

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070622\  
 Data File : PD070731.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Jul 2022 11:22  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 07 00:05:23 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD070522.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 05 15:26:13 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... | 3.488 | 4.123 | 112.5E6  | 1280.9E6 | 46.096 | 49.530   |
| 2)                          | SA Decachlor... | 8.267 | 9.313 | 116.2E6  | 396.0E6  | 46.876 | 48.132   |
| Target Compounds            |                 |       |       |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.932 | 4.528 | 165.2E6  | 1958.3E6 | 47.058 | 53.290   |
| 3)                          | MA gamma-BHC... | 4.217 | 4.821 | 156.4E6  | 1668.4E6 | 45.951 | 51.350   |
| 4)                          | MA Heptachlor   | 4.518 | 5.337 | 157.6E6  | 1618.3E6 | 46.741 | 52.239   |
| 5)                          | MB Aldrin       | 4.768 | 5.648 | 156.9E6  | 1447.1E6 | 47.528 | 51.329   |
| 6)                          | B beta-BHC      | 4.466 | 4.997 | 64125804 | 802.1E6  | 43.943 | 58.671 # |
| 7)                          | B delta-BHC     | 4.673 | 5.221 | 154.8E6  | 1550.3E6 | 47.306 | 54.198   |
| 8)                          | B Heptachlo...  | 5.214 | 6.043 | 140.5E6  | 1197.4E6 | 46.632 | 52.621   |
| 9)                          | A Endosulfan I  | 5.554 | 6.408 | 128.5E6  | 1035.7E6 | 45.908 | 50.573   |
| 10)                         | B gamma-Chl...  | 5.441 | 6.279 | 144.8E6  | 1180.6E6 | 46.686 | 51.772   |
| 11)                         | B alpha-Chl...  | 5.500 | 6.353 | 141.5E6  | 1115.5E6 | 46.511 | 50.640   |
| 12)                         | B 4,4'-DDE      | 5.666 | 6.508 | 137.5E6  | 1040.7E6 | 47.287 | 50.892   |
| 13)                         | MA Dieldrin     | 5.799 | 6.669 | 142.0E6  | 1026.1E6 | 47.202 | 50.626   |
| 14)                         | MA Endrin       | 6.058 | 6.892 | 126.7E6  | 757.6E6  | 47.118 | 49.216   |
| 15)                         | B Endosulfa...  | 6.332 | 7.106 | 115.4E6  | 733.8E6  | 48.616 | 49.984   |
| 16)                         | A 4,4'-DDD      | 6.184 | 7.007 | 116.5E6  | 702.2E6  | 47.731 | 49.616   |
| 17)                         | MA 4,4'-DDT     | 6.426 | 7.308 | 122.9E6  | 760.4E6  | 49.233 | 49.908   |
| 18)                         | B Endrin al...  | 6.501 | 7.231 | 87780764 | 564.2E6  | 47.219 | 49.276   |
| 19)                         | B Endosulfa...  | 6.714 | 7.455 | 114.2E6  | 685.0E6  | 47.011 | 49.913   |
| 20)                         | A Methoxychlor  | 6.977 | 7.768 | 67467165 | 338.5E6  | 47.202 | 49.359   |
| 21)                         | B Endrin ke...  | 7.208 | 7.936 | 130.3E6  | 630.3E6  | 48.989 | 49.116   |
| 22)                         | Mirex           | 7.396 | 8.390 | 101.1E6  | 389.7E6  | 46.177 | 48.803   |
| -----                       |                 |       |       |          |          |        |          |

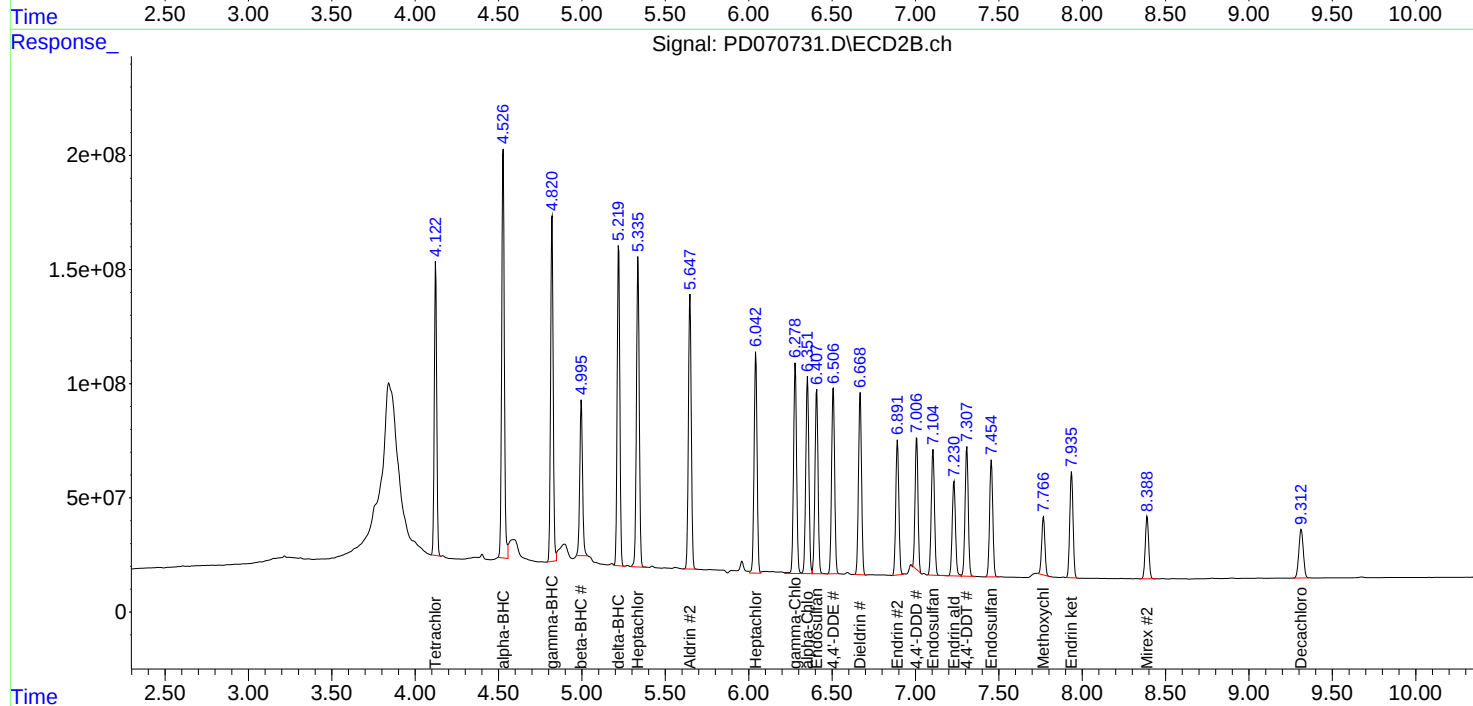
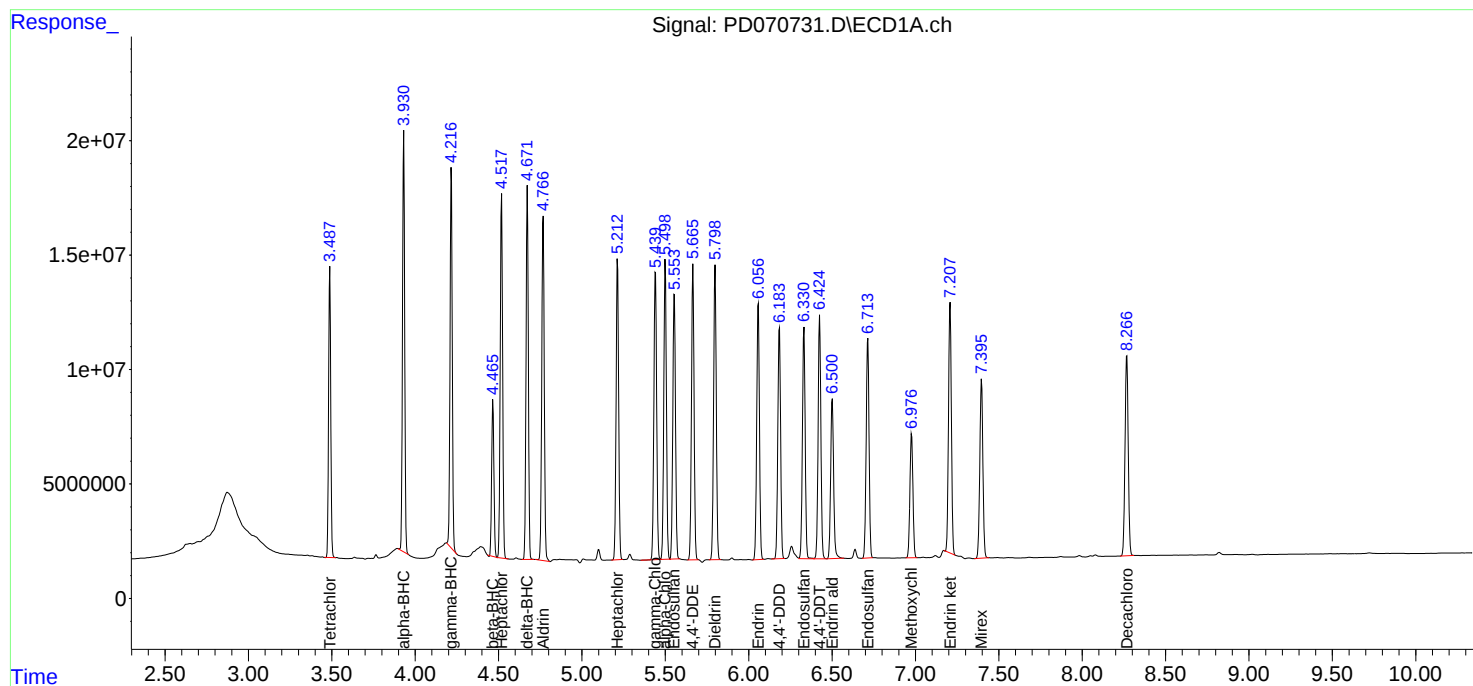
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

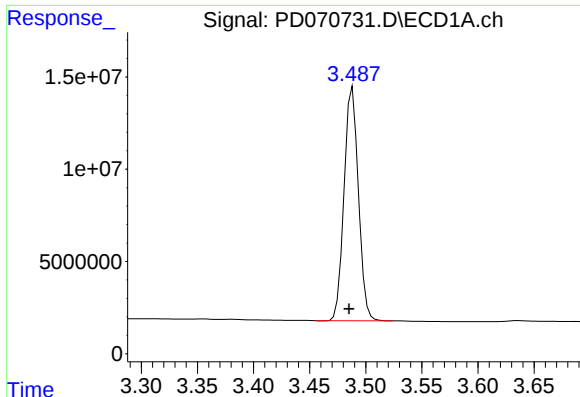
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070622\  
Data File : PD070731.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Jul 2022 11:22  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 07 00:05:23 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD070522.M  
Quant Title : GC Extractables  
QLast Update : Tue Jul 05 15:26:13 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

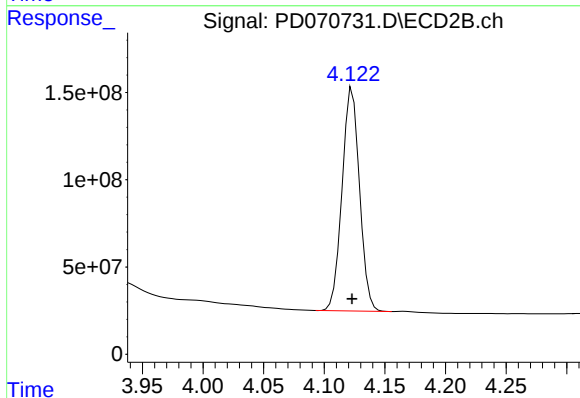




#1 Tetrachloro-m-xylene

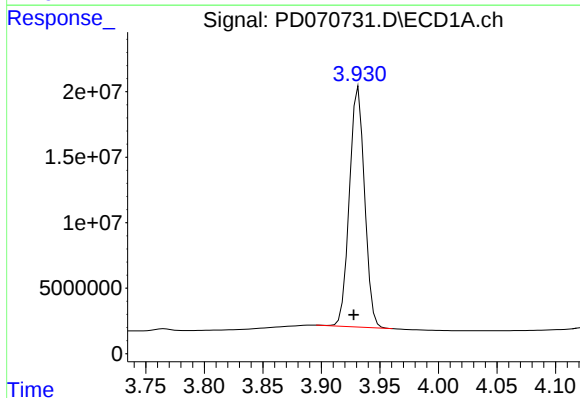
R.T.: 3.488 min  
Delta R.T.: 0.003 min  
Response: 112532898  
Conc: 46.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



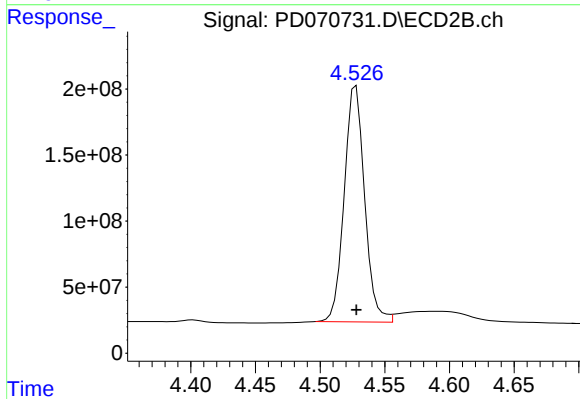
#1 Tetrachloro-m-xylene

R.T.: 4.123 min  
Delta R.T.: 0.000 min  
Response: 1280892584  
Conc: 49.53 ng/ml



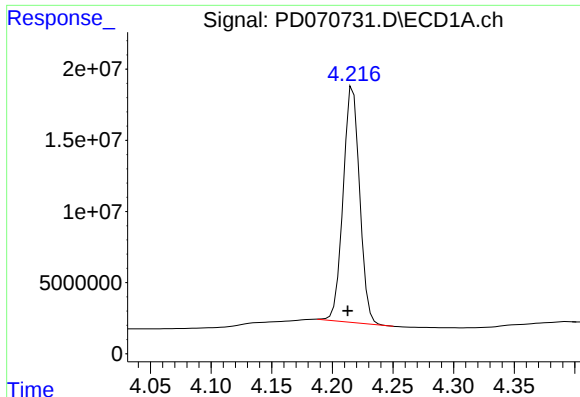
#2 alpha-BHC

R.T.: 3.932 min  
Delta R.T.: 0.004 min  
Response: 165245804  
Conc: 47.06 ng/ml



#2 alpha-BHC

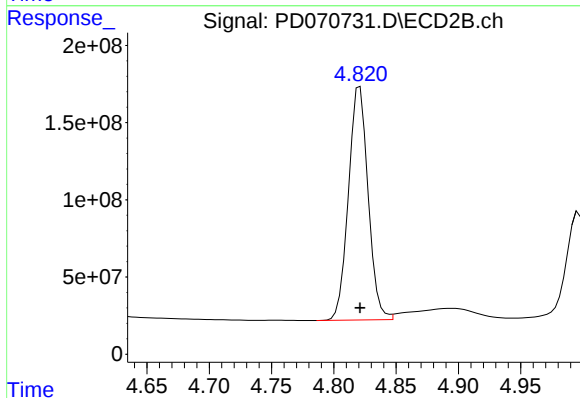
R.T.: 4.528 min  
Delta R.T.: 0.000 min  
Response: 1958344785  
Conc: 53.29 ng/ml



#3 gamma-BHC (Lindane)

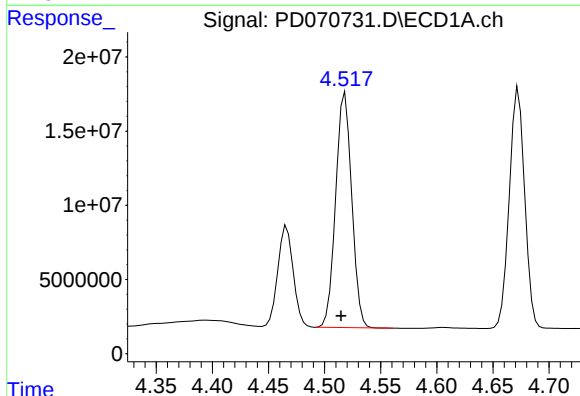
R.T.: 4.217 min  
Delta R.T.: 0.004 min  
Response: 156360607  
Conc: 45.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



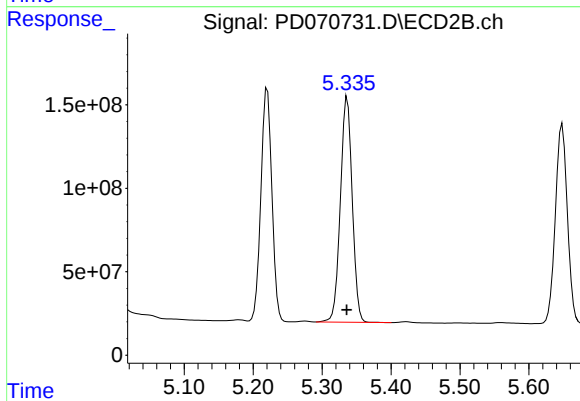
#3 gamma-BHC (Lindane)

R.T.: 4.821 min  
Delta R.T.: 0.000 min  
Response: 1668371007  
Conc: 51.35 ng/ml



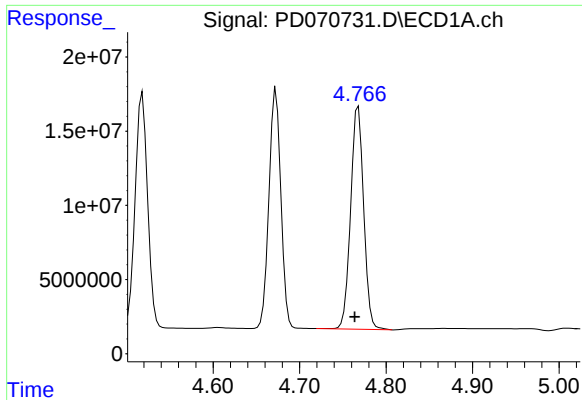
#4 Heptachlor

R.T.: 4.518 min  
Delta R.T.: 0.004 min  
Response: 157636715  
Conc: 46.74 ng/ml



#4 Heptachlor

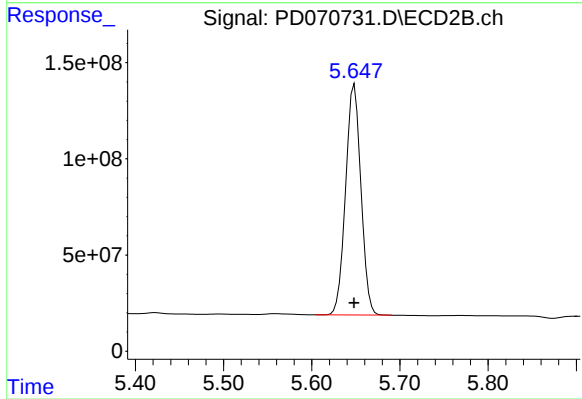
R.T.: 5.337 min  
Delta R.T.: 0.000 min  
Response: 1618281488  
Conc: 52.24 ng/ml



#5 Aldrin

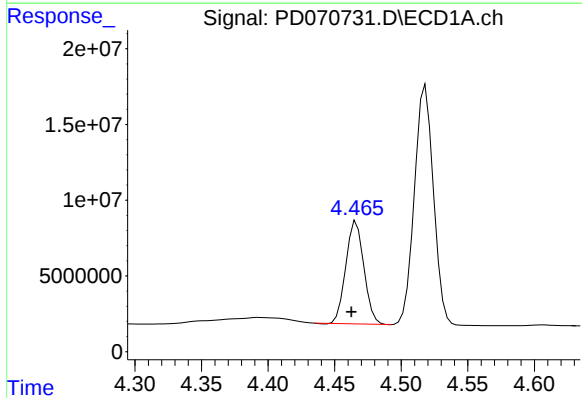
R.T.: 4.768 min  
Delta R.T.: 0.004 min  
Response: 156891367  
Conc: 47.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



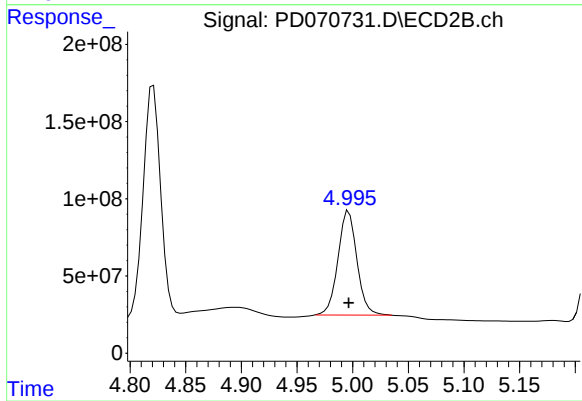
#5 Aldrin

R.T.: 5.648 min  
Delta R.T.: 0.000 min  
Response: 1447129238  
Conc: 51.33 ng/ml



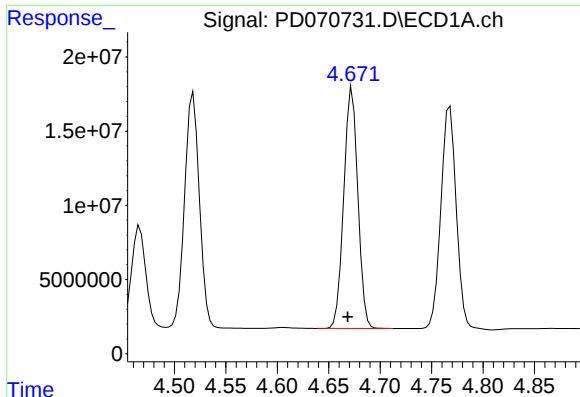
#6 beta-BHC

R.T.: 4.466 min  
Delta R.T.: 0.004 min  
Response: 64125804  
Conc: 43.94 ng/ml



#6 beta-BHC

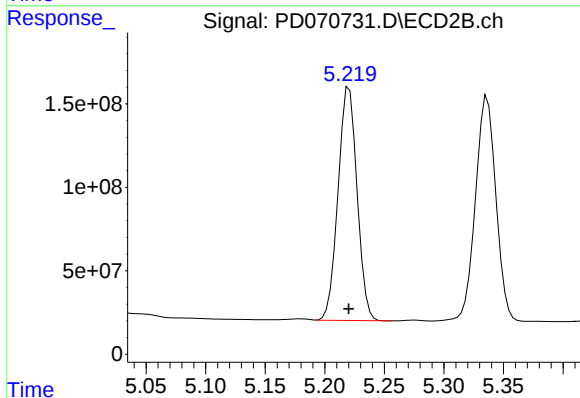
R.T.: 4.997 min  
Delta R.T.: 0.000 min  
Response: 802070184  
Conc: 58.67 ng/ml



#7 delta-BHC

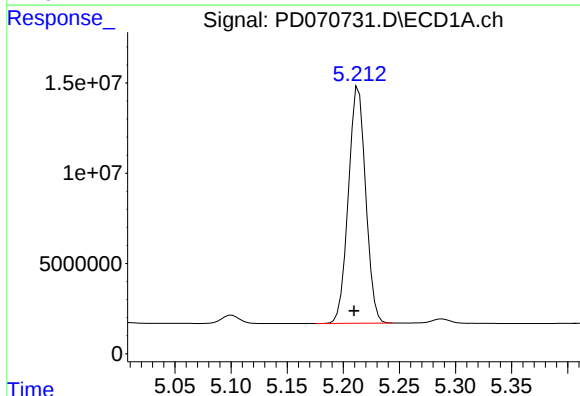
R.T.: 4.673 min  
Delta R.T.: 0.004 min  
Response: 154764098  
Conc: 47.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



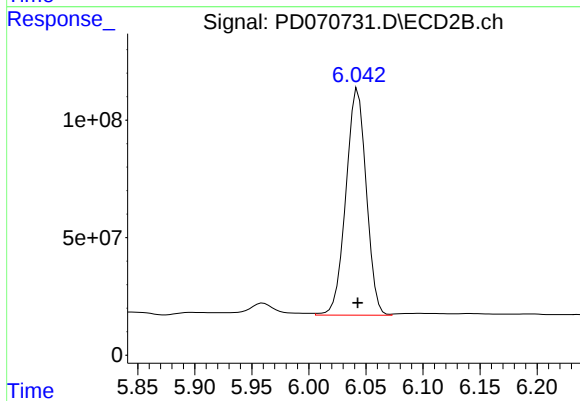
#7 delta-BHC

R.T.: 5.221 min  
Delta R.T.: 0.000 min  
Response: 1550334033  
Conc: 54.20 ng/ml



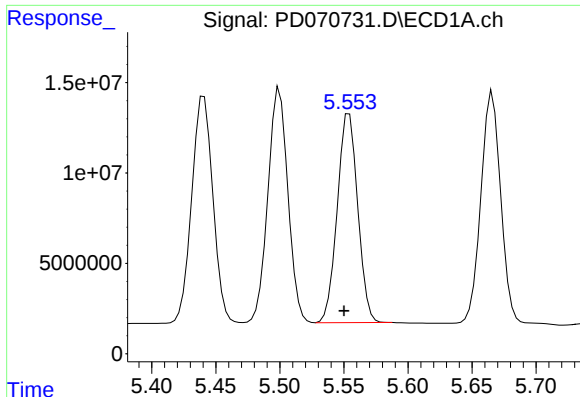
#8 Heptachlor epoxide

R.T.: 5.214 min  
Delta R.T.: 0.004 min  
Response: 140502728  
Conc: 46.63 ng/ml



#8 Heptachlor epoxide

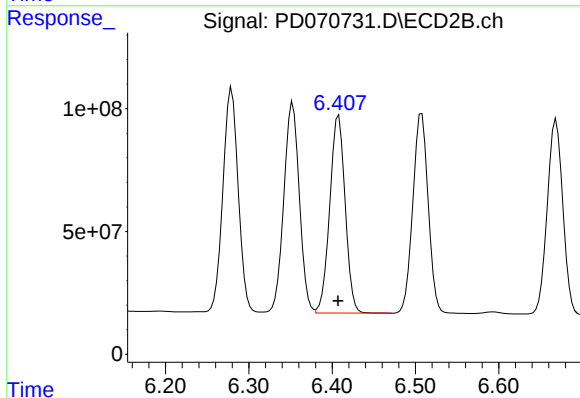
R.T.: 6.043 min  
Delta R.T.: 0.000 min  
Response: 1197436754  
Conc: 52.62 ng/ml



#9 Endosulfan I

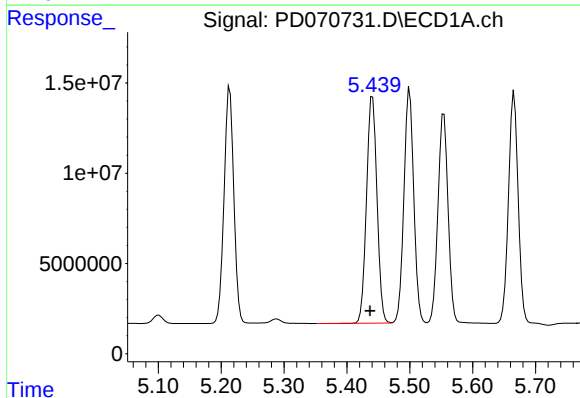
R.T.: 5.554 min  
Delta R.T.: 0.004 min  
Response: 128533800  
Conc: 45.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



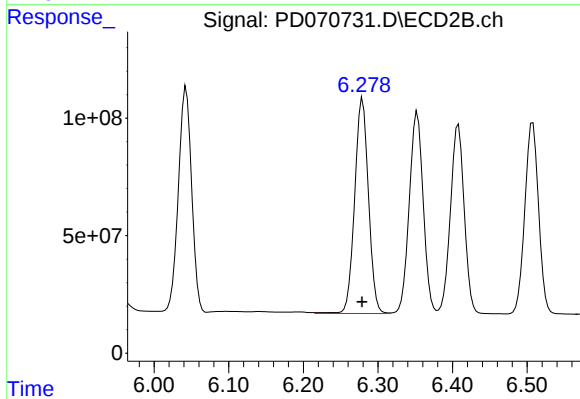
#9 Endosulfan I

R.T.: 6.408 min  
Delta R.T.: 0.000 min  
Response: 1035656615  
Conc: 50.57 ng/ml



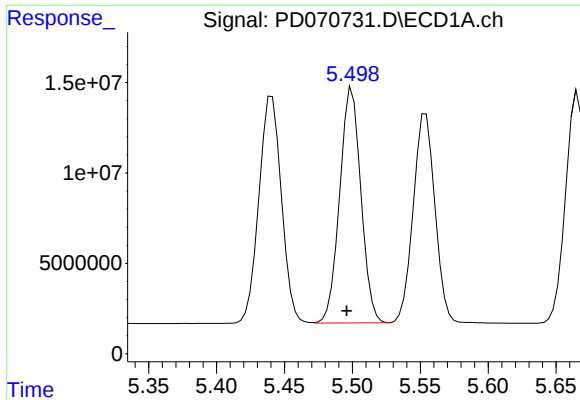
#10 gamma-Chlordane

R.T.: 5.441 min  
Delta R.T.: 0.004 min  
Response: 144808976  
Conc: 46.69 ng/ml



#10 gamma-Chlordane

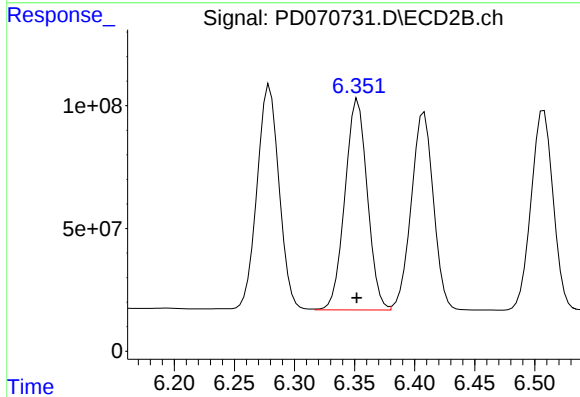
R.T.: 6.279 min  
Delta R.T.: 0.000 min  
Response: 1180646545  
Conc: 51.77 ng/ml



#11 alpha-Chlordane

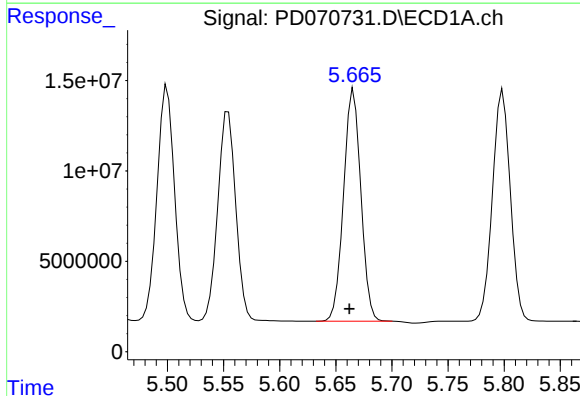
R.T.: 5.500 min  
Delta R.T.: 0.004 min  
Response: 141463413  
Conc: 46.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



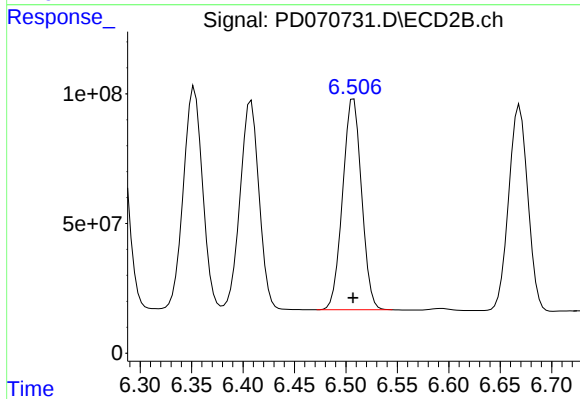
#11 alpha-Chlordane

R.T.: 6.353 min  
Delta R.T.: 0.001 min  
Response: 1115500641  
Conc: 50.64 ng/ml



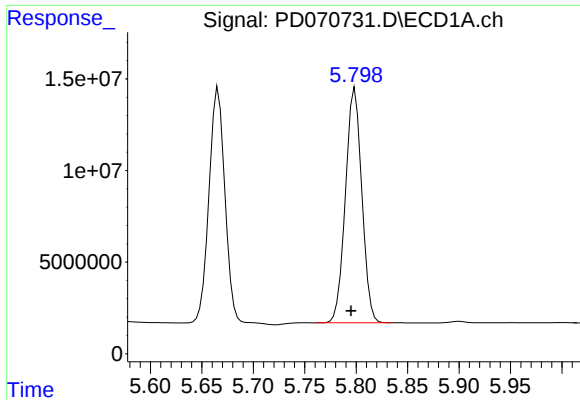
#12 4,4'-DDE

R.T.: 5.666 min  
Delta R.T.: 0.004 min  
Response: 137477591  
Conc: 47.29 ng/ml



#12 4,4'-DDE

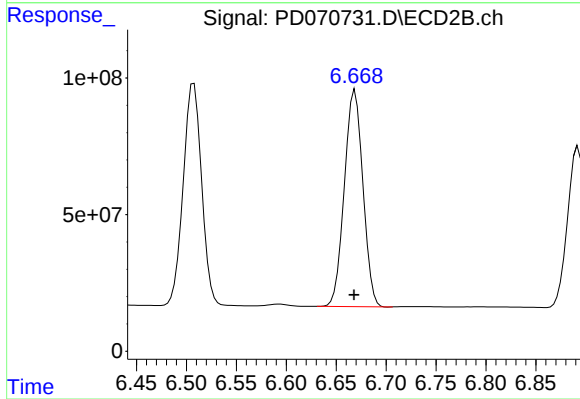
R.T.: 6.508 min  
Delta R.T.: 0.000 min  
Response: 1040704044  
Conc: 50.89 ng/ml



#13 Dieldrin

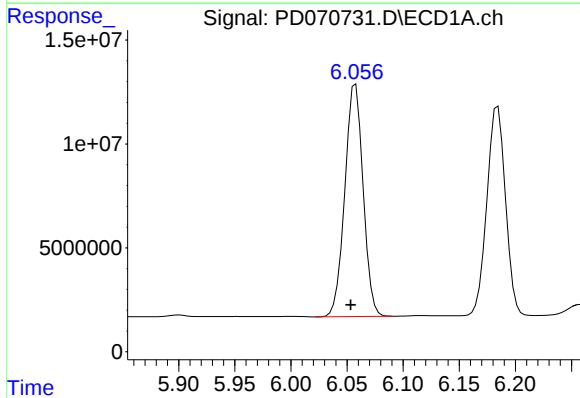
R.T.: 5.799 min  
Delta R.T.: 0.004 min  
Response: 142017265  
Conc: 47.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



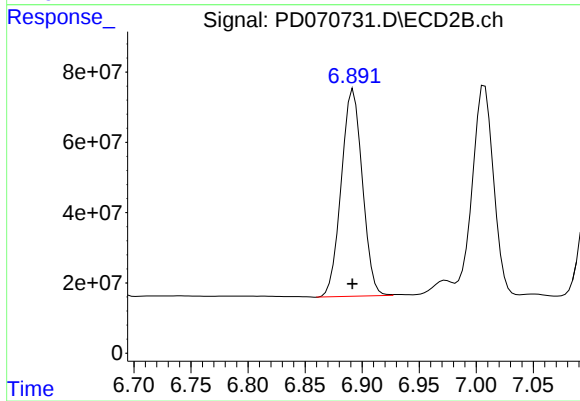
#13 Dieldrin

R.T.: 6.669 min  
Delta R.T.: 0.000 min  
Response: 1026103694  
Conc: 50.63 ng/ml



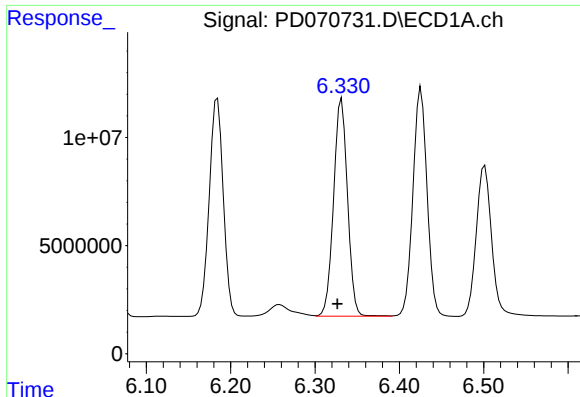
#14 Endrin

R.T.: 6.058 min  
Delta R.T.: 0.004 min  
Response: 126673370  
Conc: 47.12 ng/ml



#14 Endrin

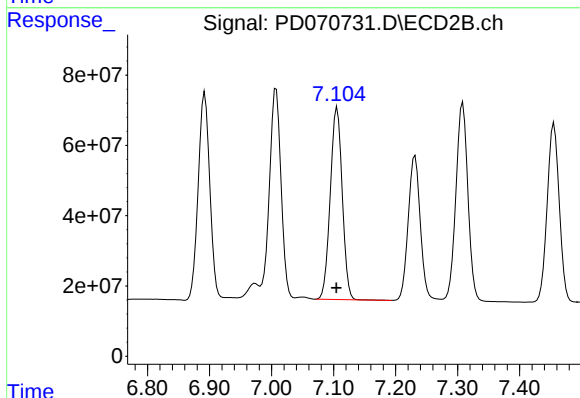
R.T.: 6.892 min  
Delta R.T.: 0.000 min  
Response: 757610112  
Conc: 49.22 ng/ml



#15 Endosulfan II

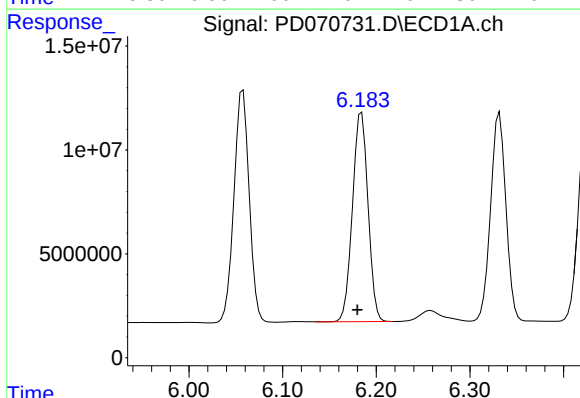
R.T.: 6.332 min  
Delta R.T.: 0.005 min  
Response: 115423311  
Conc: 48.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



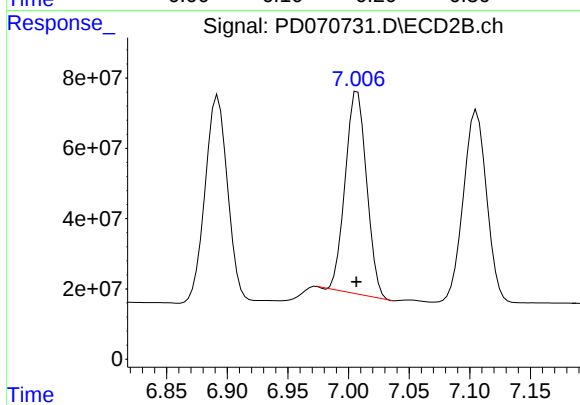
#15 Endosulfan II

R.T.: 7.106 min  
Delta R.T.: 0.001 min  
Response: 733804804  
Conc: 49.98 ng/ml



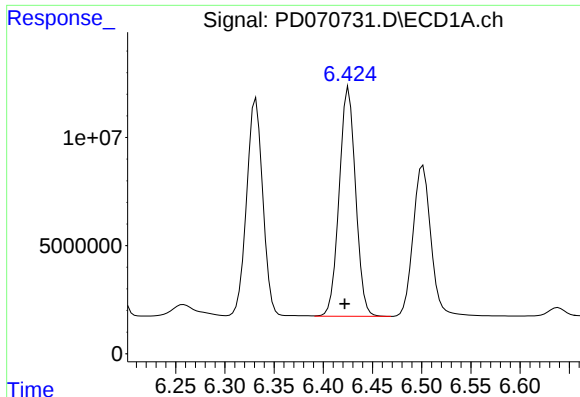
#16 4,4'-DDD

R.T.: 6.184 min  
Delta R.T.: 0.005 min  
Response: 116472845  
Conc: 47.73 ng/ml



#16 4,4'-DDD

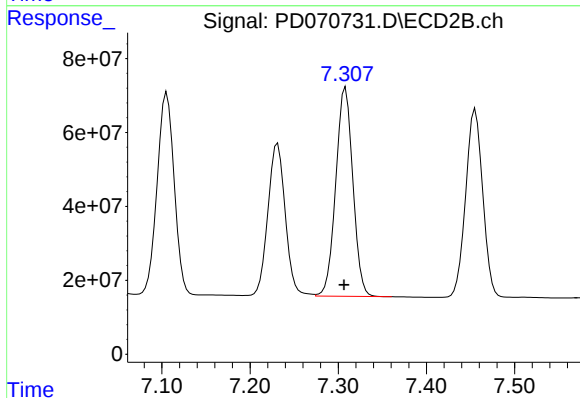
R.T.: 7.007 min  
Delta R.T.: 0.000 min  
Response: 702190069  
Conc: 49.62 ng/ml



#17 4,4'-DDT

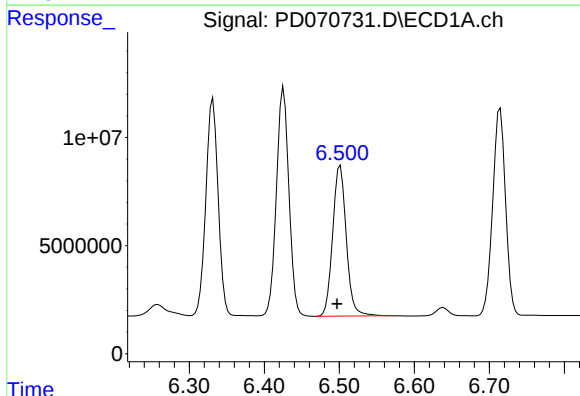
R.T.: 6.426 min  
Delta R.T.: 0.004 min  
Response: 122923304  
Conc: 49.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



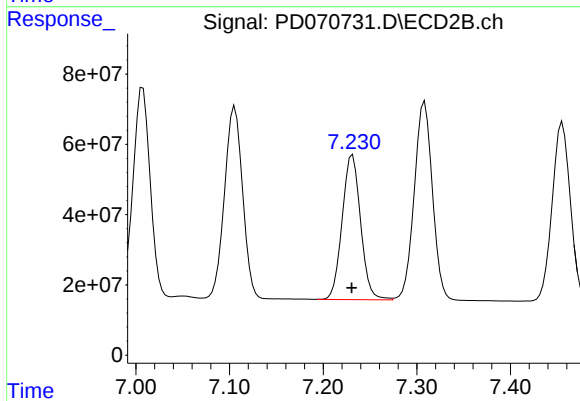
#17 4,4'-DDT

R.T.: 7.308 min  
Delta R.T.: 0.002 min  
Response: 760442803  
Conc: 49.91 ng/ml



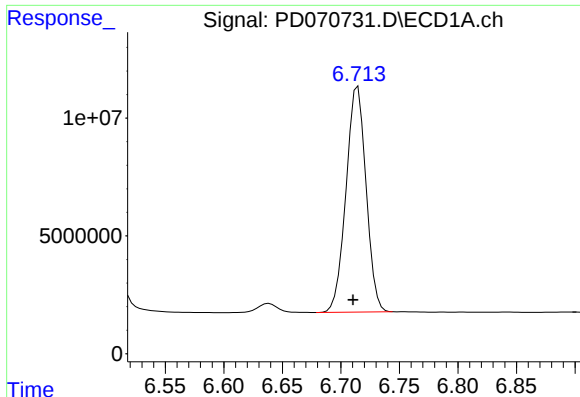
#18 Endrin aldehyde

R.T.: 6.501 min  
Delta R.T.: 0.004 min  
Response: 87780764  
Conc: 47.22 ng/ml



#18 Endrin aldehyde

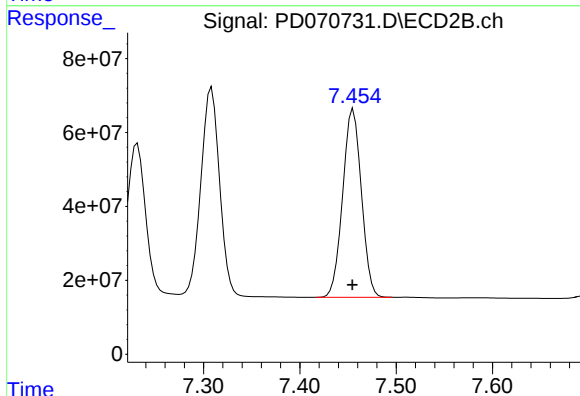
R.T.: 7.231 min  
Delta R.T.: 0.001 min  
Response: 564224696  
Conc: 49.28 ng/ml



#19 Endosulfan Sulfate

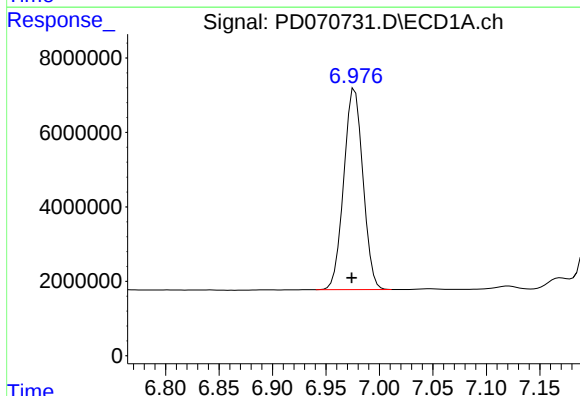
R.T.: 6.714 min  
Delta R.T.: 0.004 min  
Response: 114184446  
Conc: 47.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



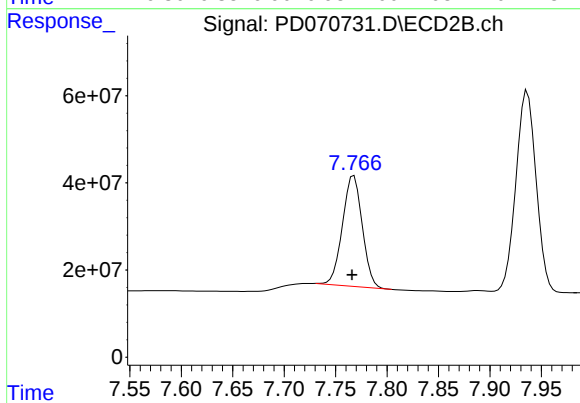
#19 Endosulfan Sulfate

R.T.: 7.455 min  
Delta R.T.: 0.000 min  
Response: 684951899  
Conc: 49.91 ng/ml



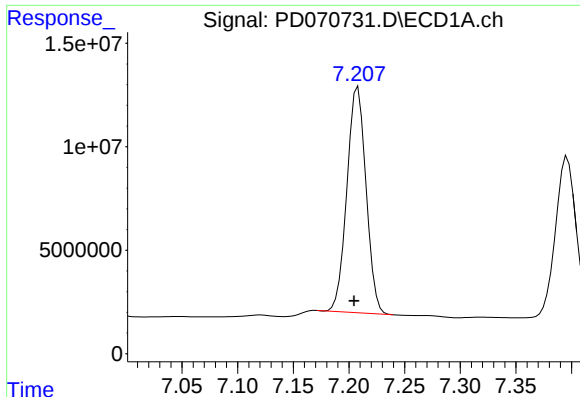
#20 Methoxychlor

R.T.: 6.977 min  
Delta R.T.: 0.003 min  
Response: 67467165  
Conc: 47.20 ng/ml



#20 Methoxychlor

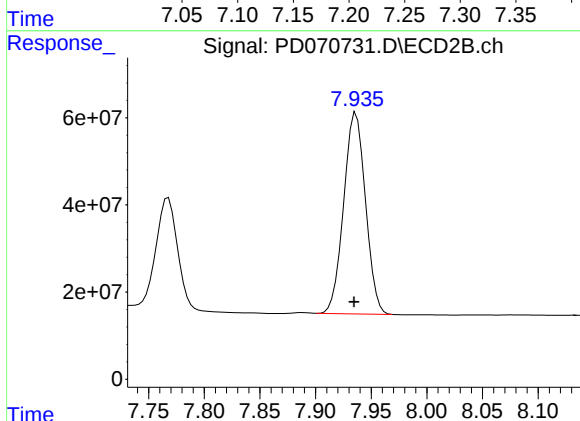
R.T.: 7.768 min  
Delta R.T.: 0.002 min  
Response: 338503788  
Conc: 49.36 ng/ml



#21 Endrin ketone

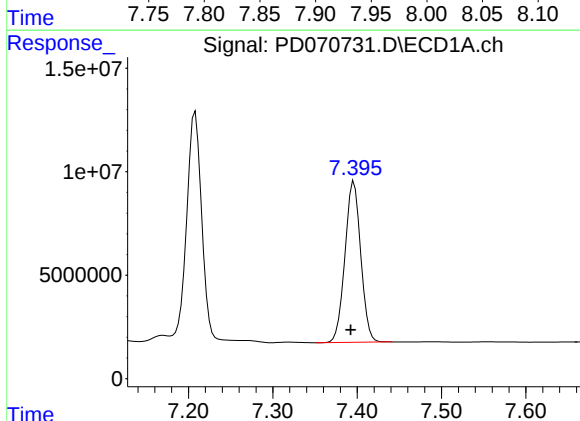
R.T.: 7.208 min  
Delta R.T.: 0.003 min  
Response: 130321341  
Conc: 48.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



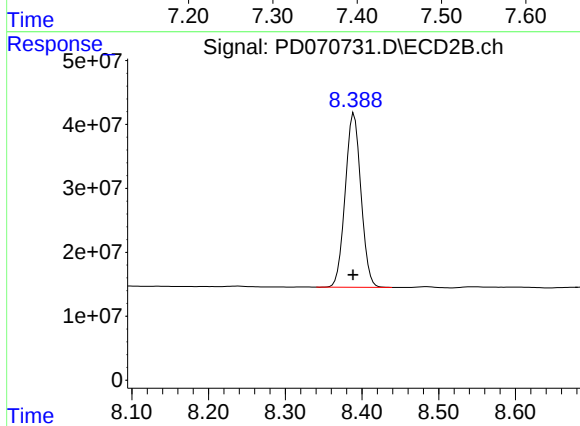
#21 Endrin ketone

R.T.: 7.936 min  
Delta R.T.: 0.002 min  
Response: 630281163  
Conc: 49.12 ng/ml



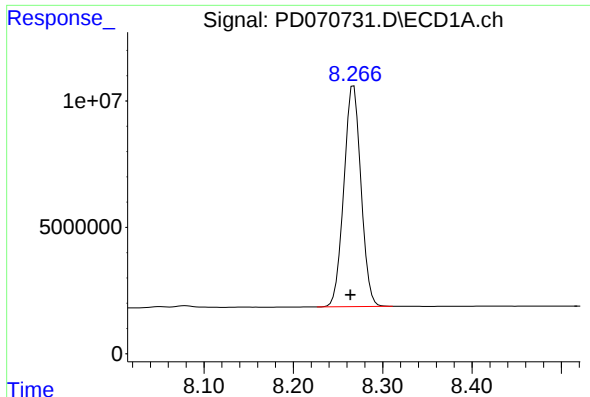
#22 Mirex

R.T.: 7.396 min  
Delta R.T.: 0.004 min  
Response: 101073854  
Conc: 46.18 ng/ml



#22 Mirex

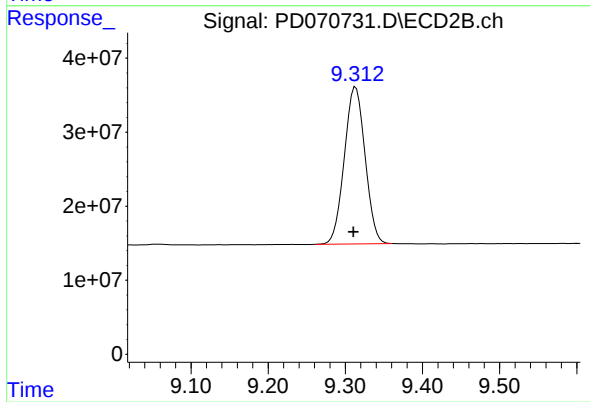
R.T.: 8.390 min  
Delta R.T.: 0.001 min  
Response: 389737577  
Conc: 48.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.267 min  
Delta R.T.: 0.004 min  
Response: 116230595  
Conc: 46.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 9.313 min  
Delta R.T.: 0.003 min  
Response: 395980494  
Conc: 48.13 ng/ml