

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD120519\  
 Data File : PD056279.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Dec 2019 13:11  
 Operator : SG\AJ  
 Sample : PB125224BS  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PLCS24

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 06 03:01:24 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD120219CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 03 08:51:13 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

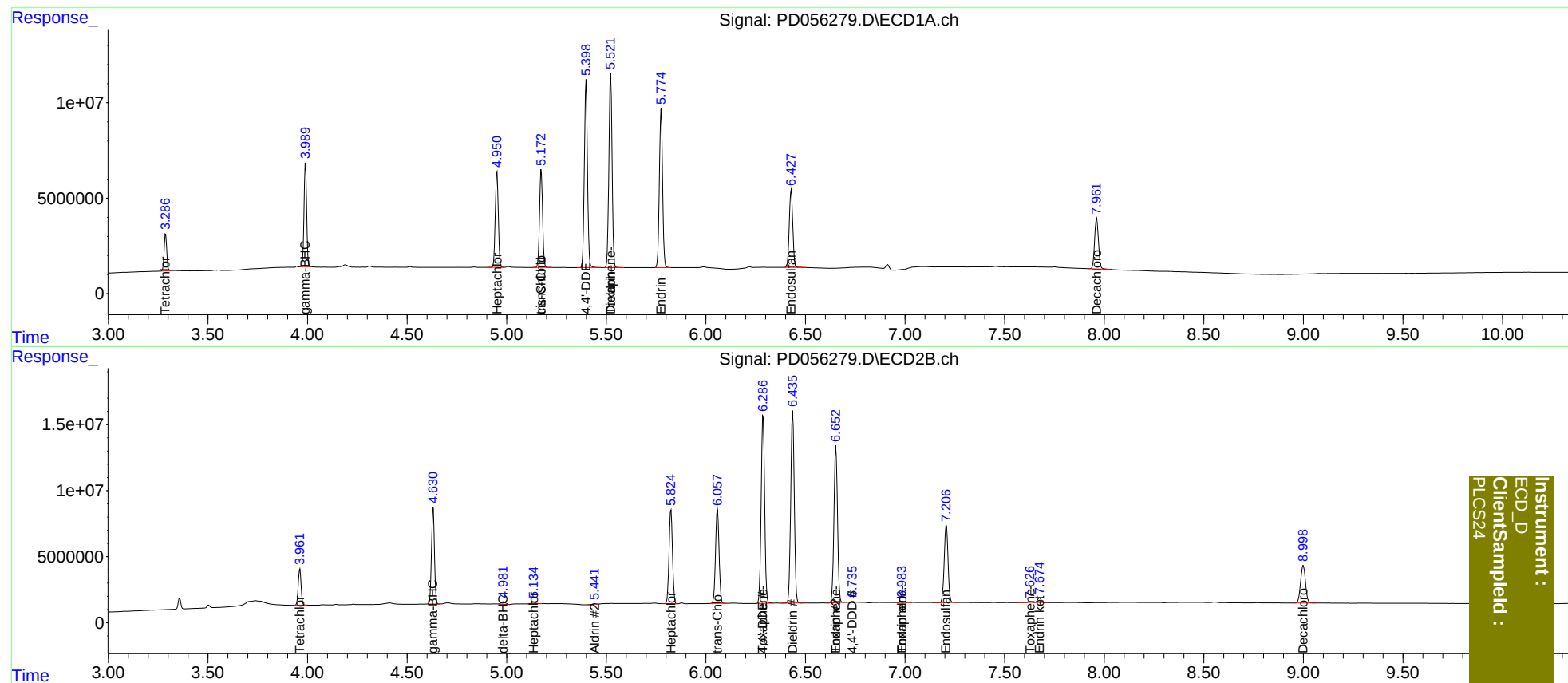
Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml     | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|-----------|-----------|
| -----                       |                 |        |        |          |          |           |           |
| System Monitoring Compounds |                 |        |        |          |          |           |           |
| 1)                          | SA Tetrachlo... | 3.288  | 3.962  | 17586089 | 27463442 | 21.234    | 22.843    |
| 27)                         | SA Decachlor... | 7.962  | 9.000  | 35891259 | 48439685 | 39.748    | 40.261    |
| Target Compounds            |                 |        |        |          |          |           |           |
| 3)                          | MA gamma-BHC... | 3.990  | 4.631  | 49464637 | 76252954 | 44.049    | 47.250    |
| 4)                          | MA Heptachlor   | 0.000  | 5.136  | 0        | 1738245  | N.D.      | 1.067     |
| 5)                          | MB Aldrin       | 0.000  | 5.442  | 0        | 507785   | N.D.      | 0.309     |
| 7)                          | B delta-BHC     | 0.000  | 4.983f | 0        | 2782893  | N.D.      | 1.671     |
| 8)                          | B Heptachlo...  | 4.951  | 5.825  | 53052215 | 84900318 | 51.869    | 54.800    |
| 10)                         | B trans-Chl...  | 5.174  | 6.059  | 54503433 | 88022716 | 51.990    | 53.236    |
| 11)                         | B cis-Chlor...  | 5.174f | 0.000  | 54503433 | 0        | 53.373    | N.D. #    |
| 12)                         | B 4,4'-DDE      | 5.399  | 6.288  | 107.5E6  | 173.5E6  | 106.450   | 110.493   |
| 13)                         | MA Dieldrin     | 5.522  | 6.436  | 112.4E6  | 180.0E6  | 110.631   | 114.572   |
| 14)                         | MA Endrin       | 5.776  | 6.653  | 93911827 | 147.8E6  | 112.376   | 116.814   |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.736f | 0        | 313104   | N.D.      | 0.266     |
| 18)                         | B Endrin al...  | 0.000  | 6.985  | 0        | 1089953  | N.D.      | 0.896     |
| 19)                         | B Endosulfa...  | 6.429  | 7.208  | 49457204 | 77992368 | 56.938    | 58.331    |
| 21)                         | B Endrin ke...  | 0.000  | 7.676  | 0        | 4374635  | N.D.      | 2.973     |
| 22)                         | Toxaphene-1     | 5.522  | 6.288  | 112.4E6  | 173.5E6  | 12472.455 | 15452.637 |
| 23)                         | Toxaphene-2     | 0.000  | 6.653  | 0        | 147.8E6  | N.D.      | 10712.614 |
| 24)                         | Toxaphene-3     | 0.000  | 6.985  | 0        | 1089953  | N.D.      | 55.408    |
| 26)                         | Toxaphene-5     | 0.000  | 7.628  | 0        | 551339   | N.D.      | 21.571    |
| -----                       |                 |        |        |          |          |           |           |

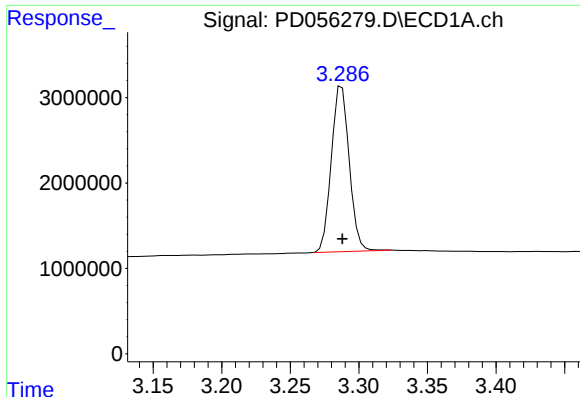
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 06 03:01:24 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD120219CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Dec 03 08:51:13 2019  
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



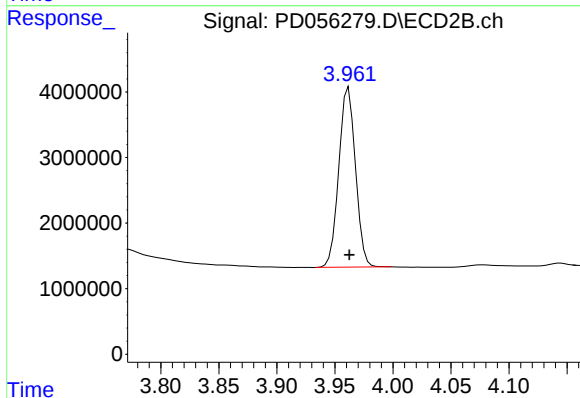
Instrument :  
ECD\_D  
ClientSampleId :  
PLCS24



#1 Tetrachloro-m-xylene

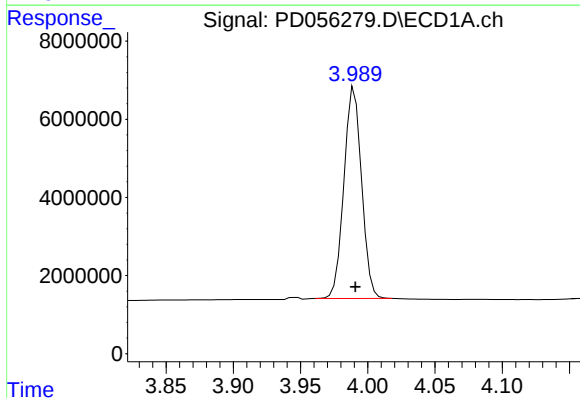
R.T.: 3.288 min  
Delta R.T.: 0.000 min  
Response: 17586089  
Conc: 21.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS24



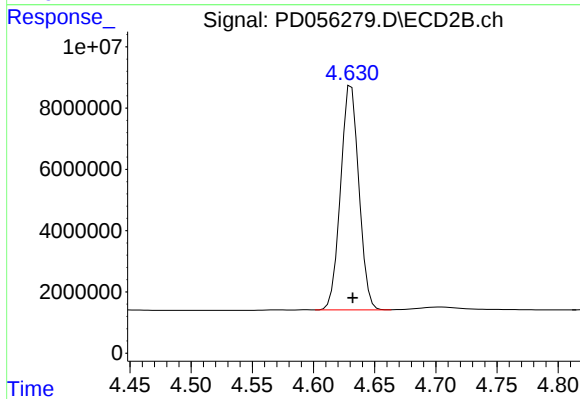
#1 Tetrachloro-m-xylene

R.T.: 3.962 min  
Delta R.T.: 0.000 min  
Response: 27463442  
Conc: 22.84 ng/ml



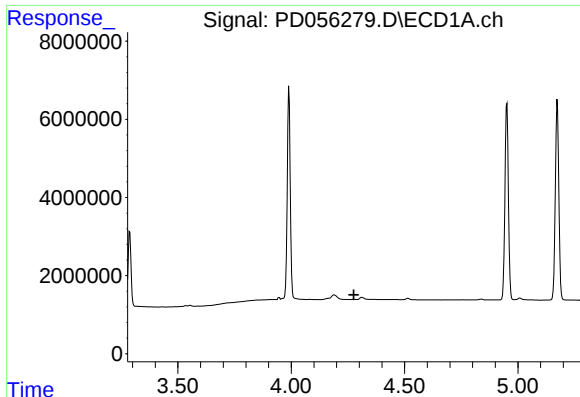
#3 gamma-BHC (Lindane)

R.T.: 3.990 min  
Delta R.T.: 0.000 min  
Response: 49464637  
Conc: 44.05 ng/ml



#3 gamma-BHC (Lindane)

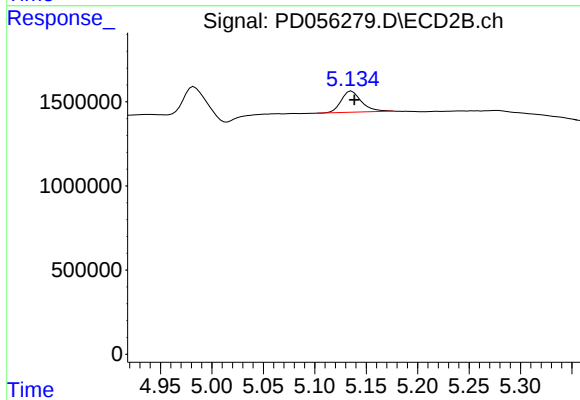
R.T.: 4.631 min  
Delta R.T.: -0.001 min  
Response: 76252954  
Conc: 47.25 ng/ml



#4 Heptachlor

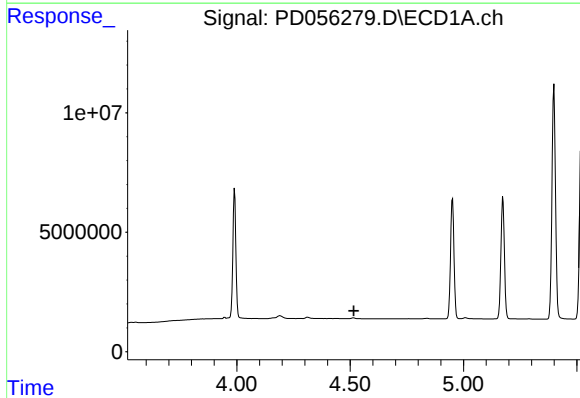
R.T.: 0.000 min  
Exp R.T.: 4.276 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS24



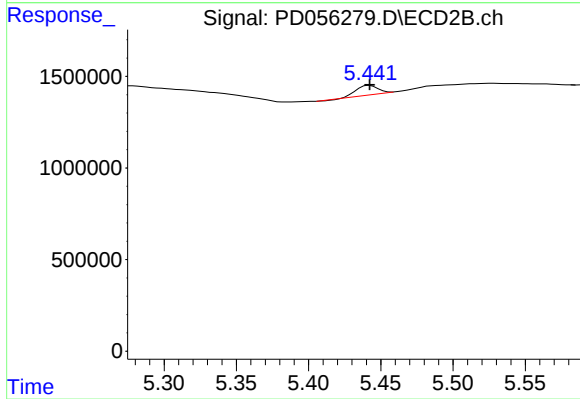
#4 Heptachlor

R.T.: 5.136 min  
Delta R.T.: -0.003 min  
Response: 1738245  
Conc: 1.07 ng/ml



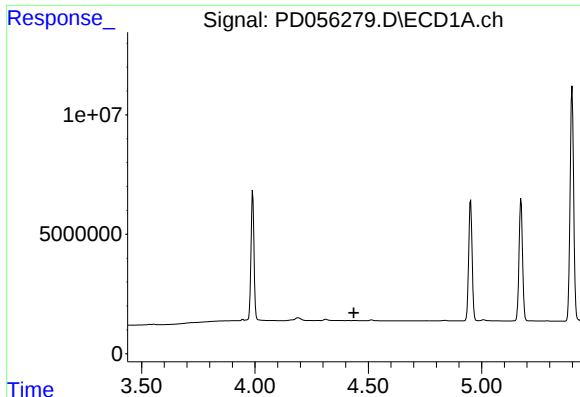
#5 Aldrin

R.T.: 0.000 min  
Exp R.T.: 4.516 min  
Response: 0  
Conc: N.D.



#5 Aldrin

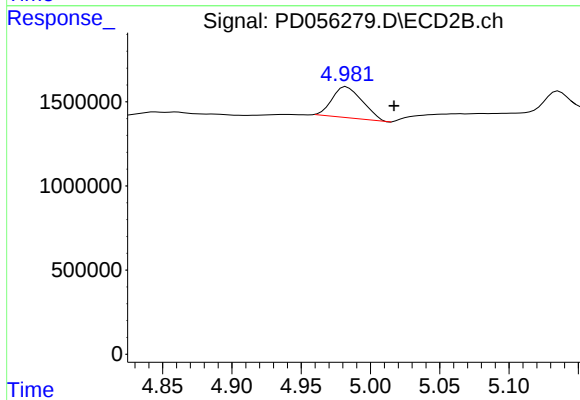
R.T.: 5.442 min  
Delta R.T.: 0.000 min  
Response: 507785  
Conc: 0.31 ng/ml



#7 delta-BHC

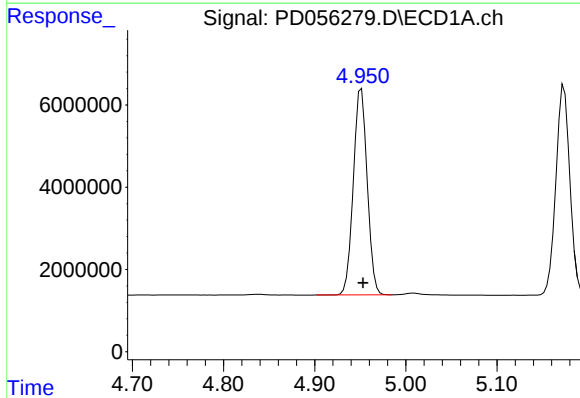
R.T.: 0.000 min  
Exp R.T.: 4.436 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS24



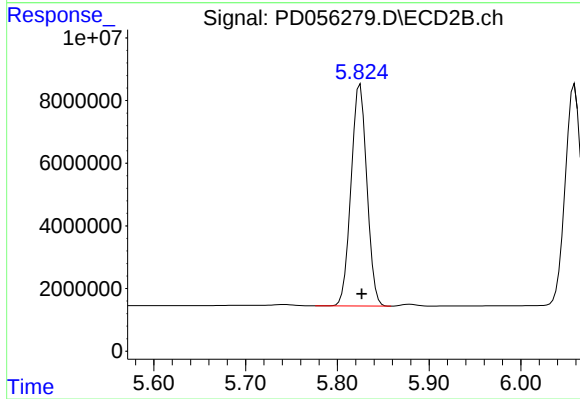
#7 delta-BHC

R.T.: 4.983 min  
Delta R.T.: -0.034 min  
Response: 2782893  
Conc: 1.67 ng/ml



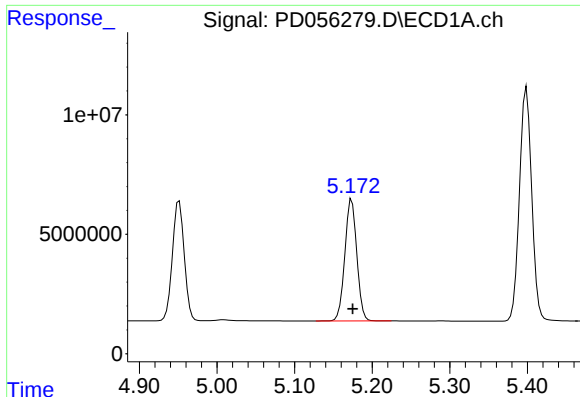
#8 Heptachlor epoxide

R.T.: 4.951 min  
Delta R.T.: -0.002 min  
Response: 53052215  
Conc: 51.87 ng/ml



#8 Heptachlor epoxide

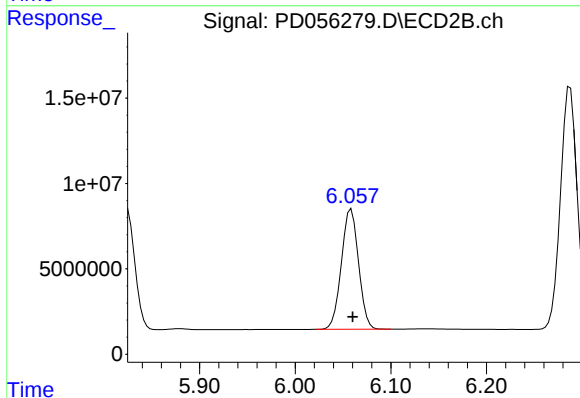
R.T.: 5.825 min  
Delta R.T.: -0.002 min  
Response: 84900318  
Conc: 54.80 ng/ml



#10 trans-Chlordane

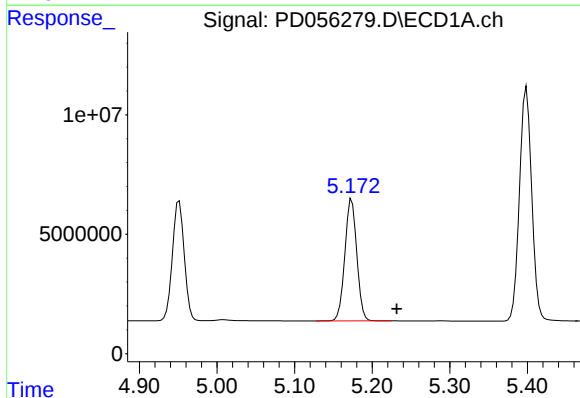
R.T.: 5.174 min  
Delta R.T.: -0.001 min  
Response: 54503433  
Conc: 51.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS24



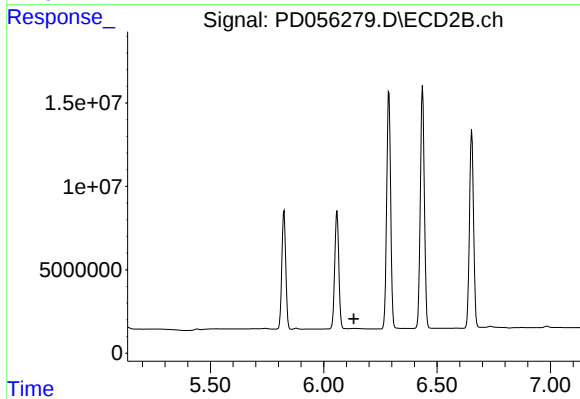
#10 trans-Chlordane

R.T.: 6.059 min  
Delta R.T.: -0.001 min  
Response: 88022716  
Conc: 53.24 ng/ml



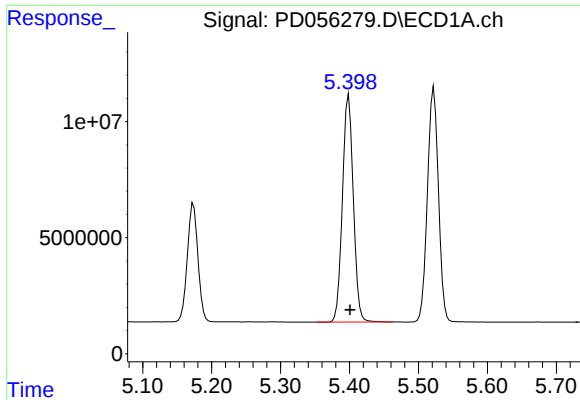
#11 cis-Chlordane

R.T.: 5.174 min  
Delta R.T.: -0.058 min  
Response: 54503433  
Conc: 53.37 ng/ml



#11 cis-Chlordane

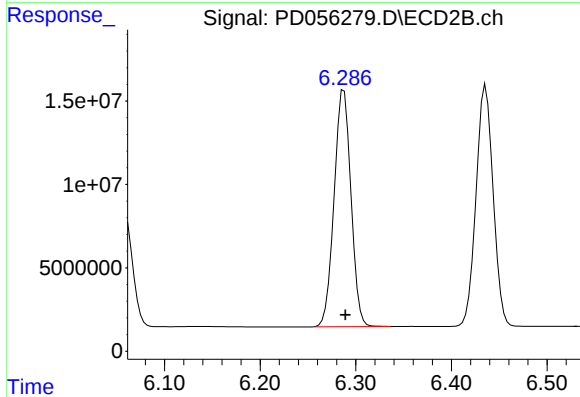
R.T.: 0.000 min  
Exp R.T. : 6.132 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

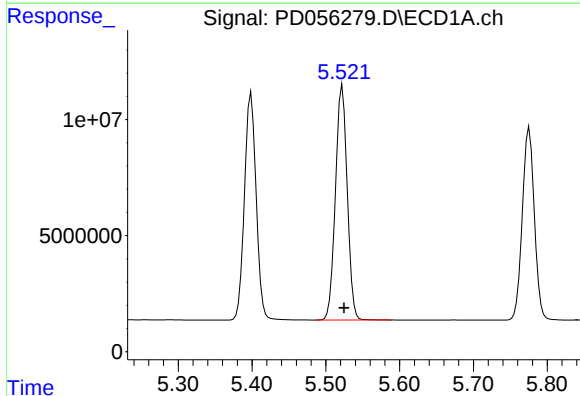
R.T.: 5.399 min  
Delta R.T.: -0.002 min  
Response: 107544160  
Conc: 106.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS24



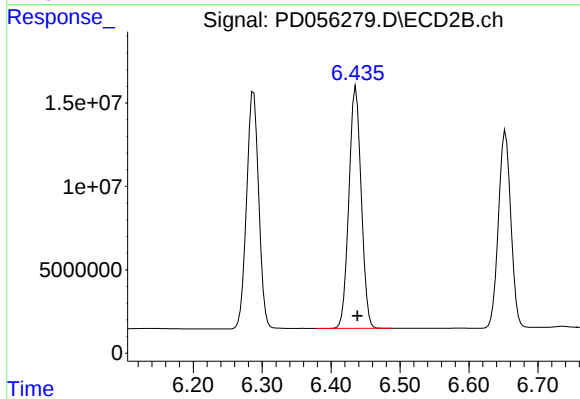
#12 4,4'-DDE

R.T.: 6.288 min  
Delta R.T.: -0.002 min  
Response: 173485641  
Conc: 110.49 ng/ml



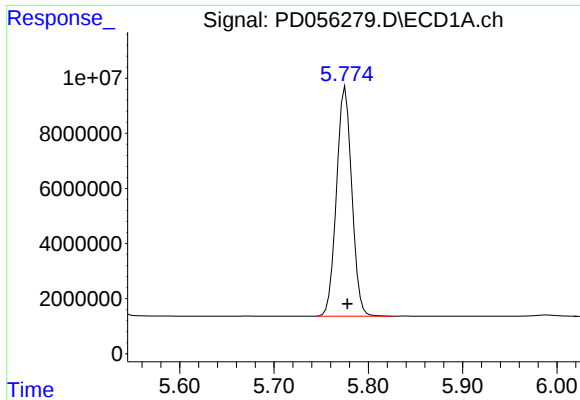
#13 Dieldrin

R.T.: 5.522 min  
Delta R.T.: -0.002 min  
Response: 112374722  
Conc: 110.63 ng/ml



#13 Dieldrin

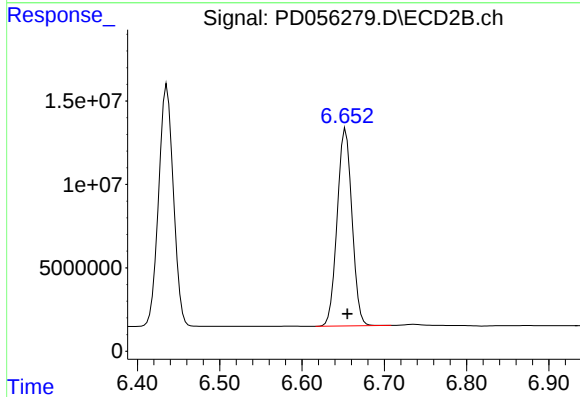
R.T.: 6.436 min  
Delta R.T.: -0.002 min  
Response: 180040231  
Conc: 114.57 ng/ml



#14 Endrin

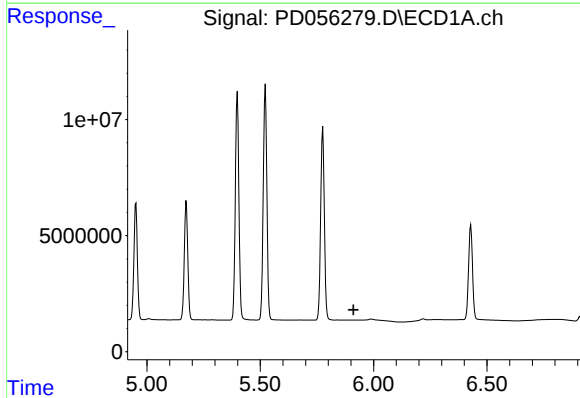
R.T.: 5.776 min  
Delta R.T.: -0.002 min  
Response: 93911827  
Conc: 112.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS24



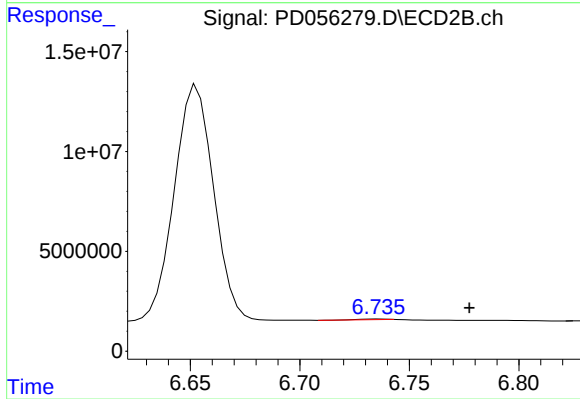
#14 Endrin

R.T.: 6.653 min  
Delta R.T.: -0.002 min  
Response: 147837875  
Conc: 116.81 ng/ml



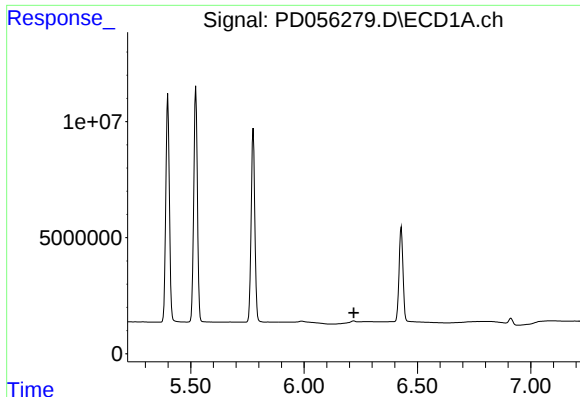
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 5.912 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

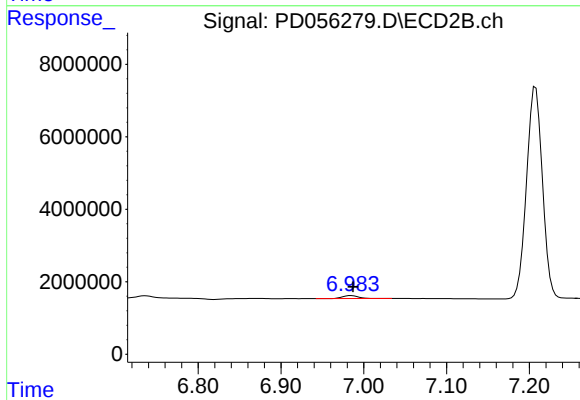
R.T.: 6.736 min  
Delta R.T.: -0.041 min  
Response: 313104  
Conc: 0.27 ng/ml



#18 Endrin aldehyde

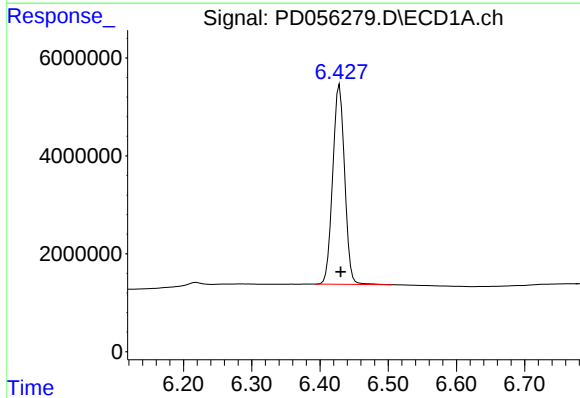
R.T.: 0.000 min  
Exp R.T.: 6.219 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS24



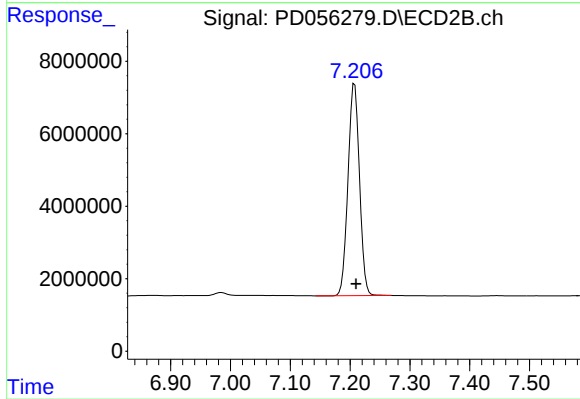
#18 Endrin aldehyde

R.T.: 6.985 min  
Delta R.T.: -0.002 min  
Response: 1089953  
Conc: 0.90 ng/ml



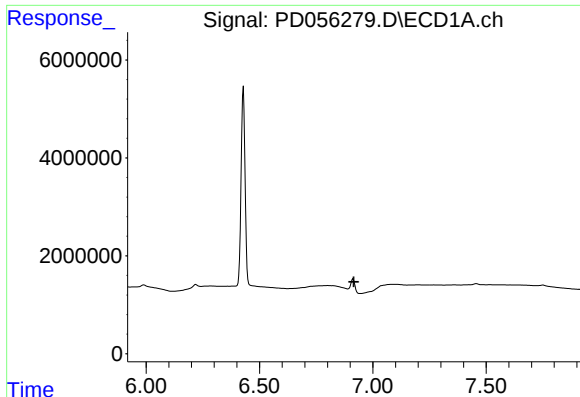
#19 Endosulfan Sulfate

R.T.: 6.429 min  
Delta R.T.: -0.001 min  
Response: 49457204  
Conc: 56.94 ng/ml



#19 Endosulfan Sulfate

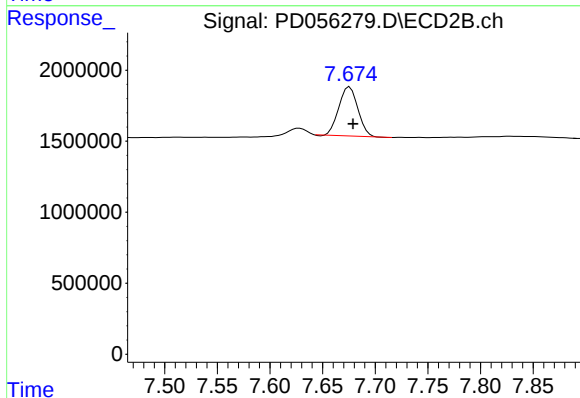
R.T.: 7.208 min  
Delta R.T.: -0.002 min  
Response: 77992368  
Conc: 58.33 ng/ml



#21 Endrin ketone

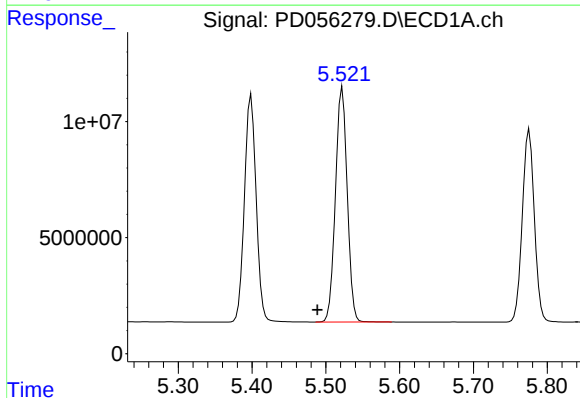
R.T.: 0.000 min  
Exp R.T.: 6.915 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS24



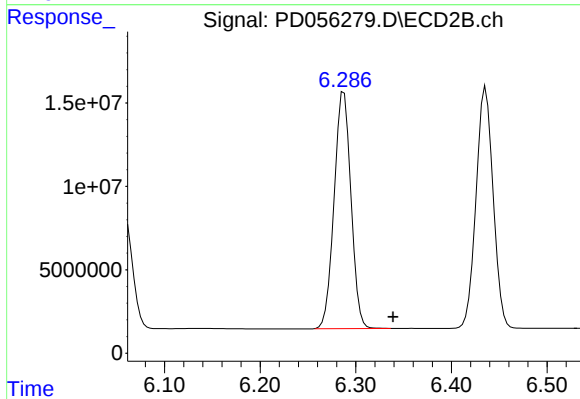
#21 Endrin ketone

R.T.: 7.676 min  
Delta R.T.: -0.003 min  
Response: 4374635  
Conc: 2.97 ng/ml



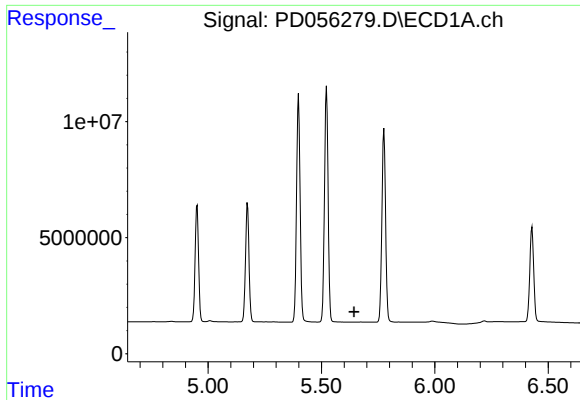
#22 Toxaphene-1

R.T.: 5.522 min  
Delta R.T.: 0.034 min  
Response: 112374722  
Conc: 12472.46 ng/ml



#22 Toxaphene-1

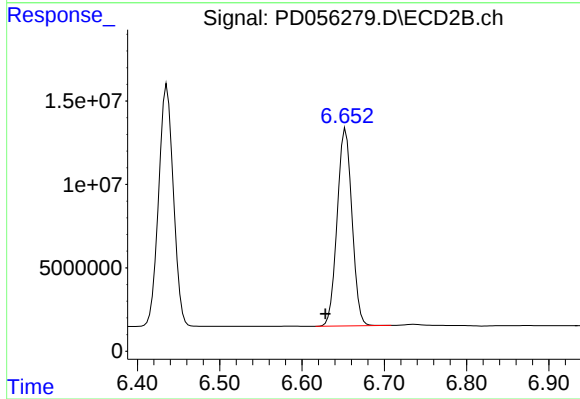
R.T.: 6.288 min  
Delta R.T.: -0.051 min  
Response: 173485641  
Conc: 15452.64 ng/ml



#23 Toxaphene-2

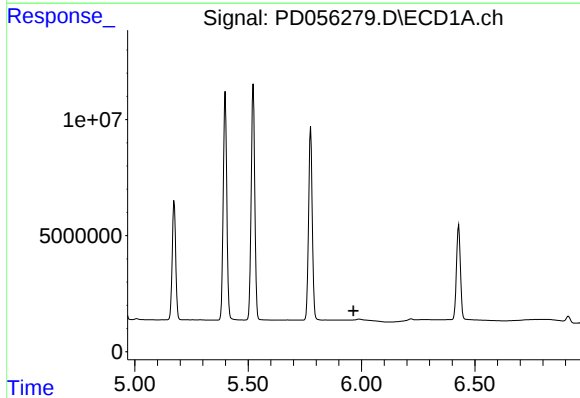
R.T.: 0.000 min  
Exp R.T.: 5.644 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS24



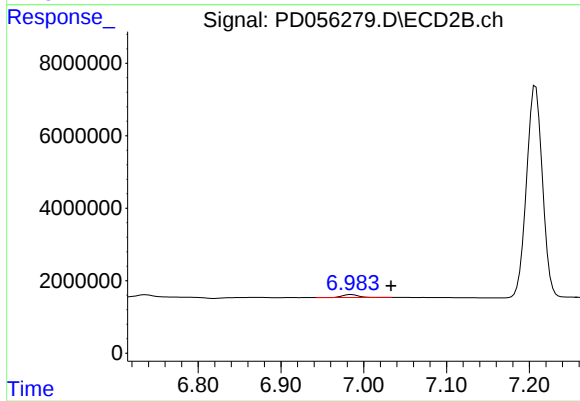
#23 Toxaphene-2

R.T.: 6.653 min  
Delta R.T.: 0.025 min  
Response: 147837875  
Conc: 10712.61 ng/ml



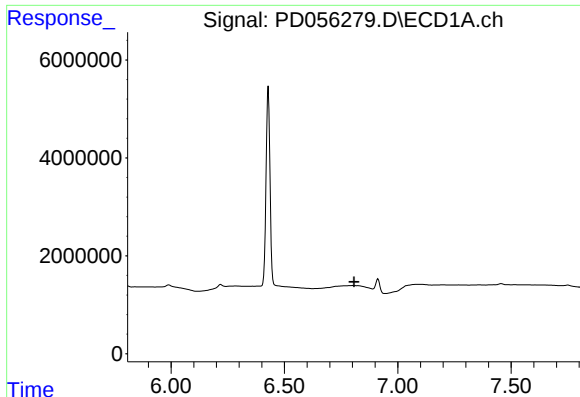
#24 Toxaphene-3

R.T.: 0.000 min  
Exp R.T.: 5.965 min  
Response: 0  
Conc: N.D.



#24 Toxaphene-3

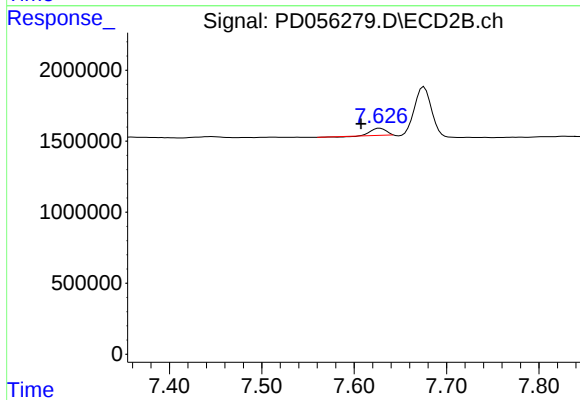
R.T.: 6.985 min  
Delta R.T.: -0.048 min  
Response: 1089953  
Conc: 55.41 ng/ml



#26 Toxaphene-5

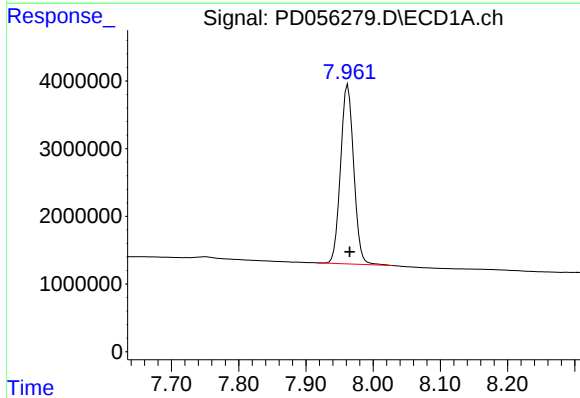
R.T.: 0.000 min  
Exp R.T.: 6.808 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS24



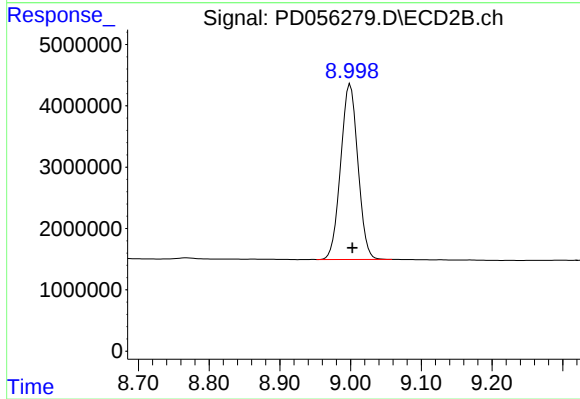
#26 Toxaphene-5

R.T.: 7.628 min  
Delta R.T.: 0.020 min  
Response: 551339  
Conc: 21.57 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.962 min  
Delta R.T.: -0.003 min  
Response: 35891259  
Conc: 39.75 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.000 min  
Delta R.T.: -0.003 min  
Response: 48439685  
Conc: 40.26 ng/ml