

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD082121\  
 Data File : PD065142.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Aug 2021 23:59  
 Operator : AR\AJ  
 Sample : M3434-07MSD  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 SWCS-11-1015MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 21 03:51:50 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD082021.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 20 02:25:41 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... | 3.495 | 4.013 | 20016565 | 176.3E6  | 19.473 | 22.255 |
| 28)                         | SA Decachlor... | 8.239 | 9.083 | 22420431 | 87116830 | 19.788 | 18.408 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.935 | 4.407 | 63332762 | 491.8E6  | 44.252 | 42.338 |
| 3)                          | MA gamma-BHC... | 4.218 | 4.694 | 60379352 | 465.7E6  | 44.010 | 43.959 |
| 4)                          | MA Heptachlor   | 4.517 | 5.198 | 58963017 | 464.4E6  | 45.270 | 46.318 |
| 5)                          | MB Aldrin       | 4.765 | 5.503 | 55023627 | 405.6E6  | 45.883 | 44.898 |
| 6)                          | B beta-BHC      | 4.466 | 4.869 | 29615843 | 215.7E6  | 45.037 | 47.759 |
| 7)                          | B delta-BHC     | 4.671 | 5.086 | 31656414 | 246.5E6  | 23.944 | 25.384 |
| 8)                          | B Heptachlo...  | 5.207 | 5.892 | 53102722 | 350.4E6  | 46.730 | 46.972 |
| 9)                          | A Endosulfan I  | 5.545 | 6.250 | 50367571 | 326.9E6  | 47.218 | 46.421 |
| 10)                         | B gamma-Chl...  | 5.431 | 6.125 | 53568891 | 352.3E6  | 47.378 | 46.073 |
| 11)                         | B alpha-Chl...  | 5.490 | 6.198 | 52494759 | 341.6E6  | 46.885 | 45.880 |
| 12)                         | B 4,4'-DDE      | 5.653 | 6.356 | 51176626 | 339.5E6  | 48.558 | 47.279 |
| 13)                         | MA Dieldrin     | 5.788 | 6.508 | 54864368 | 345.9E6  | 48.887 | 47.667 |
| 14)                         | MA Endrin       | 6.046 | 6.727 | 49486606 | 289.3E6  | 47.157 | 46.996 |
| 15)                         | B Endosulfa...  | 6.318 | 6.940 | 49380292 | 288.3E6  | 49.387 | 49.164 |
| 16)                         | A 4,4'-DDD      | 6.168 | 6.850 | 44708661 | 282.2E6  | 47.271 | 47.982 |
| 17)                         | MA 4,4'-DDT     | 6.408 | 7.147 | 46596743 | 277.9E6  | 46.855 | 46.333 |
| 18)                         | B Endrin al...  | 6.486 | 7.064 | 43513661 | 252.7E6  | 52.585 | 54.171 |
| 19)                         | B Endosulfa...  | 6.698 | 7.287 | 47655161 | 260.5E6  | 44.877 | 45.423 |
| 20)                         | A Methoxychlor  | 6.954 | 7.606 | 28327082 | 149.3E6  | 48.059 | 49.333 |
| 21)                         | B Endrin ke...  | 7.192 | 7.760 | 63405551 | 325.6E6  | 49.735 | 50.109 |
| 22)                         | Mirex           | 7.377 | 8.209 | 48352147 | 219.9E6  | 47.417 | 49.392 |
| -----                       |                 |       |       |          |          |        |        |

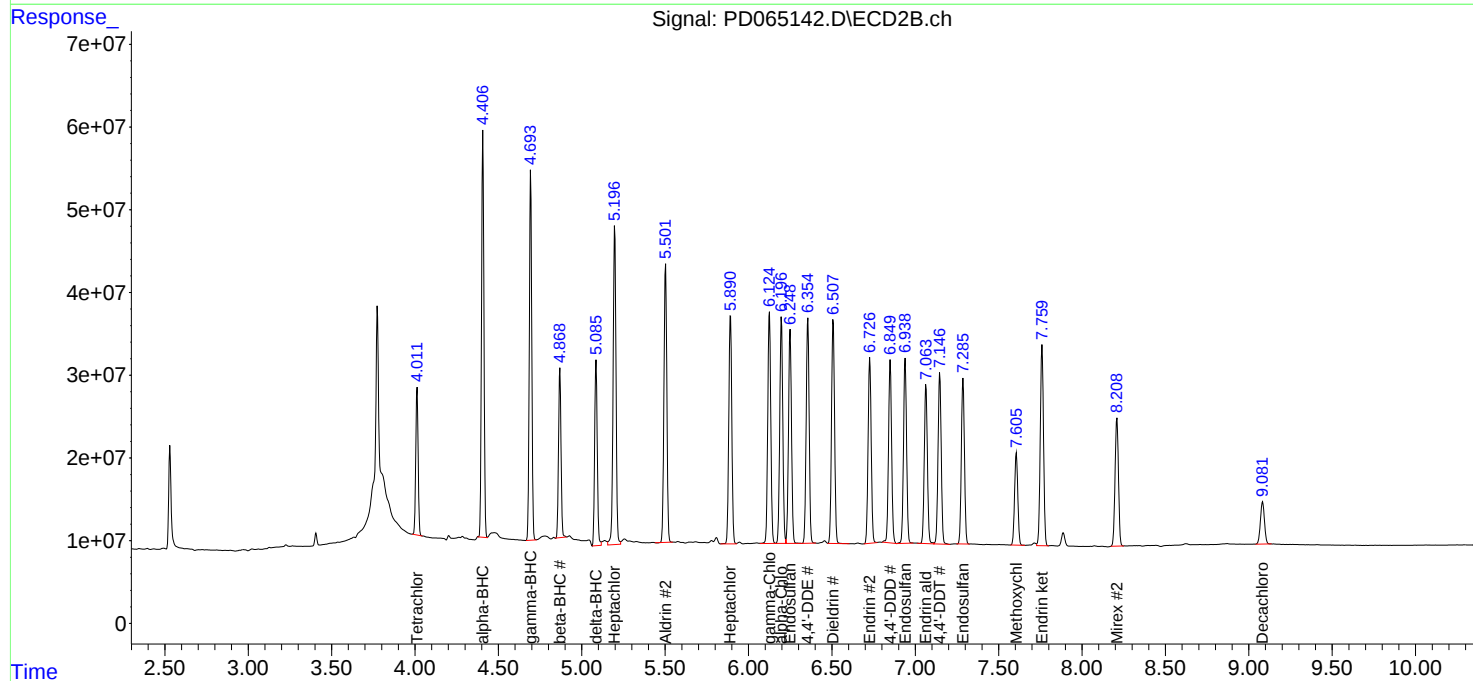
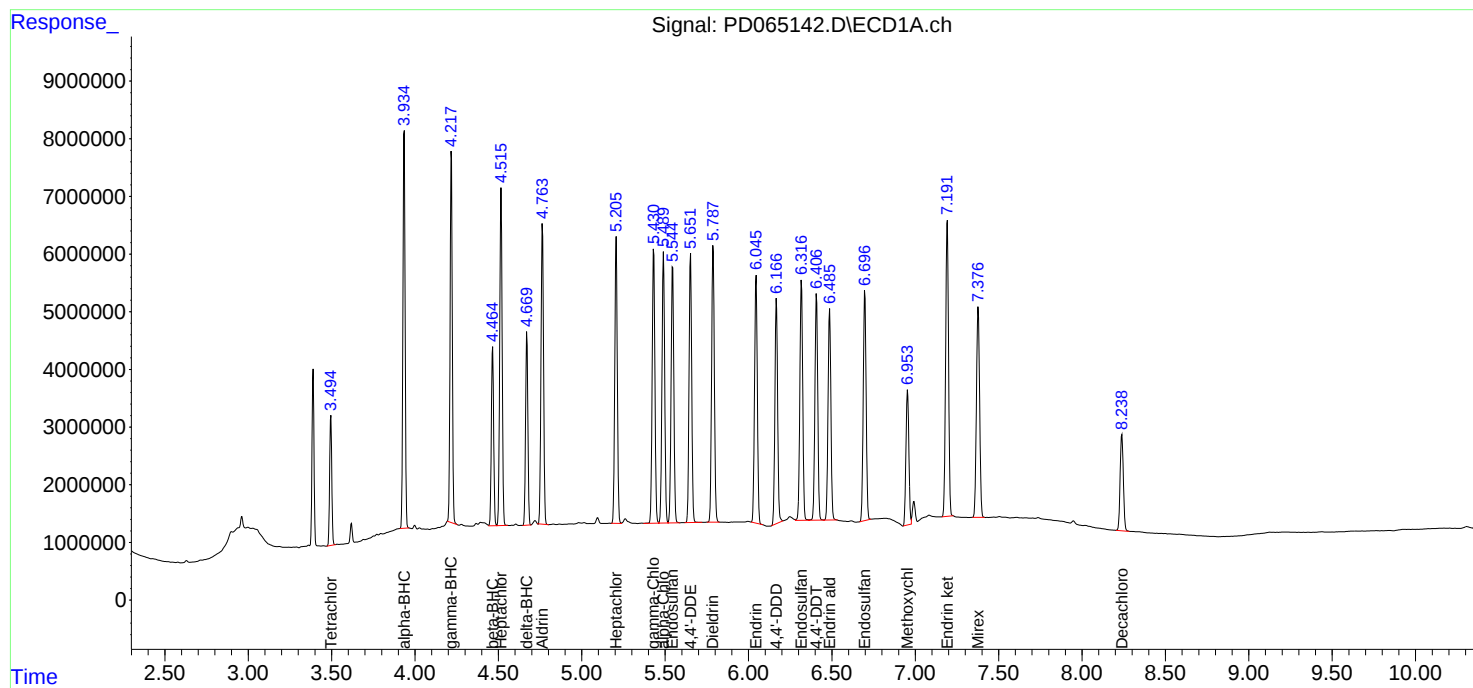
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

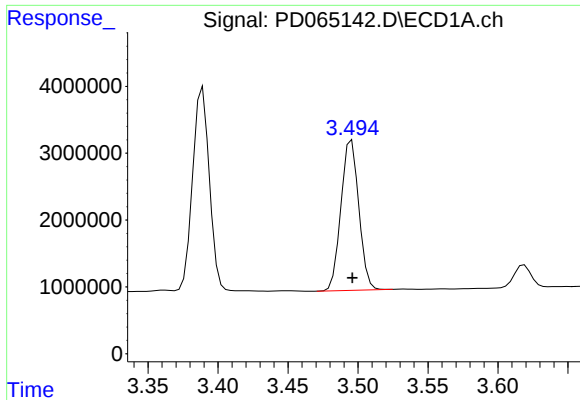
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD082121\  
Data File : PD065142.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Aug 2021 23:59  
Operator : AR\AJ  
Sample : M3434-07MSD  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
SWCS-11-1015MSD

Integration File signal 1: autoint1.e  
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Quant Time: Aug 21 03:51:50 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD082021.M  
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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

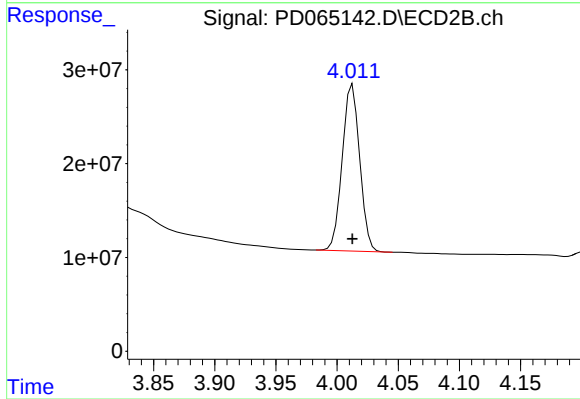




#1 Tetrachloro-m-xylene

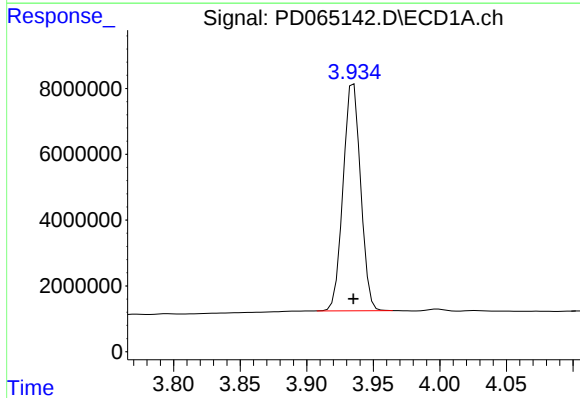
R.T.: 3.495 min  
Delta R.T.: 0.000 min  
Response: 20016565  
Conc: 19.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SWCS-11-1015MSD



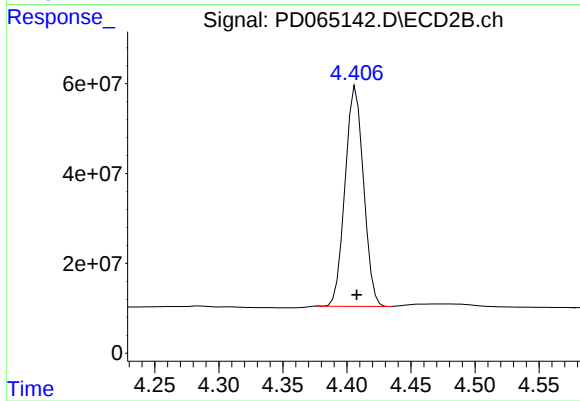
#1 Tetrachloro-m-xylene

R.T.: 4.013 min  
Delta R.T.: 0.000 min  
Response: 176276583  
Conc: 22.26 ng/ml



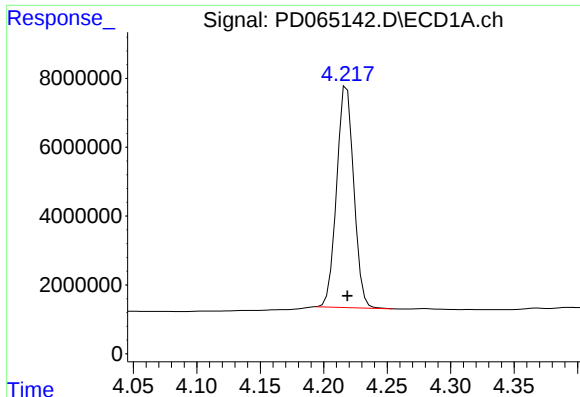
#2 alpha-BHC

R.T.: 3.935 min  
Delta R.T.: 0.000 min  
Response: 63332762  
Conc: 44.25 ng/ml



#2 alpha-BHC

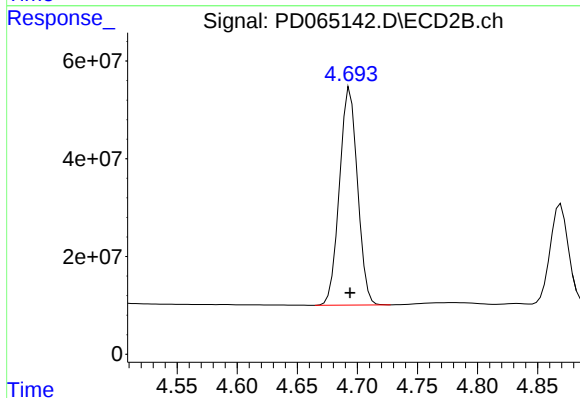
R.T.: 4.407 min  
Delta R.T.: 0.000 min  
Response: 491844325  
Conc: 42.34 ng/ml



#3 gamma-BHC (Lindane)

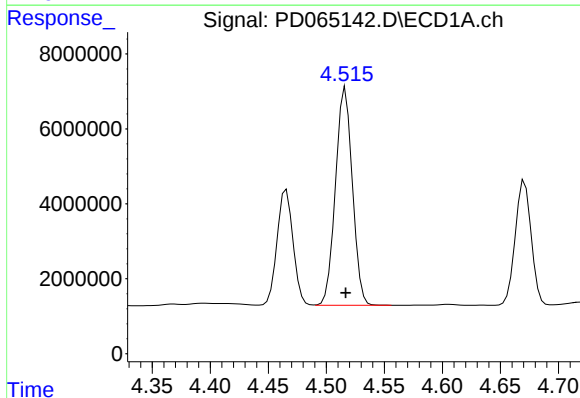
R.T.: 4.218 min  
Delta R.T.: 0.000 min  
Response: 60379352  
Conc: 44.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SWCS-11-1015MSD



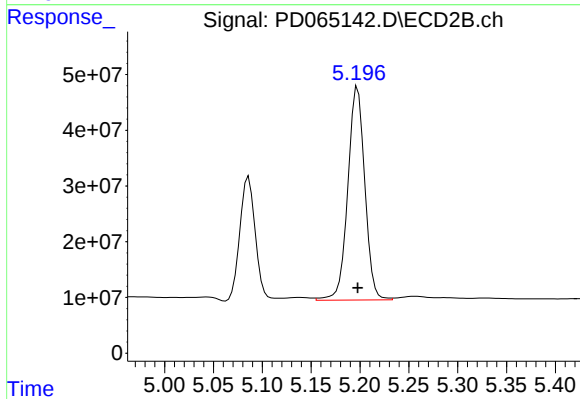
#3 gamma-BHC (Lindane)

R.T.: 4.694 min  
Delta R.T.: 0.000 min  
Response: 465676358  
Conc: 43.96 ng/ml



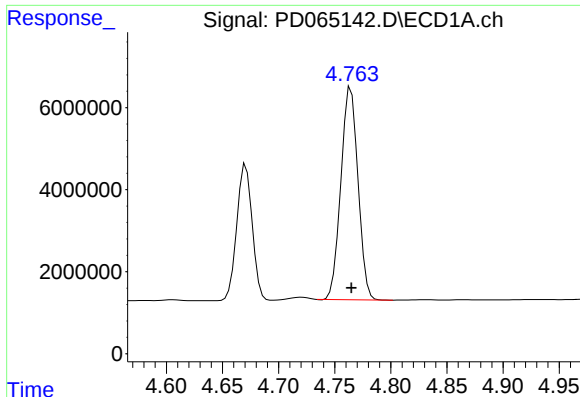
#4 Heptachlor

R.T.: 4.517 min  
Delta R.T.: 0.000 min  
Response: 58963017  
Conc: 45.27 ng/ml



#4 Heptachlor

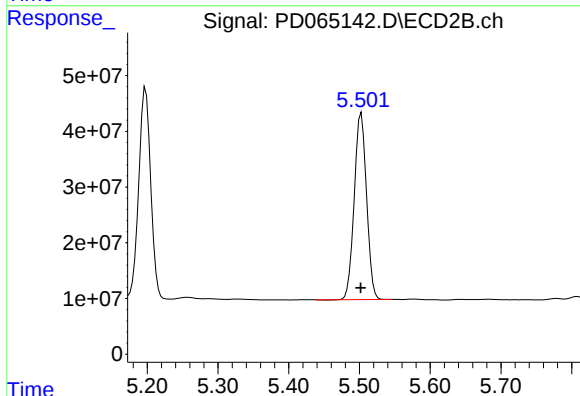
R.T.: 5.198 min  
Delta R.T.: 0.000 min  
Response: 464387210  
Conc: 46.32 ng/ml



#5 Aldrin

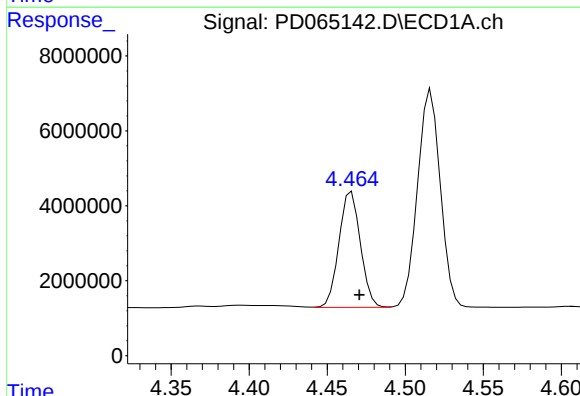
R.T.: 4.765 min  
Delta R.T.: 0.000 min  
Response: 55023627  
Conc: 45.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SWCS-11-1015MSD



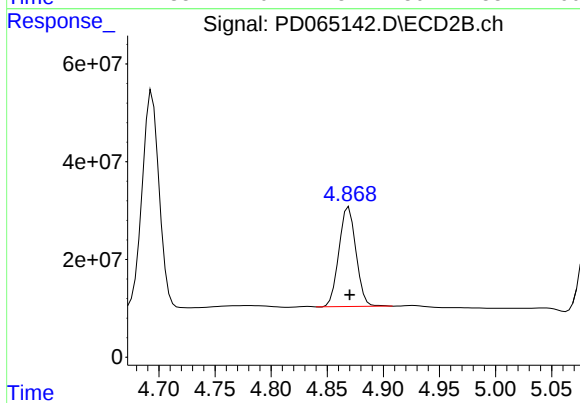
#5 Aldrin

R.T.: 5.503 min  
Delta R.T.: 0.000 min  
Response: 405564389  
Conc: 44.90 ng/ml



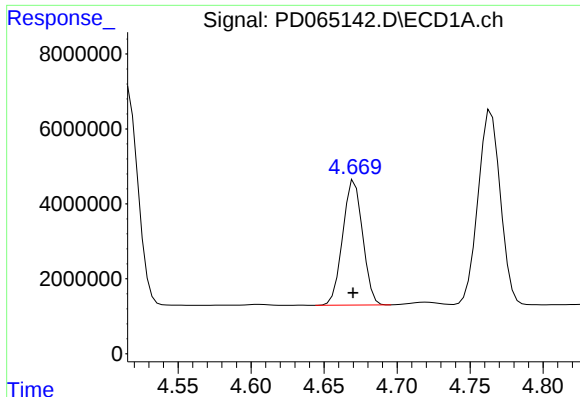
#6 beta-BHC

R.T.: 4.466 min  
Delta R.T.: -0.005 min  
Response: 29615843  
Conc: 45.04 ng/ml



#6 beta-BHC

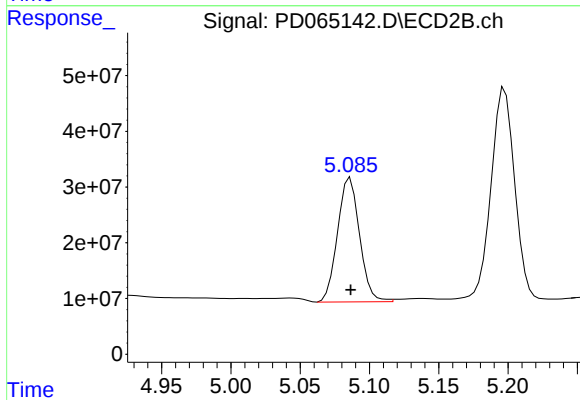
R.T.: 4.869 min  
Delta R.T.: 0.000 min  
Response: 215651022  
Conc: 47.76 ng/ml



#7 delta-BHC

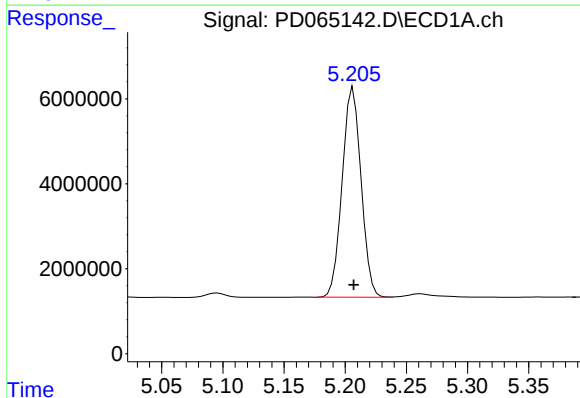
R.T.: 4.671 min  
Delta R.T.: 0.001 min  
Response: 31656414  
Conc: 23.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SWCS-11-1015MSD



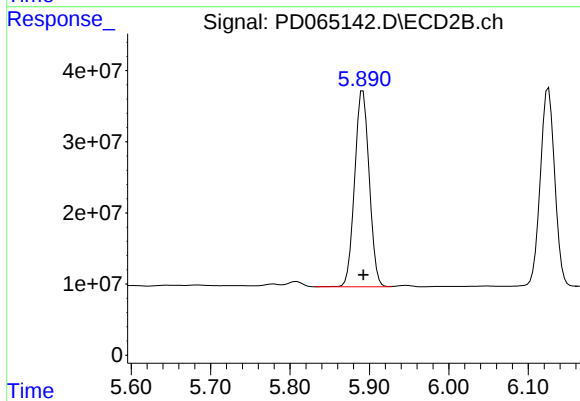
#7 delta-BHC

R.T.: 5.086 min  
Delta R.T.: 0.000 min  
Response: 246519783  
Conc: 25.38 ng/ml



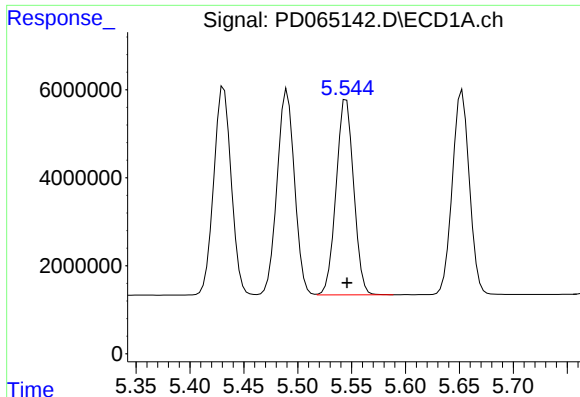
#8 Heptachlor epoxide

R.T.: 5.207 min  
Delta R.T.: 0.000 min  
Response: 53102722  
Conc: 46.73 ng/ml



#8 Heptachlor epoxide

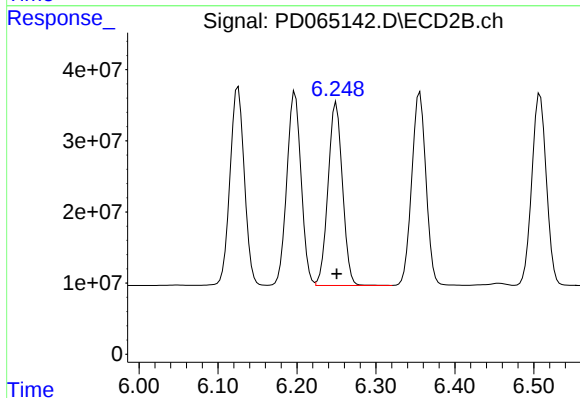
R.T.: 5.892 min  
Delta R.T.: 0.000 min  
Response: 350428507  
Conc: 46.97 ng/ml



#9 Endosulfan I

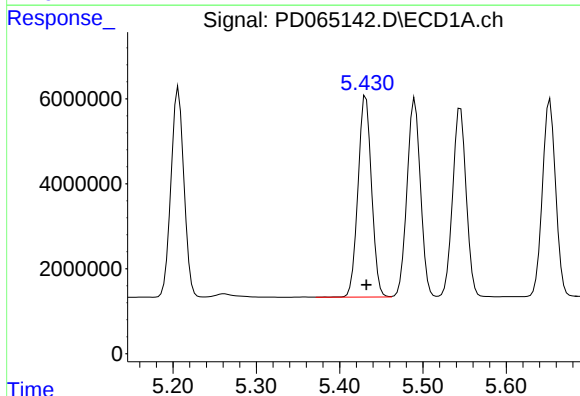
R.T.: 5.545 min  
Delta R.T.: 0.000 min  
Response: 50367571  
Conc: 47.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SWCS-11-1015MSD



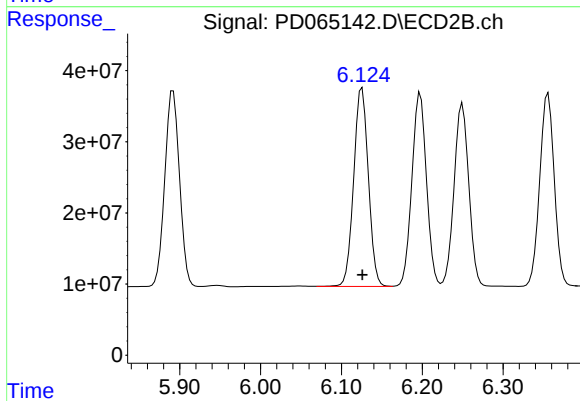
#9 Endosulfan I

R.T.: 6.250 min  
Delta R.T.: 0.000 min  
Response: 326923464  
Conc: 46.42 ng/ml



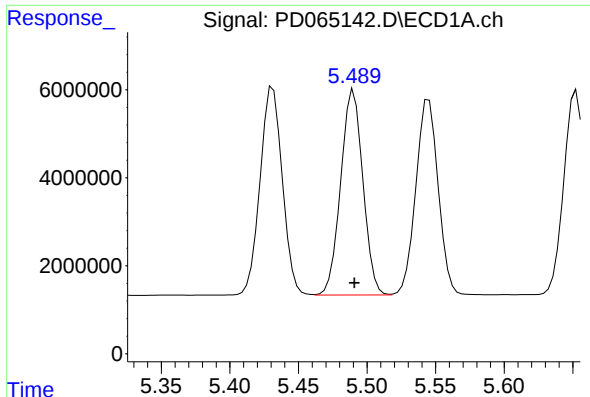
#10 gamma-Chlordane

R.T.: 5.431 min  
Delta R.T.: 0.000 min  
Response: 53568891  
Conc: 47.38 ng/ml



#10 gamma-Chlordane

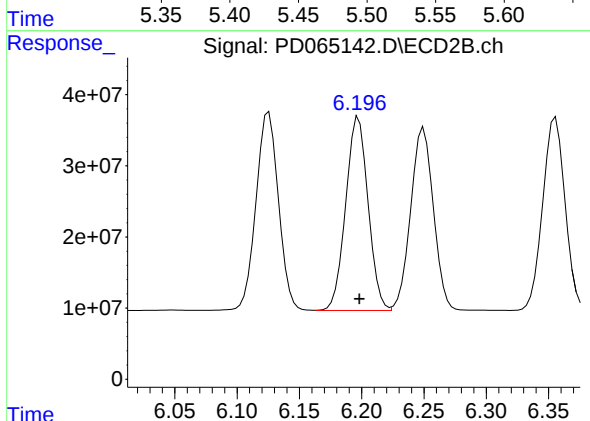
R.T.: 6.125 min  
Delta R.T.: 0.000 min  
Response: 352275160  
Conc: 46.07 ng/ml



#11 alpha-Chlordane

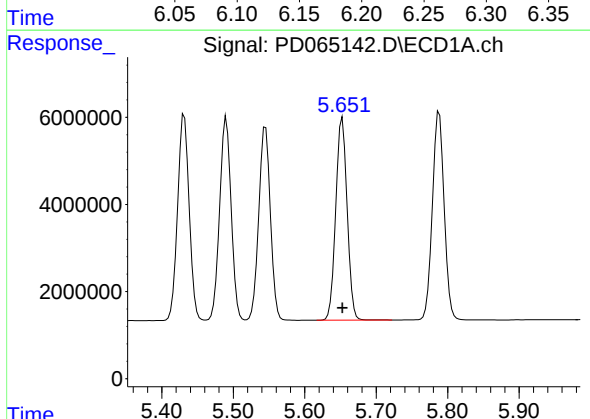
R.T.: 5.490 min  
Delta R.T.: 0.000 min  
Response: 52494759  
Conc: 46.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SWCS-11-1015MSD



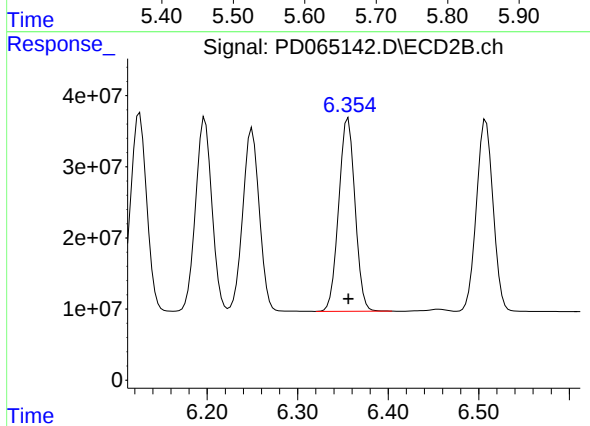
#11 alpha-Chlordane

R.T.: 6.198 min  
Delta R.T.: 0.000 min  
Response: 341555931  
Conc: 45.88 ng/ml



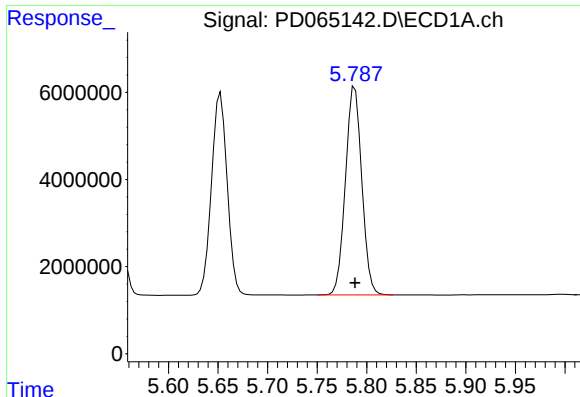
#12 4,4'-DDE

R.T.: 5.653 min  
Delta R.T.: 0.000 min  
Response: 51176626  
Conc: 48.56 ng/ml



#12 4,4'-DDE

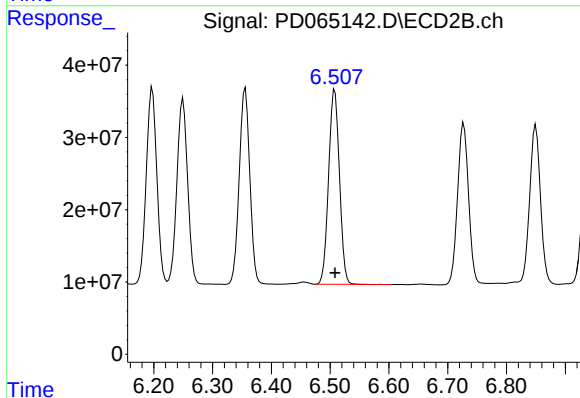
R.T.: 6.356 min  
Delta R.T.: 0.000 min  
Response: 339499217  
Conc: 47.28 ng/ml



#13 Dieldrin

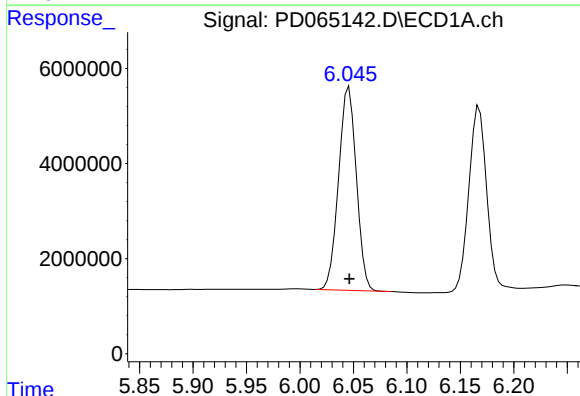
R.T.: 5.788 min  
Delta R.T.: 0.000 min  
Response: 54864368  
Conc: 48.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SWCS-11-1015MSD



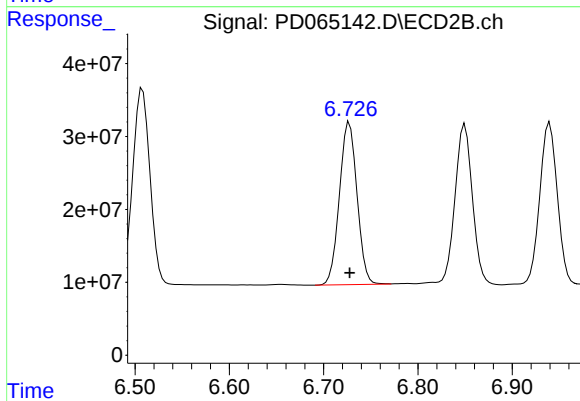
#13 Dieldrin

R.T.: 6.508 min  
Delta R.T.: 0.000 min  
Response: 345881510  
Conc: 47.67 ng/ml



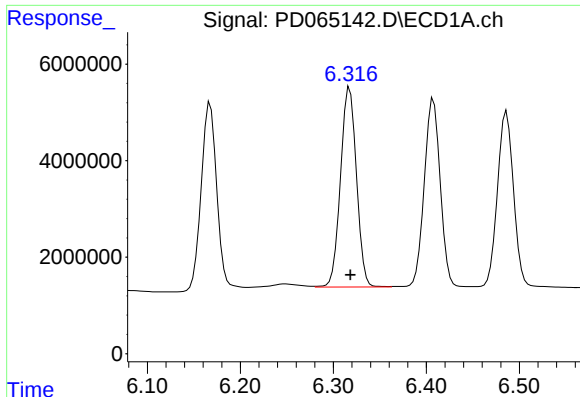
#14 Endrin

R.T.: 6.046 min  
Delta R.T.: 0.000 min  
Response: 49486606  
Conc: 47.16 ng/ml



#14 Endrin

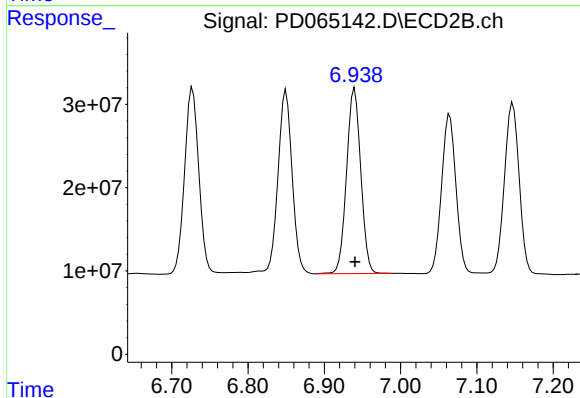
R.T.: 6.727 min  
Delta R.T.: 0.000 min  
Response: 289252104  
Conc: 47.00 ng/ml



#15 Endosulfan II

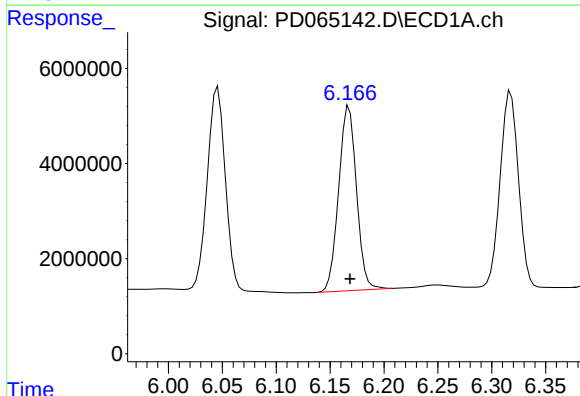
R.T.: 6.318 min  
Delta R.T.: 0.000 min  
Response: 49380292  
Conc: 49.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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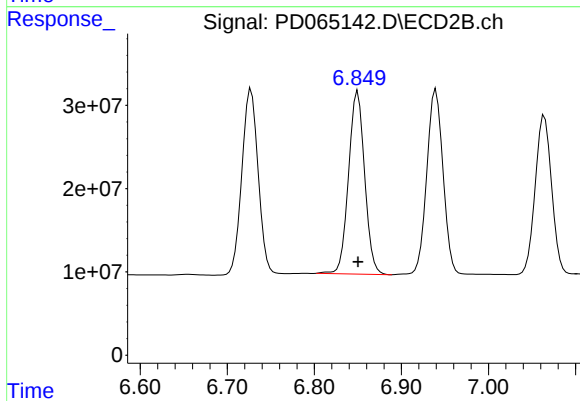
#15 Endosulfan II

R.T.: 6.940 min  
Delta R.T.: 0.000 min  
Response: 288294554  
Conc: 49.16 ng/ml



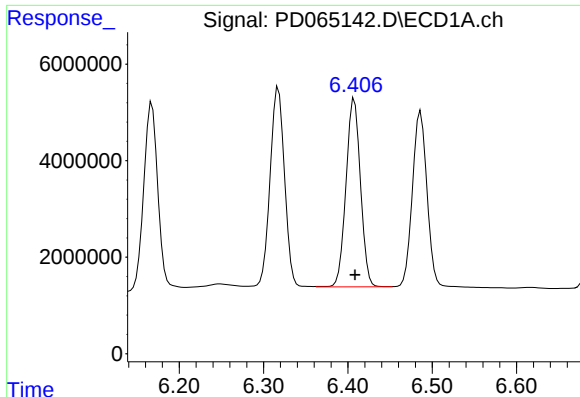
#16 4,4'-DDD

R.T.: 6.168 min  
Delta R.T.: -0.001 min  
Response: 44708661  
Conc: 47.27 ng/ml



#16 4,4'-DDD

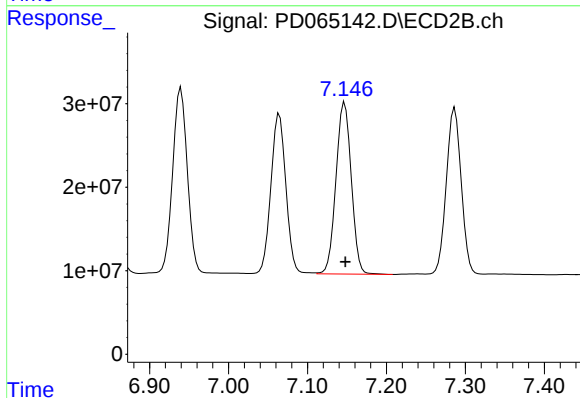
R.T.: 6.850 min  
Delta R.T.: 0.000 min  
Response: 282154562  
Conc: 47.98 ng/ml



#17 4,4'-DDT

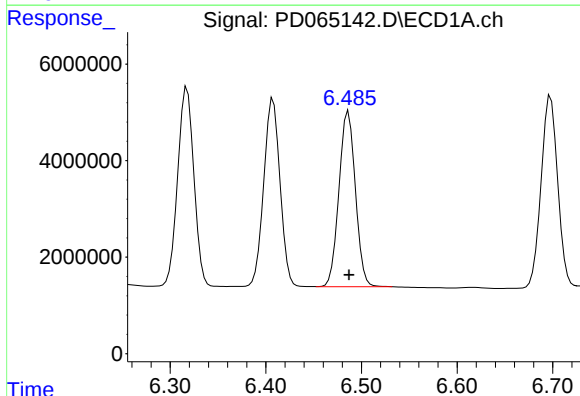
R.T.: 6.408 min  
Delta R.T.: -0.001 min  
Response: 46596743  
Conc: 46.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SWCS-11-1015MSD



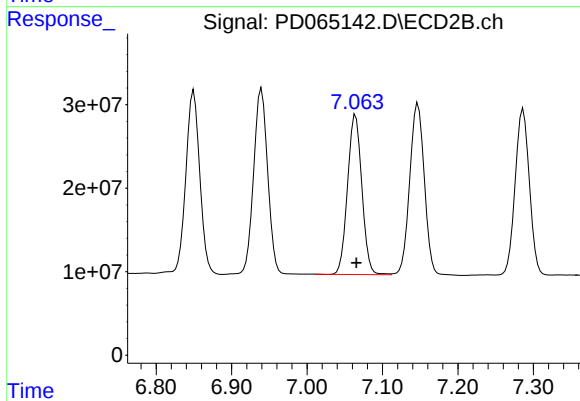
#17 4,4'-DDT

R.T.: 7.147 min  
Delta R.T.: -0.001 min  
Response: 277855401  
Conc: 46.33 ng/ml



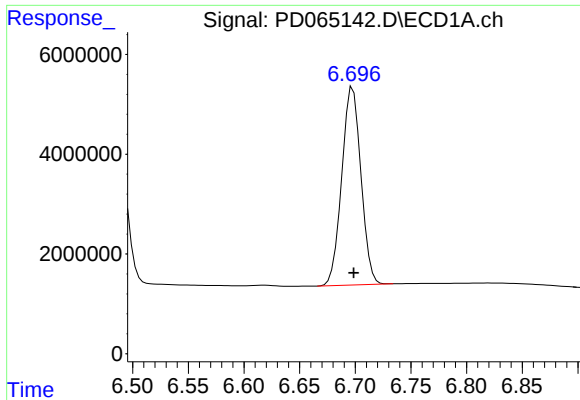
#18 Endrin aldehyde

R.T.: 6.486 min  
Delta R.T.: 0.000 min  
Response: 43513661  
Conc: 52.58 ng/ml



#18 Endrin aldehyde

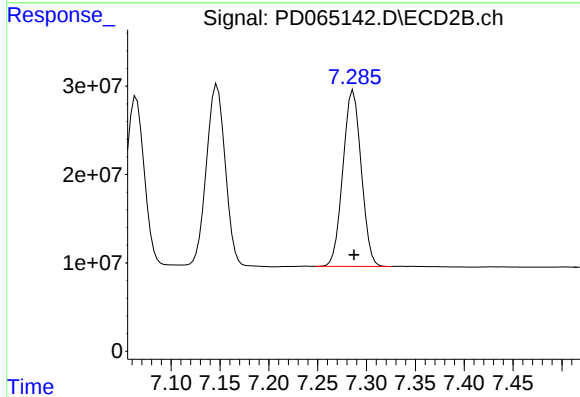
R.T.: 7.064 min  
Delta R.T.: 0.000 min  
Response: 252673656  
Conc: 54.17 ng/ml



#19 Endosulfan Sulfate

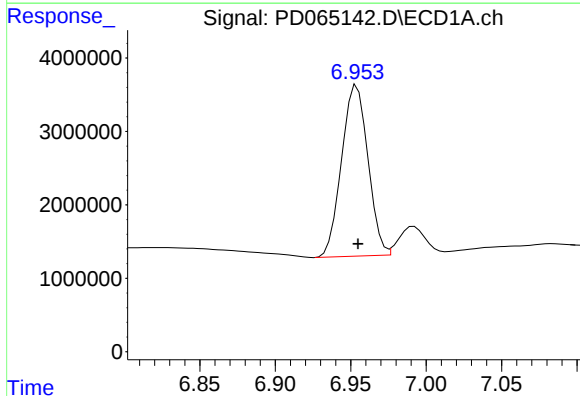
R.T.: 6.698 min  
Delta R.T.: 0.000 min  
Response: 47655161  
Conc: 44.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SWCS-11-1015MSD



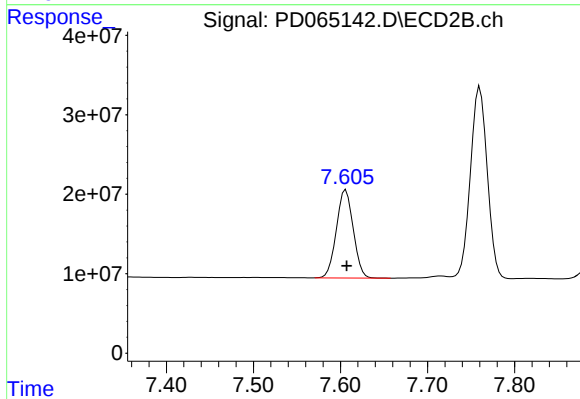
#19 Endosulfan Sulfate

R.T.: 7.287 min  
Delta R.T.: 0.000 min  
Response: 260480939  
Conc: 45.42 ng/ml



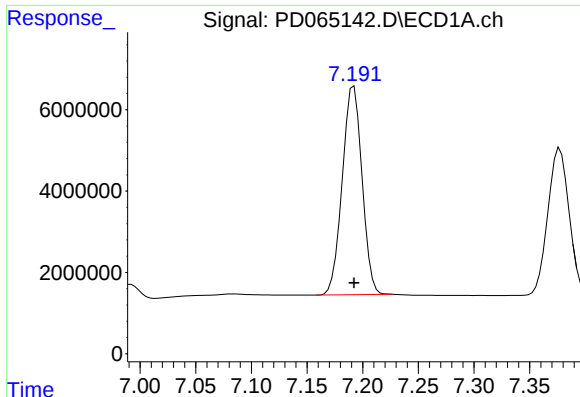
#20 Methoxychlor

R.T.: 6.954 min  
Delta R.T.: 0.000 min  
Response: 28327082  
Conc: 48.06 ng/ml



#20 Methoxychlor

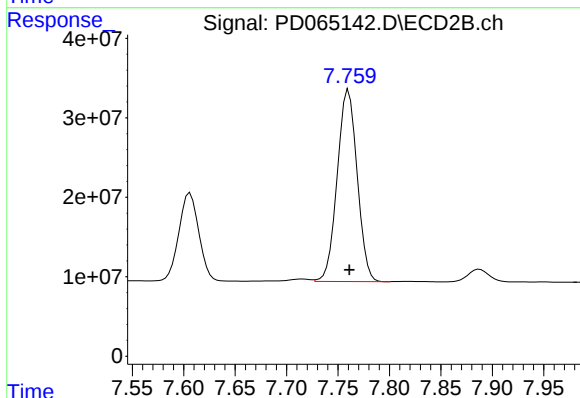
R.T.: 7.606 min  
Delta R.T.: -0.001 min  
Response: 149287817  
Conc: 49.33 ng/ml



#21 Endrin ketone

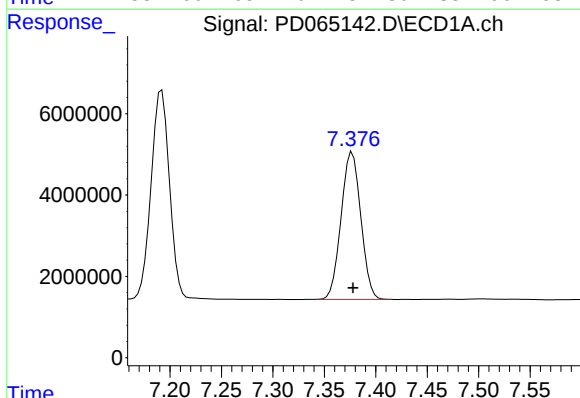
R.T.: 7.192 min  
Delta R.T.: 0.000 min  
Response: 63405551  
Conc: 49.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SWCS-11-1015MSD



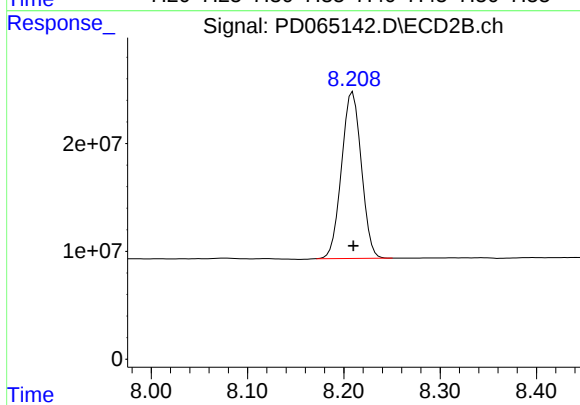
#21 Endrin ketone

R.T.: 7.760 min  
Delta R.T.: 0.000 min  
Response: 325643780  
Conc: 50.11 ng/ml



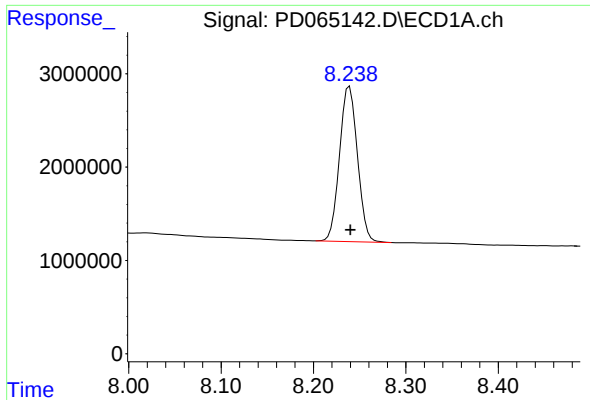
#22 Mirex

R.T.: 7.377 min  
Delta R.T.: 0.000 min  
Response: 48352147  
Conc: 47.42 ng/ml



#22 Mirex

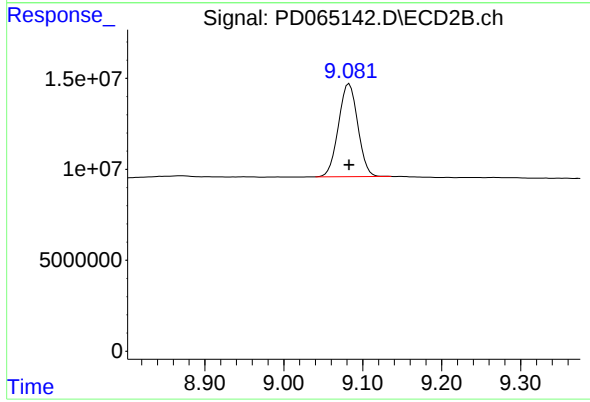
R.T.: 8.209 min  
Delta R.T.: 0.000 min  
Response: 219908698  
Conc: 49.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.239 min  
Delta R.T.: -0.001 min  
Response: 22420431  
Conc: 19.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SWCS-11-1015MSD



#28 Decachlorobiphenyl

R.T.: 9.083 min  
Delta R.T.: 0.000 min  
Response: 87116830  
Conc: 18.41 ng/ml