

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD092521\  
 Data File : PD065877.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Sep 2021 01:20  
 Operator : AR\AJ  
 Sample : PB139136BS  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 25 05:20:13 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD092221.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Sep 23 12:18:33 2021  
 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... | 3.493 | 4.013  | 16880322 | 140.5E6  | 22.794   | 24.469     |
| 28)                         | SA Decachlor... | 8.235 | 9.085  | 27505983 | 85401695 | 20.137   | 22.067     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.933 | 4.408  | 62455002 | 449.1E6  | 55.611   | 53.411     |
| 3)                          | MA gamma-BHC... | 4.216 | 4.694  | 61445638 | 418.6E6  | 54.795   | 54.188     |
| 4)                          | MA Heptachlor   | 4.513 | 5.197  | 65442231 | 395.3E6  | 54.864   | 54.482     |
| 5)                          | MB Aldrin       | 4.761 | 5.503  | 63612132 | 365.6E6  | 56.863   | 54.346     |
| 6)                          | B beta-BHC      | 4.464 | 4.870  | 29249528 | 193.7E6  | 51.237   | 52.414     |
| 7)                          | B delta-BHC     | 4.669 | 5.087  | 49144318 | 323.9E6  | 43.472   | 45.010     |
| 8)                          | B Heptachlo...  | 5.203 | 5.892  | 64363495 | 330.5E6  | 57.481   | 63.950     |
| 9)                          | A Endosulfan I  | 5.542 | 6.250  | 62491178 | 305.6E6  | 57.461   | 55.299     |
| 10)                         | B gamma-Chl...  | 5.428 | 6.126  | 67231437 | 327.9E6  | 55.676   | 54.664     |
| 11)                         | B alpha-Chl...  | 5.487 | 6.198  | 66997140 | 321.5E6  | 56.596   | 53.569     |
| 12)                         | B 4,4'-DDE      | 5.649 | 6.357  | 63378972 | 316.2E6  | 58.225   | 54.824     |
| 13)                         | MA Dieldrin     | 5.784 | 6.508  | 66878333 | 323.2E6  | 57.702   | 54.839     |
| 14)                         | MA Endrin       | 6.042 | 6.727  | 52773997 | 240.9E6  | 49.874   | 48.871     |
| 15)                         | B Endosulfa...  | 6.314 | 6.941  | 59530338 | 263.0E6  | 55.105   | 54.287     |
| 16)                         | A 4,4'-DDD      | 6.164 | 6.851  | 57040618 | 267.7E6  | 58.149   | 54.465     |
| 17)                         | MA 4,4'-DDT     | 6.404 | 7.148  | 59685247 | 266.4E6  | 54.225   | 52.743     |
| 18)                         | B Endrin al...  | 6.483 | 7.066  | 51173463 | 224.2E6  | 57.740   | 57.265     |
| 19)                         | B Endosulfa...  | 6.694 | 7.288  | 60607988 | 255.3E6  | 53.101   | 51.765     |
| 20)                         | A Methoxychlor  | 6.950 | 7.608  | 35194580 | 137.3E6  | 51.502   | 52.166     |
| 21)                         | B Endrin ke...  | 7.188 | 7.761  | 78240430 | 303.1E6  | 55.543   | 53.150     |
| 22)                         | Mirex           | 7.373 | 8.210  | 57447428 | 197.2E6  | 47.581   | 49.951     |
| 24)                         | Chlordane-2     | 0.000 | 5.503f | 0        | 365.6E6  | N.D.     | 1580.620 # |
| 25)                         | Chlordane-3     | 5.428 | 6.126  | 67231437 | 327.9E6  | 570.655  | 399.800 #  |
| 26)                         | Chlordane-4     | 5.487 | 6.198  | 66997140 | 321.5E6  | 678.353  | 335.213 #  |
| 27)                         | Chlordane-5     | 6.314 | 0.000  | 59530338 | 0        | 1224.899 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

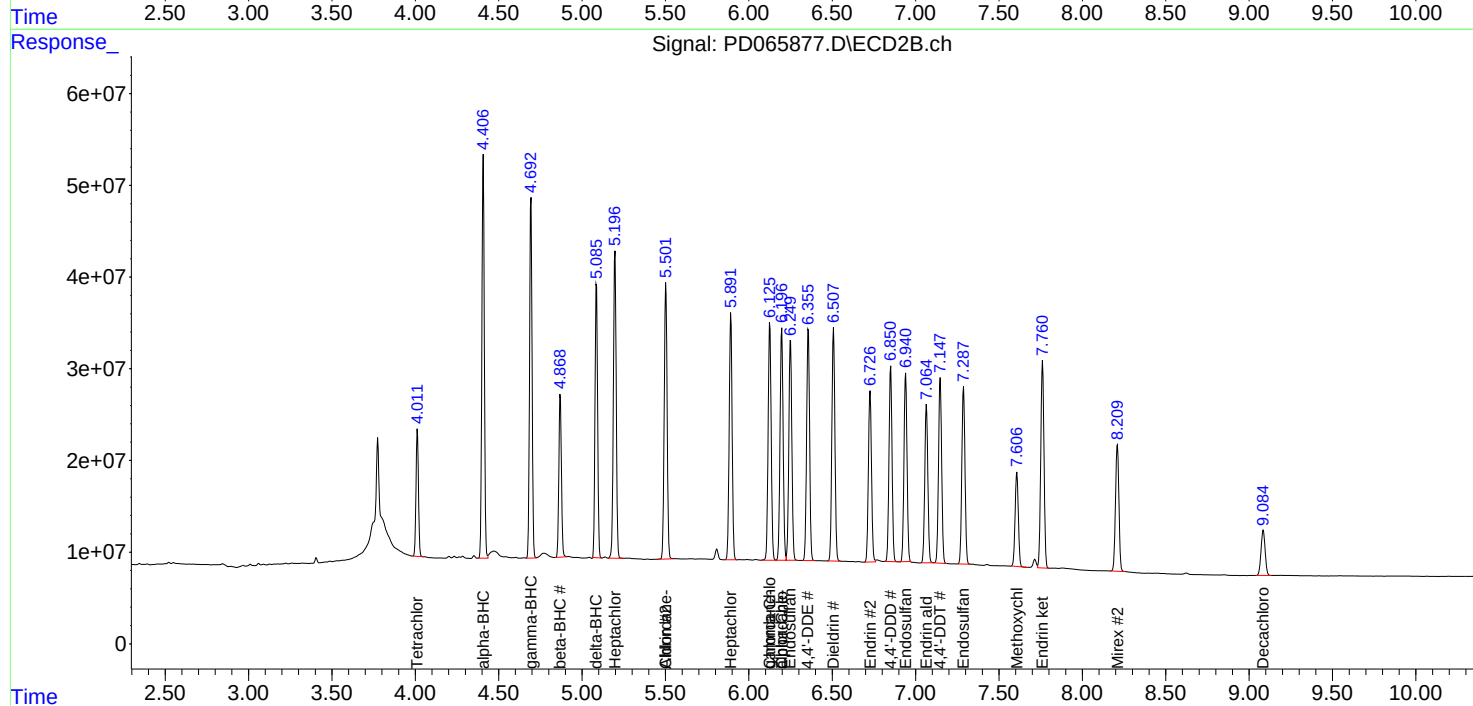
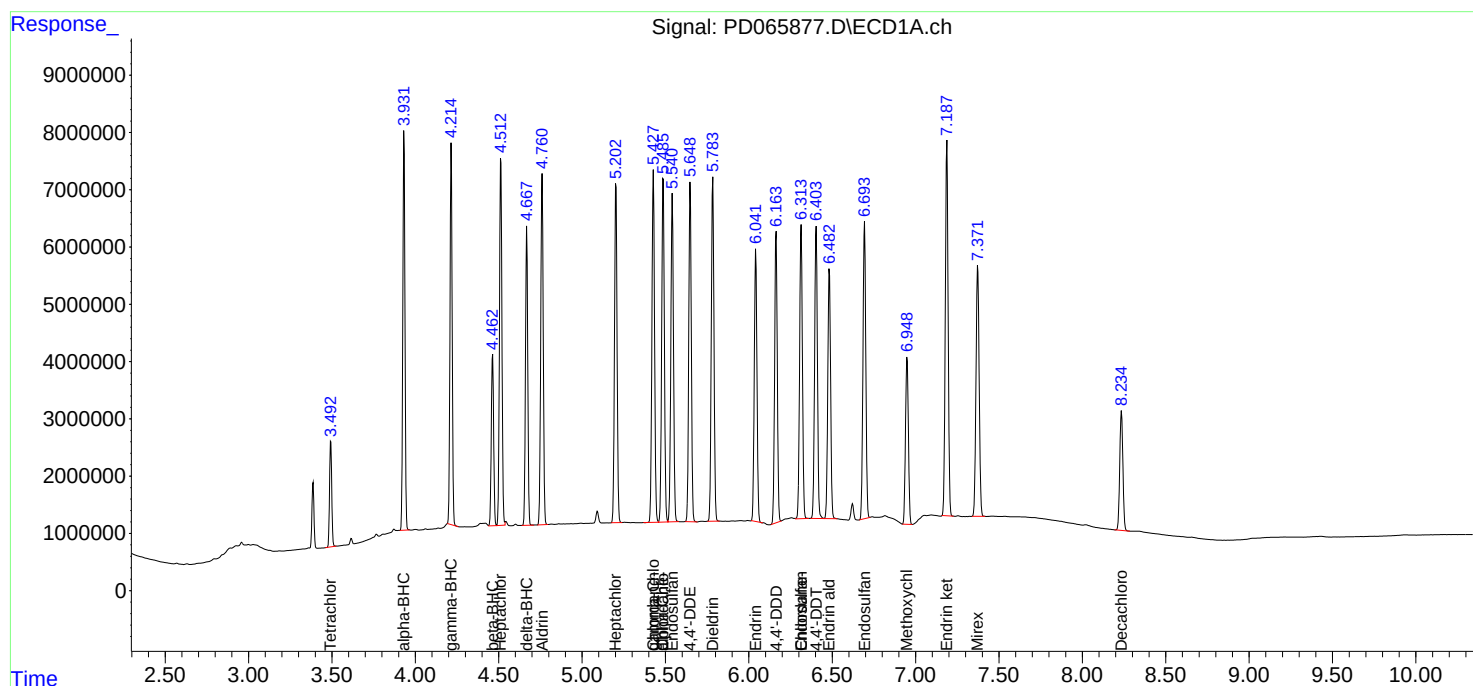
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

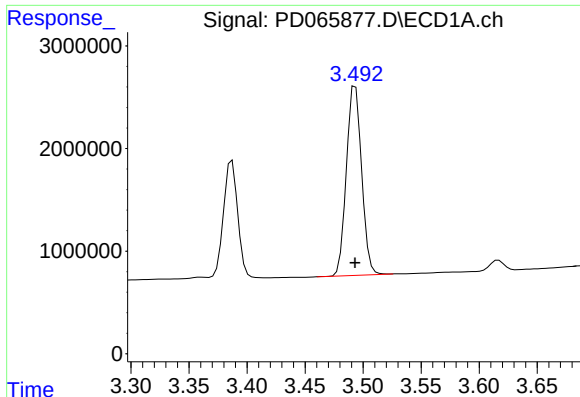
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD092521\  
Data File : PD065877.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Sep 2021 01:20  
Operator : AR\AJ  
Sample : PB139136BS  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 25 05:20:13 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD092221.M  
Quant Title : GC Extractables  
QLast Update : Thu Sep 23 12:18:33 2021  
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

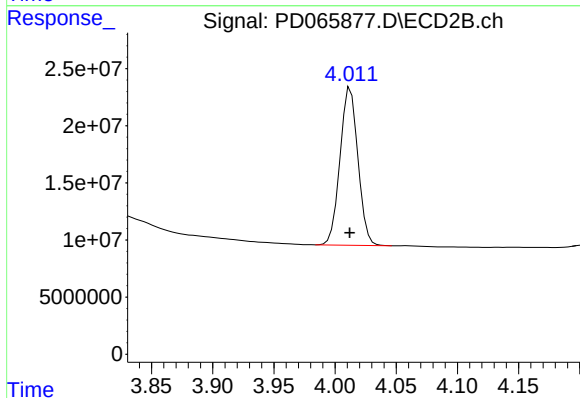




#1 Tetrachloro-m-xylene

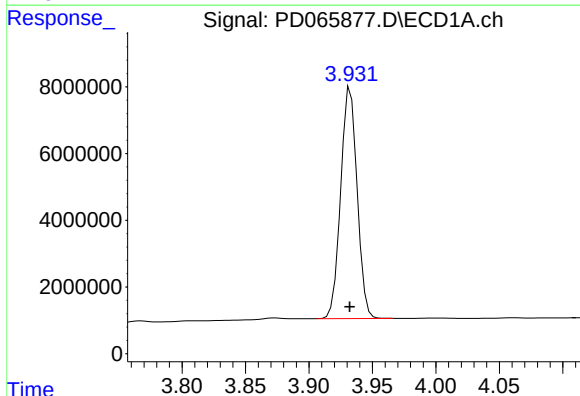
R.T.: 3.493 min  
Delta R.T.: 0.000 min  
Response: 16880322  
Conc: 22.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



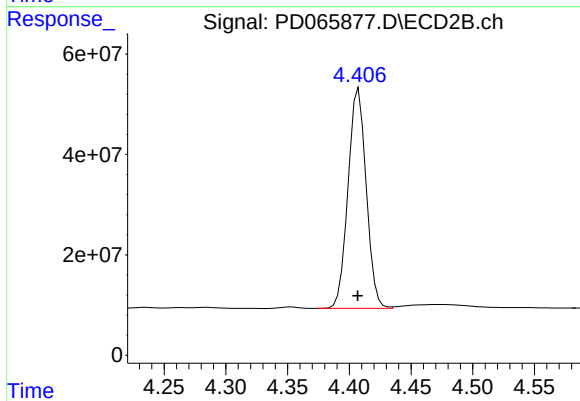
#1 Tetrachloro-m-xylene

R.T.: 4.013 min  
Delta R.T.: 0.000 min  
Response: 140504757  
Conc: 24.47 ng/ml



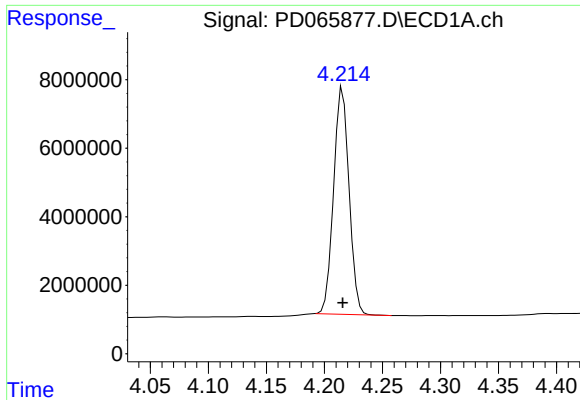
#2 alpha-BHC

R.T.: 3.933 min  
Delta R.T.: 0.000 min  
Response: 62455002  
Conc: 55.61 ng/ml



#2 alpha-BHC

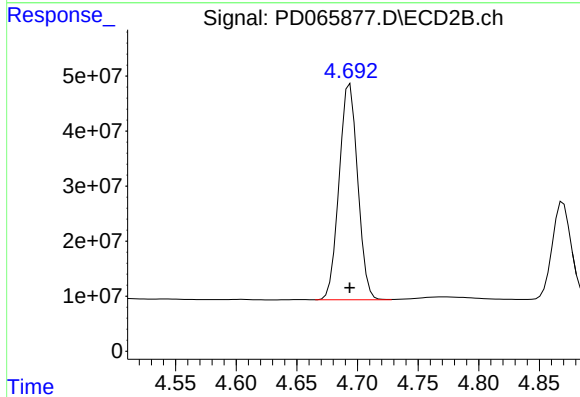
R.T.: 4.408 min  
Delta R.T.: 0.000 min  
Response: 449089272  
Conc: 53.41 ng/ml



#3 gamma-BHC (Lindane)

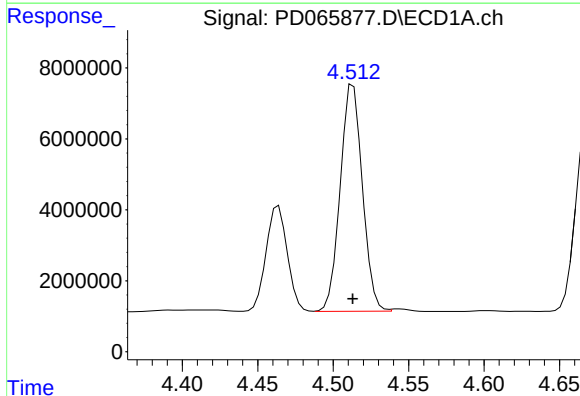
R.T.: 4.216 min  
Delta R.T.: 0.000 min  
Response: 61445638  
Conc: 54.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



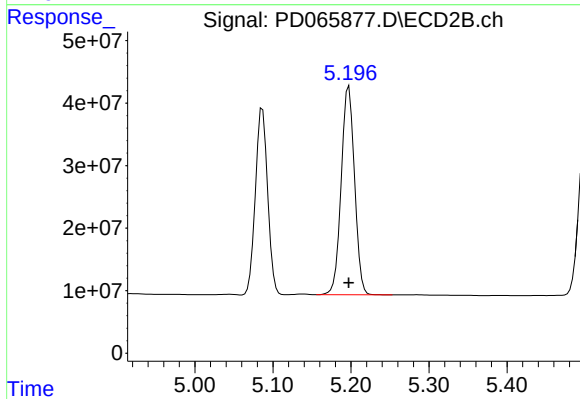
#3 gamma-BHC (Lindane)

R.T.: 4.694 min  
Delta R.T.: 0.000 min  
Response: 418642936  
Conc: 54.19 ng/ml



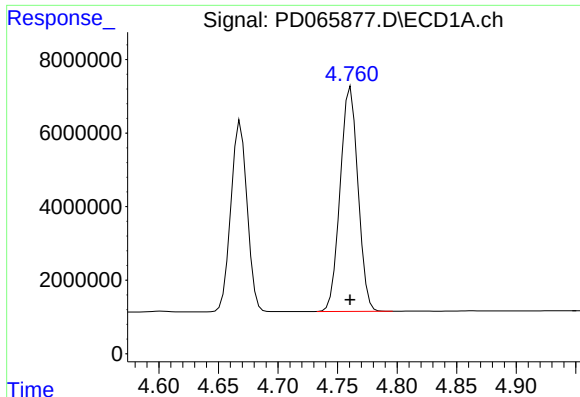
#4 Heptachlor

R.T.: 4.513 min  
Delta R.T.: 0.000 min  
Response: 65442231  
Conc: 54.86 ng/ml



#4 Heptachlor

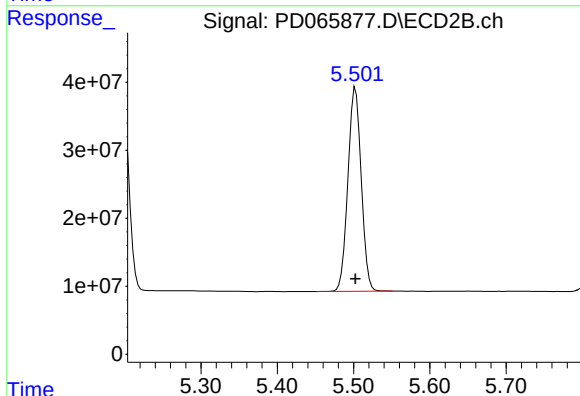
R.T.: 5.197 min  
Delta R.T.: 0.000 min  
Response: 395311853  
Conc: 54.48 ng/ml



#5 Aldrin

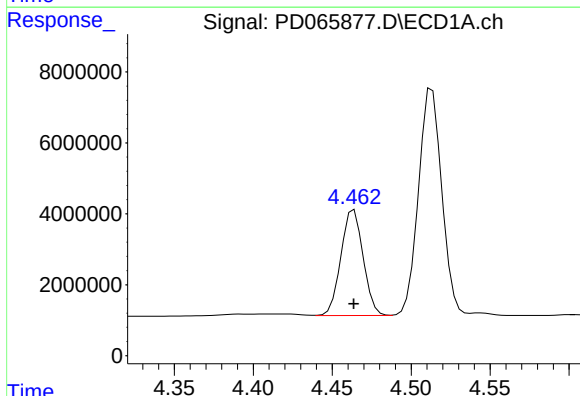
R.T.: 4.761 min  
Delta R.T.: 0.000 min  
Response: 63612132  
Conc: 56.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



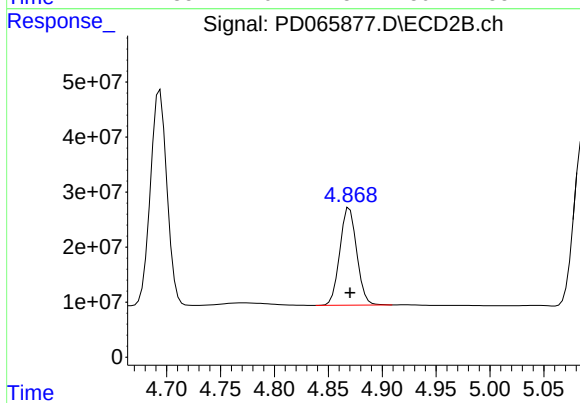
#5 Aldrin

R.T.: 5.503 min  
Delta R.T.: 0.000 min  
Response: 365616840  
Conc: 54.35 ng/ml



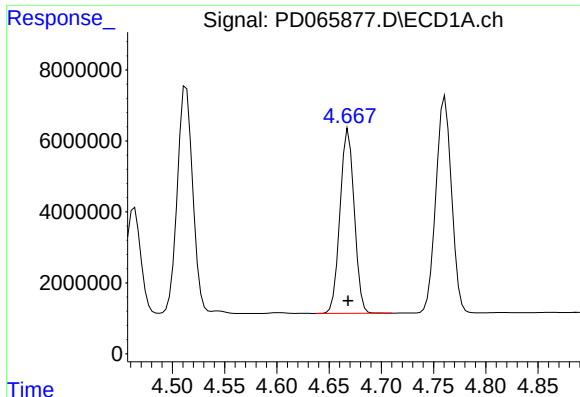
#6 beta-BHC

R.T.: 4.464 min  
Delta R.T.: 0.000 min  
Response: 29249528  
Conc: 51.24 ng/ml



#6 beta-BHC

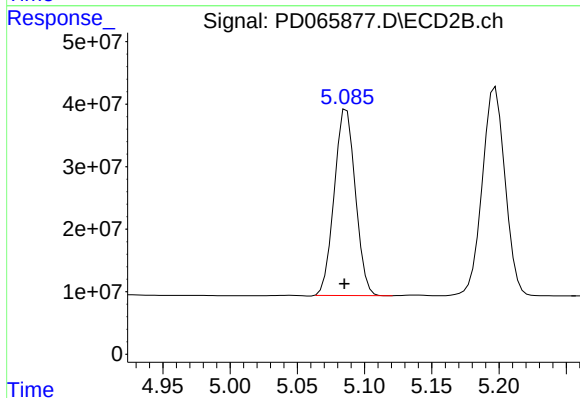
R.T.: 4.870 min  
Delta R.T.: 0.000 min  
Response: 193712780  
Conc: 52.41 ng/ml



#7 delta-BHC

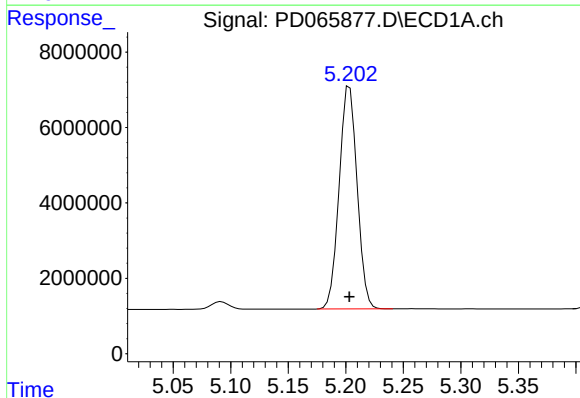
R.T.: 4.669 min  
Delta R.T.: 0.000 min  
Response: 49144318  
Conc: 43.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



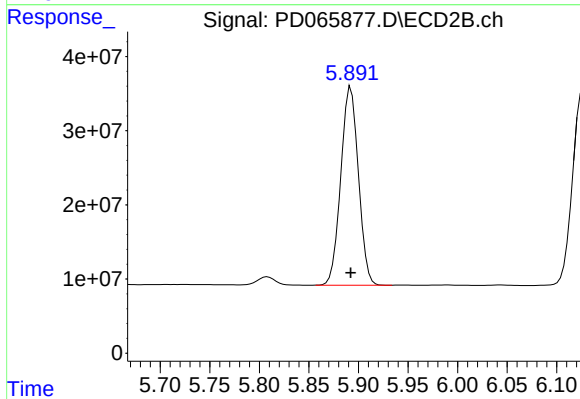
#7 delta-BHC

R.T.: 5.087 min  
Delta R.T.: 0.002 min  
Response: 323922957  
Conc: 45.01 ng/ml



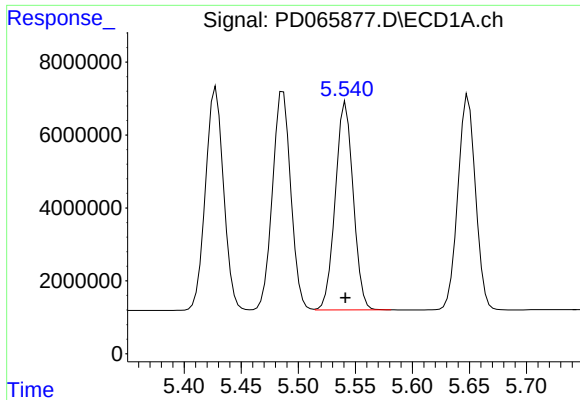
#8 Heptachlor epoxide

R.T.: 5.203 min  
Delta R.T.: 0.000 min  
Response: 64363495  
Conc: 57.48 ng/ml



#8 Heptachlor epoxide

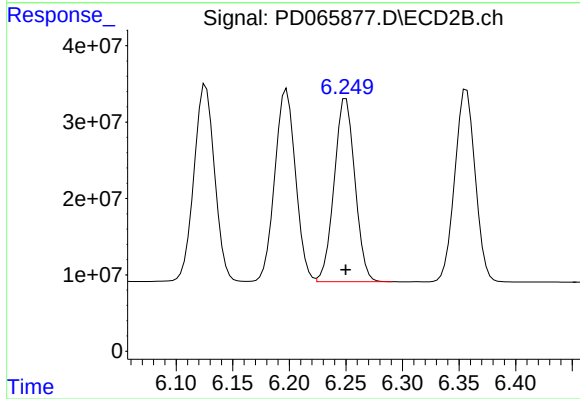
R.T.: 5.892 min  
Delta R.T.: 0.000 min  
Response: 330487227  
Conc: 63.95 ng/ml



#9 Endosulfan I

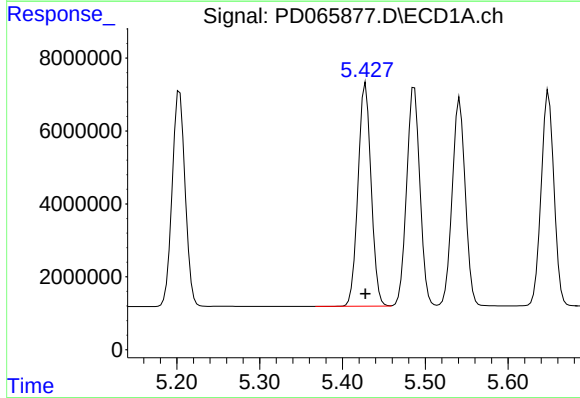
R.T.: 5.542 min  
Delta R.T.: 0.000 min  
Response: 62491178  
Conc: 57.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



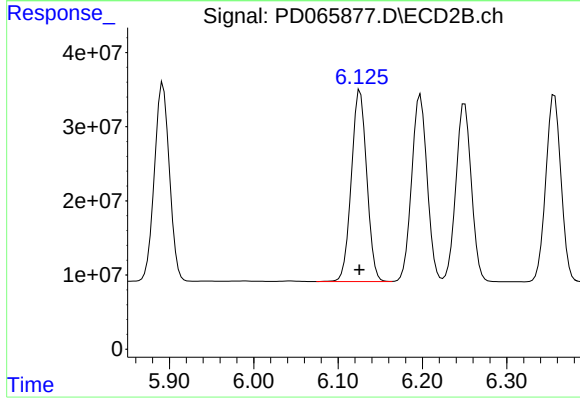
#9 Endosulfan I

R.T.: 6.250 min  
Delta R.T.: 0.000 min  
Response: 305639867  
Conc: 55.30 ng/ml



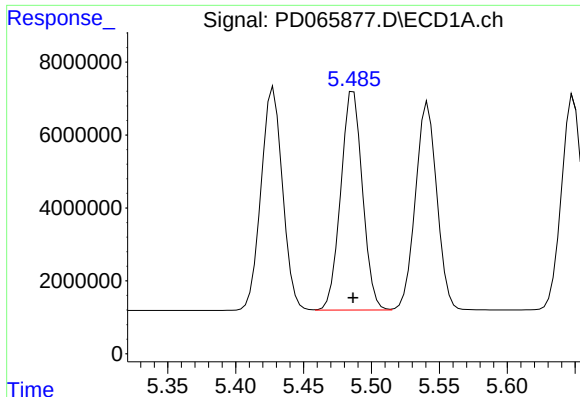
#10 gamma-Chlordane

R.T.: 5.428 min  
Delta R.T.: 0.000 min  
Response: 67231437  
Conc: 55.68 ng/ml



#10 gamma-Chlordane

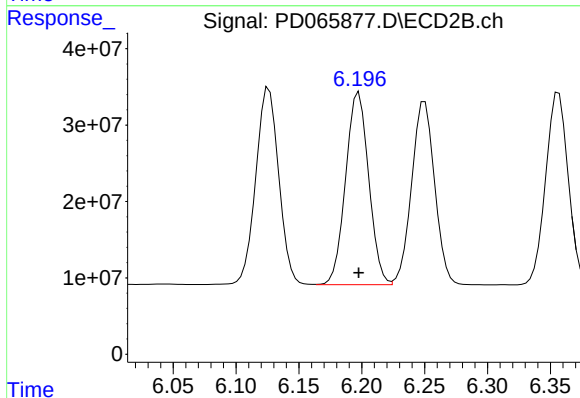
R.T.: 6.126 min  
Delta R.T.: 0.000 min  
Response: 327858880  
Conc: 54.66 ng/ml



#11 alpha-Chlordane

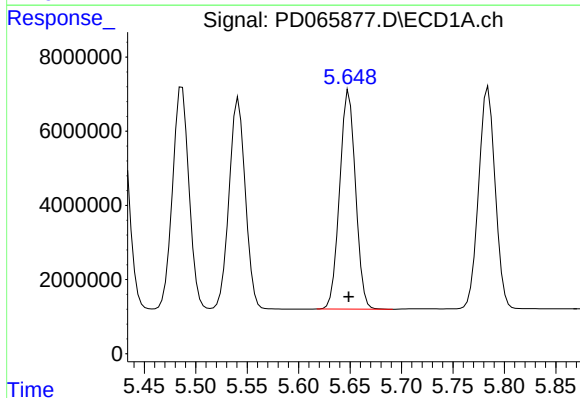
R.T.: 5.487 min  
Delta R.T.: 0.000 min  
Response: 66997140  
Conc: 56.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



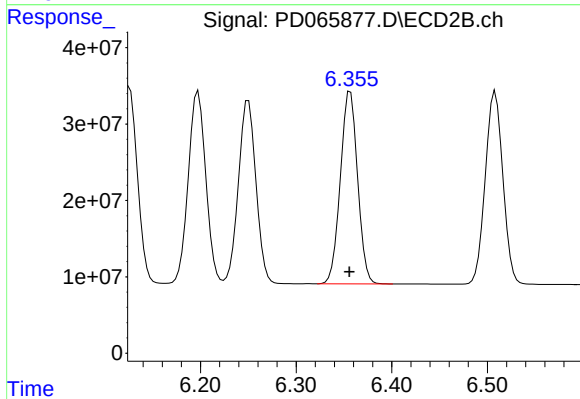
#11 alpha-Chlordane

R.T.: 6.198 min  
Delta R.T.: 0.000 min  
Response: 321523373  
Conc: 53.57 ng/ml



#12 4,4'-DDE

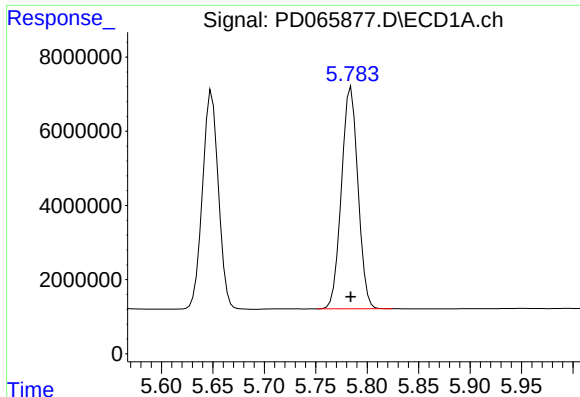
R.T.: 5.649 min  
Delta R.T.: 0.000 min  
Response: 63378972  
Conc: 58.23 ng/ml



#12 4,4'-DDE

R.T.: 6.357 min  
Delta R.T.: 0.000 min  
Response: 316195569  
Conc: 54.82 ng/ml

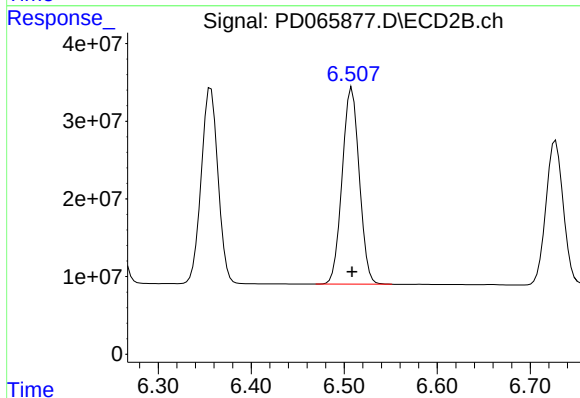




#13 Dieldrin

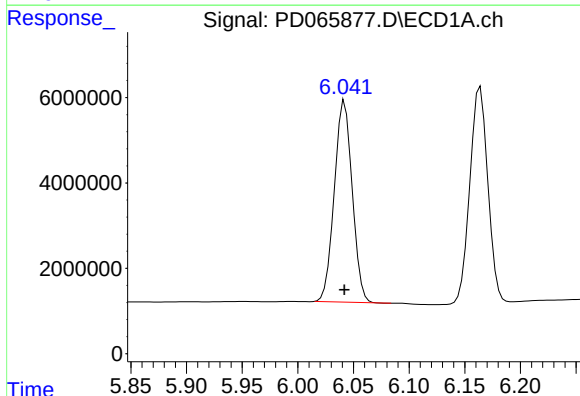
R.T.: 5.784 min  
Delta R.T.: 0.000 min  
Response: 66878333  
Conc: 57.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



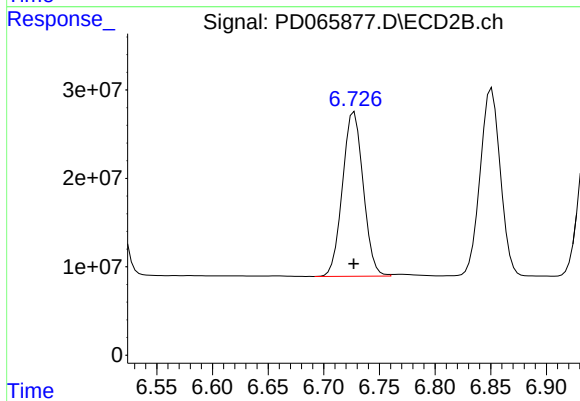
#13 Dieldrin

R.T.: 6.508 min  
Delta R.T.: 0.000 min  
Response: 323173447  
Conc: 54.84 ng/ml



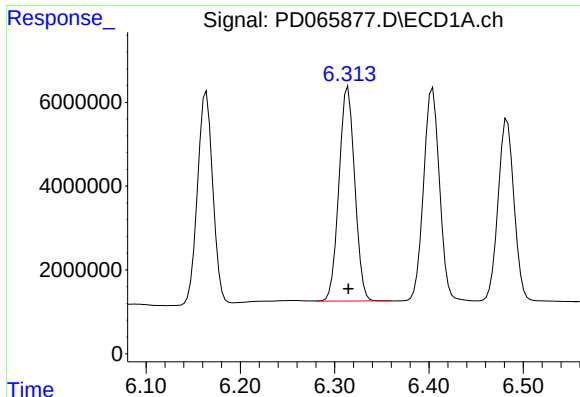
#14 Endrin

R.T.: 6.042 min  
Delta R.T.: 0.000 min  
Response: 52773997  
Conc: 49.87 ng/ml



#14 Endrin

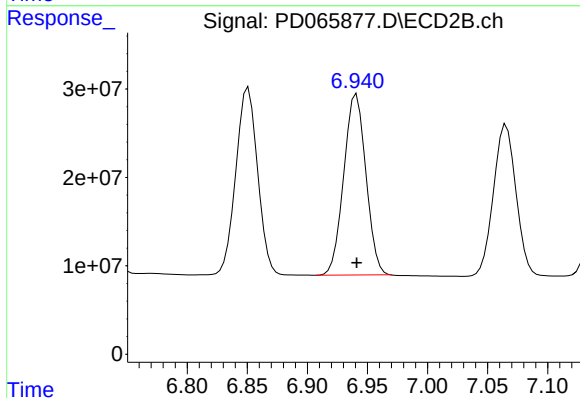
R.T.: 6.727 min  
Delta R.T.: 0.000 min  
Response: 240936732  
Conc: 48.87 ng/ml



#15 Endosulfan II

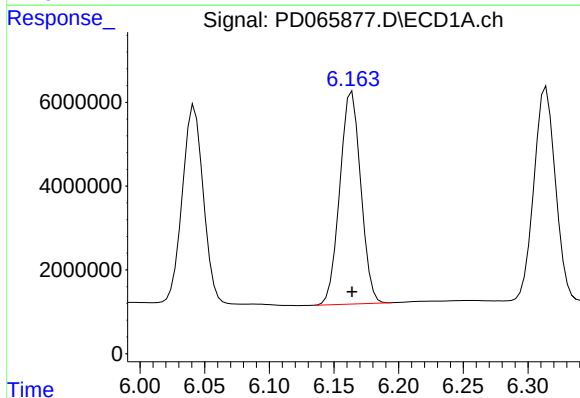
R.T.: 6.314 min  
Delta R.T.: 0.000 min  
Response: 59530338  
Conc: 55.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



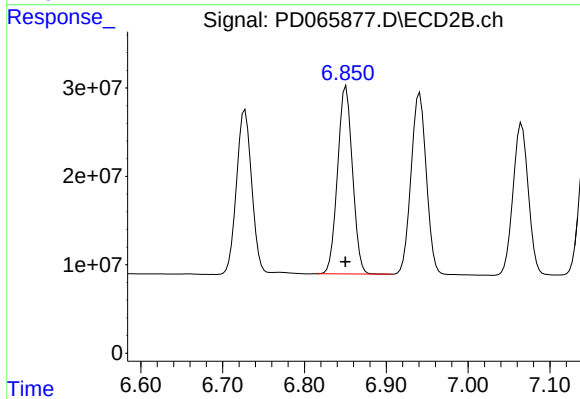
#15 Endosulfan II

R.T.: 6.941 min  
Delta R.T.: 0.000 min  
Response: 262959555  
Conc: 54.29 ng/ml



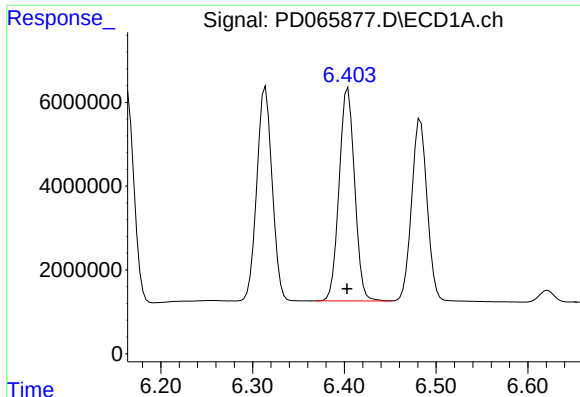
#16 4,4'-DDD

R.T.: 6.164 min  
Delta R.T.: 0.000 min  
Response: 57040618  
Conc: 58.15 ng/ml



#16 4,4'-DDD

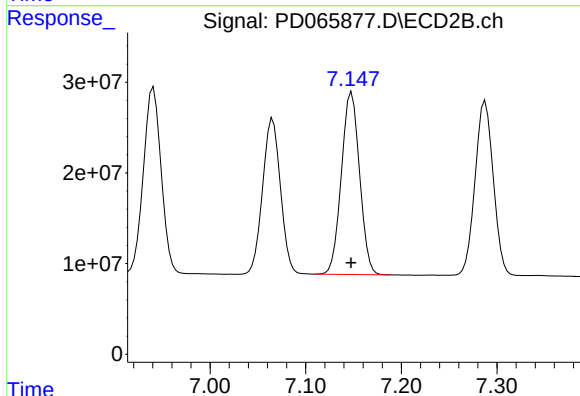
R.T.: 6.851 min  
Delta R.T.: 0.000 min  
Response: 267673892  
Conc: 54.47 ng/ml



#17 4,4'-DDT

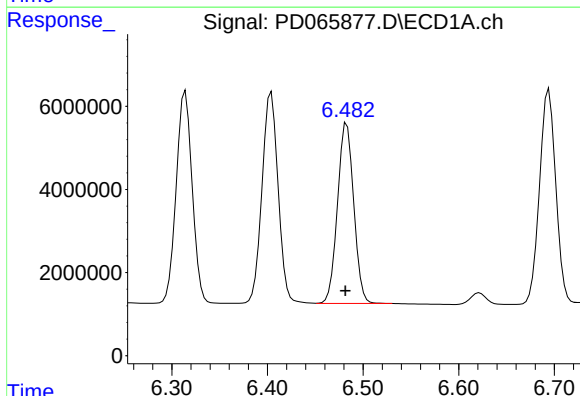
R.T.: 6.404 min  
Delta R.T.: 0.001 min  
Response: 59685247  
Conc: 54.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



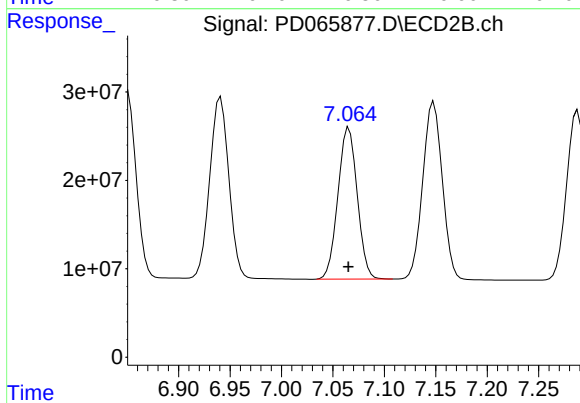
#17 4,4'-DDT

R.T.: 7.148 min  
Delta R.T.: 0.000 min  
Response: 266427621  
Conc: 52.74 ng/ml



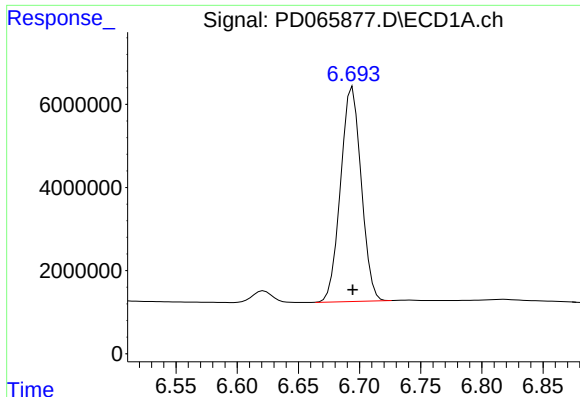
#18 Endrin aldehyde

R.T.: 6.483 min  
Delta R.T.: 0.001 min  
Response: 51173463  
Conc: 57.74 ng/ml



#18 Endrin aldehyde

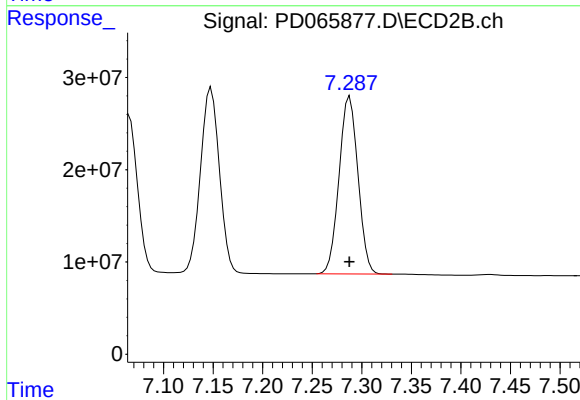
R.T.: 7.066 min  
Delta R.T.: 0.000 min  
Response: 224191938  
Conc: 57.27 ng/ml



#19 Endosulfan Sulfate

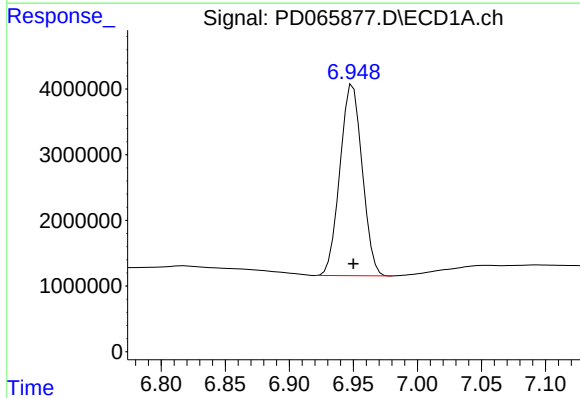
R.T.: 6.694 min  
Delta R.T.: 0.000 min  
Response: 60607988  
Conc: 53.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



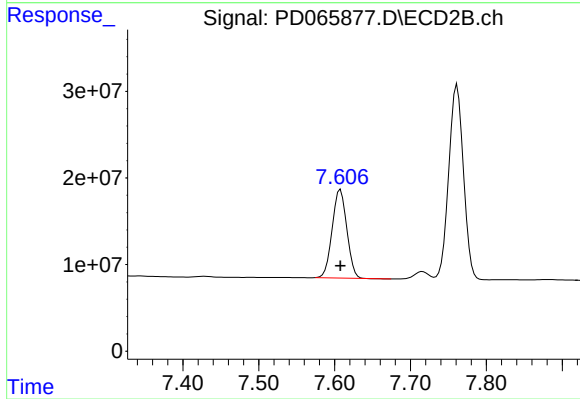
#19 Endosulfan Sulfate

R.T.: 7.288 min  
Delta R.T.: 0.000 min  
Response: 255320044  
Conc: 51.76 ng/ml



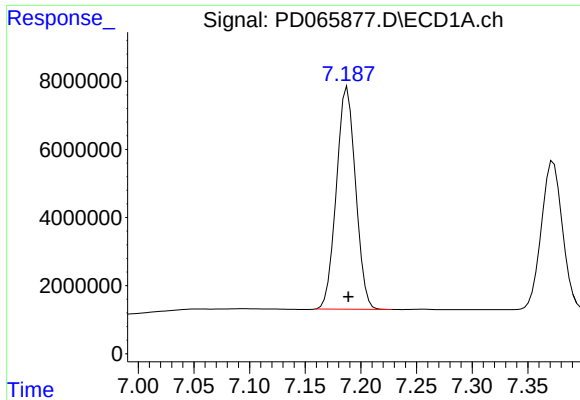
#20 Methoxychlor

R.T.: 6.950 min  
Delta R.T.: 0.000 min  
Response: 35194580  
Conc: 51.50 ng/ml



#20 Methoxychlor

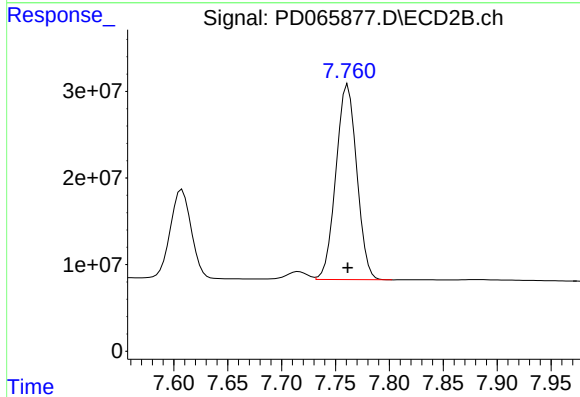
R.T.: 7.608 min  
Delta R.T.: 0.000 min  
Response: 137281026  
Conc: 52.17 ng/ml



#21 Endrin ketone

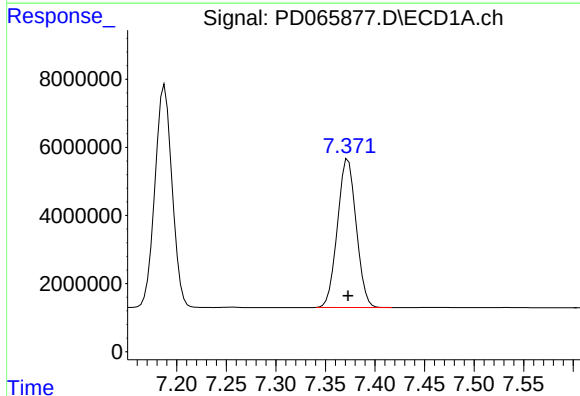
R.T.: 7.188 min  
Delta R.T.: 0.000 min  
Response: 78240430  
Conc: 55.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



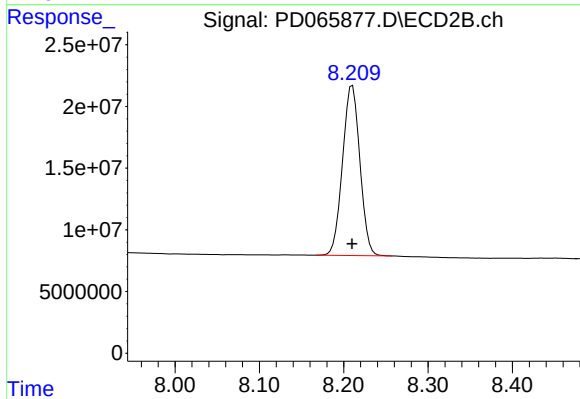
#21 Endrin ketone

R.T.: 7.761 min  
Delta R.T.: 0.000 min  
Response: 303109605  
Conc: 53.15 ng/ml



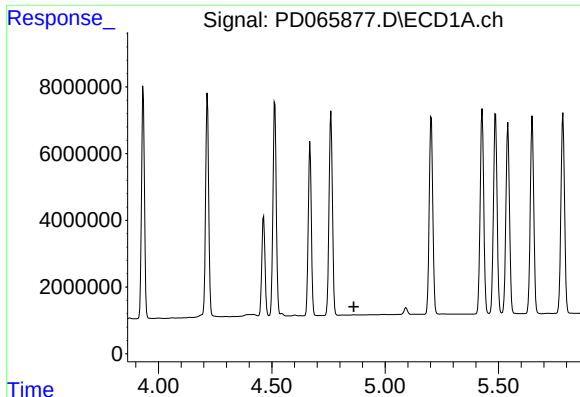
#22 Mirex

R.T.: 7.373 min  
Delta R.T.: 0.000 min  
Response: 57447428  
Conc: 47.58 ng/ml



#22 Mirex

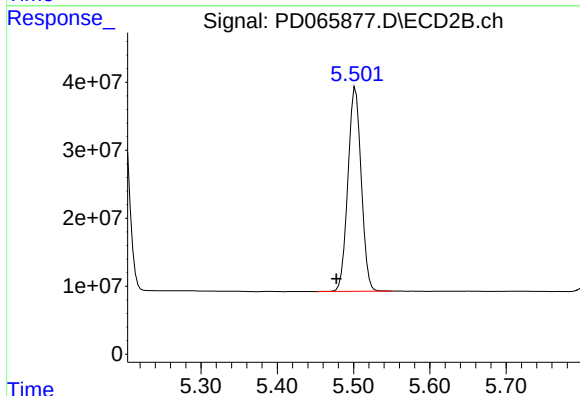
R.T.: 8.210 min  
Delta R.T.: 0.000 min  
Response: 197238767  
Conc: 49.95 ng/ml



#24 Chlordane-2

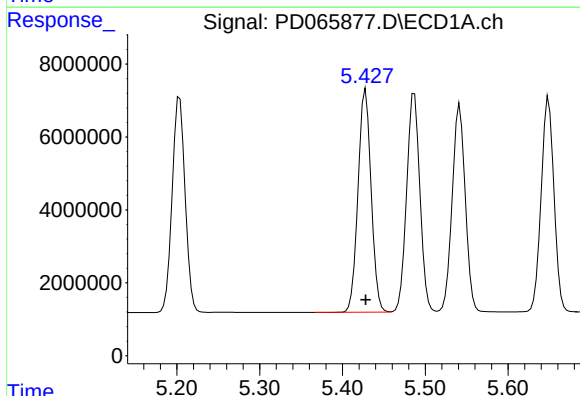
R.T.: 0.000 min  
Exp R.T.: 4.862 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



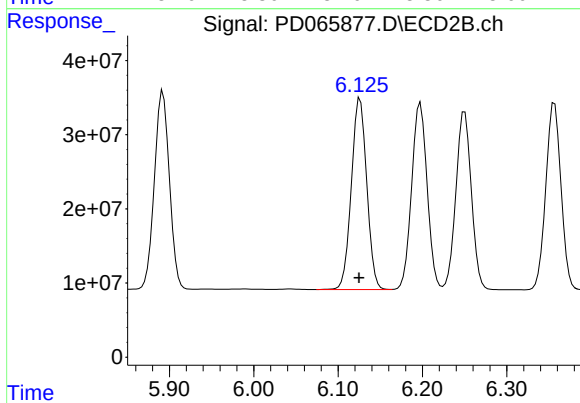
#24 Chlordane-2

R.T.: 5.503 min  
Delta R.T.: 0.025 min  
Response: 365616840  
Conc: 1580.62 ng/ml



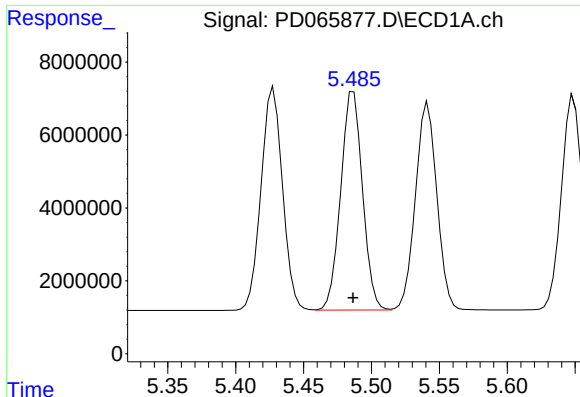
#25 Chlordane-3

R.T.: 5.428 min  
Delta R.T.: 0.000 min  
Response: 67231437  
Conc: 570.66 ng/ml



#25 Chlordane-3

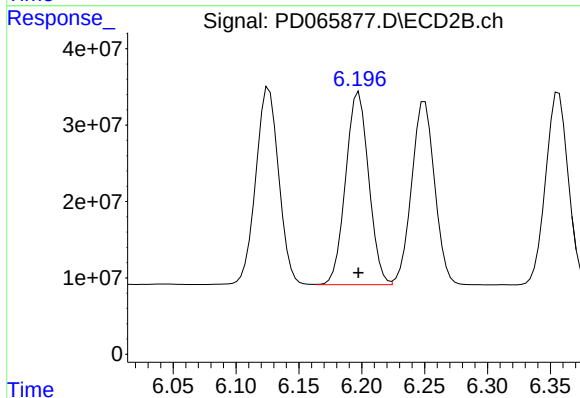
R.T.: 6.126 min  
Delta R.T.: 0.001 min  
Response: 327858880  
Conc: 399.80 ng/ml



#26 Chlordane-4

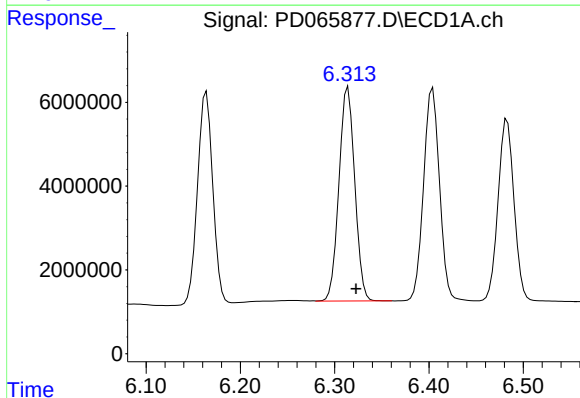
R.T.: 5.487 min  
Delta R.T.: 0.000 min  
Response: 66997140  
Conc: 678.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



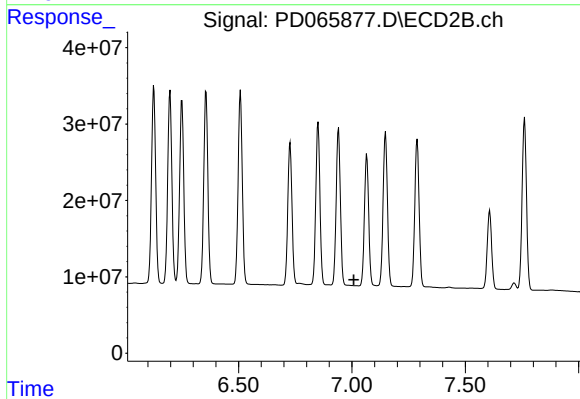
#26 Chlordane-4

R.T.: 6.198 min  
Delta R.T.: 0.000 min  
Response: 321523373  
Conc: 335.21 ng/ml



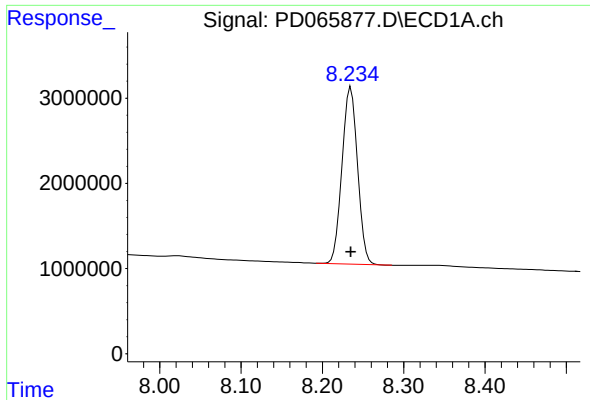
#27 Chlordane-5

R.T.: 6.314 min  
Delta R.T.: -0.008 min  
Response: 59530338  
Conc: 1224.90 ng/ml



#27 Chlordane-5

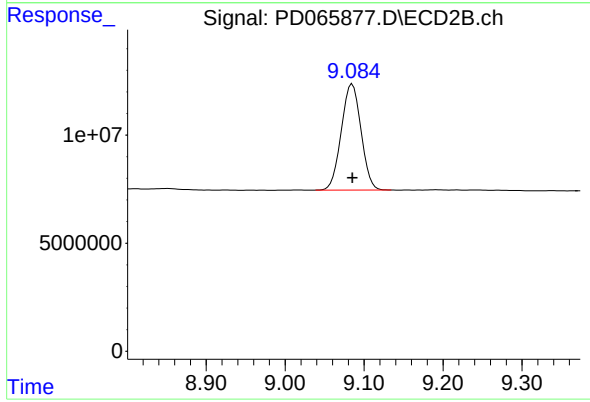
R.T.: 0.000 min  
Exp R.T.: 7.008 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.235 min  
Delta R.T.: 0.000 min  
Response: 27505983  
Conc: 20.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.085 min  
Delta R.T.: 0.000 min  
Response: 85401695  
Conc: 22.07 ng/ml