

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD082121\  
 Data File : PD065111.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Aug 2021 16:24  
 Operator : AR\AJ  
 Sample : PCHLORCCC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PCHLORCCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 21 00:34:17 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD082021.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 20 02:25:41 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|----------|
| -----                       |                 |        |        |          |          |         |          |
| System Monitoring Compounds |                 |        |        |          |          |         |          |
| 1)                          | SA Tetrachlo... | 3.495  | 4.013  | 58260967 | 388.8E6  | 56.680  | 49.083   |
| 28)                         | SA Decachlor... | 8.240  | 9.083  | 59161879 | 242.3E6  | 52.215  | 51.209   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 0.000  | 4.411  | 0        | 17128005 | N.D.    | 1.474 #  |
| 3)                          | MA gamma-BHC... | 4.225  | 4.711f | 1481873  | 4301145  | 1.080   | 0.406 #  |
| 4)                          | MA Heptachlor   | 4.517  | 5.198  | 25529343 | 242.2E6  | 19.601  | 24.153   |
| 5)                          | MB Aldrin       | 4.773  | 5.478f | 2099154  | 136.9E6  | 1.750   | 15.159 # |
| 7)                          | B delta-BHC     | 4.674  | 0.000  | 2414041  | 0        | 1.826   | N.D. #   |
| 8)                          | B Heptachlo...  | 0.000  | 5.880  | 0        | 119.1E6  | N.D.    | 15.966 # |
| 9)                          | A Endosulfan I  | 5.527f | 6.245  | 5365366  | 7437156  | 5.030   | 1.056 #  |
| 10)                         | B gamma-Chl...  | 5.433  | 6.126  | 52100534 | 492.0E6  | 46.079  | 64.341 # |
| 11)                         | B alpha-Chl...  | 5.491  | 6.199  | 43166318 | 571.6E6  | 38.553  | 76.783 # |
| 12)                         | B 4,4'-DDE      | 5.656  | 6.352  | 612279   | 6027641  | 0.581   | 0.839 #  |
| 13)                         | MA Dieldrin     | 5.771f | 6.503  | 2565218  | 29080341 | 2.286   | 4.008 #  |
| 14)                         | MA Endrin       | 6.046  | 6.748f | 3039033  | 7238056  | 2.896   | 1.176 #  |
| 15)                         | B Endosulfa...  | 6.327  | 6.947  | 21373179 | 6692698  | 21.376  | 1.141 #  |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.866f | 0        | 25049649 | N.D.    | 4.260 #  |
| 17)                         | MA 4,4'-DDT     | 0.000  | 7.125f | 0        | 9048841  | N.D.    | 1.509 #  |
| 18)                         | B Endrin al...  | 6.487  | 7.048f | 870583   | 6645699  | 1.052   | 1.425 #  |
| 19)                         | B Endosulfa...  | 6.701  | 7.287  | -250436  | 5280502  | N.D.    | 0.921    |
| 21)                         | B Endrin ke...  | 0.000  | 7.787f | 0        | 4671200  | N.D.    | 0.719 #  |
| 22)                         | Mirex           | 7.385  | 8.231f | 3673421  | 595525   | 3.602   | 0.134 #  |
| 23)                         | Chlordane-1     | 4.365  | 5.008  | 17583706 | 156.9E6  | 464.293 | 506.656  |
| 24)                         | Chlordane-2     | 4.865  | 5.478  | 21028555 | 136.9E6  | 481.815 | 437.720  |
| 25)                         | Chlordane-3     | 5.433  | 6.126  | 52100534 | 492.0E6  | 472.050 | 475.844  |
| 26)                         | Chlordane-4     | 5.491  | 6.199  | 43166318 | 571.6E6  | 470.202 | 475.428  |
| 27)                         | Chlordane-5     | 6.327  | 7.009  | 21373179 | 98273442 | 475.078 | 414.470  |
| -----                       |                 |        |        |          |          |         |          |

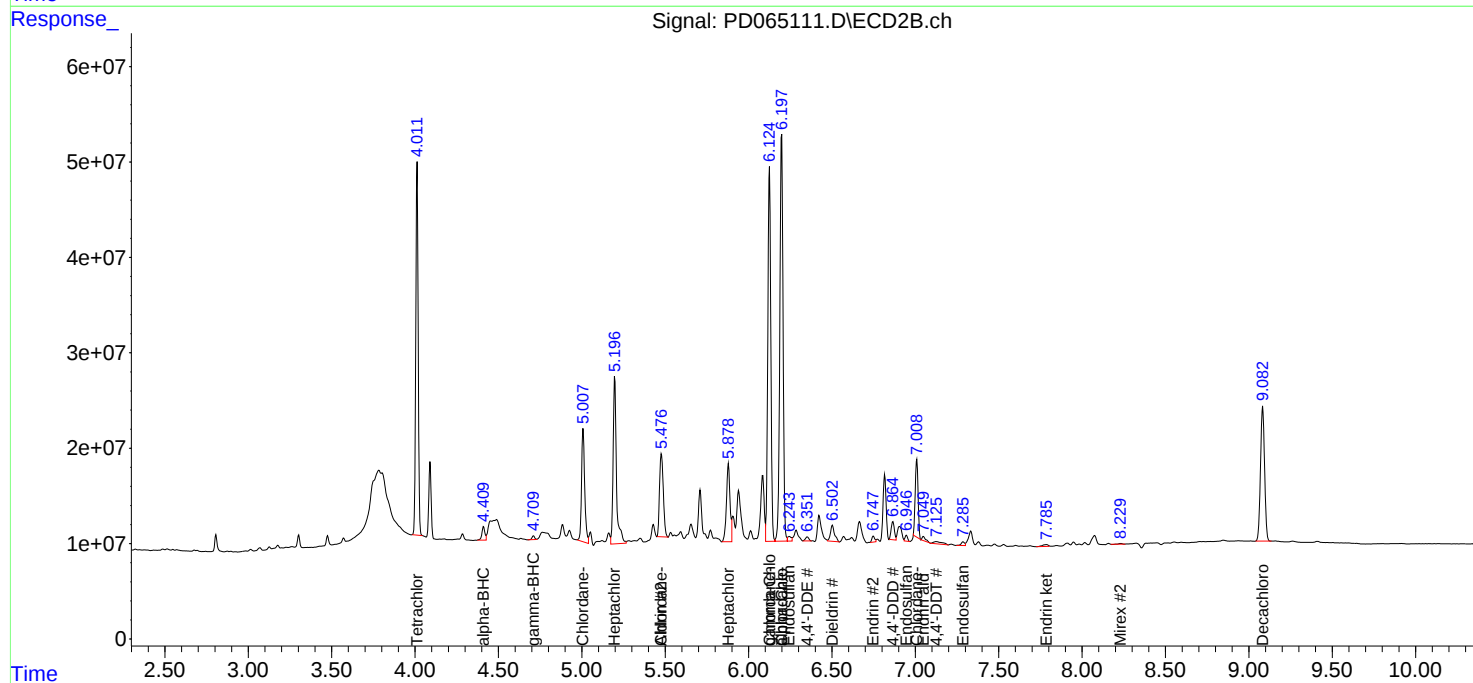
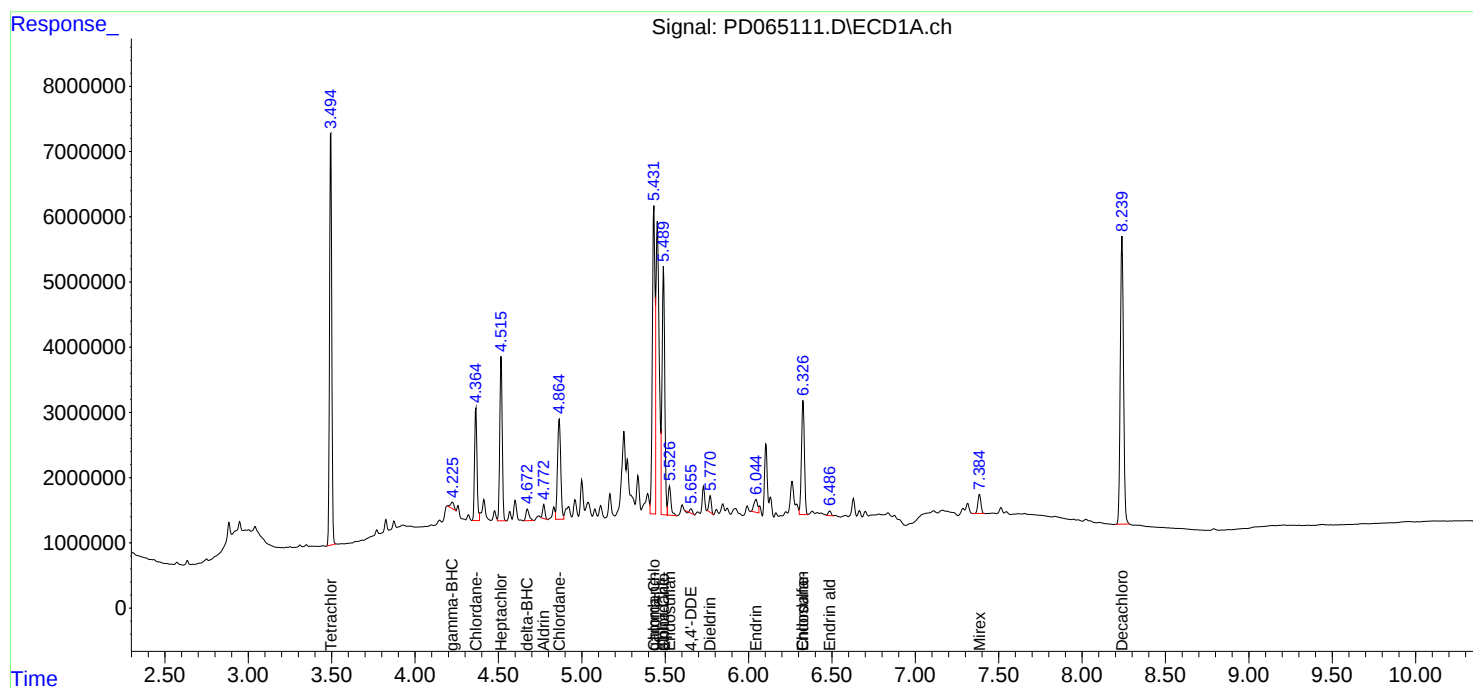
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

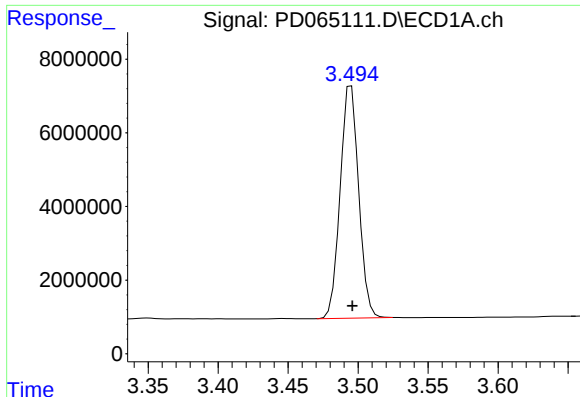
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD082121\  
Data File : PD065111.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Aug 2021 16:24  
Operator : AR\AJ  
Sample : PCHLORCCC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 21 00:34:17 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD082021.M  
Quant Title : GC Extractables  
QLast Update : Fri Aug 20 02:25:41 2021  
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Volume Inj. : 2 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 x 0.50µm

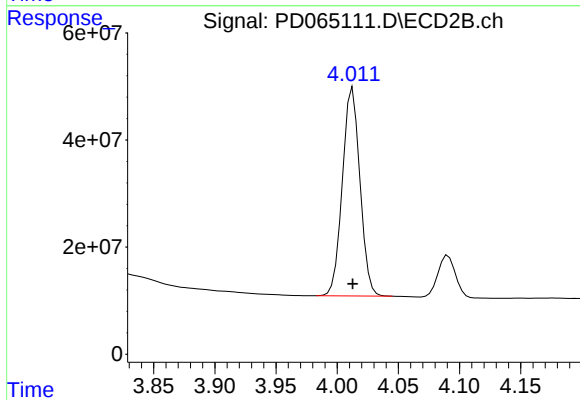




#1 Tetrachloro-m-xylene

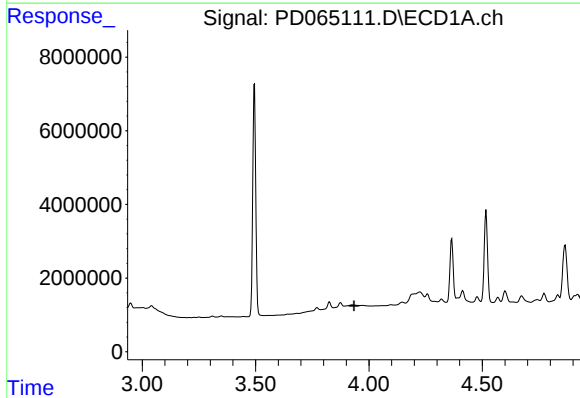
R.T.: 3.495 min  
Delta R.T.: 0.000 min  
Response: 58260967  
Conc: 56.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



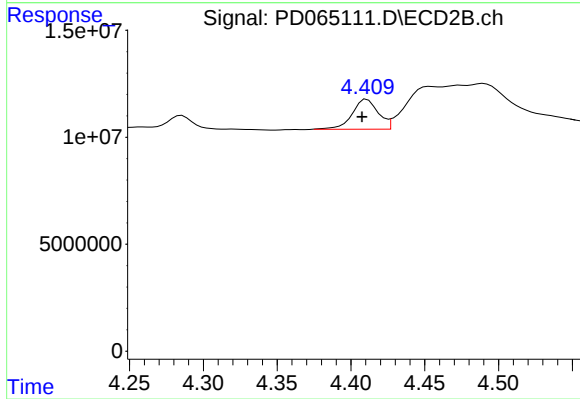
#1 Tetrachloro-m-xylene

R.T.: 4.013 min  
Delta R.T.: 0.000 min  
Response: 388767972  
Conc: 49.08 ng/ml



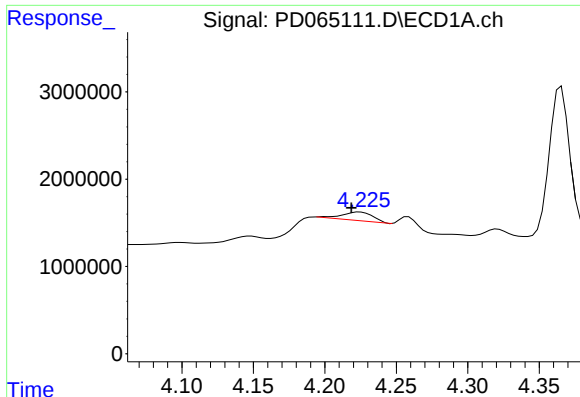
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.935 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

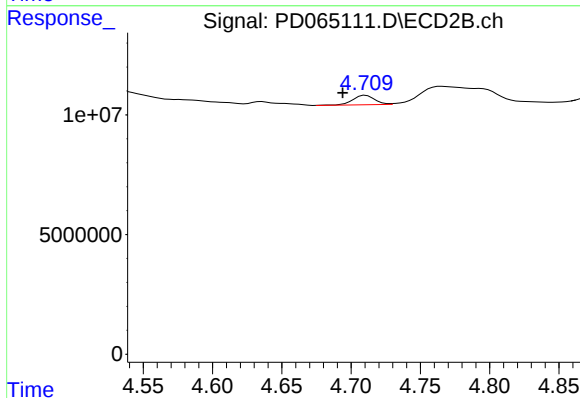
R.T.: 4.411 min  
Delta R.T.: 0.003 min  
Response: 17128005  
Conc: 1.47 ng/ml



#3 gamma-BHC (Lindane)

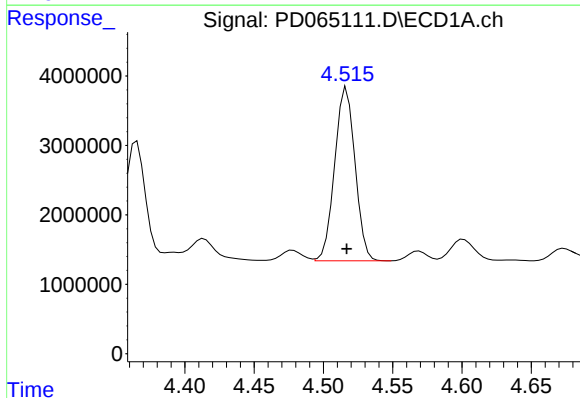
R.T.: 4.225 min  
Delta R.T.: 0.006 min  
Response: 1481873  
Conc: 1.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



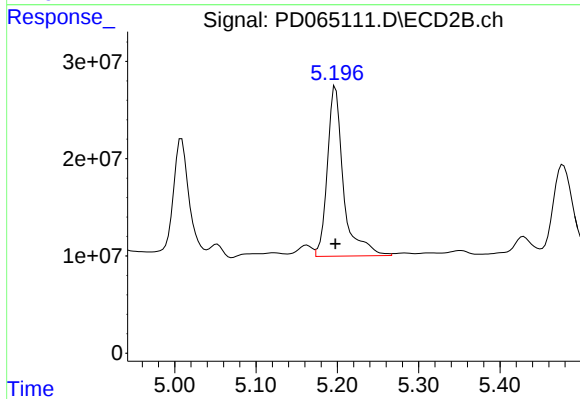
#3 gamma-BHC (Lindane)

R.T.: 4.711 min  
Delta R.T.: 0.016 min  
Response: 4301145  
Conc: 0.41 ng/ml



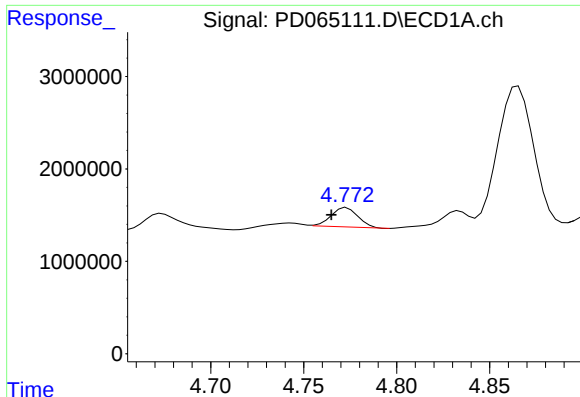
#4 Heptachlor

R.T.: 4.517 min  
Delta R.T.: 0.000 min  
Response: 25529343  
Conc: 19.60 ng/ml



#4 Heptachlor

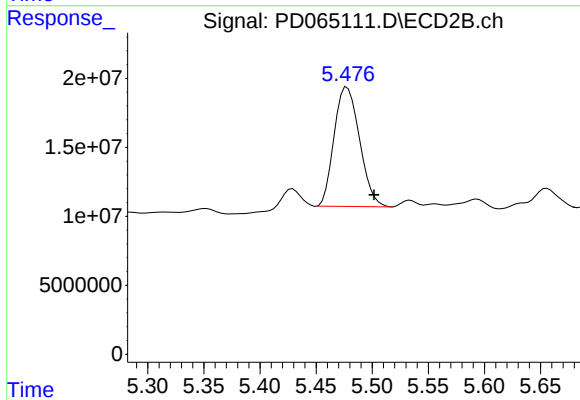
R.T.: 5.198 min  
Delta R.T.: 0.000 min  
Response: 242156460  
Conc: 24.15 ng/ml



#5 Aldrin

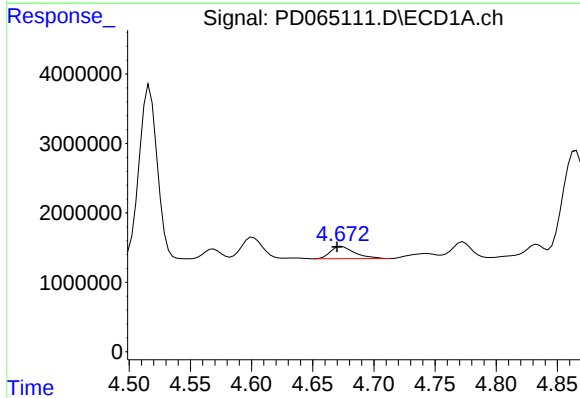
R.T.: 4.773 min  
Delta R.T.: 0.008 min  
Response: 2099154  
Conc: 1.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



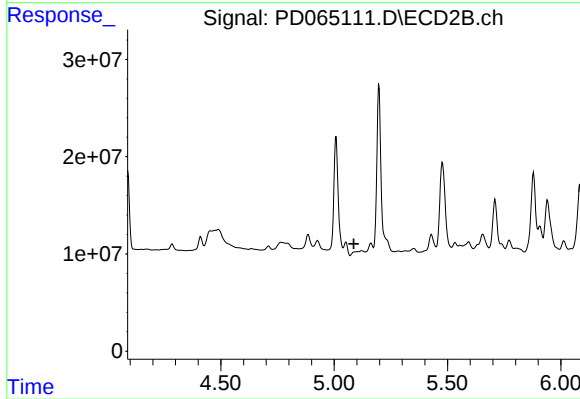
#5 Aldrin

R.T.: 5.478 min  
Delta R.T.: -0.024 min  
Response: 136929492  
Conc: 15.16 ng/ml



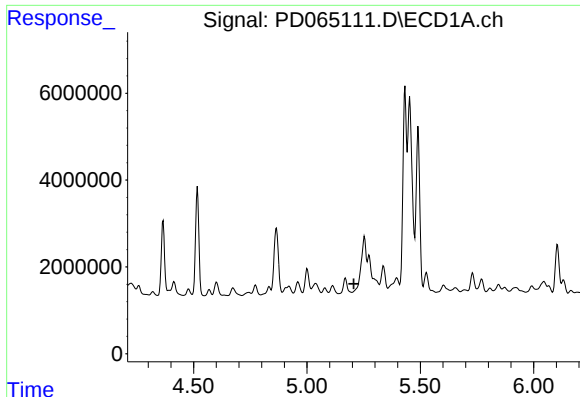
#7 delta-BHC

R.T.: 4.674 min  
Delta R.T.: 0.004 min  
Response: 2414041  
Conc: 1.83 ng/ml



#7 delta-BHC

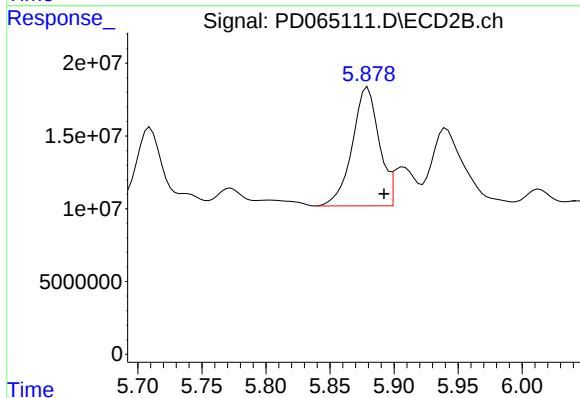
R.T.: 0.000 min  
Exp R.T.: 5.086 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

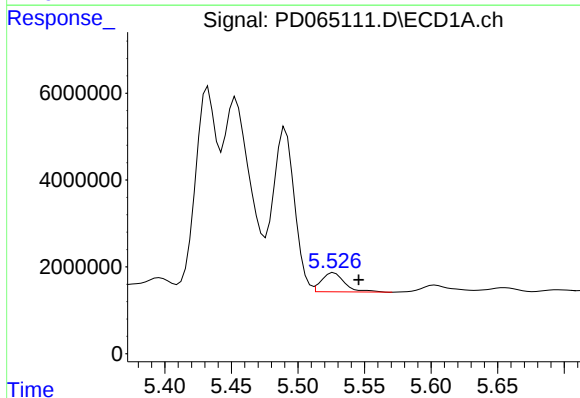
R.T.: 0.000 min  
Exp R.T.: 5.207 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



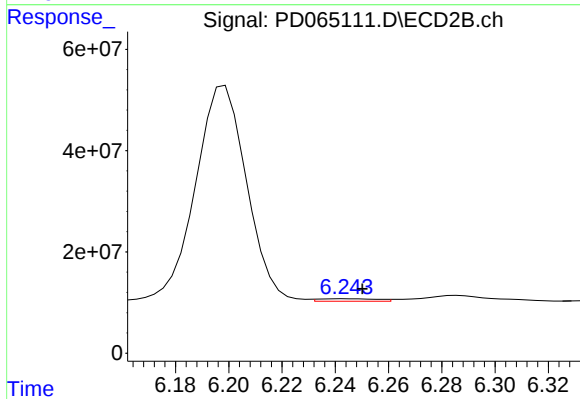
#8 Heptachlor epoxide

R.T.: 5.880 min  
Delta R.T.: -0.013 min  
Response: 119115558  
Conc: 15.97 ng/ml



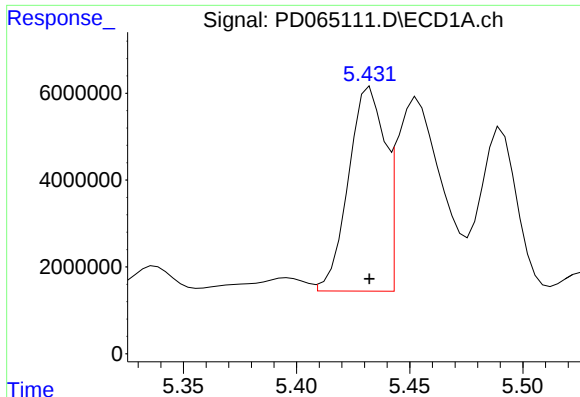
#9 Endosulfan I

R.T.: 5.527 min  
Delta R.T.: -0.019 min  
Response: 5365366  
Conc: 5.03 ng/ml



#9 Endosulfan I

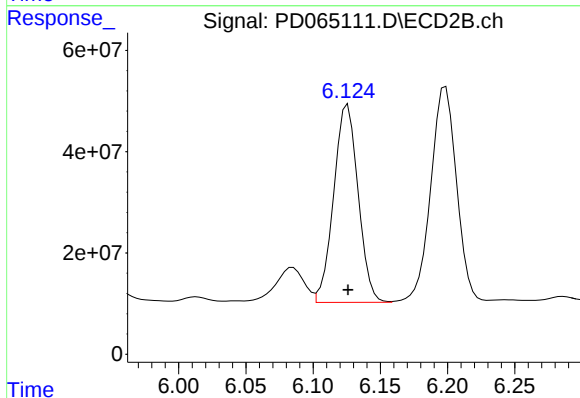
R.T.: 6.245 min  
Delta R.T.: -0.006 min  
Response: 7437156  
Conc: 1.06 ng/ml



#10 gamma-Chlordane

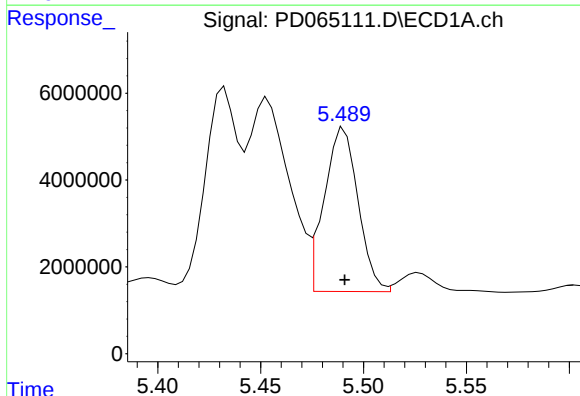
R.T.: 5.433 min  
Delta R.T.: 0.000 min  
Response: 52100534  
Conc: 46.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



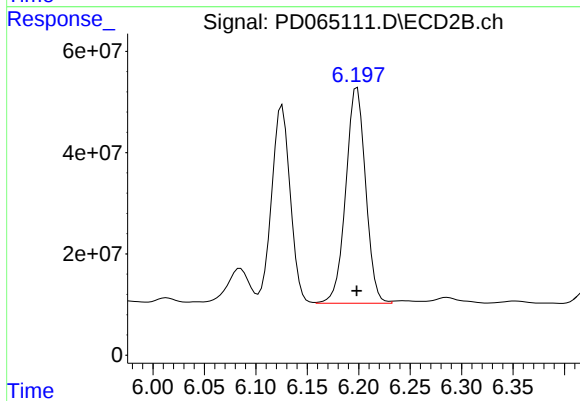
#10 gamma-Chlordane

R.T.: 6.126 min  
Delta R.T.: 0.000 min  
Response: 491953803  
Conc: 64.34 ng/ml



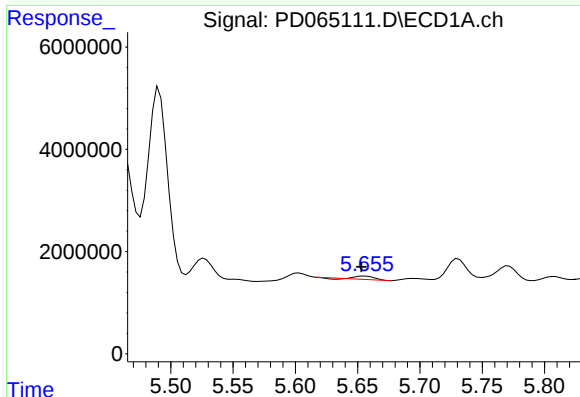
#11 alpha-Chlordane

R.T.: 5.491 min  
Delta R.T.: 0.000 min  
Response: 43166318  
Conc: 38.55 ng/ml



#11 alpha-Chlordane

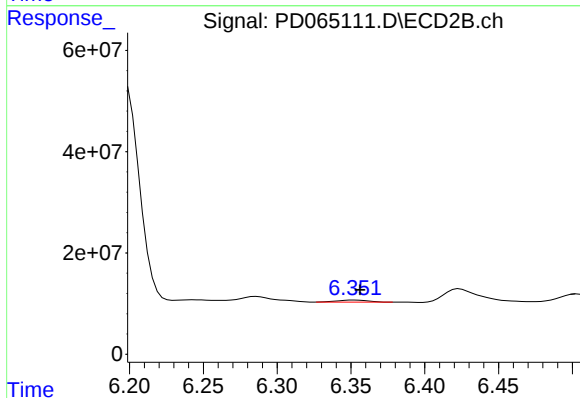
R.T.: 6.199 min  
Delta R.T.: 0.000 min  
Response: 571617320  
Conc: 76.78 ng/ml



#12 4,4'-DDE

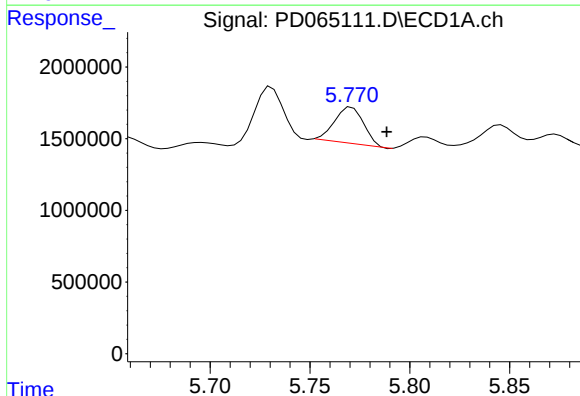
R.T.: 5.656 min  
Delta R.T.: 0.003 min  
Response: 612279  
Conc: 0.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



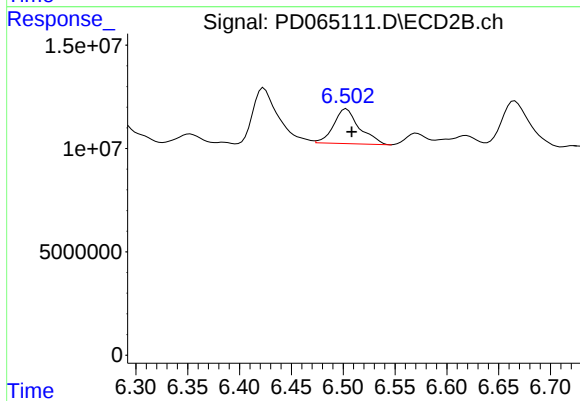
#12 4,4'-DDE

R.T.: 6.352 min  
Delta R.T.: -0.004 min  
Response: 6027641  
Conc: 0.84 ng/ml



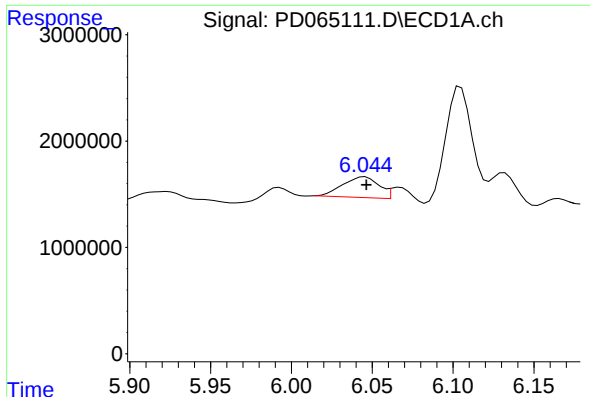
#13 Dieldrin

R.T.: 5.771 min  
Delta R.T.: -0.018 min  
Response: 2565218  
Conc: 2.29 ng/ml



#13 Dieldrin

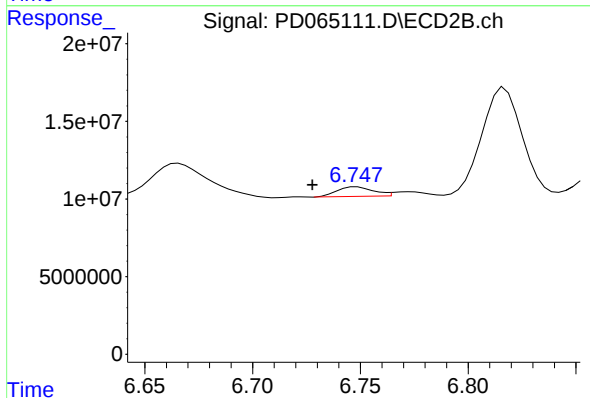
R.T.: 6.503 min  
Delta R.T.: -0.005 min  
Response: 29080341  
Conc: 4.01 ng/ml



#14 Endrin

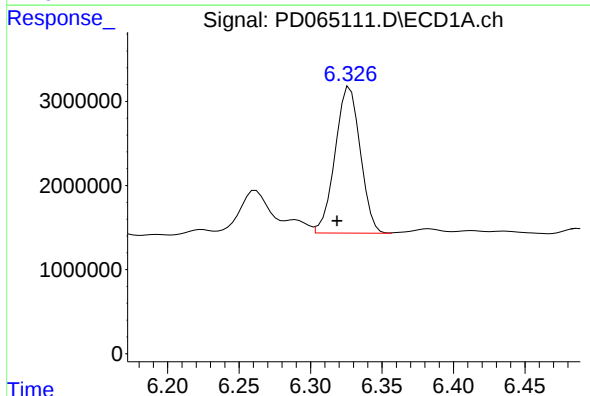
R.T.: 6.046 min  
Delta R.T.: 0.000 min  
Response: 3039033  
Conc: 2.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



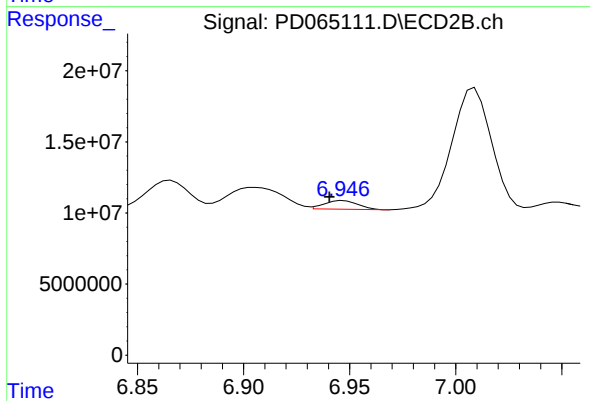
#14 Endrin

R.T.: 6.748 min  
Delta R.T.: 0.020 min  
Response: 7238056  
Conc: 1.18 ng/ml



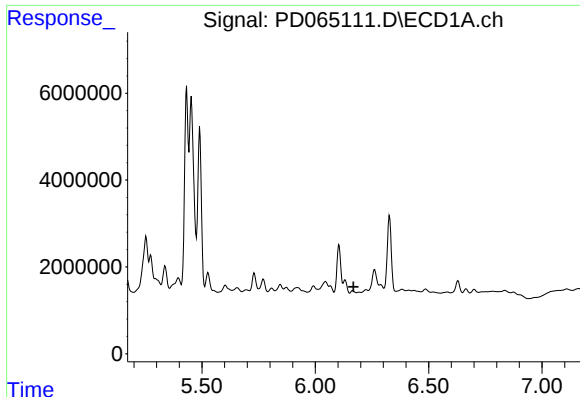
#15 Endosulfan II

R.T.: 6.327 min  
Delta R.T.: 0.009 min  
Response: 21373179  
Conc: 21.38 ng/ml



#15 Endosulfan II

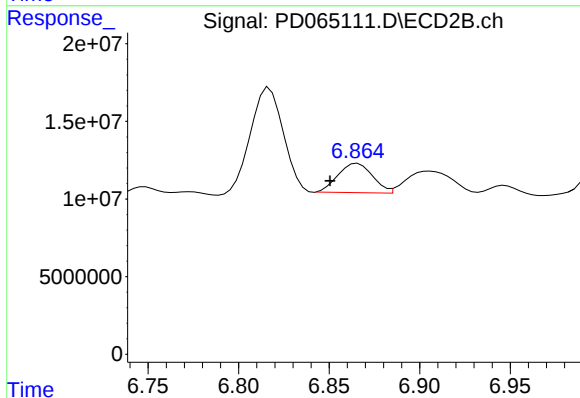
R.T.: 6.947 min  
Delta R.T.: 0.006 min  
Response: 6692698  
Conc: 1.14 ng/ml



#16 4,4'-DDD

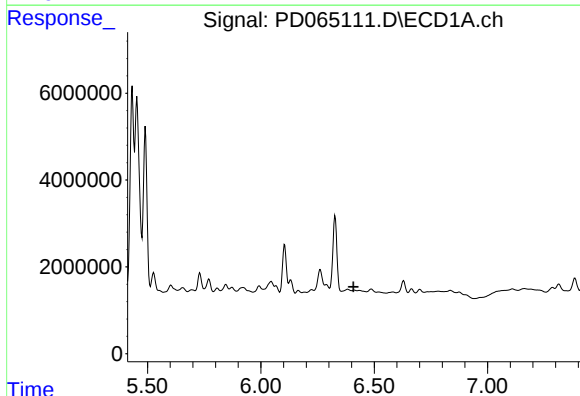
R.T.: 0.000 min  
Exp R.T.: 6.169 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



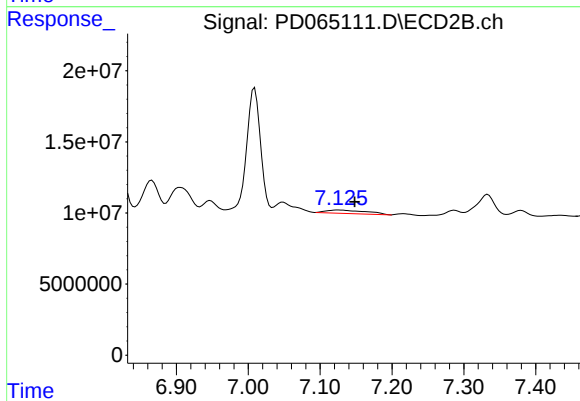
#16 4,4'-DDD

R.T.: 6.866 min  
Delta R.T.: 0.015 min  
Response: 25049649  
Conc: 4.26 ng/ml



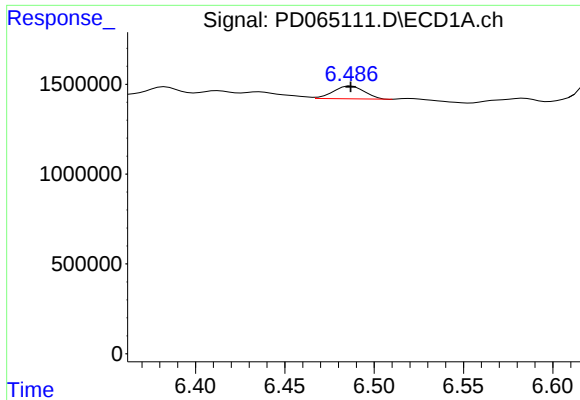
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T.: 6.409 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

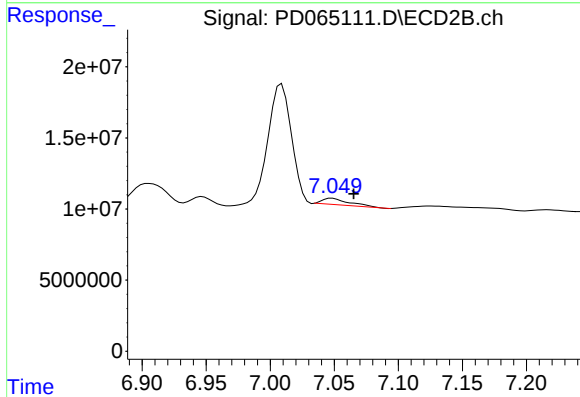
R.T.: 7.125 min  
Delta R.T.: -0.023 min  
Response: 9048841  
Conc: 1.51 ng/ml



#18 Endrin aldehyde

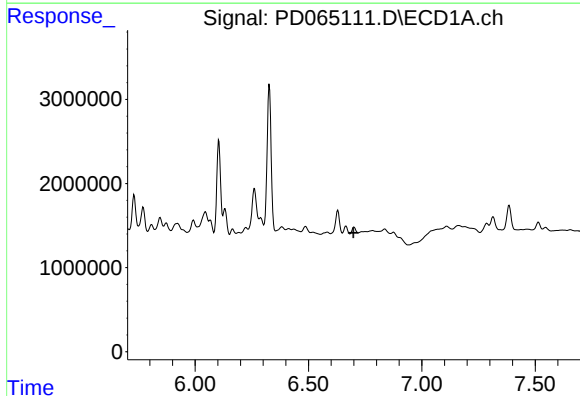
R.T.: 6.487 min  
Delta R.T.: 0.000 min  
Response: 870583  
Conc: 1.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



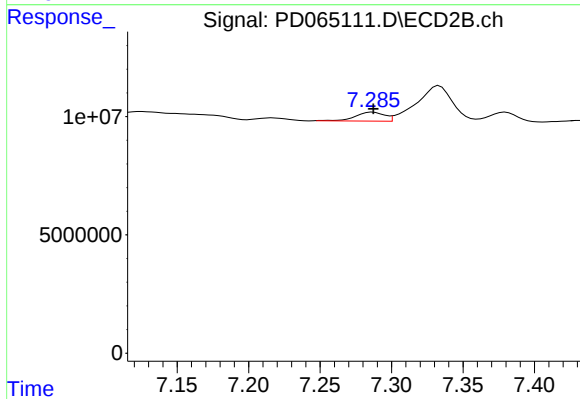
#18 Endrin aldehyde

R.T.: 7.048 min  
Delta R.T.: -0.017 min  
Response: 6645699  
Conc: 1.42 ng/ml



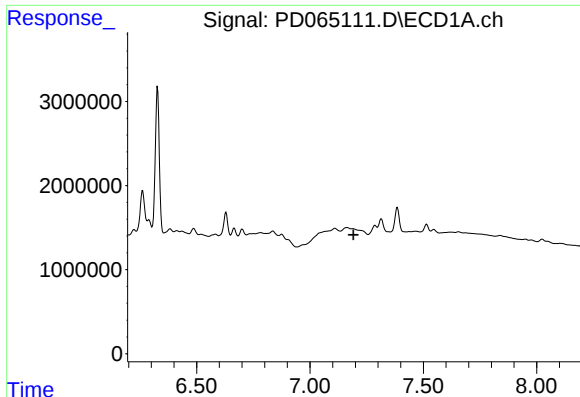
#19 Endosulfan Sulfate

R.T.: 6.701 min  
Delta R.T.: 0.002 min  
Response: -250436  
Conc: N.D.



#19 Endosulfan Sulfate

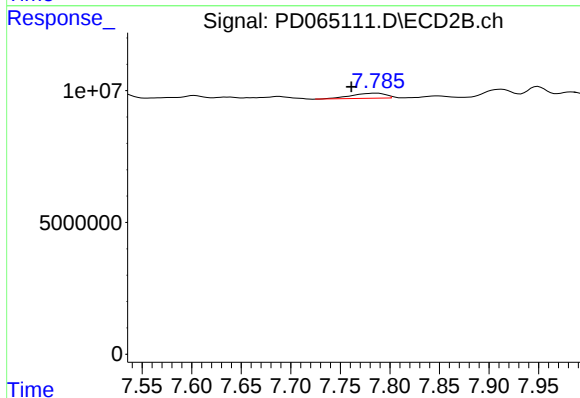
R.T.: 7.287 min  
Delta R.T.: 0.000 min  
Response: 5280502  
Conc: 0.92 ng/ml



#21 Endrin ketone

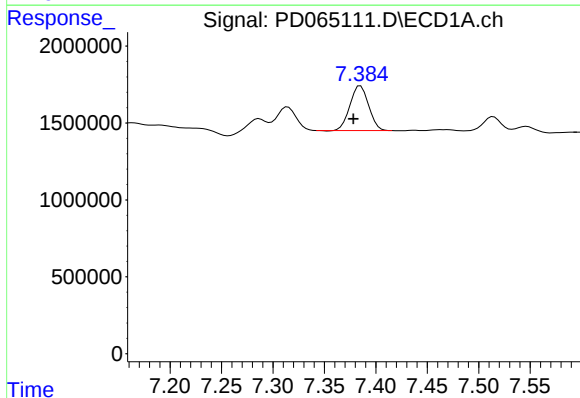
R.T.: 0.000 min  
Exp R.T.: 7.192 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



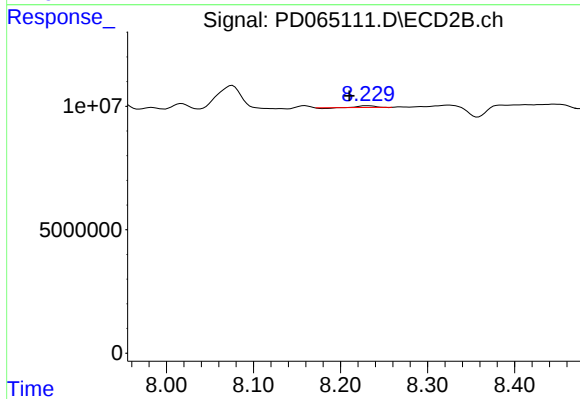
#21 Endrin ketone

R.T.: 7.787 min  
Delta R.T.: 0.025 min  
Response: 4671200  
Conc: 0.72 ng/ml



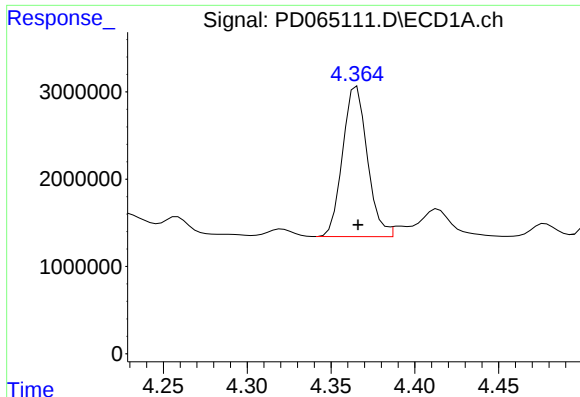
#22 Mirex

R.T.: 7.385 min  
Delta R.T.: 0.007 min  
Response: 3673421  
Conc: 3.60 ng/ml



#22 Mirex

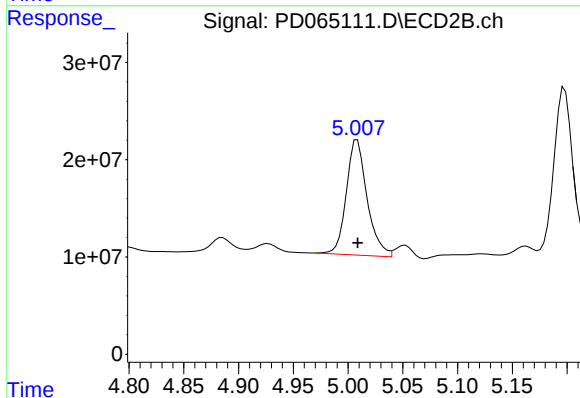
R.T.: 8.231 min  
Delta R.T.: 0.021 min  
Response: 595525  
Conc: 0.13 ng/ml



#23 Chlordane-1

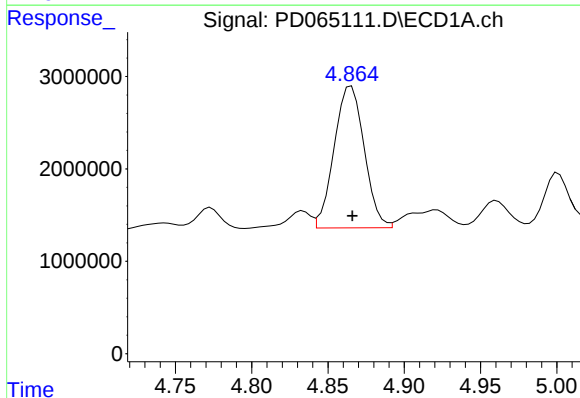
R.T.: 4.365 min  
Delta R.T.: 0.000 min  
Response: 17583706  
Conc: 464.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



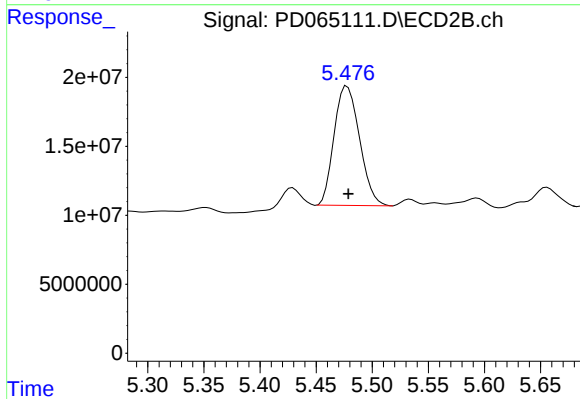
#23 Chlordane-1

R.T.: 5.008 min  
Delta R.T.: 0.000 min  
Response: 156924288  
Conc: 506.66 ng/ml



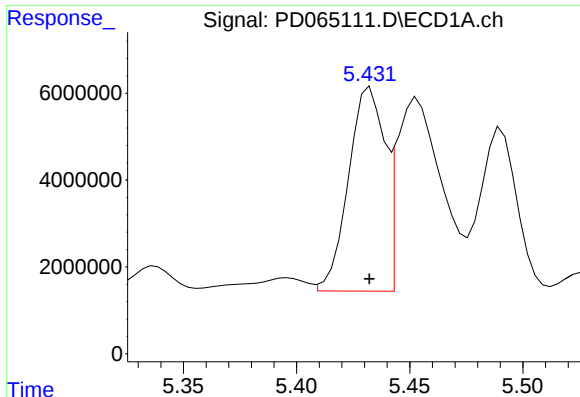
#24 Chlordane-2

R.T.: 4.865 min  
Delta R.T.: 0.000 min  
Response: 21028555  
Conc: 481.82 ng/ml



#24 Chlordane-2

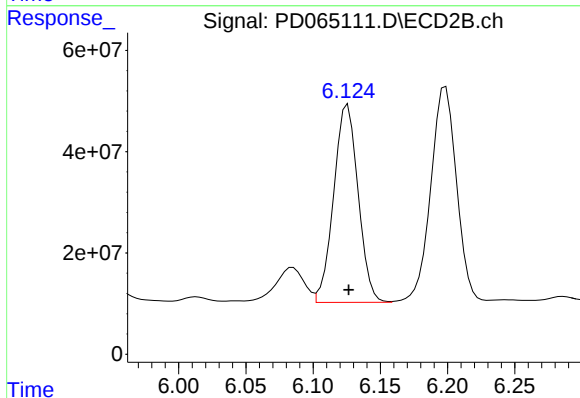
R.T.: 5.478 min  
Delta R.T.: -0.001 min  
Response: 136929492  
Conc: 437.72 ng/ml



#25 Chlordane-3

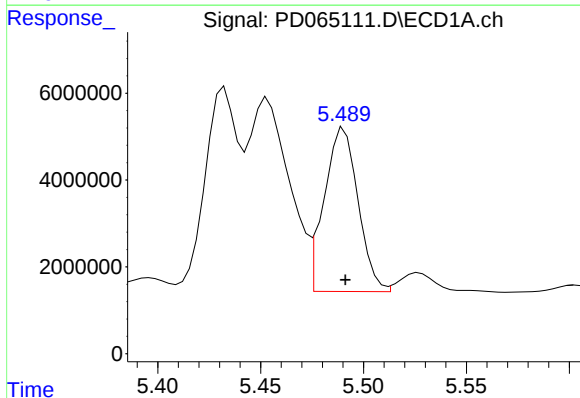
R.T.: 5.433 min  
Delta R.T.: 0.000 min  
Response: 52100534  
Conc: 472.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



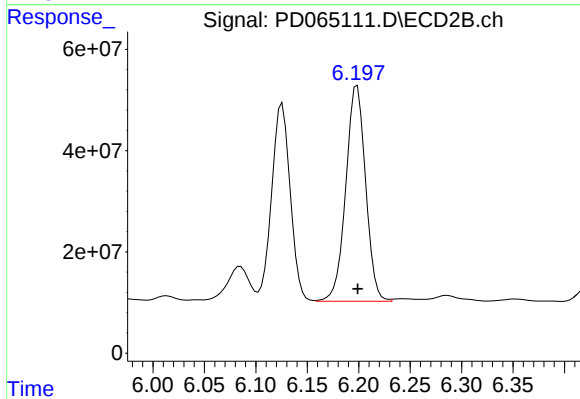
#25 Chlordane-3

R.T.: 6.126 min  
Delta R.T.: 0.000 min  
Response: 491953803  
Conc: 475.84 ng/ml



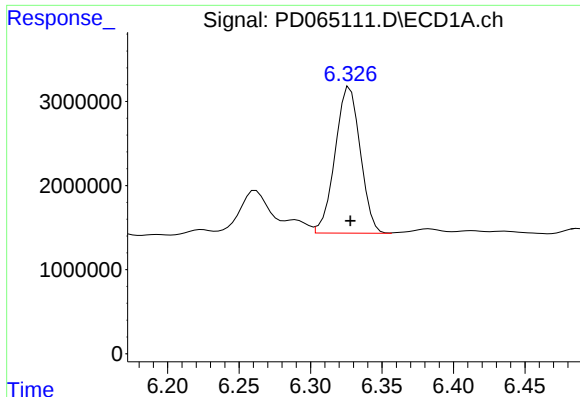
#26 Chlordane-4

R.T.: 5.491 min  
Delta R.T.: 0.000 min  
Response: 43166318  
Conc: 470.20 ng/ml



#26 Chlordane-4

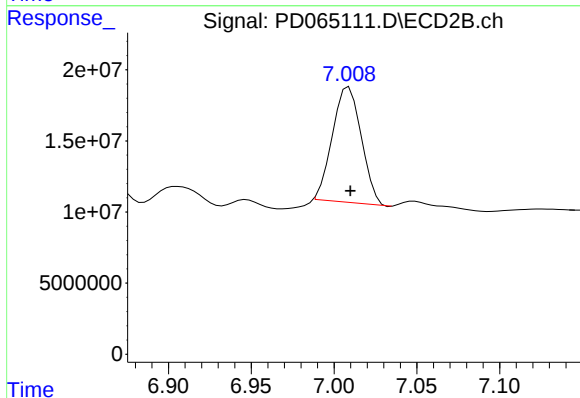
R.T.: 6.199 min  
Delta R.T.: 0.000 min  
Response: 571617320  
Conc: 475.43 ng/ml



#27 Chlordane-5

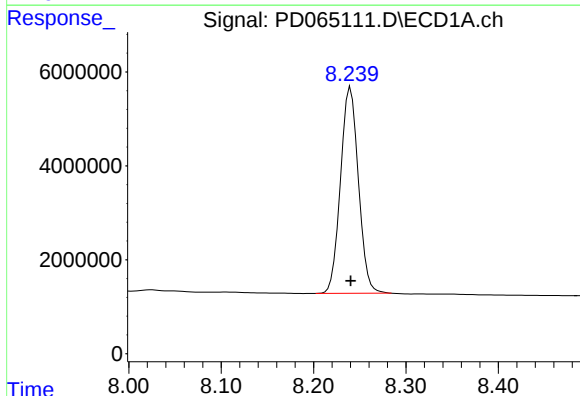
R.T.: 6.327 min  
Delta R.T.: 0.000 min  
Response: 21373179  
Conc: 475.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



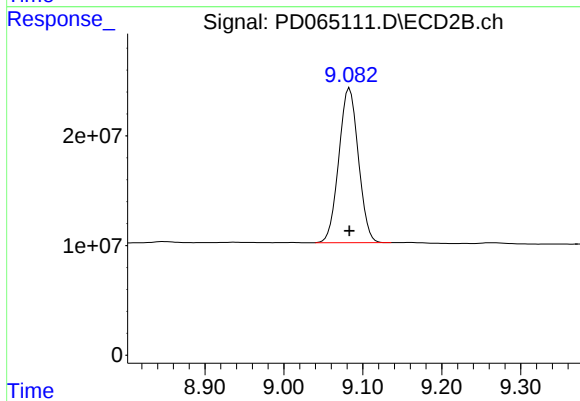
#27 Chlordane-5

R.T.: 7.009 min  
Delta R.T.: 0.000 min  
Response: 98273442  
Conc: 414.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.240 min  
Delta R.T.: 0.000 min  
Response: 59161879  
Conc: 52.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.083 min  
Delta R.T.: 0.000 min  
Response: 242346688  
Conc: 51.21 ng/ml