

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD041624\  
 Data File : PD082457.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Apr 2024 17:31  
 Operator : AR\AJ  
 Sample : PEM043  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM160

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 15 21:28:33 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041024CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 10 02:08:54 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

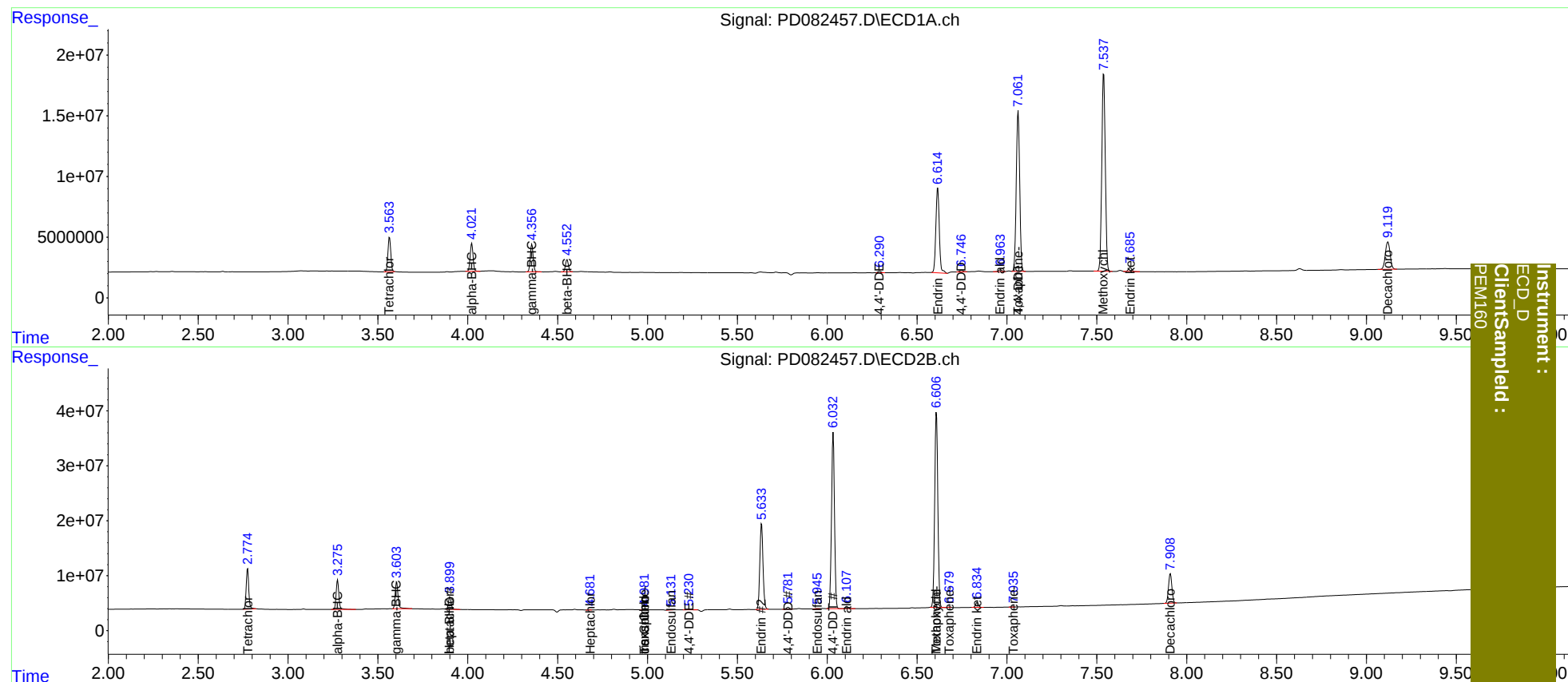
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.565  | 2.775  | 31312211 | 73812549 | 20.648   | 21.409     |
| 27)                         | SA Decachlor... | 9.120  | 7.909  | 41477485 | 70386321 | 21.210   | 21.631     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.022  | 3.276  | 25720080 | 56894354 | 10.012   | 10.595     |
| 3)                          | MA gamma-BHC... | 4.357  | 3.605  | 25575229 | 54427930 | 10.287   | 10.855     |
| 4)                          | MA Heptachlor   | 0.000  | 3.901f | 0        | 23526054 | N.D.     | 5.027      |
| 5)                          | MB Aldrin       | 0.000  | 4.233  | 0        | 286057   | N.D.     | <MDL       |
| 6)                          | B beta-BHC      | 4.553  | 3.901  | 11191474 | 23526054 | 10.674   | 11.316     |
| 8)                          | B Heptachlo...  | 0.000  | 4.682f | 0        | 633084   | N.D.     | 0.150      |
| 9)                          | A Endosulfan I  | 0.000  | 5.132f | 0        | 470717   | N.D.     | 0.123      |
| 10)                         | B trans-Chl...  | 0.000  | 4.982  | 0        | 1102422  | N.D.     | 0.274      |
| 11)                         | B cis-Chlor...  | 0.000  | 4.982f | 0        | 1102422  | N.D.     | 0.267      |
| 12)                         | B 4,4'-DDE      | 6.292f | 5.232  | 1480637  | 737125   | 0.719    | 0.190 #    |
| 14)                         | MA Endrin       | 6.615  | 5.635  | 92771479 | 192.4E6  | 50.602   | 53.029     |
| 15)                         | B Endosulfa...  | 0.000  | 5.946  | 0        | 547992   | N.D.     | 0.158      |
| 16)                         | A 4,4'-DDD      | 6.747  | 5.782  | 1661885  | 3928212  | 1.055    | 1.275      |
| 17)                         | MA 4,4'-DDT     | 7.063  | 6.033  | 174.7E6  | 369.4E6  | 106.786  | 112.531    |
| 18)                         | B Endrin al...  | 6.964  | 6.109  | 1942923  | 5213020  | 1.432    | 1.971 #    |
| 19)                         | B Endosulfa...  | 0.000  | 6.321  | 0        | 161174   | N.D.     | <MDL       |
| 20)                         | A Methoxychlor  | 7.538  | 6.608  | 220.3E6  | 432.2E6  | 250.111  | 258.074    |
| 21)                         | B Endrin ke...  | 7.686  | 6.835  | 3914005  | 10652783 | 2.179    | 2.833 #    |
| 22)                         | Toxaphene-1     | 0.000  | 4.982  | 0        | 1102422  | N.D.     | 53.358     |
| 24)                         | Toxaphene-3     | 7.063f | 6.608  | 174.7E6  | 432.2E6  | 3300.504 | 5693.779 # |
| 25)                         | Toxaphene-4     | 0.000  | 6.682f | 0        | 662946   | N.D.     | 6.328      |
| 26)                         | Toxaphene-5     | 0.000  | 7.036  | 0        | 106863   | N.D.     | 2.622      |
| -----                       |                 |        |        |          |          |          |            |

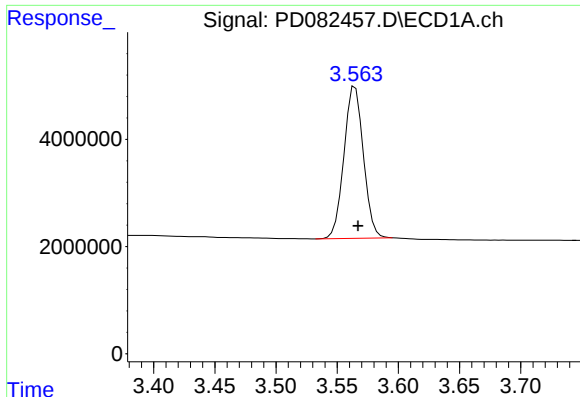
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD041624\  
Data File : PD082457.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Apr 2024 17:31  
Operator : AR\AJ  
Sample : PEM043  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 15 21:28:33 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041024CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 10 02:08:54 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

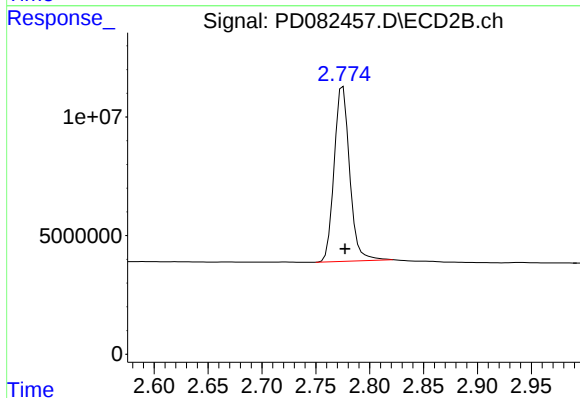




#1 Tetrachloro-m-xylene

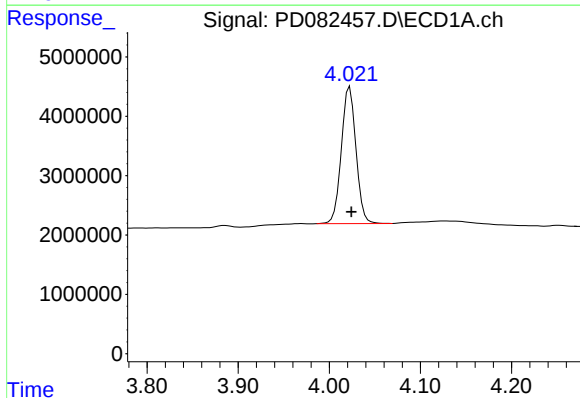
R.T.: 3.565 min  
Delta R.T.: -0.002 min  
Response: 31312211  
Conc: 20.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM160



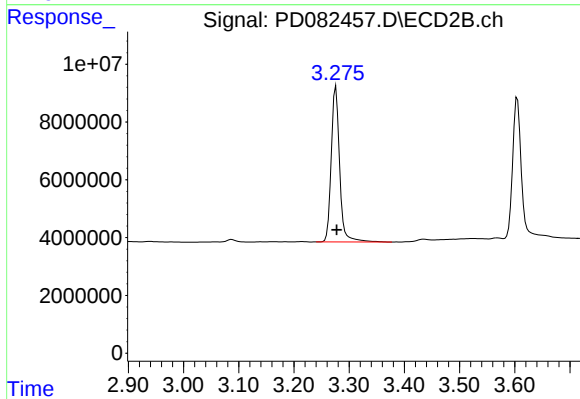
#1 Tetrachloro-m-xylene

R.T.: 2.775 min  
Delta R.T.: -0.002 min  
Response: 73812549  
Conc: 21.41 ng/ml



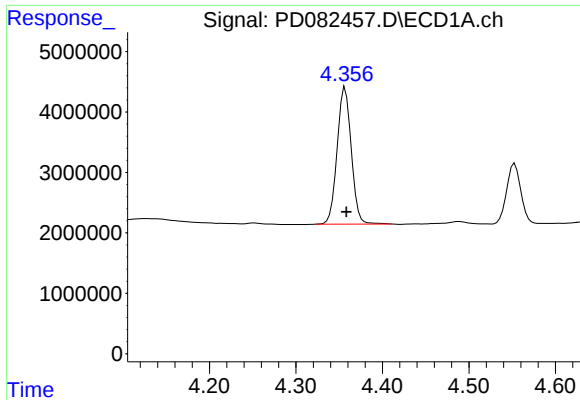
#2 alpha-BHC

R.T.: 4.022 min  
Delta R.T.: -0.002 min  
Response: 25720080  
Conc: 10.01 ng/ml



#2 alpha-BHC

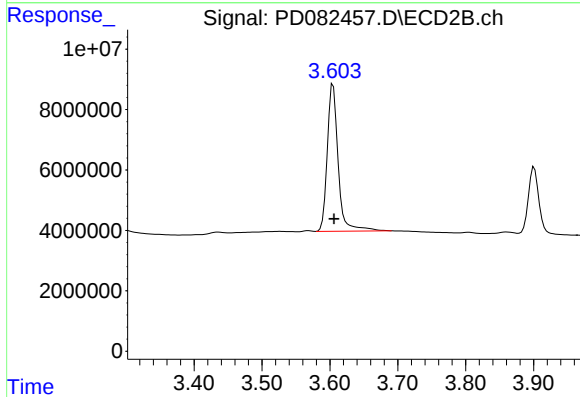
R.T.: 3.276 min  
Delta R.T.: -0.001 min  
Response: 56894354  
Conc: 10.60 ng/ml



#3 gamma-BHC (Lindane)

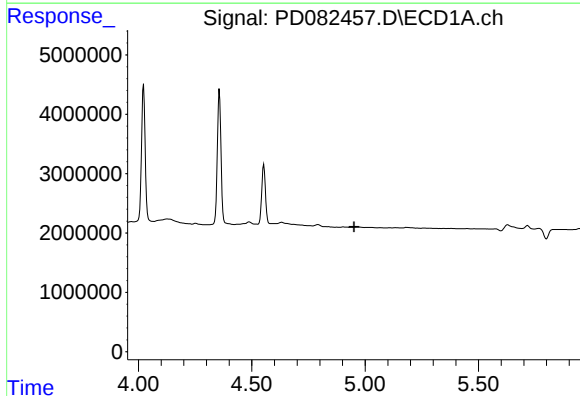
R.T.: 4.357 min  
Delta R.T.: -0.001 min  
Response: 25575229  
Conc: 10.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM160



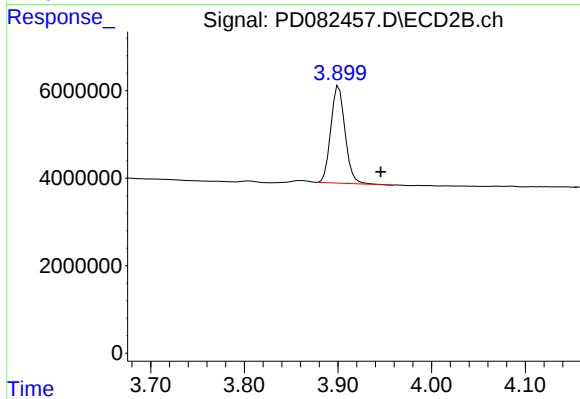
#3 gamma-BHC (Lindane)

R.T.: 3.605 min  
Delta R.T.: -0.001 min  
Response: 54427930  
Conc: 10.85 ng/ml



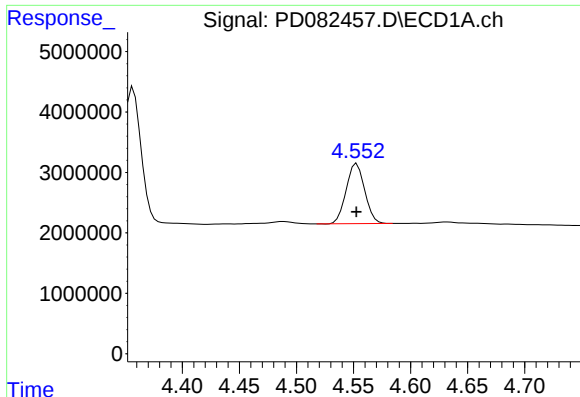
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.951 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

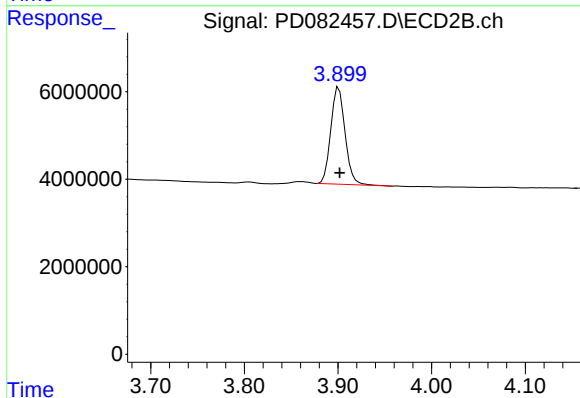
R.T.: 3.901 min  
Delta R.T.: -0.045 min  
Response: 23526054  
Conc: 5.03 ng/ml



#6 beta-BHC

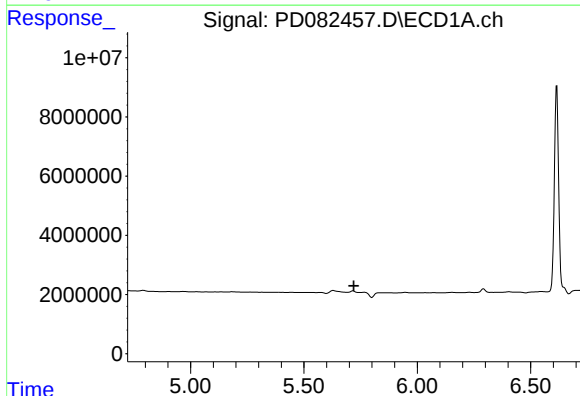
R.T.: 4.553 min  
Delta R.T.: 0.000 min  
Response: 11191474  
Conc: 10.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM160



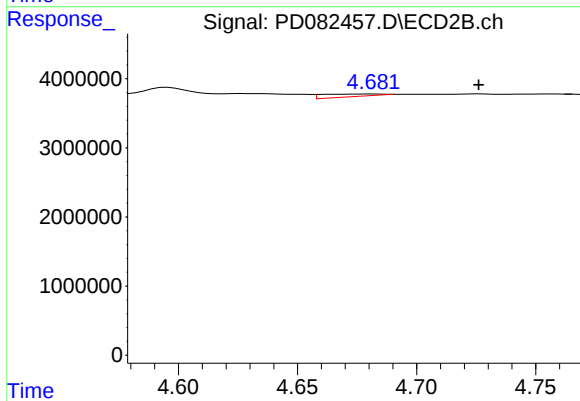
#6 beta-BHC

R.T.: 3.901 min  
Delta R.T.: 0.000 min  
Response: 23526054  
Conc: 11.32 ng/ml



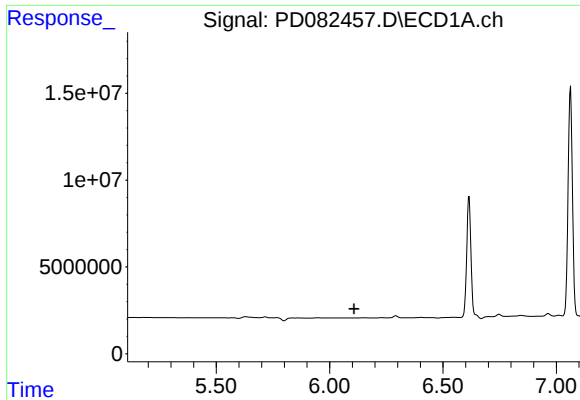
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 5.720 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

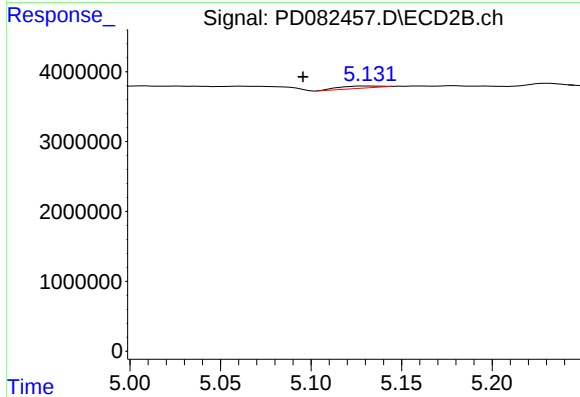
R.T.: 4.682 min  
Delta R.T.: -0.044 min  
Response: 633084  
Conc: 0.15 ng/ml



#9 Endosulfan I

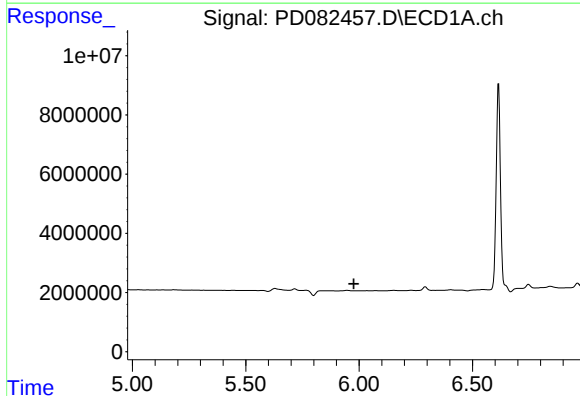
R.T.: 0.000 min  
Exp R.T.: 6.108 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM160



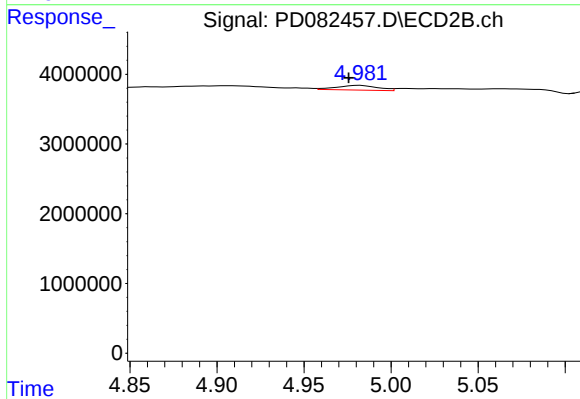
#9 Endosulfan I

R.T.: 5.132 min  
Delta R.T.: 0.036 min  
Response: 470717  
Conc: 0.12 ng/ml



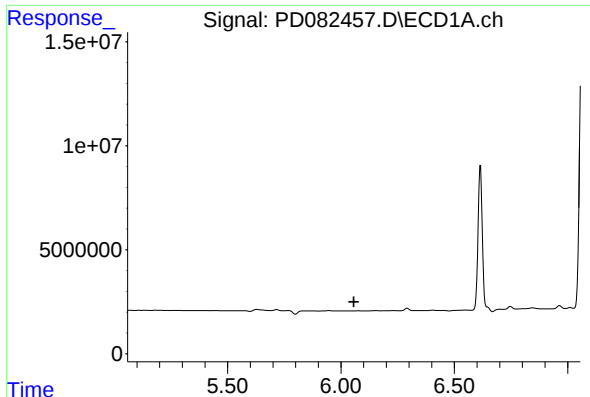
#10 trans-Chlordane

R.T.: 0.000 min  
Exp R.T.: 5.977 min  
Response: 0  
Conc: N.D.



#10 trans-Chlordane

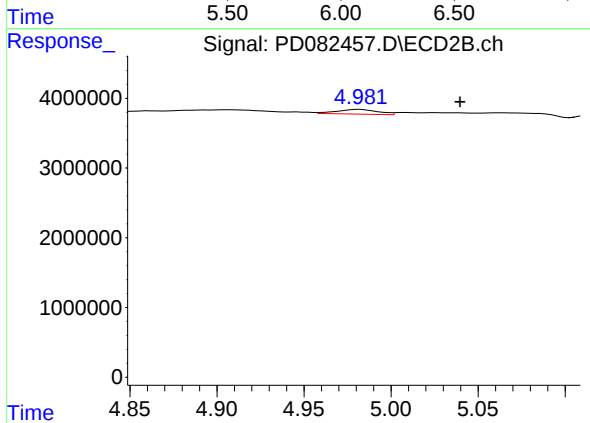
R.T.: 4.982 min  
Delta R.T.: 0.007 min  
Response: 1102422  
Conc: 0.27 ng/ml



#11 cis-Chlordane

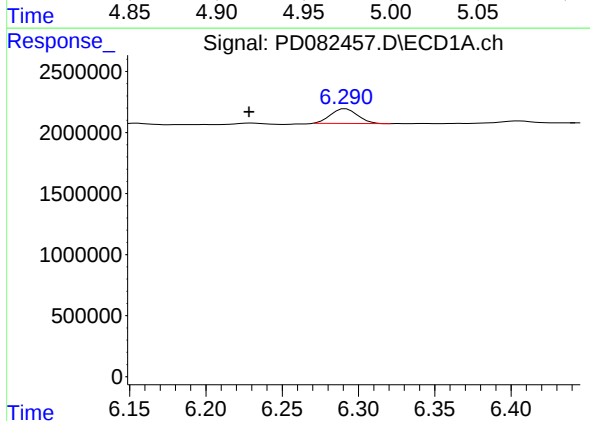
R.T.: 0.000 min  
Exp R.T.: 6.057 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM160



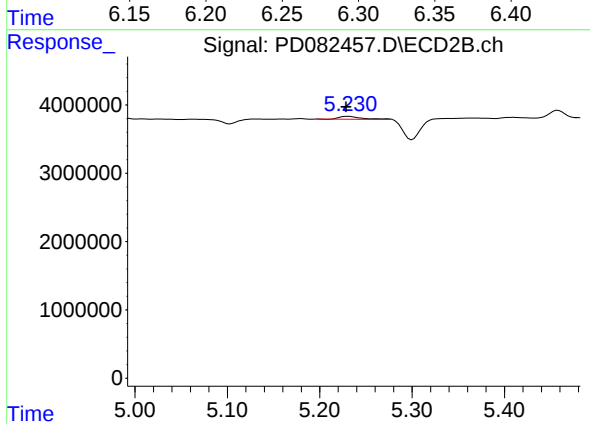
#11 cis-Chlordane

R.T.: 4.982 min  
Delta R.T.: -0.057 min  
Response: 1102422  
Conc: 0.27 ng/ml



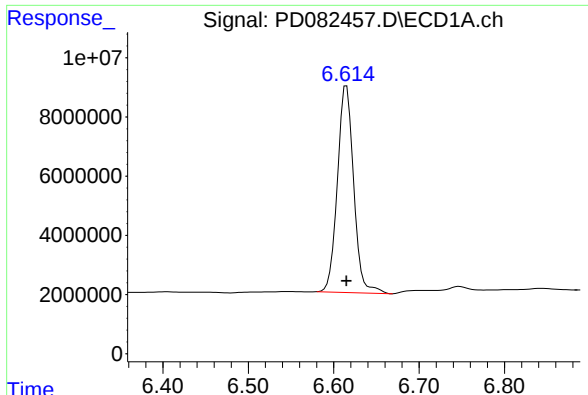
#12 4,4'-DDE

R.T.: 6.292 min  
Delta R.T.: 0.063 min  
Response: 1480637  
Conc: 0.72 ng/ml



#12 4,4'-DDE

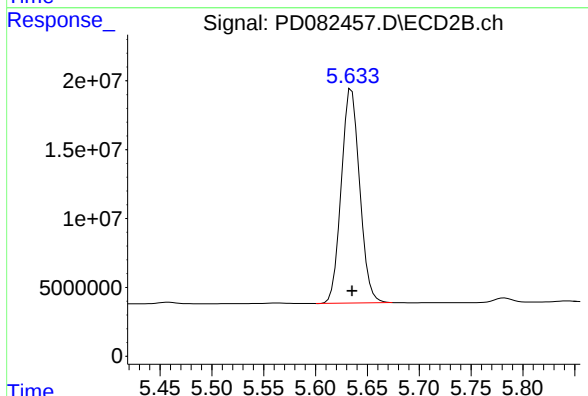
R.T.: 5.232 min  
Delta R.T.: 0.003 min  
Response: 737125  
Conc: 0.19 ng/ml



#14 Endrin

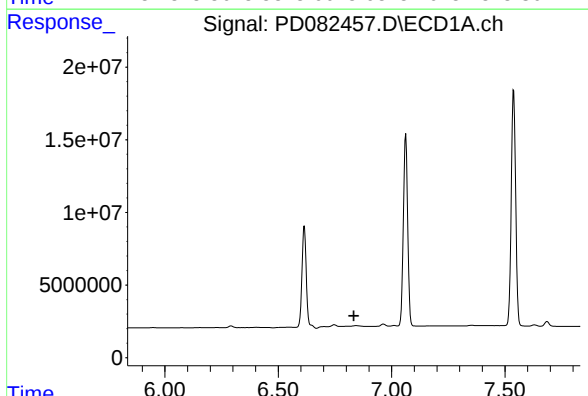
R.T.: 6.615 min  
Delta R.T.: 0.000 min  
Response: 92771479  
Conc: 50.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM160



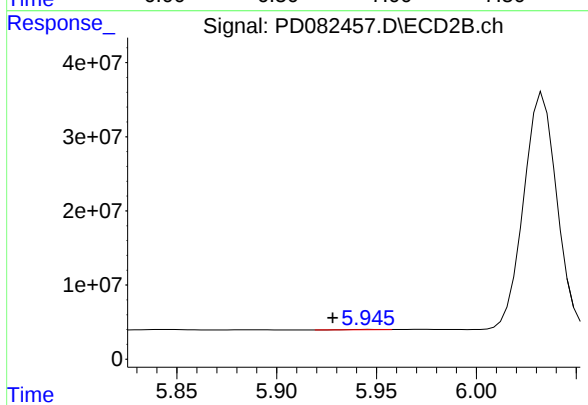
#14 Endrin

R.T.: 5.635 min  
Delta R.T.: 0.000 min  
Response: 192365613  
Conc: 53.03 ng/ml



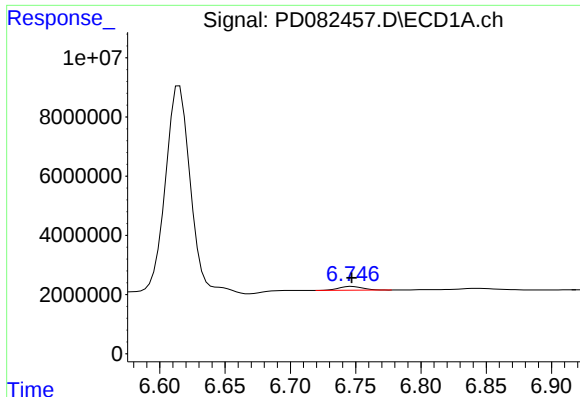
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 6.833 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

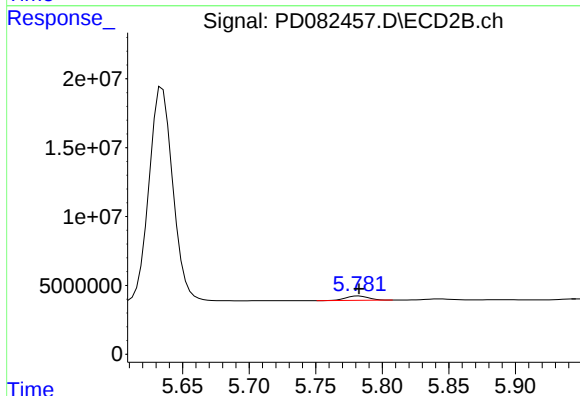
R.T.: 5.946 min  
Delta R.T.: 0.018 min  
Response: 547992  
Conc: 0.16 ng/ml



#16 4,4'-DDD

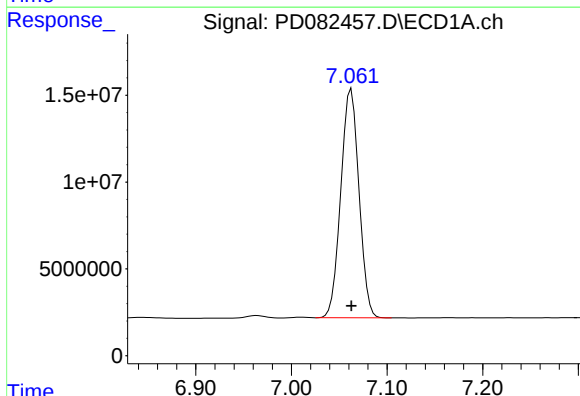
R.T.: 6.747 min  
Delta R.T.: 0.000 min  
Response: 1661885  
Conc: 1.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM160



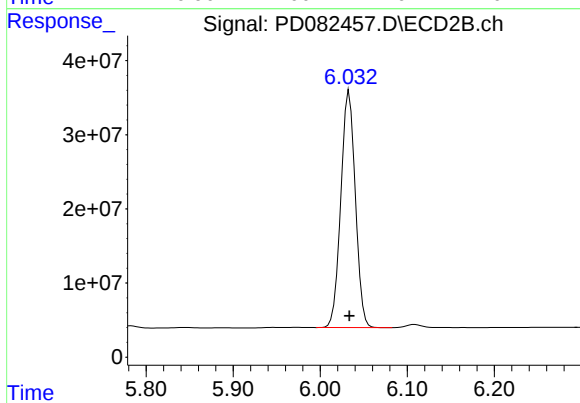
#16 4,4'-DDD

R.T.: 5.782 min  
Delta R.T.: 0.000 min  
Response: 3928212  
Conc: 1.28 ng/ml



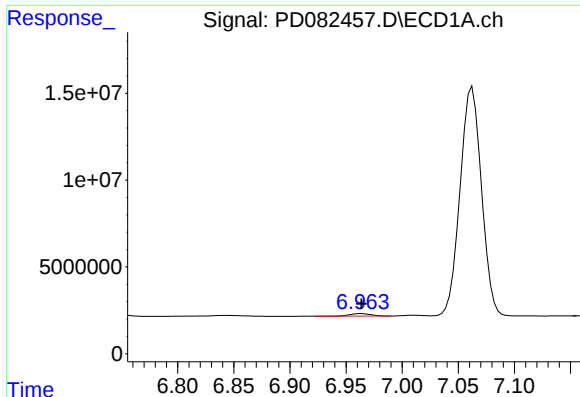
#17 4,4'-DDT

R.T.: 7.063 min  
Delta R.T.: 0.000 min  
Response: 174663641  
Conc: 106.79 ng/ml



#17 4,4'-DDT

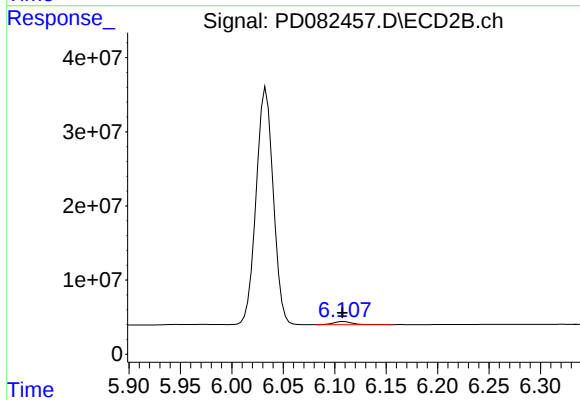
R.T.: 6.033 min  
Delta R.T.: 0.000 min  
Response: 369372133  
Conc: 112.53 ng/ml



#18 Endrin aldehyde

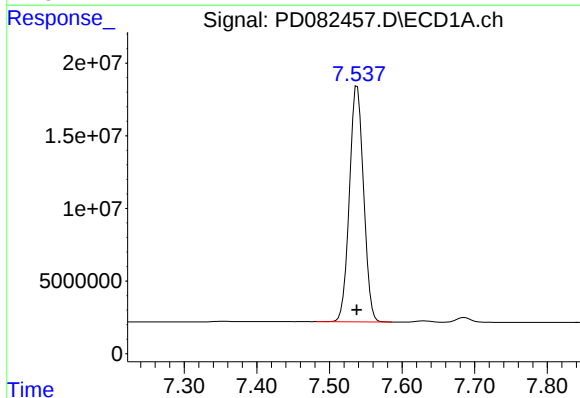
R.T.: 6.964 min  
Delta R.T.: 0.000 min  
Response: 1942923  
Conc: 1.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM160



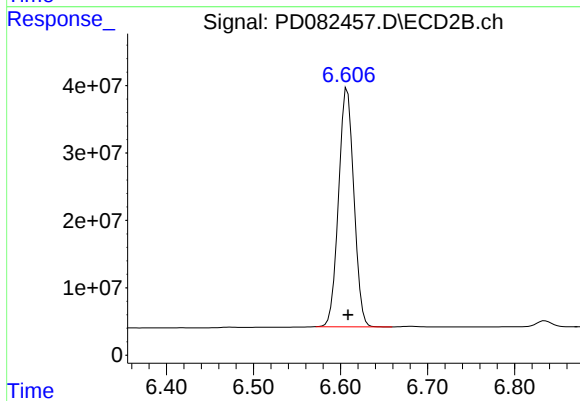
#18 Endrin aldehyde

R.T.: 6.109 min  
Delta R.T.: 0.001 min  
Response: 5213020  
Conc: 1.97 ng/ml



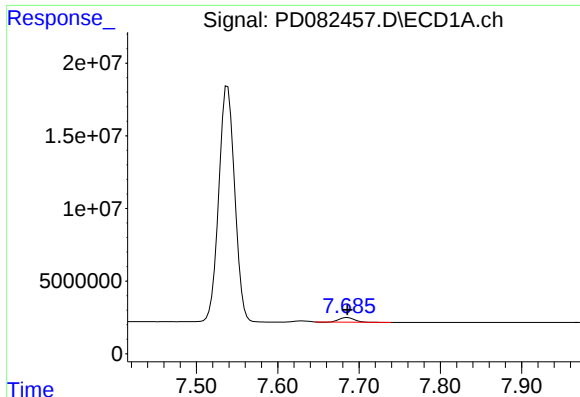
#20 Methoxychlor

R.T.: 7.538 min  
Delta R.T.: 0.000 min  
Response: 220330553  
Conc: 250.11 ng/ml



#20 Methoxychlor

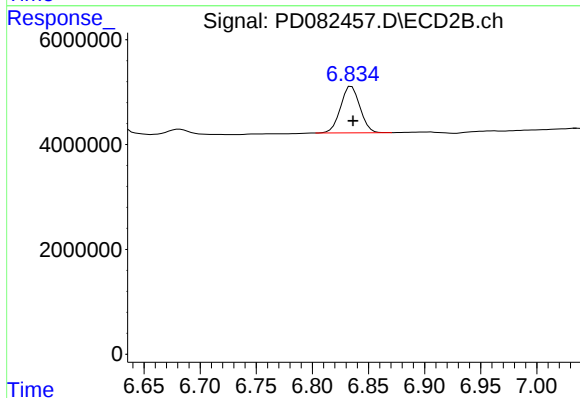
R.T.: 6.608 min  
Delta R.T.: 0.000 min  
Response: 432189042  
Conc: 258.07 ng/ml



#21 Endrin ketone

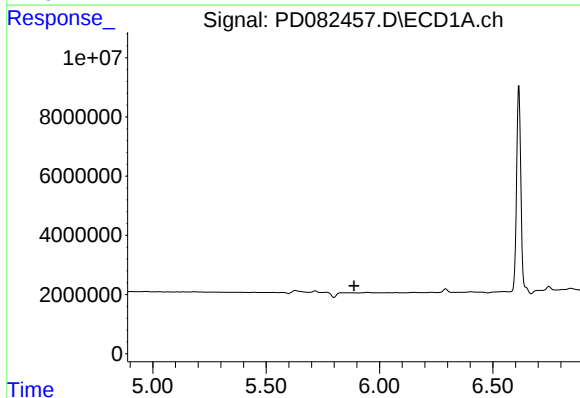
R.T.: 7.686 min  
Delta R.T.: 0.000 min  
Response: 3914005  
Conc: 2.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM160



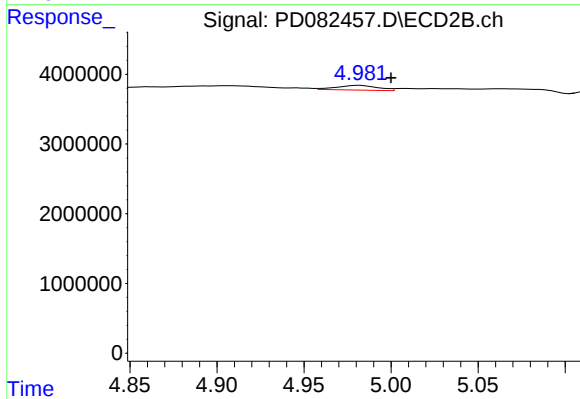
#21 Endrin ketone

R.T.: 6.835 min  
Delta R.T.: -0.001 min  
Response: 10652783  
Conc: 2.83 ng/ml



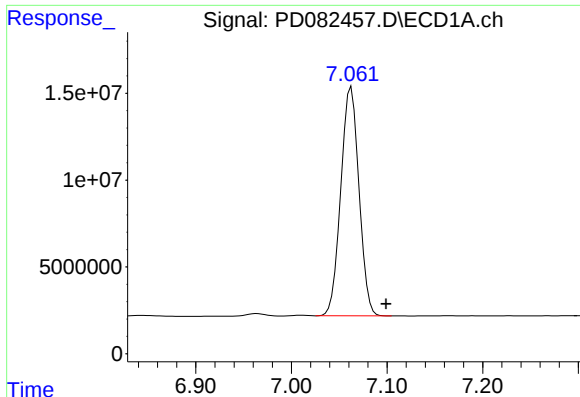
#22 Toxaphene-1

R.T.: 0.000 min  
Exp R.T. : 5.888 min  
Response: 0  
Conc: N.D.



#22 Toxaphene-1

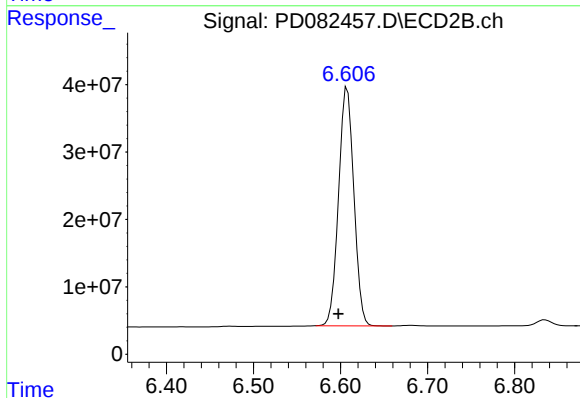
R.T.: 4.982 min  
Delta R.T.: -0.018 min  
Response: 1102422  
Conc: 53.36 ng/ml



#24 Toxaphene-3

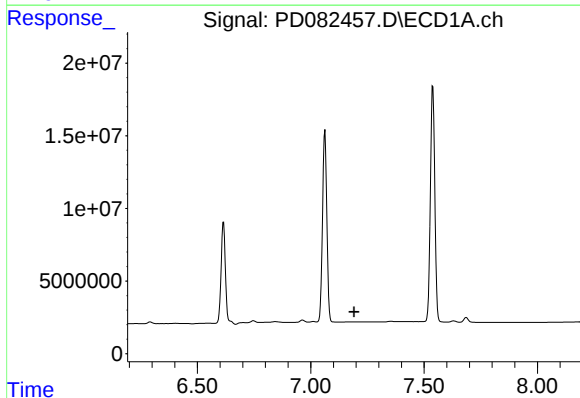
R.T.: 7.063 min  
Delta R.T.: -0.036 min  
Response: 174663641  
Conc: 3300.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM160



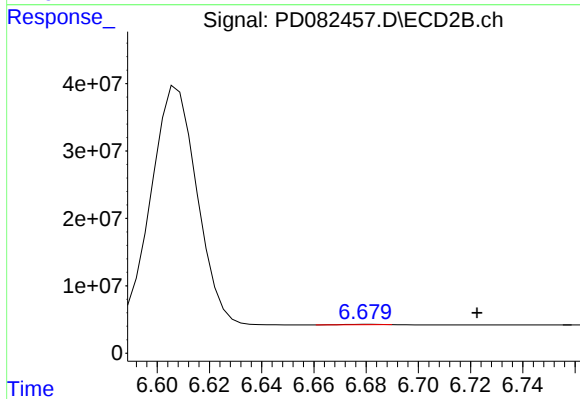
#24 Toxaphene-3

R.T.: 6.608 min  
Delta R.T.: 0.010 min  
Response: 432189042  
Conc: 5693.78 ng/ml



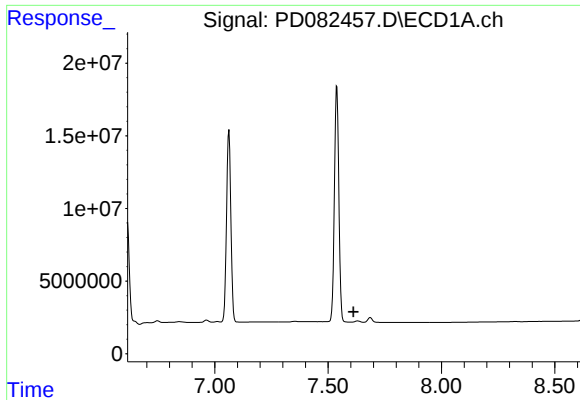
#25 Toxaphene-4

R.T.: 0.000 min  
Exp R.T. : 7.192 min  
Response: 0  
Conc: N.D.



#25 Toxaphene-4

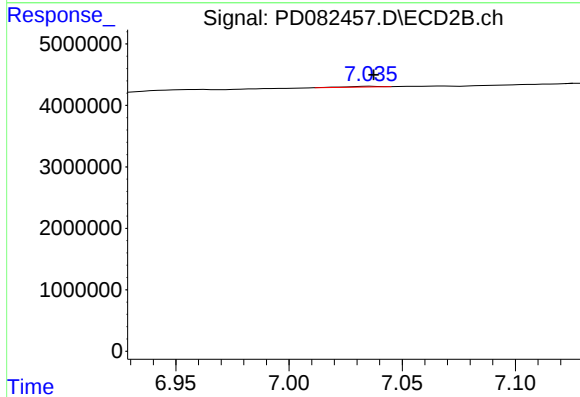
R.T.: 6.682 min  
Delta R.T.: -0.041 min  
Response: 662946  
Conc: 6.33 ng/ml



#26 Toxaphene-5

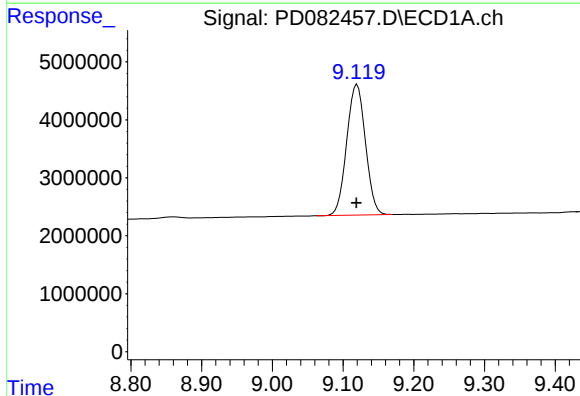
R.T.: 0.000 min  
Exp R.T.: 7.612 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM160



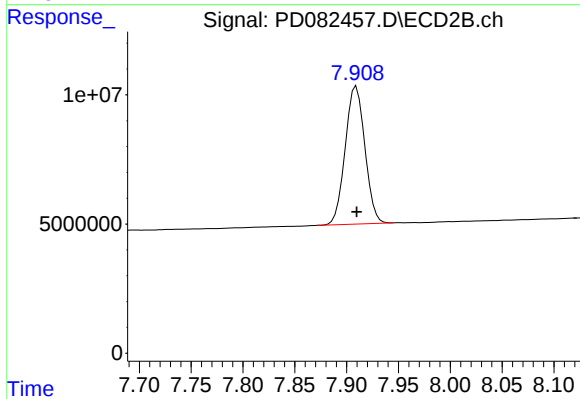
#26 Toxaphene-5

R.T.: 7.036 min  
Delta R.T.: -0.001 min  
Response: 106863  
Conc: 2.62 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.120 min  
Delta R.T.: 0.001 min  
Response: 41477485  
Conc: 21.21 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.909 min  
Delta R.T.: 0.000 min  
Response: 70386321  
Conc: 21.63 ng/ml