

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD041824\  
 Data File : PD082481.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Apr 2024 16:31  
 Operator : AR\AJ  
 Sample : P2039-06MS 10X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 E1CY1MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 16 21:21:48 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041124CLP-TCLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 10 06:17:48 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 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

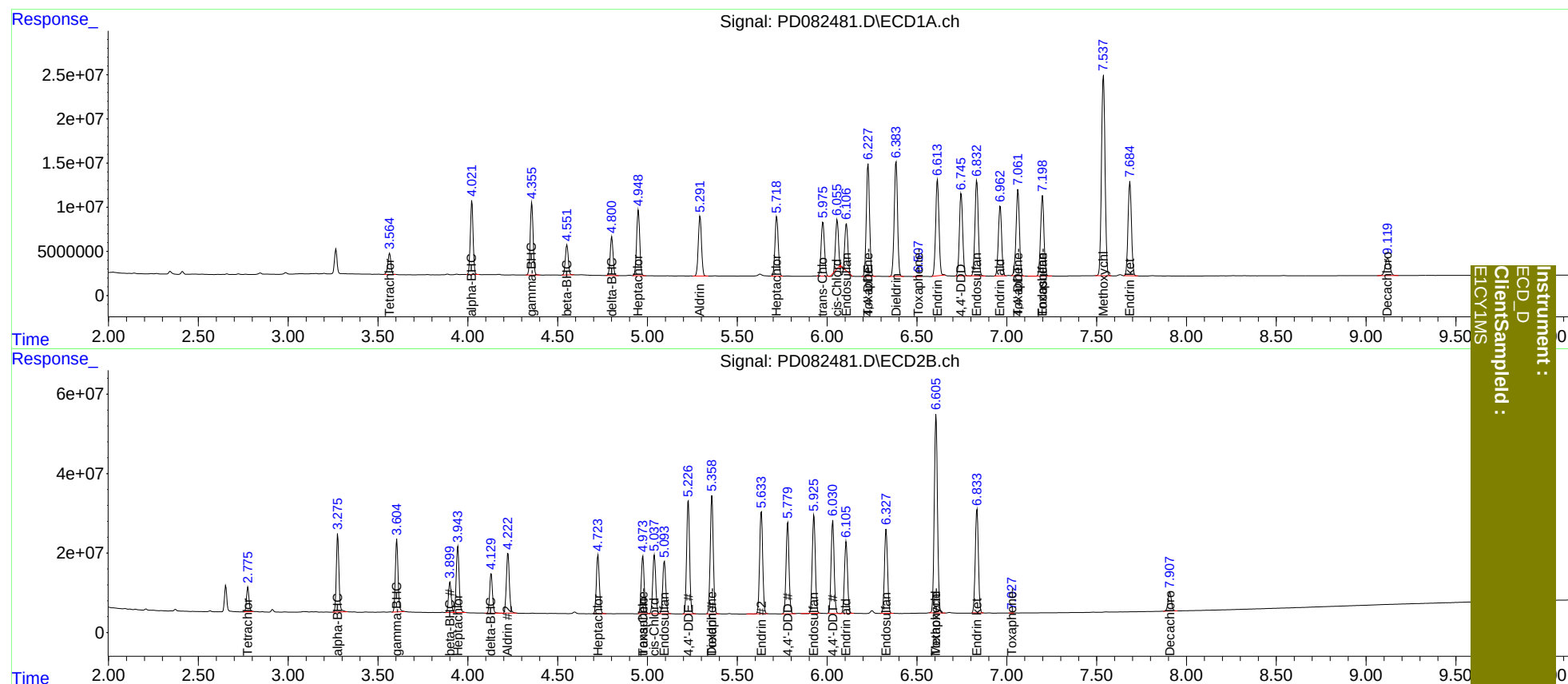
|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml     | ng/ml       |
|-----------------------------|-----------------|--------|-------|----------|----------|-----------|-------------|
| -----                       |                 |        |       |          |          |           |             |
| System Monitoring Compounds |                 |        |       |          |          |           |             |
| 1)                          | SA Tetrachlo... | 3.565  | 2.776 | 27930931 | 59648491 | 18.218    | 17.188      |
| 27)                         | SA Decachlor... | 9.120  | 7.908 | 35366501 | 61987711 | 18.283    | 18.845      |
| Target Compounds            |                 |        |       |          |          |           |             |
| 2)                          | A alpha-BHC     | 4.023  | 3.276 | 90027884 | 198.9E6  | 33.952    | 36.288      |
| 3)                          | MA gamma-BHC... | 4.356  | 3.605 | 91979697 | 189.9E6  | 36.109    | 37.931      |
| 4)                          | MA Heptachlor   | 4.949  | 3.944 | 89921071 | 188.5E6  | 33.827    | 39.011      |
| 5)                          | MB Aldrin       | 5.293  | 4.224 | 84065062 | 175.7E6  | 34.038    | 37.841      |
| 6)                          | B beta-BHC      | 4.552  | 3.901 | 38385291 | 80126265 | 35.505    | 37.797      |
| 7)                          | B delta-BHC     | 4.802  | 4.130 | 49136009 | 107.9E6  | 19.098    | 21.344      |
| 8)                          | B Heptachlo...  | 5.720  | 4.725 | 85162012 | 171.0E6  | 37.555    | 39.334      |
| 9)                          | A Endosulfan I  | 6.107  | 5.094 | 53054352 | 155.4E6  | 25.035    | 40.404 #    |
| 10)                         | B trans-Chl...  | 5.977  | 4.974 | 79455999 | 169.1E6  | 36.943    | 40.973      |
| 11)                         | B cis-Chlor...  | 6.056  | 5.039 | 60142864 | 171.9E6  | 27.331    | 41.518 #    |
| 12)                         | B 4,4'-DDE      | 6.228  | 5.227 | 159.9E6  | 328.3E6  | 74.528    | 82.671      |
| 13)                         | MA Dieldrin     | 6.384  | 5.359 | 166.9E6  | 348.9E6  | 73.599    | 80.310      |
| 14)                         | MA Endrin       | 6.614  | 5.634 | 140.2E6  | 307.7E6  | 75.889    | 82.752      |
| 15)                         | B Endosulfa...  | 6.833  | 5.927 | 139.4E6  | 291.8E6  | 73.523    | 81.660      |
| 16)                         | A 4,4'-DDD      | 6.746  | 5.781 | 119.1E6  | 264.6E6  | 74.353    | 83.426      |
| 17)                         | MA 4,4'-DDT     | 7.062  | 6.032 | 126.9E6  | 275.6E6  | 76.626    | 81.356      |
| 18)                         | B Endrin al...  | 6.964  | 6.106 | 102.1E6  | 214.9E6  | 73.450    | 79.091      |
| 19)                         | B Endosulfa...  | 7.199  | 6.329 | 119.3E6  | 252.9E6  | 70.129    | 74.300      |
| 20)                         | A Methoxychlor  | 7.538  | 6.606 | 315.1E6  | 619.8E6  | 368.208   | 373.562     |
| 21)                         | B Endrin ke...  | 7.686  | 6.834 | 140.9E6  | 316.4E6  | 78.866    | 83.352      |
| 22)                         | Toxaphene-1     | 6.228f | 4.974 | 159.9E6  | 169.1E6  | 10151.474 | 7913.098    |
| 23)                         | Toxaphene-2     | 6.509  | 5.359 | 165500   | 348.9E6  | 8.895     | 15374.854 # |
| 24)                         | Toxaphene-3     | 7.062f | 6.606 | 126.9E6  | 619.8E6  | 2425.020  | 7744.406 #  |
| 25)                         | Toxaphene-4     | 7.199  | 6.755 | 119.3E6  | -759222  | 3059.487  | N.D. #      |
| 26)                         | Toxaphene-5     | 0.000  | 7.028 | 0        | 117642   | N.D.      | 2.770       |
| -----                       |                 |        |       |          |          |           |             |

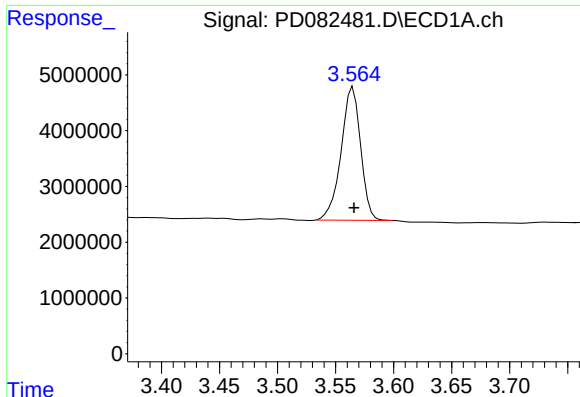
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD041824\  
Data File : PD082481.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Apr 2024 16:31  
Operator : AR\AJ  
Sample : P2039-06MS 10X  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 16 21:21:48 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041124CLP-TCLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 10 06:17:48 2024  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 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

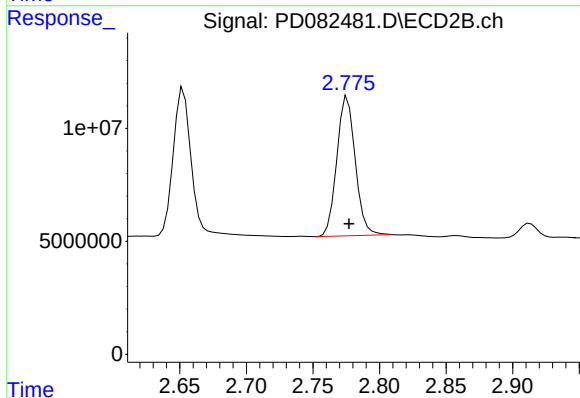




#1 Tetrachloro-m-xylene

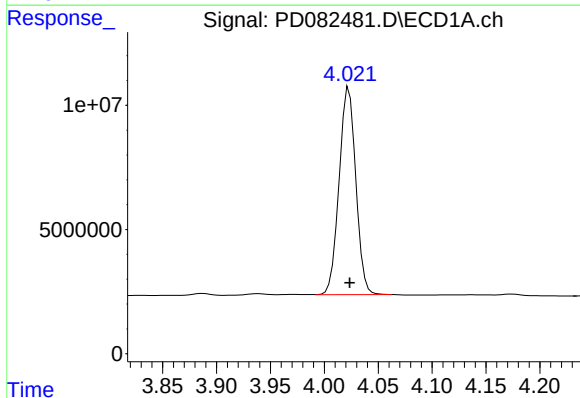
R.T.: 3.565 min  
Delta R.T.: -0.001 min  
Response: 27930931  
Conc: 18.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
E1CY1MS



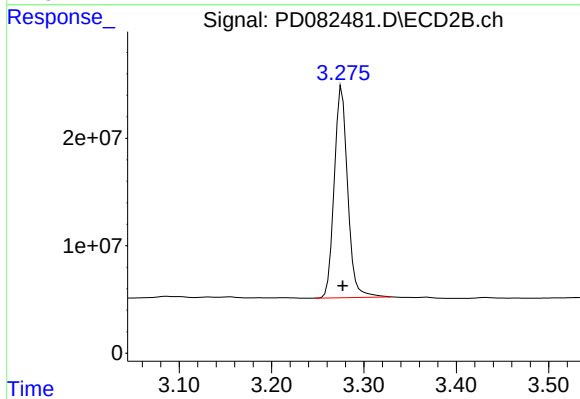
#1 Tetrachloro-m-xylene

R.T.: 2.776 min  
Delta R.T.: -0.001 min  
Response: 59648491  
Conc: 17.19 ng/ml



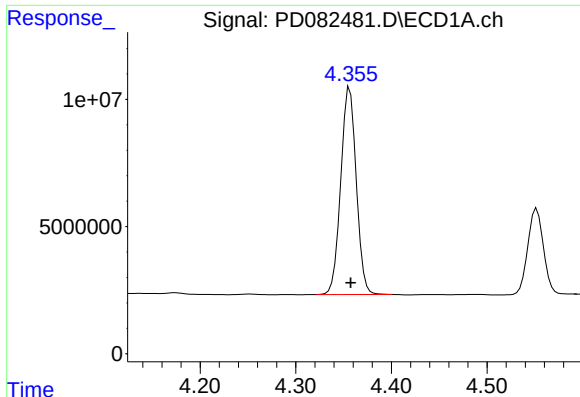
#2 alpha-BHC

R.T.: 4.023 min  
Delta R.T.: 0.000 min  
Response: 90027884  
Conc: 33.95 ng/ml



#2 alpha-BHC

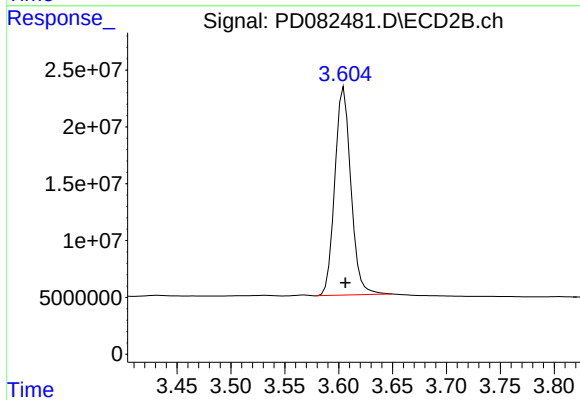
R.T.: 3.276 min  
Delta R.T.: -0.001 min  
Response: 198946054  
Conc: 36.29 ng/ml



#3 gamma-BHC (Lindane)

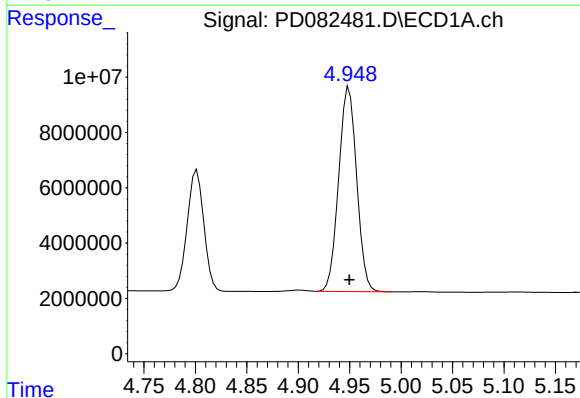
R.T.: 4.356 min  
Delta R.T.: -0.001 min  
Response: 91979697  
Conc: 36.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
E1CY1MS



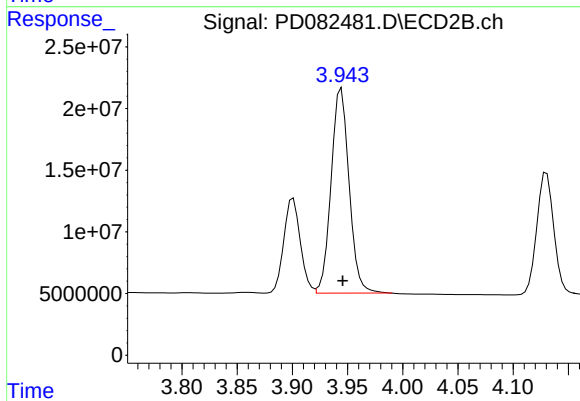
#3 gamma-BHC (Lindane)

R.T.: 3.605 min  
Delta R.T.: -0.001 min  
Response: 189864872  
Conc: 37.93 ng/ml



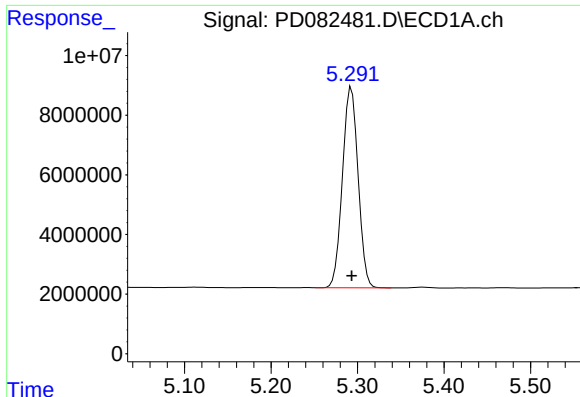
#4 Heptachlor

R.T.: 4.949 min  
Delta R.T.: 0.000 min  
Response: 89921071  
Conc: 33.83 ng/ml



#4 Heptachlor

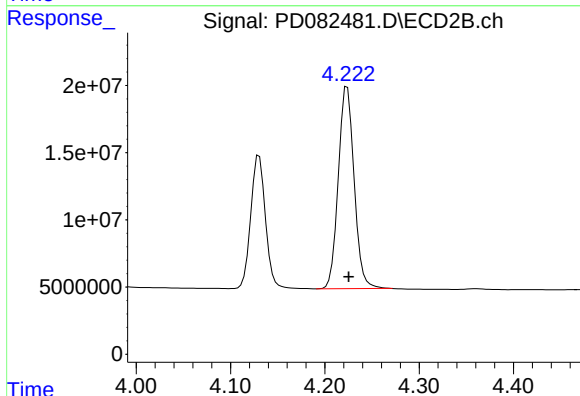
R.T.: 3.944 min  
Delta R.T.: -0.001 min  
Response: 188483009  
Conc: 39.01 ng/ml



#5 Aldrin

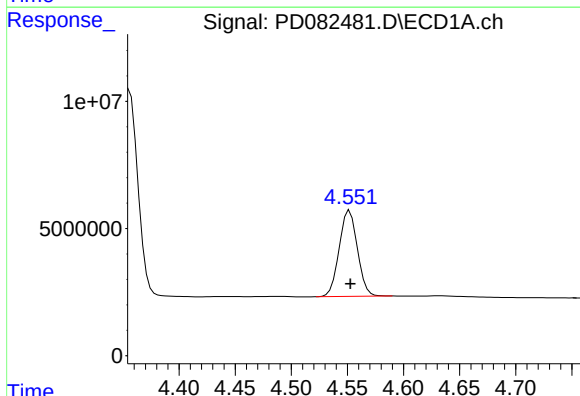
R.T.: 5.293 min  
Delta R.T.: 0.000 min  
Response: 84065062  
Conc: 34.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
E1CY1MS



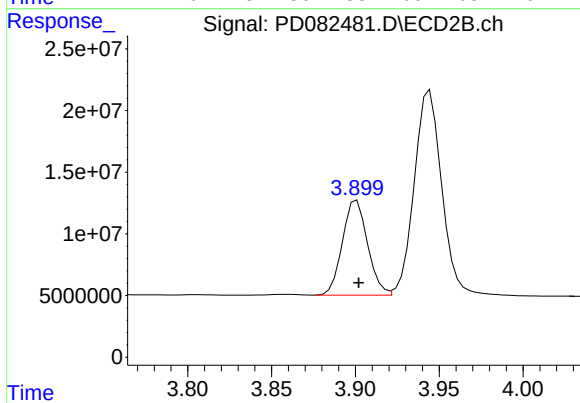
#5 Aldrin

R.T.: 4.224 min  
Delta R.T.: -0.002 min  
Response: 175690875  
Conc: 37.84 ng/ml



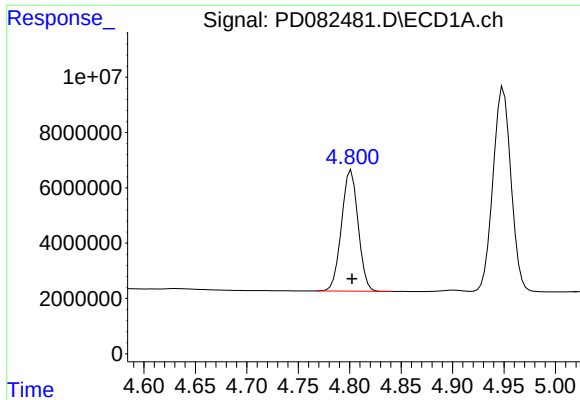
#6 beta-BHC

R.T.: 4.552 min  
Delta R.T.: 0.000 min  
Response: 38385291  
Conc: 35.50 ng/ml



#6 beta-BHC

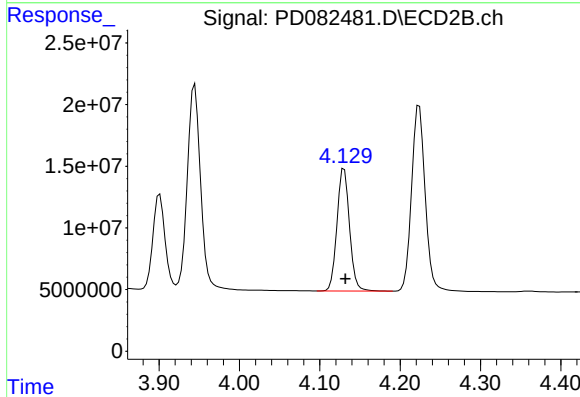
R.T.: 3.901 min  
Delta R.T.: -0.001 min  
Response: 80126265  
Conc: 37.80 ng/ml



#7 delta-BHC

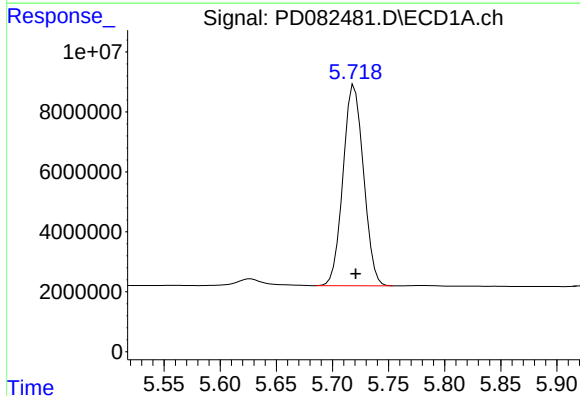
R.T.: 4.802 min  
Delta R.T.: 0.000 min  
Response: 49136009  
Conc: 19.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
E1CY1MS



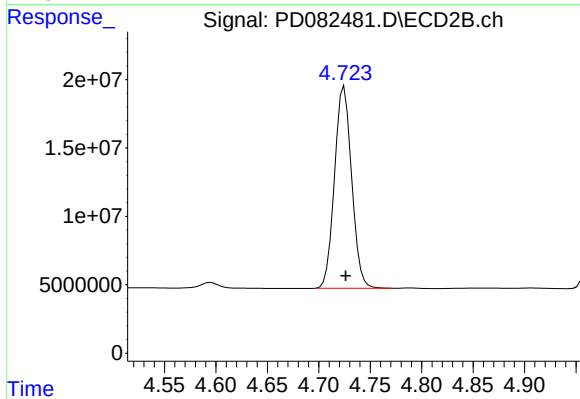
#7 delta-BHC

R.T.: 4.130 min  
Delta R.T.: -0.001 min  
Response: 107902118  
Conc: 21.34 ng/ml



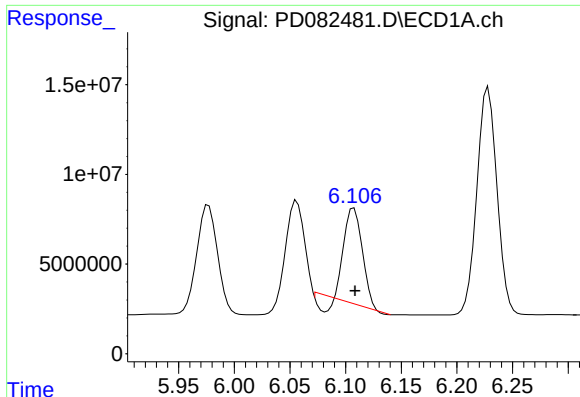
#8 Heptachlor epoxide

R.T.: 5.720 min  
Delta R.T.: -0.001 min  
Response: 85162012  
Conc: 37.56 ng/ml



#8 Heptachlor epoxide

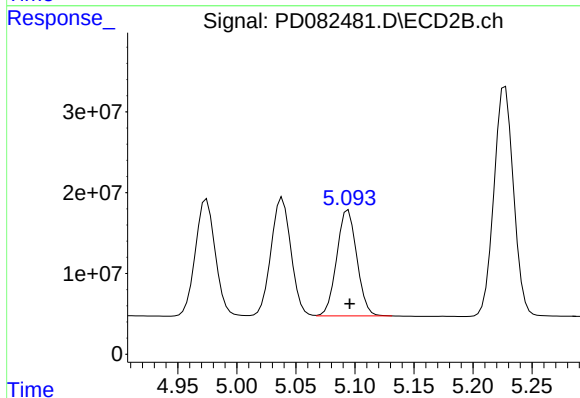
R.T.: 4.725 min  
Delta R.T.: -0.002 min  
Response: 171023019  
Conc: 39.33 ng/ml



#9 Endosulfan I

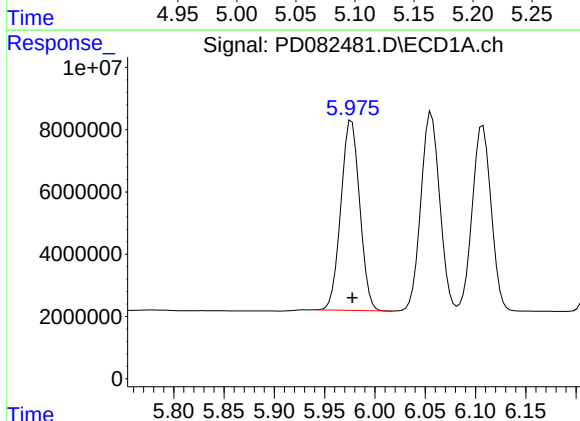
R.T.: 6.107 min  
Delta R.T.: -0.001 min  
Response: 53054352  
Conc: 25.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
E1CY1MS



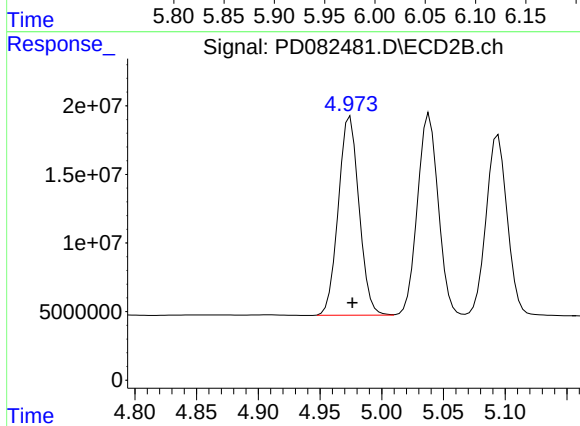
#9 Endosulfan I

R.T.: 5.094 min  
Delta R.T.: -0.001 min  
Response: 155358994  
Conc: 40.40 ng/ml



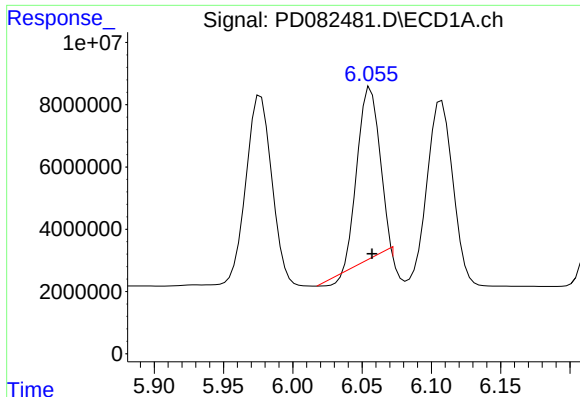
#10 trans-Chlordane

R.T.: 5.977 min  
Delta R.T.: 0.000 min  
Response: 79455999  
Conc: 36.94 ng/ml



#10 trans-Chlordane

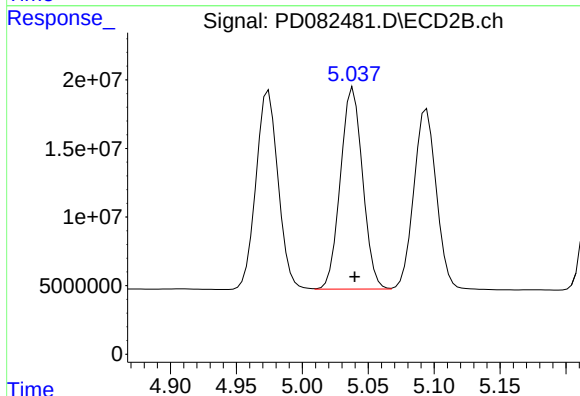
R.T.: 4.974 min  
Delta R.T.: -0.002 min  
Response: 169109902  
Conc: 40.97 ng/ml



#11 cis-Chlordane

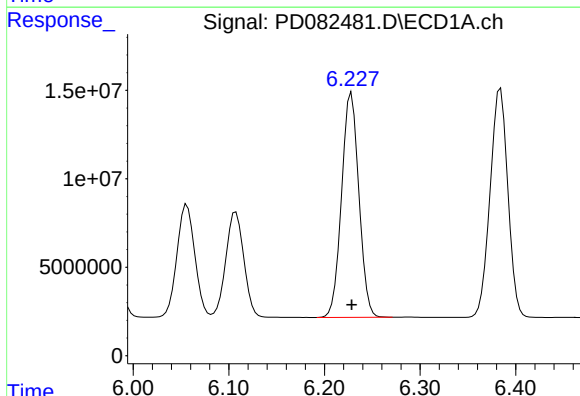
R.T.: 6.056 min  
Delta R.T.: -0.001 min  
Response: 60142864  
Conc: 27.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
E1CY1MS



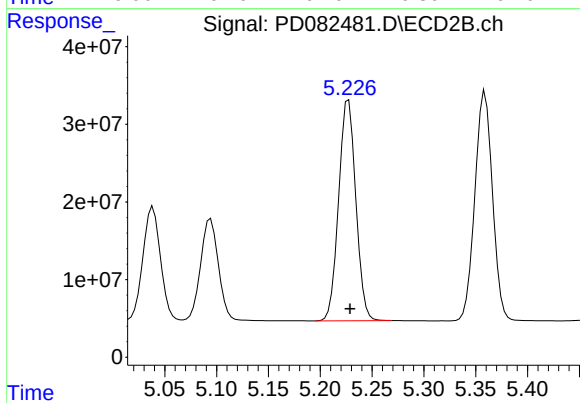
#11 cis-Chlordane

R.T.: 5.039 min  
Delta R.T.: -0.001 min  
Response: 171927450  
Conc: 41.52 ng/ml



#12 4,4'-DDE

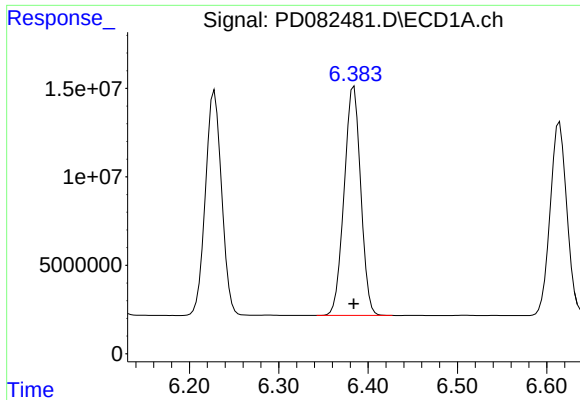
R.T.: 6.228 min  
Delta R.T.: 0.000 min  
Response: 159911137  
Conc: 74.53 ng/ml



#12 4,4'-DDE

R.T.: 5.227 min  
Delta R.T.: -0.002 min  
Response: 328283776  
Conc: 82.67 ng/ml

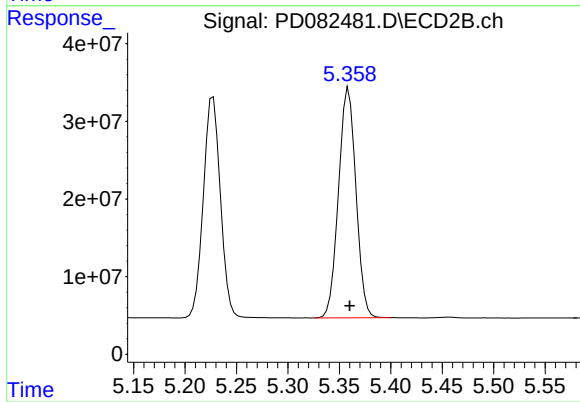




#13 Dieldrin

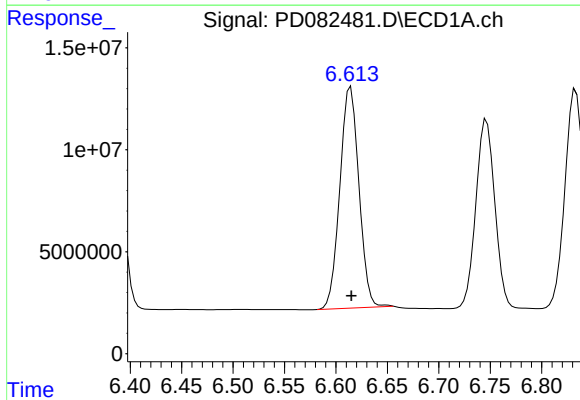
R.T.: 6.384 min  
Delta R.T.: 0.000 min  
Response: 166897681  
Conc: 73.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
E1CY1MS



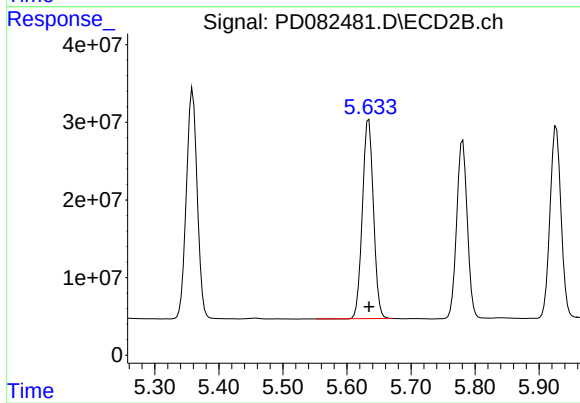
#13 Dieldrin

R.T.: 5.359 min  
Delta R.T.: -0.001 min  
Response: 348870569  
Conc: 80.31 ng/ml



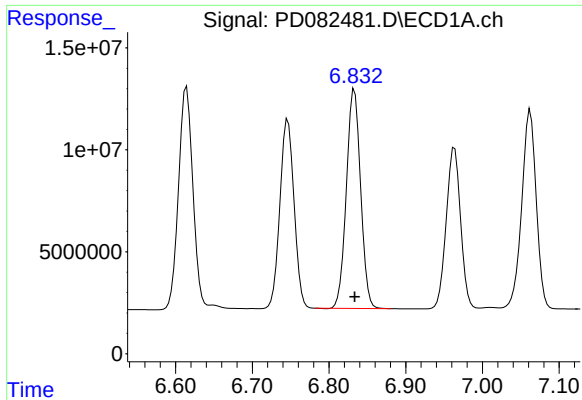
#14 Endrin

R.T.: 6.614 min  
Delta R.T.: 0.000 min  
Response: 140162405  
Conc: 75.89 ng/ml



#14 Endrin

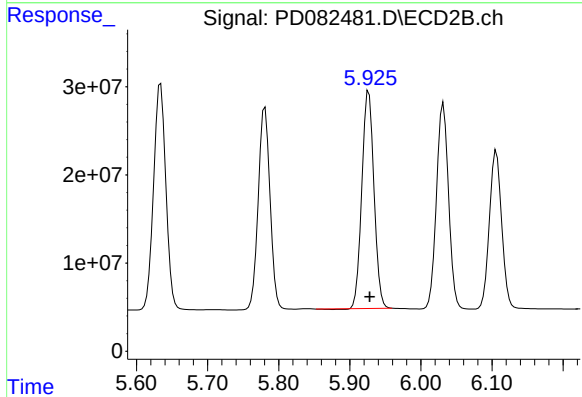
R.T.: 5.634 min  
Delta R.T.: 0.000 min  
Response: 307730847  
Conc: 82.75 ng/ml



#15 Endosulfan II

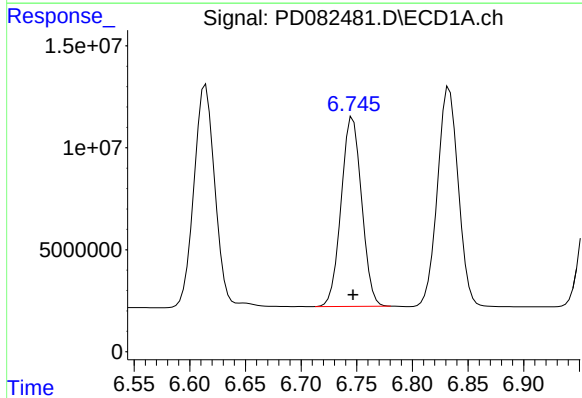
R.T.: 6.833 min  
Delta R.T.: 0.000 min  
Response: 139416276  
Conc: 73.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
E1CY1MS



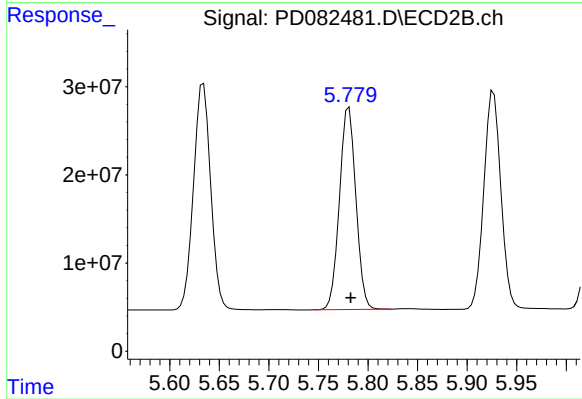
#15 Endosulfan II

R.T.: 5.927 min  
Delta R.T.: -0.002 min  
Response: 291846849  
Conc: 81.66 ng/ml



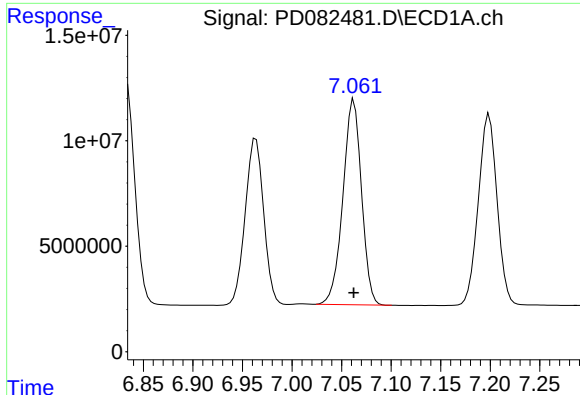
#16 4,4'-DDD

R.T.: 6.746 min  
Delta R.T.: 0.000 min  
Response: 119089557  
Conc: 74.35 ng/ml



#16 4,4'-DDD

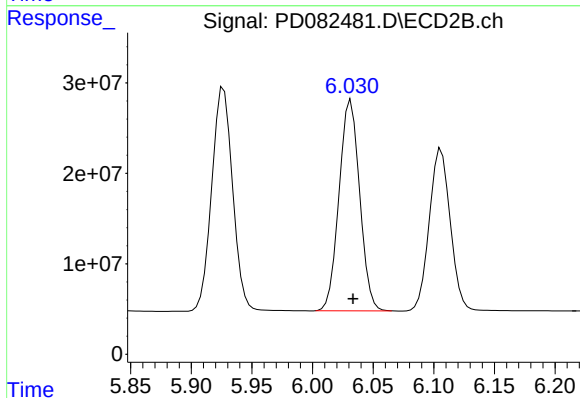
R.T.: 5.781 min  
Delta R.T.: -0.002 min  
Response: 264571569  
Conc: 83.43 ng/ml



#17 4,4'-DDT

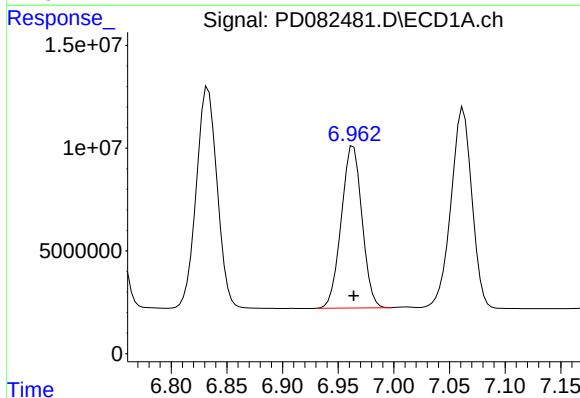
R.T.: 7.062 min  
Delta R.T.: 0.000 min  
Response: 126906426  
Conc: 76.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
E1CY1MS



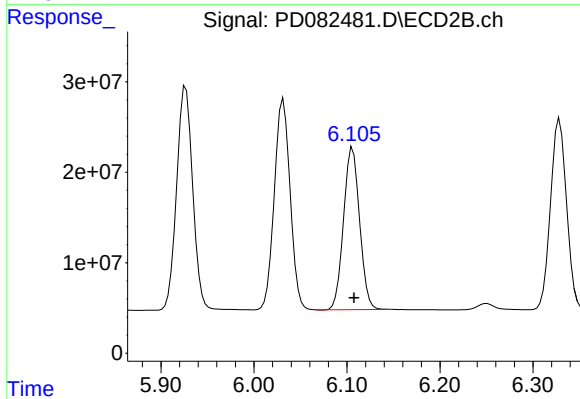
#17 4,4'-DDT

R.T.: 6.032 min  
Delta R.T.: -0.002 min  
Response: 275578866  
Conc: 81.36 ng/ml



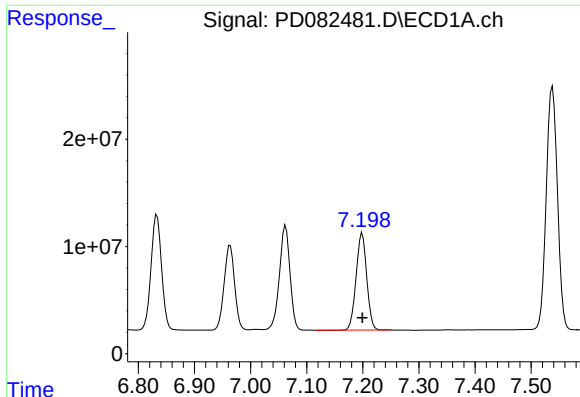
#18 Endrin aldehyde

R.T.: 6.964 min  
Delta R.T.: 0.000 min  
Response: 102112267  
Conc: 73.45 ng/ml



#18 Endrin aldehyde

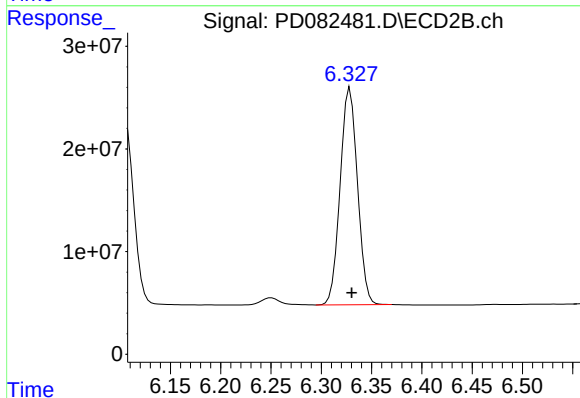
R.T.: 6.106 min  
Delta R.T.: -0.002 min  
Response: 214919814  
Conc: 79.09 ng/ml



#19 Endosulfan Sulfate

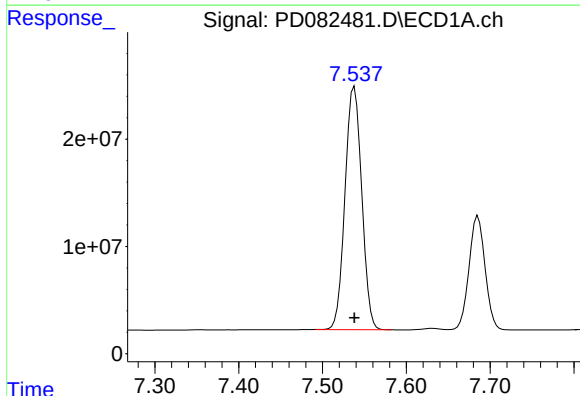
R.T.: 7.199 min  
Delta R.T.: 0.000 min  
Response: 119276524  
Conc: 70.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
E1CY1MS



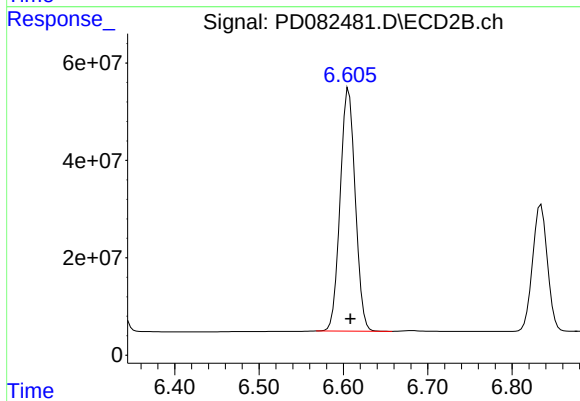
#19 Endosulfan Sulfate

R.T.: 6.329 min  
Delta R.T.: -0.002 min  
Response: 252913020  
Conc: 74.30 ng/ml



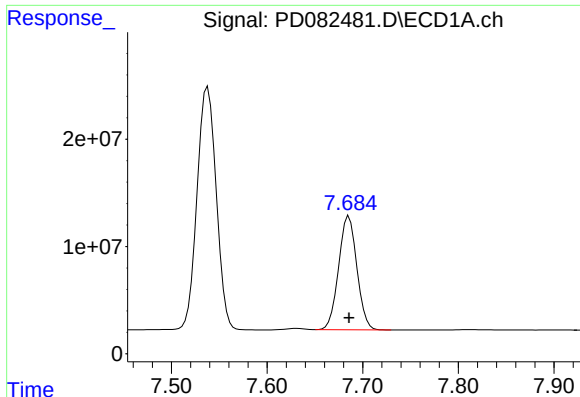
#20 Methoxychlor

R.T.: 7.538 min  
Delta R.T.: 0.000 min  
Response: 315081582  
Conc: 368.21 ng/ml



#20 Methoxychlor

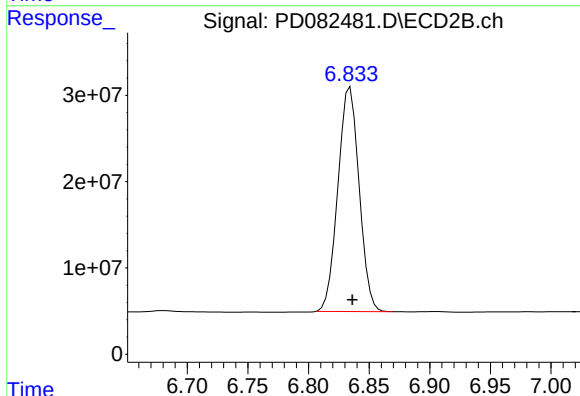
R.T.: 6.606 min  
Delta R.T.: -0.002 min  
Response: 619761461  
Conc: 373.56 ng/ml



#21 Endrin ketone

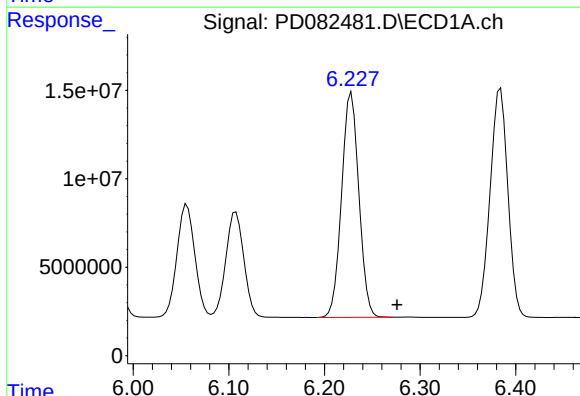
R.T.: 7.686 min  
Delta R.T.: 0.000 min  
Response: 140889726  
Conc: 78.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
E1CY1MS



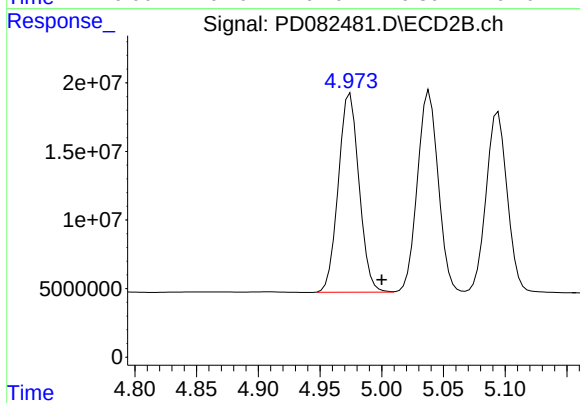
#21 Endrin ketone

R.T.: 6.834 min  
Delta R.T.: -0.002 min  
Response: 316401588  
Conc: 83.35 ng/ml



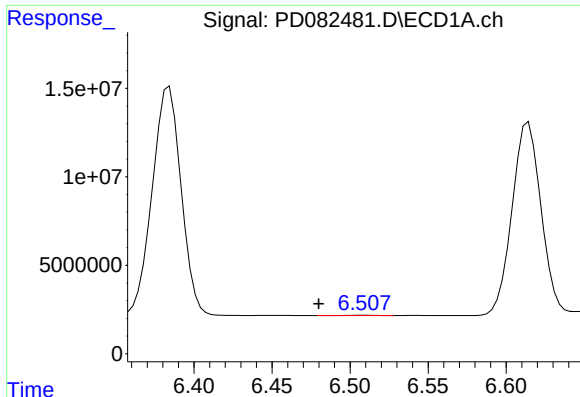
#22 Toxaphene-1

R.T.: 6.228 min  
Delta R.T.: -0.048 min  
Response: 159911137  
Conc: 10151.47 ng/ml



#22 Toxaphene-1

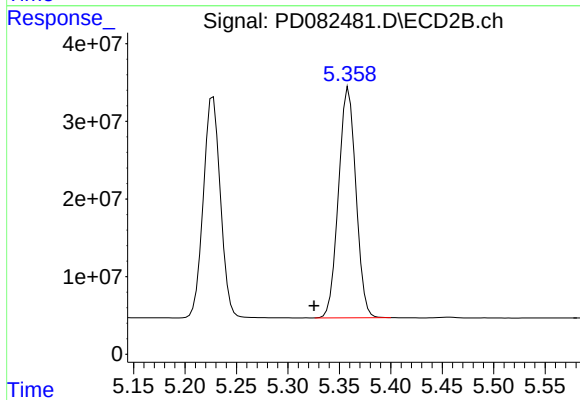
R.T.: 4.974 min  
Delta R.T.: -0.026 min  
Response: 169109902  
Conc: 7913.10 ng/ml



#23 Toxaphene-2

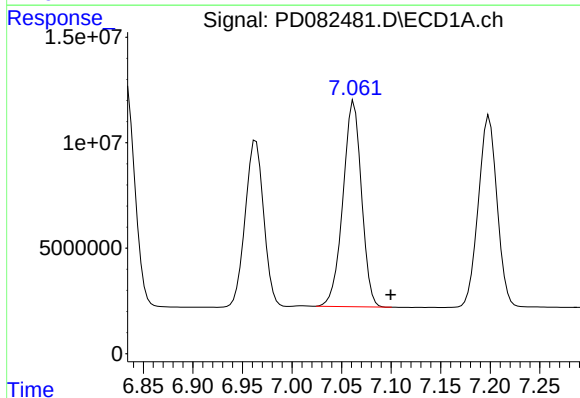
R.T.: 6.509 min  
Delta R.T.: 0.029 min  
Response: 165500  
Conc: 8.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
E1CY1MS



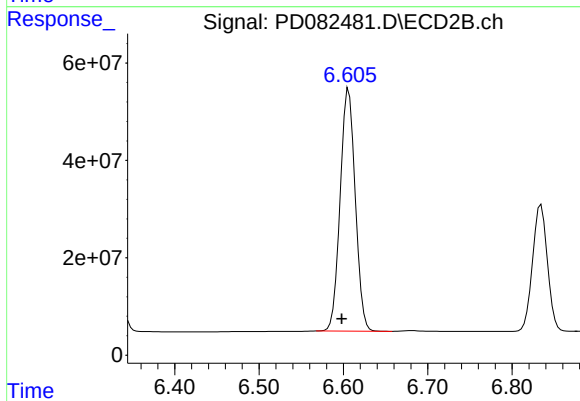
#23 Toxaphene-2

R.T.: 5.359 min  
Delta R.T.: 0.034 min  
Response: 348870569  
Conc: 15374.85 ng/ml



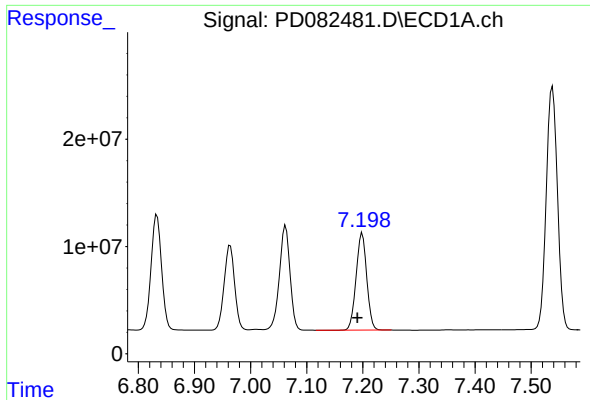
#24 Toxaphene-3

R.T.: 7.062 min  
Delta R.T.: -0.037 min  
Response: 126906426  
Conc: 2425.02 ng/ml



#24 Toxaphene-3

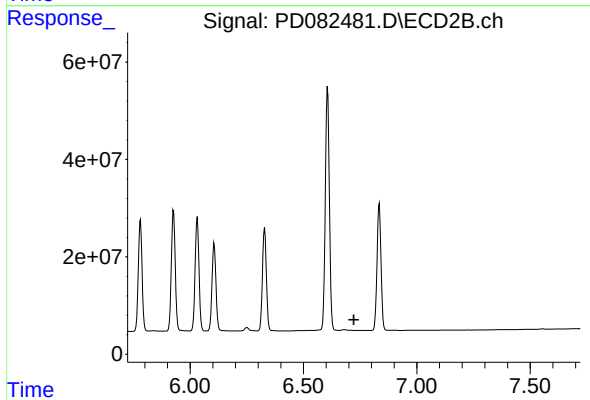
R.T.: 6.606 min  
Delta R.T.: 0.008 min  
Response: 619761461  
Conc: 7744.41 ng/ml



#25 Toxaphene-4

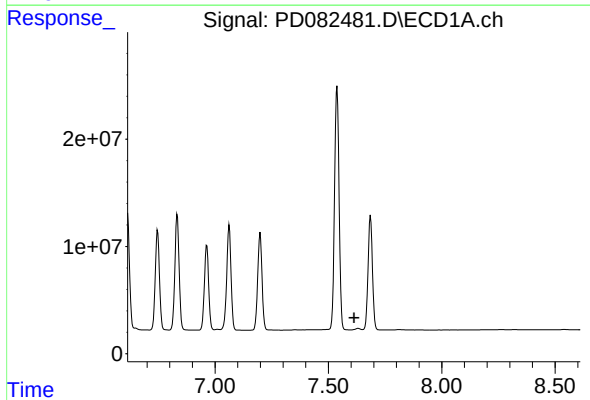
R.T.: 7.199 min  
Delta R.T.: 0.008 min  
Response: 119276524  
Conc: 3059.49 ng/m

Instrument :  
ECD\_D  
ClientSampleId :  
E1CY1MS



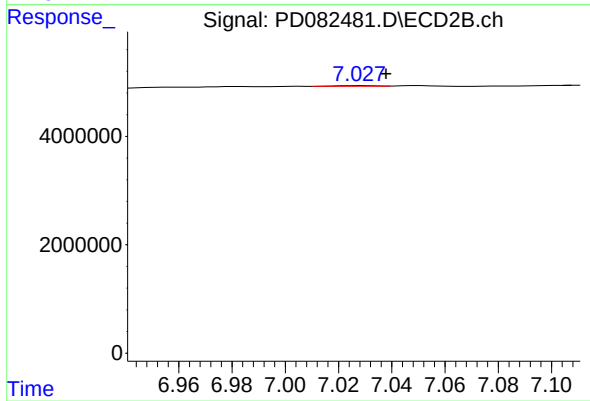
#25 Toxaphene-4

R.T.: 6.755 min  
Delta R.T.: 0.032 min  
Response: -759222  
Conc: N.D.



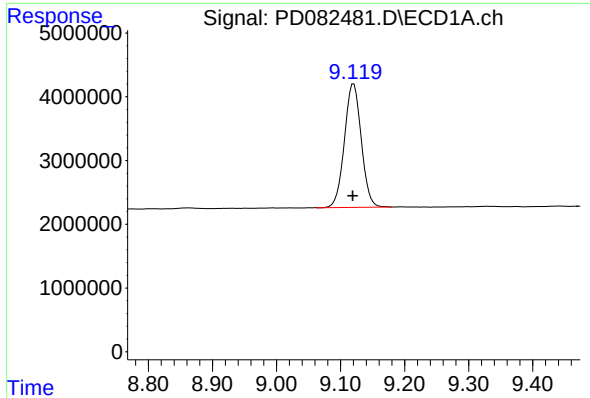
#26 Toxaphene-5

R.T.: 0.000 min  
Exp R.T. : 7.613 min  
Response: 0  
Conc: N.D.



#26 Toxaphene-5

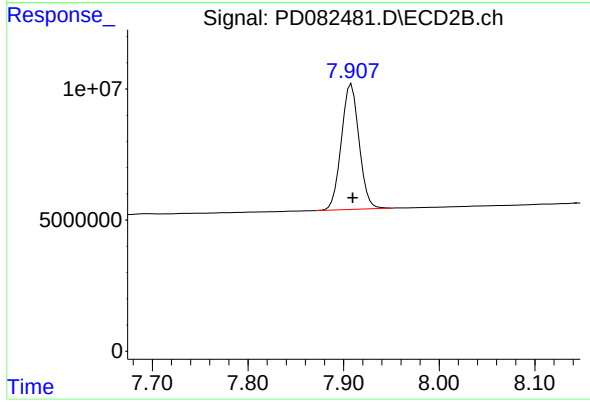
R.T.: 7.028 min  
Delta R.T.: -0.010 min  
Response: 117642  
Conc: 2.77 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.120 min  
Delta R.T.: 0.002 min  
Response: 35366501  
Conc: 18.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
E1CY1MS



#27 Decachlorobiphenyl

R.T.: 7.908 min  
Delta R.T.: -0.001 min  
Response: 61987711  
Conc: 18.85 ng/ml