

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090423\  
 Data File : PD077590.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Sep 2023 15:39  
 Operator : AR\AJ  
 Sample : PB155211BS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB155211BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 03 05:05:01 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD090323.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Sep 01 16:18:56 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... | 3.543  | 2.760 | 43046790 | 27257460 | 16.954   | 17.234     |
| 28)                         | SA Decachlor... | 9.083  | 7.900 | 56689107 | 31559656 | 18.610   | 18.289     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.999  | 3.262 | 229.5E6  | 129.2E6  | 55.790   | 55.837     |
| 3)                          | MA gamma-BHC... | 4.333  | 3.592 | 209.8E6  | 119.8E6  | 53.025   | 53.597     |
| 4)                          | MA Heptachlor   | 4.924  | 3.931 | 223.8E6  | 128.2E6  | 57.130   | 56.984     |
| 5)                          | MB Aldrin       | 5.267  | 4.211 | 215.2E6  | 121.5E6  | 53.501   | 53.343     |
| 6)                          | B beta-BHC      | 4.530  | 3.889 | 83402673 | 48208949 | 51.681   | 54.090     |
| 7)                          | B delta-BHC     | 4.779  | 4.119 | 201.8E6  | 116.9E6  | 54.753   | 53.942     |
| 8)                          | B Heptachlo...  | 5.694  | 4.713 | 192.2E6  | 111.9E6  | 53.745   | 55.187     |
| 9)                          | A Endosulfan I  | 6.080  | 5.084 | 180.9E6  | 105.3E6  | 55.001   | 56.200     |
| 10)                         | B gamma-Chl...  | 5.951  | 4.964 | 193.3E6  | 112.0E6  | 54.898   | 55.715     |
| 11)                         | B alpha-Chl...  | 6.030  | 5.027 | 192.8E6  | 110.6E6  | 54.194   | 54.918     |
| 12)                         | B 4,4'-DDE      | 6.202  | 5.216 | 178.6E6  | 101.2E6  | 55.474   | 55.453     |
| 13)                         | MA Dieldrin     | 6.357  | 5.348 | 189.3E6  | 110.8E6  | 53.203   | 54.285     |
| 14)                         | MA Endrin       | 6.587  | 5.623 | 162.2E6  | 98454418 | 53.488   | 54.355     |
| 15)                         | B Endosulfa...  | 6.807  | 5.918 | 152.2E6  | 89091107 | 49.132   | 52.068     |
| 16)                         | A 4,4'-DDD      | 6.721  | 5.771 | 141.0E6  | 78688574 | 55.010   | 56.310     |
| 17)                         | MA 4,4'-DDT     | 7.036  | 6.022 | 151.7E6  | 82652299 | 58.021   | 58.501     |
| 18)                         | B Endrin al...  | 6.938  | 6.097 | 120.6E6  | 69940500 | 50.737   | 51.815     |
| 19)                         | B Endosulfa...  | 7.174  | 6.320 | 150.4E6  | 88762053 | 52.990   | 55.434     |
| 20)                         | A Methoxychlor  | 7.513  | 6.597 | 79597836 | 40945249 | 51.461   | 52.885     |
| 21)                         | B Endrin ke...  | 7.659  | 6.827 | 169.9E6  | 101.9E6  | 52.262   | 53.886     |
| 22)                         | Mirex           | 8.134  | 7.007 | 126.5E6  | 81255960 | 52.582   | 53.064     |
| 24)                         | Chlordane-2     | 5.267f | 0.000 | 215.2E6  | 0        | 1685.880 | N.D. #     |
| 25)                         | Chlordane-3     | 5.951  | 4.964 | 193.3E6  | 112.0E6  | 384.688  | 570.830 #  |
| 26)                         | Chlordane-4     | 6.030  | 5.027 | 192.8E6  | 110.6E6  | 313.048  | 584.729 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.918 | 0        | 89091107 | N.D.     | 1384.741 # |
| -----                       |                 |        |       |          |          |          |            |

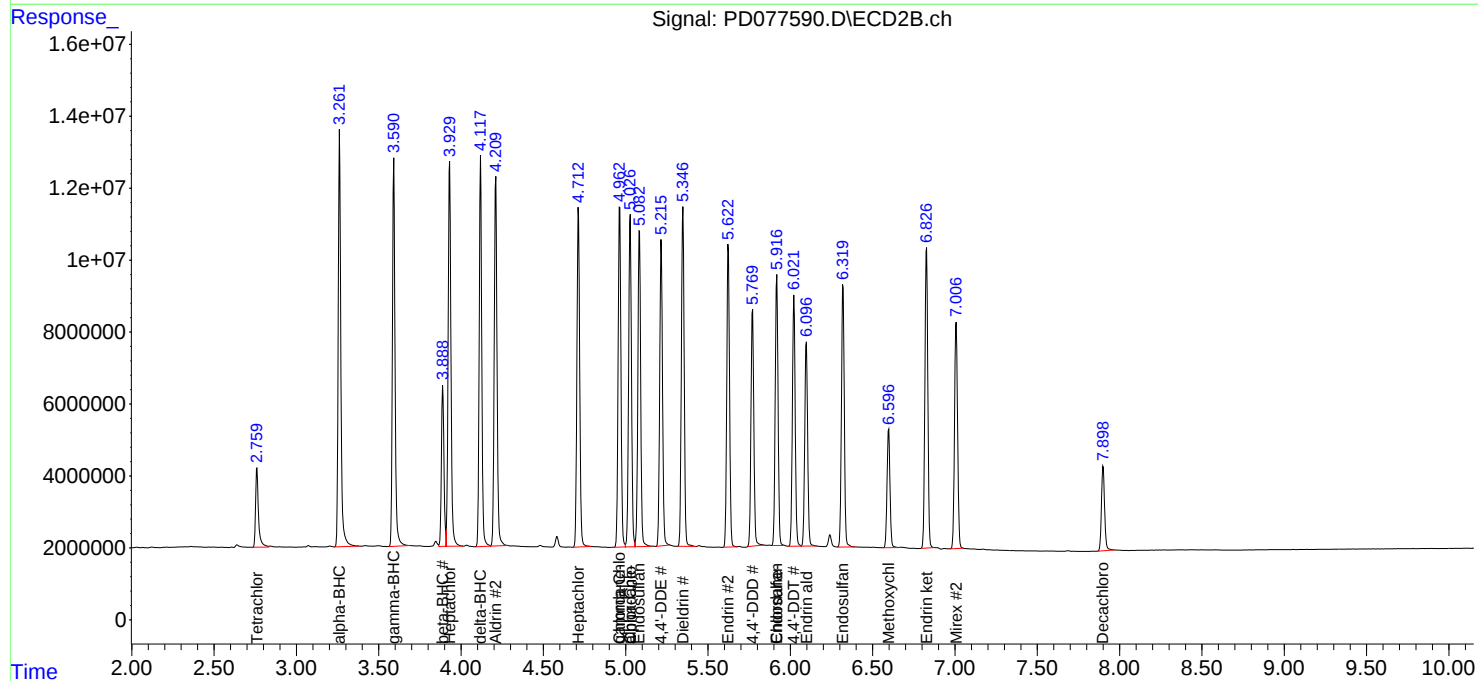
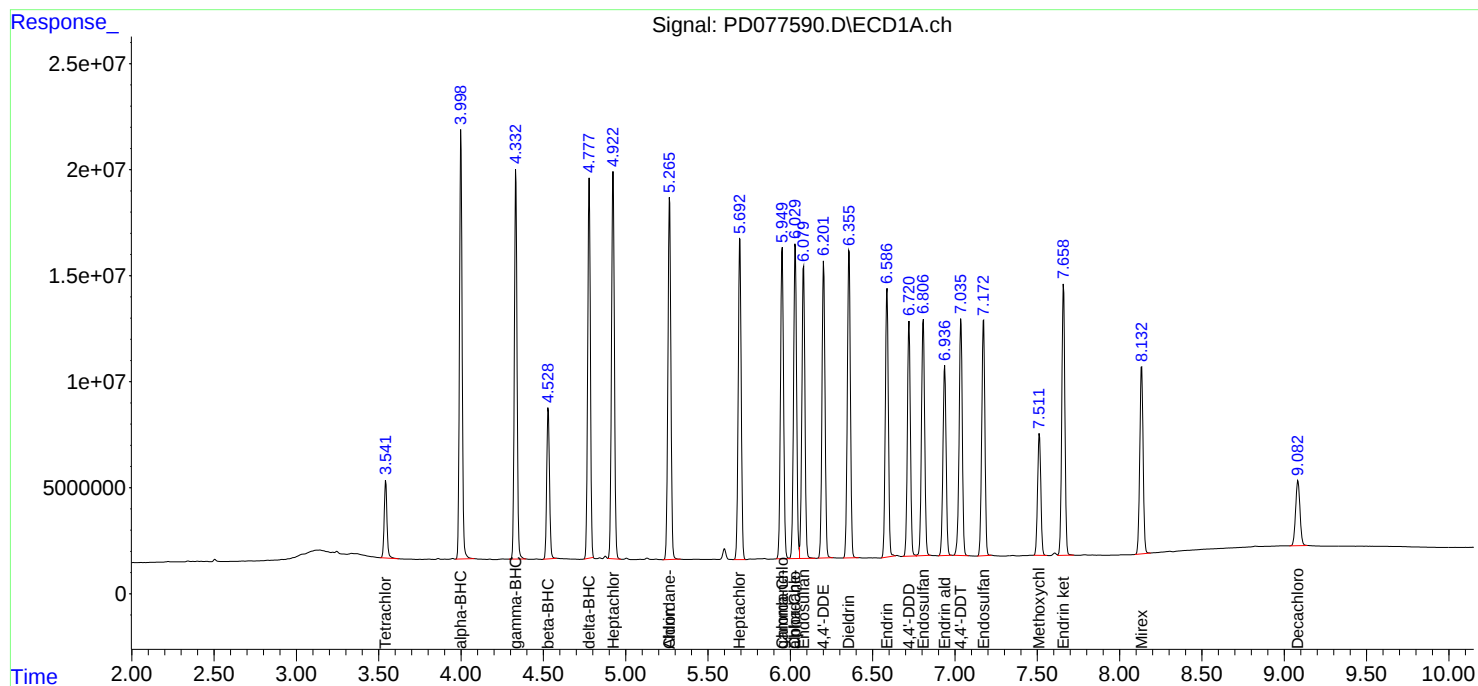
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

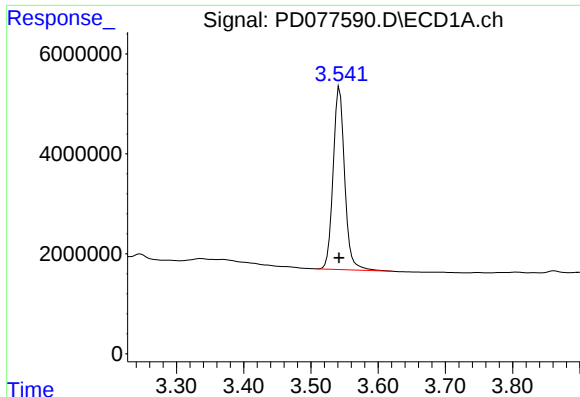
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090423\  
Data File : PD077590.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Sep 2023 15:39  
Operator : AR\AJ  
Sample : PB155211BS  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PB155211BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 03 05:05:01 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD090323.M  
Quant Title : GC Extractables  
QLast Update : Fri Sep 01 16:18:56 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

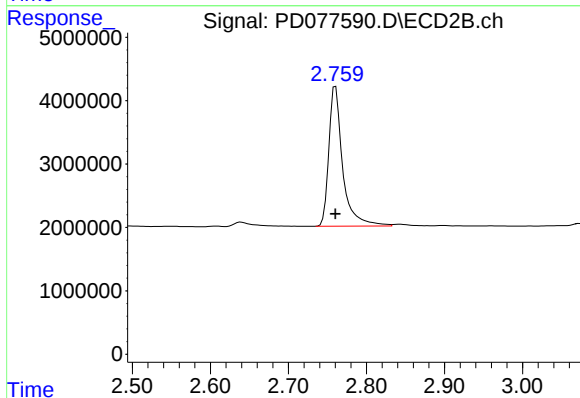




#1 Tetrachloro-m-xylene

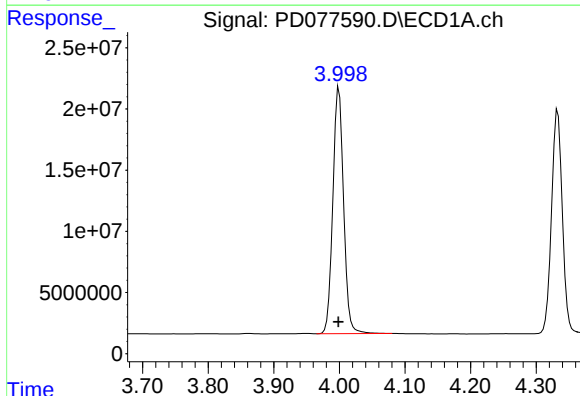
R.T.: 3.543 min  
Delta R.T.: 0.000 min  
Response: 43046790  
Conc: 16.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB155211BS



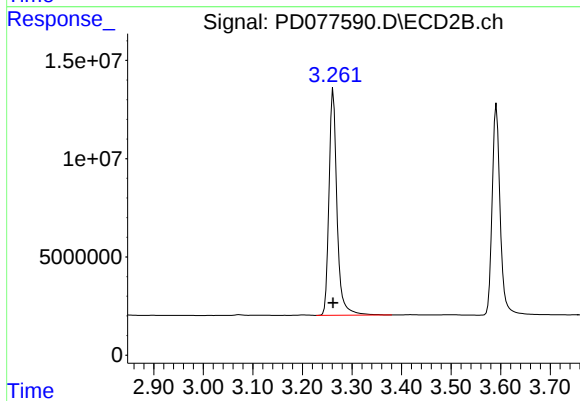
#1 Tetrachloro-m-xylene

R.T.: 2.760 min  
Delta R.T.: 0.000 min  
Response: 27257460  
Conc: 17.23 ng/ml



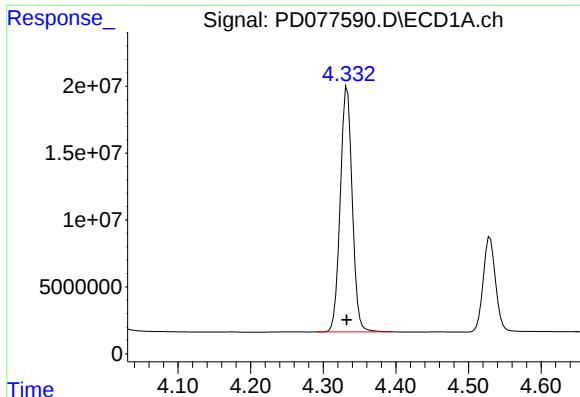
#2 alpha-BHC

R.T.: 3.999 min  
Delta R.T.: 0.000 min  
Response: 229528518  
Conc: 55.79 ng/ml



#2 alpha-BHC

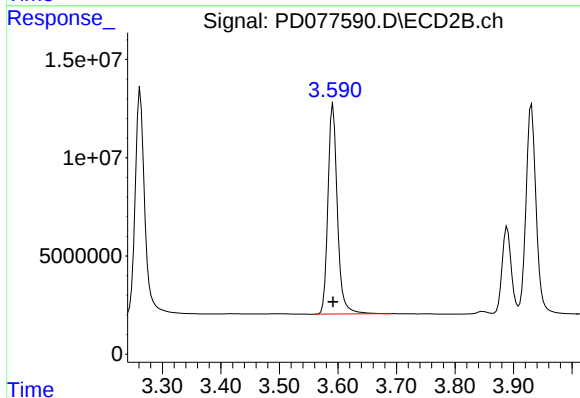
R.T.: 3.262 min  
Delta R.T.: 0.000 min  
Response: 129182734  
Conc: 55.84 ng/ml



#3 gamma-BHC (Lindane)

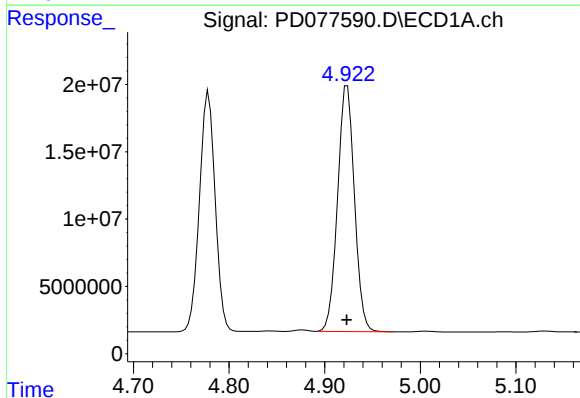
R.T.: 4.333 min  
Delta R.T.: 0.000 min  
Response: 209764078  
Conc: 53.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB155211BS



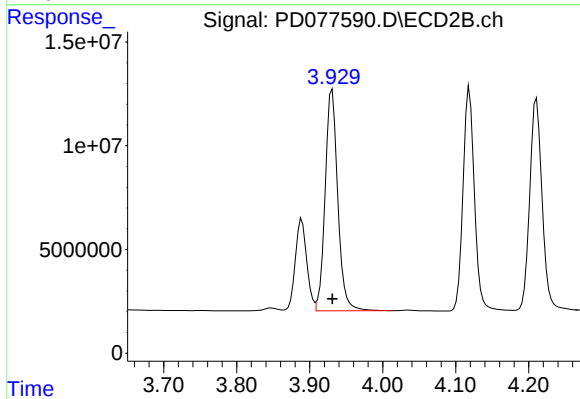
#3 gamma-BHC (Lindane)

R.T.: 3.592 min  
Delta R.T.: 0.000 min  
Response: 119812944  
Conc: 53.60 ng/ml



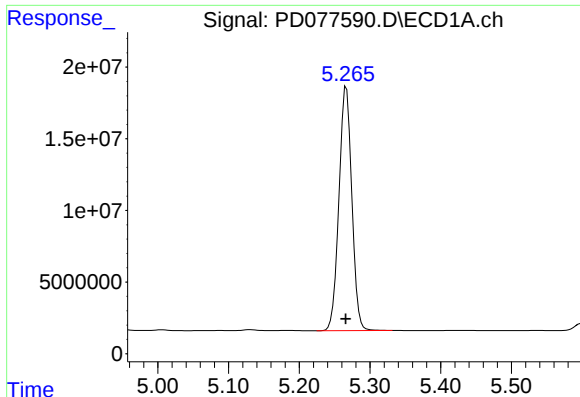
#4 Heptachlor

R.T.: 4.924 min  
Delta R.T.: 0.000 min  
Response: 223832007  
Conc: 57.13 ng/ml



#4 Heptachlor

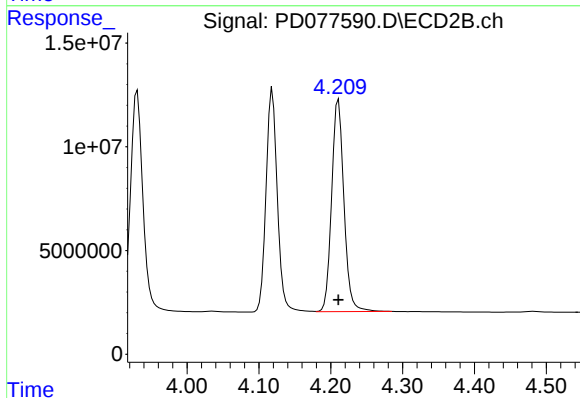
R.T.: 3.931 min  
Delta R.T.: 0.000 min  
Response: 128180670  
Conc: 56.98 ng/ml



#5 Aldrin

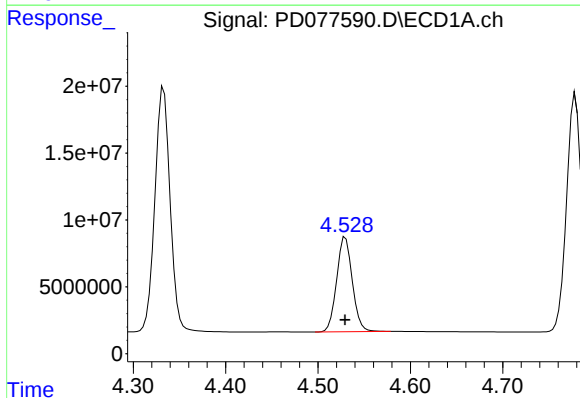
R.T.: 5.267 min  
Delta R.T.: 0.000 min  
Response: 215172200  
Conc: 53.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB155211BS



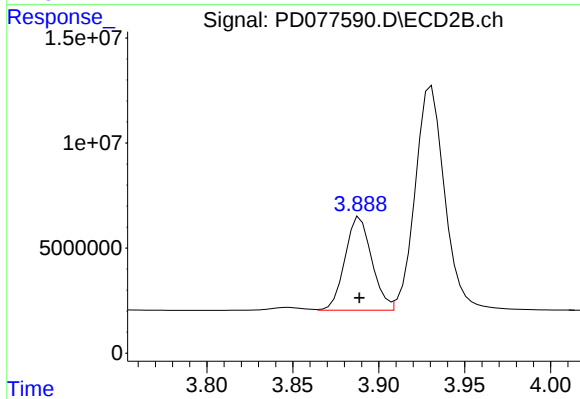
#5 Aldrin

R.T.: 4.211 min  
Delta R.T.: 0.000 min  
Response: 121516366  
Conc: 53.34 ng/ml



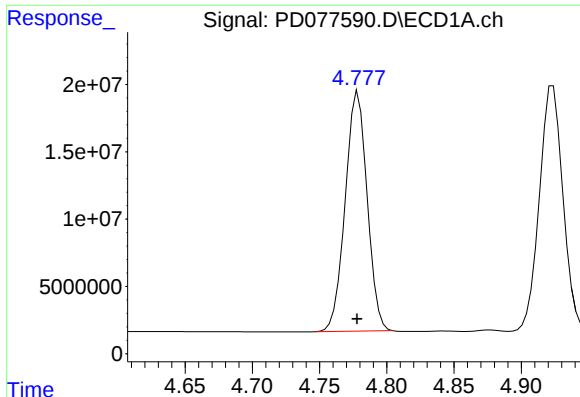
#6 beta-BHC

R.T.: 4.530 min  
Delta R.T.: 0.000 min  
Response: 83402673  
Conc: 51.68 ng/ml



#6 beta-BHC

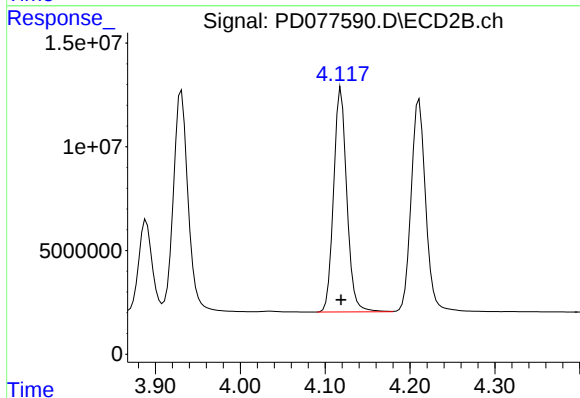
R.T.: 3.889 min  
Delta R.T.: 0.000 min  
Response: 48208949  
Conc: 54.09 ng/ml



#7 delta-BHC

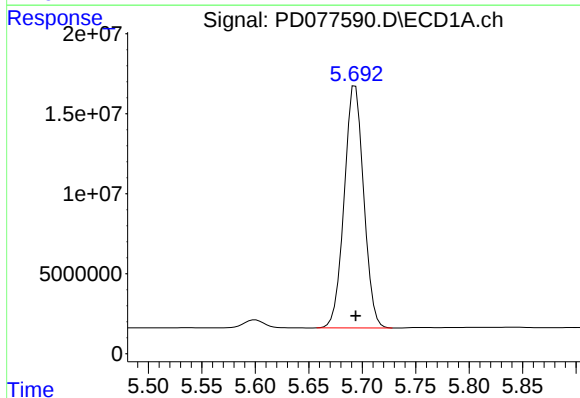
R.T.: 4.779 min  
Delta R.T.: 0.000 min  
Response: 201842187  
Conc: 54.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB155211BS



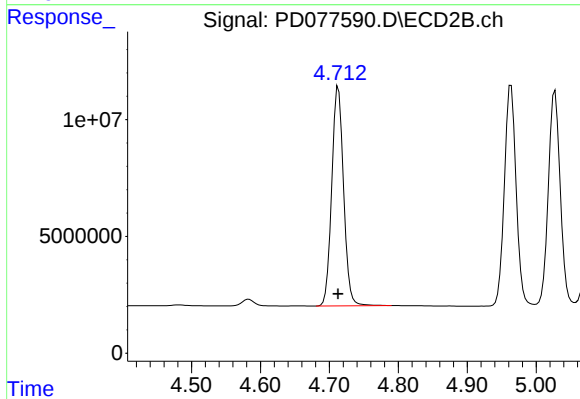
#7 delta-BHC

R.T.: 4.119 min  
Delta R.T.: 0.000 min  
Response: 116938793  
Conc: 53.94 ng/ml



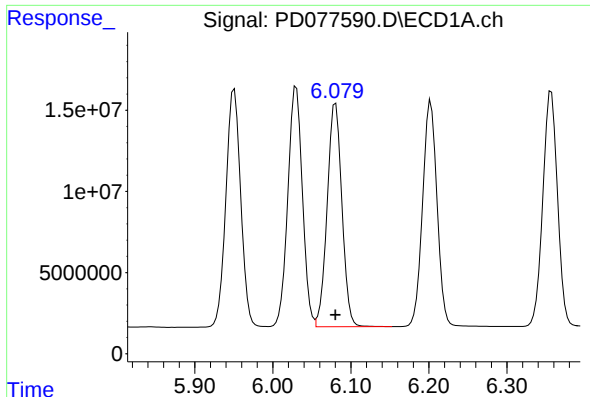
#8 Heptachlor epoxide

R.T.: 5.694 min  
Delta R.T.: 0.000 min  
Response: 192170401  
Conc: 53.75 ng/ml



#8 Heptachlor epoxide

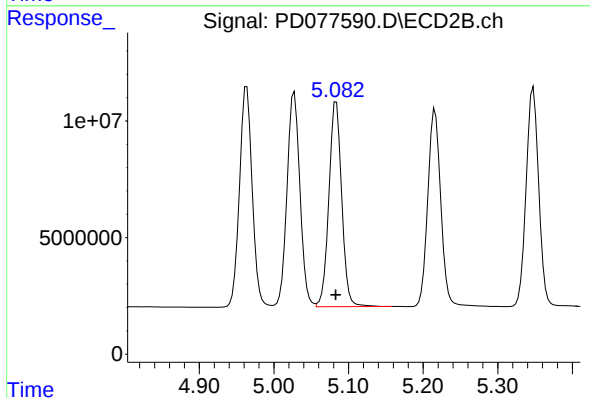
R.T.: 4.713 min  
Delta R.T.: 0.000 min  
Response: 111930142  
Conc: 55.19 ng/ml



#9 Endosulfan I

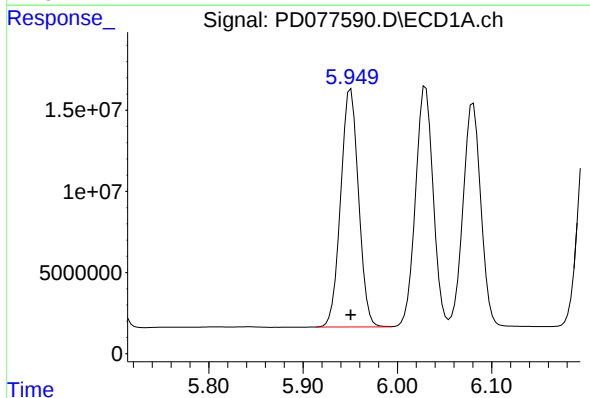
R.T.: 6.080 min  
Delta R.T.: 0.000 min  
Response: 180902931  
Conc: 55.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB155211BS



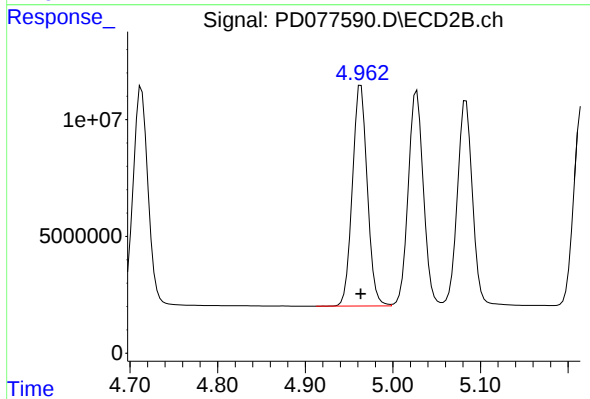
#9 Endosulfan I

R.T.: 5.084 min  
Delta R.T.: 0.000 min  
Response: 105271078  
Conc: 56.20 ng/ml



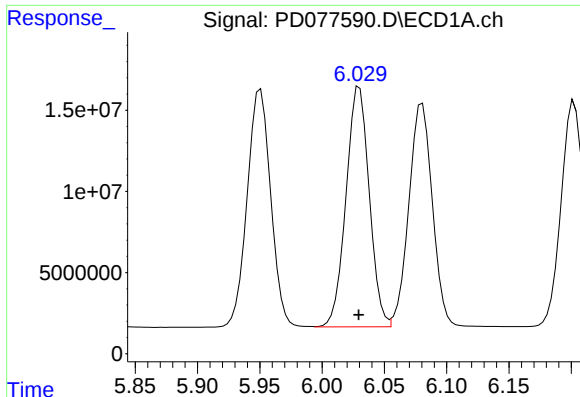
#10 gamma-Chlordane

R.T.: 5.951 min  
Delta R.T.: 0.000 min  
Response: 193259320  
Conc: 54.90 ng/ml



#10 gamma-Chlordane

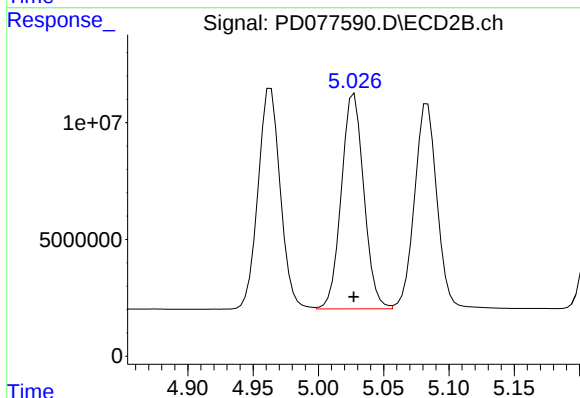
R.T.: 4.964 min  
Delta R.T.: 0.000 min  
Response: 111998375  
Conc: 55.72 ng/ml



#11 alpha-Chlordane

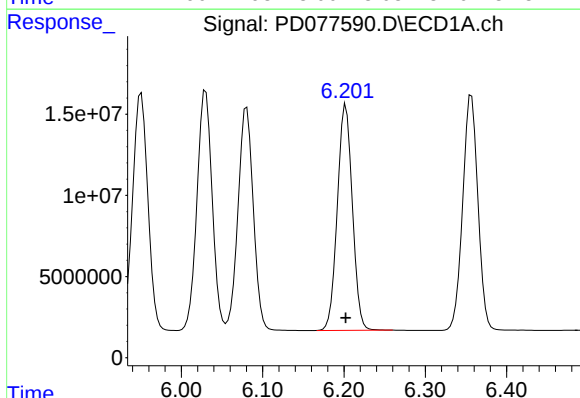
R.T.: 6.030 min  
Delta R.T.: 0.000 min  
Response: 192839680  
Conc: 54.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB155211BS



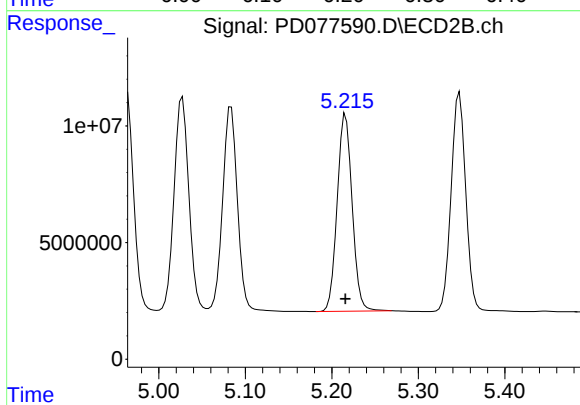
#11 alpha-Chlordane

R.T.: 5.027 min  
Delta R.T.: 0.000 min  
Response: 110643935  
Conc: 54.92 ng/ml



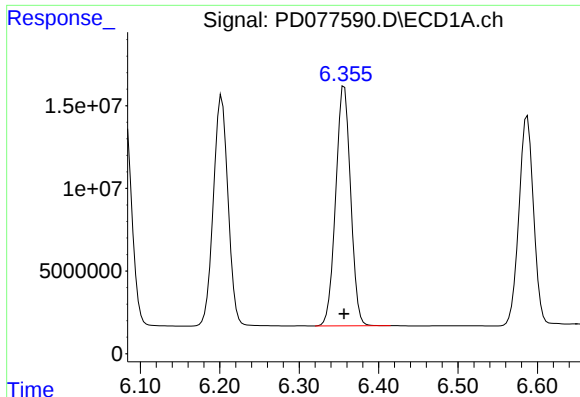
#12 4,4'-DDE

R.T.: 6.202 min  
Delta R.T.: 0.000 min  
Response: 178606282  
Conc: 55.47 ng/ml



#12 4,4'-DDE

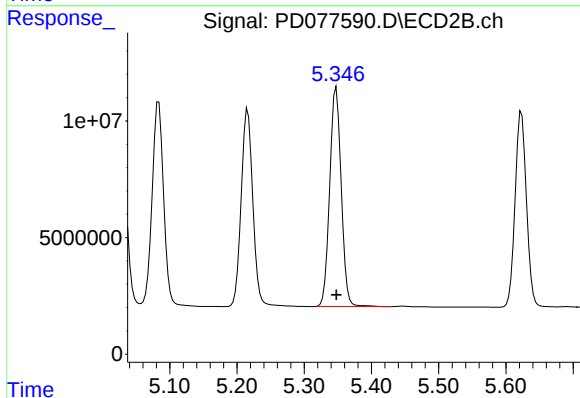
R.T.: 5.216 min  
Delta R.T.: 0.000 min  
Response: 101217173  
Conc: 55.45 ng/ml



#13 Dieldrin

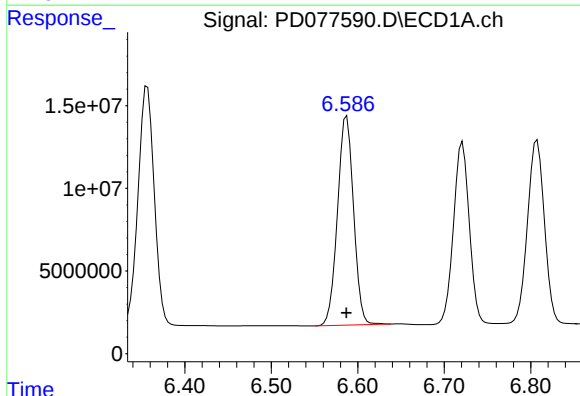
R.T.: 6.357 min  
Delta R.T.: 0.000 min  
Response: 189287758  
Conc: 53.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB155211BS



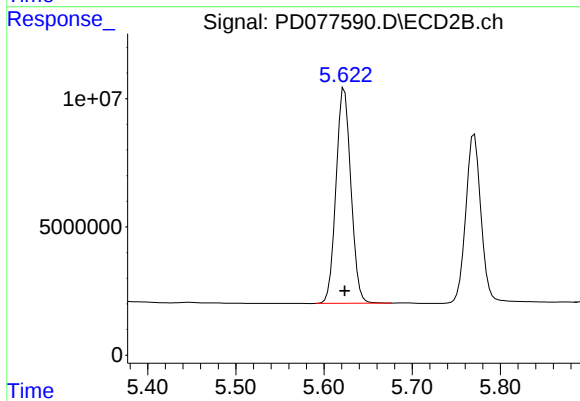
#13 Dieldrin

R.T.: 5.348 min  
Delta R.T.: 0.000 min  
Response: 110839575  
Conc: 54.28 ng/ml



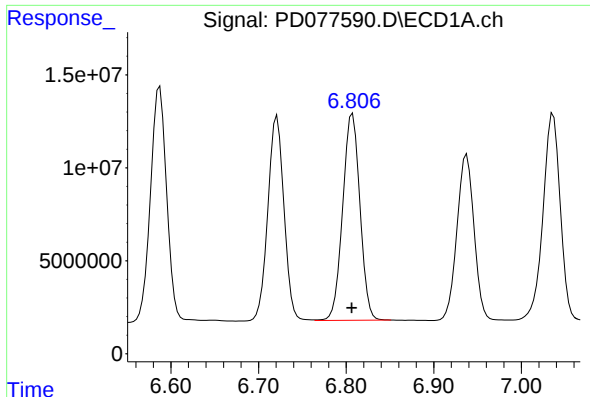
#14 Endrin

R.T.: 6.587 min  
Delta R.T.: 0.000 min  
Response: 162237927  
Conc: 53.49 ng/ml



#14 Endrin

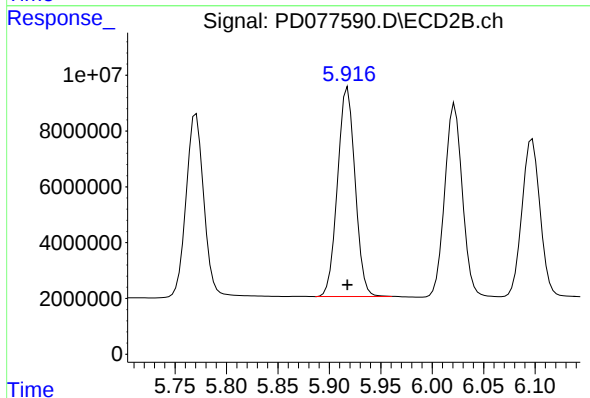
R.T.: 5.623 min  
Delta R.T.: 0.000 min  
Response: 98454418  
Conc: 54.36 ng/ml



#15 Endosulfan II

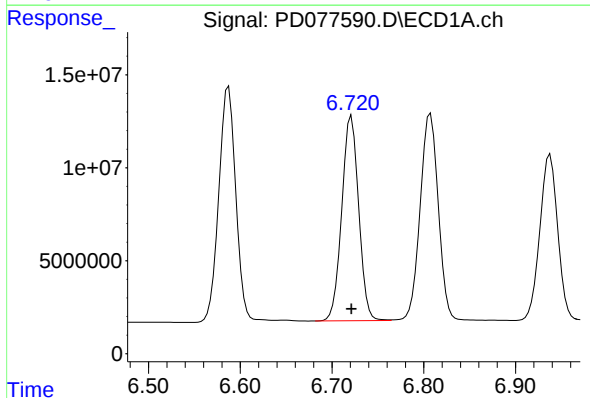
R.T.: 6.807 min  
Delta R.T.: 0.000 min  
Response: 152239998  
Conc: 49.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB155211BS



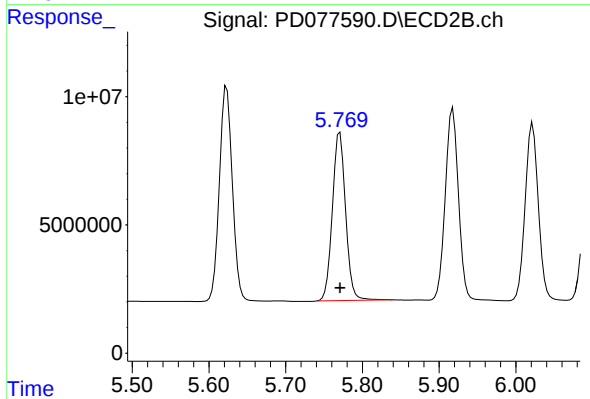
#15 Endosulfan II

R.T.: 5.918 min  
Delta R.T.: 0.000 min  
Response: 89091107  
Conc: 52.07 ng/ml



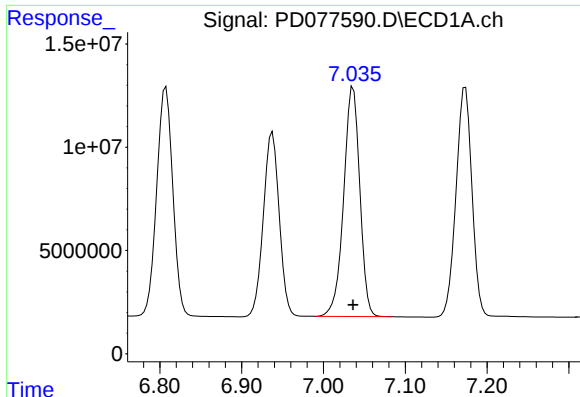
#16 4,4'-DDD

R.T.: 6.721 min  
Delta R.T.: 0.000 min  
Response: 140953186  
Conc: 55.01 ng/ml



#16 4,4'-DDD

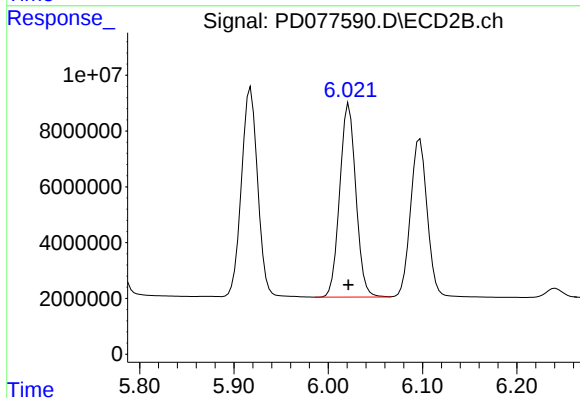
R.T.: 5.771 min  
Delta R.T.: 0.000 min  
Response: 78688574  
Conc: 56.31 ng/ml



#17 4,4'-DDT

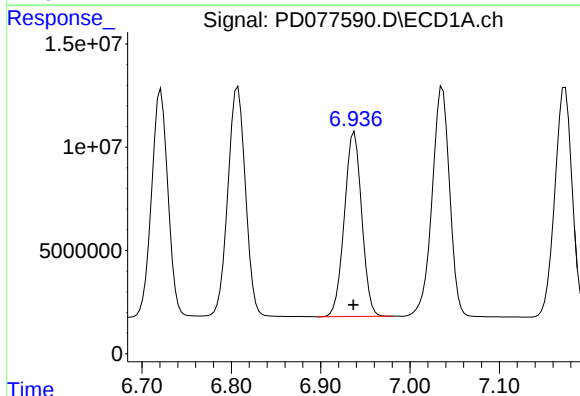
R.T.: 7.036 min  
Delta R.T.: 0.000 min  
Response: 151742467  
Conc: 58.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB155211BS



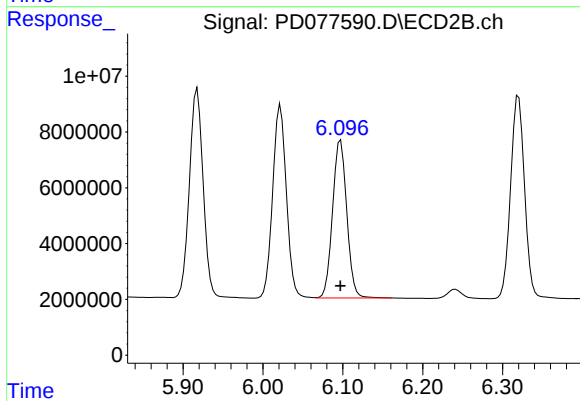
#17 4,4'-DDT

R.T.: 6.022 min  
Delta R.T.: 0.000 min  
Response: 82652299  
Conc: 58.50 ng/ml



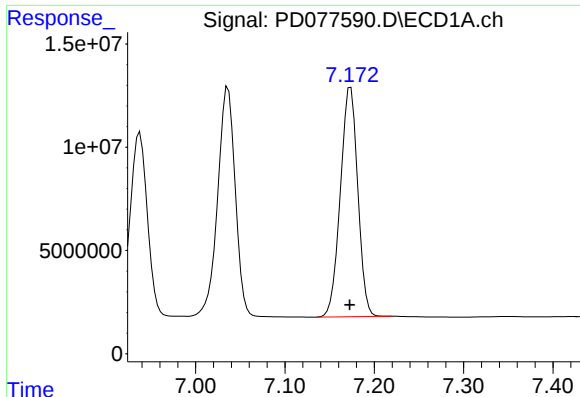
#18 Endrin aldehyde

R.T.: 6.938 min  
Delta R.T.: 0.000 min  
Response: 120571824  
Conc: 50.74 ng/ml



#18 Endrin aldehyde

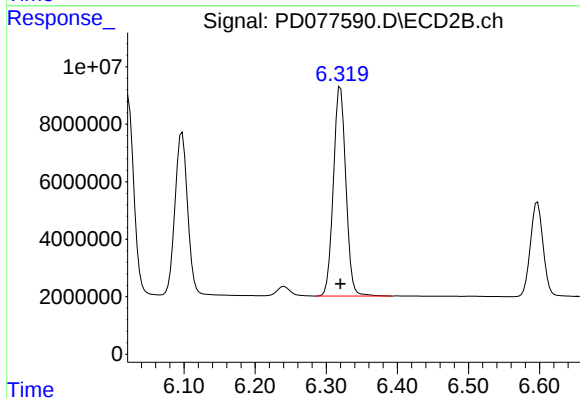
R.T.: 6.097 min  
Delta R.T.: 0.000 min  
Response: 69940500  
Conc: 51.81 ng/ml



#19 Endosulfan Sulfate

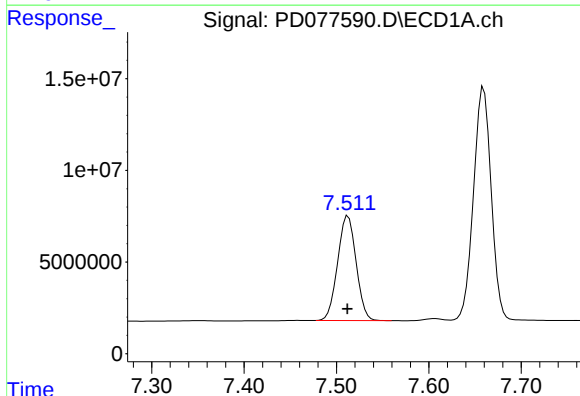
R.T.: 7.174 min  
Delta R.T.: 0.000 min  
Response: 150379868  
Conc: 52.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB155211BS



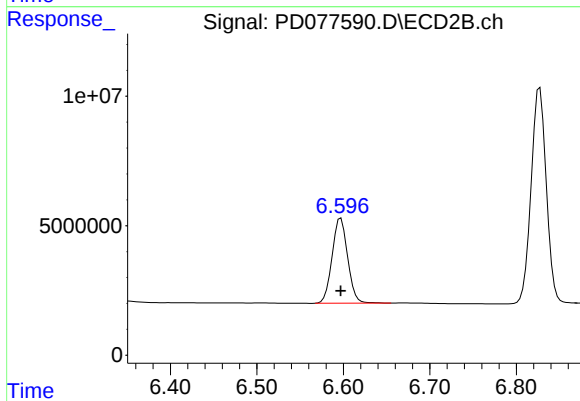
#19 Endosulfan Sulfate

R.T.: 6.320 min  
Delta R.T.: 0.000 min  
Response: 88762053  
Conc: 55.43 ng/ml



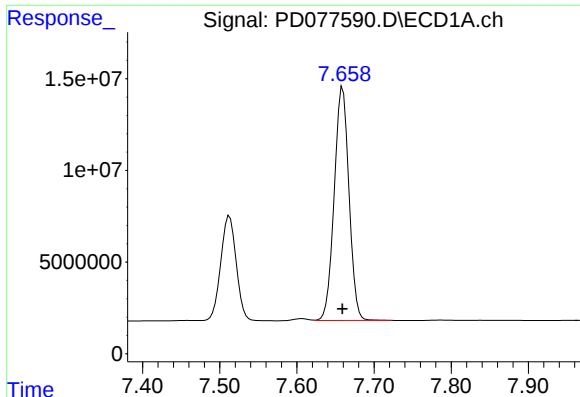
#20 Methoxychlor

R.T.: 7.513 min  
Delta R.T.: 0.000 min  
Response: 79597836  
Conc: 51.46 ng/ml



#20 Methoxychlor

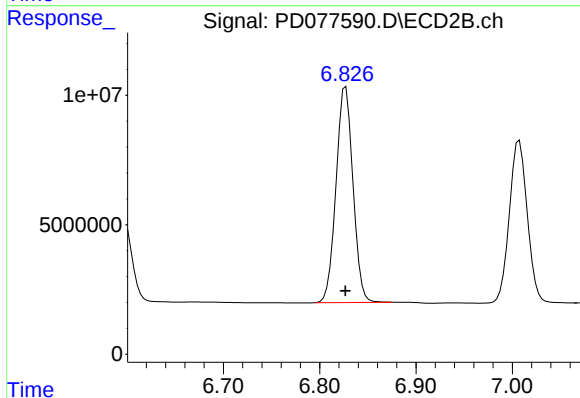
R.T.: 6.597 min  
Delta R.T.: 0.000 min  
Response: 40945249  
Conc: 52.88 ng/ml



#21 Endrin ketone

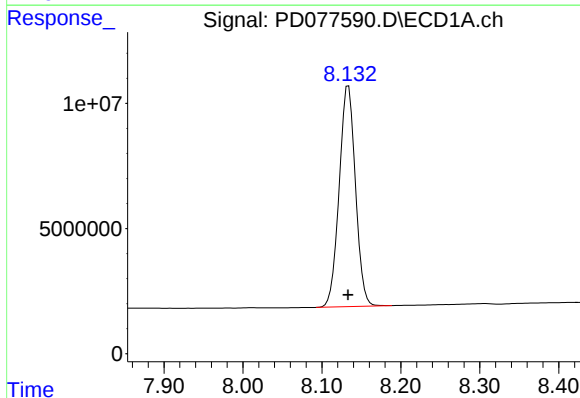
R.T.: 7.659 min  
Delta R.T.: 0.000 min  
Response: 169854464  
Conc: 52.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB155211BS



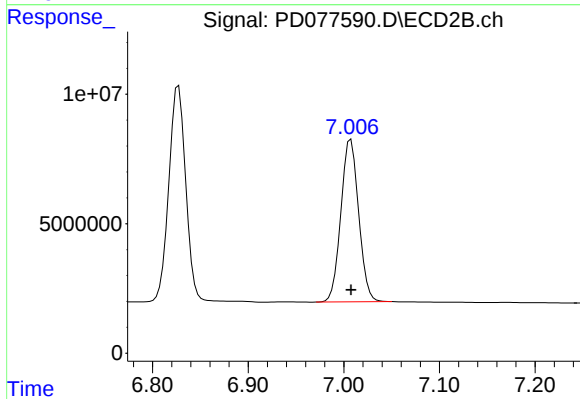
#21 Endrin ketone

R.T.: 6.827 min  
Delta R.T.: 0.000 min  
Response: 101885620  
Conc: 53.89 ng/ml



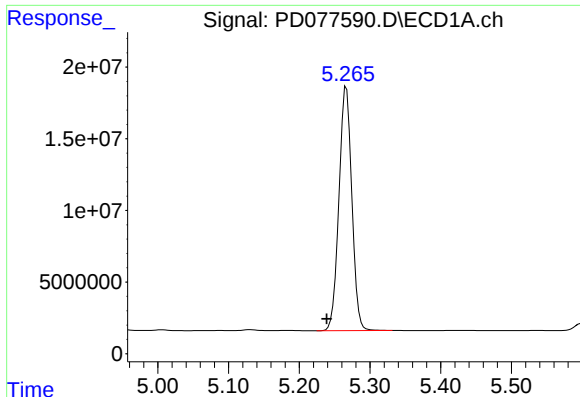
#22 Mirex

R.T.: 8.134 min  
Delta R.T.: 0.000 min  
Response: 126463656  
Conc: 52.58 ng/ml



#22 Mirex

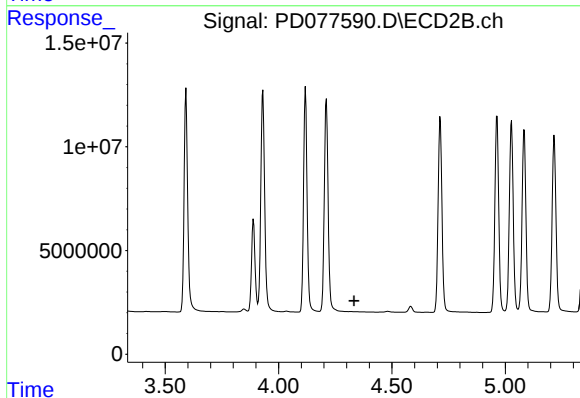
R.T.: 7.007 min  
Delta R.T.: 0.000 min  
Response: 81255960  
Conc: 53.06 ng/ml



#24 Chlordane-2

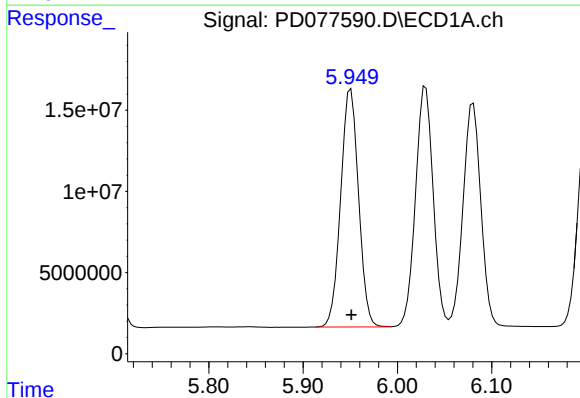
R.T.: 5.267 min  
Delta R.T.: 0.028 min  
Response: 215172200  
Conc: 1685.88 ng/m

Instrument :  
ECD\_D  
ClientSampleId :  
PB155211BS



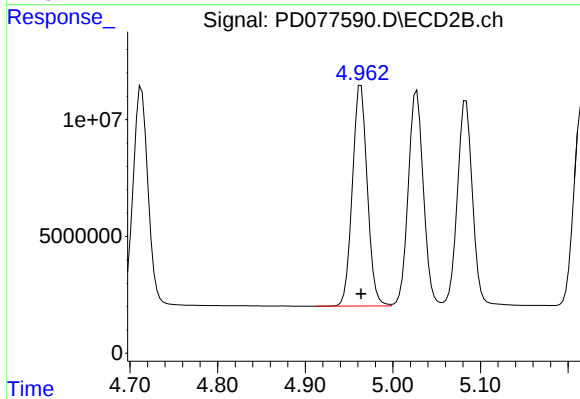
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.333 min  
Response: 0  
Conc: N.D.



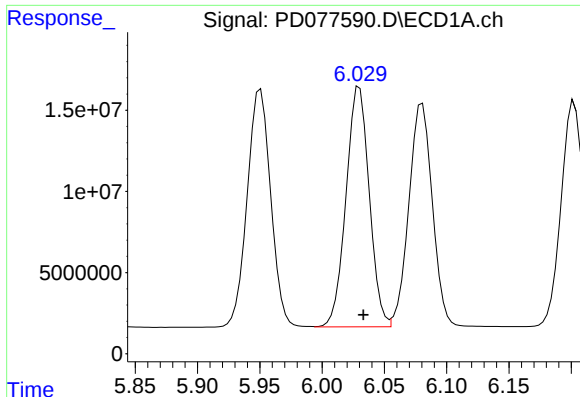
#25 Chlordane-3

R.T.: 5.951 min  
Delta R.T.: 0.000 min  
Response: 193259320  
Conc: 384.69 ng/ml



#25 Chlordane-3

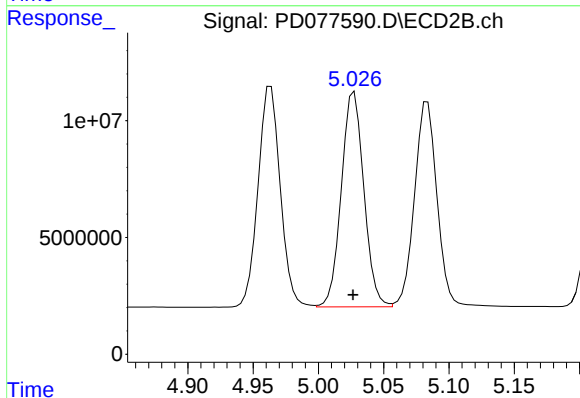
R.T.: 4.964 min  
Delta R.T.: 0.000 min  
Response: 111998375  
Conc: 570.83 ng/ml



#26 Chlordane-4

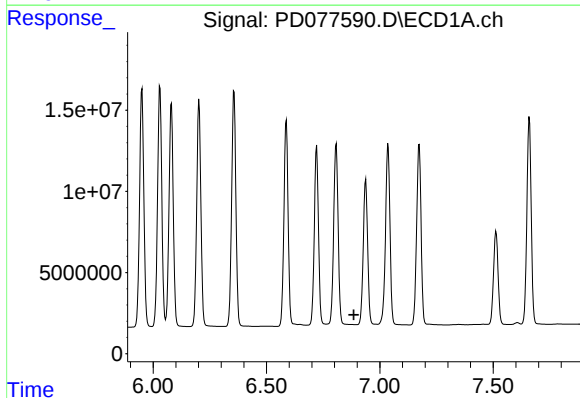
R.T.: 6.030 min  
Delta R.T.: -0.003 min  
Response: 192839680  
Conc: 313.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB155211BS



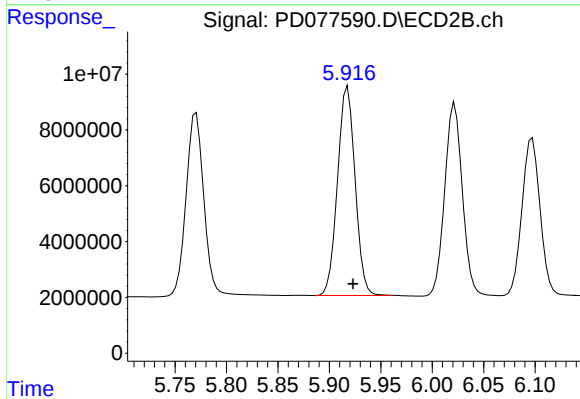
#26 Chlordane-4

R.T.: 5.027 min  
Delta R.T.: 0.000 min  
Response: 110643935  
Conc: 584.73 ng/ml



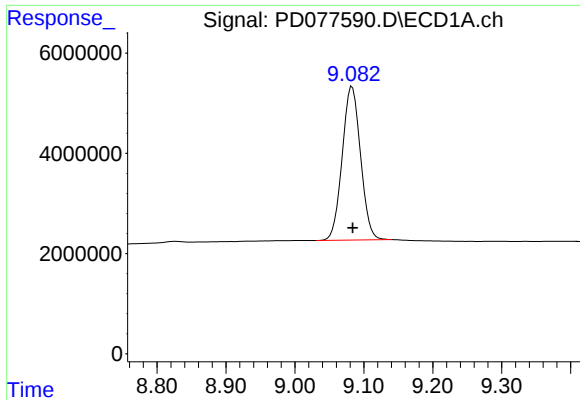
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.885 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

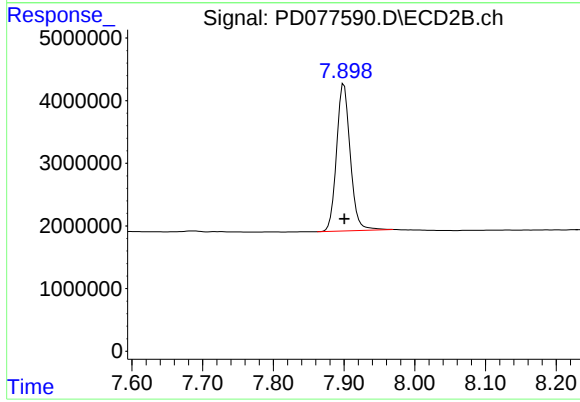
R.T.: 5.918 min  
Delta R.T.: -0.005 min  
Response: 89091107  
Conc: 1384.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.083 min  
Delta R.T.: 0.000 min  
Response: 56689107  
Conc: 18.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB155211BS



#28 Decachlorobiphenyl

R.T.: 7.900 min  
Delta R.T.: 0.000 min  
Response: 31559656  
Conc: 18.29 ng/ml