

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD120623\  
 Data File : PD079985.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Dec 2023 20:32  
 Operator : AR\AJ  
 Sample : 05629-01  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 VNJ-216

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 06 21:51:34 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD120623.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Dec 06 14:11:45 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1   | RT#2   | Resp#1    | Resp#2   | ng/ml  | ng/ml     |
|-----------------------------|-----------------|--------|--------|-----------|----------|--------|-----------|
| -----                       |                 |        |        |           |          |        |           |
| System Monitoring Compounds |                 |        |        |           |          |        |           |
| 1)                          | SA Tetrachlo... | 3.567  | 2.800  | 13173094  | 33937057 | 8.740  | 13.500 #  |
| 2)                          | SA Decachlor... | 9.113  | 7.943  | 20430692  | 37227405 | 10.093 | 13.206 #  |
| Target Compounds            |                 |        |        |           |          |        |           |
| 2)                          | A alpha-BHC     | 4.015  | 3.310  | 896304    | 5514335  | 0.357  | 1.442 #   |
| 3)                          | MA gamma-BHC... | 4.331f | 3.638  | -43208667 | 83129292 | N.D.   | 22.875    |
| 4)                          | MA Heptachlor   | 4.976f | 3.956f | 3370344   | 6412168  | 1.370  | 1.829 #   |
| 5)                          | MB Aldrin       | 5.285  | 4.236f | 3192279   | 16476600 | 1.344  | 4.628 #   |
| 6)                          | B beta-BHC      | 4.573f | 3.921  | 749036    | 836983   | 0.748  | 0.542 #   |
| 7)                          | B delta-BHC     | 4.820f | 4.166  | 3600071   | 9138107  | 1.470  | 2.427 #   |
| 8)                          | B Heptachlo...  | 5.721  | 4.756  | 898380    | 5269418  | 0.408  | 1.607 #   |
| 9)                          | A Endosulfan I  | 6.090f | 5.117  | 6678684   | 346226   | 3.248  | 0.115 #   |
| 10)                         | B gamma-Chl...  | 5.942f | 0.000  | 29214782  | 0        | 13.420 | N.D. #    |
| 11)                         | B alpha-Chl...  | 6.042  | 5.073  | 19862924  | 7266236  | 9.208  | 2.261 #   |
| 12)                         | B 4,4'-DDE      | 6.205f | 5.274  | 1761752   | 13223078 | 0.879  | 4.387 #   |
| 13)                         | MA Dieldrin     | 6.398f | 5.398  | 4263838   | 40678241 | 1.954  | 12.423 #  |
| 14)                         | MA Endrin       | 0.000  | 5.659  | 0         | 4773813  | N.D.   | 1.699 #   |
| 15)                         | B Endosulfa...  | 6.818  | 5.965  | 3694674   | 16112733 | 1.939  | 5.905 #   |
| 16)                         | A 4,4'-DDD      | 6.732  | 5.815  | 10465296  | 4110666  | 6.247  | 1.596 #   |
| 17)                         | MA 4,4'-DDT     | 7.073  | 6.061  | 532665    | 1501916  | 0.299  | 0.591 #   |
| 18)                         | B Endrin al...  | 6.946  | 6.154f | 2062396   | 2849921  | 1.440  | 1.388     |
| 19)                         | B Endosulfa...  | 7.193  | 6.380f | 148042    | 2093539  | 0.078  | 0.781 #   |
| 20)                         | A Methoxychlor  | 7.502f | 6.668f | 1344991   | 28459793 | 1.361  | 19.462 #  |
| 21)                         | B Endrin ke...  | 7.697f | 0.000  | 2106404   | 0        | 1.017  | N.D. #    |
| 22)                         | Mirex           | 8.158  | 0.000  | 1266465   | 0        | 0.774  | N.D. #    |
| 23)                         | Chlordane-1     | 4.717f | 3.811  | 1835543   | 5392529  | 24.644 | 56.016 #  |
| 24)                         | Chlordane-2     | 5.285f | 4.393f | 3192279   | 236444   | 41.763 | 2.069 #   |
| 26)                         | Chlordane-4     | 6.042f | 5.073  | 19862924  | 7266236  | 54.847 | 24.697 #  |
| 27)                         | Chlordane-5     | 6.891f | 5.965  | 170732    | 16112733 | 2.524  | 141.827 # |
| -----                       |                 |        |        |           |          |        |           |

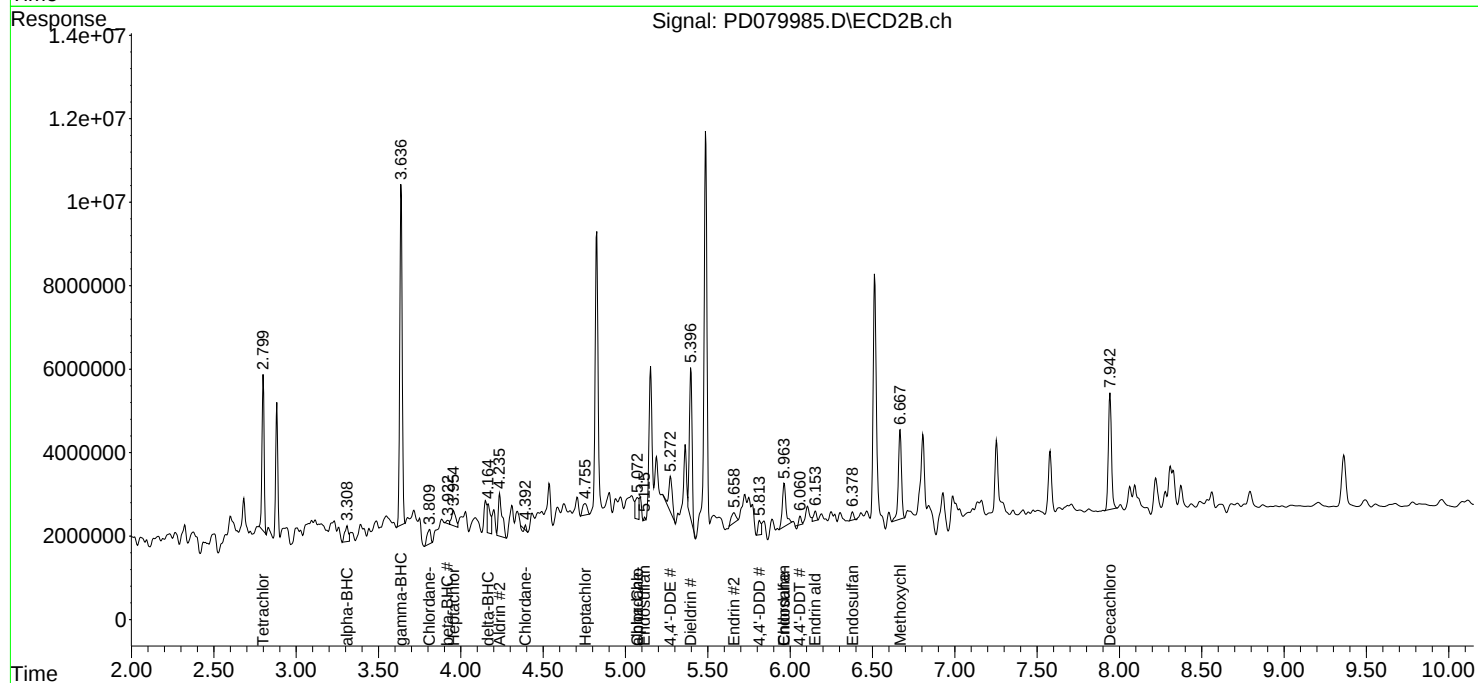
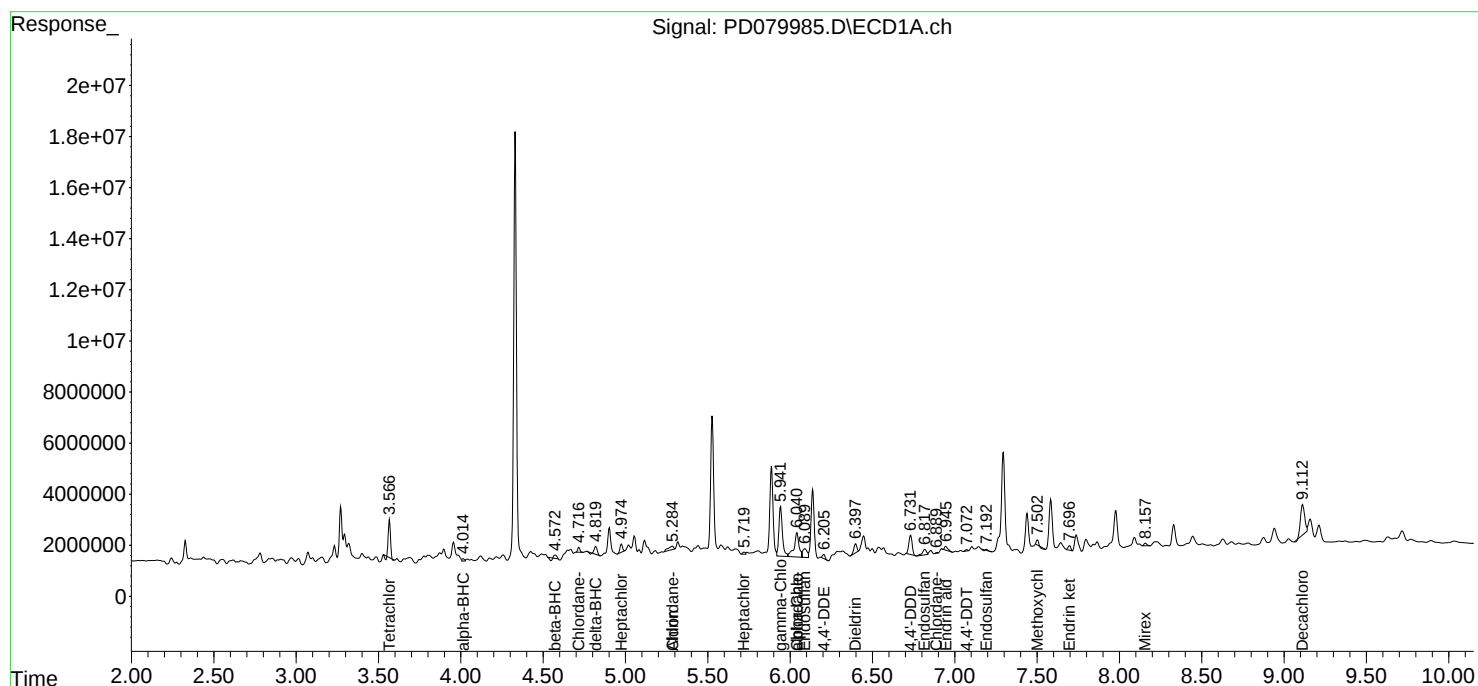
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

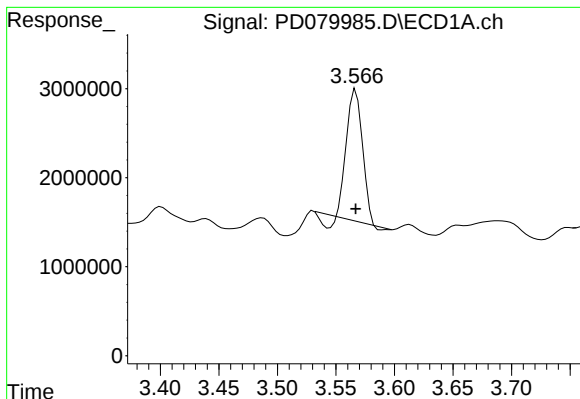
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD120623\  
Data File : PD079985.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Dec 2023 20:32  
Operator : AR\AJ  
Sample : 05629-01  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
VNJ-216

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 06 21:51:34 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD120623.M  
Quant Title : GC Extractables  
QLast Update : Wed Dec 06 14:11:45 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

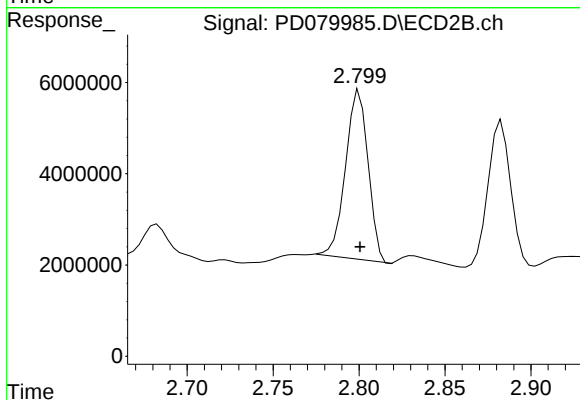




#1 Tetrachloro-m-xylene

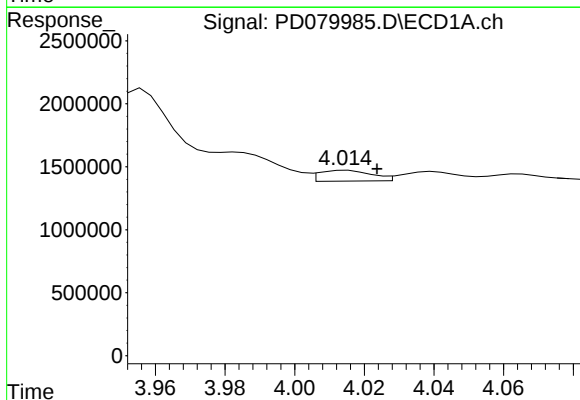
R.T.: 3.567 min  
Delta R.T.: 0.000 min  
Response: 13173094  
Conc: 8.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
VNJ-216



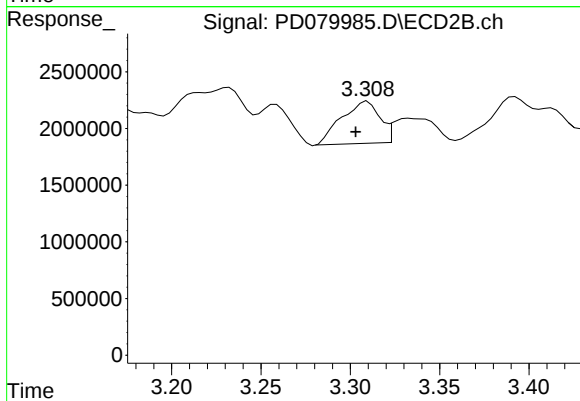
#1 Tetrachloro-m-xylene

R.T.: 2.800 min  
Delta R.T.: 0.000 min  
Response: 33937057  
Conc: 13.50 ng/ml



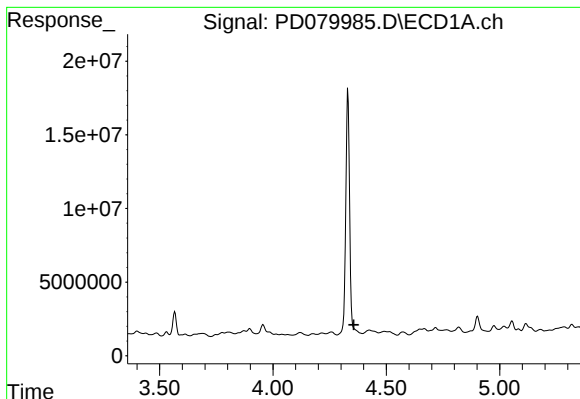
#2 alpha-BHC

R.T.: 4.015 min  
Delta R.T.: -0.009 min  
Response: 896304  
Conc: 0.36 ng/ml



#2 alpha-BHC

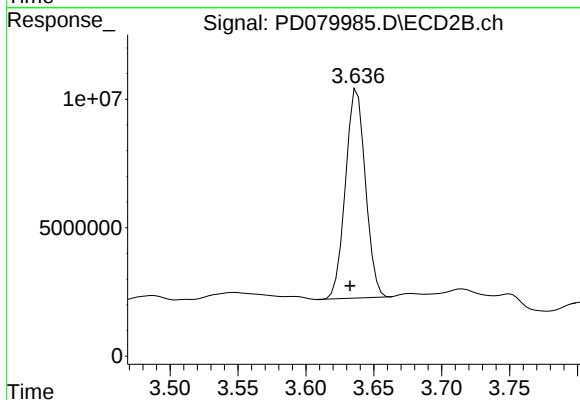
R.T.: 3.310 min  
Delta R.T.: 0.006 min  
Response: 5514335  
Conc: 1.44 ng/ml



#3 gamma-BHC (Lindane)

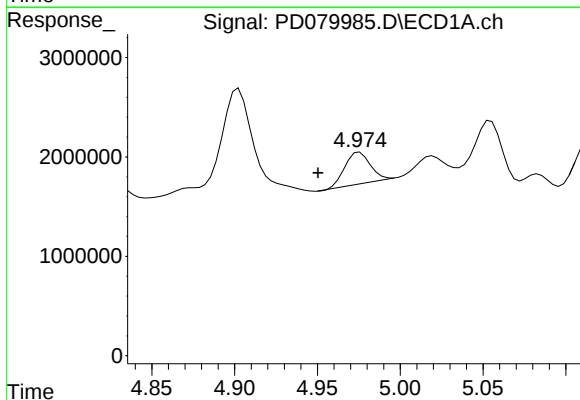
R.T.: 4.331 min  
Delta R.T.: -0.026 min  
Response: -43208667  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
VNJ-216



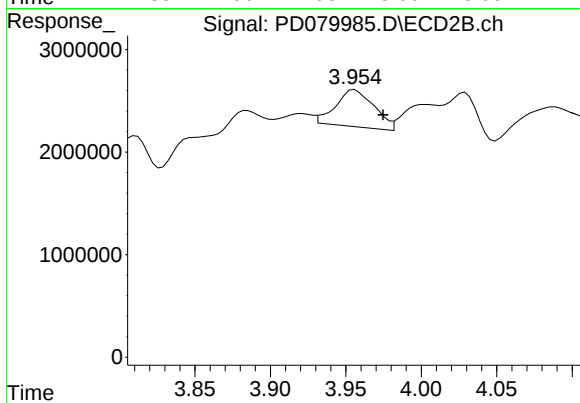
#3 gamma-BHC (Lindane)

R.T.: 3.638 min  
Delta R.T.: 0.005 min  
Response: 83129292  
Conc: 22.88 ng/ml



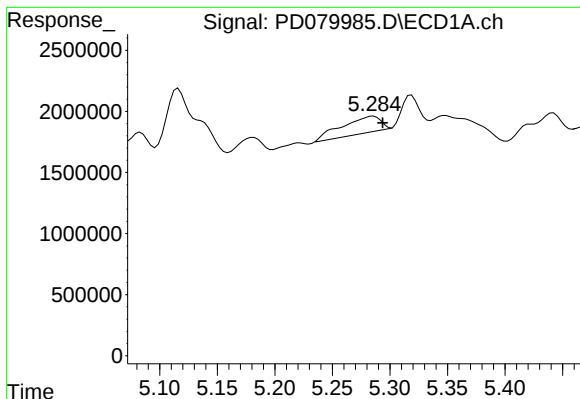
#4 Heptachlor

R.T.: 4.976 min  
Delta R.T.: 0.025 min  
Response: 3370344  
Conc: 1.37 ng/ml



#4 Heptachlor

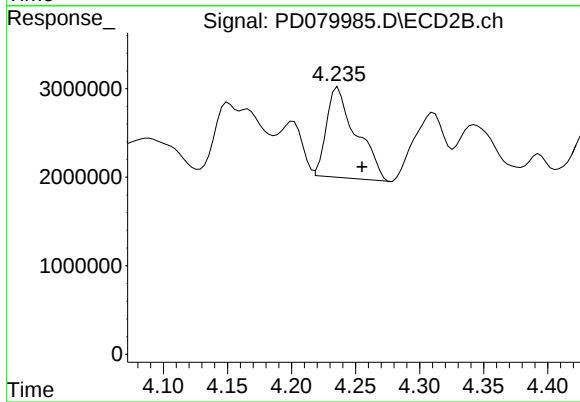
R.T.: 3.956 min  
Delta R.T.: -0.019 min  
Response: 6412168  
Conc: 1.83 ng/ml



#5 Aldrin

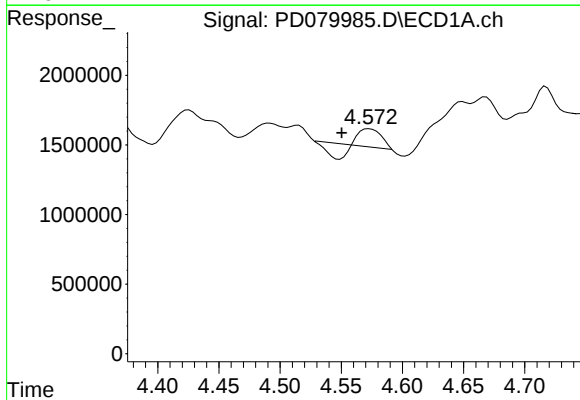
R.T.: 5.285 min  
Delta R.T.: -0.008 min  
Response: 3192279  
Conc: 1.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
VNJ-216



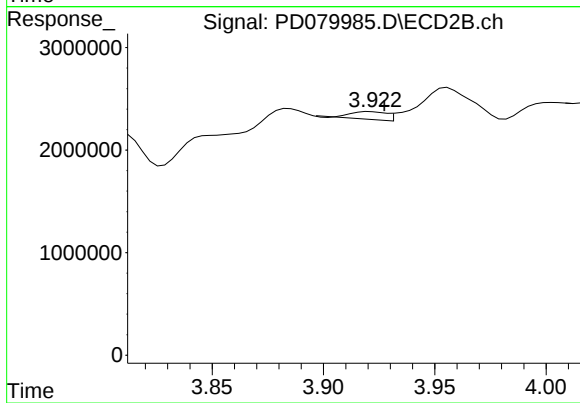
#5 Aldrin

R.T.: 4.236 min  
Delta R.T.: -0.019 min  
Response: 16476600  
Conc: 4.63 ng/ml



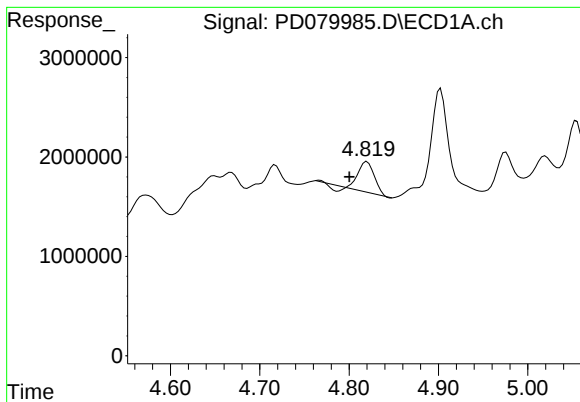
#6 beta-BHC

R.T.: 4.573 min  
Delta R.T.: 0.023 min  
Response: 749036  
Conc: 0.75 ng/ml



#6 beta-BHC

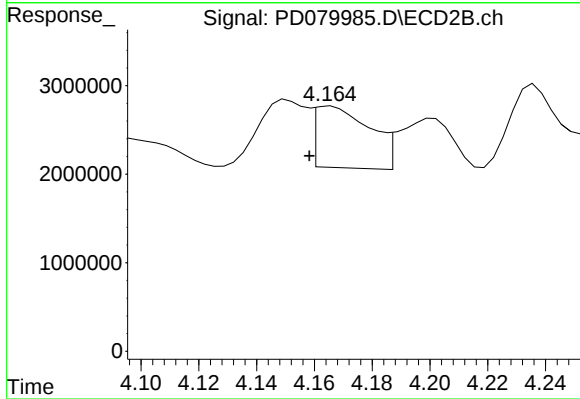
R.T.: 3.921 min  
Delta R.T.: -0.006 min  
Response: 836983  
Conc: 0.54 ng/ml



#7 delta-BHC

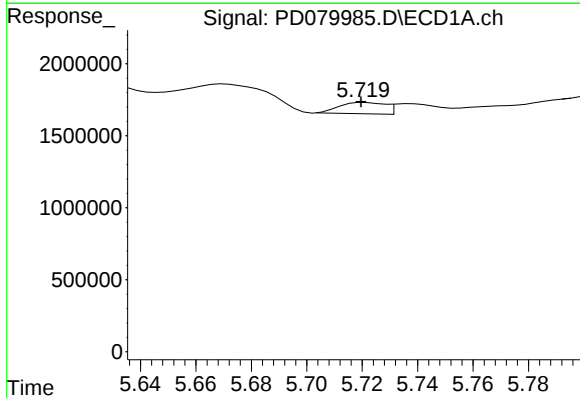
R.T.: 4.820 min  
Delta R.T.: 0.020 min  
Response: 3600071  
Conc: 1.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
VNJ-216



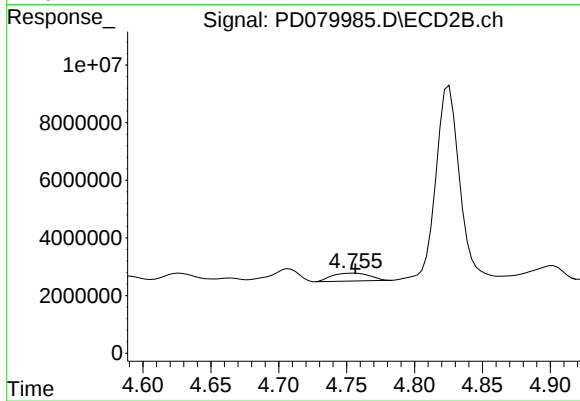
#7 delta-BHC

R.T.: 4.166 min  
Delta R.T.: 0.008 min  
Response: 9138107  
Conc: 2.43 ng/ml



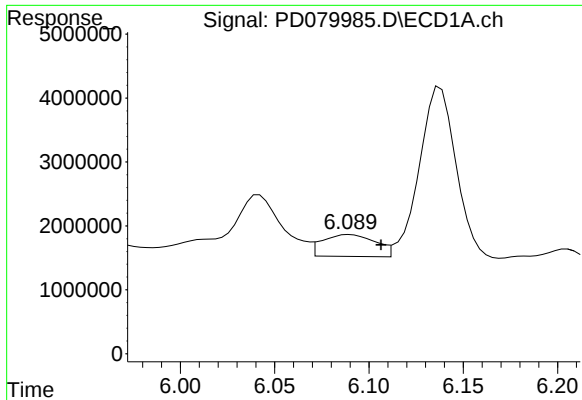
#8 Heptachlor epoxide

R.T.: 5.721 min  
Delta R.T.: 0.001 min  
Response: 898380  
Conc: 0.41 ng/ml



#8 Heptachlor epoxide

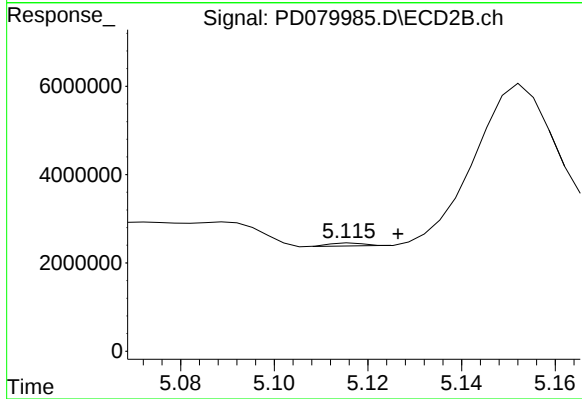
R.T.: 4.756 min  
Delta R.T.: 0.000 min  
Response: 5269418  
Conc: 1.61 ng/ml



#9 Endosulfan I

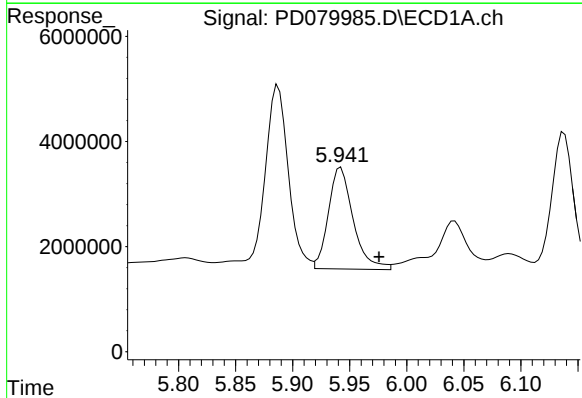
R.T.: 6.090 min  
Delta R.T.: -0.016 min  
Response: 6678684  
Conc: 3.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
VNJ-216



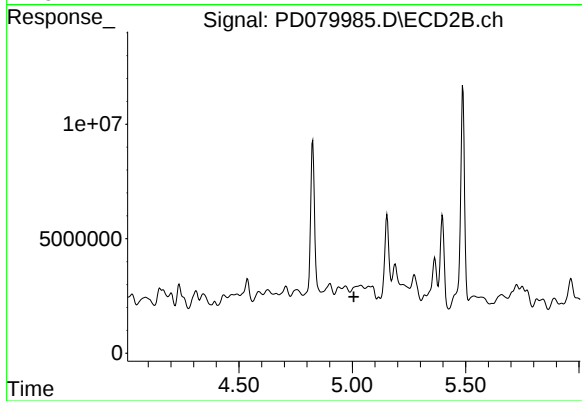
#9 Endosulfan I

R.T.: 5.117 min  
Delta R.T.: -0.010 min  
Response: 346226  
Conc: 0.11 ng/ml



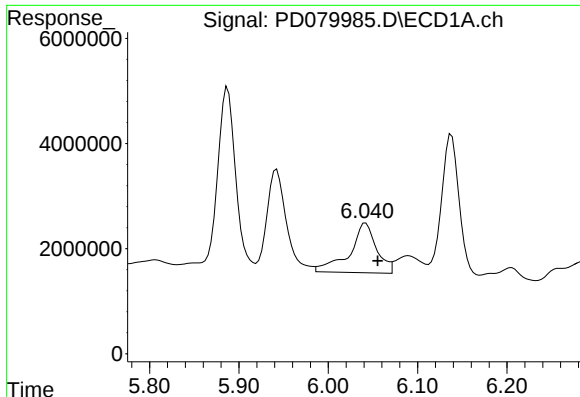
#10 gamma-Chlordane

R.T.: 5.942 min  
Delta R.T.: -0.034 min  
Response: 29214782  
Conc: 13.42 ng/ml



#10 gamma-Chlordane

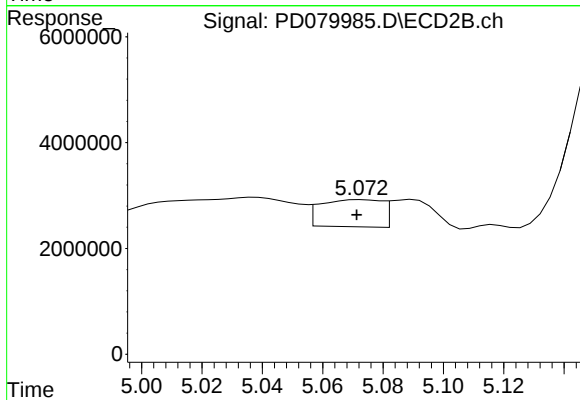
R.T.: 0.000 min  
Exp R.T. : 5.007 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

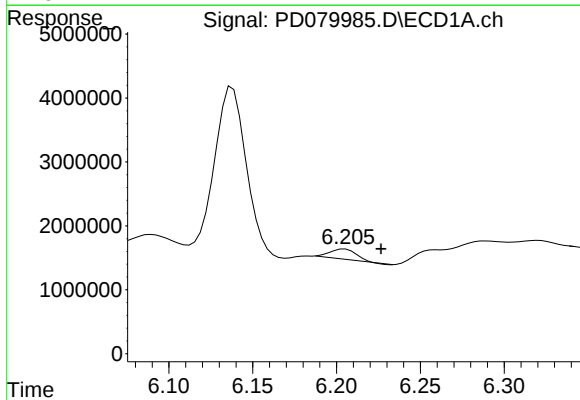
R.T.: 6.042 min  
Delta R.T.: -0.014 min  
Response: 19862924  
Conc: 9.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
VNJ-216



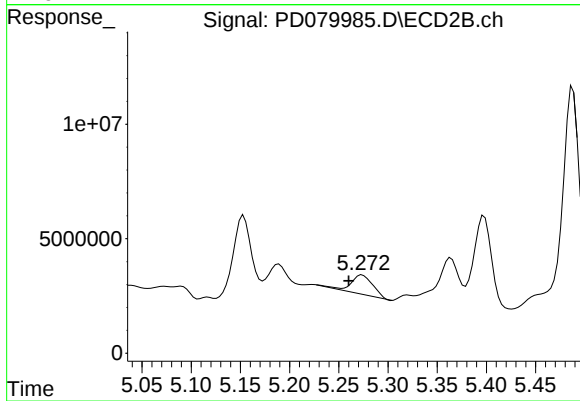
#11 alpha-Chlordane

R.T.: 5.073 min  
Delta R.T.: 0.002 min  
Response: 7266236  
Conc: 2.26 ng/ml



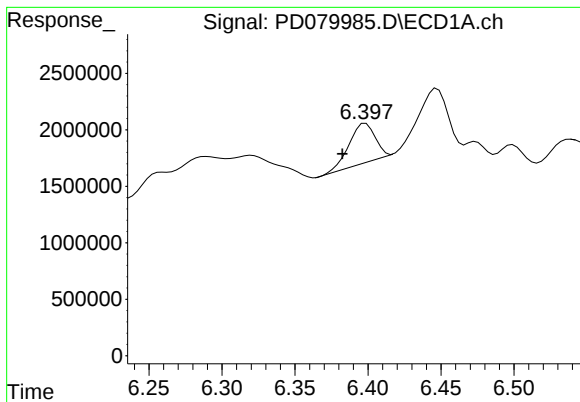
#12 4,4'-DDE

R.T.: 6.205 min  
Delta R.T.: -0.021 min  
Response: 1761752  
Conc: 0.88 ng/ml



#12 4,4'-DDE

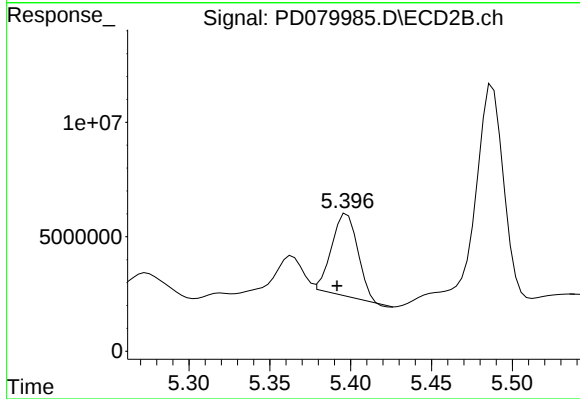
R.T.: 5.274 min  
Delta R.T.: 0.014 min  
Response: 13223078  
Conc: 4.39 ng/ml



#13 Dieldrin

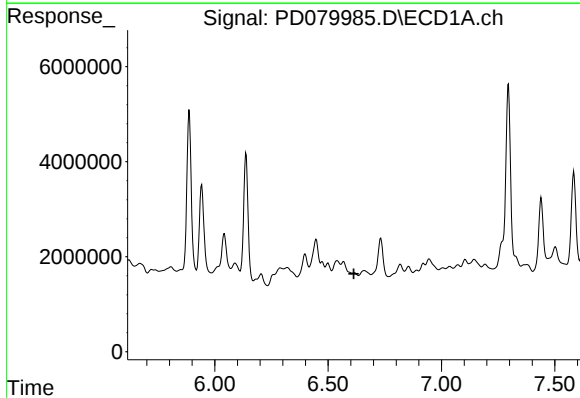
R.T.: 6.398 min  
Delta R.T.: 0.016 min  
Response: 4263838  
Conc: 1.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
VNJ-216



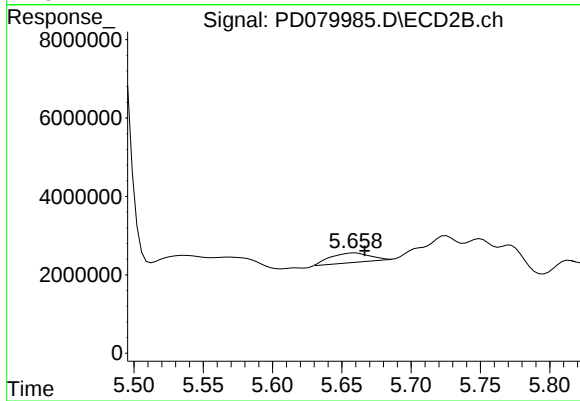
#13 Dieldrin

R.T.: 5.398 min  
Delta R.T.: 0.006 min  
Response: 40678241  
Conc: 12.42 ng/ml



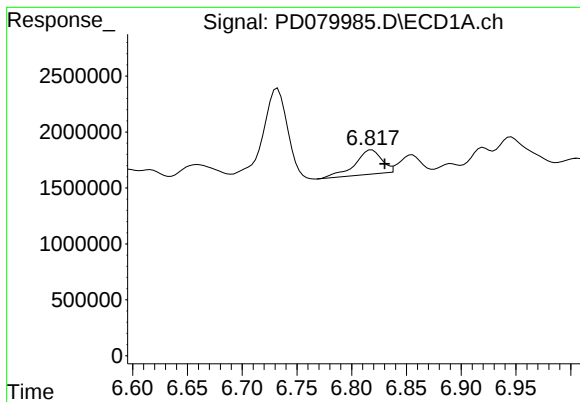
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.613 min  
Response: 0  
Conc: N.D.



#14 Endrin

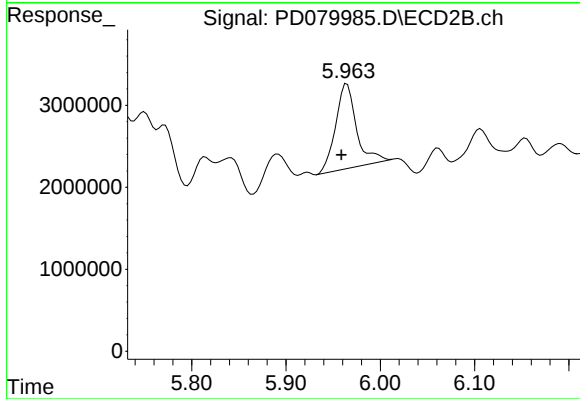
R.T.: 5.659 min  
Delta R.T.: -0.007 min  
Response: 4773813  
Conc: 1.70 ng/ml



#15 Endosulfan II

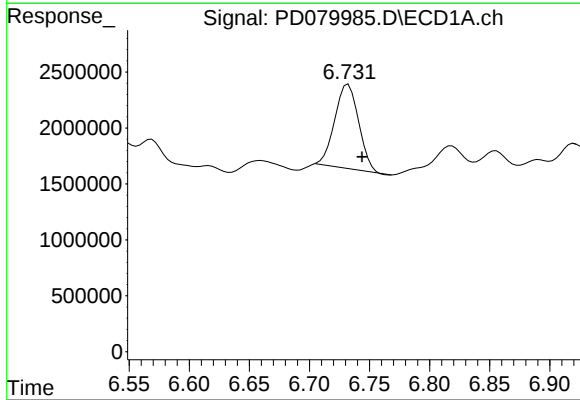
R.T.: 6.818 min  
Delta R.T.: -0.012 min  
Response: 3694674  
Conc: 1.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
VNJ-216



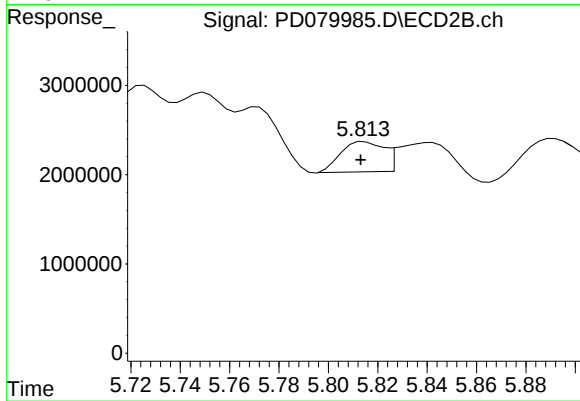
#15 Endosulfan II

R.T.: 5.965 min  
Delta R.T.: 0.006 min  
Response: 16112733  
Conc: 5.91 ng/ml



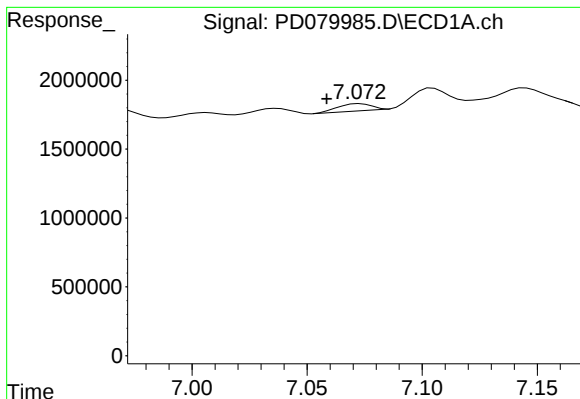
#16 4,4'-DDD

R.T.: 6.732 min  
Delta R.T.: -0.012 min  
Response: 10465296  
Conc: 6.25 ng/ml



#16 4,4'-DDD

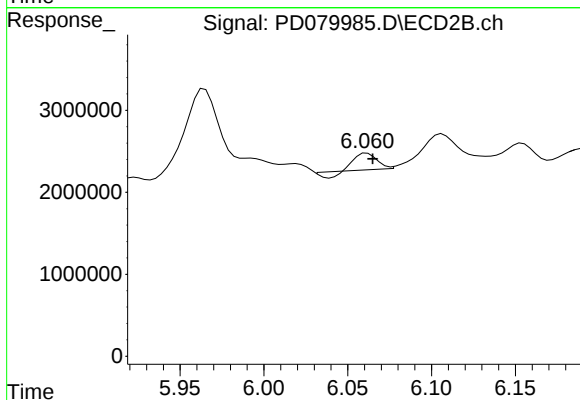
R.T.: 5.815 min  
Delta R.T.: 0.002 min  
Response: 4110666  
Conc: 1.60 ng/ml



#17 4,4'-DDT

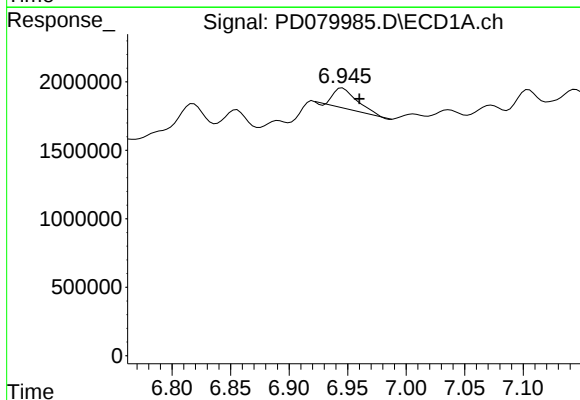
R.T.: 7.073 min  
Delta R.T.: 0.014 min  
Response: 532665  
Conc: 0.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
VNJ-216



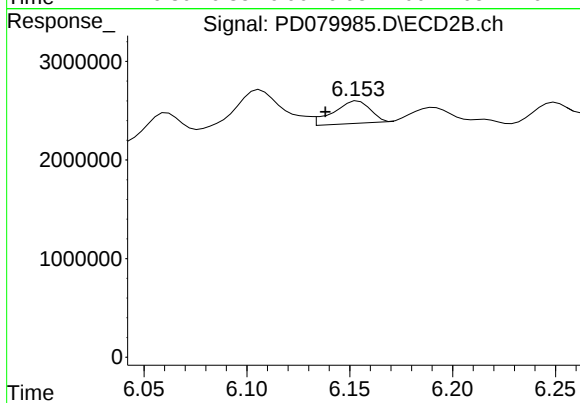
#17 4,4'-DDT

R.T.: 6.061 min  
Delta R.T.: -0.003 min  
Response: 1501916  
Conc: 0.59 ng/ml



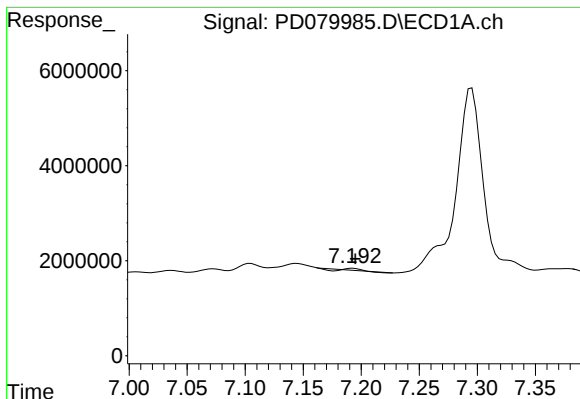
#18 Endrin aldehyde

R.T.: 6.946 min  
Delta R.T.: -0.014 min  
Response: 2062396  
Conc: 1.44 ng/ml



#18 Endrin aldehyde

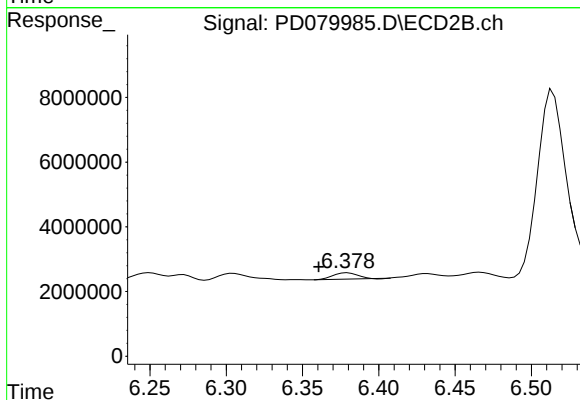
R.T.: 6.154 min  
Delta R.T.: 0.016 min  
Response: 2849921  
Conc: 1.39 ng/ml



#19 Endosulfan Sulfate

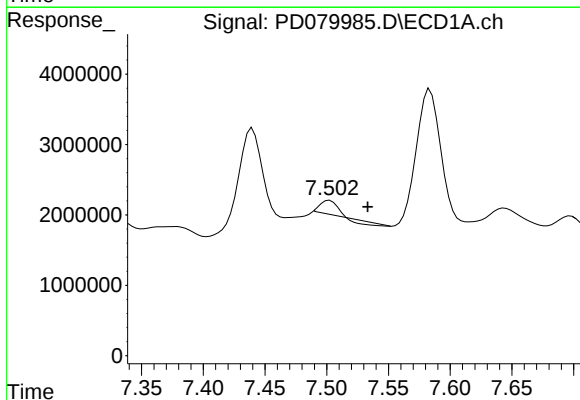
R.T.: 7.193 min  
Delta R.T.: -0.002 min  
Response: 148042  
Conc: 0.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
VNJ-216



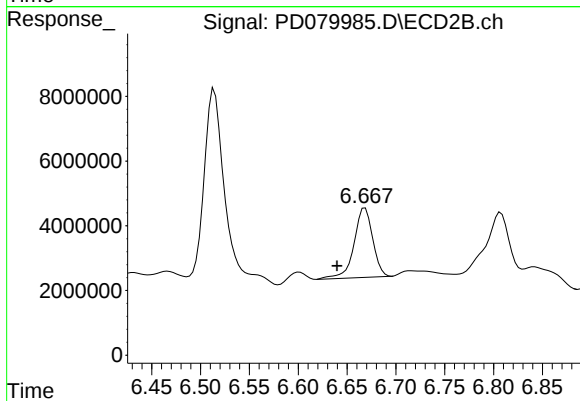
#19 Endosulfan Sulfate

R.T.: 6.380 min  
Delta R.T.: 0.019 min  
Response: 2093539  
Conc: 0.78 ng/ml



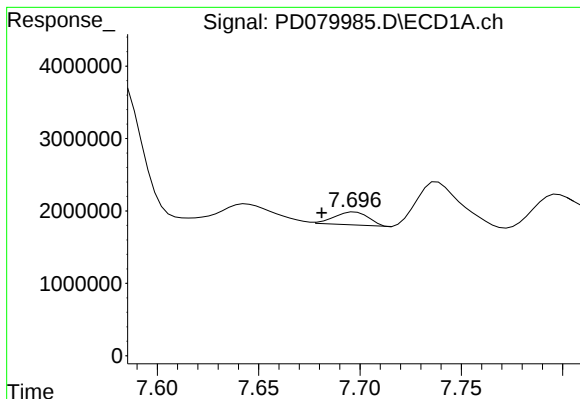
#20 Methoxychlor

R.T.: 7.502 min  
Delta R.T.: -0.031 min  
Response: 1344991  
Conc: 1.36 ng/ml



#20 Methoxychlor

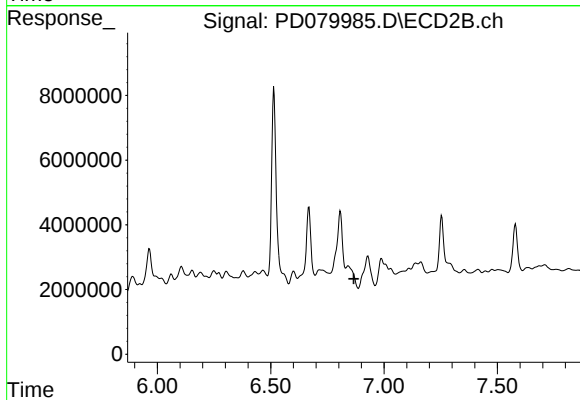
R.T.: 6.668 min  
Delta R.T.: 0.029 min  
Response: 28459793  
Conc: 19.46 ng/ml



#21 Endrin ketone

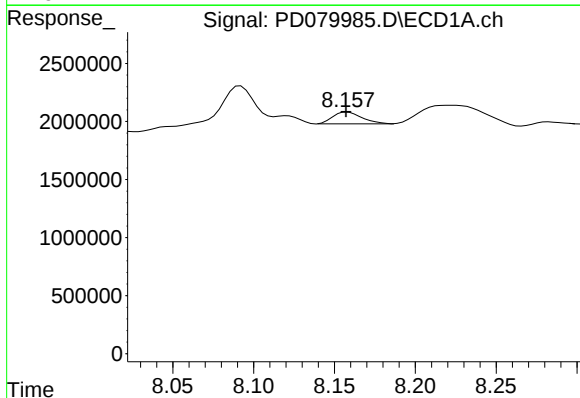
R.T.: 7.697 min  
Delta R.T.: 0.016 min  
Response: 2106404  
Conc: 1.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
VNJ-216



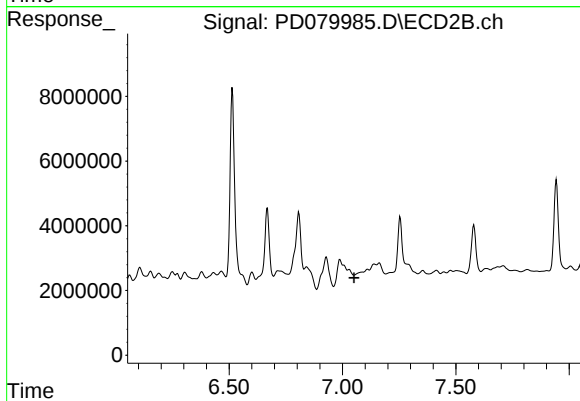
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.867 min  
Response: 0  
Conc: N.D.



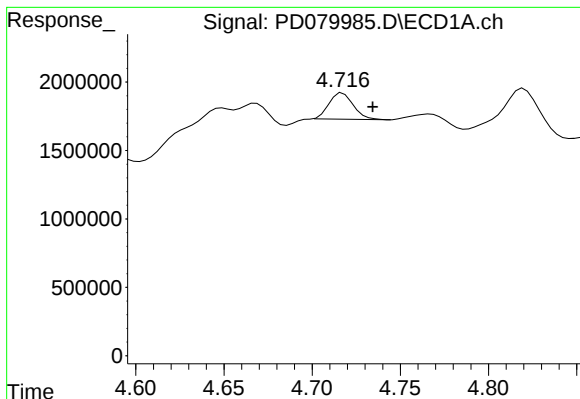
#22 Mirex

R.T.: 8.158 min  
Delta R.T.: 0.001 min  
Response: 1266465  
Conc: 0.77 ng/ml



#22 Mirex

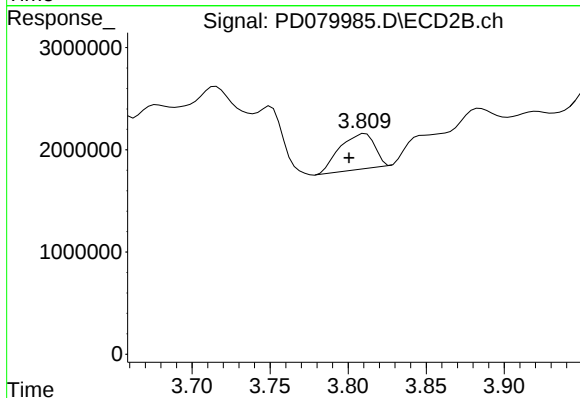
R.T.: 0.000 min  
Exp R.T. : 7.051 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

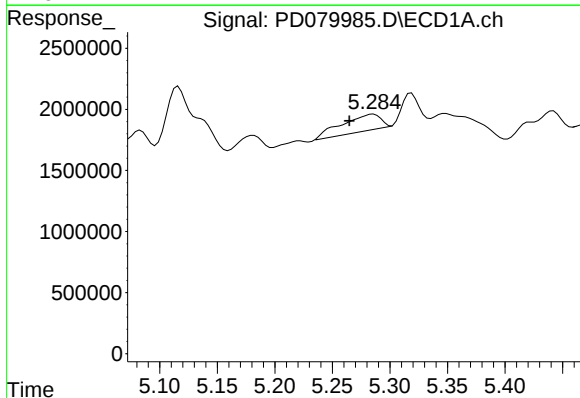
R.T.: 4.717 min  
Delta R.T.: -0.017 min  
Response: 1835543  
Conc: 24.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
VNJ-216



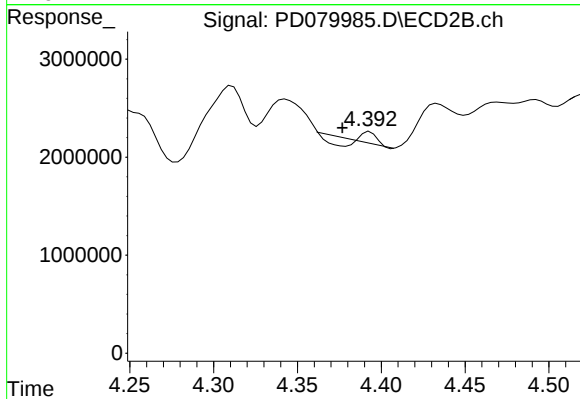
#23 Chlordane-1

R.T.: 3.811 min  
Delta R.T.: 0.010 min  
Response: 5392529  
Conc: 56.02 ng/ml



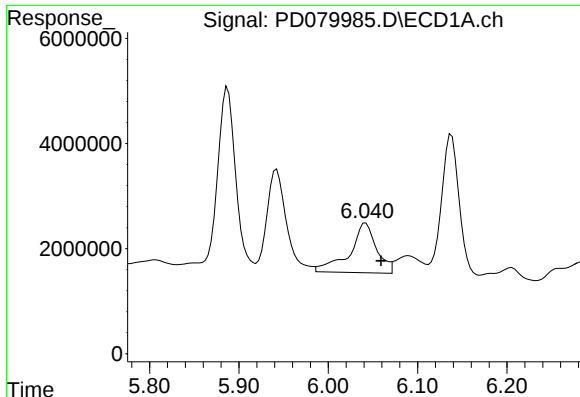
#24 Chlordane-2

R.T.: 5.285 min  
Delta R.T.: 0.021 min  
Response: 3192279  
Conc: 41.76 ng/ml



#24 Chlordane-2

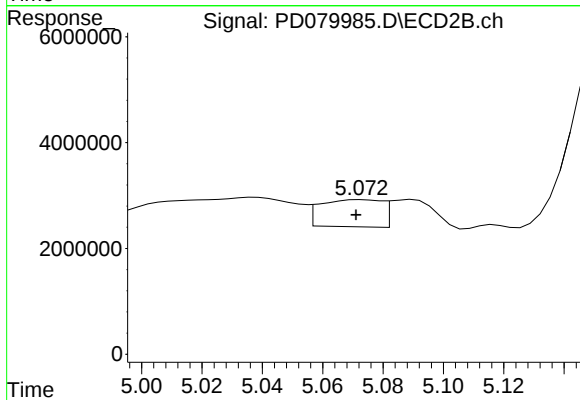
R.T.: 4.393 min  
Delta R.T.: 0.016 min  
Response: 236444  
Conc: 2.07 ng/ml



#26 Chlordane-4

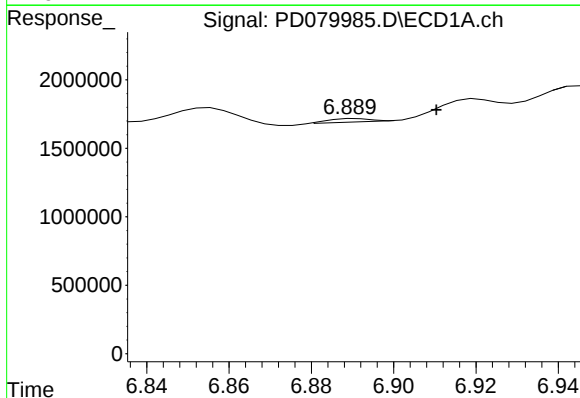
R.T.: 6.042 min  
Delta R.T.: -0.017 min  
Response: 19862924  
Conc: 54.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
VNJ-216



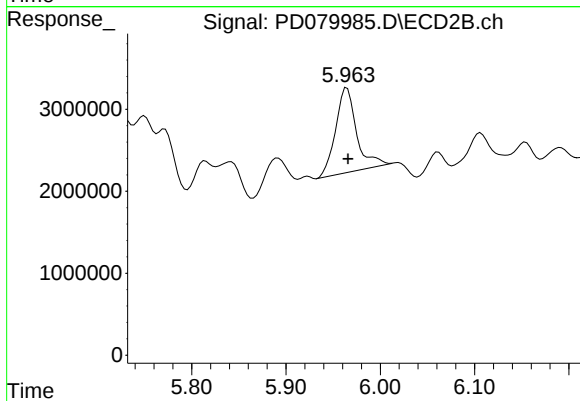
#26 Chlordane-4

R.T.: 5.073 min  
Delta R.T.: 0.002 min  
Response: 7266236  
Conc: 24.70 ng/ml



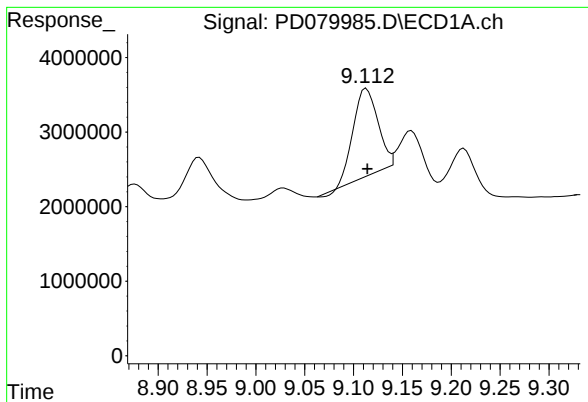
#27 Chlordane-5

R.T.: 6.891 min  
Delta R.T.: -0.019 min  
Response: 170732  
Conc: 2.52 ng/ml



#27 Chlordane-5

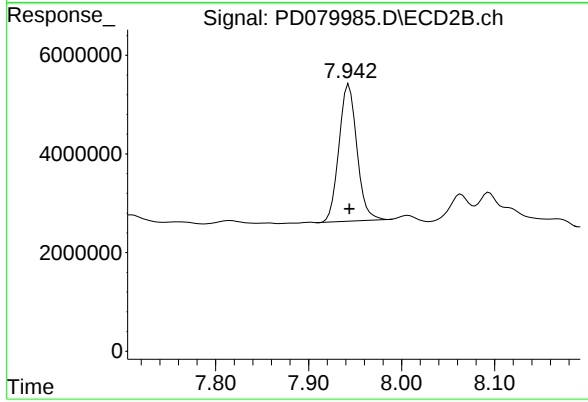
R.T.: 5.965 min  
Delta R.T.: -0.001 min  
Response: 16112733  
Conc: 141.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.113 min  
Delta R.T.: 0.000 min  
Response: 20430692  
Conc: 10.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
VNJ-216



#28 Decachlorobiphenyl

R.T.: 7.943 min  
Delta R.T.: 0.000 min  
Response: 37227405  
Conc: 13.21 ng/ml