

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042922\  
 Data File : PD069302.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Apr 2022 17:21  
 Operator : AR\AJ  
 Sample : PB144459BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB144459BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 30 00:52:59 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041622.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 18 13:40:55 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 | 4.171 | 24050052 | 230.1E6 | 21.665 | 21.466 |
| 28)                         | SA Decachlor... | 8.199 | 9.366 | 27744888 | 143.0E6 | 22.220 | 21.857 |
| Target Compounds            |                 |       |       |          |         |        |        |
| 2)                          | A alpha-BHC     | 3.883 | 4.567 | 91552676 | 792.1E6 | 56.106 | 51.369 |
| 3)                          | MA gamma-BHC... | 4.166 | 4.858 | 87964017 | 714.9E6 | 51.423 | 50.627 |
| 4)                          | MA Heptachlor   | 4.464 | 5.385 | 82222663 | 700.3E6 | 55.443 | 51.258 |
| 5)                          | MB Aldrin       | 4.711 | 5.698 | 84386273 | 701.1E6 | 57.946 | 53.054 |
| 6)                          | B beta-BHC      | 4.417 | 5.021 | 35755475 | 301.1E6 | 51.430 | 49.016 |
| 7)                          | B delta-BHC     | 4.621 | 5.247 | 85199527 | 699.4E6 | 57.435 | 52.155 |
| 8)                          | B Heptachlo...  | 5.155 | 6.086 | 76648520 | 609.2E6 | 55.916 | 51.482 |
| 9)                          | A Endosulfan I  | 5.493 | 6.449 | 70627665 | 554.0E6 | 54.730 | 51.291 |
| 10)                         | B gamma-Chl...  | 5.380 | 6.323 | 77376184 | 611.4E6 | 55.663 | 52.508 |
| 11)                         | B alpha-Chl...  | 5.439 | 6.397 | 76237825 | 593.7E6 | 55.434 | 51.904 |
| 12)                         | B 4,4'-DDE      | 5.605 | 6.547 | 72038289 | 568.4E6 | 56.932 | 52.622 |
| 13)                         | MA Dieldrin     | 5.737 | 6.707 | 78125594 | 600.6E6 | 57.899 | 53.873 |
| 14)                         | MA Endrin       | 5.994 | 6.927 | 69761761 | 508.3E6 | 57.699 | 56.041 |
| 15)                         | B Endosulfa...  | 6.268 | 7.132 | 68072558 | 501.9E6 | 58.825 | 58.011 |
| 16)                         | A 4,4'-DDD      | 6.122 | 7.038 | 61365799 | 474.8E6 | 56.301 | 55.126 |
| 17)                         | MA 4,4'-DDT     | 6.362 | 7.342 | 60107595 | 445.8E6 | 55.905 | 51.397 |
| 18)                         | B Endrin al...  | 6.439 | 7.257 | 55350759 | 398.8E6 | 59.969 | 57.688 |
| 19)                         | B Endosulfa...  | 6.650 | 7.481 | 66884583 | 451.9E6 | 55.294 | 52.933 |
| 20)                         | A Methoxychlor  | 6.912 | 7.795 | 34781762 | 225.9E6 | 54.753 | 52.398 |
| 21)                         | B Endrin ke...  | 7.144 | 7.957 | 76643193 | 468.0E6 | 54.434 | 51.764 |
| 22)                         | Mirex           | 7.328 | 8.422 | 59115676 | 321.9E6 | 51.964 | 49.935 |
| -----                       |                 |       |       |          |         |        |        |

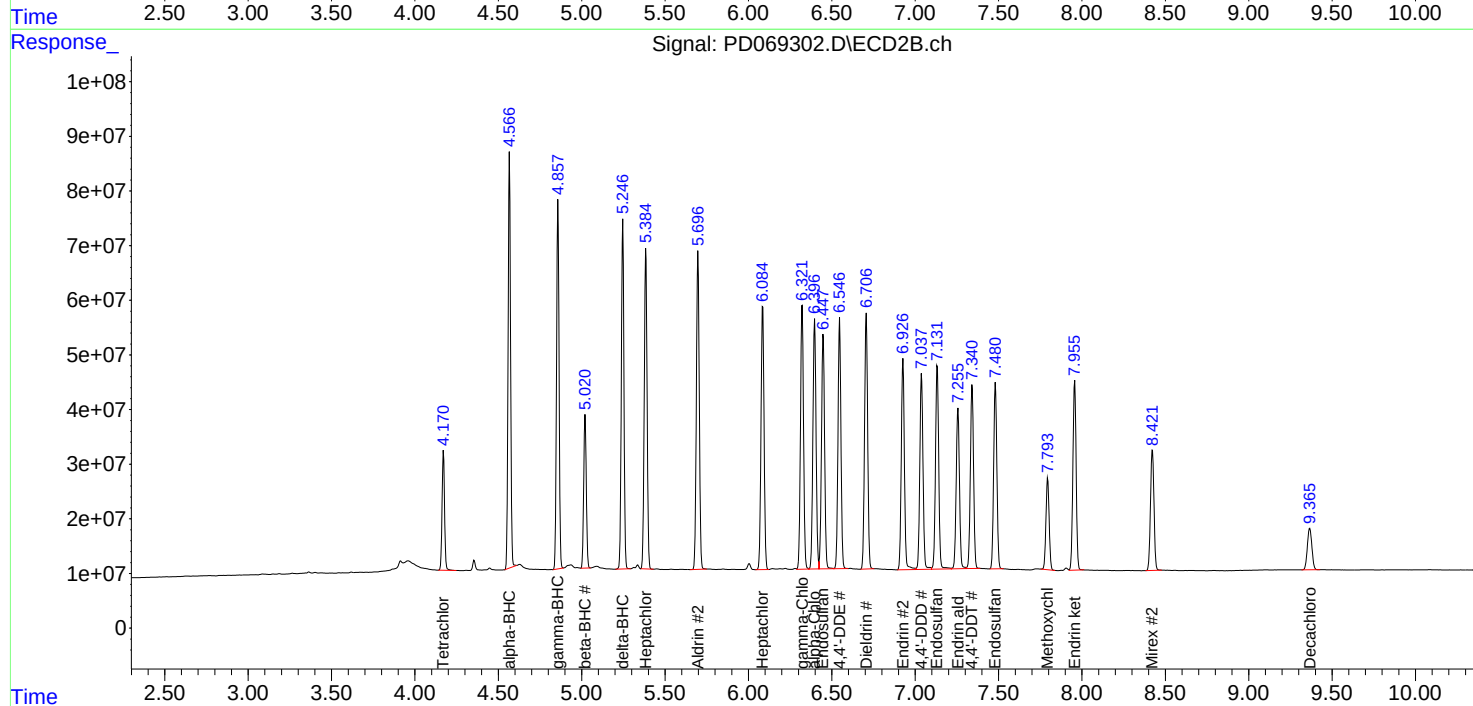
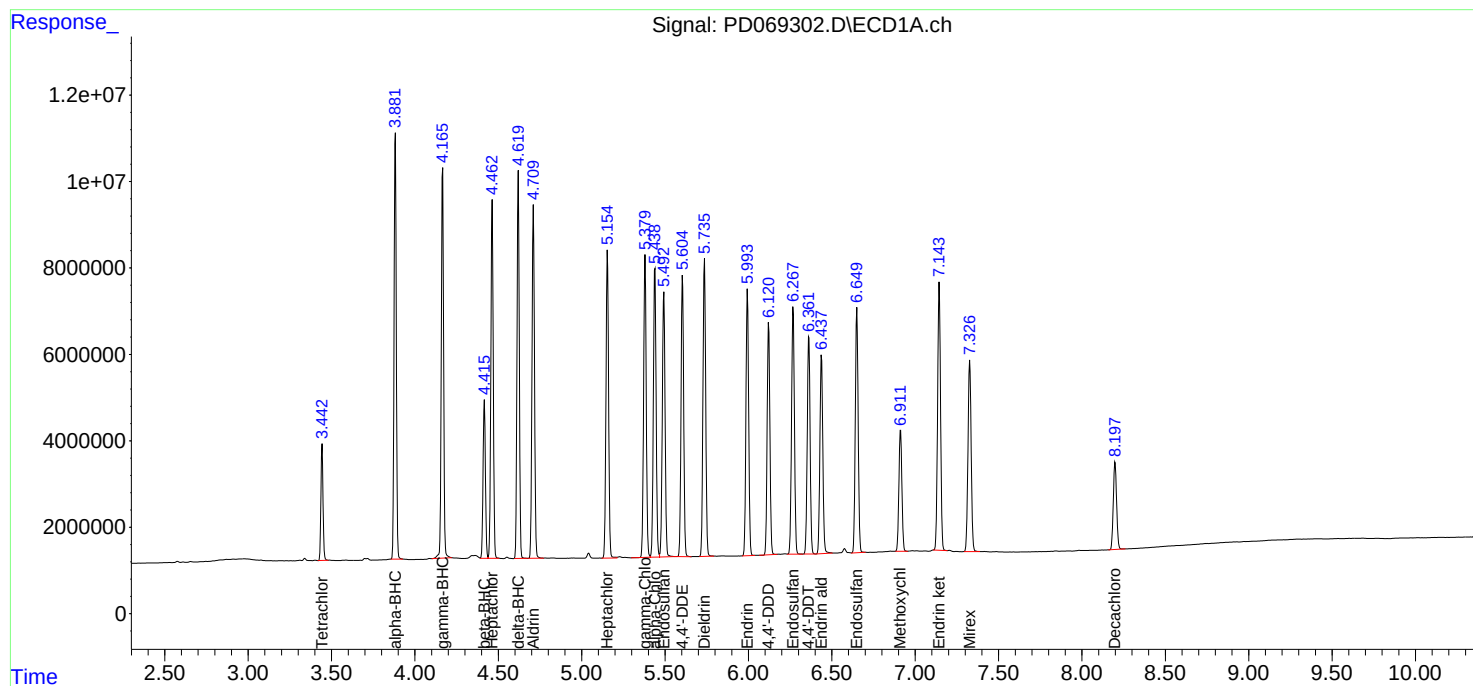
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

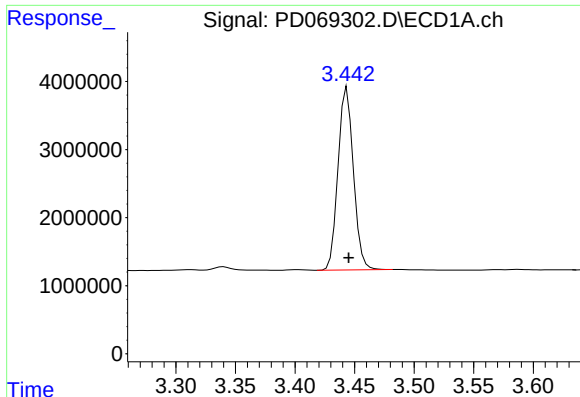
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042922\  
Data File : PD069302.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Apr 2022 17:21  
Operator : AR\AJ  
Sample : PB144459BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PB144459BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 00:52:59 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041622.M  
Quant Title : GC Extractables  
QLast Update : Mon Apr 18 13:40:55 2022  
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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

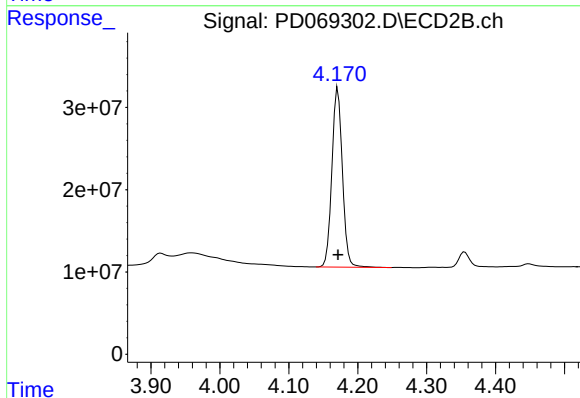




#1 Tetrachloro-m-xylene

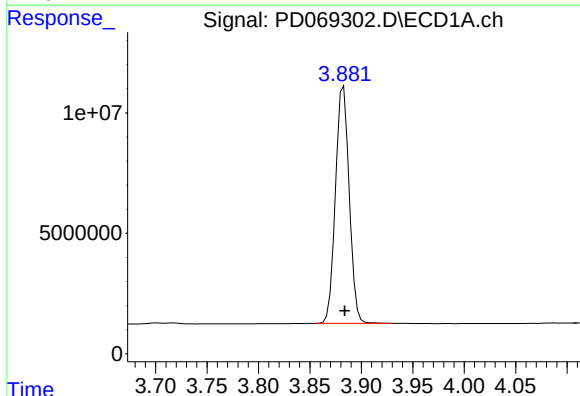
R.T.: 3.444 min  
Delta R.T.: -0.001 min  
Response: 24050052  
Conc: 21.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB144459BS



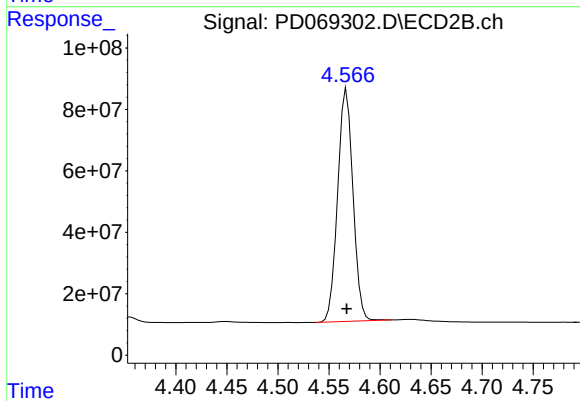
#1 Tetrachloro-m-xylene

R.T.: 4.171 min  
Delta R.T.: 0.000 min  
Response: 230148372  
Conc: 21.47 ng/ml



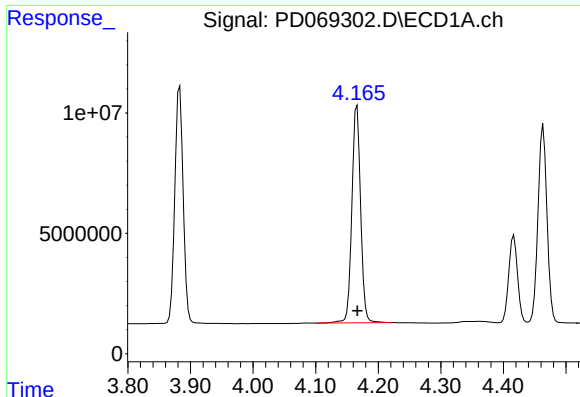
#2 alpha-BHC

R.T.: 3.883 min  
Delta R.T.: -0.001 min  
Response: 91552676  
Conc: 56.11 ng/ml



#2 alpha-BHC

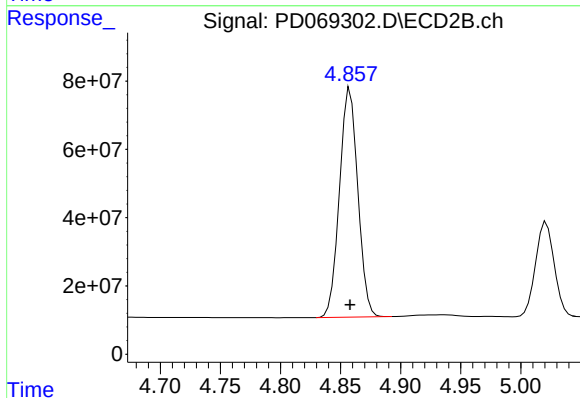
R.T.: 4.567 min  
Delta R.T.: 0.000 min  
Response: 792117185  
Conc: 51.37 ng/ml



#3 gamma-BHC (Lindane)

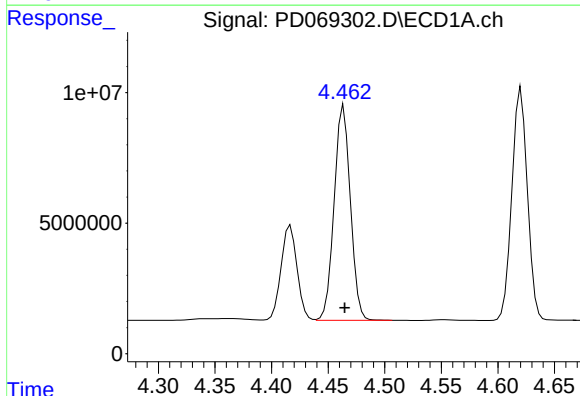
R.T.: 4.166 min  
Delta R.T.: 0.000 min  
Response: 87964017  
Conc: 51.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB144459BS



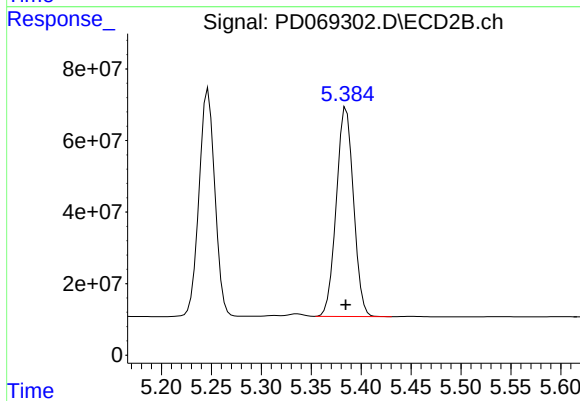
#3 gamma-BHC (Lindane)

R.T.: 4.858 min  
Delta R.T.: 0.000 min  
Response: 714880081  
Conc: 50.63 ng/ml



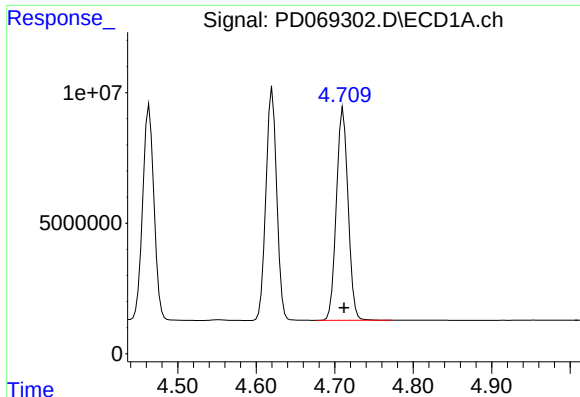
#4 Heptachlor

R.T.: 4.464 min  
Delta R.T.: 0.000 min  
Response: 82222663  
Conc: 55.44 ng/ml



#4 Heptachlor

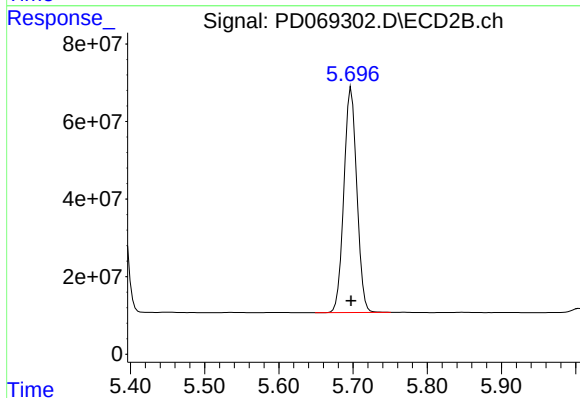
R.T.: 5.385 min  
Delta R.T.: 0.000 min  
Response: 700281078  
Conc: 51.26 ng/ml



#5 Aldrin

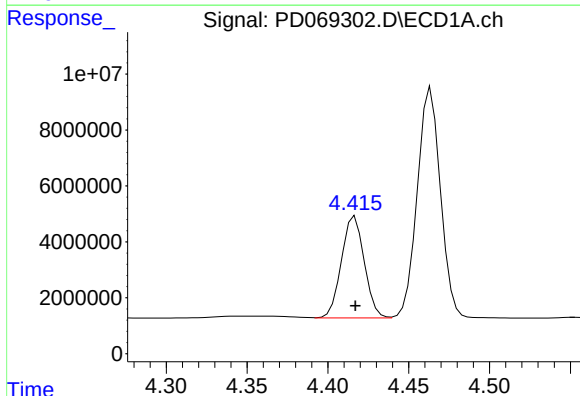
R.T.: 4.711 min  
Delta R.T.: -0.001 min  
Response: 84386273  
Conc: 57.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB144459BS



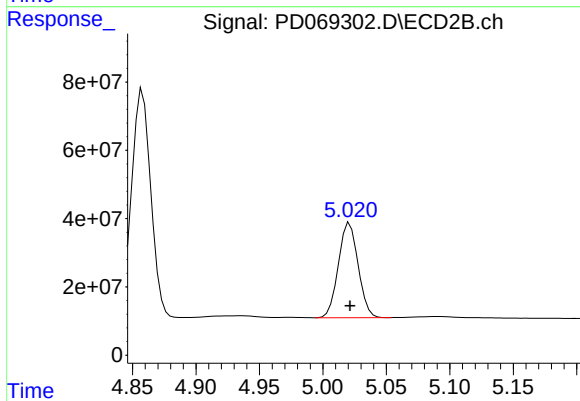
#5 Aldrin

R.T.: 5.698 min  
Delta R.T.: 0.000 min  
Response: 701114732  
Conc: 53.05 ng/ml



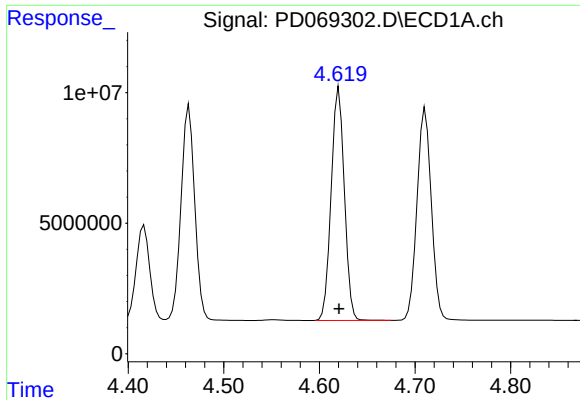
#6 beta-BHC

R.T.: 4.417 min  
Delta R.T.: 0.000 min  
Response: 35755475  
Conc: 51.43 ng/ml



#6 beta-BHC

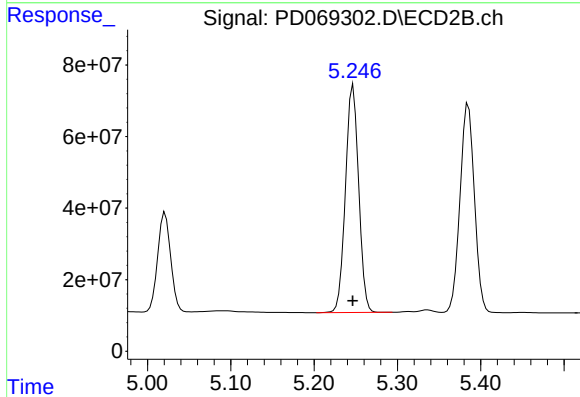
R.T.: 5.021 min  
Delta R.T.: 0.000 min  
Response: 301134861  
Conc: 49.02 ng/ml



#7 delta-BHC

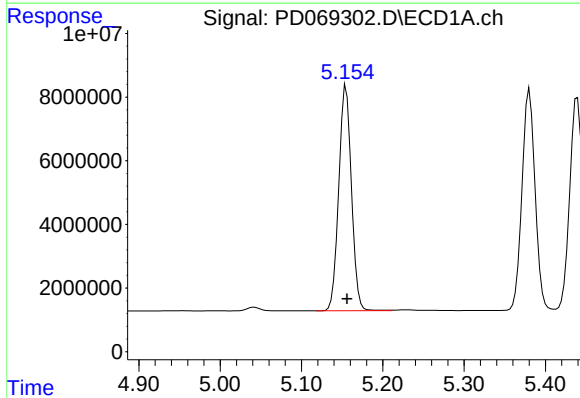
R.T.: 4.621 min  
Delta R.T.: 0.000 min  
Response: 85199527  
Conc: 57.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB144459BS



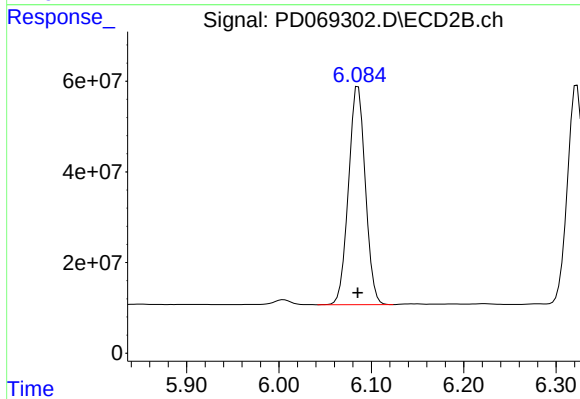
#7 delta-BHC

R.T.: 5.247 min  
Delta R.T.: 0.000 min  
Response: 699445928  
Conc: 52.16 ng/ml



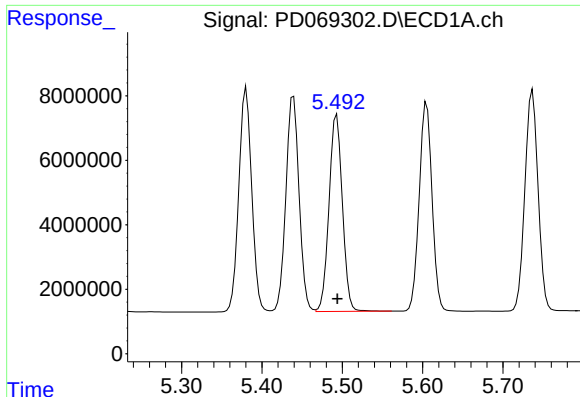
#8 Heptachlor epoxide

R.T.: 5.155 min  
Delta R.T.: -0.001 min  
Response: 76648520  
Conc: 55.92 ng/ml



#8 Heptachlor epoxide

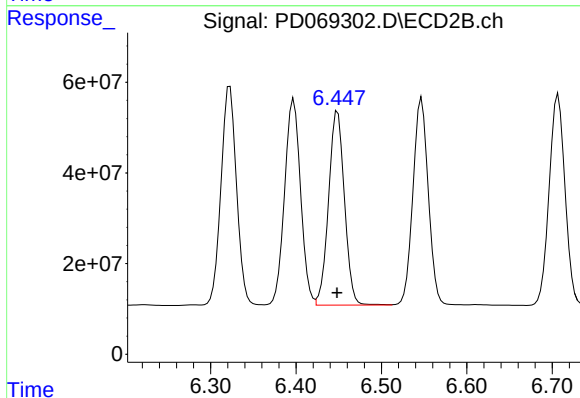
R.T.: 6.086 min  
Delta R.T.: 0.000 min  
Response: 609240681  
Conc: 51.48 ng/ml



#9 Endosulfan I

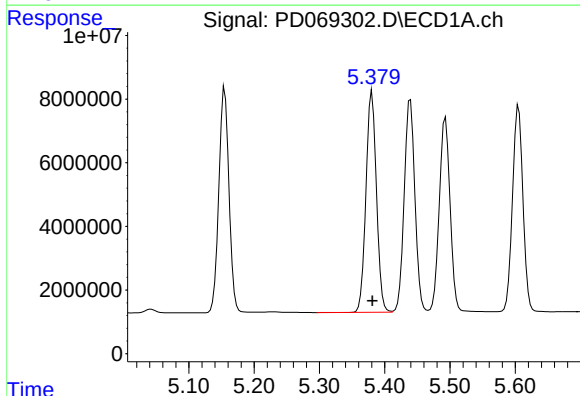
R.T.: 5.493 min  
Delta R.T.: 0.000 min  
Response: 70627665  
Conc: 54.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB144459BS



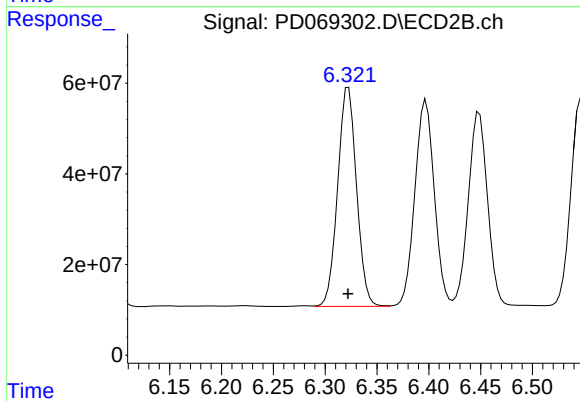
#9 Endosulfan I

R.T.: 6.449 min  
Delta R.T.: 0.000 min  
Response: 553950435  
Conc: 51.29 ng/ml



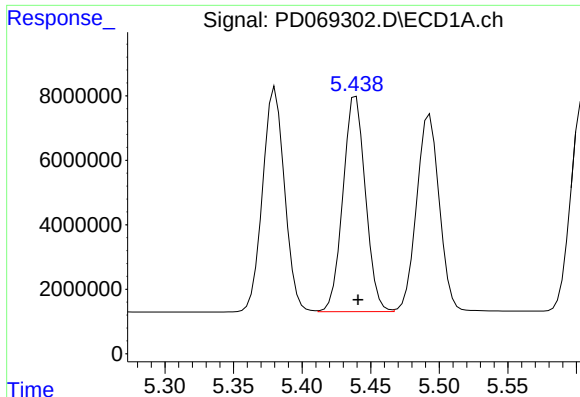
#10 gamma-Chlordane

R.T.: 5.380 min  
Delta R.T.: 0.000 min  
Response: 77376184  
Conc: 55.66 ng/ml



#10 gamma-Chlordane

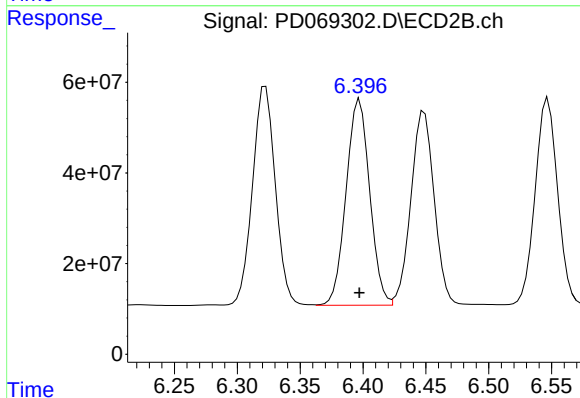
R.T.: 6.323 min  
Delta R.T.: 0.000 min  
Response: 611411353  
Conc: 52.51 ng/ml



#11 alpha-Chlordane

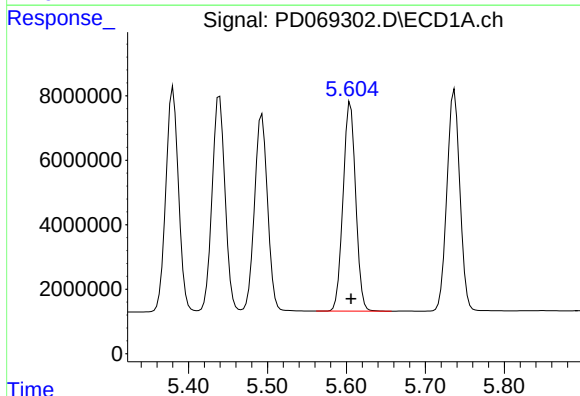
R.T.: 5.439 min  
Delta R.T.: -0.001 min  
Response: 76237825  
Conc: 55.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB144459BS



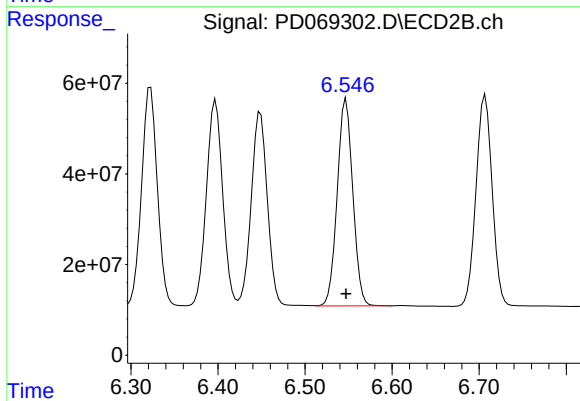
#11 alpha-Chlordane

R.T.: 6.397 min  
Delta R.T.: 0.000 min  
Response: 593650232  
Conc: 51.90 ng/ml



#12 4,4'-DDE

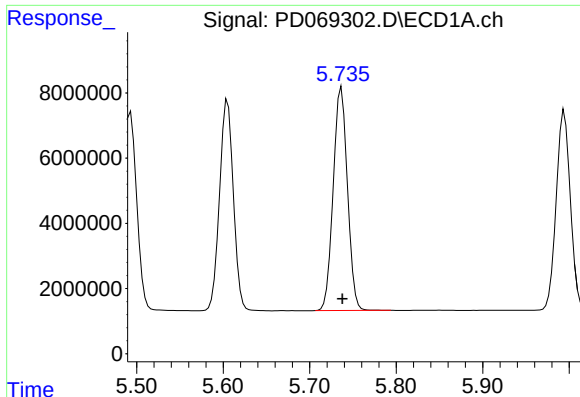
R.T.: 5.605 min  
Delta R.T.: 0.000 min  
Response: 72038289  
Conc: 56.93 ng/ml



#12 4,4'-DDE

R.T.: 6.547 min  
Delta R.T.: 0.000 min  
Response: 568444323  
Conc: 52.62 ng/ml

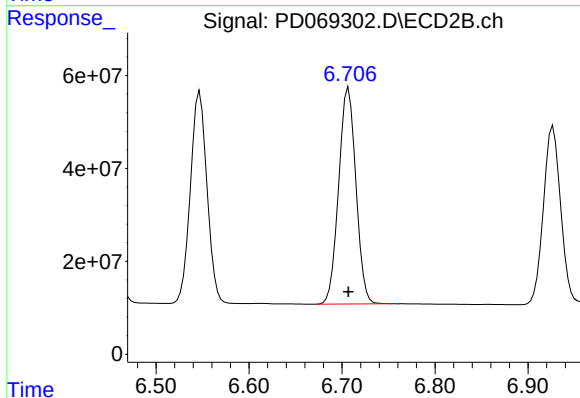




#13 Dieldrin

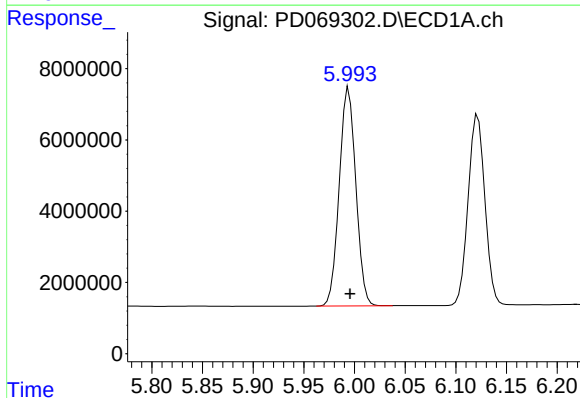
R.T.: 5.737 min  
Delta R.T.: -0.001 min  
Response: 78125594  
Conc: 57.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB144459BS



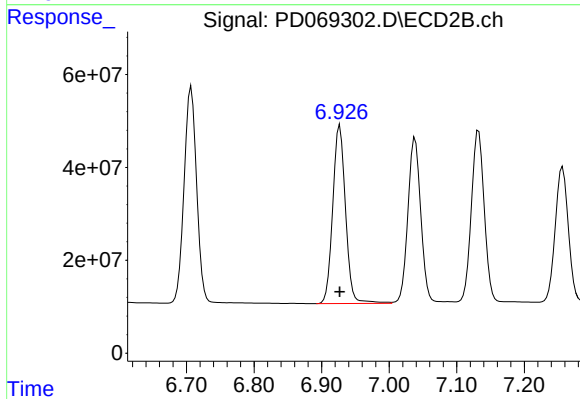
#13 Dieldrin

R.T.: 6.707 min  
Delta R.T.: 0.000 min  
Response: 600575162  
Conc: 53.87 ng/ml



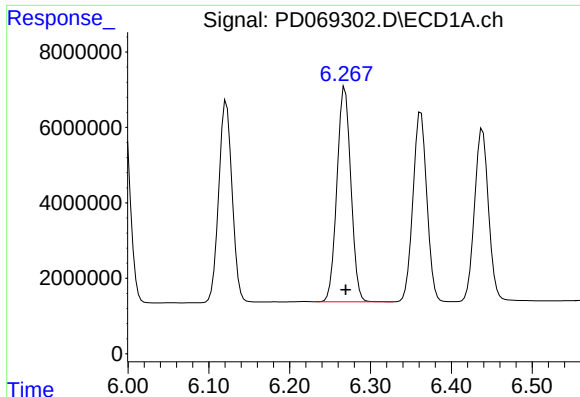
#14 Endrin

R.T.: 5.994 min  
Delta R.T.: -0.001 min  
Response: 69761761  
Conc: 57.70 ng/ml



#14 Endrin

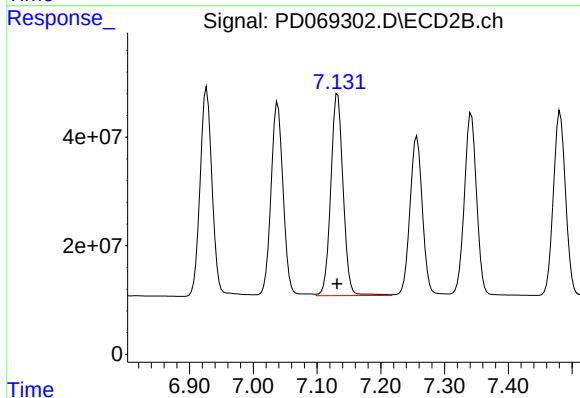
R.T.: 6.927 min  
Delta R.T.: 0.000 min  
Response: 508298349  
Conc: 56.04 ng/ml



#15 Endosulfan II

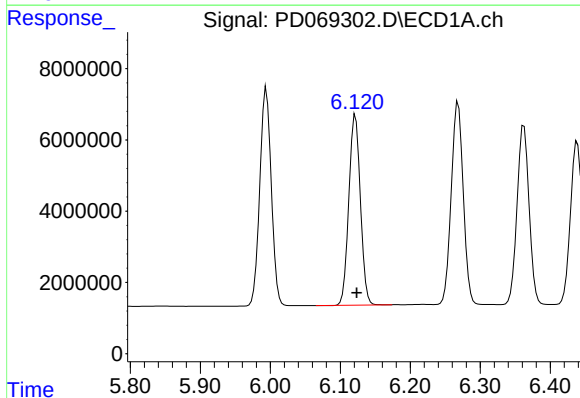
R.T.: 6.268 min  
Delta R.T.: -0.001 min  
Response: 68072558  
Conc: 58.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB144459BS



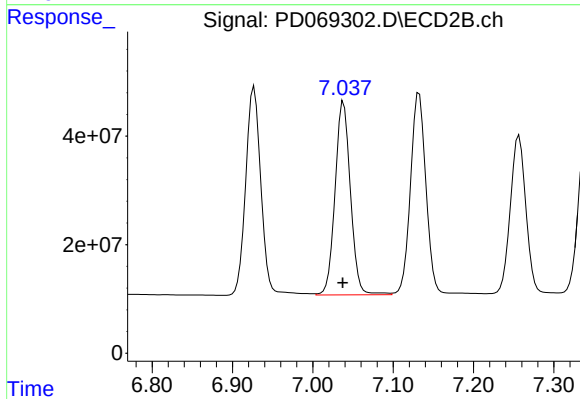
#15 Endosulfan II

R.T.: 7.132 min  
Delta R.T.: 0.000 min  
Response: 501908105  
Conc: 58.01 ng/ml



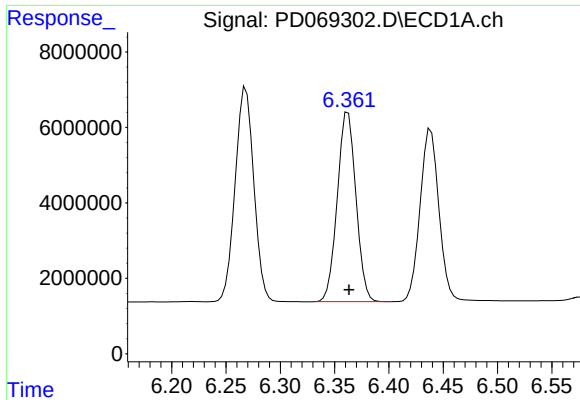
#16 4,4'-DDD

R.T.: 6.122 min  
Delta R.T.: -0.002 min  
Response: 61365799  
Conc: 56.30 ng/ml



#16 4,4'-DDD

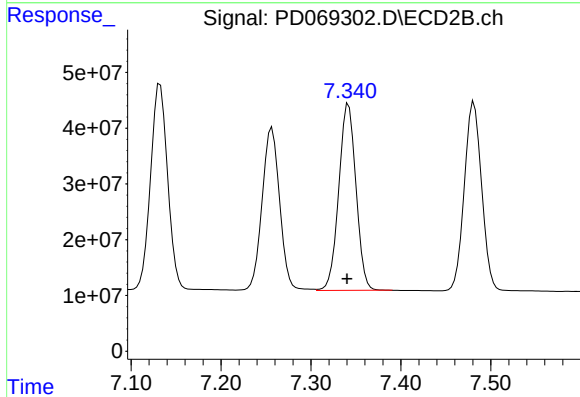
R.T.: 7.038 min  
Delta R.T.: 0.000 min  
Response: 474819148  
Conc: 55.13 ng/ml



#17 4,4'-DDT

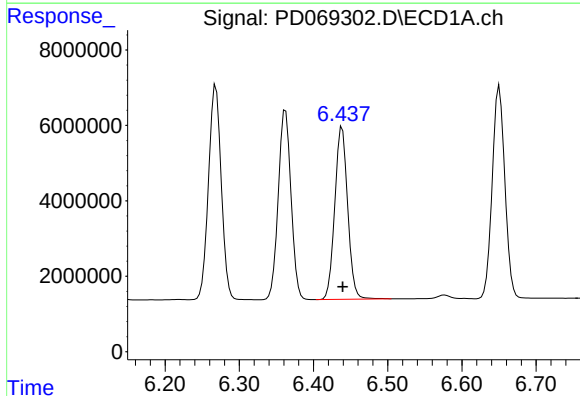
R.T.: 6.362 min  
Delta R.T.: 0.000 min  
Response: 60107595  
Conc: 55.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB144459BS



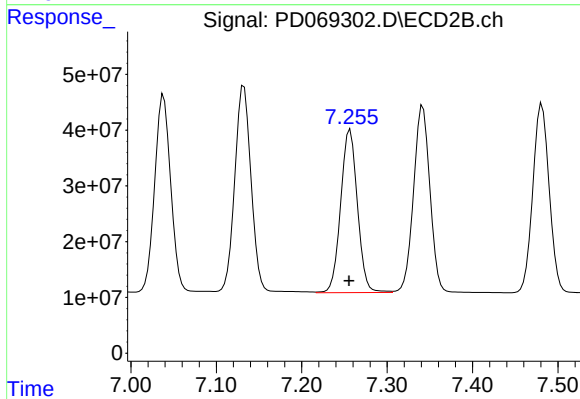
#17 4,4'-DDT

R.T.: 7.342 min  
Delta R.T.: 0.002 min  
Response: 445804769  
Conc: 51.40 ng/ml



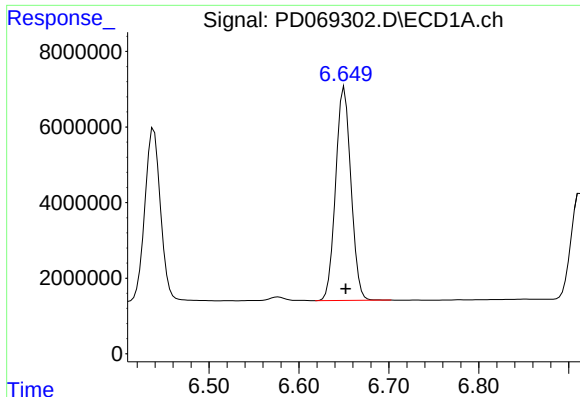
#18 Endrin aldehyde

R.T.: 6.439 min  
Delta R.T.: 0.000 min  
Response: 55350759  
Conc: 59.97 ng/ml



#18 Endrin aldehyde

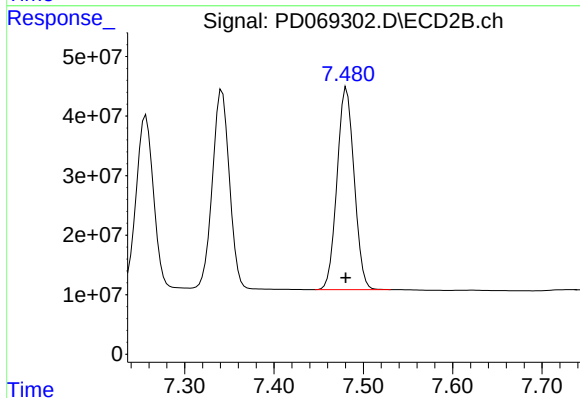
R.T.: 7.257 min  
Delta R.T.: 0.001 min  
Response: 398805452  
Conc: 57.69 ng/ml



#19 Endosulfan Sulfate

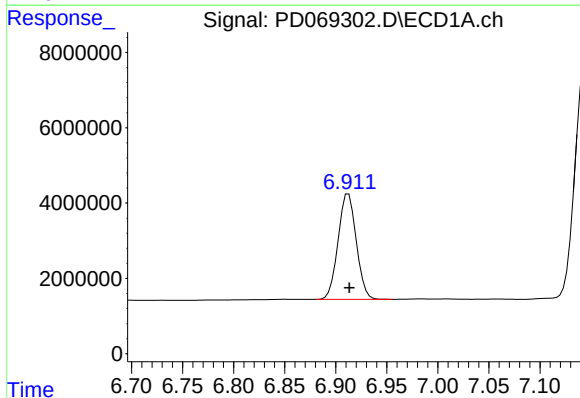
R.T.: 6.650 min  
Delta R.T.: -0.002 min  
Response: 66884583  
Conc: 55.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB144459BS



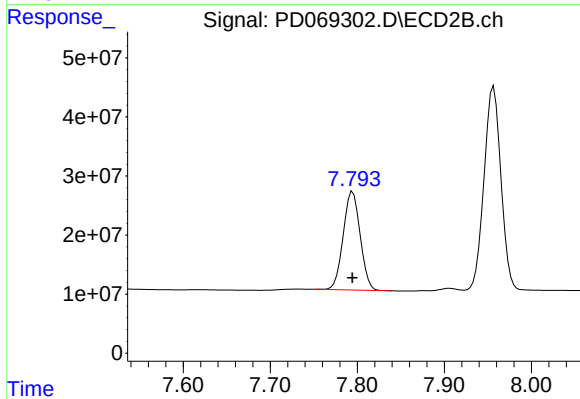
#19 Endosulfan Sulfate

R.T.: 7.481 min  
Delta R.T.: 0.000 min  
Response: 451866882  
Conc: 52.93 ng/ml



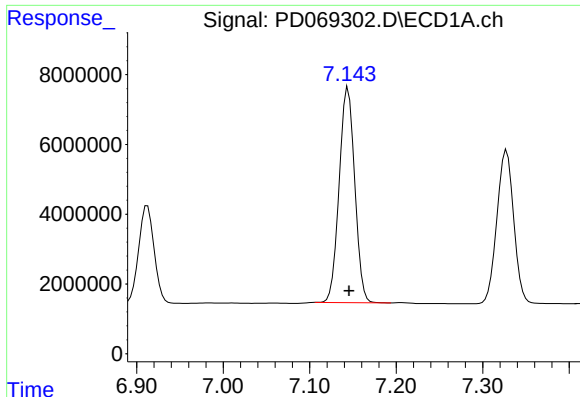
#20 Methoxychlor

R.T.: 6.912 min  
Delta R.T.: -0.001 min  
Response: 34781762  
Conc: 54.75 ng/ml



#20 Methoxychlor

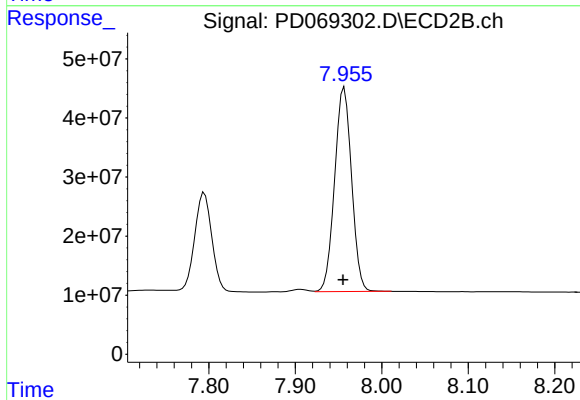
R.T.: 7.795 min  
Delta R.T.: 0.000 min  
Response: 225894357  
Conc: 52.40 ng/ml



#21 Endrin ketone

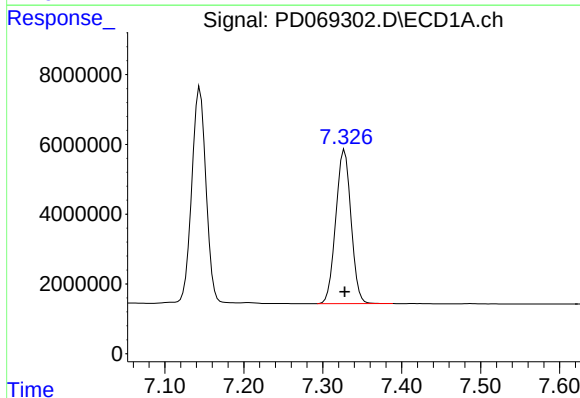
R.T.: 7.144 min  
Delta R.T.: 0.000 min  
Response: 76643193  
Conc: 54.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB144459BS



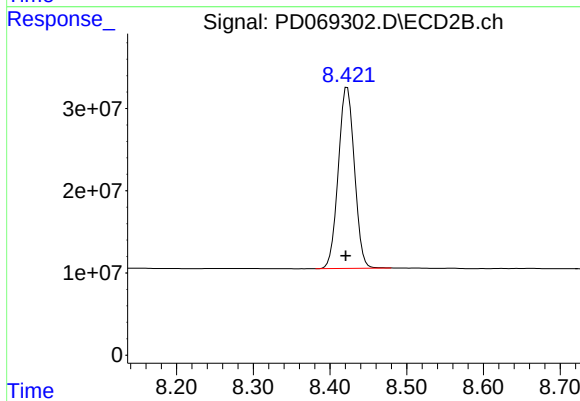
#21 Endrin ketone

R.T.: 7.957 min  
Delta R.T.: 0.002 min  
Response: 468029914  
Conc: 51.76 ng/ml



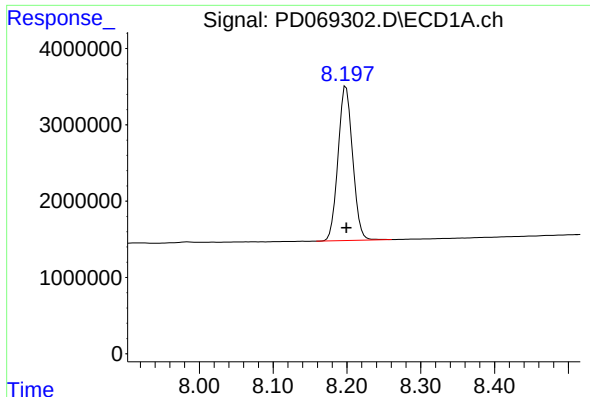
#22 Mirex

R.T.: 7.328 min  
Delta R.T.: 0.000 min  
Response: 59115676  
Conc: 51.96 ng/ml



#22 Mirex

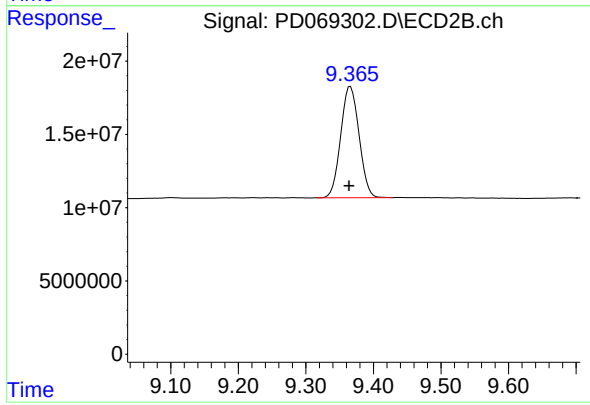
R.T.: 8.422 min  
Delta R.T.: 0.002 min  
Response: 321897263  
Conc: 49.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.199 min  
Delta R.T.: 0.000 min  
Response: 27744888  
Conc: 22.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB144459BS



#28 Decachlorobiphenyl

R.T.: 9.366 min  
Delta R.T.: 0.002 min  
Response: 143033644  
Conc: 21.86 ng/ml