

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD040922\  
 Data File : PD069038.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Apr 2022 18:46  
 Operator : AR\AJ  
 Sample : N2284-04  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 08 23:24:39 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031222.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 14 03:30:32 2022  
 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... | 3.444  | 4.175  | 83688012 | 223.4E6  | 68.926   | 23.367 #  |
| 28)                         | SA Decachlor... | 8.204  | 9.377  | 7005682  | 53710114 | 5.545    | 9.478 #   |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.915f | 4.554f | 276.6E6  | 1547.1E6 | 152.782  | 112.415 # |
| 4)                          | MA Heptachlor   | 4.480  | 5.405f | 7170994  | 28298998 | 4.353    | 2.381 #   |
| 6)                          | B beta-BHC      | 4.429  | 0.000  | 5572145  | 0        | 7.484    | N.D. #    |
| 7)                          | B delta-BHC     | 4.616  | 5.225f | 1501438  | 40015724 | 0.919    | 3.328 #   |
| 8)                          | B Heptachlo...  | 5.168  | 6.107f | 10742401 | 669.9E6  | 7.183    | 64.145 #  |
| 9)                          | A Endosulfan I  | 5.492  | 0.000  | 6734136  | 0        | 4.813    | N.D. #    |
| 10)                         | B gamma-Chl...  | 5.406f | 6.302f | 18727191 | 123.2E6  | 12.345   | 11.948    |
| 11)                         | B alpha-Chl...  | 5.442  | 6.420f | 152.6E6  | 379.3E6  | 102.101  | 38.100 #  |
| 12)                         | B 4,4'-DDE      | 5.616  | 0.000  | 15334143 | 0        | 11.209   | N.D. #    |
| 13)                         | MA Dieldrin     | 5.765f | 0.000  | 2590123  | 0        | 1.774    | N.D. #    |
| 15)                         | B Endosulfa...  | 6.290  | 7.112f | 10715475 | 35087184 | 8.597    | 4.642 #   |
| 16)                         | A 4,4'-DDD      | 6.135  | 7.035  | 13380544 | 25519617 | 11.347   | 3.455 #   |
| 17)                         | MA 4,4'-DDT     | 6.384  | 7.372f | 1036722  | 799.9E6  | 0.863    | 108.877 # |
| 18)                         | B Endrin al...  | 6.446  | 7.256  | 26806665 | 27261218 | 27.002   | 4.505 #   |
| 19)                         | B Endosulfa...  | 6.661  | 7.460f | 4445567  | 9489382  | 3.476    | 1.290 #   |
| 20)                         | A Methoxychlor  | 6.930  | 7.789  | 3004292  | 32793108 | 4.335    | 8.996 #   |
| 21)                         | B Endrin ke...  | 7.149  | 7.980f | 7182536  | 17957306 | 4.879    | 2.317 #   |
| 22)                         | Mirex           | 7.357f | 8.420  | 3980448  | -5740555 | 3.359    | N.D. #    |
| 23)                         | Chlordane-1     | 4.327  | 5.211  | 2830403  | 25155300 | 66.698   | 63.760    |
| 24)                         | Chlordane-2     | 4.804f | 5.658  | 8746382  | 97523773 | 174.283  | 255.105 # |
| 25)                         | Chlordane-3     | 5.406f | 6.302f | 18727191 | 123.2E6  | 134.310  | 91.659 #  |
| 26)                         | Chlordane-4     | 5.442  | 6.420f | 152.6E6  | 379.3E6  | 1289.435 | 244.006 # |
| 27)                         | Chlordane-5     | 6.290  | 7.234f | 10715475 | 58736737 | 214.483  | 201.299   |
| -----                       |                 |        |        |          |          |          |           |

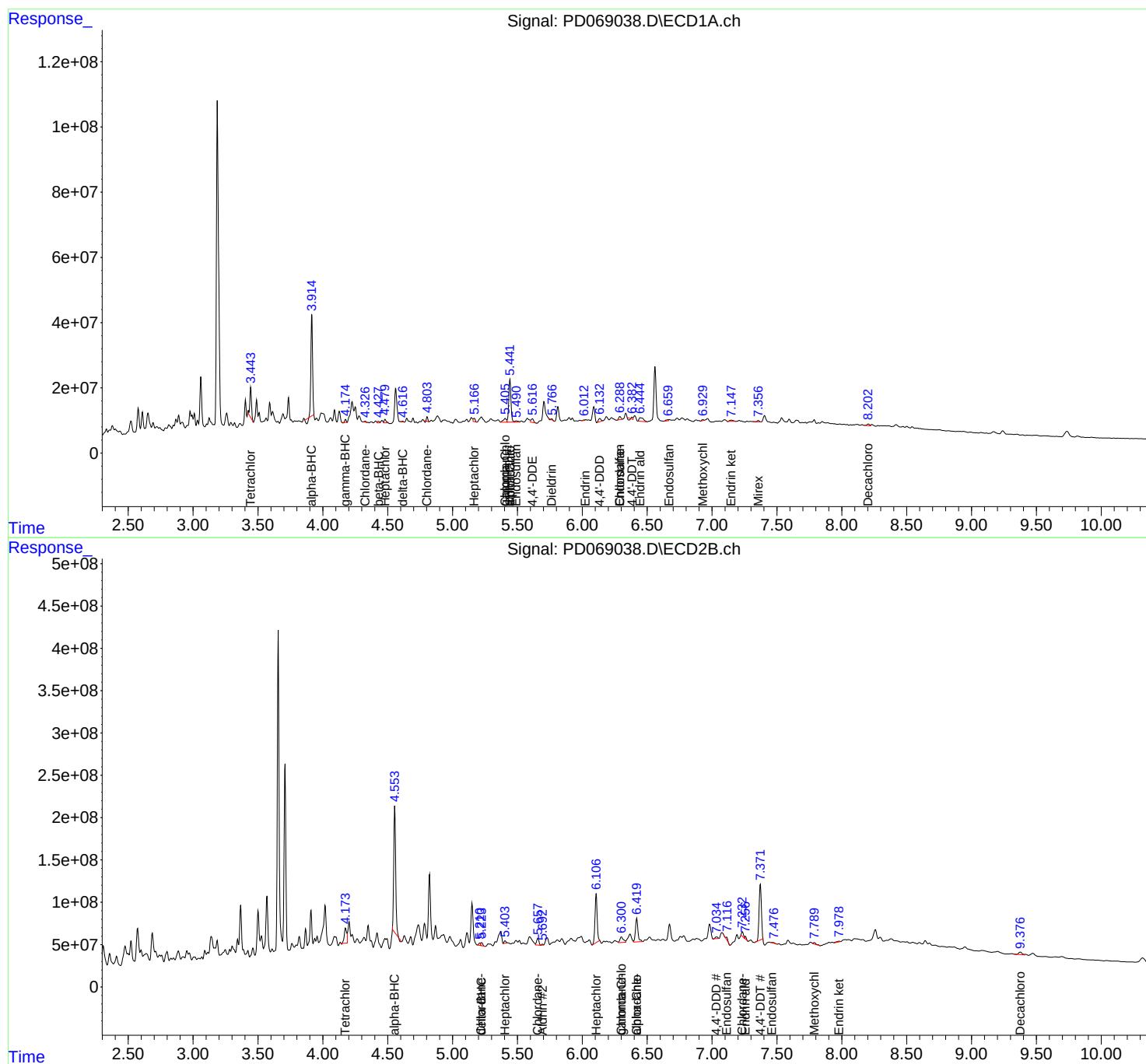
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

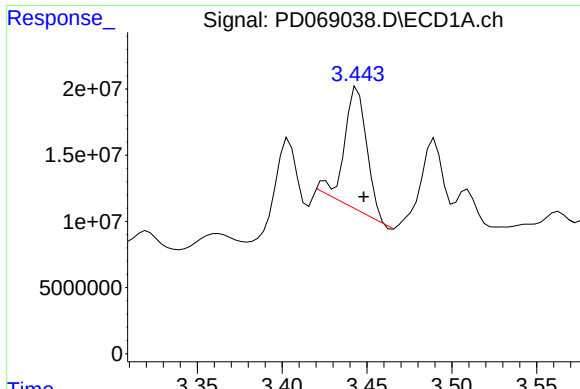
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD040922\  
Data File : PD069038.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Apr 2022 18:46  
Operator : AR\AJ  
Sample : N2284-04  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 08 23:24:39 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031222.M  
Quant Title : GC Extractables  
QLast Update : Mon Mar 14 03:30:32 2022  
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

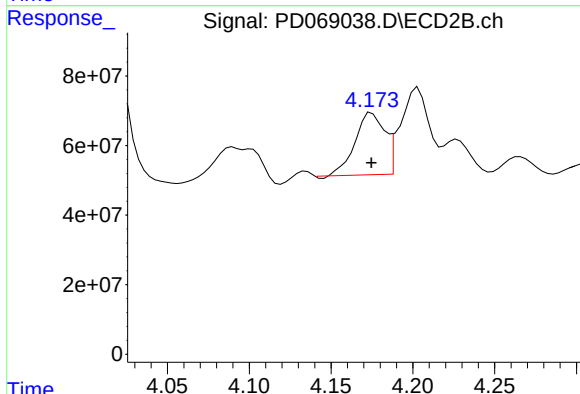




#1 Tetrachloro-m-xylene

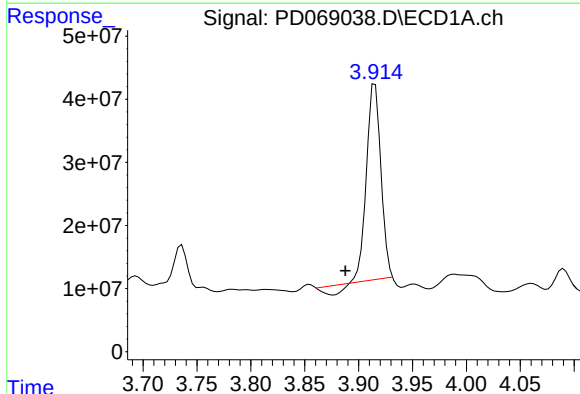
R.T.: 3.444 min  
Delta R.T.: -0.004 min  
Response: 83688012  
Conc: 68.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



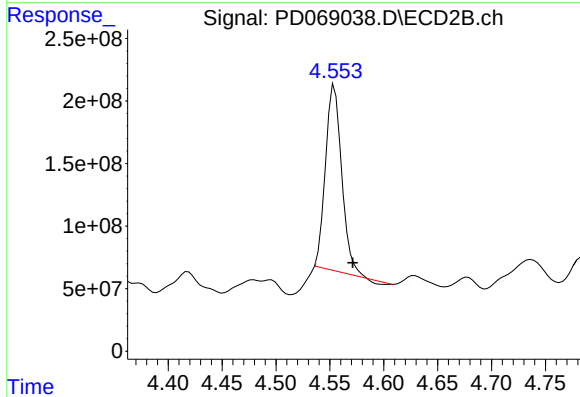
#1 Tetrachloro-m-xylene

R.T.: 4.175 min  
Delta R.T.: 0.000 min  
Response: 223403193  
Conc: 23.37 ng/ml



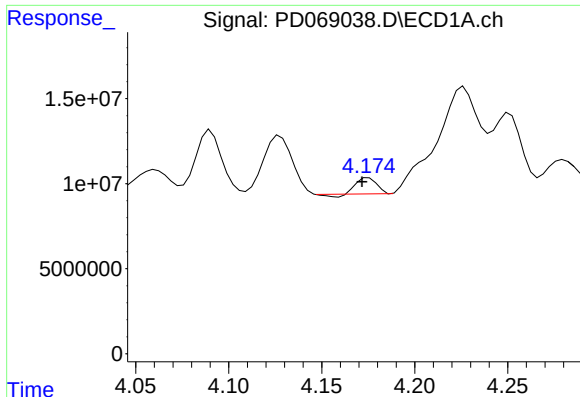
#2 alpha-BHC

R.T.: 3.915 min  
Delta R.T.: 0.028 min  
Response: 276624335  
Conc: 152.78 ng/ml



#2 alpha-BHC

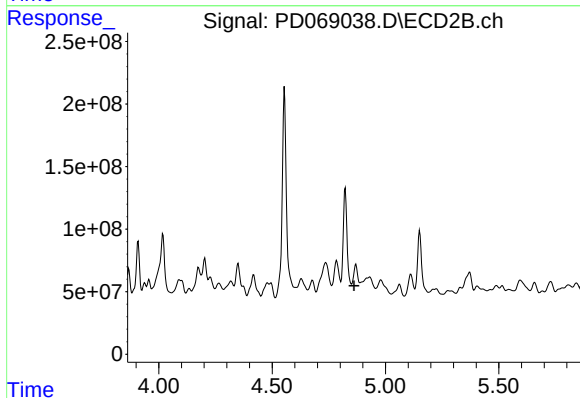
R.T.: 4.554 min  
Delta R.T.: -0.017 min  
Response: 1547145254  
Conc: 112.41 ng/ml



#3 gamma-BHC (Lindane)

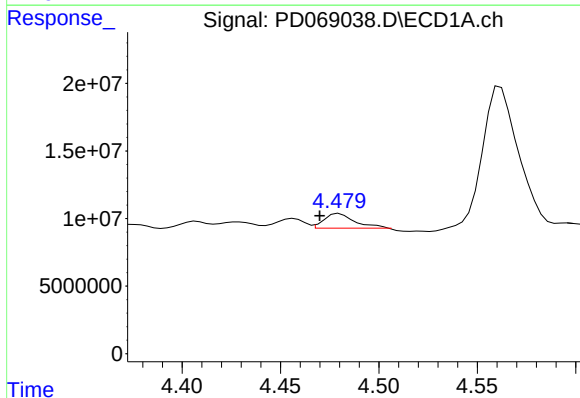
R.T.: 4.175 min  
Delta R.T.: 0.004 min  
Response: 6750173  
Conc: 4.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



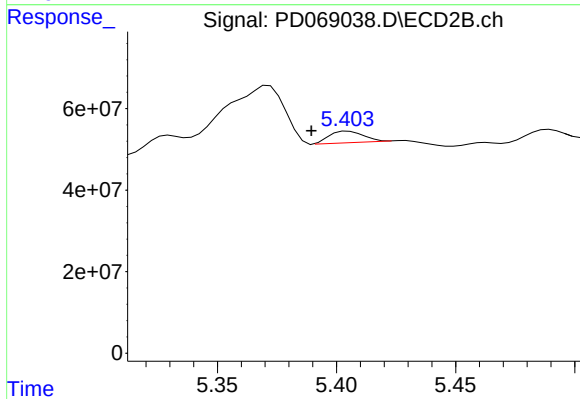
#3 gamma-BHC (Lindane)

R.T.: 4.870 min  
Delta R.T.: 0.008 min  
Response: -7965535  
Conc: N.D.



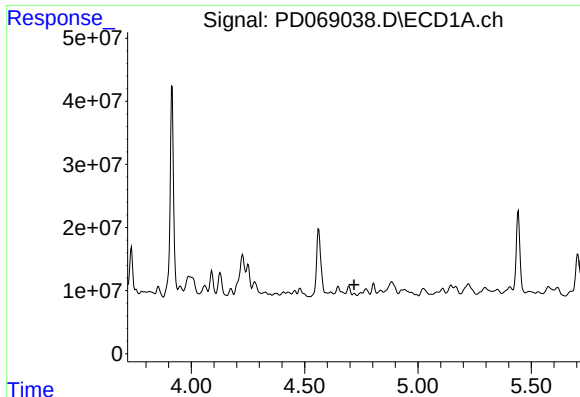
#4 Heptachlor

R.T.: 4.480 min  
Delta R.T.: 0.010 min  
Response: 7170994  
Conc: 4.35 ng/ml



#4 Heptachlor

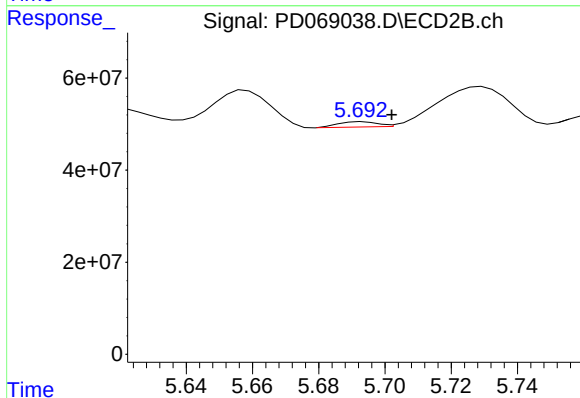
R.T.: 5.405 min  
Delta R.T.: 0.016 min  
Response: 28298998  
Conc: 2.38 ng/ml



#5 Aldrin

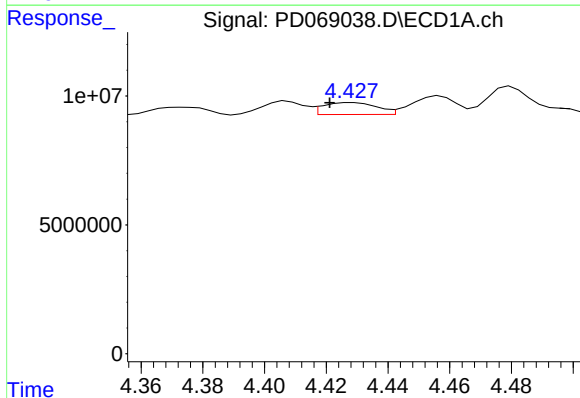
R.T.: 4.720 min  
Delta R.T.: 0.002 min  
Response: -4304341  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



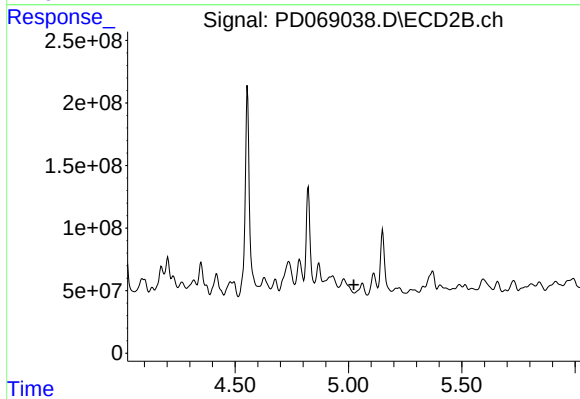
#5 Aldrin

R.T.: 5.693 min  
Delta R.T.: -0.009 min  
Response: 9215153  
Conc: 0.80 ng/ml



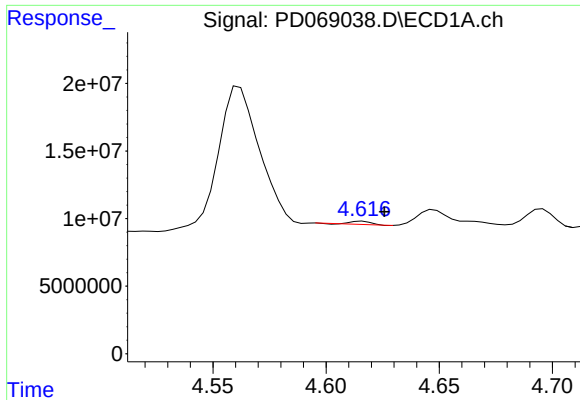
#6 beta-BHC

R.T.: 4.429 min  
Delta R.T.: 0.008 min  
Response: 5572145  
Conc: 7.48 ng/ml



#6 beta-BHC

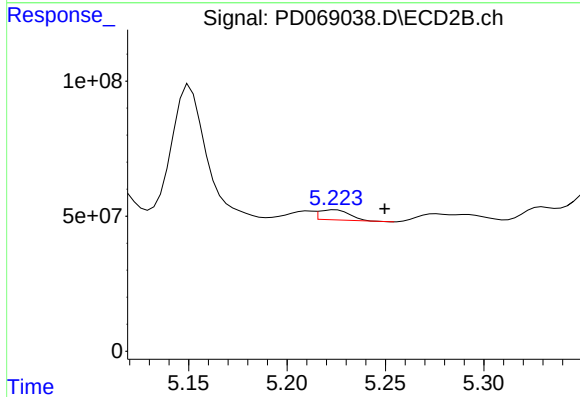
R.T.: 0.000 min  
Exp R.T.: 5.024 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

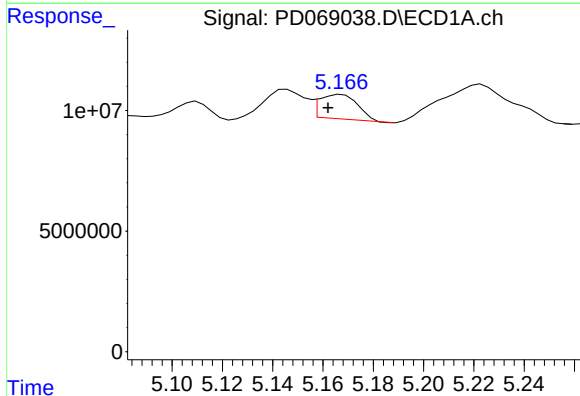
R.T.: 4.616 min  
Delta R.T.: -0.009 min  
Response: 1501438  
Conc: 0.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



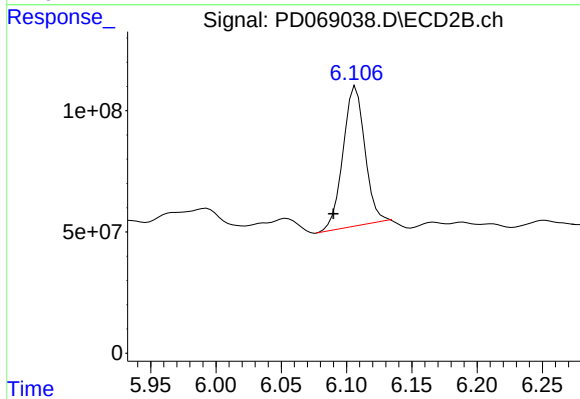
#7 delta-BHC

R.T.: 5.225 min  
Delta R.T.: -0.025 min  
Response: 40015724  
Conc: 3.33 ng/ml



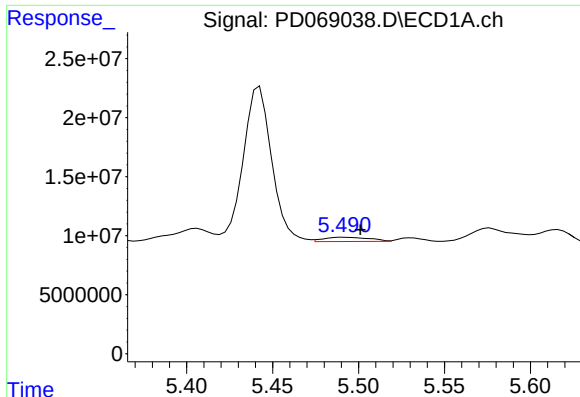
#8 Heptachlor epoxide

R.T.: 5.168 min  
Delta R.T.: 0.006 min  
Response: 10742401  
Conc: 7.18 ng/ml



#8 Heptachlor epoxide

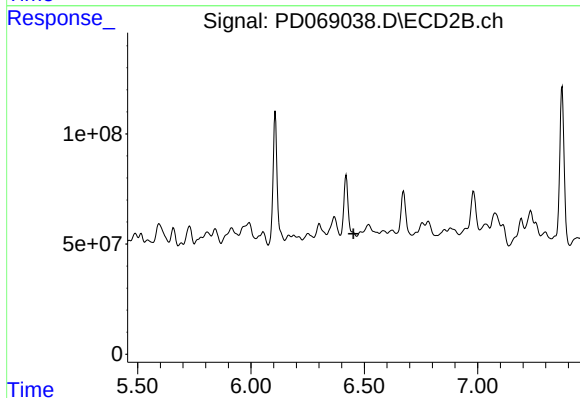
R.T.: 6.107 min  
Delta R.T.: 0.017 min  
Response: 669850588  
Conc: 64.14 ng/ml



#9 Endosulfan I

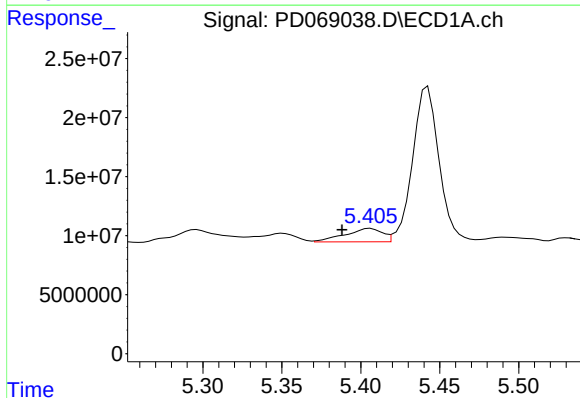
R.T.: 5.492 min  
Delta R.T.: -0.009 min  
Response: 6734136  
Conc: 4.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



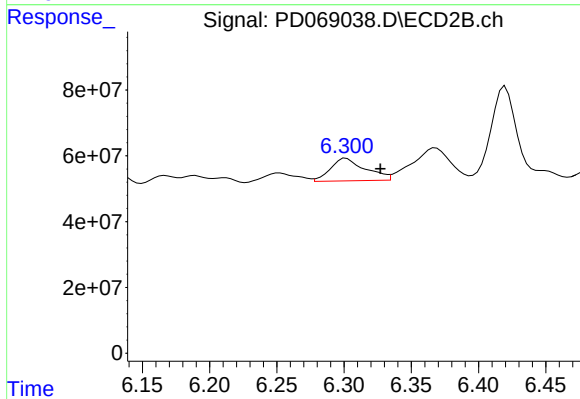
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 6.453 min  
Response: 0  
Conc: N.D.



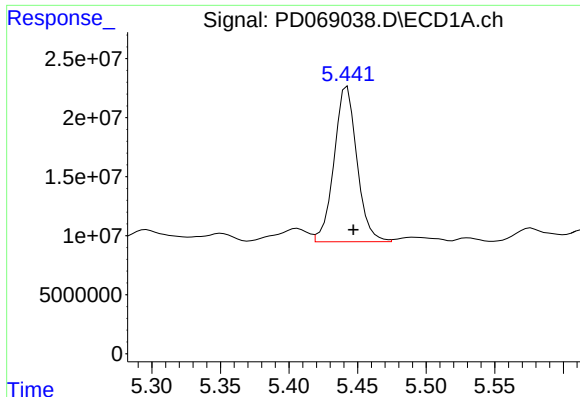
#10 gamma-Chlordane

R.T.: 5.406 min  
Delta R.T.: 0.018 min  
Response: 18727191  
Conc: 12.35 ng/ml



#10 gamma-Chlordane

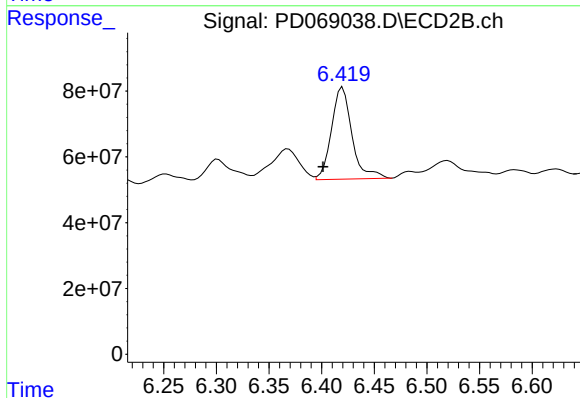
R.T.: 6.302 min  
Delta R.T.: -0.025 min  
Response: 123151671  
Conc: 11.95 ng/ml



#11 alpha-Chlordane

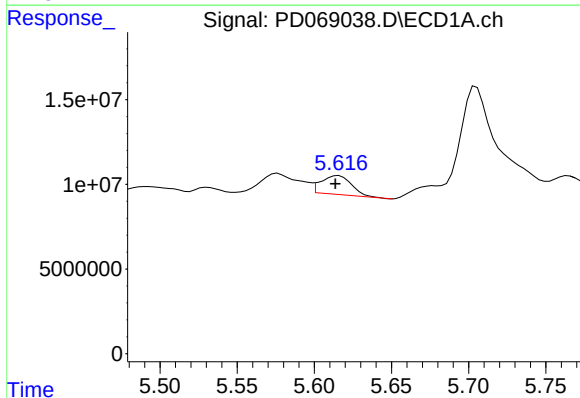
R.T.: 5.442 min  
Delta R.T.: -0.005 min  
Response: 152605647  
Conc: 102.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



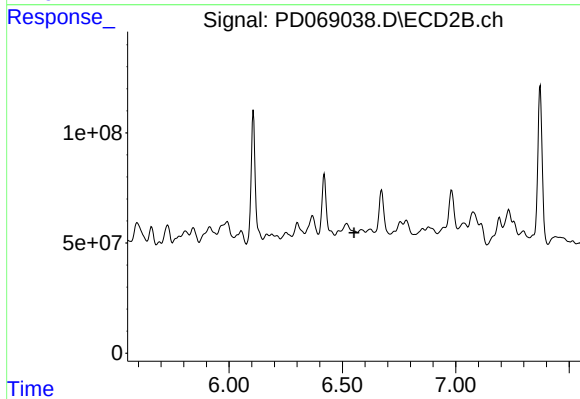
#11 alpha-Chlordane

R.T.: 6.420 min  
Delta R.T.: 0.019 min  
Response: 379329188  
Conc: 38.10 ng/ml



#12 4,4'-DDE

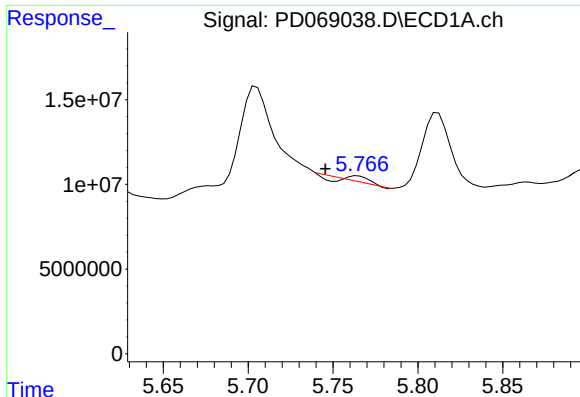
R.T.: 5.616 min  
Delta R.T.: 0.002 min  
Response: 15334143  
Conc: 11.21 ng/ml



#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 6.551 min  
Response: 0  
Conc: N.D.

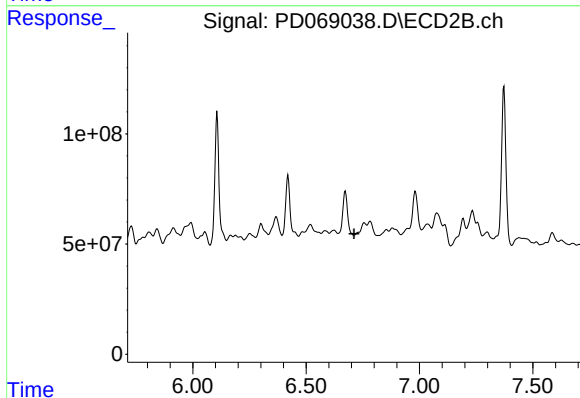




#13 Dieldrin

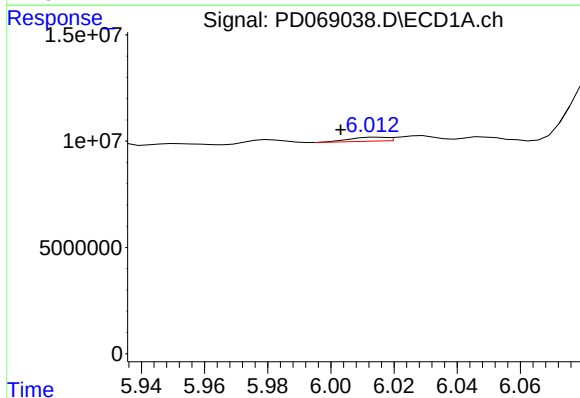
R.T.: 5.765 min  
Delta R.T.: 0.019 min  
Response: 2590123  
Conc: 1.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



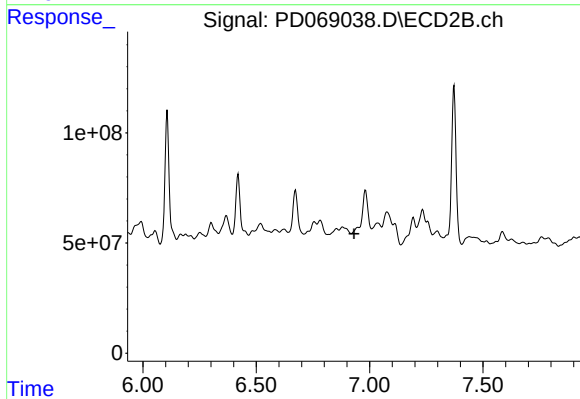
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 6.711 min  
Response: 0  
Conc: N.D.



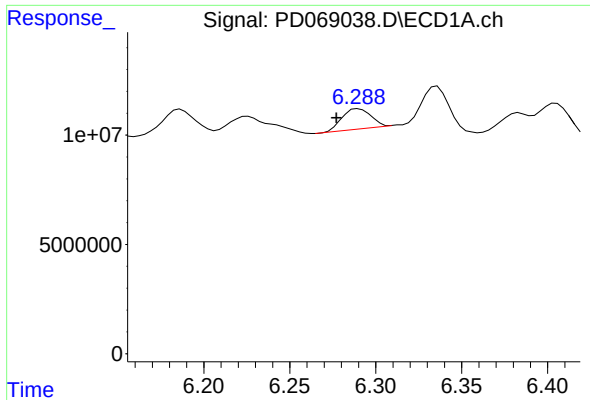
#14 Endrin

R.T.: 6.015 min  
Delta R.T.: 0.012 min  
Response: 1475704  
Conc: 1.12 ng/ml



#14 Endrin

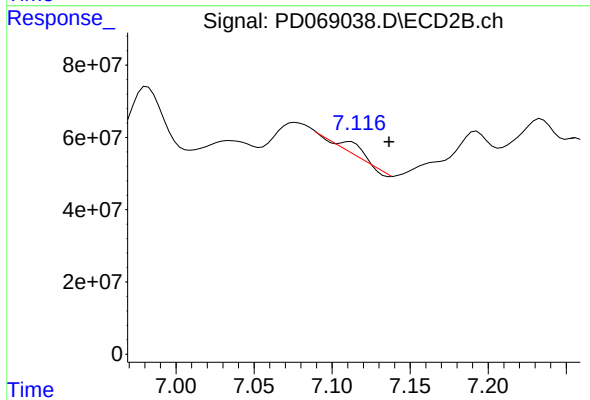
R.T.: 6.949 min  
Delta R.T.: 0.017 min  
Response: -28509706  
Conc: N.D.



#15 Endosulfan II

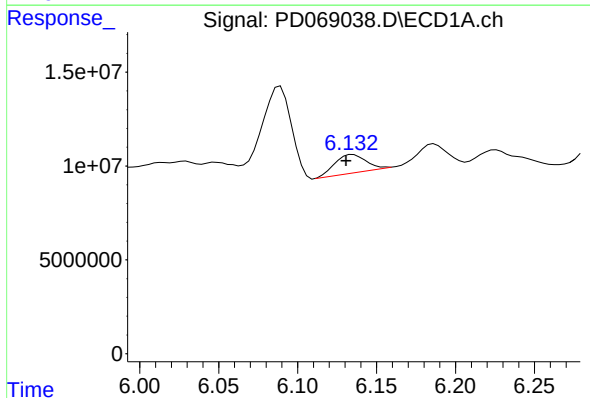
R.T.: 6.290 min  
Delta R.T.: 0.013 min  
Response: 10715475  
Conc: 8.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



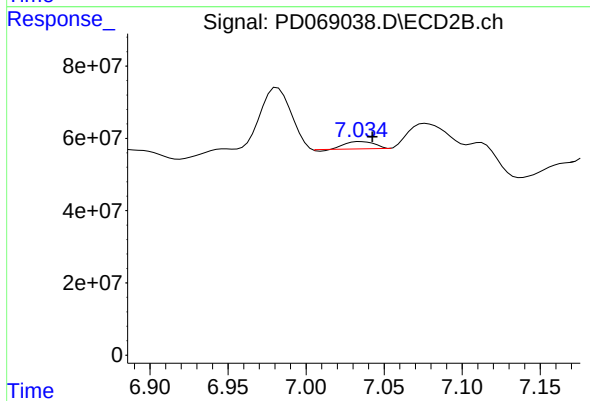
#15 Endosulfan II

R.T.: 7.112 min  
Delta R.T.: -0.025 min  
Response: 35087184  
Conc: 4.64 ng/ml



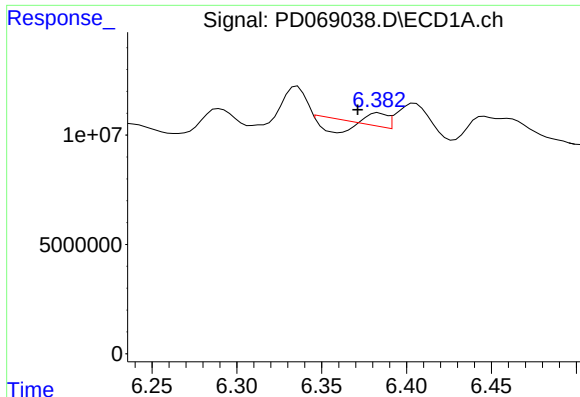
#16 4,4'-DDD

R.T.: 6.135 min  
Delta R.T.: 0.004 min  
Response: 13380544  
Conc: 11.35 ng/ml



#16 4,4'-DDD

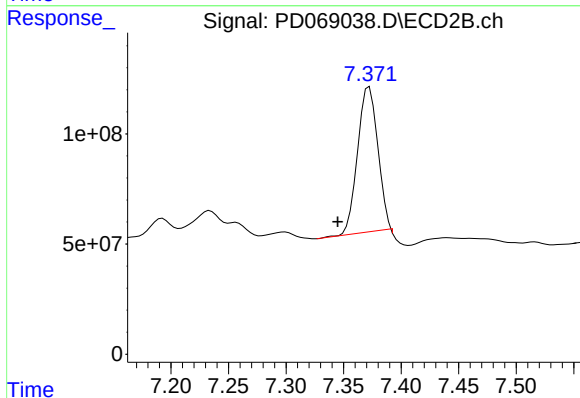
R.T.: 7.035 min  
Delta R.T.: -0.007 min  
Response: 25519617  
Conc: 3.46 ng/ml



#17 4,4'-DDT

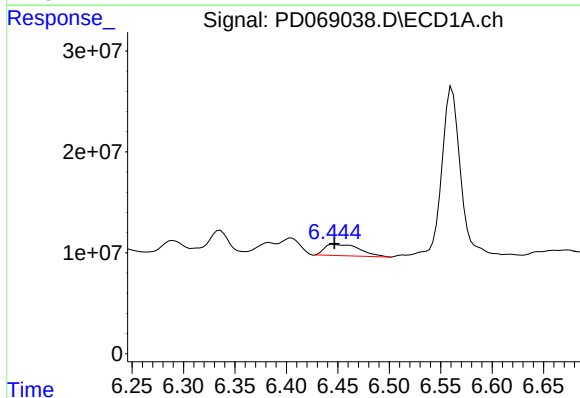
R.T.: 6.384 min  
Delta R.T.: 0.012 min  
Response: 1036722  
Conc: 0.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



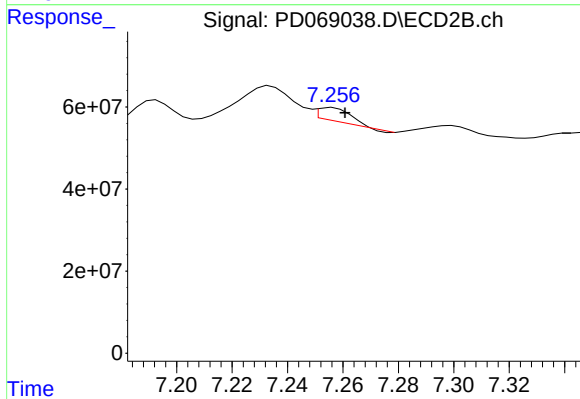
#17 4,4'-DDT

R.T.: 7.372 min  
Delta R.T.: 0.027 min  
Response: 799892280  
Conc: 108.88 ng/ml



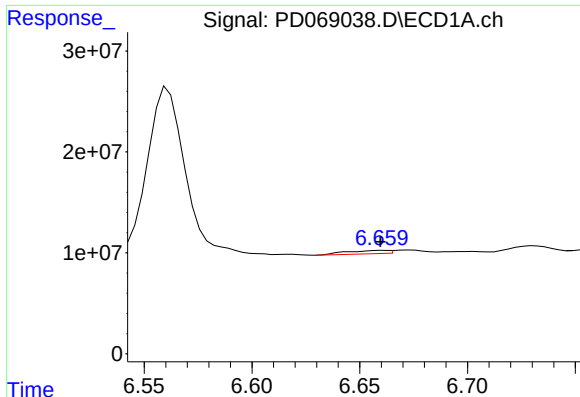
#18 Endrin aldehyde

R.T.: 6.446 min  
Delta R.T.: 0.000 min  
Response: 26806665  
Conc: 27.00 ng/ml



#18 Endrin aldehyde

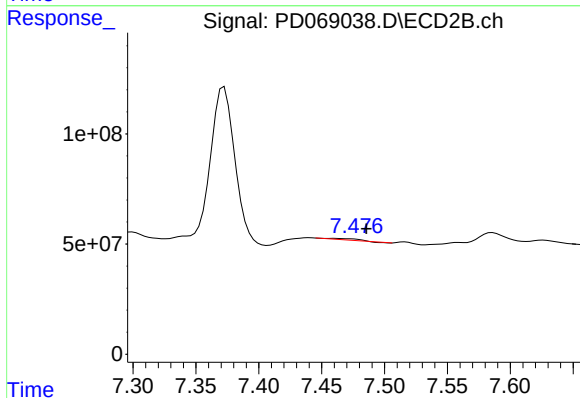
R.T.: 7.256 min  
Delta R.T.: -0.005 min  
Response: 27261218  
Conc: 4.50 ng/ml



#19 Endosulfan Sulfate

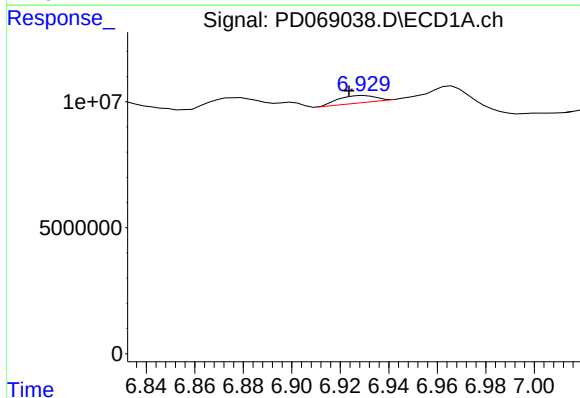
R.T.: 6.661 min  
Delta R.T.: 0.002 min  
Response: 4445567  
Conc: 3.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



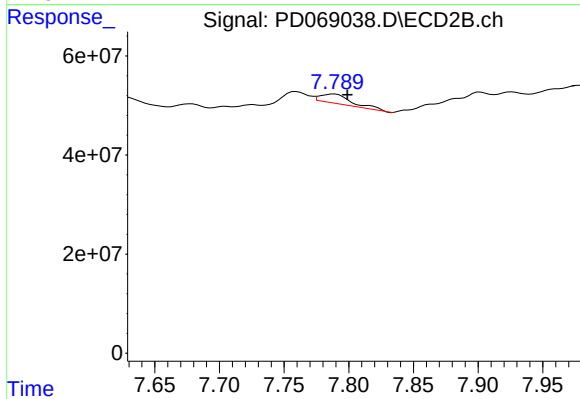
#19 Endosulfan Sulfate

R.T.: 7.460 min  
Delta R.T.: -0.026 min  
Response: 9489382  
Conc: 1.29 ng/ml



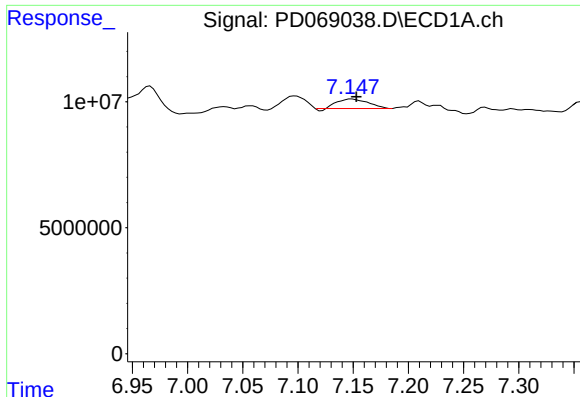
#20 Methoxychlor

R.T.: 6.930 min  
Delta R.T.: 0.006 min  
Response: 3004292  
Conc: 4.34 ng/ml



#20 Methoxychlor

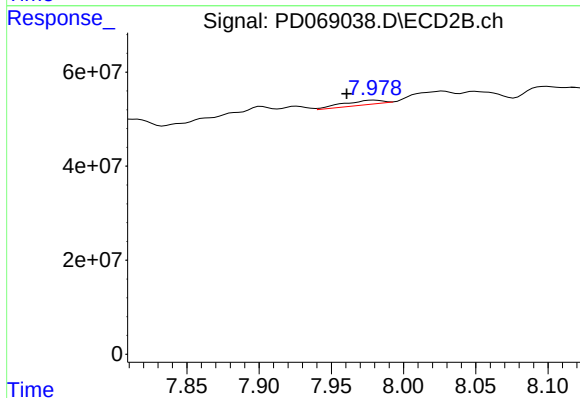
R.T.: 7.789 min  
Delta R.T.: -0.010 min  
Response: 32793108  
Conc: 9.00 ng/ml



#21 Endrin ketone

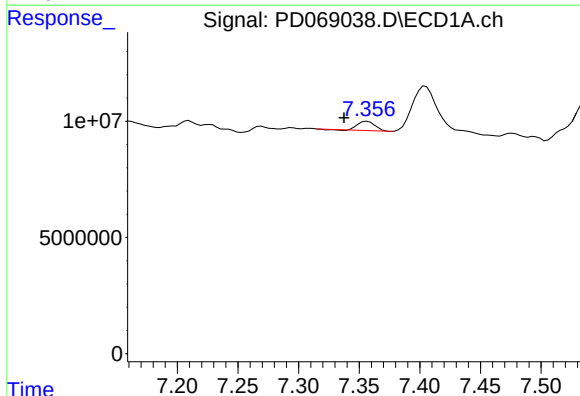
R.T.: 7.149 min  
Delta R.T.: -0.004 min  
Response: 7182536  
Conc: 4.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



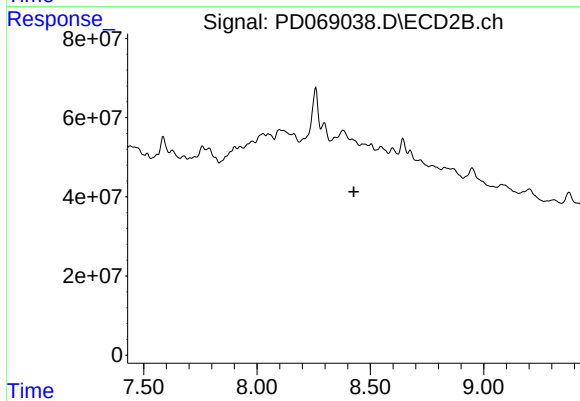
#21 Endrin ketone

R.T.: 7.980 min  
Delta R.T.: 0.019 min  
Response: 17957306  
Conc: 2.32 ng/ml



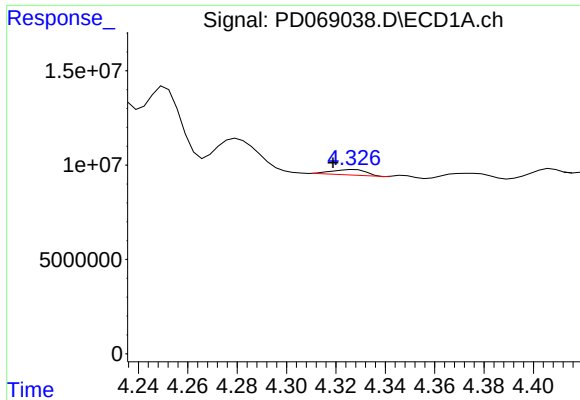
#22 Mirex

R.T.: 7.357 min  
Delta R.T.: 0.019 min  
Response: 3980448  
Conc: 3.36 ng/ml



#22 Mirex

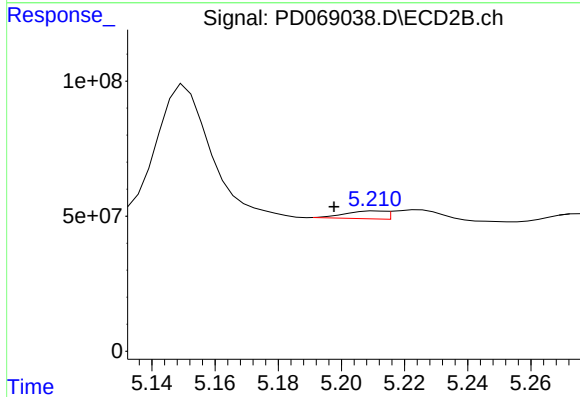
R.T.: 8.420 min  
Delta R.T.: -0.008 min  
Response: -5740555  
Conc: N.D.



#23 Chlordane-1

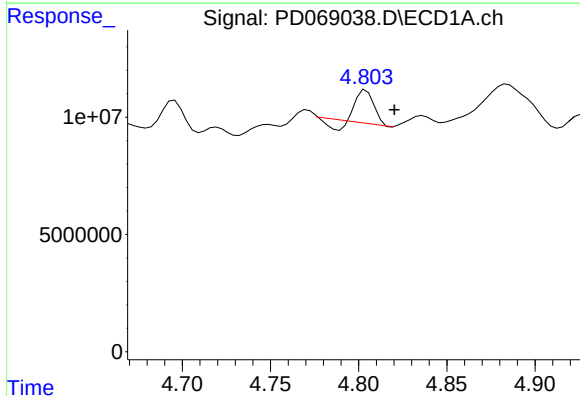
R.T.: 4.327 min  
Delta R.T.: 0.009 min  
Response: 2830403  
Conc: 66.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



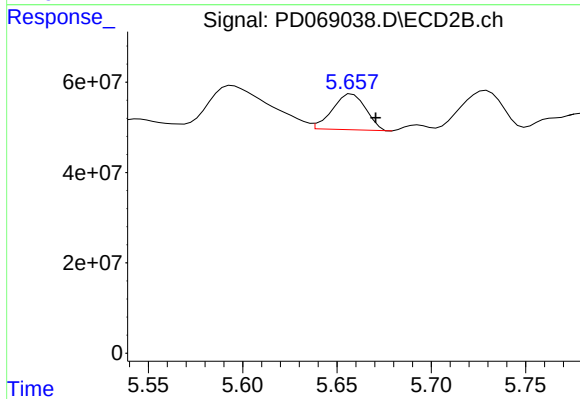
#23 Chlordane-1

R.T.: 5.211 min  
Delta R.T.: 0.014 min  
Response: 25155300  
Conc: 63.76 ng/ml



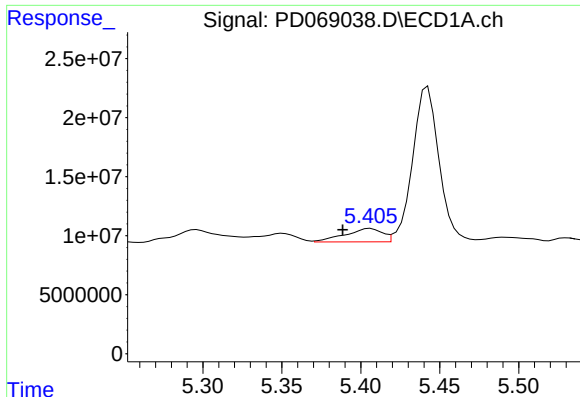
#24 Chlordane-2

R.T.: 4.804 min  
Delta R.T.: -0.016 min  
Response: 8746382  
Conc: 174.28 ng/ml



#24 Chlordane-2

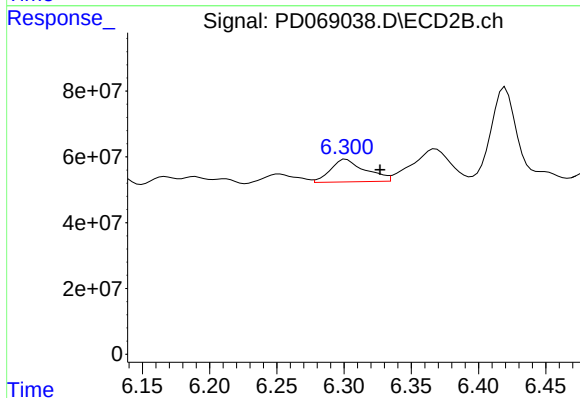
R.T.: 5.658 min  
Delta R.T.: -0.013 min  
Response: 97523773  
Conc: 255.11 ng/ml



#25 Chlordane-3

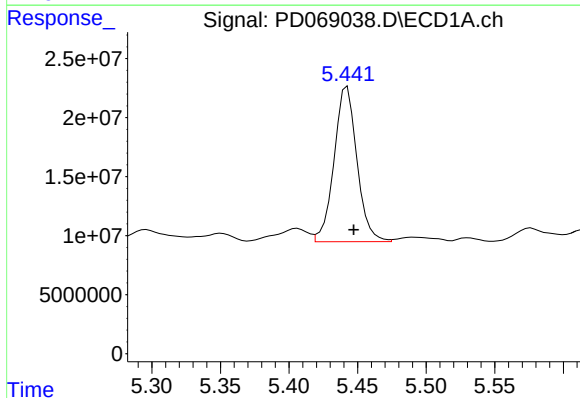
R.T.: 5.406 min  
Delta R.T.: 0.018 min  
Response: 18727191  
Conc: 134.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



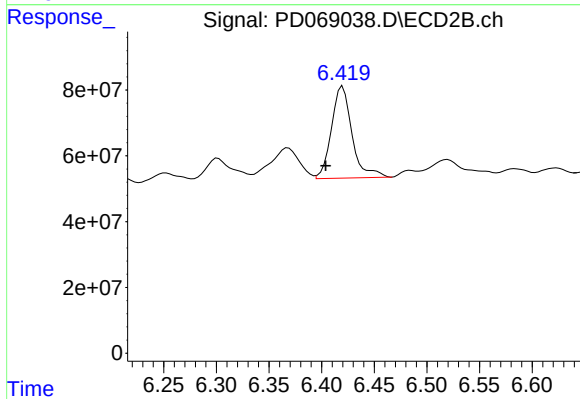
#25 Chlordane-3

R.T.: 6.302 min  
Delta R.T.: -0.025 min  
Response: 123151671  
Conc: 91.66 ng/ml



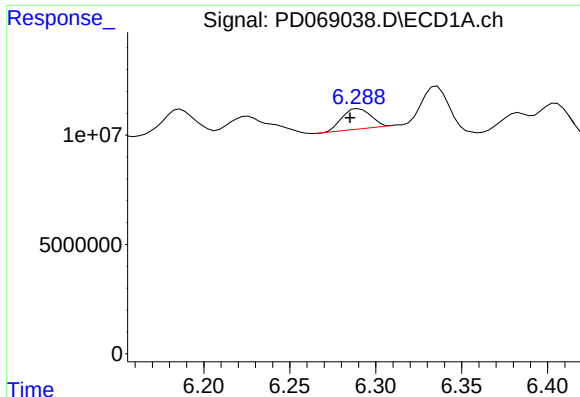
#26 Chlordane-4

R.T.: 5.442 min  
Delta R.T.: -0.005 min  
Response: 152605647  
Conc: 1289.44 ng/ml



#26 Chlordane-4

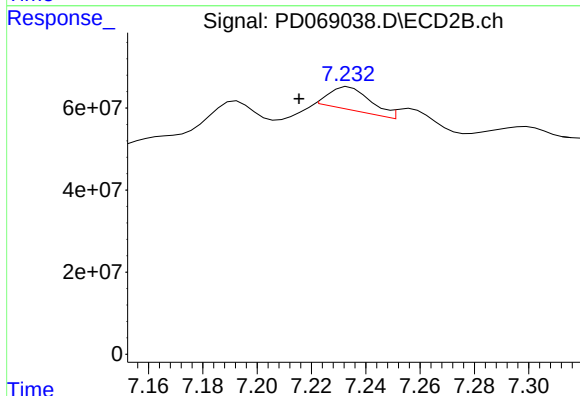
R.T.: 6.420 min  
Delta R.T.: 0.016 min  
Response: 379329188  
Conc: 244.01 ng/ml



#27 Chlordane-5

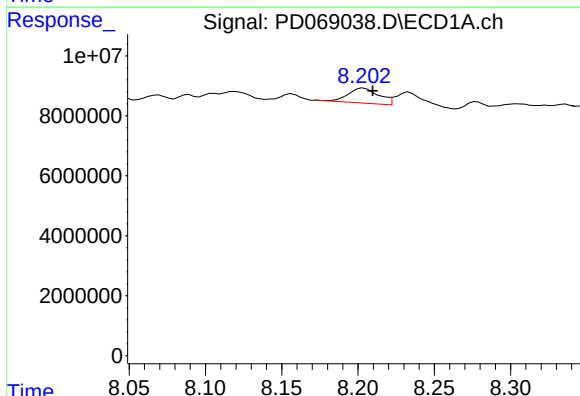
R.T.: 6.290 min  
Delta R.T.: 0.005 min  
Response: 10715475  
Conc: 214.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



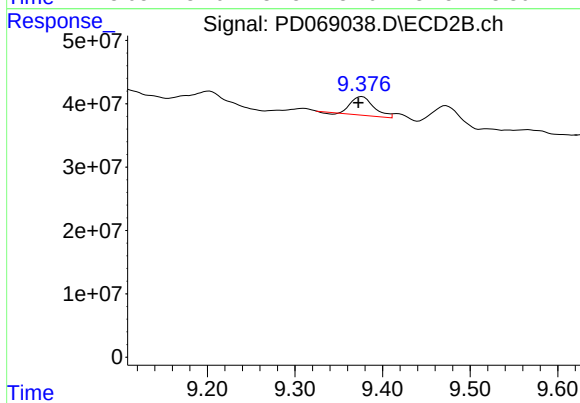
#27 Chlordane-5

R.T.: 7.234 min  
Delta R.T.: 0.018 min  
Response: 58736737  
Conc: 201.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.204 min  
Delta R.T.: -0.006 min  
Response: 7005682  
Conc: 5.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.377 min  
Delta R.T.: 0.004 min  
Response: 53710114  
Conc: 9.48 ng/ml