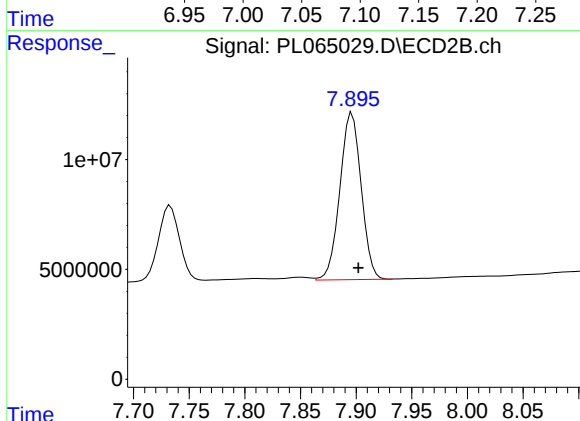
R.T.: 7.733 min  
Delta R.T.: -0.006 min  
Response: 47669198  
Conc: 52.73 ng/ml



#21 Endrin ketone

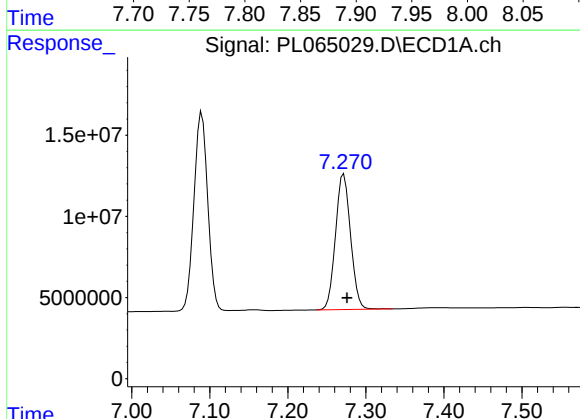
R.T.: 7.090 min  
Delta R.T.: -0.005 min  
Response: 149472875  
Conc: 52.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB134920BS



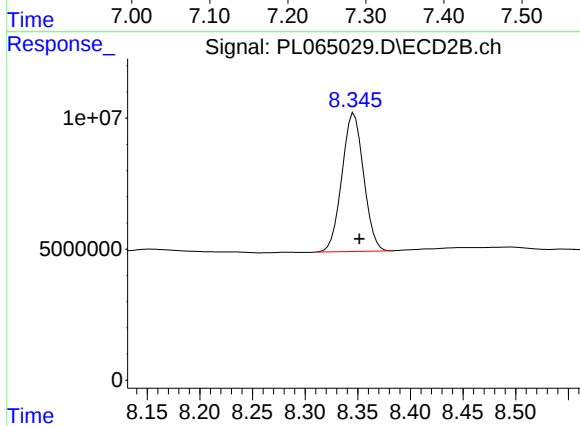
#21 Endrin ketone

R.T.: 7.896 min  
Delta R.T.: -0.006 min  
Response: 101202709  
Conc: 52.94 ng/ml



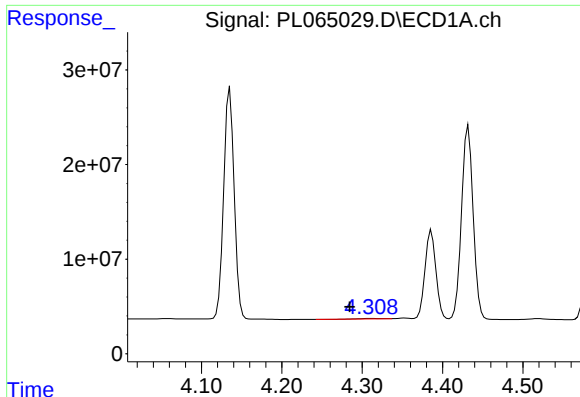
#22 Mirex

R.T.: 7.272 min  
Delta R.T.: -0.004 min  
Response: 111708093  
Conc: 52.87 ng/ml



#22 Mirex

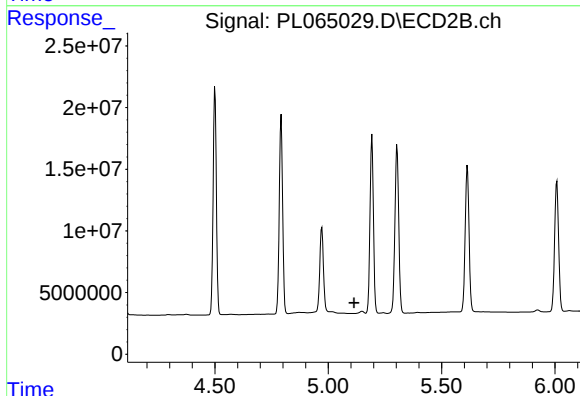
R.T.: 8.347 min  
Delta R.T.: -0.005 min  
Response: 75779844  
Conc: 54.52 ng/ml



#23 Chlordane-1

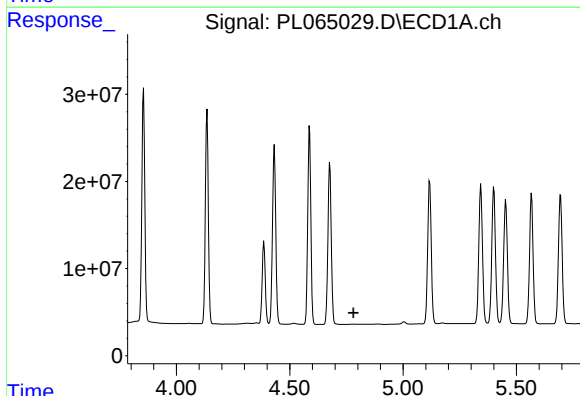
R.T.: 4.311 min  
Delta R.T.: 0.026 min  
Response: 700546  
Conc: 6.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB134920BS



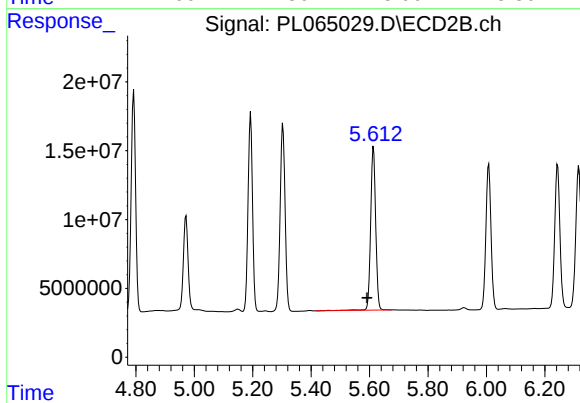
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.114 min  
Response: 0  
Conc: N.D.



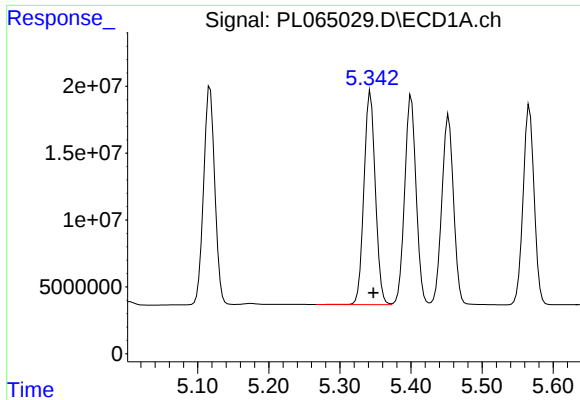
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.782 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

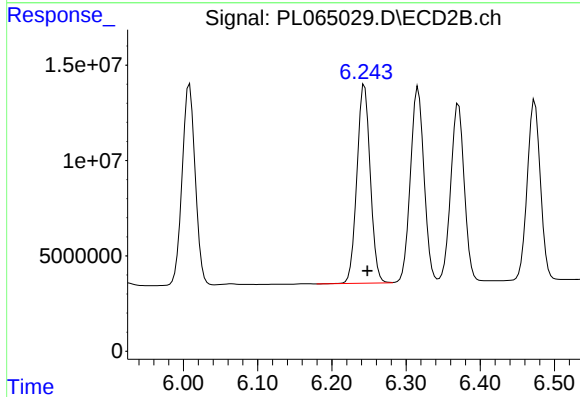
R.T.: 5.614 min  
Delta R.T.: 0.022 min  
Response: 142537182  
Conc: 1634.71 ng/ml



#25 Chlordane-3

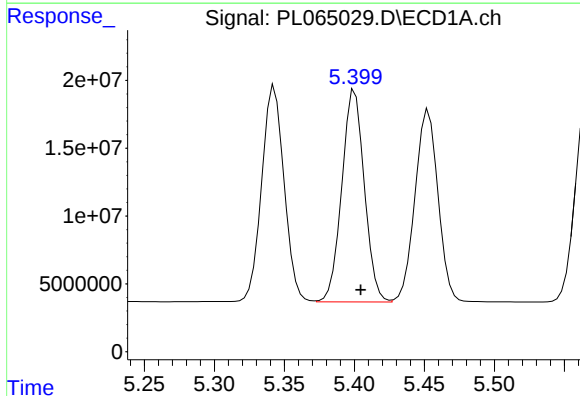
R.T.: 5.343 min  
Delta R.T.: -0.004 min  
Response: 177824422  
Conc: 541.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB134920BS



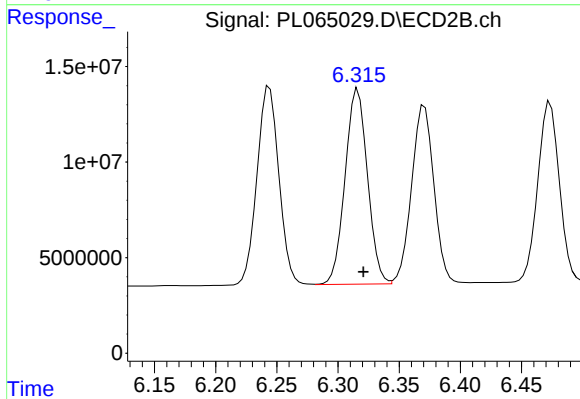
#25 Chlordane-3

R.T.: 6.244 min  
Delta R.T.: -0.004 min  
Response: 129793678  
Conc: 424.50 ng/ml



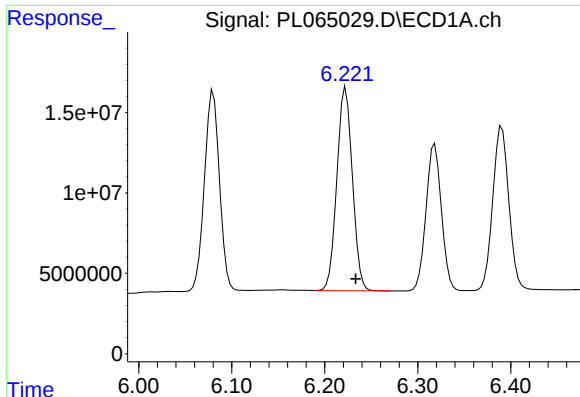
#26 Chlordane-4

R.T.: 5.400 min  
Delta R.T.: -0.004 min  
Response: 175184268  
Conc: 636.70 ng/ml



#26 Chlordane-4

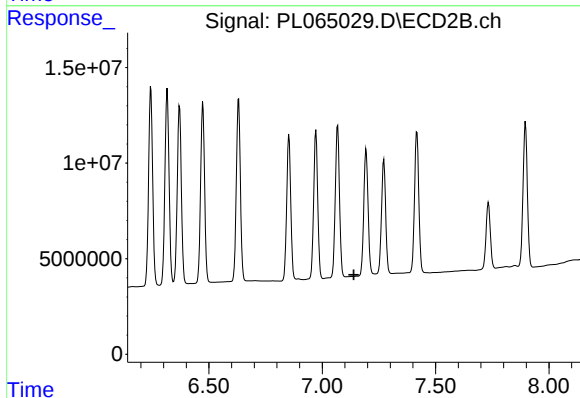
R.T.: 6.316 min  
Delta R.T.: -0.004 min  
Response: 130197277  
Conc: 351.43 ng/ml



#27 Chlordane-5

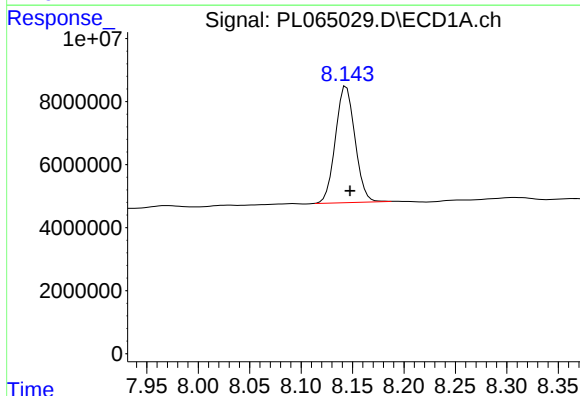
R.T.: 6.223 min  
Delta R.T.: -0.011 min  
Response: 146791508  
Conc: 1450.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB134920BS



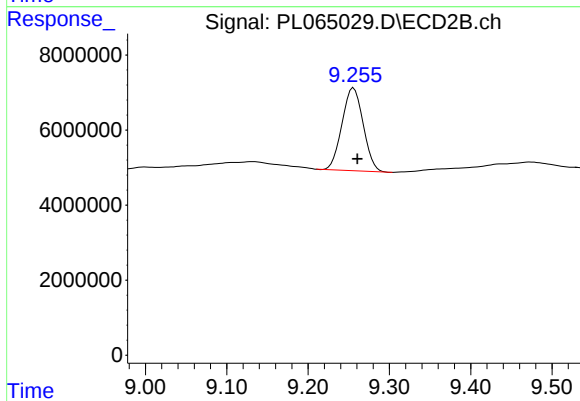
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 7.139 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.144 min  
Delta R.T.: -0.004 min  
Response: 48827648  
Conc: 21.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.256 min  
Delta R.T.: -0.005 min  
Response: 39950020  
Conc: 21.03 ng/ml