

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD032622\  
 Data File : PD068777.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Mar 2022 17:52  
 Operator : AR\AJ  
 Sample : N2077-04MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 26 00:04:32 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... | 3.448 | 4.175 | 23340528 | 195.6E6 | 19.223   | 20.456    |
| 28)                         | SA Decachlor... | 8.209 | 9.375 | 25415259 | 128.1E6 | 20.117   | 22.614    |
| Target Compounds            |                 |       |       |          |         |          |           |
| 2)                          | A alpha-BHC     | 3.888 | 4.571 | 99534272 | 752.2E6 | 54.974   | 54.658    |
| 3)                          | MA gamma-BHC... | 4.172 | 4.862 | 90702288 | 677.5E6 | 54.320   | 54.183    |
| 4)                          | MA Heptachlor   | 4.470 | 5.390 | 84649400 | 627.4E6 | 51.381   | 52.788    |
| 5)                          | MB Aldrin       | 4.718 | 5.703 | 88574498 | 627.0E6 | 55.424   | 54.625    |
| 6)                          | B beta-BHC      | 4.422 | 5.025 | 36803887 | 274.7E6 | 49.430   | 50.035    |
| 7)                          | B delta-BHC     | 4.626 | 5.251 | 91595278 | 646.2E6 | 56.048   | 53.737    |
| 8)                          | B Heptachlo...  | 5.163 | 6.091 | 79574775 | 540.5E6 | 53.210   | 51.758    |
| 9)                          | A Endosulfan I  | 5.501 | 6.454 | 72881371 | 500.0E6 | 52.086   | 53.315    |
| 10)                         | B gamma-Chl...  | 5.388 | 6.328 | 91228951 | 555.4E6 | 60.140   | 53.882    |
| 11)                         | B alpha-Chl...  | 5.448 | 6.403 | 78959224 | 531.6E6 | 52.828   | 53.393    |
| 12)                         | B 4,4'-DDE      | 5.613 | 6.552 | 74036740 | 504.2E6 | 54.118   | 54.411    |
| 13)                         | MA Dieldrin     | 5.745 | 6.713 | 79971426 | 541.3E6 | 54.770   | 55.730    |
| 14)                         | MA Endrin       | 6.003 | 6.933 | 75056188 | 446.9E6 | 56.977   | 57.758    |
| 15)                         | B Endosulfa...  | 6.277 | 7.138 | 70489915 | 436.2E6 | 56.557   | 57.713    |
| 16)                         | A 4,4'-DDD      | 6.131 | 7.044 | 63036473 | 408.1E6 | 53.456   | 55.261    |
| 17)                         | MA 4,4'-DDT     | 6.371 | 7.347 | 62306301 | 406.2E6 | 51.837   | 55.289    |
| 18)                         | B Endrin al...  | 6.447 | 7.262 | 56430660 | 350.1E6 | 56.843   | 57.853    |
| 19)                         | B Endosulfa...  | 6.660 | 7.487 | 68826838 | 411.3E6 | 53.821   | 55.916    |
| 20)                         | A Methoxychlor  | 6.922 | 7.800 | 35887994 | 209.7E6 | 51.784   | 57.520    |
| 21)                         | B Endrin ke...  | 7.154 | 7.963 | 77695109 | 429.2E6 | 52.776   | 55.386    |
| 22)                         | Mirex           | 7.338 | 8.429 | 58296225 | 299.4E6 | 49.188   | 54.627    |
| 25)                         | Chlordane-3     | 5.388 | 6.328 | 91228951 | 555.4E6 | 654.286  | 413.349 # |
| 26)                         | Chlordane-4     | 5.448 | 6.403 | 78959224 | 531.6E6 | 667.163  | 341.949 # |
| 27)                         | Chlordane-5     | 6.277 | 0.000 | 70489915 | 0       | 1410.937 | N.D. #    |
| -----                       |                 |       |       |          |         |          |           |

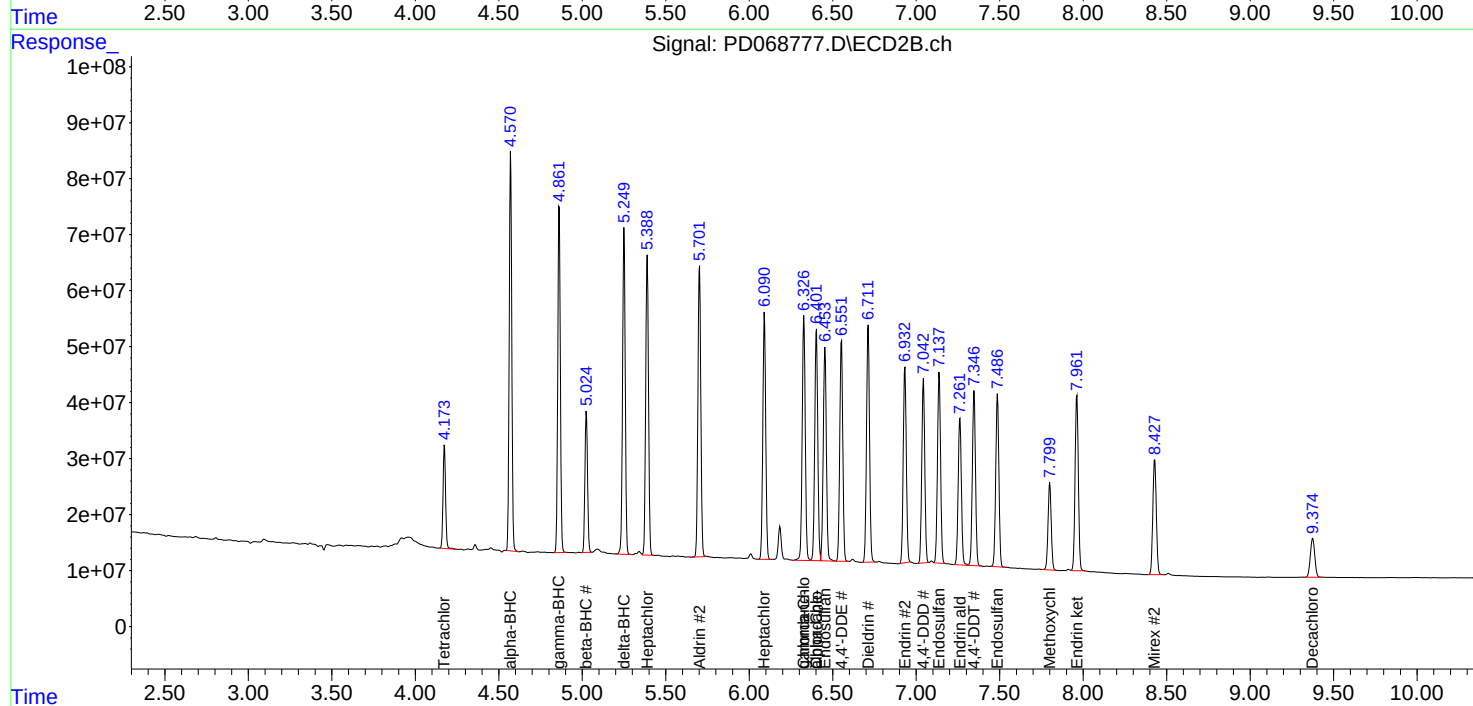
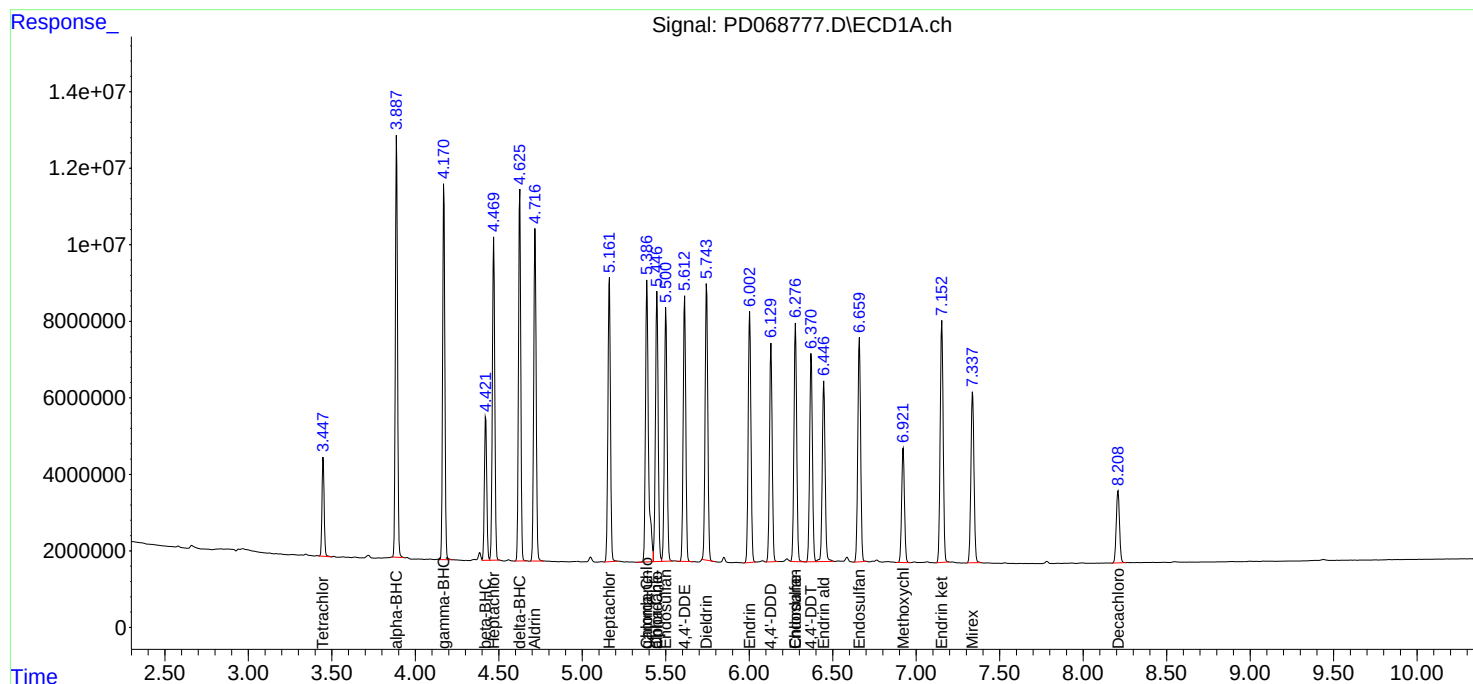
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

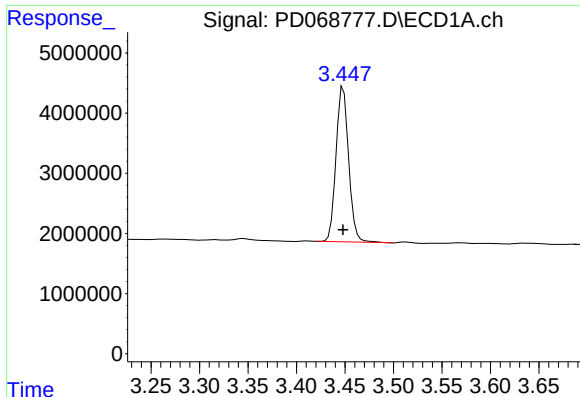
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD032622\  
Data File : PD068777.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Mar 2022 17:52  
Operator : AR\AJ  
Sample : N2077-04MSD  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 26 00:04:32 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

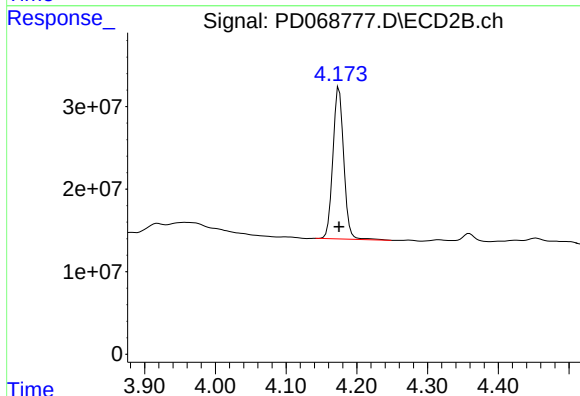




#1 Tetrachloro-m-xylene

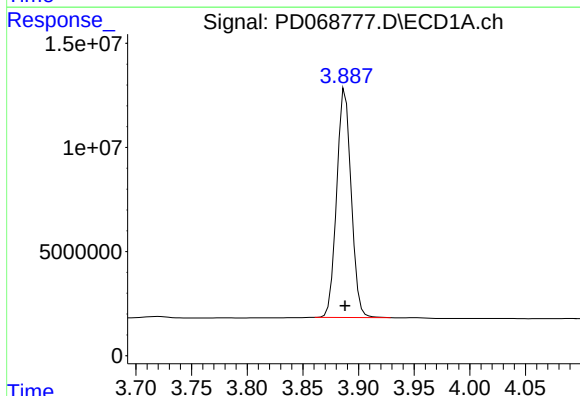
R.T.: 3.448 min  
Delta R.T.: 0.000 min  
Response: 23340528  
Conc: 19.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



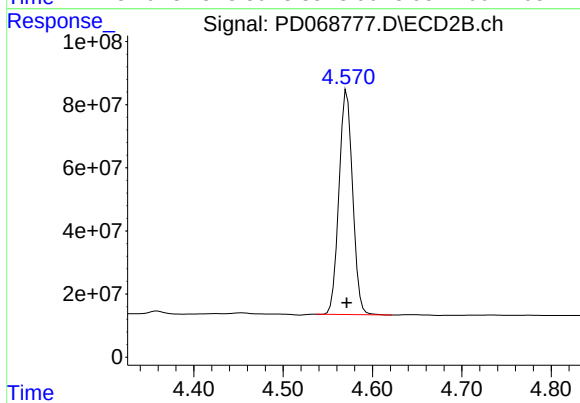
#1 Tetrachloro-m-xylene

R.T.: 4.175 min  
Delta R.T.: 0.000 min  
Response: 195571312  
Conc: 20.46 ng/ml



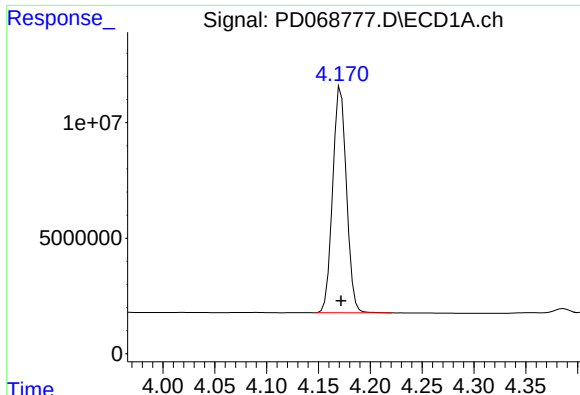
#2 alpha-BHC

R.T.: 3.888 min  
Delta R.T.: 0.000 min  
Response: 99534272  
Conc: 54.97 ng/ml



#2 alpha-BHC

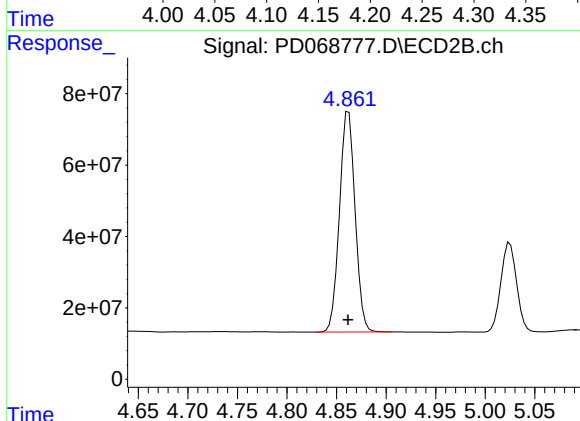
R.T.: 4.571 min  
Delta R.T.: 0.000 min  
Response: 752245798  
Conc: 54.66 ng/ml



#3 gamma-BHC (Lindane)

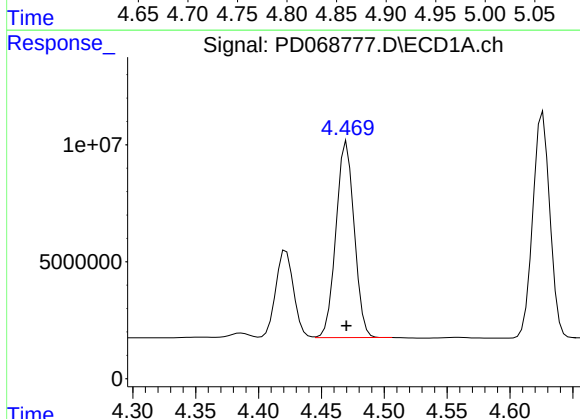
R.T.: 4.172 min  
Delta R.T.: 0.000 min  
Response: 90702288  
Conc: 54.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



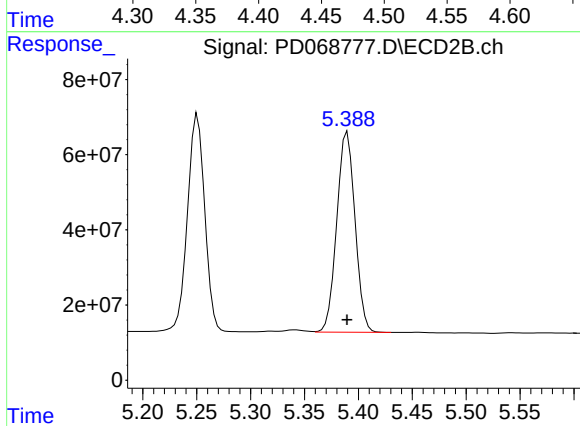
#3 gamma-BHC (Lindane)

R.T.: 4.862 min  
Delta R.T.: 0.000 min  
Response: 677454988  
Conc: 54.18 ng/ml



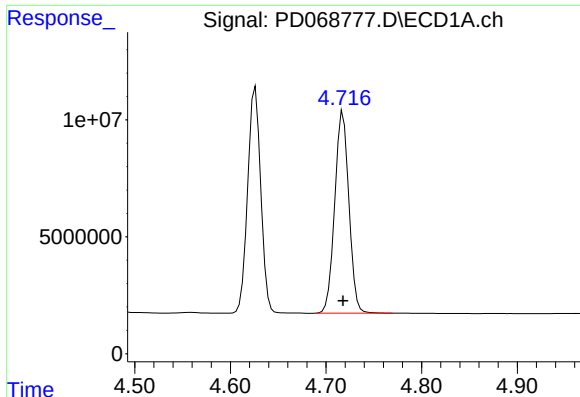
#4 Heptachlor

R.T.: 4.470 min  
Delta R.T.: 0.000 min  
Response: 84649400  
Conc: 51.38 ng/ml



#4 Heptachlor

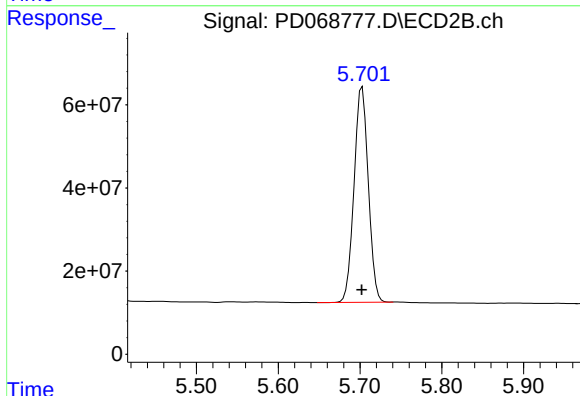
R.T.: 5.390 min  
Delta R.T.: 0.000 min  
Response: 627351385  
Conc: 52.79 ng/ml



#5 Aldrin

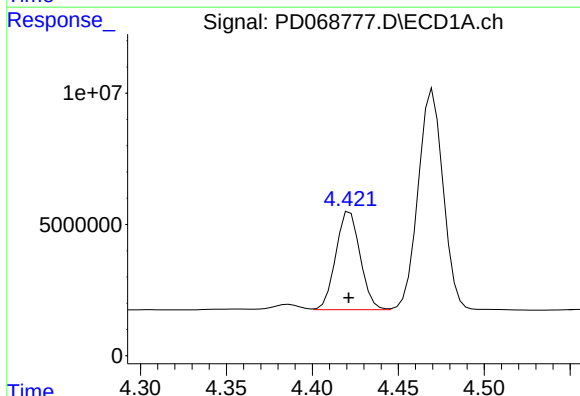
R.T.: 4.718 min  
Delta R.T.: 0.000 min  
Response: 88574498  
Conc: 55.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



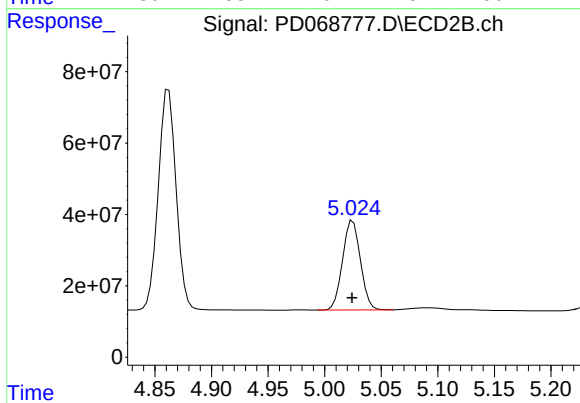
#5 Aldrin

R.T.: 5.703 min  
Delta R.T.: 0.000 min  
Response: 627025143  
Conc: 54.62 ng/ml



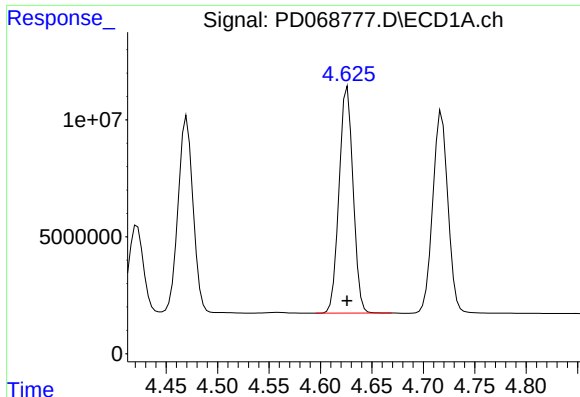
#6 beta-BHC

R.T.: 4.422 min  
Delta R.T.: 0.000 min  
Response: 36803887  
Conc: 49.43 ng/ml



#6 beta-BHC

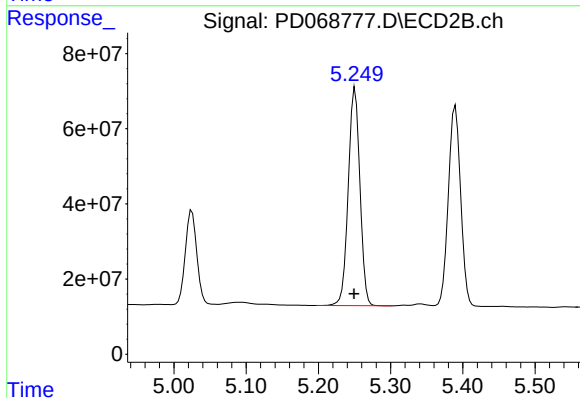
R.T.: 5.025 min  
Delta R.T.: 0.000 min  
Response: 274688554  
Conc: 50.04 ng/ml



#7 delta-BHC

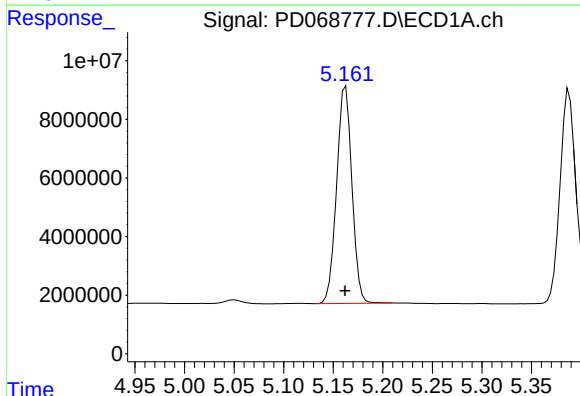
R.T.: 4.626 min  
Delta R.T.: 0.000 min  
Response: 91595278  
Conc: 56.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



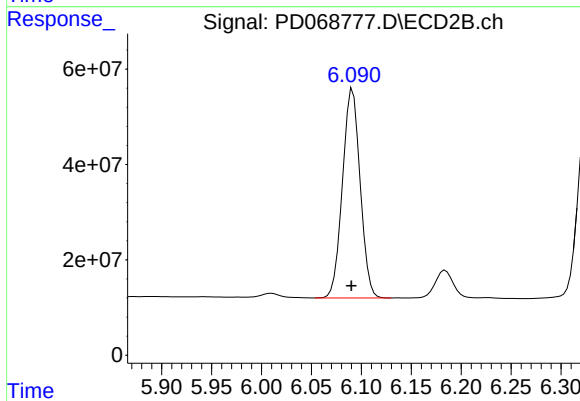
#7 delta-BHC

R.T.: 5.251 min  
Delta R.T.: 0.001 min  
Response: 646228702  
Conc: 53.74 ng/ml



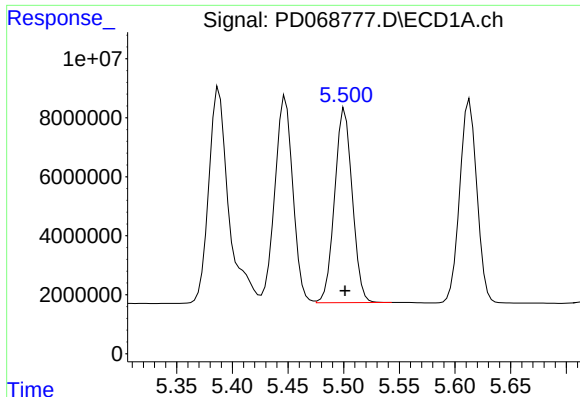
#8 Heptachlor epoxide

R.T.: 5.163 min  
Delta R.T.: 0.000 min  
Response: 79574775  
Conc: 53.21 ng/ml



#8 Heptachlor epoxide

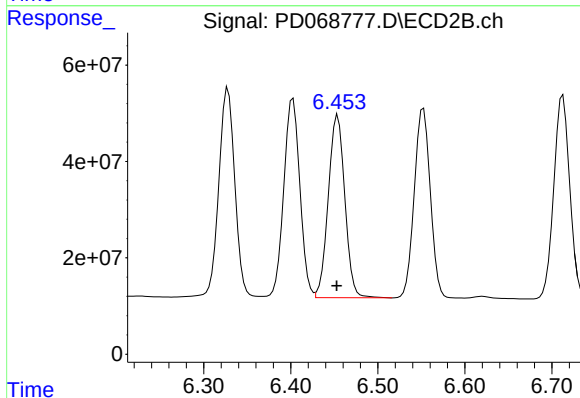
R.T.: 6.091 min  
Delta R.T.: 0.001 min  
Response: 540493642  
Conc: 51.76 ng/ml



#9 Endosulfan I

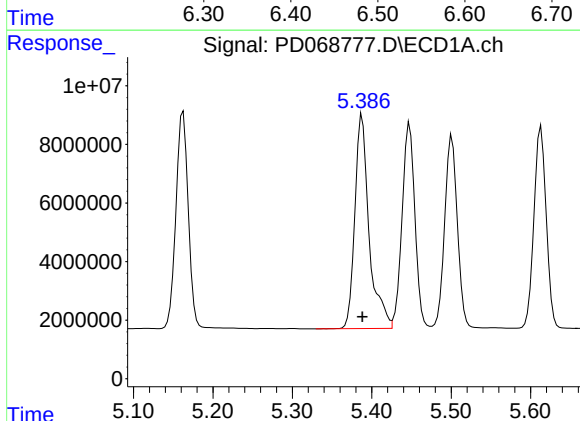
R.T.: 5.501 min  
Delta R.T.: 0.000 min  
Response: 72881371  
Conc: 52.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



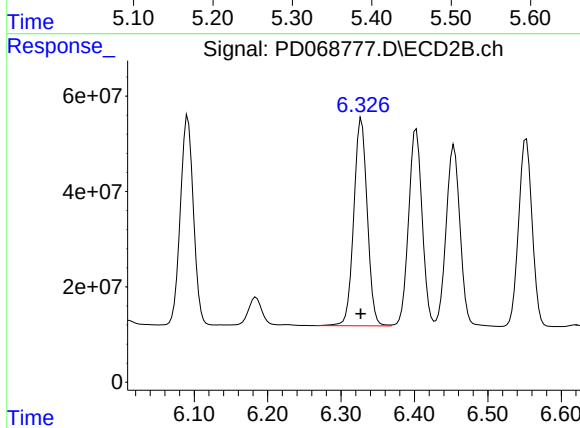
#9 Endosulfan I

R.T.: 6.454 min  
Delta R.T.: 0.001 min  
Response: 500001255  
Conc: 53.32 ng/ml



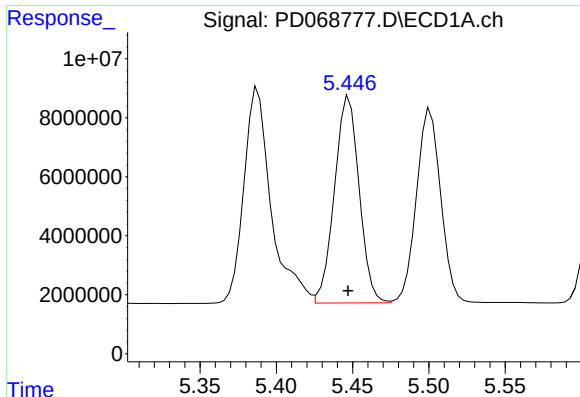
#10 gamma-Chlordane

R.T.: 5.388 min  
Delta R.T.: 0.000 min  
Response: 91228951  
Conc: 60.14 ng/ml



#10 gamma-Chlordane

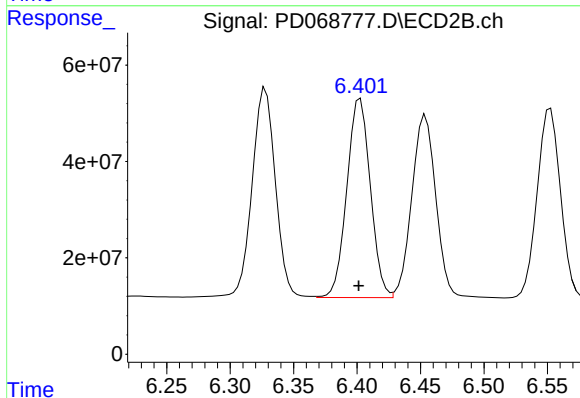
R.T.: 6.328 min  
Delta R.T.: 0.000 min  
Response: 555367984  
Conc: 53.88 ng/ml



#11 alpha-Chlordane

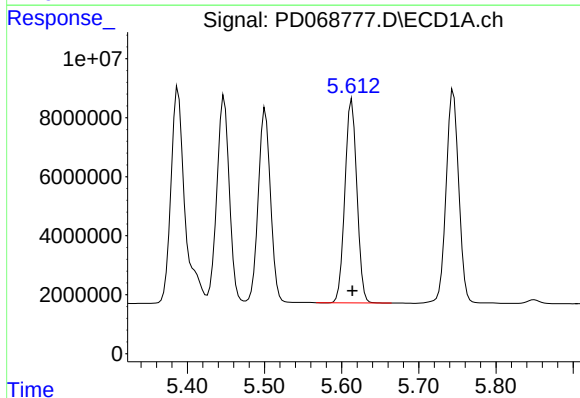
R.T.: 5.448 min  
Delta R.T.: 0.000 min  
Response: 78959224  
Conc: 52.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



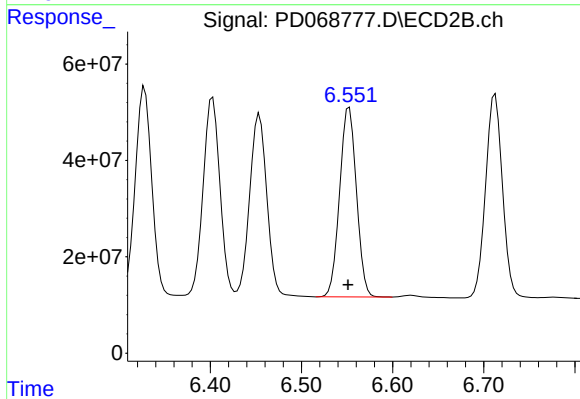
#11 alpha-Chlordane

R.T.: 6.403 min  
Delta R.T.: 0.001 min  
Response: 531588846  
Conc: 53.39 ng/ml



#12 4,4'-DDE

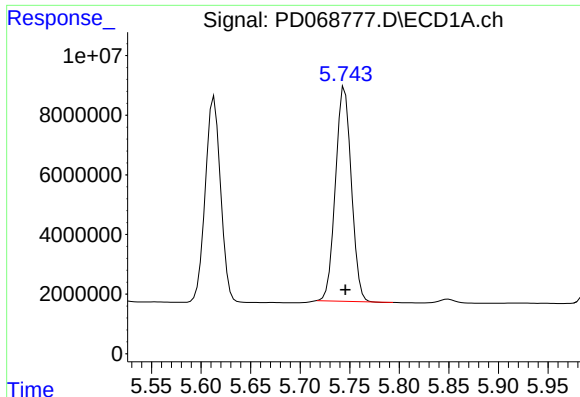
R.T.: 5.613 min  
Delta R.T.: 0.000 min  
Response: 74036740  
Conc: 54.12 ng/ml



#12 4,4'-DDE

R.T.: 6.552 min  
Delta R.T.: 0.001 min  
Response: 504222977  
Conc: 54.41 ng/ml

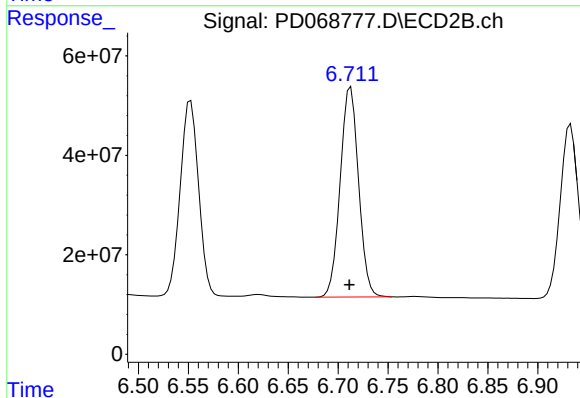




#13 Dieldrin

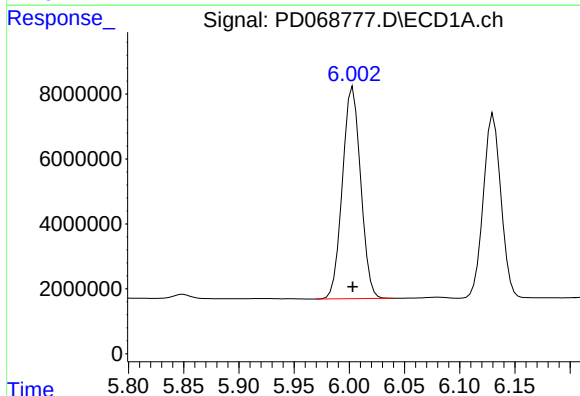
R.T.: 5.745 min  
Delta R.T.: 0.000 min  
Response: 79971426  
Conc: 54.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



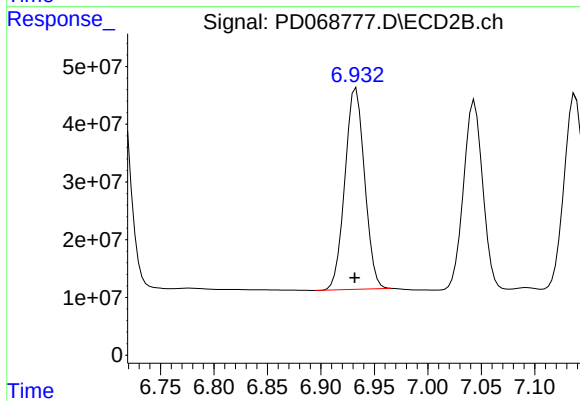
#13 Dieldrin

R.T.: 6.713 min  
Delta R.T.: 0.001 min  
Response: 541306163  
Conc: 55.73 ng/ml



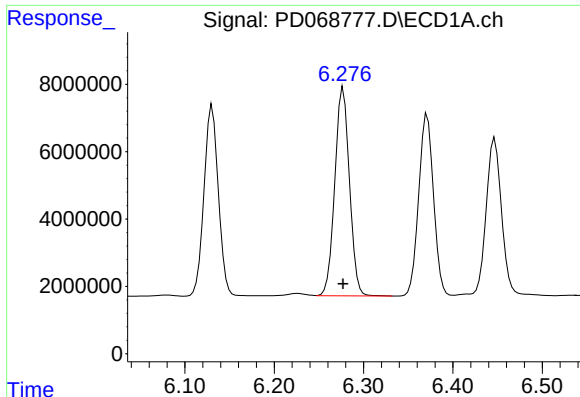
#14 Endrin

R.T.: 6.003 min  
Delta R.T.: 0.000 min  
Response: 75056188  
Conc: 56.98 ng/ml



#14 Endrin

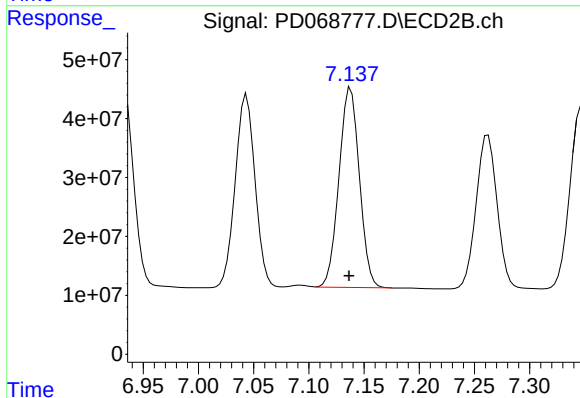
R.T.: 6.933 min  
Delta R.T.: 0.001 min  
Response: 446900067  
Conc: 57.76 ng/ml



#15 Endosulfan II

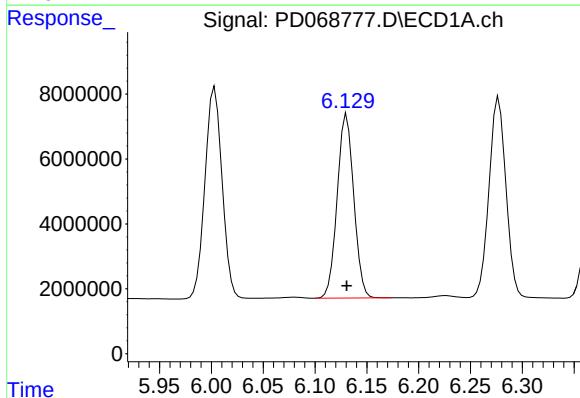
R.T.: 6.277 min  
Delta R.T.: 0.000 min  
Response: 70489915  
Conc: 56.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



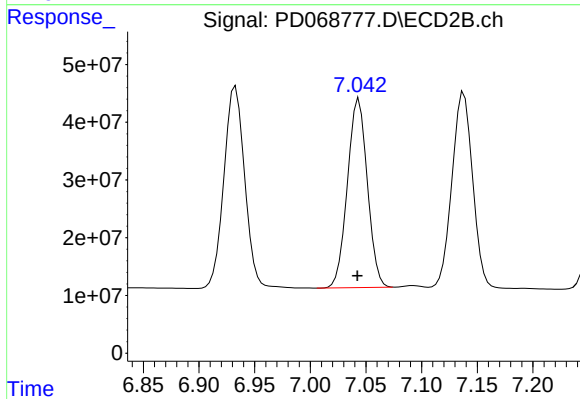
#15 Endosulfan II

R.T.: 7.138 min  
Delta R.T.: 0.002 min  
Response: 436230071  
Conc: 57.71 ng/ml



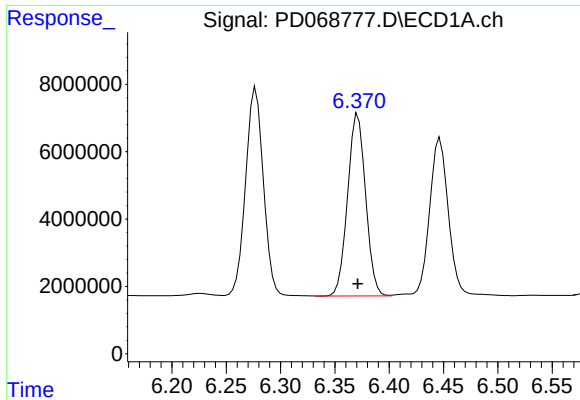
#16 4,4'-DDD

R.T.: 6.131 min  
Delta R.T.: 0.000 min  
Response: 63036473  
Conc: 53.46 ng/ml



#16 4,4'-DDD

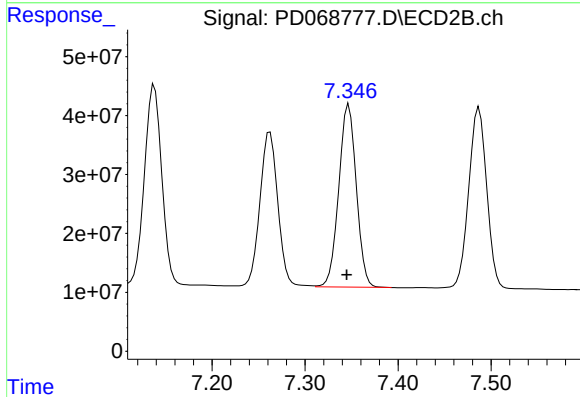
R.T.: 7.044 min  
Delta R.T.: 0.001 min  
Response: 408119649  
Conc: 55.26 ng/ml



#17 4,4'-DDT

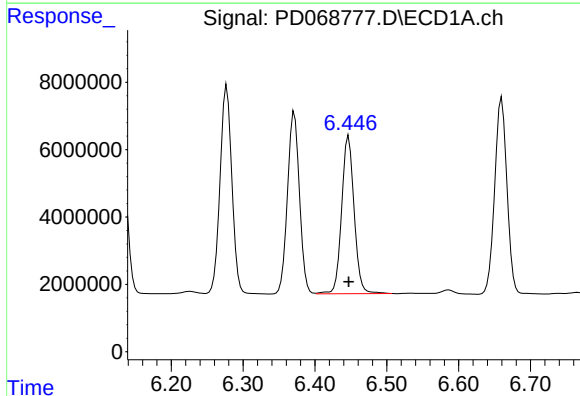
R.T.: 6.371 min  
Delta R.T.: 0.000 min  
Response: 62306301  
Conc: 51.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



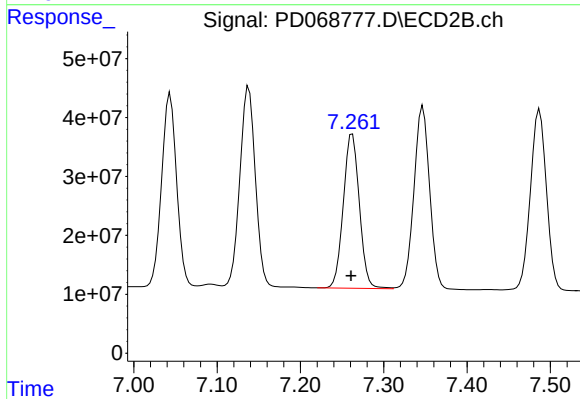
#17 4,4'-DDT

R.T.: 7.347 min  
Delta R.T.: 0.002 min  
Response: 406193828  
Conc: 55.29 ng/ml



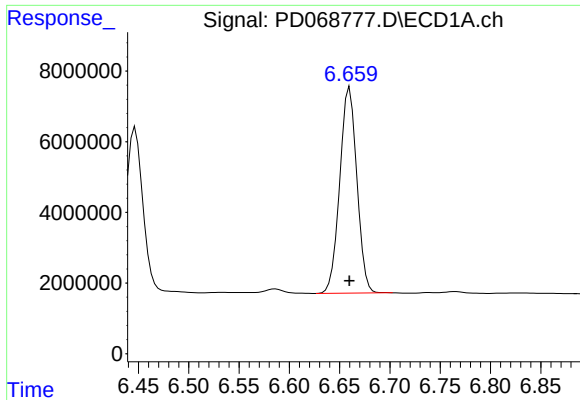
#18 Endrin aldehyde

R.T.: 6.447 min  
Delta R.T.: 0.000 min  
Response: 56430660  
Conc: 56.84 ng/ml



#18 Endrin aldehyde

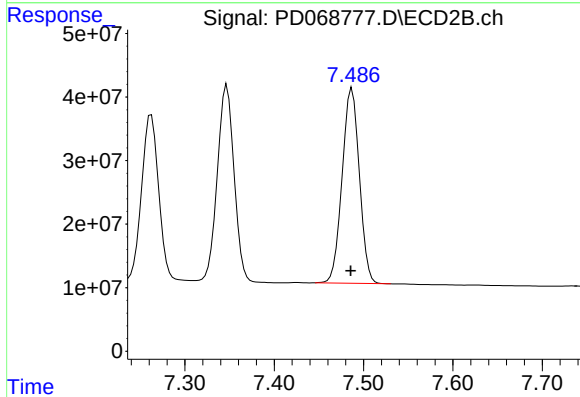
R.T.: 7.262 min  
Delta R.T.: 0.002 min  
Response: 350115969  
Conc: 57.85 ng/ml



#19 Endosulfan Sulfate

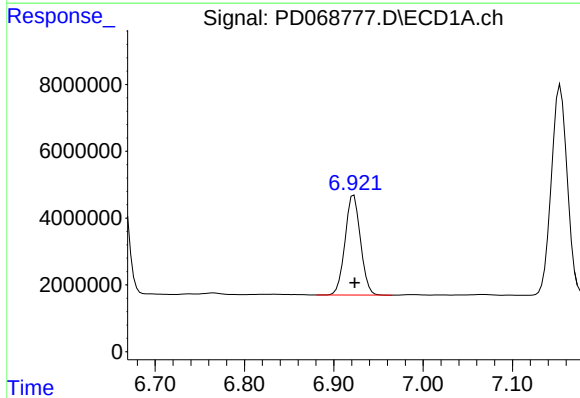
R.T.: 6.660 min  
Delta R.T.: 0.000 min  
Response: 68826838  
Conc: 53.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



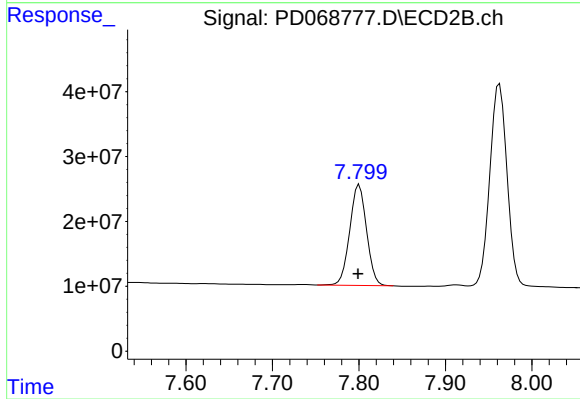
#19 Endosulfan Sulfate

R.T.: 7.487 min  
Delta R.T.: 0.002 min  
Response: 411262686  
Conc: 55.92 ng/ml



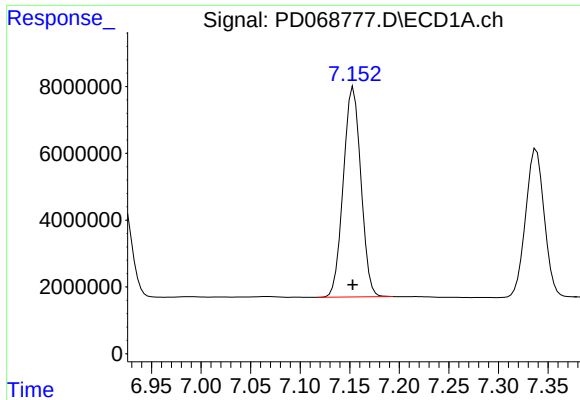
#20 Methoxychlor

R.T.: 6.922 min  
Delta R.T.: -0.001 min  
Response: 35887994  
Conc: 51.78 ng/ml



#20 Methoxychlor

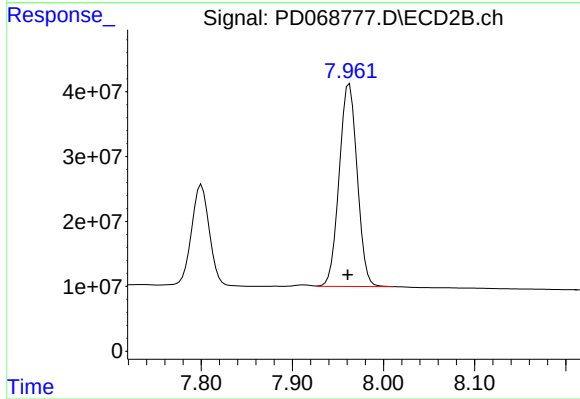
R.T.: 7.800 min  
Delta R.T.: 0.001 min  
Response: 209677570  
Conc: 57.52 ng/ml



#21 Endrin ketone

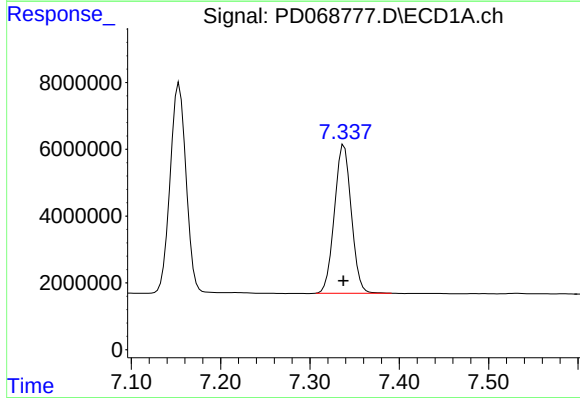
R.T.: 7.154 min  
Delta R.T.: 0.000 min  
Response: 77695109  
Conc: 52.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



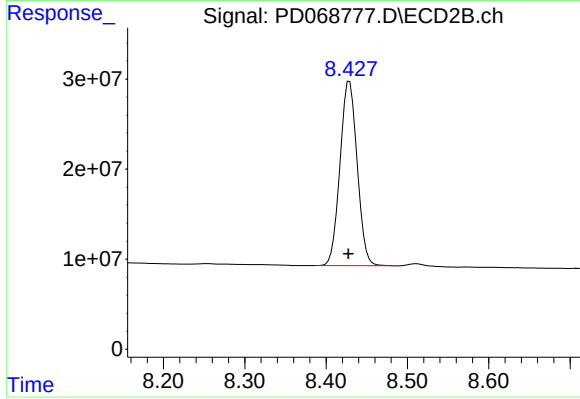
#21 Endrin ketone

R.T.: 7.963 min  
Delta R.T.: 0.002 min  
Response: 429172717  
Conc: 55.39 ng/ml



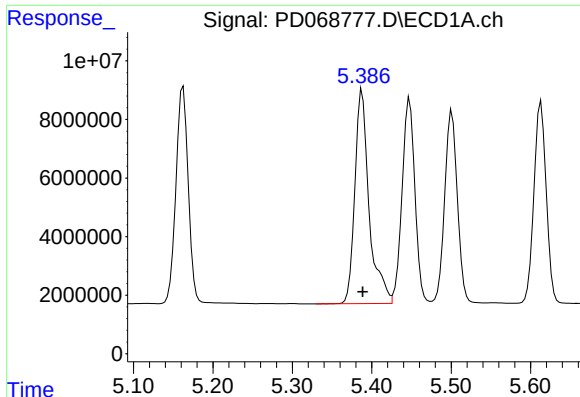
#22 Mirex

R.T.: 7.338 min  
Delta R.T.: 0.000 min  
Response: 58296225  
Conc: 49.19 ng/ml



#22 Mirex

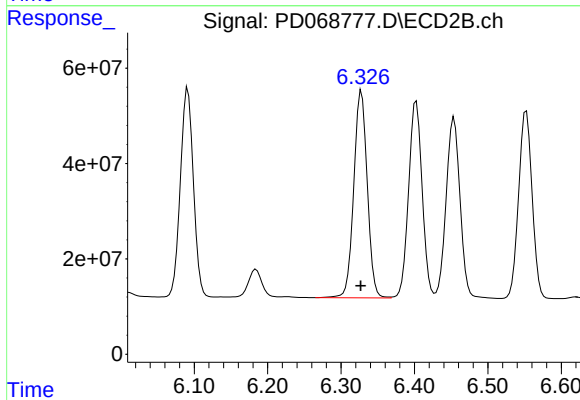
R.T.: 8.429 min  
Delta R.T.: 0.002 min  
Response: 299432951  
Conc: 54.63 ng/ml



#25 Chlordane-3

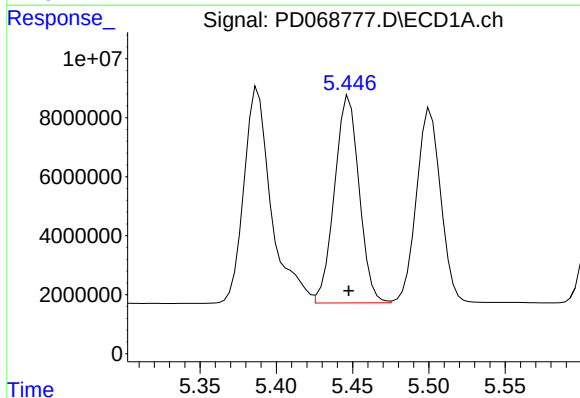
R.T.: 5.388 min  
Delta R.T.: 0.000 min  
Response: 91228951  
Conc: 654.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



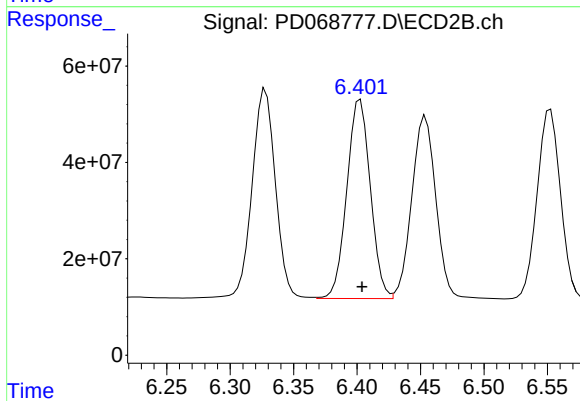
#25 Chlordane-3

R.T.: 6.328 min  
Delta R.T.: 0.001 min  
Response: 555367984  
Conc: 413.35 ng/ml



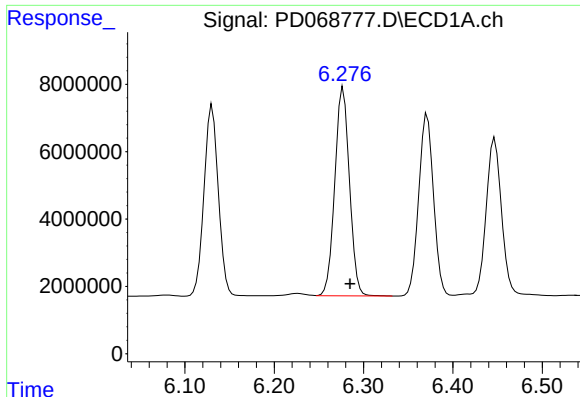
#26 Chlordane-4

R.T.: 5.448 min  
Delta R.T.: 0.000 min  
Response: 78959224  
Conc: 667.16 ng/ml



#26 Chlordane-4

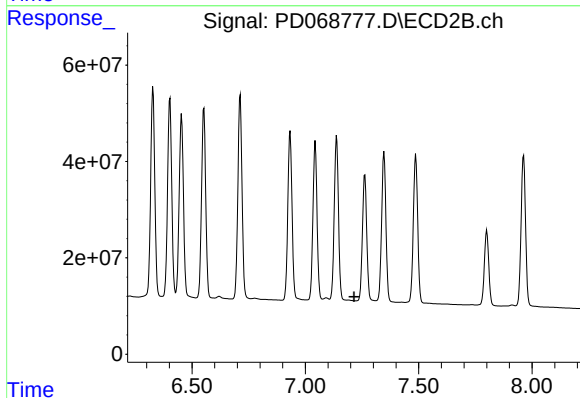
R.T.: 6.403 min  
Delta R.T.: -0.001 min  
Response: 531588846  
Conc: 341.95 ng/ml



#27 Chlordane-5

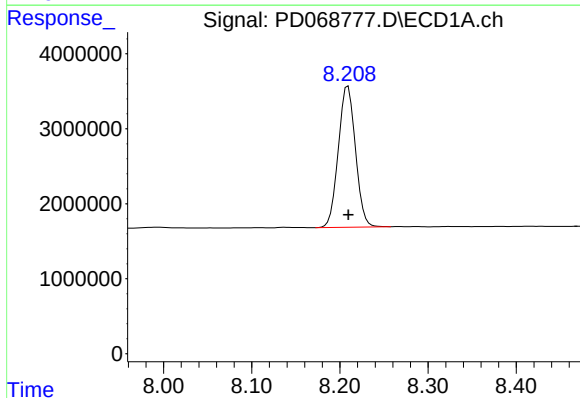
R.T.: 6.277 min  
Delta R.T.: -0.008 min  
Response: 70489915  
Conc: 1410.94 ng/m

Instrument :  
ECD\_D  
ClientSampleId :



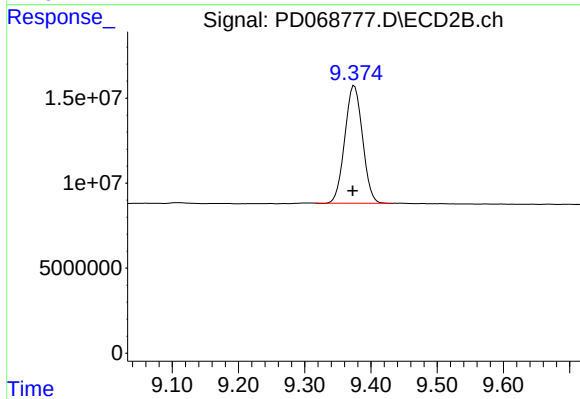
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 7.215 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.209 min  
Delta R.T.: 0.000 min  
Response: 25415259  
Conc: 20.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.375 min  
Delta R.T.: 0.003 min  
Response: 128149822  
Conc: 22.61 ng/ml