

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091724\  
 Data File : PD085264.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Sep 2024 22:07  
 Operator : AR\AJ  
 Sample : P3997-16MS  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 17 23:49:46 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD082524CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 27 02:47:48 2024  
 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

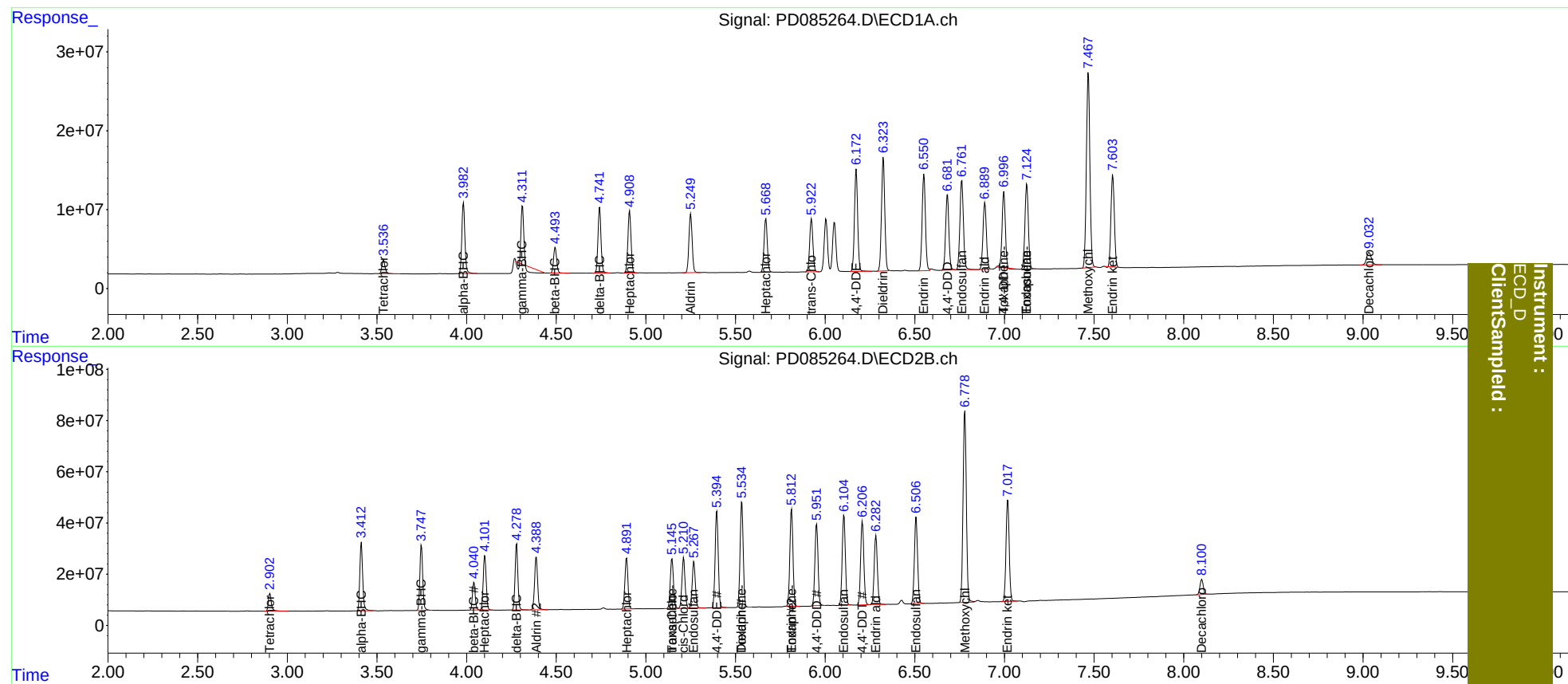
|                             | Compound        | RT#1   | RT#2   | Resp#1    | Resp#2   | ng/ml    | ng/ml       |
|-----------------------------|-----------------|--------|--------|-----------|----------|----------|-------------|
| -----                       |                 |        |        |           |          |          |             |
| System Monitoring Compounds |                 |        |        |           |          |          |             |
| 1)                          | SA Tetrachlo... | 3.537  | 2.903  | 22006005  | 81403153 | 21.758   | 23.003      |
| 27)                         | SA Decachlor... | 9.034  | 8.101  | 29338027  | 74484611 | 22.464   | 21.421      |
| Target Compounds            |                 |        |        |           |          |          |             |
| 2)                          | A alpha-BHC     | 3.983  | 3.413  | 106.6E6   | 294.4E6  | 62.688   | 58.064      |
| 3)                          | MA gamma-BHC... | 4.312  | 3.748  | 42123494  | 279.9E6  | 26.037   | 57.768 #    |
| 4)                          | MA Heptachlor   | 4.910  | 4.102  | 95958046  | 247.1E6  | 62.367   | 58.053      |
| 5)                          | MB Aldrin       | 5.250  | 4.389  | 93638720  | 245.3E6  | 58.548   | 55.226      |
| 6)                          | B beta-BHC      | 4.495  | 4.042  | 38737193  | 116.0E6  | 53.330   | 53.506      |
| 7)                          | B delta-BHC     | 4.742  | 4.279  | 98762621  | 280.5E6  | 60.221   | 56.502      |
| 8)                          | B Heptachlo...  | 5.669  | 4.893  | 85978991  | 233.0E6  | 57.647   | 55.012      |
| 9)                          | A Endosulfan I  | 6.052  | 5.268  | -25873076 | 222.3E6  | N.D.     | 58.003      |
| 10)                         | B trans-Chl...  | 5.924  | 5.146  | 84515632  | 238.9E6  | 59.924   | 58.078      |
| 11)                         | B cis-Chlor...  | 6.052f | 5.211  | -25873076 | 237.1E6  | N.D.     | 56.511      |
| 12)                         | B 4,4'-DDE      | 6.173  | 5.396  | 161.0E6   | 455.9E6  | 129.071  | 116.219     |
| 13)                         | MA Dieldrin     | 6.325  | 5.535  | 183.1E6   | 491.5E6  | 124.116  | 114.403     |
| 14)                         | MA Endrin       | 6.551  | 5.813  | 156.6E6   | 457.3E6  | 138.772  | 123.527     |
| 15)                         | B Endosulfa...  | 6.762  | 6.105  | 153.5E6   | 427.2E6  | 116.253  | 115.214     |
| 16)                         | A 4,4'-DDD      | 6.682  | 5.953  | 121.2E6   | 386.8E6  | 122.704  | 113.986     |
| 17)                         | MA 4,4'-DDT     | 6.997  | 6.208  | 120.3E6   | 406.5E6  | 134.439  | 127.067     |
| 18)                         | B Endrin al...  | 6.891  | 6.283  | 111.9E6   | 326.1E6  | 123.910  | 114.219     |
| 19)                         | B Endosulfa...  | 7.125  | 6.508  | 144.2E6   | 413.8E6  | 125.187  | 115.868     |
| 20)                         | A Methoxychlor  | 7.468  | 6.779  | 334.4E6   | 951.1E6  | 641.854  | 574.942     |
| 21)                         | B Endrin ke...  | 7.604  | 7.019  | 152.5E6   | 492.5E6  | 124.732  | 111.848     |
| 22)                         | Toxaphene-1     | 0.000  | 5.146  | 0         | 238.9E6  | N.D.     | 9422.081    |
| 23)                         | Toxaphene-2     | 0.000  | 5.535  | 0         | 491.5E6  | N.D.     | 19884.941   |
| 24)                         | Toxaphene-3     | 6.997  | 5.813f | 120.3E6   | 457.3E6  | 3512.384 | 19381.713 # |
| 25)                         | Toxaphene-4     | 7.125  | 0.000  | 144.2E6   | 0        | 5604.702 | N.D. #      |
| -----                       |                 |        |        |           |          |          |             |

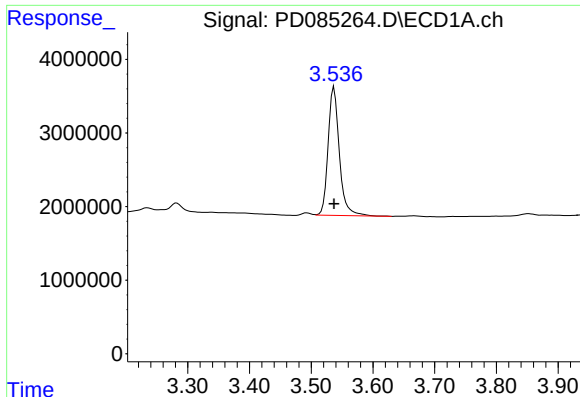
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091724\  
Data File : PD085264.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Sep 2024 22:07  
Operator : AR\AJ  
Sample : P3997-16MS  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 17 23:49:46 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD082524CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 27 02:47:48 2024  
Response via : Initial Calibration  
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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

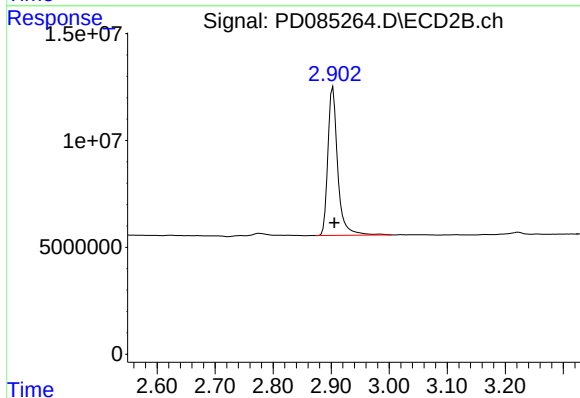




#1 Tetrachloro-m-xylene

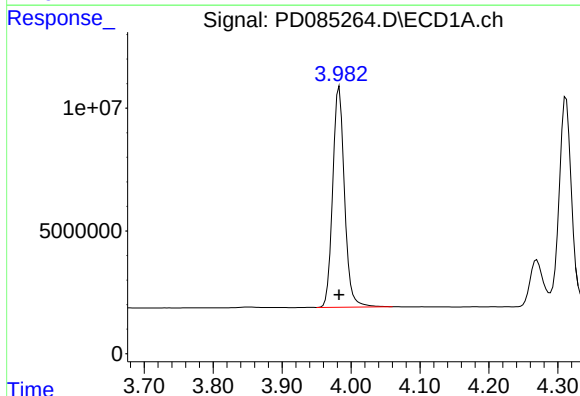
R.T.: 3.537 min  
Delta R.T.: 0.000 min  
Response: 22006005  
Conc: 21.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



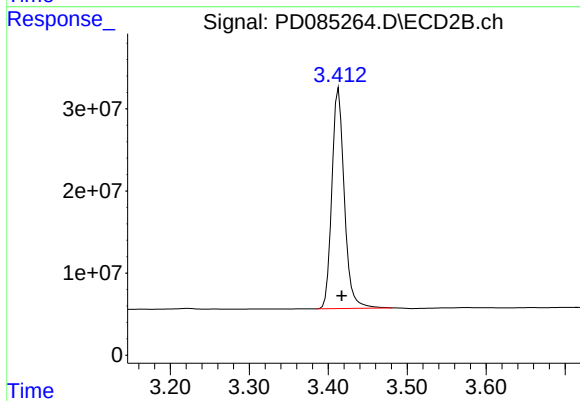
#1 Tetrachloro-m-xylene

R.T.: 2.903 min  
Delta R.T.: -0.003 min  
Response: 81403153  
Conc: 23.00 ng/ml



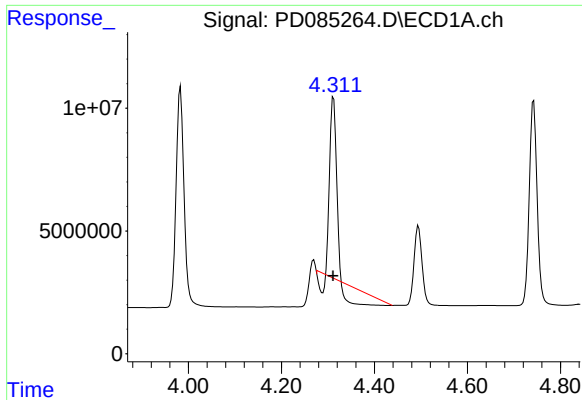
#2 alpha-BHC

R.T.: 3.983 min  
Delta R.T.: 0.000 min  
Response: 106578864  
Conc: 62.69 ng/ml



#2 alpha-BHC

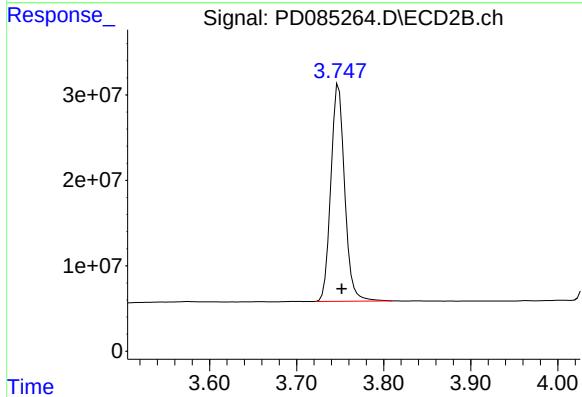
R.T.: 3.413 min  
Delta R.T.: -0.004 min  
Response: 294397723  
Conc: 58.06 ng/ml



#3 gamma-BHC (Lindane)

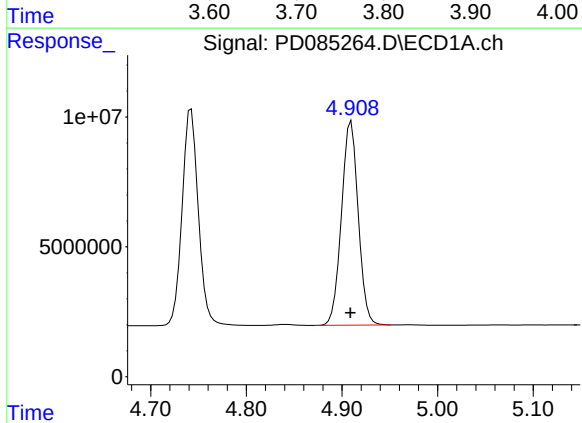
R.T.: 4.312 min  
Delta R.T.: 0.000 min  
Response: 42123494  
Conc: 26.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



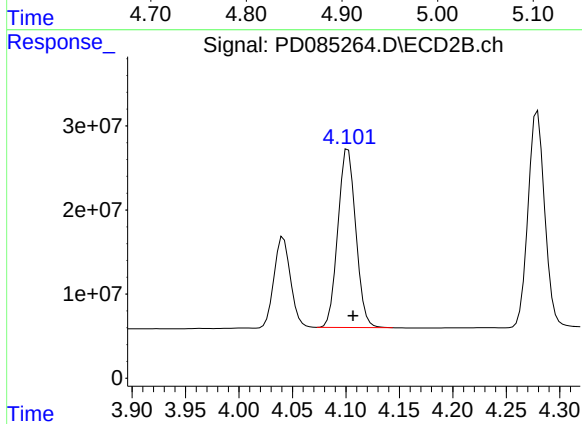
#3 gamma-BHC (Lindane)

R.T.: 3.748 min  
Delta R.T.: -0.004 min  
Response: 279930833  
Conc: 57.77 ng/ml



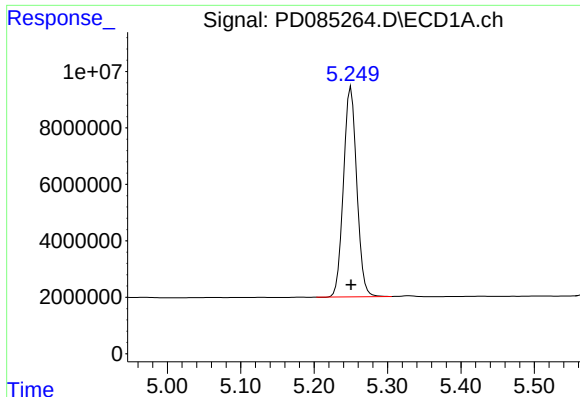
#4 Heptachlor

R.T.: 4.910 min  
Delta R.T.: 0.000 min  
Response: 95958046  
Conc: 62.37 ng/ml



#4 Heptachlor

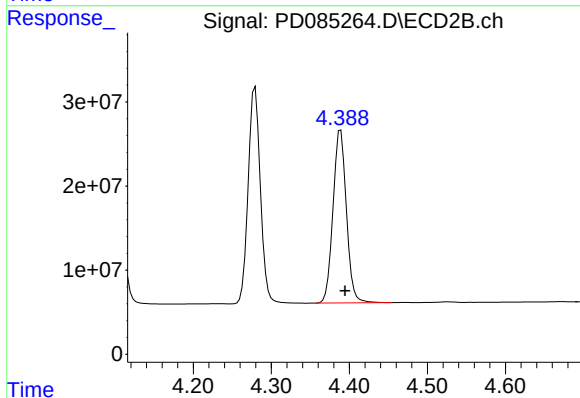
R.T.: 4.102 min  
Delta R.T.: -0.005 min  
Response: 247134218  
Conc: 58.05 ng/ml



#5 Aldrin

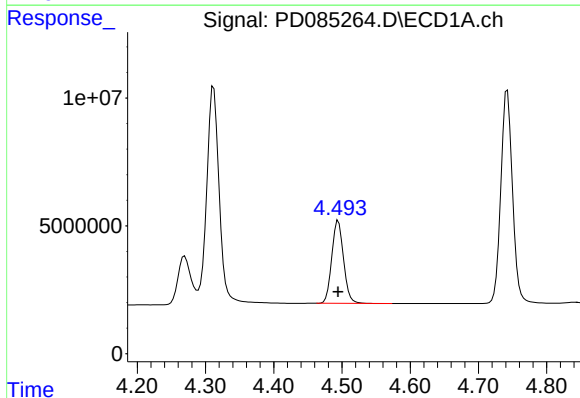
R.T.: 5.250 min  
Delta R.T.: 0.000 min  
Response: 93638720  
Conc: 58.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



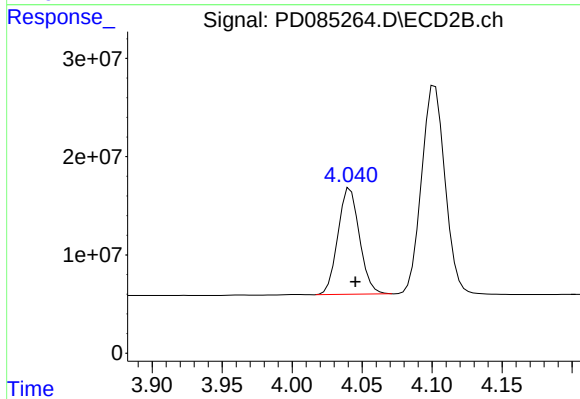
#5 Aldrin

R.T.: 4.389 min  
Delta R.T.: -0.006 min  
Response: 245272729  
Conc: 55.23 ng/ml



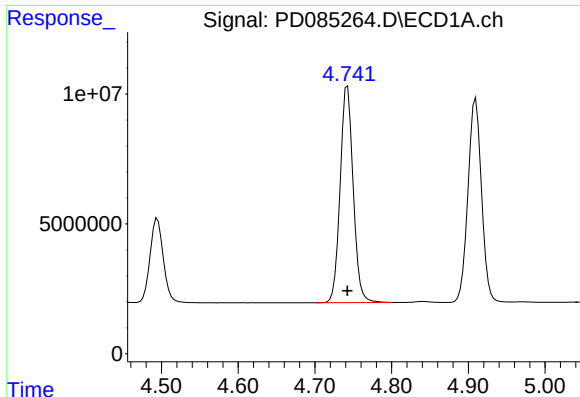
#6 beta-BHC

R.T.: 4.495 min  
Delta R.T.: 0.000 min  
Response: 38737193  
Conc: 53.33 ng/ml



#6 beta-BHC

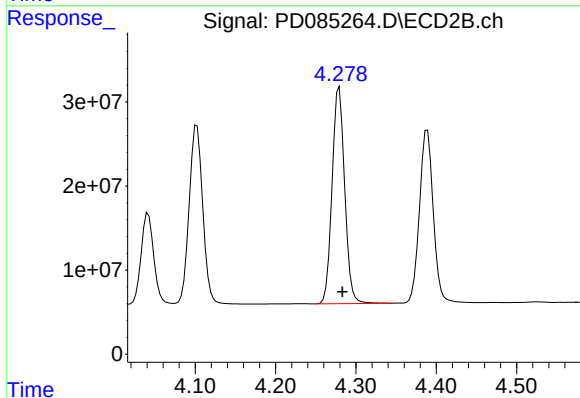
R.T.: 4.042 min  
Delta R.T.: -0.004 min  
Response: 115998056  
Conc: 53.51 ng/ml



#7 delta-BHC

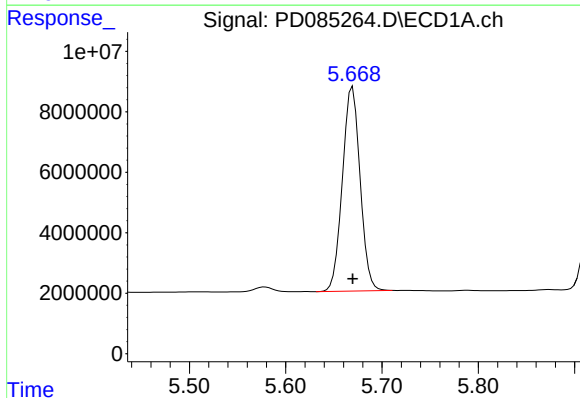
R.T.: 4.742 min  
Delta R.T.: 0.000 min  
Response: 98762621  
Conc: 60.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



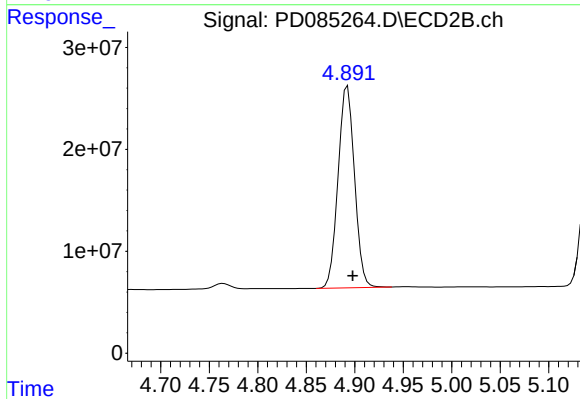
#7 delta-BHC

R.T.: 4.279 min  
Delta R.T.: -0.004 min  
Response: 280484211  
Conc: 56.50 ng/ml



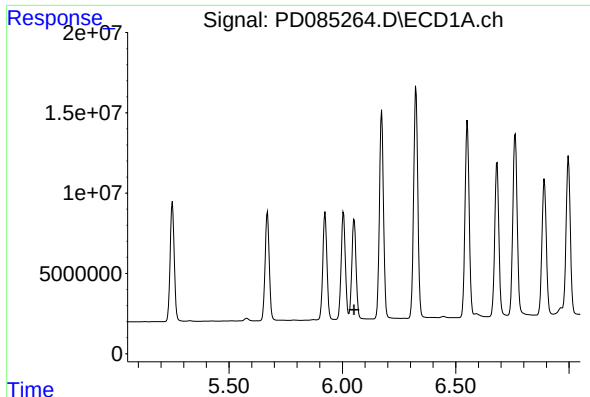
#8 Heptachlor epoxide

R.T.: 5.669 min  
Delta R.T.: 0.000 min  
Response: 85978991  
Conc: 57.65 ng/ml



#8 Heptachlor epoxide

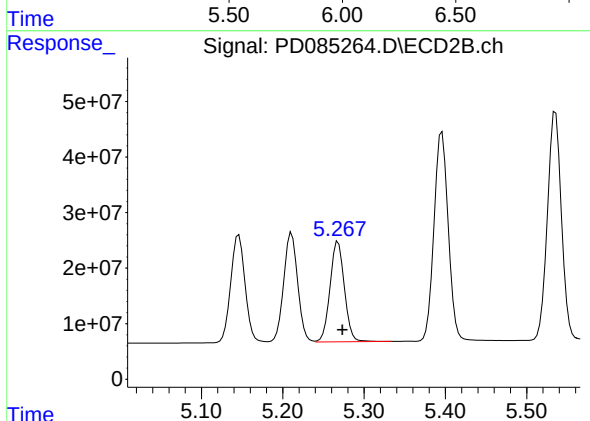
R.T.: 4.893 min  
Delta R.T.: -0.005 min  
Response: 232993889  
Conc: 55.01 ng/ml



#9 Endosulfan I

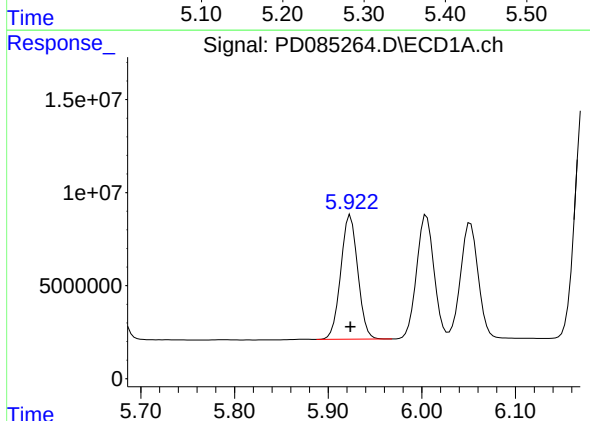
R.T.: 6.052 min  
Delta R.T.: 0.000 min  
Response: -25873076  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



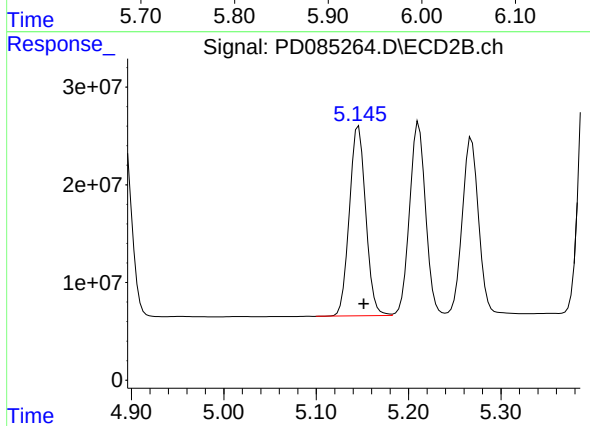
#9 Endosulfan I

R.T.: 5.268 min  
Delta R.T.: -0.005 min  
Response: 222341706  
Conc: 58.00 ng/ml



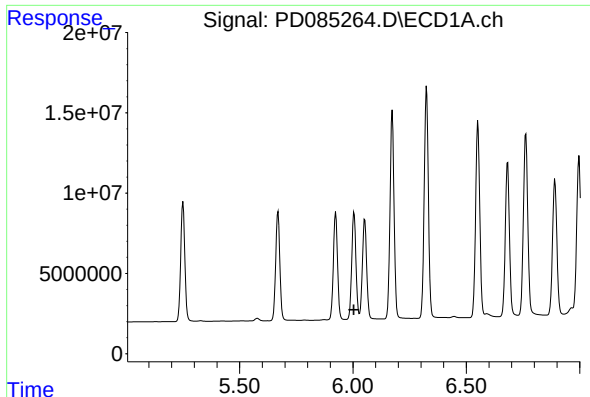
#10 trans-Chlordane

R.T.: 5.924 min  
Delta R.T.: 0.000 min  
Response: 84515632  
Conc: 59.92 ng/ml



#10 trans-Chlordane

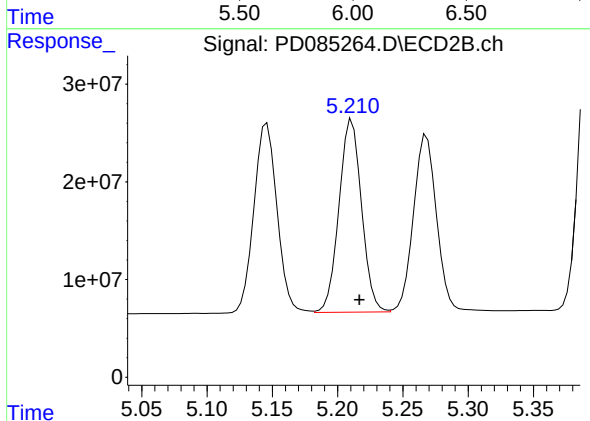
R.T.: 5.146 min  
Delta R.T.: -0.006 min  
Response: 23885022  
Conc: 58.08 ng/ml



#11 cis-Chlordane

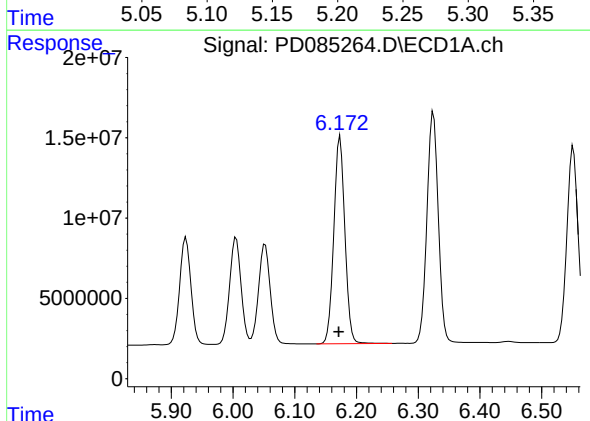
R.T.: 6.052 min  
Delta R.T.: 0.048 min  
Response: -25873076  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



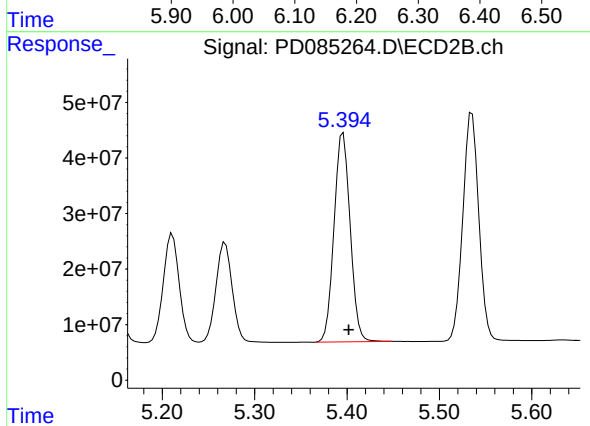
#11 cis-Chlordane

R.T.: 5.211 min  
Delta R.T.: -0.006 min  
Response: 237097412  
Conc: 56.51 ng/ml



#12 4,4'-DDE

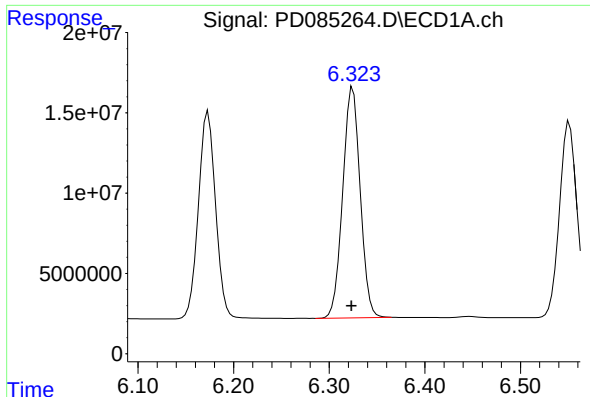
R.T.: 6.173 min  
Delta R.T.: 0.002 min  
Response: 161008756  
Conc: 129.07 ng/ml



#12 4,4'-DDE

R.T.: 5.396 min  
Delta R.T.: -0.006 min  
Response: 455882746  
Conc: 116.22 ng/ml

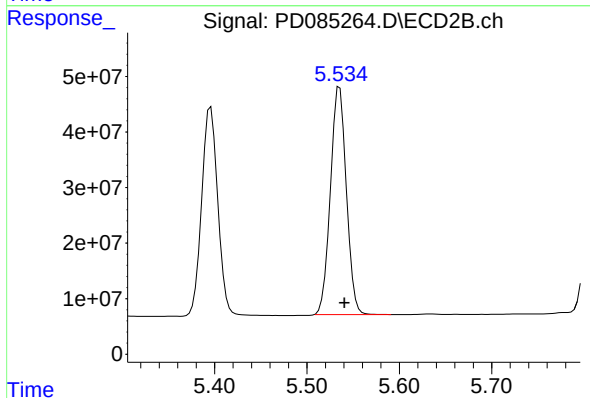




#13 Dieldrin

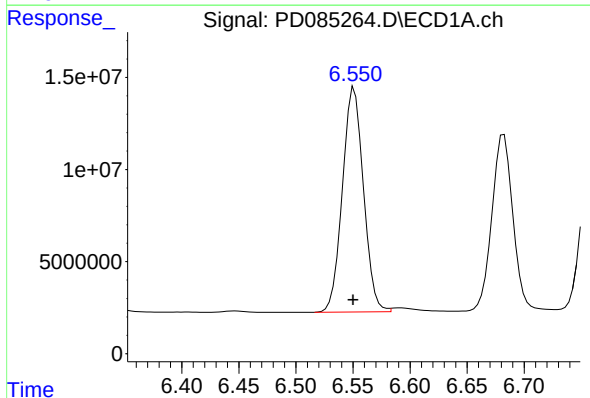
R.T.: 6.325 min  
Delta R.T.: 0.001 min  
Response: 183083405  
Conc: 124.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



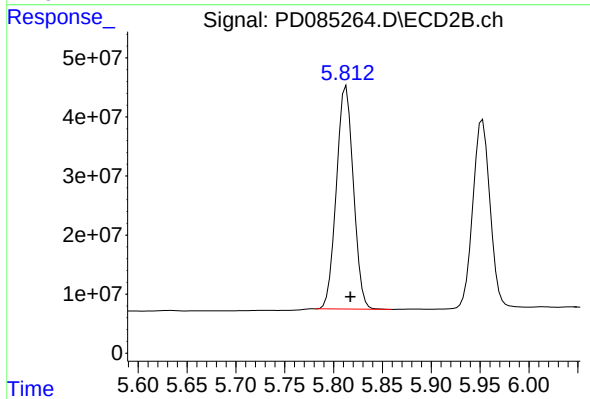
#13 Dieldrin

R.T.: 5.535 min  
Delta R.T.: -0.005 min  
Response: 491491888  
Conc: 114.40 ng/ml



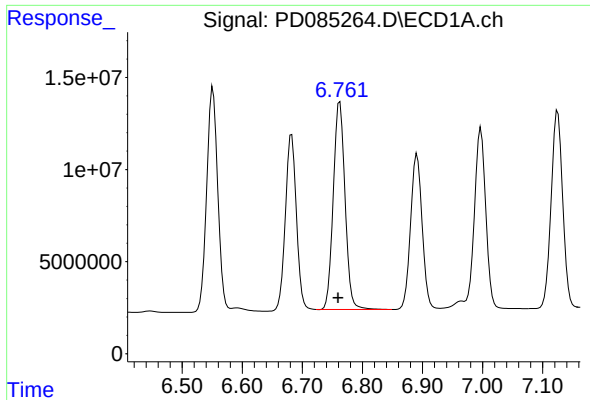
#14 Endrin

R.T.: 6.551 min  
Delta R.T.: 0.000 min  
Response: 156583962  
Conc: 138.77 ng/ml



#14 Endrin

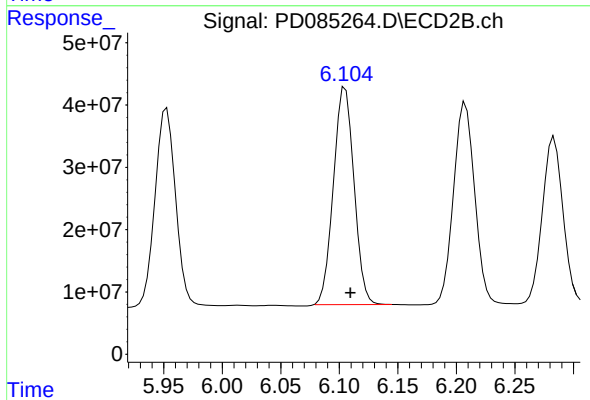
R.T.: 5.813 min  
Delta R.T.: -0.004 min  
Response: 457337984  
Conc: 123.53 ng/ml



#15 Endosulfan II

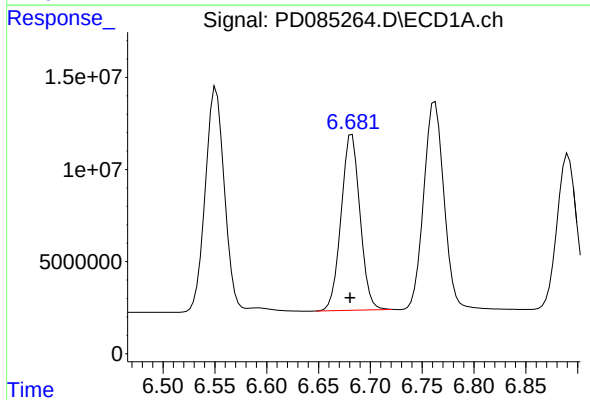
R.T.: 6.762 min  
Delta R.T.: 0.003 min  
Response: 153457846  
Conc: 116.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



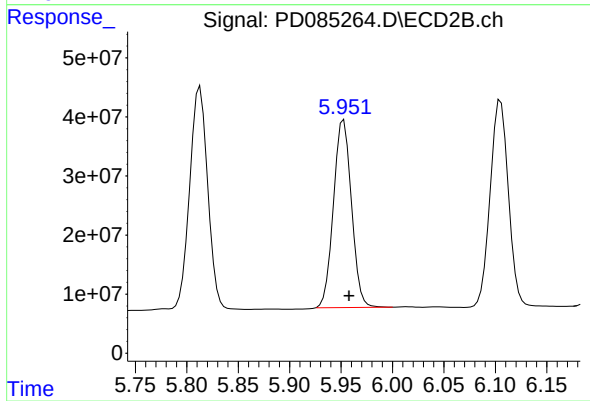
#15 Endosulfan II

R.T.: 6.105 min  
Delta R.T.: -0.004 min  
Response: 427184383  
Conc: 115.21 ng/ml



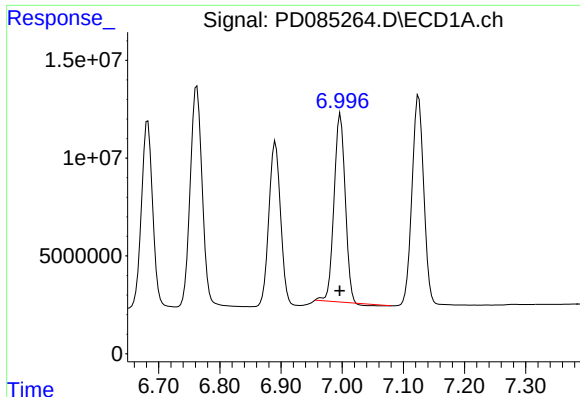
#16 4,4'-DDD

R.T.: 6.682 min  
Delta R.T.: 0.002 min  
Response: 121152261  
Conc: 122.70 ng/ml



#16 4,4'-DDD

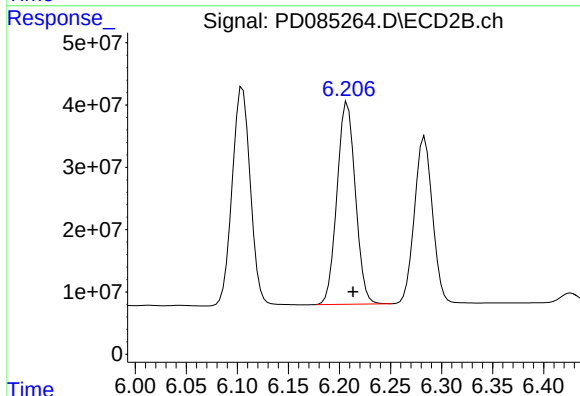
R.T.: 5.953 min  
Delta R.T.: -0.005 min  
Response: 386819405  
Conc: 113.99 ng/ml



#17 4,4'-DDT

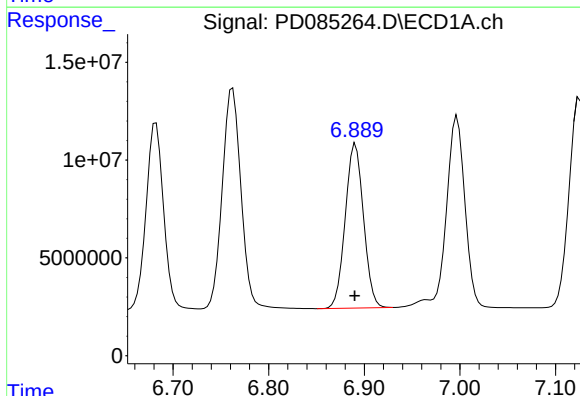
R.T.: 6.997 min  
Delta R.T.: 0.001 min  
Response: 120339719  
Conc: 134.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



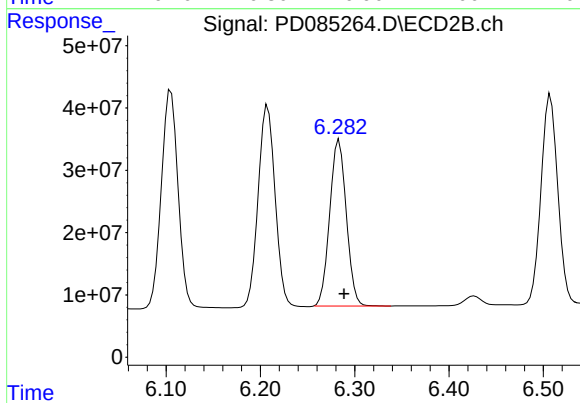
#17 4,4'-DDT

R.T.: 6.208 min  
Delta R.T.: -0.005 min  
Response: 406477224  
Conc: 127.07 ng/ml



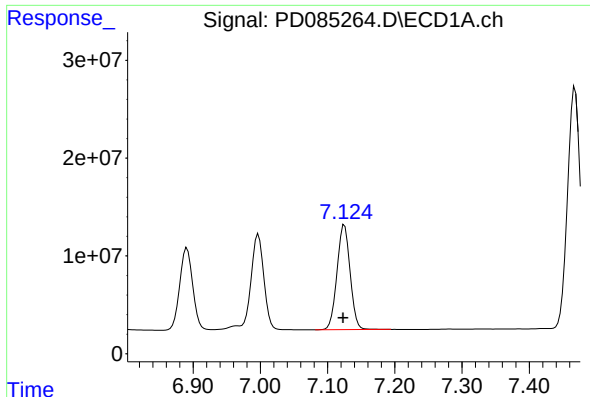
#18 Endrin aldehyde

R.T.: 6.891 min  
Delta R.T.: 0.000 min  
Response: 111903299  
Conc: 123.91 ng/ml



#18 Endrin aldehyde

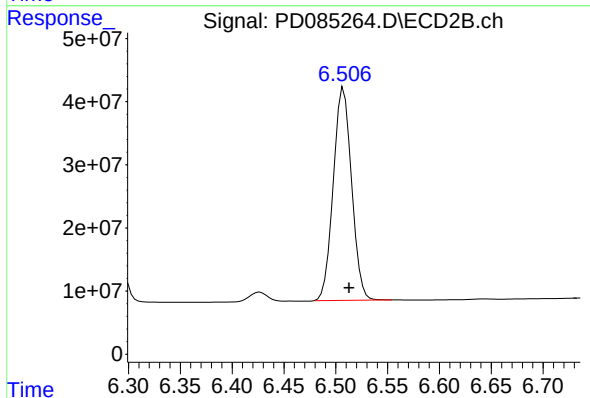
R.T.: 6.283 min  
Delta R.T.: -0.005 min  
Response: 326119030  
Conc: 114.22 ng/ml



#19 Endosulfan Sulfate

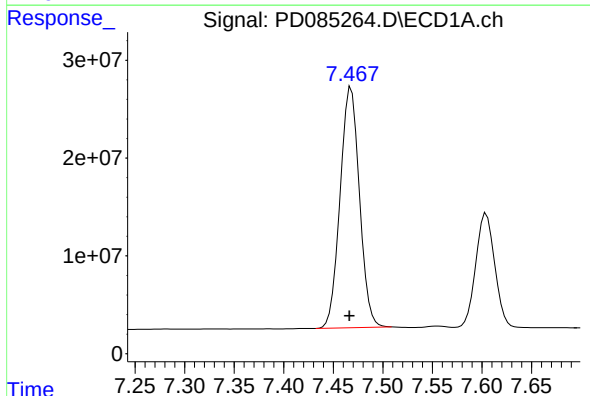
R.T.: 7.125 min  
Delta R.T.: 0.002 min  
Response: 144216095  
Conc: 125.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



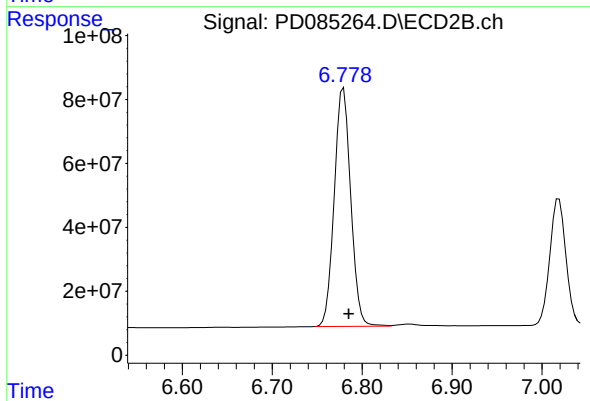
#19 Endosulfan Sulfate

R.T.: 6.508 min  
Delta R.T.: -0.005 min  
Response: 413827329  
Conc: 115.87 ng/ml



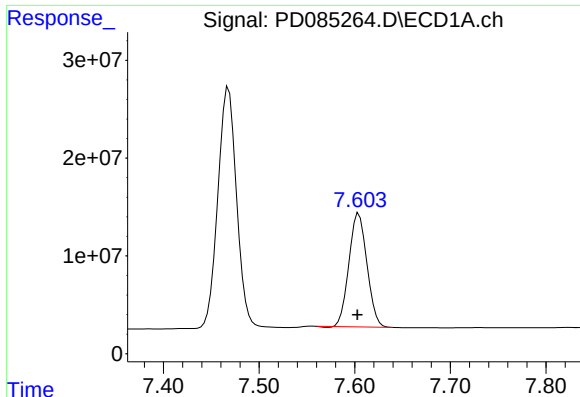
#20 Methoxychlor

R.T.: 7.468 min  
Delta R.T.: 0.002 min  
Response: 334351200  
Conc: 641.85 ng/ml



#20 Methoxychlor

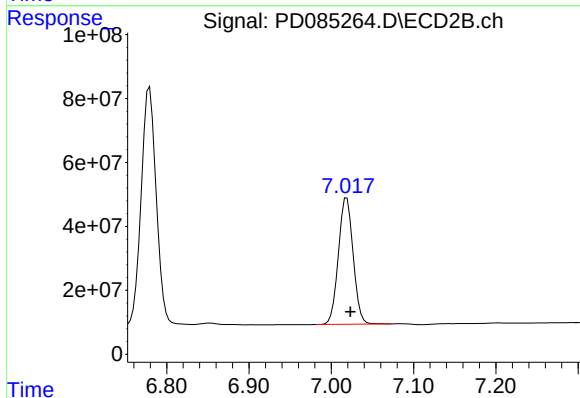
R.T.: 6.779 min  
Delta R.T.: -0.006 min  
Response: 951107008  
Conc: 574.94 ng/ml



#21 Endrin ketone

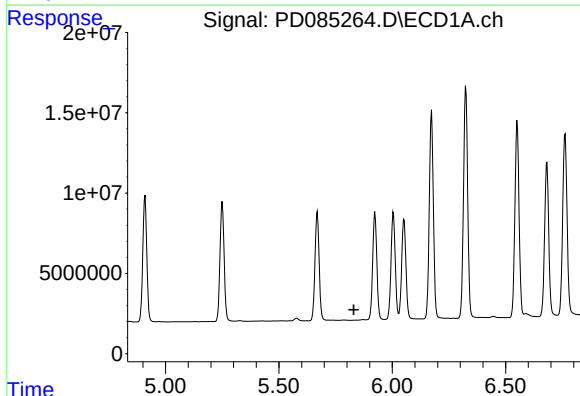
R.T.: 7.604 min  
Delta R.T.: 0.002 min  
Response: 152502758  
Conc: 124.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



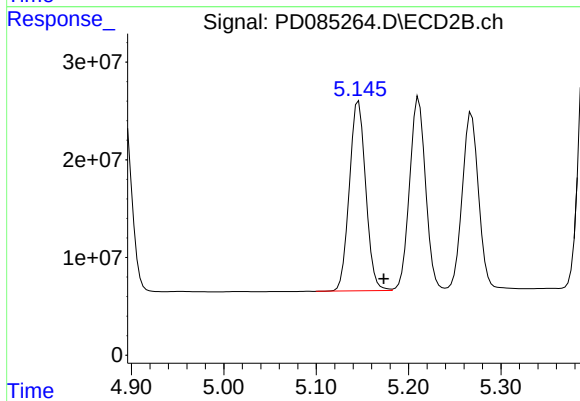
#21 Endrin ketone

R.T.: 7.019 min  
Delta R.T.: -0.005 min  
Response: 492488658  
Conc: 111.85 ng/ml



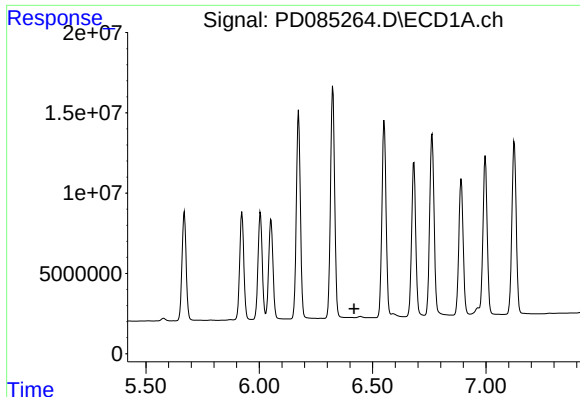
#22 Toxaphene-1

R.T.: 0.000 min  
Exp R.T. : 5.831 min  
Response: 0  
Conc: N.D.



#22 Toxaphene-1

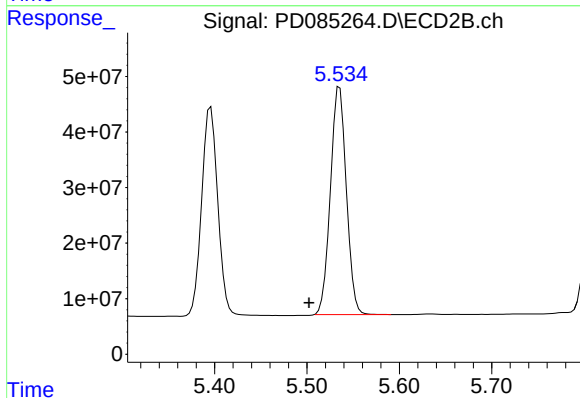
R.T.: 5.146 min  
Delta R.T.: -0.027 min  
Response: 23885022  
Conc: 9422.08 ng/ml



#23 Toxaphene-2

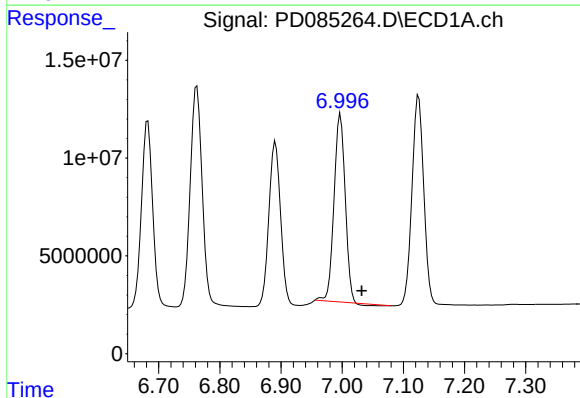
R.T.: 0.000 min  
Exp R.T.: 6.419 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



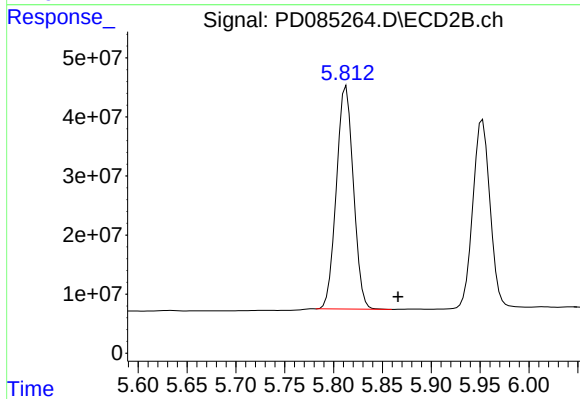
#23 Toxaphene-2

R.T.: 5.535 min  
Delta R.T.: 0.033 min  
Response: 491491888  
Conc: 19884.94 ng/ml



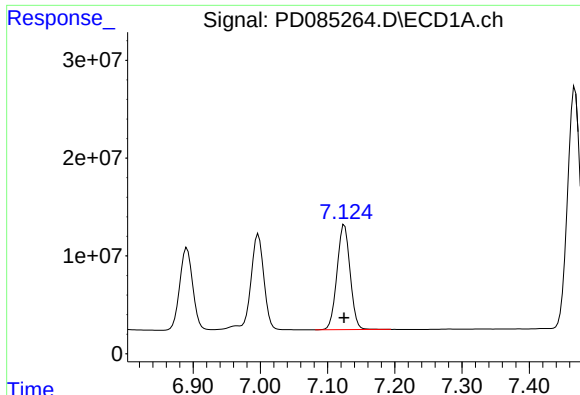
#24 Toxaphene-3

R.T.: 6.997 min  
Delta R.T.: -0.035 min  
Response: 120339719  
Conc: 3512.38 ng/ml



#24 Toxaphene-3

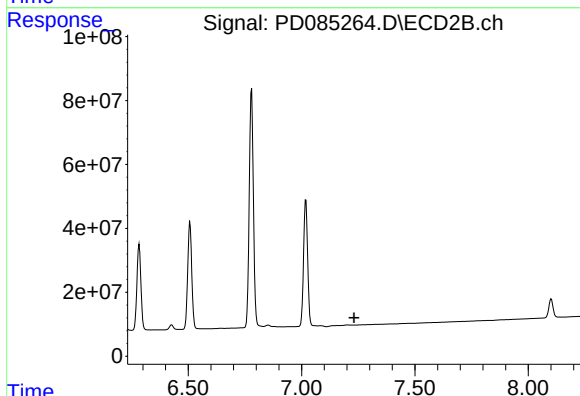
R.T.: 5.813 min  
Delta R.T.: -0.053 min  
Response: 457337984  
Conc: 19381.71 ng/ml



#25 Toxaphene-4

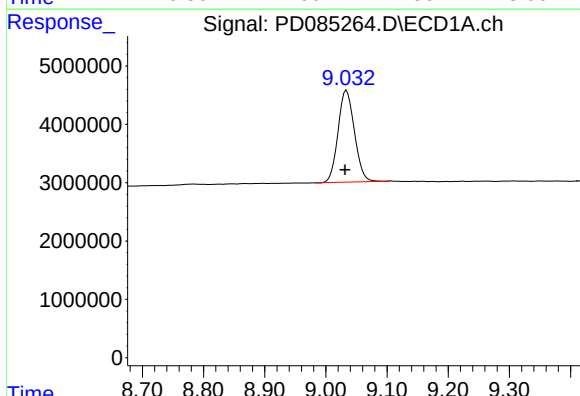
R.T.: 7.125 min  
Delta R.T.: 0.000 min  
Response: 144216095  
Conc: 5604.70 ng/m

Instrument :  
ECD\_D  
ClientSampleId :



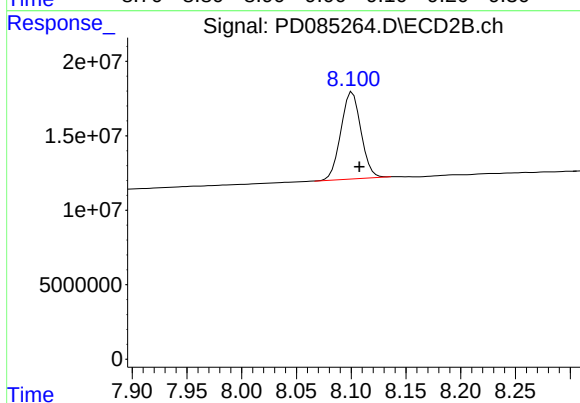
#25 Toxaphene-4

R.T.: 0.000 min  
Exp R.T. : 7.232 min  
Response: 0  
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 9.034 min  
Delta R.T.: 0.002 min  
Response: 29338027  
Conc: 22.46 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.101 min  
Delta R.T.: -0.006 min  
Response: 74484611  
Conc: 21.42 ng/ml