

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020524\  
 Data File : PD081061.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Feb 2024 11:51  
 Operator : AR\AJ  
 Sample : P1307-02MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 TR-614-COMP-01MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 05 20:56:00 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012424.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 25 11:14:56 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... | 3.566 | 2.796 | 28405726 | 47235029 | 20.010 | 19.746 |
| 28)                         | SA Decachlor... | 9.114 | 7.934 | 42164962 | 51095634 | 20.952 | 19.183 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 4.023 | 3.298 | 114.1E6  | 176.6E6  | 45.917 | 46.013 |
| 3)                          | MA gamma-BHC... | 4.356 | 3.627 | 112.4E6  | 169.2E6  | 45.934 | 45.251 |
| 4)                          | MA Heptachlor   | 4.949 | 3.968 | 114.7E6  | 163.0E6  | 46.487 | 47.279 |
| 5)                          | MB Aldrin       | 5.293 | 4.248 | 108.8E6  | 159.8E6  | 44.313 | 43.879 |
| 6)                          | B beta-BHC      | 4.551 | 3.922 | 46639784 | 68743546 | 46.094 | 43.993 |
| 7)                          | B delta-BHC     | 4.800 | 4.153 | 108.3E6  | 164.9E6  | 43.164 | 43.943 |
| 8)                          | B Heptachlo...  | 5.719 | 4.749 | 101.8E6  | 147.1E6  | 45.452 | 43.907 |
| 9)                          | A Endosulfan I  | 6.106 | 5.120 | 97523853 | 137.9E6  | 47.021 | 45.028 |
| 10)                         | B gamma-Chl...  | 5.975 | 4.999 | 104.5E6  | 150.1E6  | 47.742 | 45.898 |
| 11)                         | B alpha-Chl...  | 6.055 | 5.064 | 103.2E6  | 148.5E6  | 47.412 | 45.425 |
| 12)                         | B 4,4'-DDE      | 6.226 | 5.252 | 97153736 | 140.3E6  | 47.744 | 45.790 |
| 13)                         | MA Dieldrin     | 6.382 | 5.384 | 105.8E6  | 155.1E6  | 47.882 | 45.613 |
| 14)                         | MA Endrin       | 6.612 | 5.659 | 89518887 | 139.2E6  | 47.929 | 46.958 |
| 15)                         | B Endosulfa...  | 6.830 | 5.951 | 94549800 | 133.3E6  | 48.827 | 46.342 |
| 16)                         | A 4,4'-DDD      | 6.743 | 5.805 | 80016407 | 118.9E6  | 48.698 | 45.280 |
| 17)                         | MA 4,4'-DDT     | 7.059 | 6.057 | 90352538 | 122.2E6  | 50.735 | 46.062 |
| 18)                         | B Endrin al...  | 6.960 | 6.131 | 71483867 | 98954446 | 46.993 | 43.889 |
| 19)                         | B Endosulfa...  | 7.195 | 6.353 | 90493399 | 125.9E6  | 47.660 | 45.152 |
| 20)                         | A Methoxychlor  | 7.533 | 6.632 | 49631240 | 66839156 | 48.219 | 42.702 |
| 21)                         | B Endrin ke...  | 7.681 | 6.860 | 101.8E6  | 145.3E6  | 48.698 | 45.016 |
| 22)                         | Mirex           | 8.158 | 7.043 | 76795616 | 108.6E6  | 46.560 | 43.096 |
| -----                       |                 |       |       |          |          |        |        |

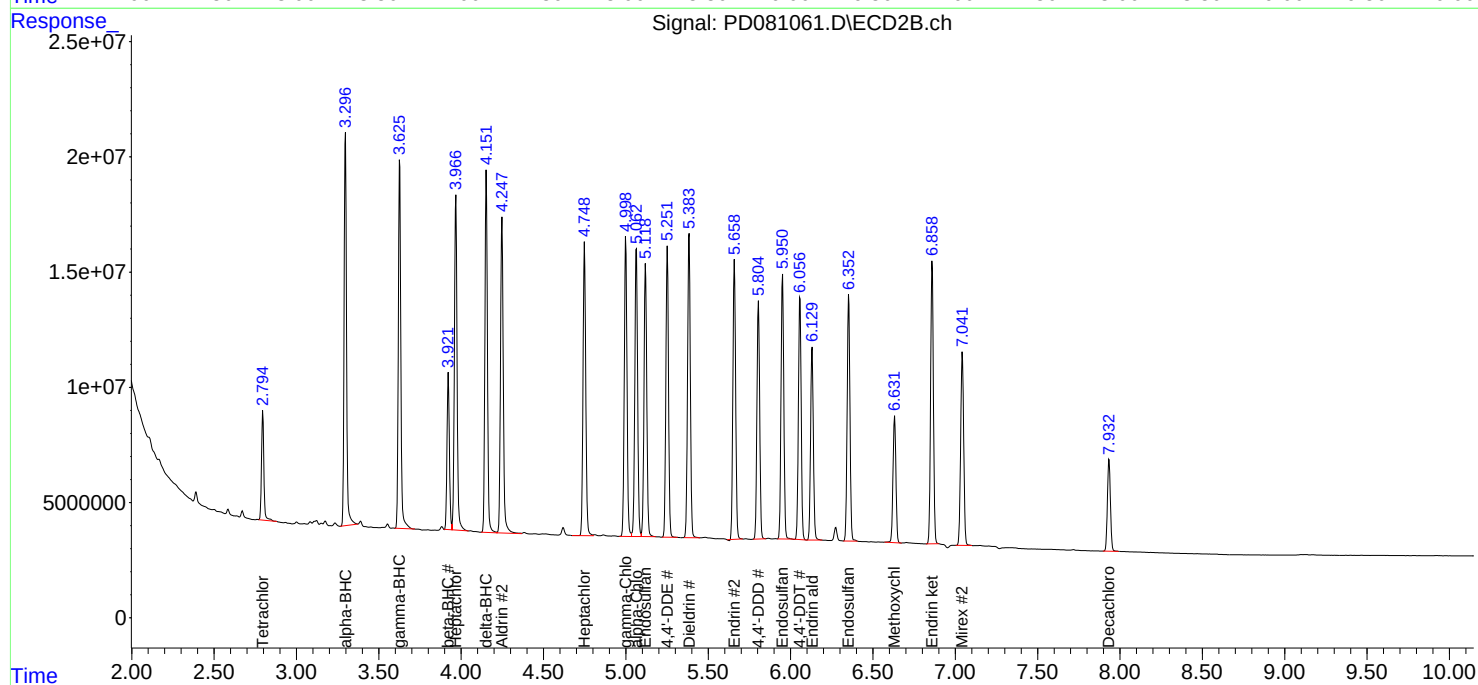
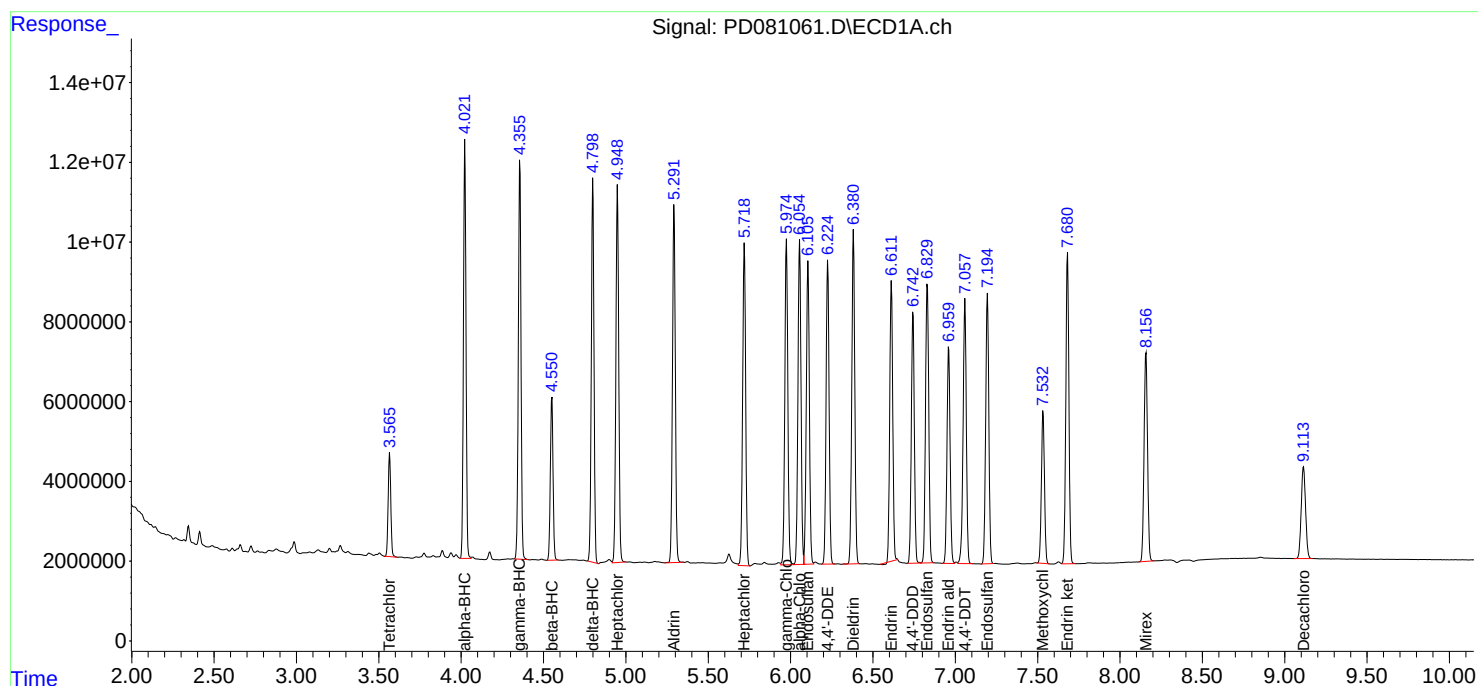
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

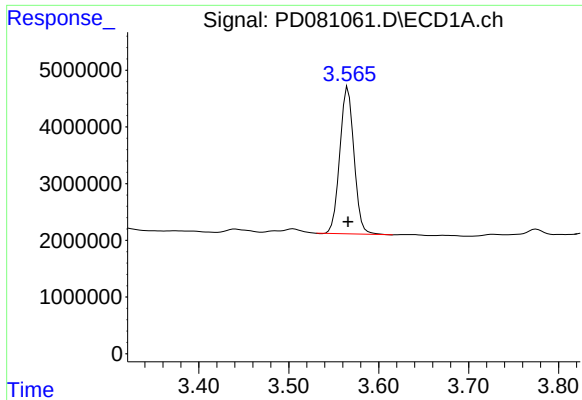
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020524\  
Data File : PD081061.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Feb 2024 11:51  
Operator : AR\AJ  
Sample : P1307-02MSD  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
TR-614-COMP-01MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 05 20:56:00 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012424.M  
Quant Title : GC Extractables  
QLast Update : Thu Jan 25 11:14:56 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

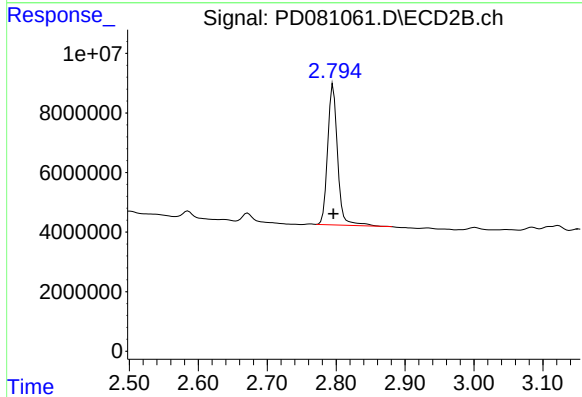




#1 Tetrachloro-m-xylene

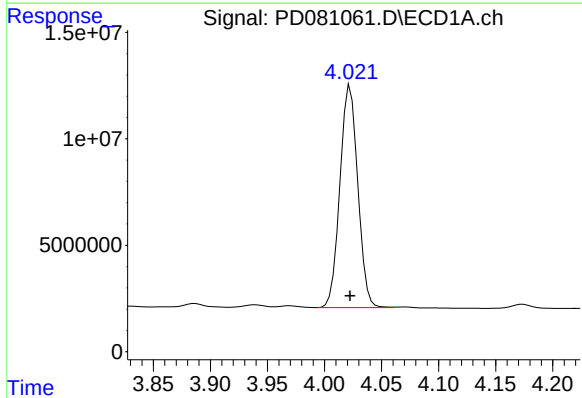
R.T.: 3.566 min  
Delta R.T.: 0.000 min  
Response: 28405726  
Conc: 20.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TR-614-COMP-01MSD



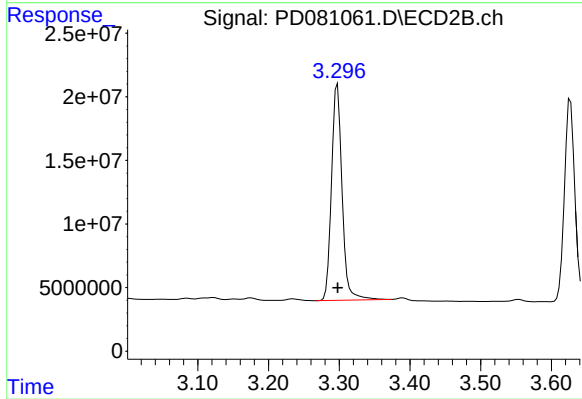
#1 Tetrachloro-m-xylene

R.T.: 2.796 min  
Delta R.T.: 0.000 min  
Response: 47235029  
Conc: 19.75 ng/ml



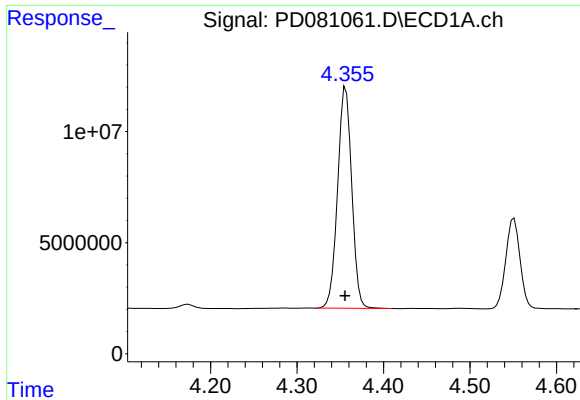
#2 alpha-BHC

R.T.: 4.023 min  
Delta R.T.: 0.000 min  
Response: 114051885  
Conc: 45.92 ng/ml



#2 alpha-BHC

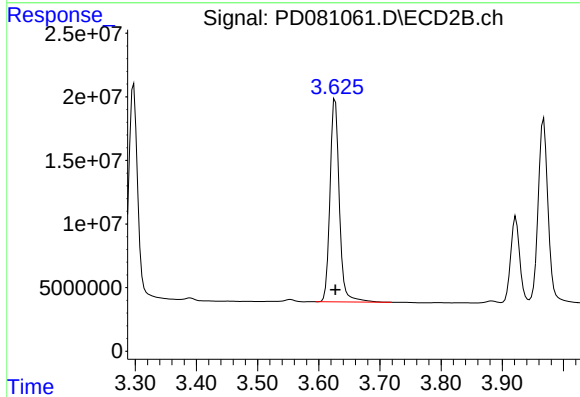
R.T.: 3.298 min  
Delta R.T.: 0.000 min  
Response: 176554328  
Conc: 46.01 ng/ml



#3 gamma-BHC (Lindane)

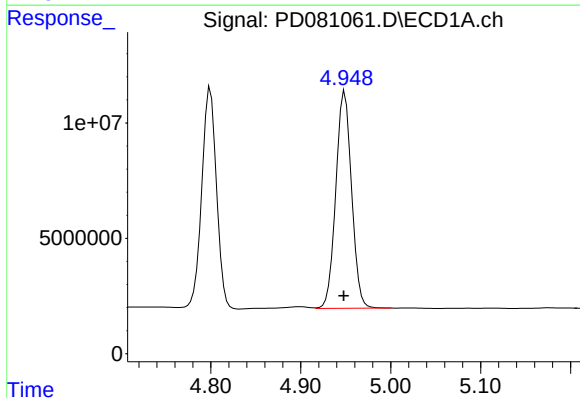
R.T.: 4.356 min  
Delta R.T.: 0.001 min  
Response: 112428169  
Conc: 45.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TR-614-COMP-01MSD



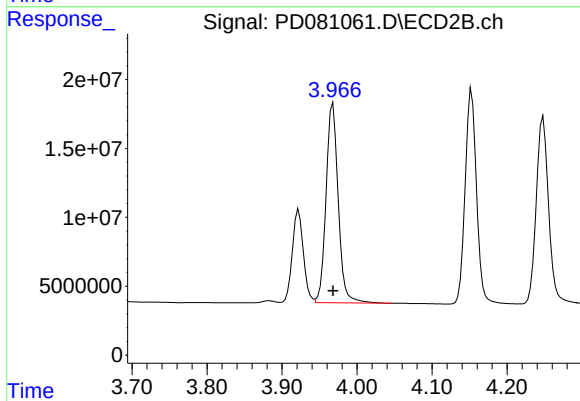
#3 gamma-BHC (Lindane)

R.T.: 3.627 min  
Delta R.T.: 0.000 min  
Response: 169190259  
Conc: 45.25 ng/ml



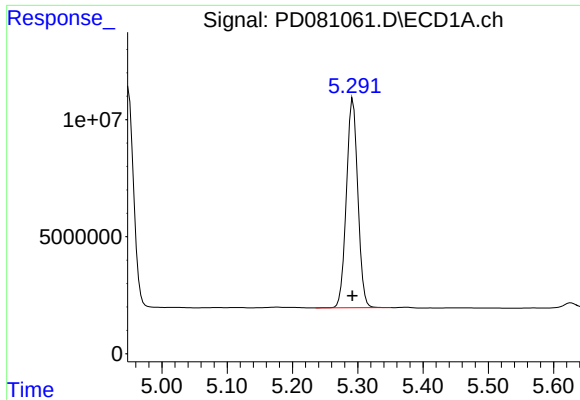
#4 Heptachlor

R.T.: 4.949 min  
Delta R.T.: 0.001 min  
Response: 114653251  
Conc: 46.49 ng/ml



#4 Heptachlor

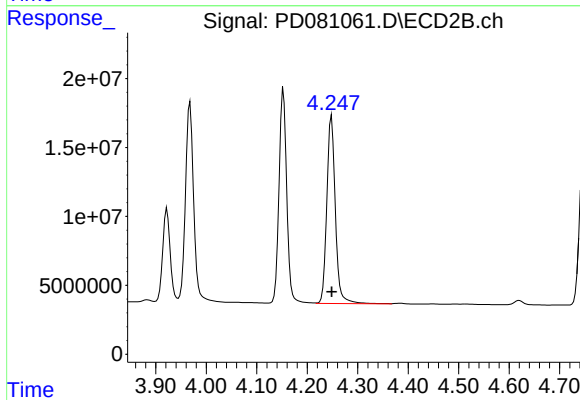
R.T.: 3.968 min  
Delta R.T.: 0.000 min  
Response: 163022482  
Conc: 47.28 ng/ml



#5 Aldrin

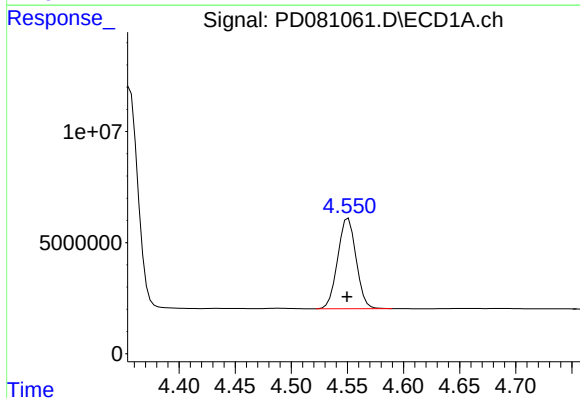
R.T.: 5.293 min  
Delta R.T.: 0.001 min  
Response: 108772523  
Conc: 44.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TR-614-COMP-01MSD



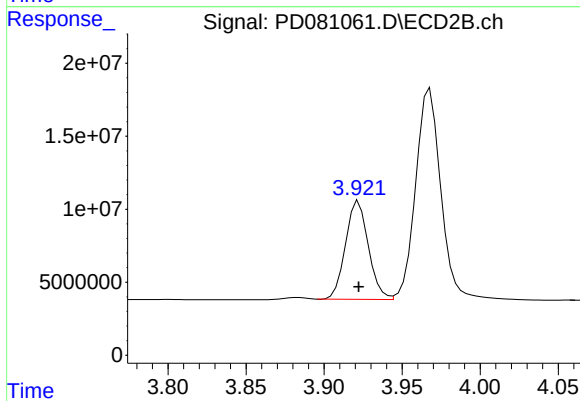
#5 Aldrin

R.T.: 4.248 min  
Delta R.T.: 0.000 min  
Response: 159806678  
Conc: 43.88 ng/ml



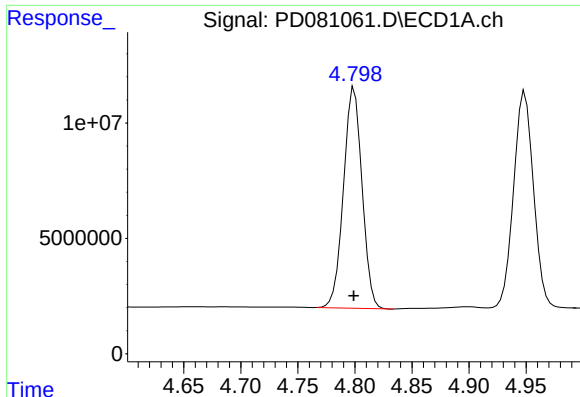
#6 beta-BHC

R.T.: 4.551 min  
Delta R.T.: 0.001 min  
Response: 46639784  
Conc: 46.09 ng/ml



#6 beta-BHC

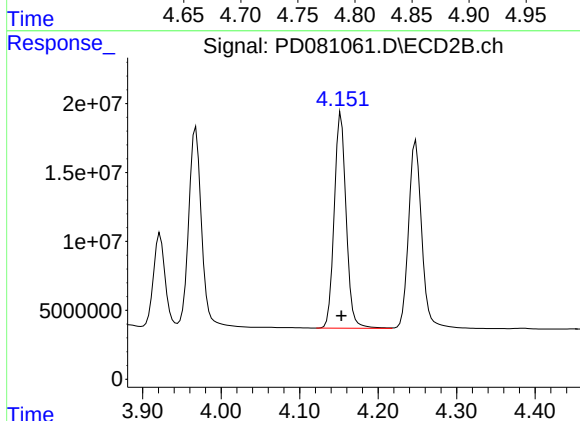
R.T.: 3.922 min  
Delta R.T.: 0.000 min  
Response: 68743546  
Conc: 43.99 ng/ml



#7 delta-BHC

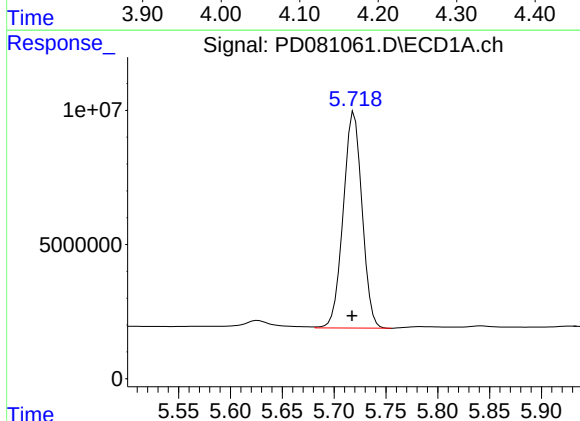
R.T.: 4.800 min  
Delta R.T.: 0.000 min  
Response: 108288847  
Conc: 43.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TR-614-COMP-01MSD



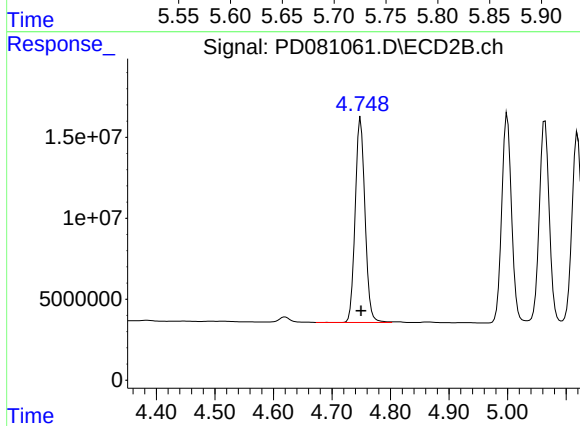
#7 delta-BHC

R.T.: 4.153 min  
Delta R.T.: 0.000 min  
Response: 164920058  
Conc: 43.94 ng/ml



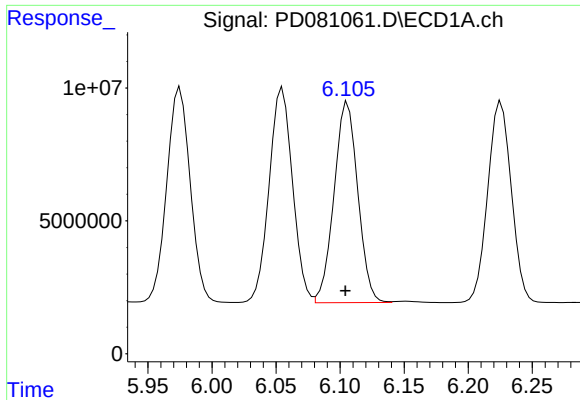
#8 Heptachlor epoxide

R.T.: 5.719 min  
Delta R.T.: 0.002 min  
Response: 101775518  
Conc: 45.45 ng/ml



#8 Heptachlor epoxide

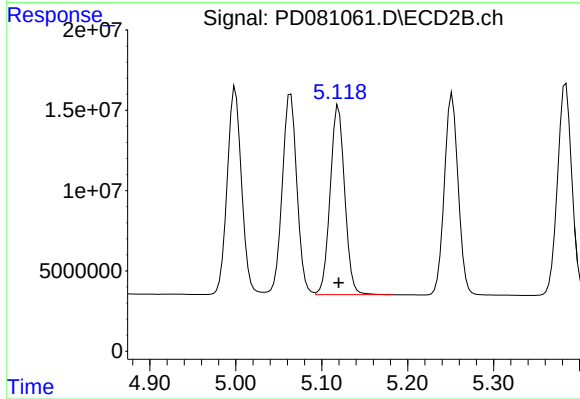
R.T.: 4.749 min  
Delta R.T.: 0.000 min  
Response: 147066051  
Conc: 43.91 ng/ml



#9 Endosulfan I

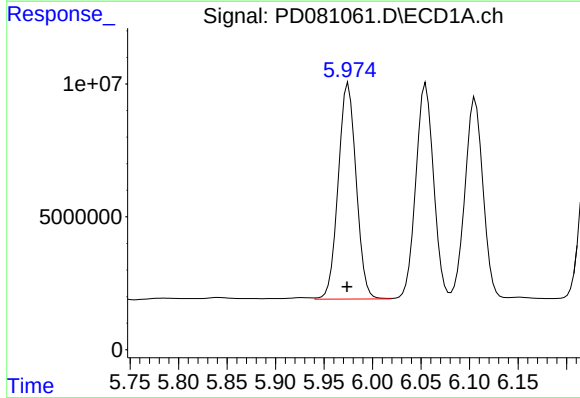
R.T.: 6.106 min  
Delta R.T.: 0.002 min  
Response: 97523853  
Conc: 47.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TR-614-COMP-01MSD



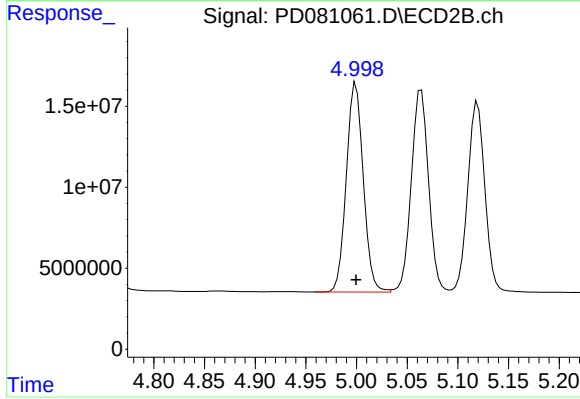
#9 Endosulfan I

R.T.: 5.120 min  
Delta R.T.: 0.000 min  
Response: 137910901  
Conc: 45.03 ng/ml



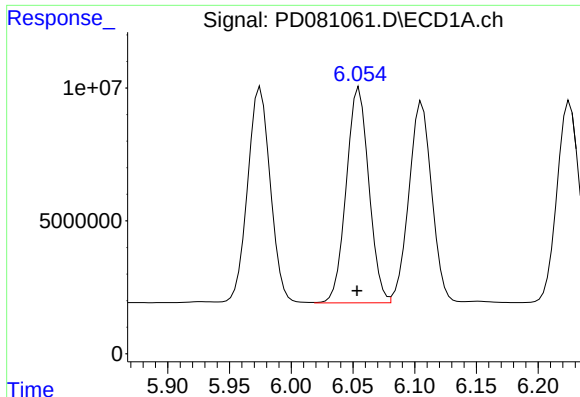
#10 gamma-Chlordane

R.T.: 5.975 min  
Delta R.T.: 0.001 min  
Response: 104512970  
Conc: 47.74 ng/ml



#10 gamma-Chlordane

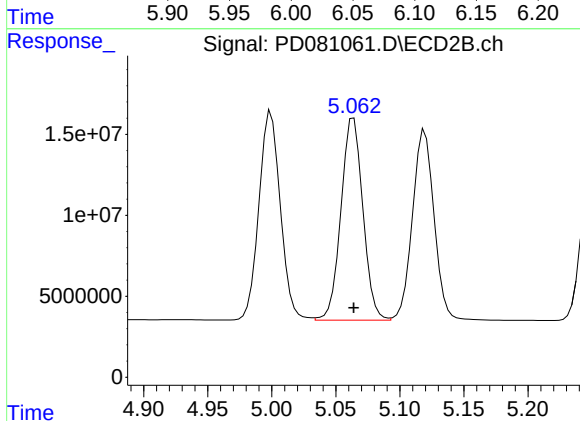
R.T.: 4.999 min  
Delta R.T.: 0.000 min  
Response: 150133962  
Conc: 45.90 ng/ml



#11 alpha-Chlordane

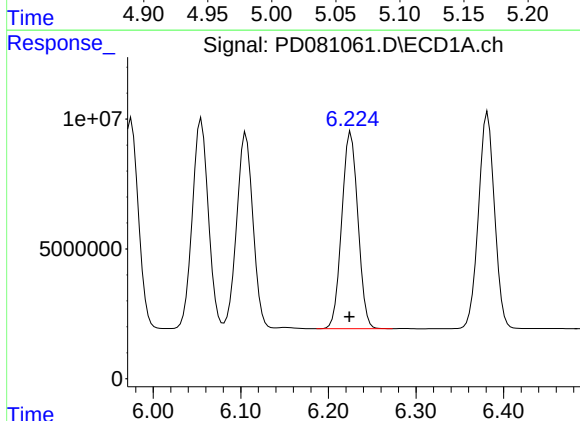
R.T.: 6.055 min  
Delta R.T.: 0.002 min  
Response: 103234741  
Conc: 47.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TR-614-COMP-01MSD



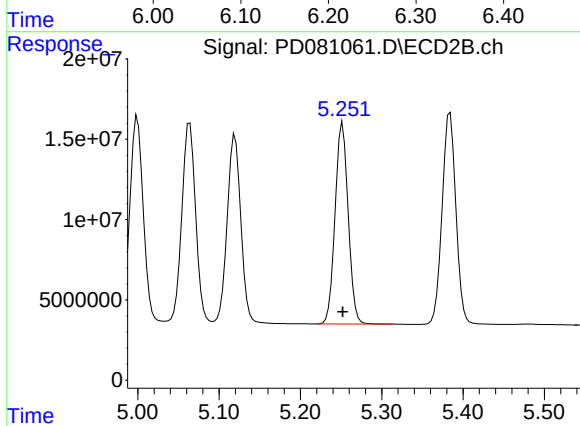
#11 alpha-Chlordane

R.T.: 5.064 min  
Delta R.T.: 0.000 min  
Response: 148520010  
Conc: 45.43 ng/ml



#12 4,4'-DDE

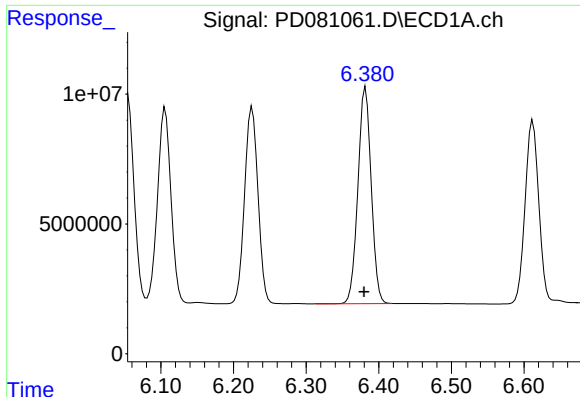
R.T.: 6.226 min  
Delta R.T.: 0.002 min  
Response: 97153736  
Conc: 47.74 ng/ml



#12 4,4'-DDE

R.T.: 5.252 min  
Delta R.T.: 0.000 min  
Response: 140266807  
Conc: 45.79 ng/ml

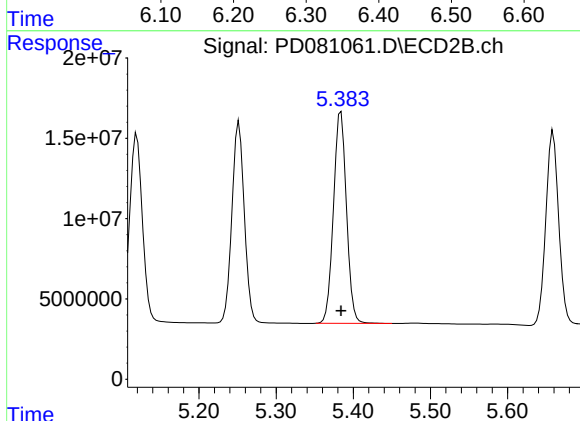




#13 Dieldrin

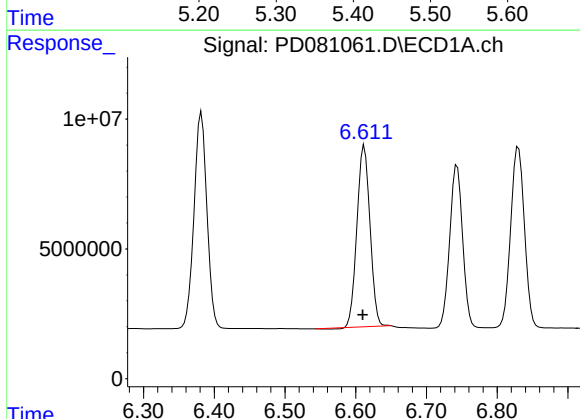
R.T.: 6.382 min  
Delta R.T.: 0.002 min  
Response: 105804860  
Conc: 47.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TR-614-COMP-01MSD



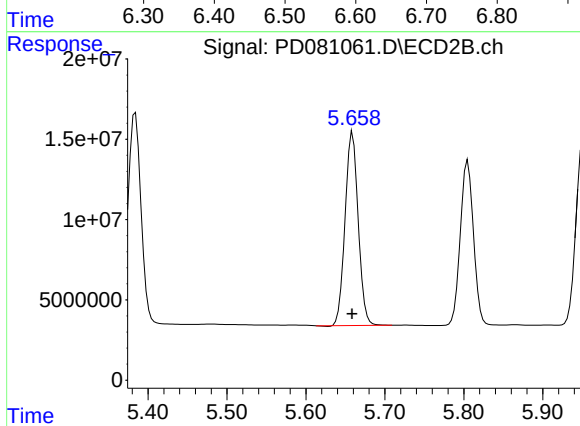
#13 Dieldrin

R.T.: 5.384 min  
Delta R.T.: 0.000 min  
Response: 155120715  
Conc: 45.61 ng/ml



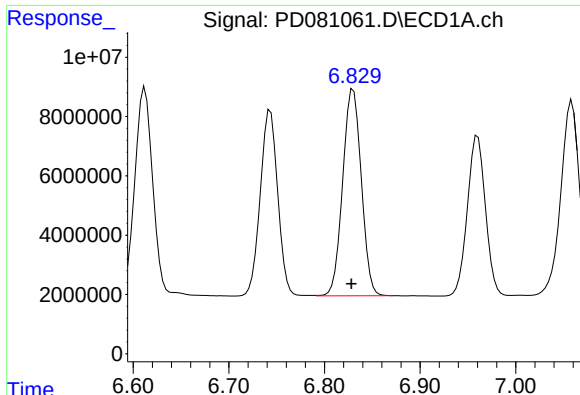
#14 Endrin

R.T.: 6.612 min  
Delta R.T.: 0.002 min  
Response: 89518887  
Conc: 47.93 ng/ml



#14 Endrin

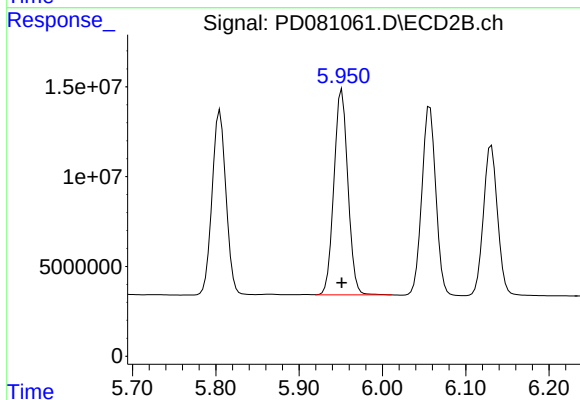
R.T.: 5.659 min  
Delta R.T.: 0.000 min  
Response: 139155996  
Conc: 46.96 ng/ml



#15 Endosulfan II

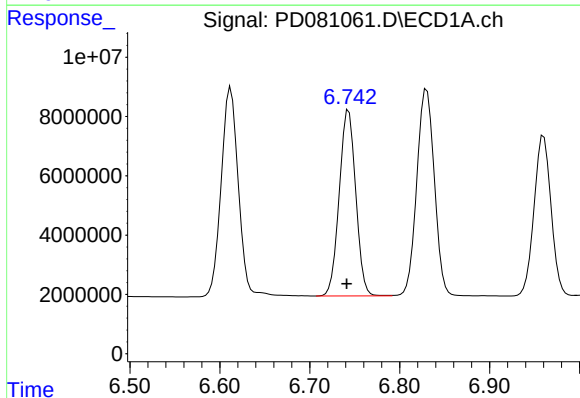
R.T.: 6.830 min  
Delta R.T.: 0.002 min  
Response: 94549800  
Conc: 48.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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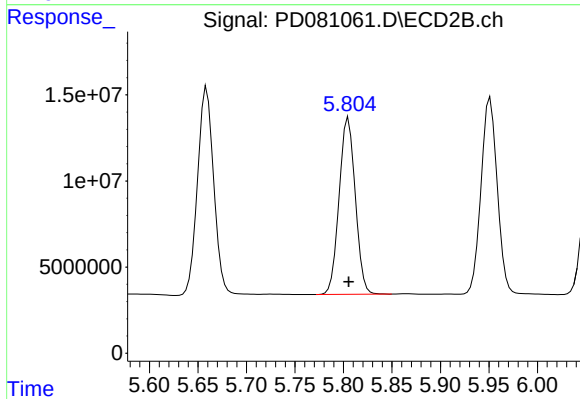
#15 Endosulfan II

R.T.: 5.951 min  
Delta R.T.: 0.000 min  
Response: 133274515  
Conc: 46.34 ng/ml



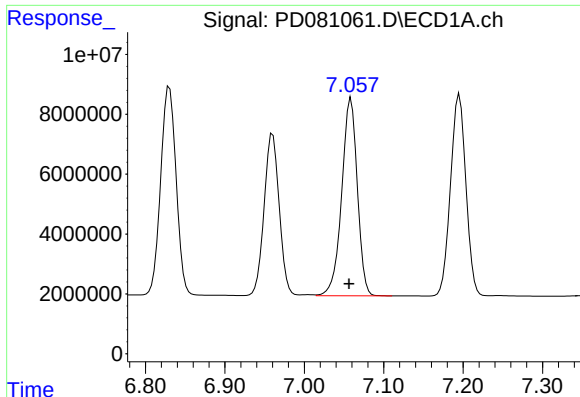
#16 4,4'-DDD

R.T.: 6.743 min  
Delta R.T.: 0.002 min  
Response: 80016407  
Conc: 48.70 ng/ml



#16 4,4'-DDD

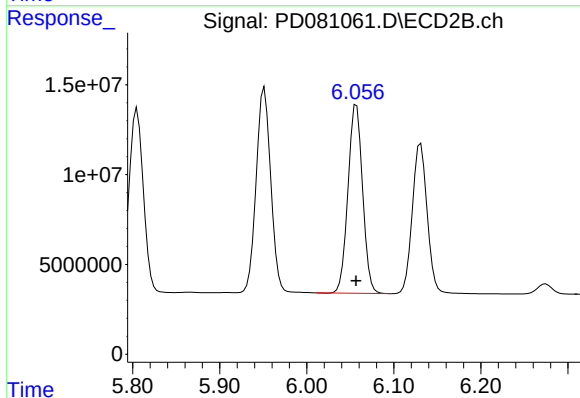
R.T.: 5.805 min  
Delta R.T.: 0.000 min  
Response: 118871117  
Conc: 45.28 ng/ml



#17 4,4'-DDT

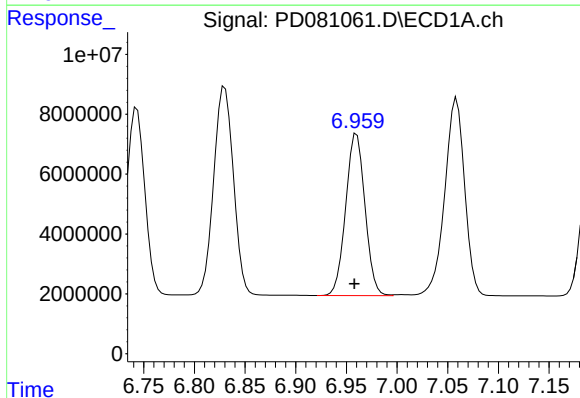
R.T.: 7.059 min  
Delta R.T.: 0.002 min  
Response: 90352538  
Conc: 50.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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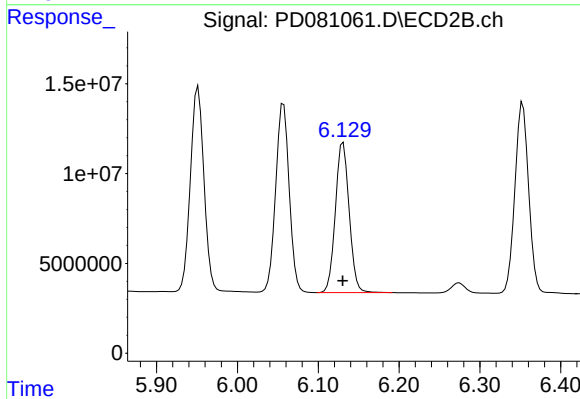
#17 4,4'-DDT

R.T.: 6.057 min  
Delta R.T.: 0.000 min  
Response: 122205044  
Conc: 46.06 ng/ml



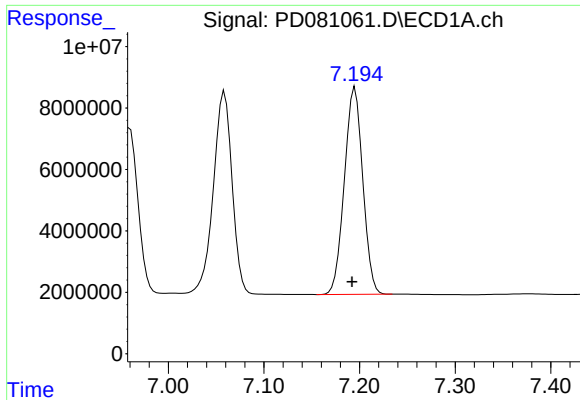
#18 Endrin aldehyde

R.T.: 6.960 min  
Delta R.T.: 0.002 min  
Response: 71483867  
Conc: 46.99 ng/ml



#18 Endrin aldehyde

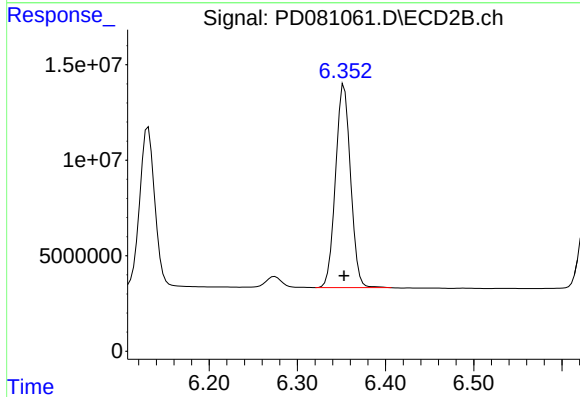
R.T.: 6.131 min  
Delta R.T.: 0.000 min  
Response: 98954446  
Conc: 43.89 ng/ml



#19 Endosulfan Sulfate

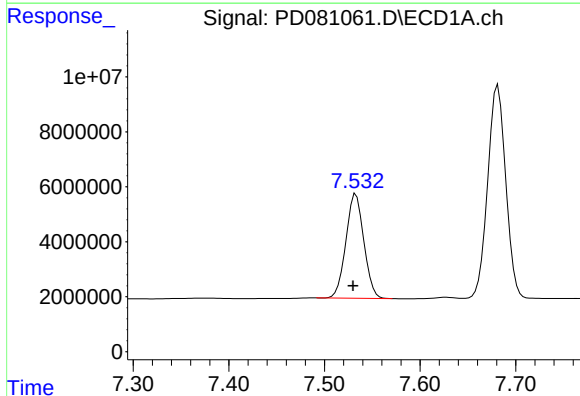
R.T.: 7.195 min  
Delta R.T.: 0.003 min  
Response: 90493399  
Conc: 47.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TR-614-COMP-01MSD



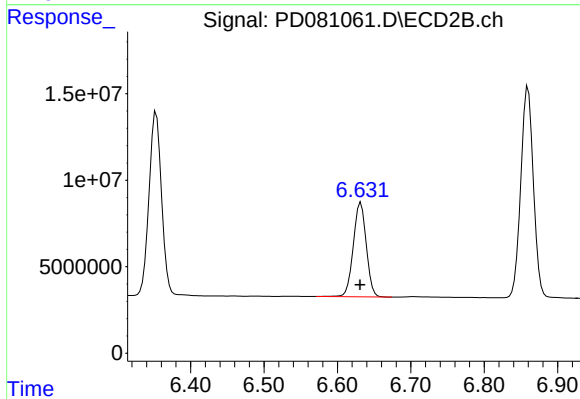
#19 Endosulfan Sulfate

R.T.: 6.353 min  
Delta R.T.: 0.000 min  
Response: 125945038  
Conc: 45.15 ng/ml



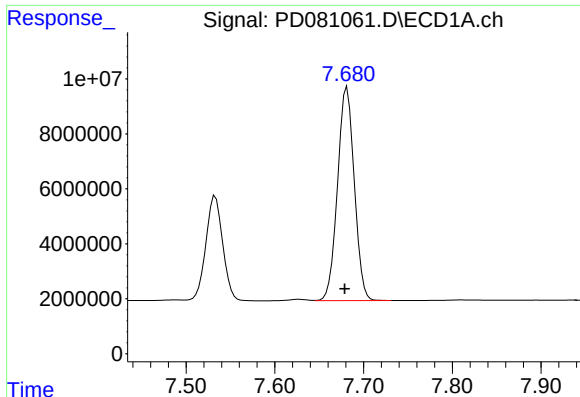
#20 Methoxychlor

R.T.: 7.533 min  
Delta R.T.: 0.003 min  
Response: 49631240  
Conc: 48.22 ng/ml



#20 Methoxychlor

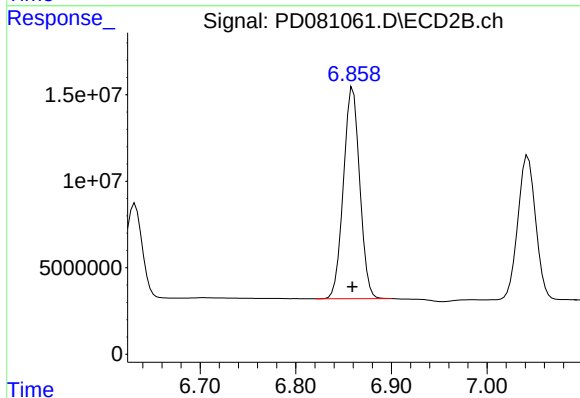
R.T.: 6.632 min  
Delta R.T.: 0.001 min  
Response: 66839156  
Conc: 42.70 ng/ml



#21 Endrin ketone

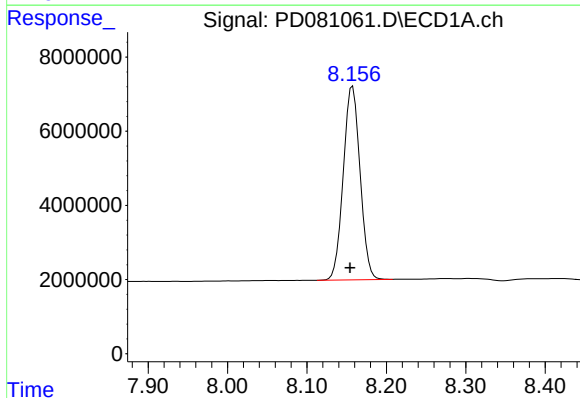
R.T.: 7.681 min  
Delta R.T.: 0.003 min  
Response: 101838691  
Conc: 48.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TR-614-COMP-01MSD



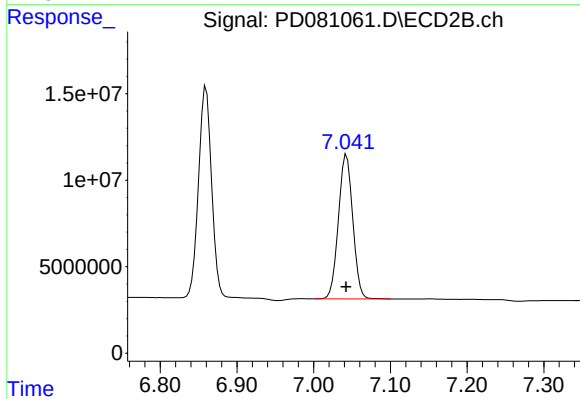
#21 Endrin ketone

R.T.: 6.860 min  
Delta R.T.: 0.000 min  
Response: 145267776  
Conc: 45.02 ng/ml



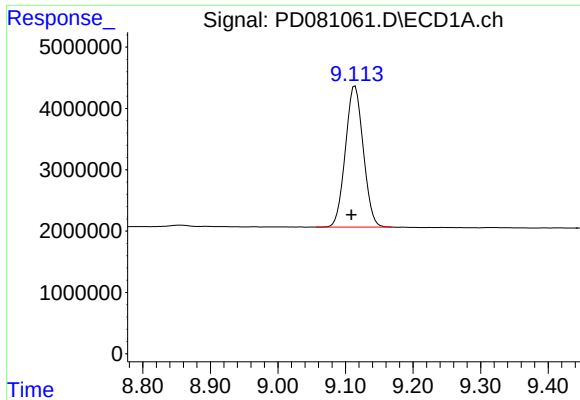
#22 Mirex

R.T.: 8.158 min  
Delta R.T.: 0.003 min  
Response: 76795616  
Conc: 46.56 ng/ml



#22 Mirex

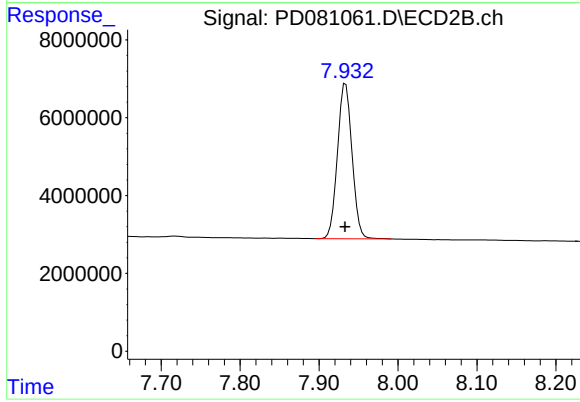
R.T.: 7.043 min  
Delta R.T.: 0.000 min  
Response: 108599313  
Conc: 43.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.114 min  
Delta R.T.: 0.005 min  
Response: 42164962  
Conc: 20.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TR-614-COMP-01MSD



#28 Decachlorobiphenyl

R.T.: 7.934 min  
Delta R.T.: 0.000 min  
Response: 51095634  
Conc: 19.18 ng/ml