

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD121021\  
 Data File : PD067264.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Dec 2021 15:32  
 Operator : AR\AJ  
 Sample : PB141264BSD  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB141264BSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 10 21:53:42 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD113021.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 30 17:33:19 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... | 3.441 | 3.965 | 33950321 | 159.8E6  | 16.430 | 22.020 # |
| 2)                          | SA Decachlor... | 8.167 | 9.031 | 20026430 | 97911804 | 17.675 | 19.476   |
| Target Compounds            |                 |       |       |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.878 | 4.359 | 30945138 | 133.5E6  | 9.213  | 12.828 # |
| 3)                          | MA gamma-BHC... | 4.160 | 4.645 | 29757593 | 116.7E6  | 9.260  | 12.250 # |
| 4)                          | MA Heptachlor   | 4.453 | 5.145 | 30543519 | 103.1E6  | 9.388  | 11.457   |
| 5)                          | MB Aldrin       | 4.699 | 5.449 | 30246105 | 93460622 | 9.498  | 11.118   |
| 6)                          | B beta-BHC      | 4.410 | 4.823 | 14180210 | 55871070 | 10.388 | 12.674   |
| 7)                          | B delta-BHC     | 4.611 | 5.037 | 28281837 | 90211944 | 9.457  | 9.830m   |
| 8)                          | B Heptachlo...  | 5.140 | 5.839 | 27971602 | 72945903 | 9.710  | 10.404   |
| 9)                          | A Endosulfan I  | 5.476 | 6.196 | 26050680 | 80891420 | 9.990  | 11.627   |
| 10)                         | B gamma-Chl...  | 5.364 | 6.072 | 28372386 | 84183381 | 9.756  | 11.438   |
| 11)                         | B alpha-Chl...  | 5.422 | 6.145 | 28197824 | 84666197 | 9.926  | 11.624   |
| 12)                         | B 4,4'-DDE      | 5.585 | 6.305 | 25297957 | 79647830 | 9.427m | 11.511   |
| 13)                         | MA Dieldrin     | 5.718 | 6.455 | 26635547 | 86308349 | 9.529  | 11.769   |
| 14)                         | MA Endrin       | 5.975 | 6.671 | 25141613 | 58610071 | 11.011 | 10.439m  |
| 15)                         | B Endosulfa...  | 6.248 | 6.888 | 22732988 | 68769243 | 10.147 | 11.458   |
| 16)                         | A 4,4'-DDD      | 6.101 | 6.800 | 19497981 | 64283537 | 9.278  | 10.992   |
| 17)                         | MA 4,4'-DDT     | 6.340 | 7.098 | 21317389 | 67683422 | 10.075 | 11.340   |
| 18)                         | B Endrin al...  | 6.417 | 7.013 | 17666132 | 53353501 | 10.564 | 11.377   |
| 19)                         | B Endosulfa...  | 6.629 | 7.237 | 20467385 | 66198624 | 10.092 | 11.026   |
| 20)                         | A Methoxychlor  | 6.886 | 7.561 | 11713265 | 35456125 | 10.560 | 11.008   |
| 21)                         | B Endrin ke...  | 7.120 | 7.710 | 21802117 | 77382616 | 9.623  | 10.700   |
| 22)                         | Mirex           | 7.300 | 8.158 | 16925631 | 56079743 | 10.551 | 11.450   |
| -----                       |                 |       |       |          |          |        |          |

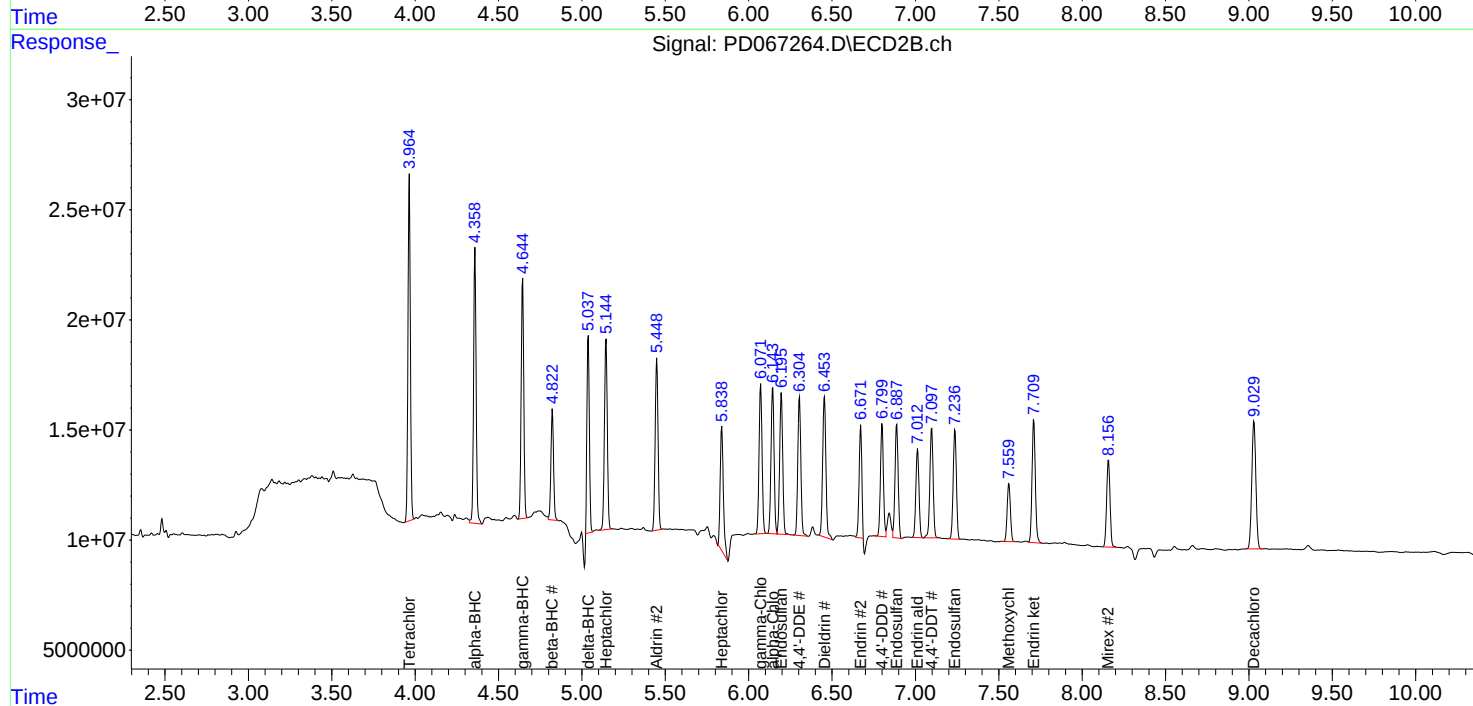
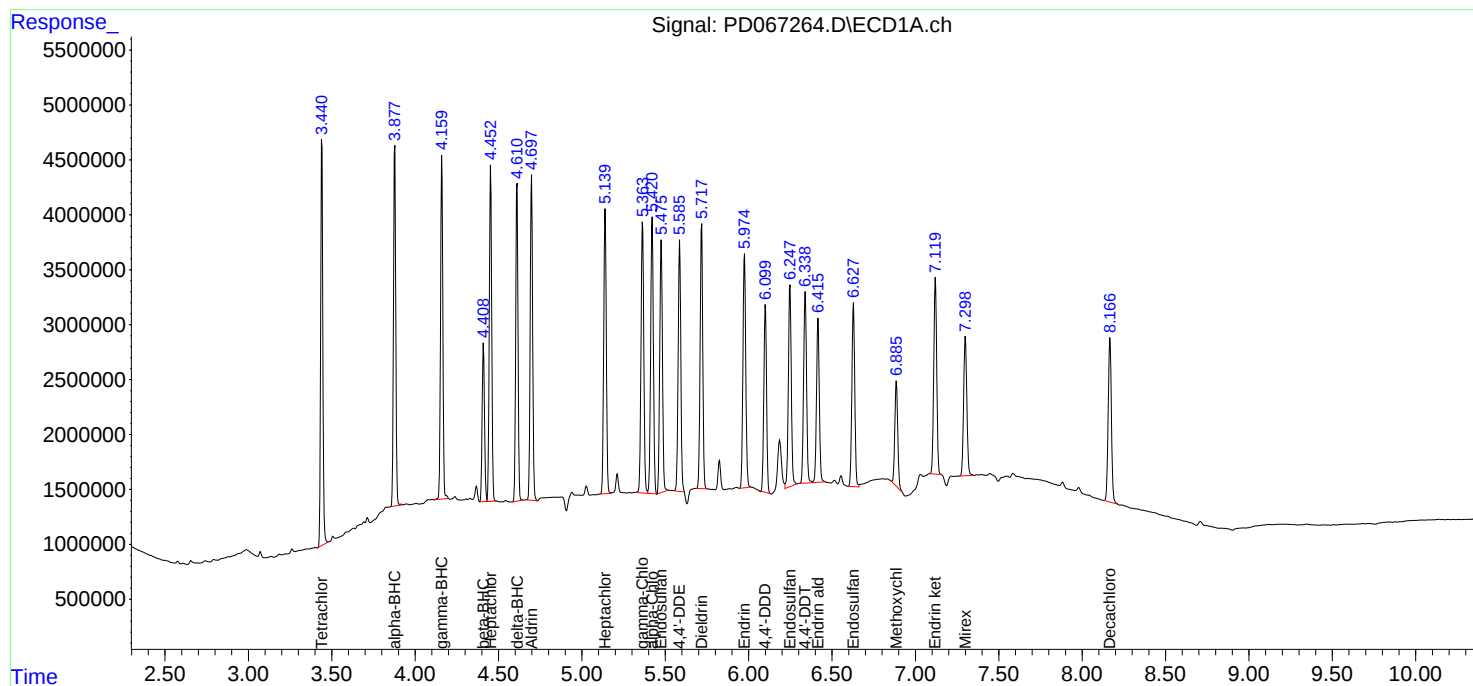
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

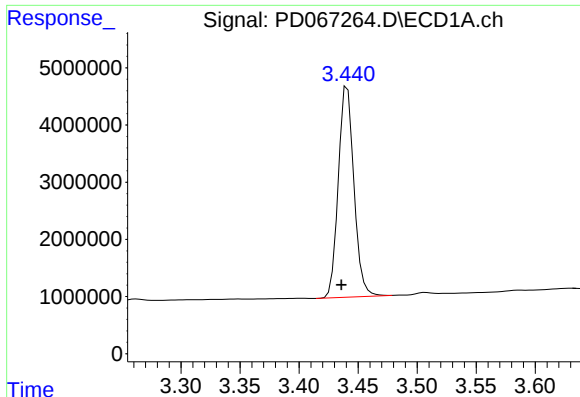
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD121021\  
Data File : PD067264.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Dec 2021 15:32  
Operator : AR\AJ  
Sample : PB141264BSD  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PB141264BSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 10 21:53:42 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD113021.M  
Quant Title : GC Extractables  
QLast Update : Tue Nov 30 17:33:19 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

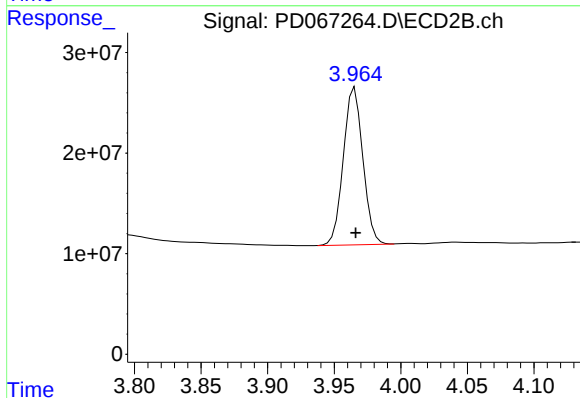




#1 Tetrachloro-m-xylene

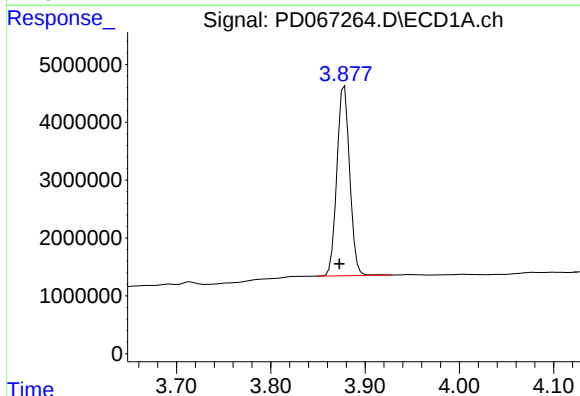
R.T.: 3.441 min  
Delta R.T.: 0.005 min  
Response: 33950321  
Conc: 16.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB141264BSD



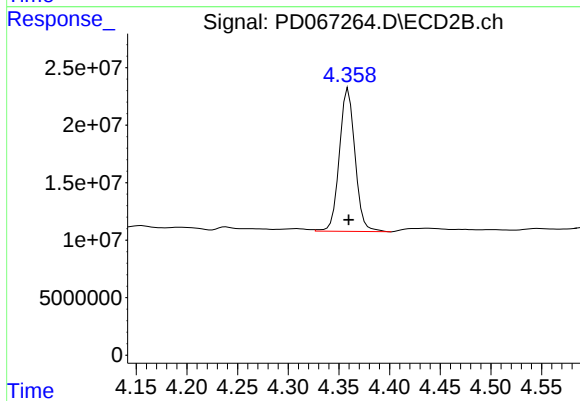
#1 Tetrachloro-m-xylene

R.T.: 3.965 min  
Delta R.T.: 0.000 min  
Response: 159824647  
Conc: 22.02 ng/ml



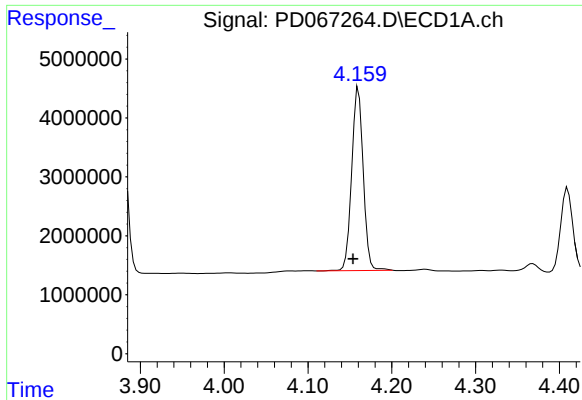
#2 alpha-BHC

R.T.: 3.878 min  
Delta R.T.: 0.005 min  
Response: 30945138  
Conc: 9.21 ng/ml



#2 alpha-BHC

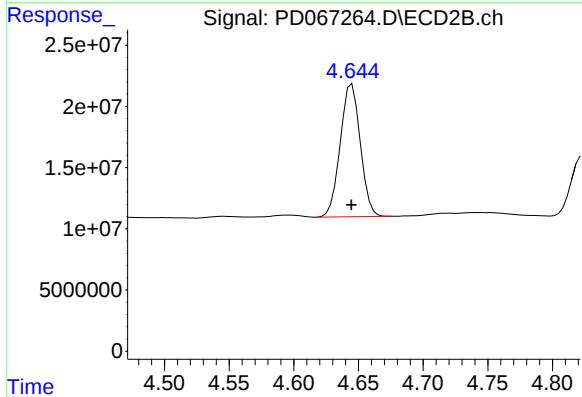
R.T.: 4.359 min  
Delta R.T.: 0.000 min  
Response: 133493416  
Conc: 12.83 ng/ml



#3 gamma-BHC (Lindane)

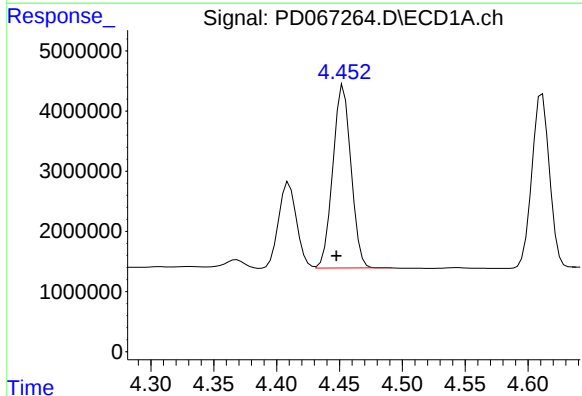
R.T.: 4.160 min  
Delta R.T.: 0.006 min  
Response: 29757593  
Conc: 9.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB141264BSD



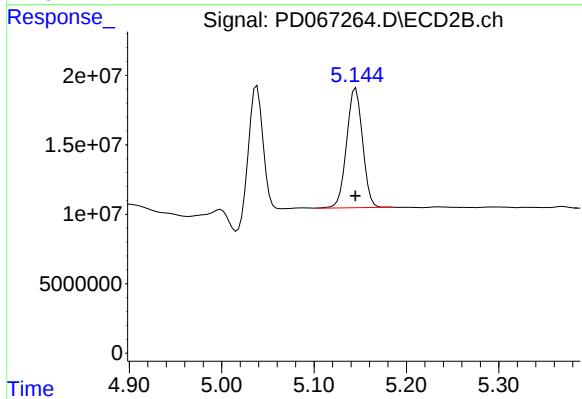
#3 gamma-BHC (Lindane)

R.T.: 4.645 min  
Delta R.T.: 0.000 min  
Response: 116737222  
Conc: 12.25 ng/ml



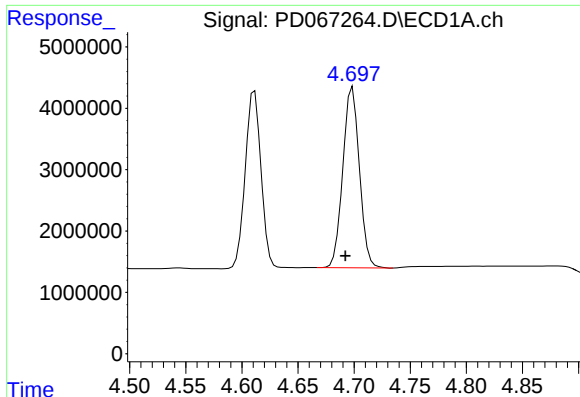
#4 Heptachlor

R.T.: 4.453 min  
Delta R.T.: 0.006 min  
Response: 30543519  
Conc: 9.39 ng/ml



#4 Heptachlor

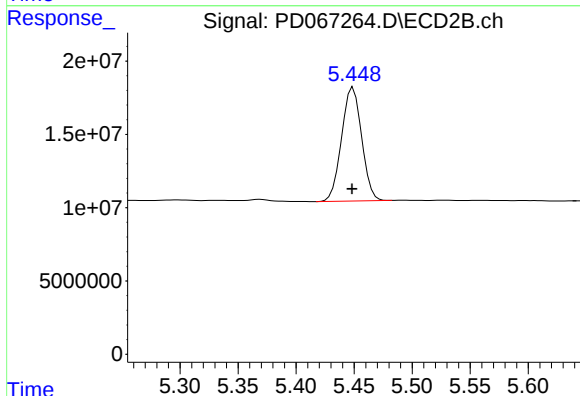
R.T.: 5.145 min  
Delta R.T.: 0.000 min  
Response: 103123886  
Conc: 11.46 ng/ml



#5 Aldrin

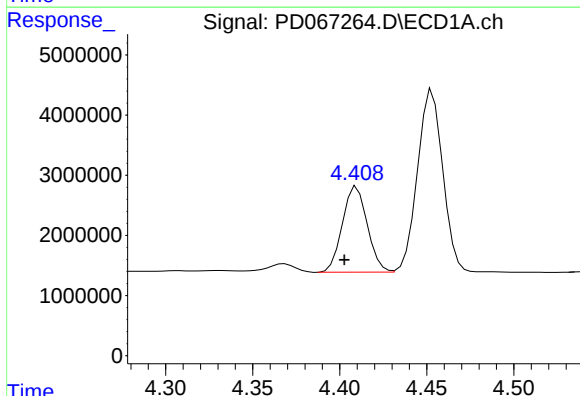
R.T.: 4.699 min  
Delta R.T.: 0.006 min  
Response: 30246105  
Conc: 9.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB141264BSD



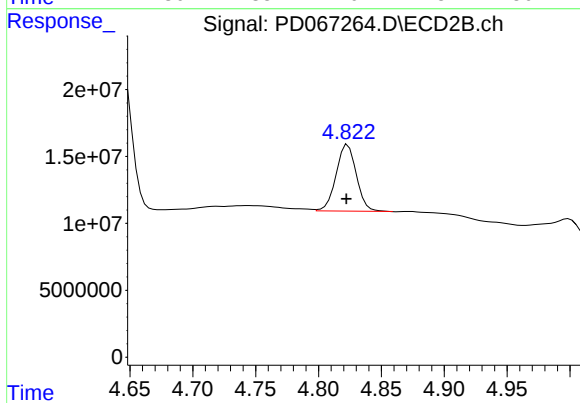
#5 Aldrin

R.T.: 5.449 min  
Delta R.T.: 0.000 min  
Response: 93460622  
Conc: 11.12 ng/ml



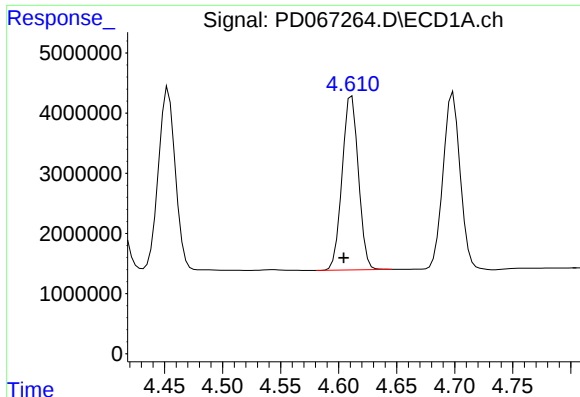
#6 beta-BHC

R.T.: 4.410 min  
Delta R.T.: 0.007 min  
Response: 14180210  
Conc: 10.39 ng/ml



#6 beta-BHC

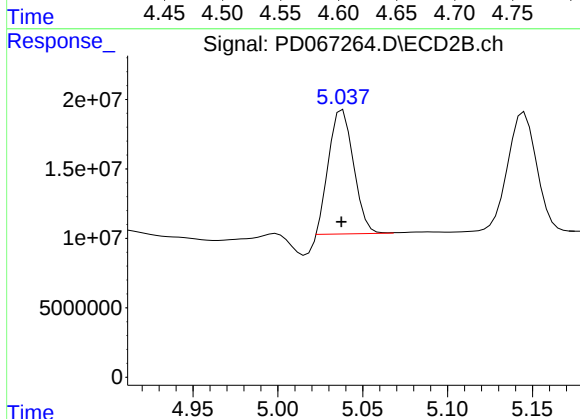
R.T.: 4.823 min  
Delta R.T.: 0.001 min  
Response: 55871070  
Conc: 12.67 ng/ml



#7 delta-BHC

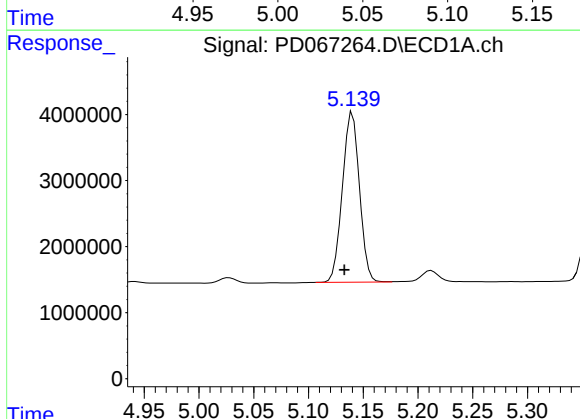
R.T.: 4.611 min  
Delta R.T.: 0.007 min  
Response: 28281837  
Conc: 9.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB141264BSD



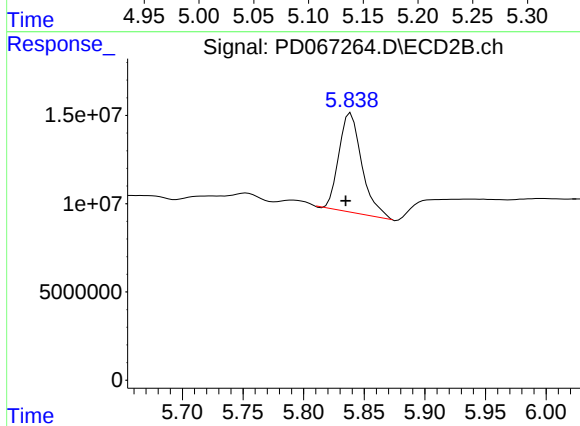
#7 delta-BHC

R.T.: 5.037 min  
Delta R.T.: 0.000 min  
Response: 90211944  
Conc: 9.83 ng/ml m



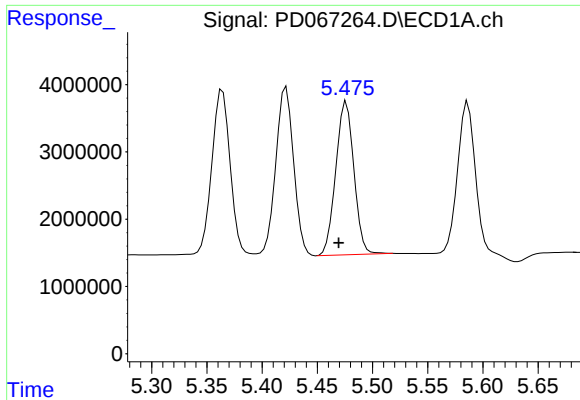
#8 Heptachlor epoxide

R.T.: 5.140 min  
Delta R.T.: 0.007 min  
Response: 27971602  
Conc: 9.71 ng/ml



#8 Heptachlor epoxide

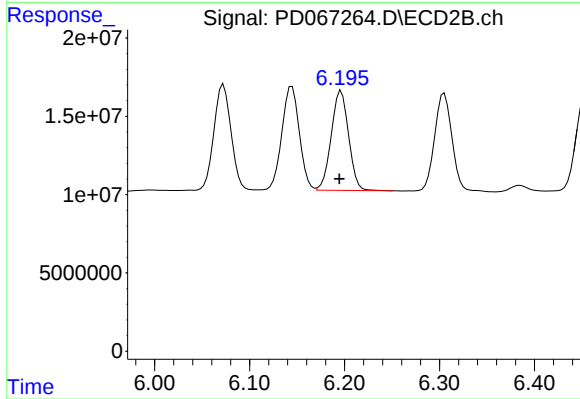
R.T.: 5.839 min  
Delta R.T.: 0.004 min  
Response: 72945903  
Conc: 10.40 ng/ml



#9 Endosulfan I

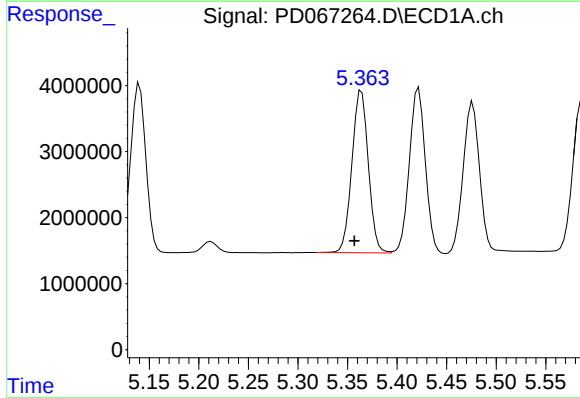
R.T.: 5.476 min  
Delta R.T.: 0.007 min  
Response: 26050680  
Conc: 9.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB141264BSD



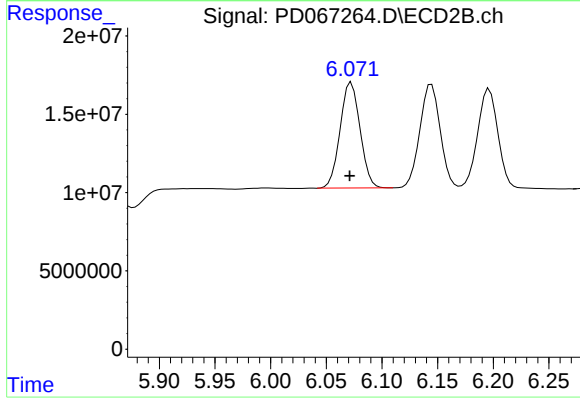
#9 Endosulfan I

R.T.: 6.196 min  
Delta R.T.: 0.002 min  
Response: 80891420  
Conc: 11.63 ng/ml



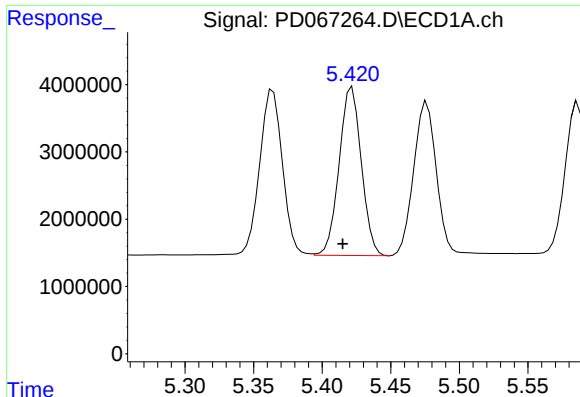
#10 gamma-Chlordane

R.T.: 5.364 min  
Delta R.T.: 0.007 min  
Response: 28372386  
Conc: 9.76 ng/ml



#10 gamma-Chlordane

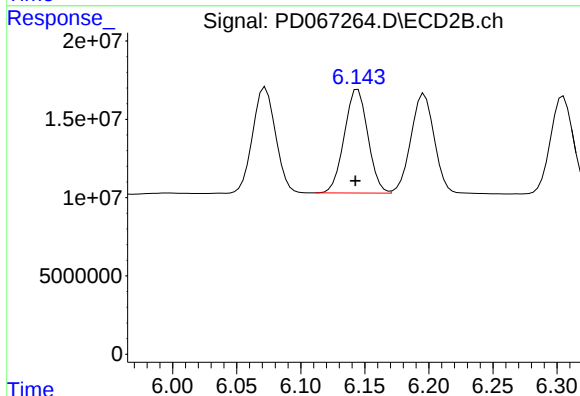
R.T.: 6.072 min  
Delta R.T.: 0.001 min  
Response: 84183381  
Conc: 11.44 ng/ml



#11 alpha-Chlordane

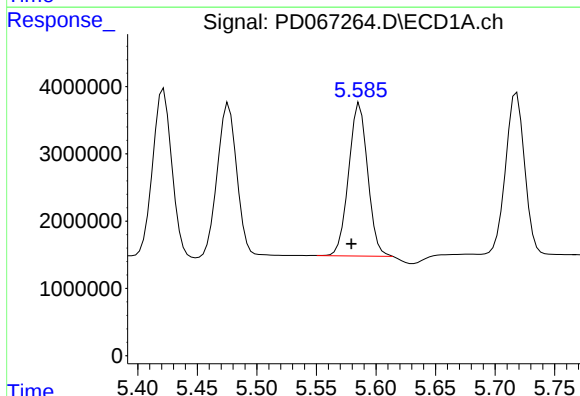
R.T.: 5.422 min  
Delta R.T.: 0.007 min  
Response: 28197824  
Conc: 9.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB141264BSD



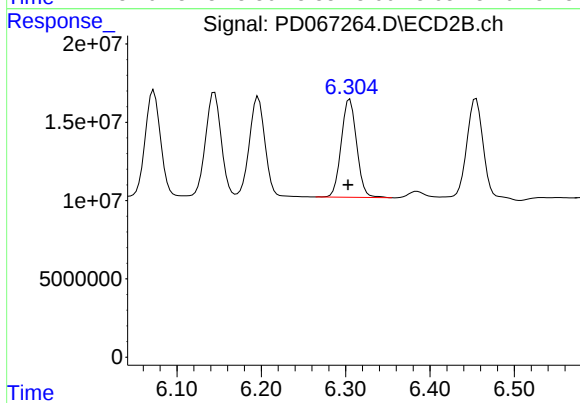
#11 alpha-Chlordane

R.T.: 6.145 min  
Delta R.T.: 0.002 min  
Response: 84666197  
Conc: 11.62 ng/ml



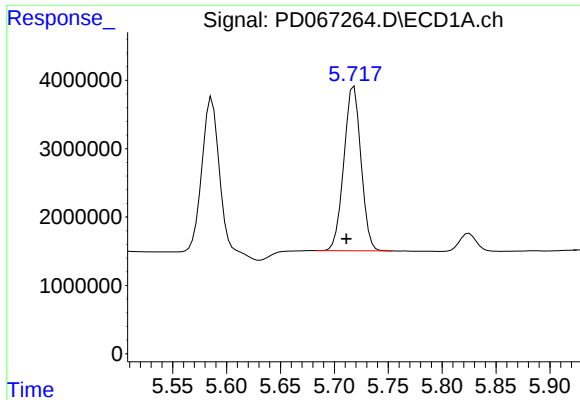
#12 4,4'-DDE

R.T.: 5.585 min  
Delta R.T.: 0.006 min  
Response: 25297957  
Conc: 9.43 ng/ml m



#12 4,4'-DDE

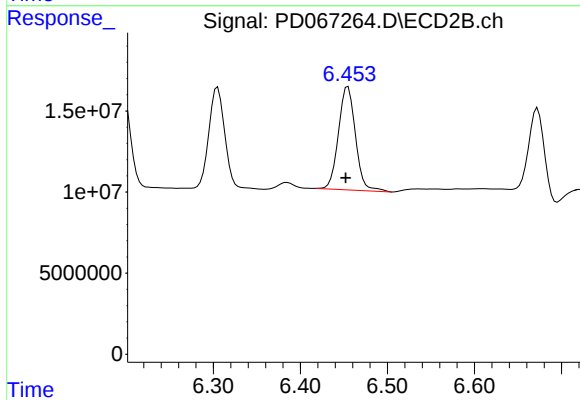
R.T.: 6.305 min  
Delta R.T.: 0.002 min  
Response: 79647830  
Conc: 11.51 ng/ml



#13 Dieldrin

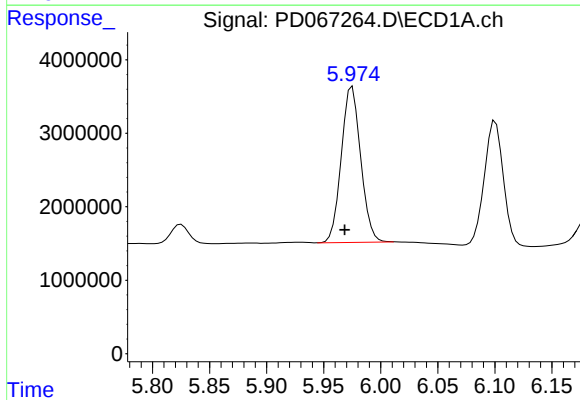
R.T.: 5.718 min  
Delta R.T.: 0.007 min  
Response: 26635547  
Conc: 9.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB141264BSD



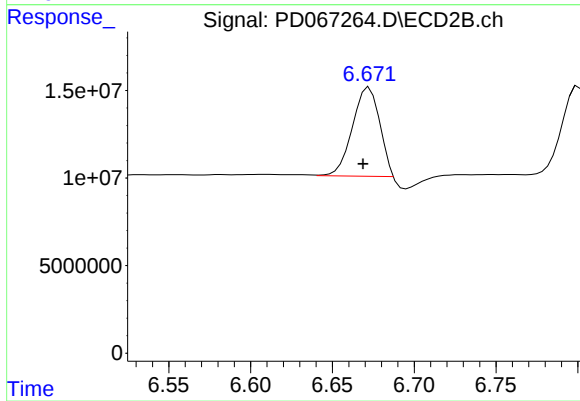
#13 Dieldrin

R.T.: 6.455 min  
Delta R.T.: 0.003 min  
Response: 86308349  
Conc: 11.77 ng/ml



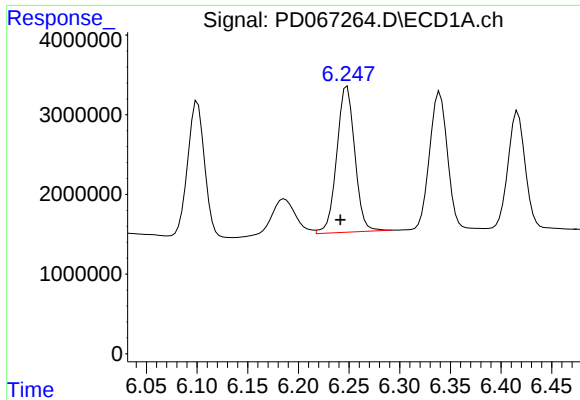
#14 Endrin

R.T.: 5.975 min  
Delta R.T.: 0.007 min  
Response: 25141613  
Conc: 11.01 ng/ml



#14 Endrin

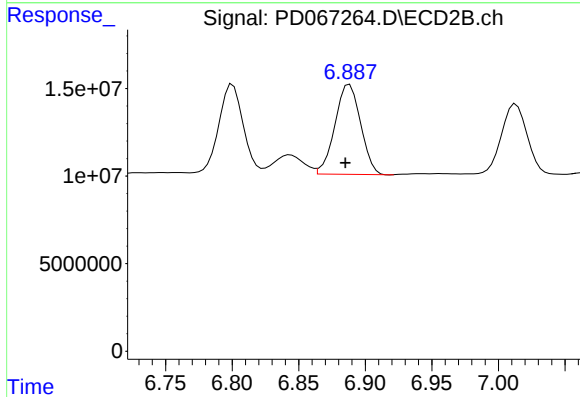
R.T.: 6.671 min  
Delta R.T.: 0.002 min  
Response: 58610071  
Conc: 10.44 ng/ml m



#15 Endosulfan II

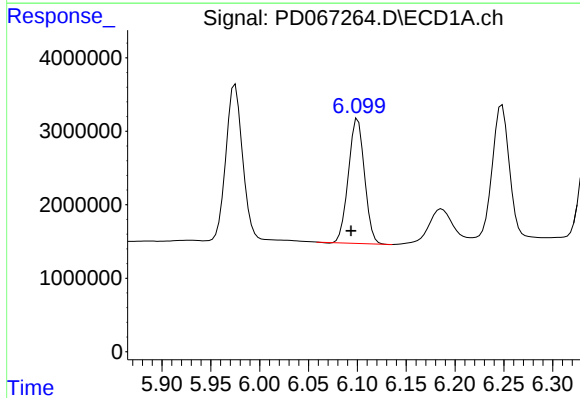
R.T.: 6.248 min  
Delta R.T.: 0.007 min  
Response: 22732988  
Conc: 10.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB141264BSD



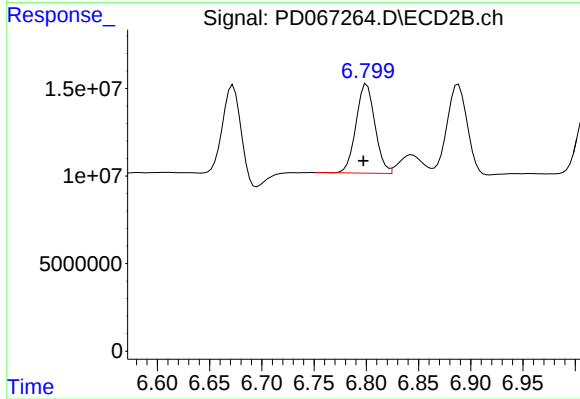
#15 Endosulfan II

R.T.: 6.888 min  
Delta R.T.: 0.003 min  
Response: 68769243  
Conc: 11.46 ng/ml



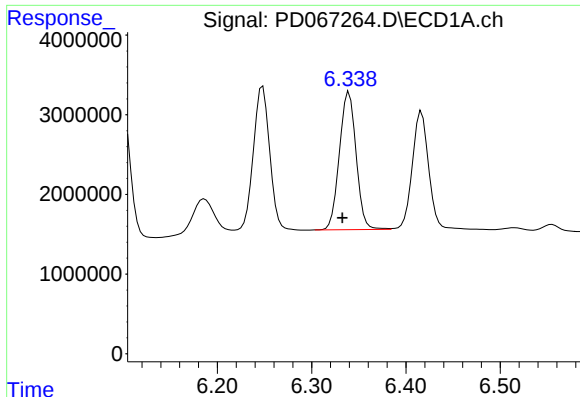
#16 4,4'-DDD

R.T.: 6.101 min  
Delta R.T.: 0.007 min  
Response: 19497981  
Conc: 9.28 ng/ml



#16 4,4'-DDD

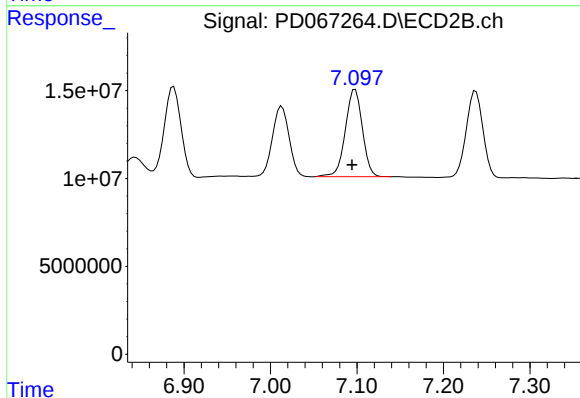
R.T.: 6.800 min  
Delta R.T.: 0.003 min  
Response: 64283537  
Conc: 10.99 ng/ml



#17 4,4'-DDT

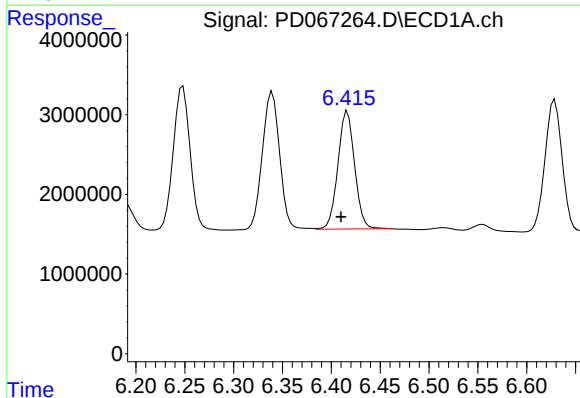
R.T.: 6.340 min  
Delta R.T.: 0.007 min  
Response: 21317389  
Conc: 10.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB141264BSD



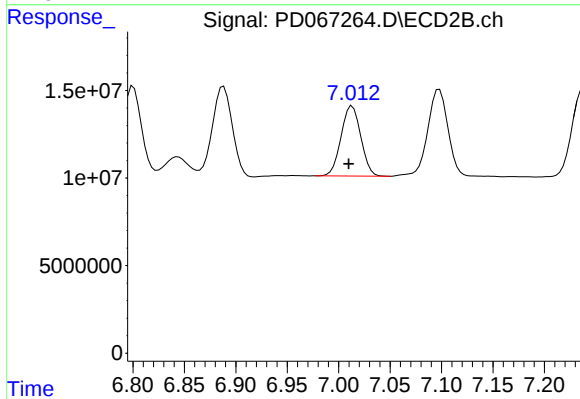
#17 4,4'-DDT

R.T.: 7.098 min  
Delta R.T.: 0.004 min  
Response: 67683422  
Conc: 11.34 ng/ml



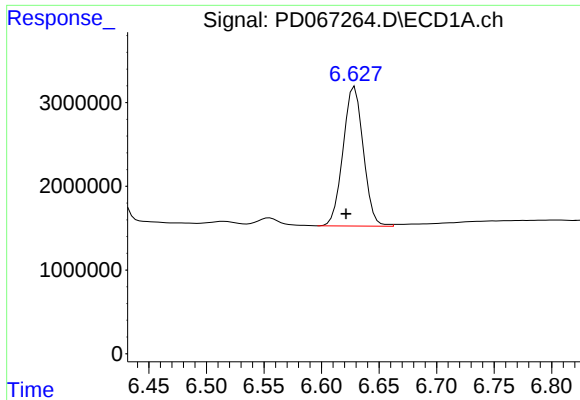
#18 Endrin aldehyde

R.T.: 6.417 min  
Delta R.T.: 0.007 min  
Response: 17666132  
Conc: 10.56 ng/ml



#18 Endrin aldehyde

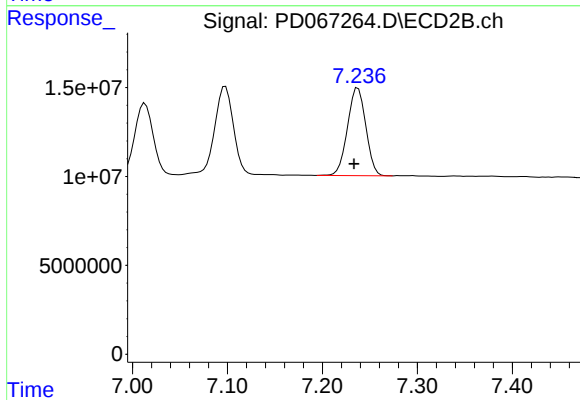
R.T.: 7.013 min  
Delta R.T.: 0.004 min  
Response: 53353501  
Conc: 11.38 ng/ml



#19 Endosulfan Sulfate

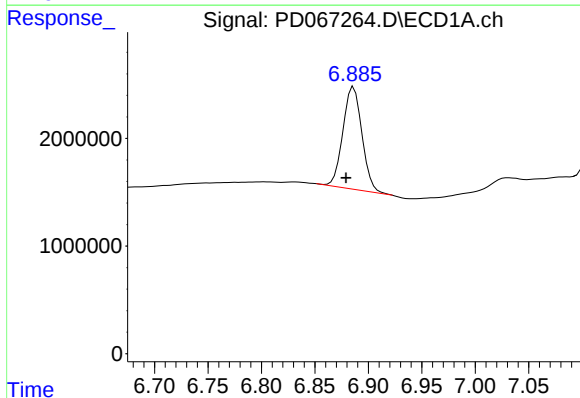
R.T.: 6.629 min  
Delta R.T.: 0.007 min  
Response: 20467385  
Conc: 10.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB141264BSD



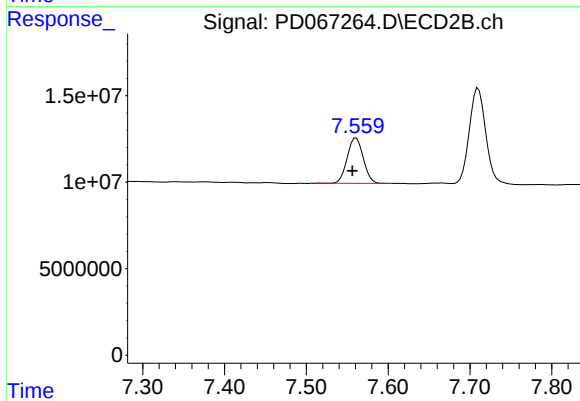
#19 Endosulfan Sulfate

R.T.: 7.237 min  
Delta R.T.: 0.004 min  
Response: 66198624  
Conc: 11.03 ng/ml



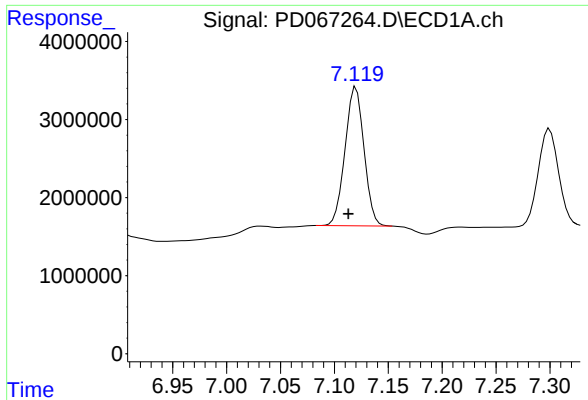
#20 Methoxychlor

R.T.: 6.886 min  
Delta R.T.: 0.007 min  
Response: 11713265  
Conc: 10.56 ng/ml



#20 Methoxychlor

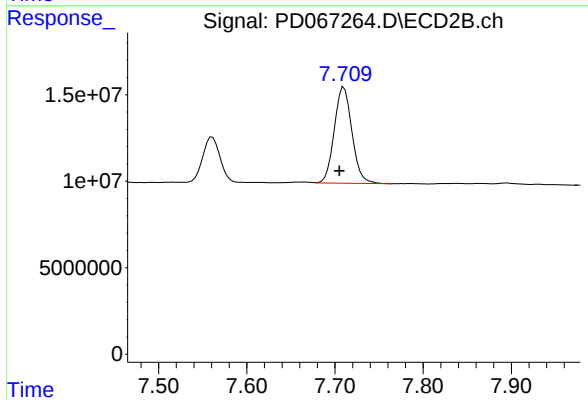
R.T.: 7.561 min  
Delta R.T.: 0.004 min  
Response: 35456125  
Conc: 11.01 ng/ml



#21 Endrin ketone

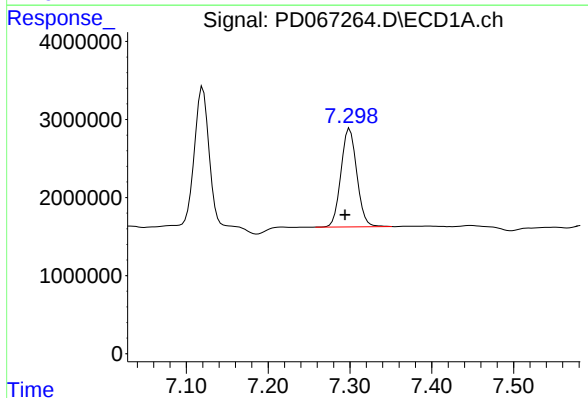
R.T.: 7.120 min  
Delta R.T.: 0.007 min  
Response: 21802117  
Conc: 9.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB141264BSD



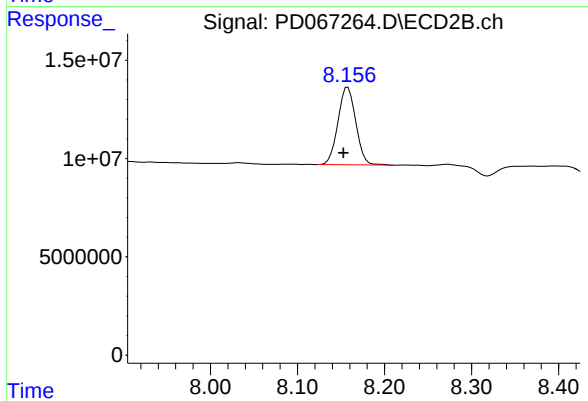
#21 Endrin ketone

R.T.: 7.710 min  
Delta R.T.: 0.005 min  
Response: 77382616  
Conc: 10.70 ng/ml



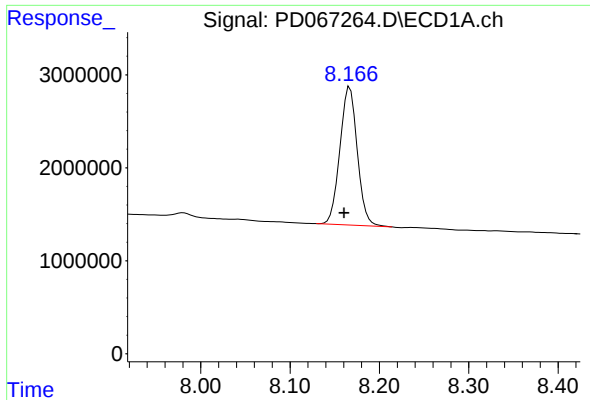
#22 Mirex

R.T.: 7.300 min  
Delta R.T.: 0.006 min  
Response: 16925631  
Conc: 10.55 ng/ml



#22 Mirex

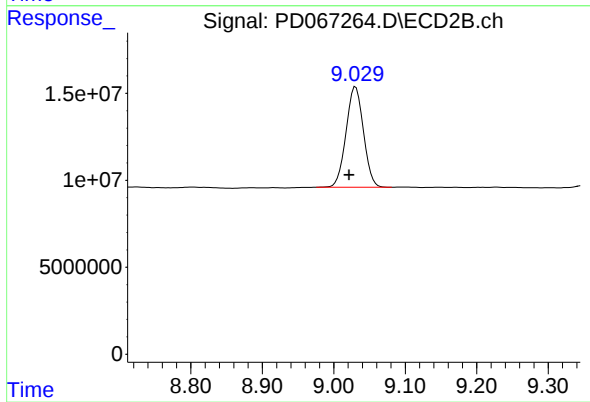
R.T.: 8.158 min  
Delta R.T.: 0.005 min  
Response: 56079743  
Conc: 11.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.167 min  
Delta R.T.: 0.007 min  
Response: 20026430  
Conc: 17.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB141264BSD



#28 Decachlorobiphenyl

R.T.: 9.031 min  
Delta R.T.: 0.009 min  
Response: 97911804  
Conc: 19.48 ng/ml