

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121320\  
 Data File : PL063543.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Dec 2020 14:14  
 Operator : DD\AJ  
 Sample : L5042-02MSD  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 KENS-B6-121020-0-6MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 14 04:29:09 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121020.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Dec 10 15:57:40 2020  
 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 x0.5µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|----------|--------|--------|
| -----                       |                 |       |       |          |          |        |        |
| System Monitoring Compounds |                 |       |       |          |          |        |        |
| 1)                          | SA Tetrachlo... | 3.409 | 3.950 | 41722913 | 80956878 | 24.518 | 25.830 |
| 28)                         | SA Decachlor... | 8.124 | 8.990 | 44514741 | 61479578 | 22.104 | 24.413 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.841 | 4.336 | 143.8E6  | 295.6E6  | 57.388 | 62.447 |
| 3)                          | MA gamma-BHC... | 4.120 | 4.619 | 131.2E6  | 272.2E6  | 57.548 | 61.044 |
| 4)                          | MA Heptachlor   | 4.417 | 5.124 | 124.7E6  | 256.5E6  | 58.079 | 62.475 |
| 5)                          | MB Aldrin       | 4.661 | 5.427 | 122.3E6  | 242.5E6  | 64.152 | 62.666 |
| 6)                          | B beta-BHC      | 4.370 | 4.791 | 55476427 | 119.3E6  | 57.134 | 60.073 |
| 7)                          | B delta-BHC     | 4.571 | 5.005 | 127.5E6  | 225.9E6  | 58.546 | 55.808 |
| 8)                          | B Heptachlo...  | 5.100 | 5.812 | 107.3E6  | 205.2E6  | 57.682 | 56.652 |
| 9)                          | A Endosulfan I  | 5.435 | 6.168 | 102.4E6  | 194.5E6  | 58.684 | 58.285 |
| 10)                         | B gamma-Chl...  | 5.325 | 6.046 | 116.3E6  | 205.5E6  | 62.514 | 57.911 |
| 11)                         | B alpha-Chl...  | 5.383 | 6.118 | 109.9E6  | 203.6E6  | 59.123 | 57.451 |
| 12)                         | B 4,4'-DDE      | 5.548 | 6.278 | 98166530 | 203.4E6  | 57.798 | 58.066 |
| 13)                         | MA Dieldrin     | 5.676 | 6.424 | 102.0E6  | 199.2E6  | 56.018 | 57.983 |
| 14)                         | MA Endrin       | 5.931 | 6.641 | 94788331 | 167.2E6  | 56.476 | 57.164 |
| 15)                         | B Endosulfa...  | 6.203 | 6.852 | 89451582 | 161.4E6  | 50.543 | 50.664 |
| 16)                         | A 4,4'-DDD      | 6.060 | 6.767 | 78161272 | 153.3E6  | 52.070 | 56.543 |
| 17)                         | MA 4,4'-DDT     | 6.299 | 7.065 | 83633925 | 156.1E6  | 60.947 | 61.067 |
| 18)                         | B Endrin al...  | 6.370 | 6.976 | 71548044 | 128.1E6  | 46.676 | 50.203 |
| 19)                         | B Endosulfa...  | 6.582 | 7.199 | 91030124 | 149.8E6  | 53.081 | 53.837 |
| 20)                         | A Methoxychlor  | 6.843 | 7.526 | 48986887 | 76450432 | 55.053 | 54.817 |
| 21)                         | B Endrin ke...  | 7.069 | 7.668 | 106.2E6  | 159.4E6  | 53.187 | 54.655 |
| 22)                         | Mirex           | 7.254 | 8.120 | 84365486 | 109.4E6  | 53.137 | 54.912 |
| -----                       |                 |       |       |          |          |        |        |

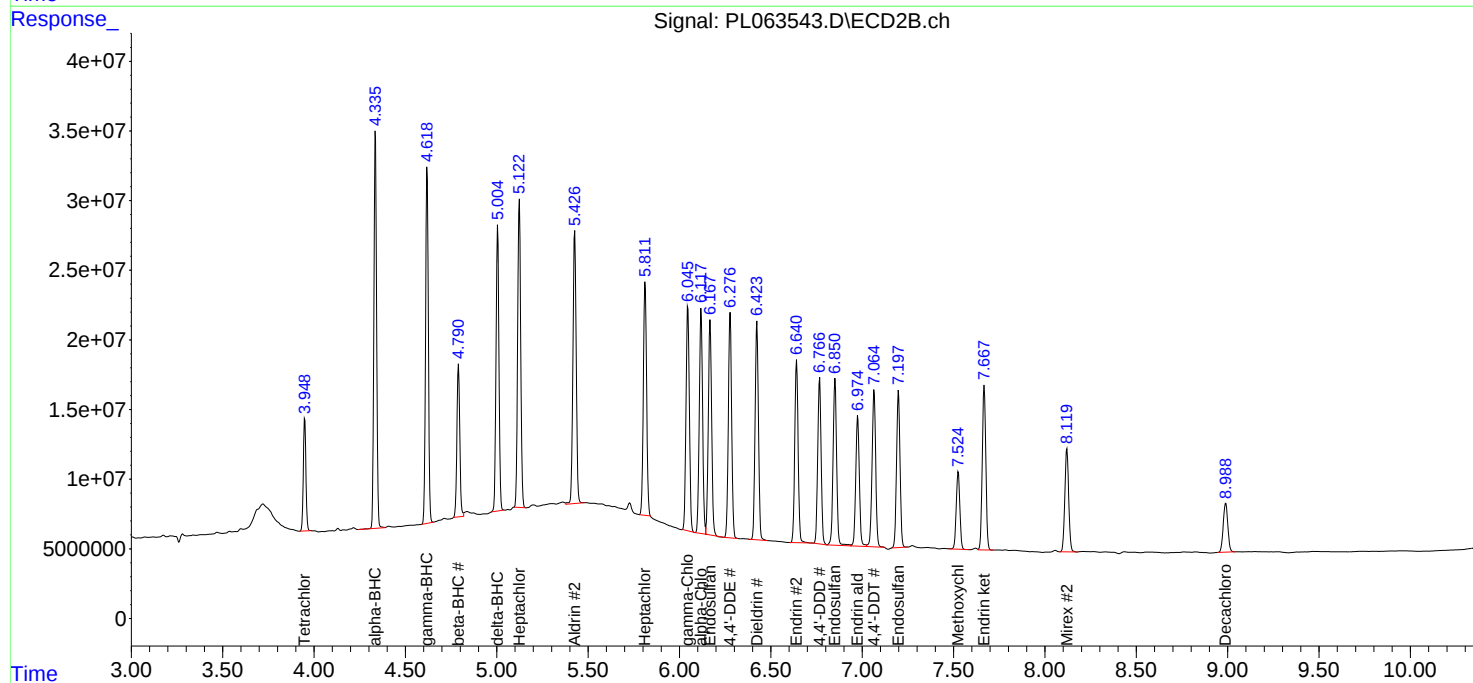
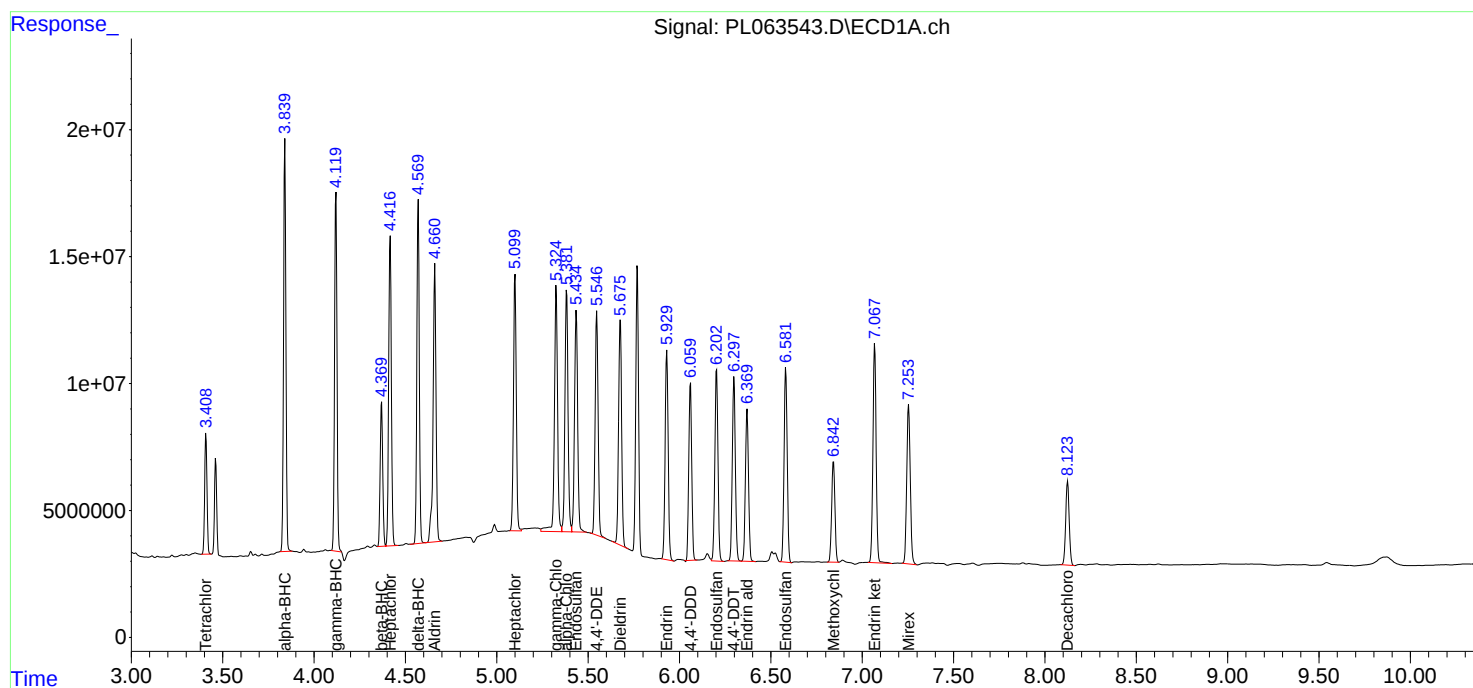
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

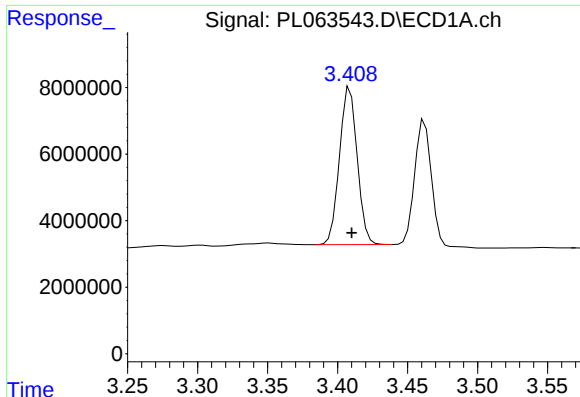
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121320\  
Data File : PL063543.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Dec 2020 14:14  
Operator : DD\AJ  
Sample : L5042-02MSD  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
KENS-B6-121020-0-6MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 14 04:29:09 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121020.M  
Quant Title : GC Extractables  
QLast Update : Thu Dec 10 15:57:40 2020  
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 x0.5µm

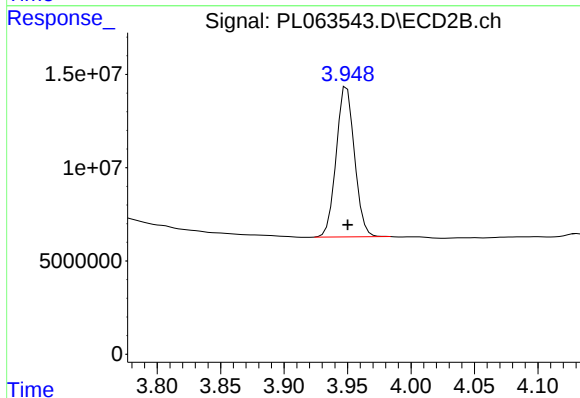




#1 Tetrachloro-m-xylene

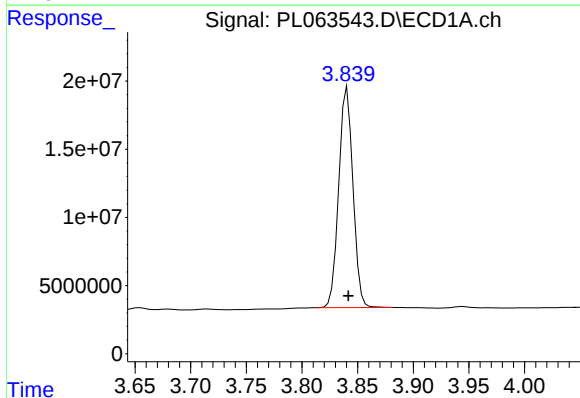
R.T.: 3.409 min  
Delta R.T.: 0.000 min  
Response: 41722913  
Conc: 24.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
KENS-B6-121020-0-6MSD



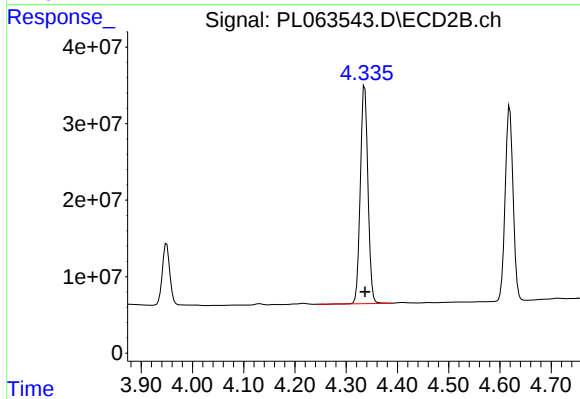
#1 Tetrachloro-m-xylene

R.T.: 3.950 min  
Delta R.T.: 0.000 min  
Response: 80956878  
Conc: 25.83 ng/ml



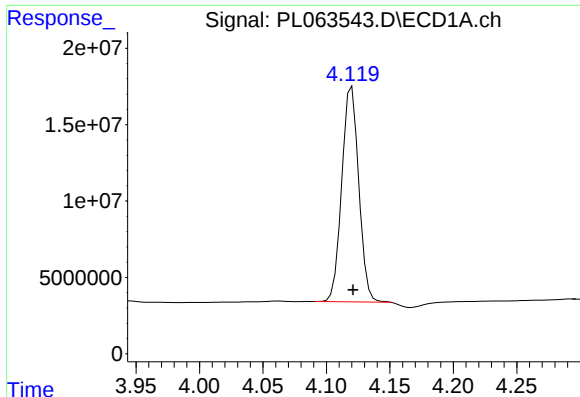
#2 alpha-BHC

R.T.: 3.841 min  
Delta R.T.: 0.000 min  
Response: 143845511  
Conc: 57.39 ng/ml



#2 alpha-BHC

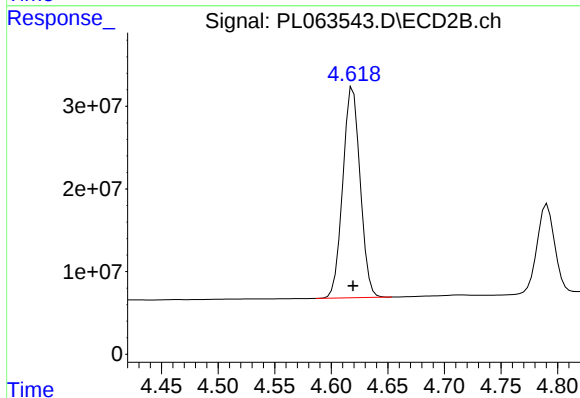
R.T.: 4.336 min  
Delta R.T.: 0.000 min  
Response: 295594886  
Conc: 62.45 ng/ml



#3 gamma-BHC (Lindane)

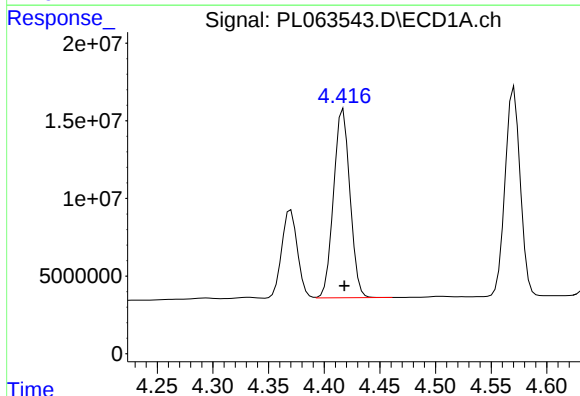
R.T.: 4.120 min  
Delta R.T.: 0.000 min  
Response: 131158274  
Conc: 57.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
KENS-B6-121020-0-6MSD



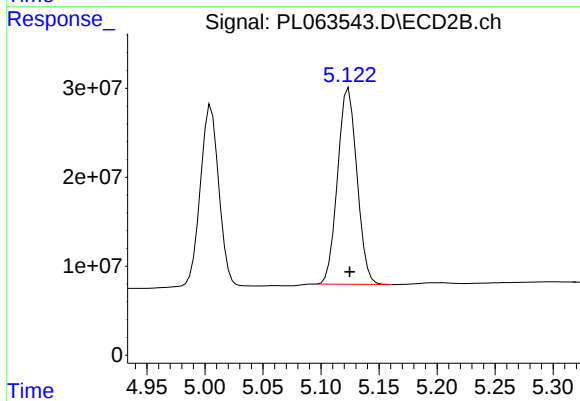
#3 gamma-BHC (Lindane)

R.T.: 4.619 min  
Delta R.T.: 0.000 min  
Response: 272151730  
Conc: 61.04 ng/ml



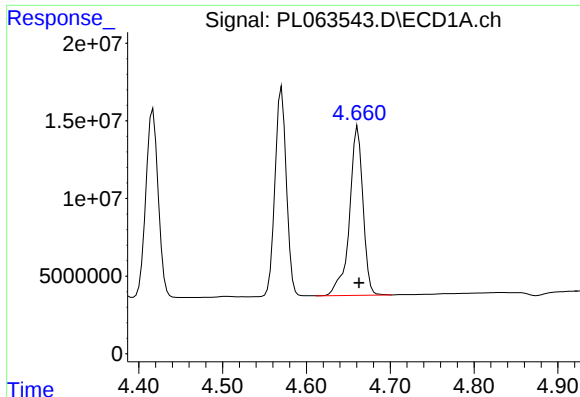
#4 Heptachlor

R.T.: 4.417 min  
Delta R.T.: -0.001 min  
Response: 124685059  
Conc: 58.08 ng/ml



#4 Heptachlor

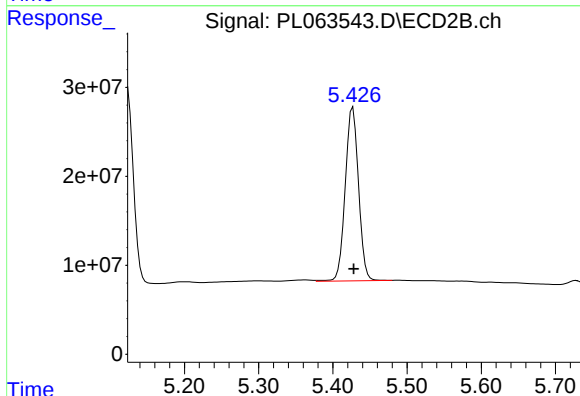
R.T.: 5.124 min  
Delta R.T.: -0.001 min  
Response: 256532790  
Conc: 62.48 ng/ml



#5 Aldrin

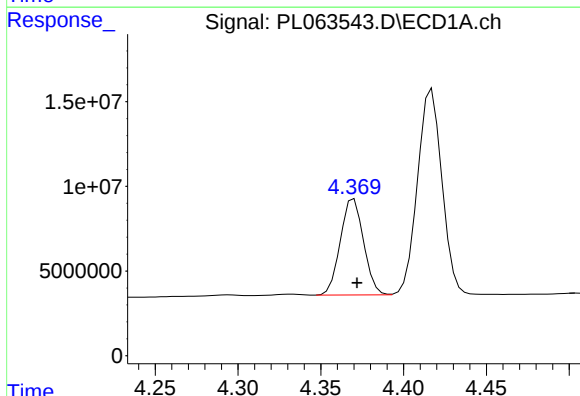
R.T.: 4.661 min  
Delta R.T.: -0.001 min  
Response: 122323980  
Conc: 64.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
KENS-B6-121020-0-6MSD



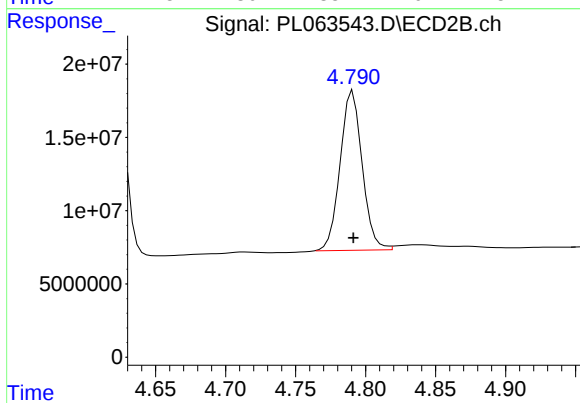
#5 Aldrin

R.T.: 5.427 min  
Delta R.T.: -0.001 min  
Response: 242460599  
Conc: 62.67 ng/ml



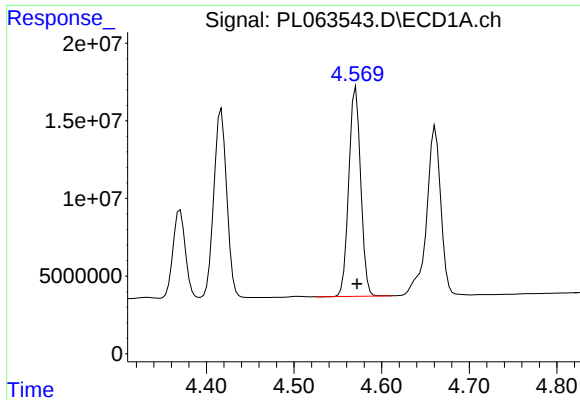
#6 beta-BHC

R.T.: 4.370 min  
Delta R.T.: -0.002 min  
Response: 55476427  
Conc: 57.13 ng/ml



#6 beta-BHC

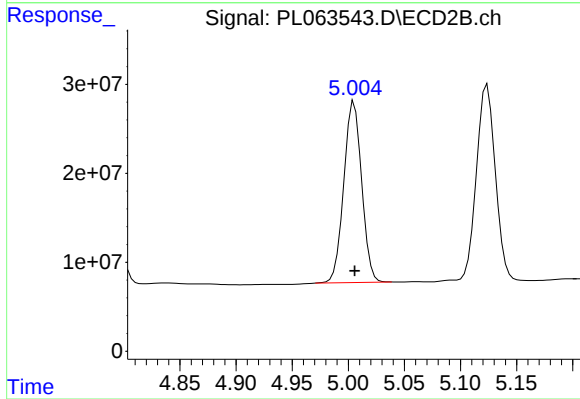
R.T.: 4.791 min  
Delta R.T.: 0.000 min  
Response: 119335372  
Conc: 60.07 ng/ml



#7 delta-BHC

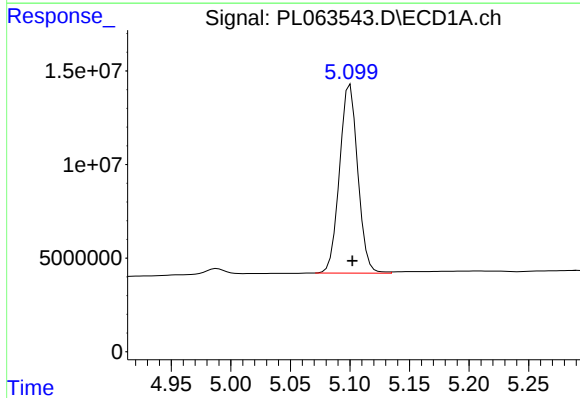
R.T.: 4.571 min  
Delta R.T.: -0.001 min  
Response: 127452955  
Conc: 58.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
KENS-B6-121020-0-6MSD



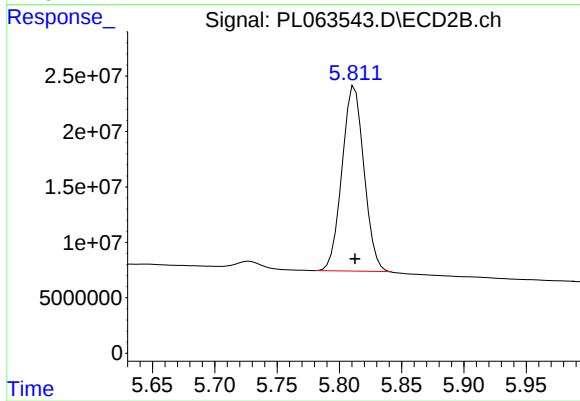
#7 delta-BHC

R.T.: 5.005 min  
Delta R.T.: 0.000 min  
Response: 225871094  
Conc: 55.81 ng/ml



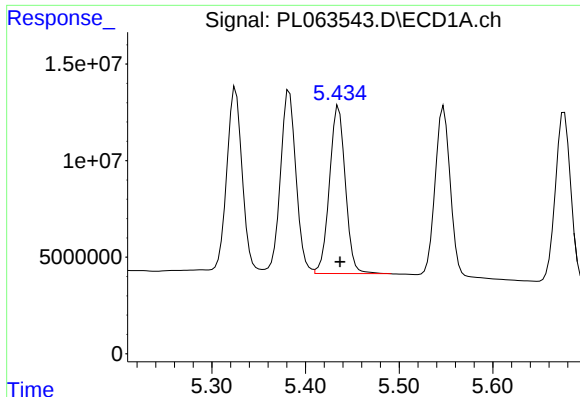
#8 Heptachlor epoxide

R.T.: 5.100 min  
Delta R.T.: -0.002 min  
Response: 107314399  
Conc: 57.68 ng/ml



#8 Heptachlor epoxide

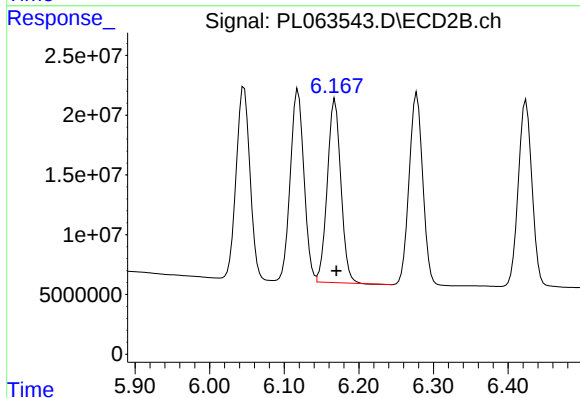
R.T.: 5.812 min  
Delta R.T.: 0.000 min  
Response: 205190773  
Conc: 56.65 ng/ml



#9 Endosulfan I

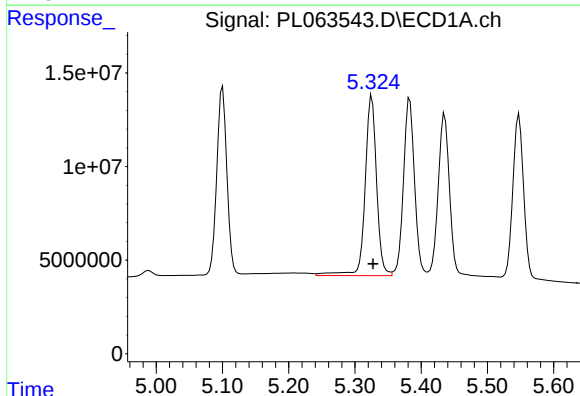
R.T.: 5.435 min  
Delta R.T.: -0.001 min  
Response: 102424033  
Conc: 58.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
KENS-B6-121020-0-6MSD



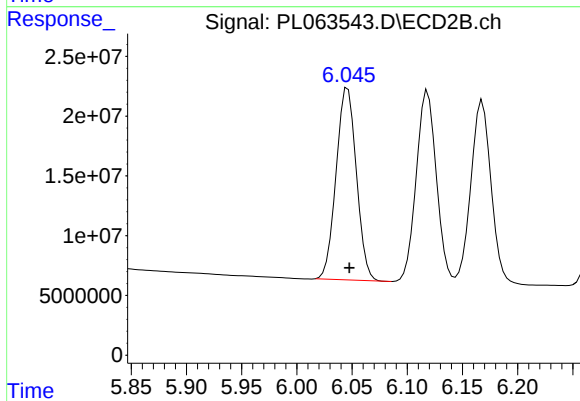
#9 Endosulfan I

R.T.: 6.168 min  
Delta R.T.: -0.002 min  
Response: 194535759  
Conc: 58.29 ng/ml



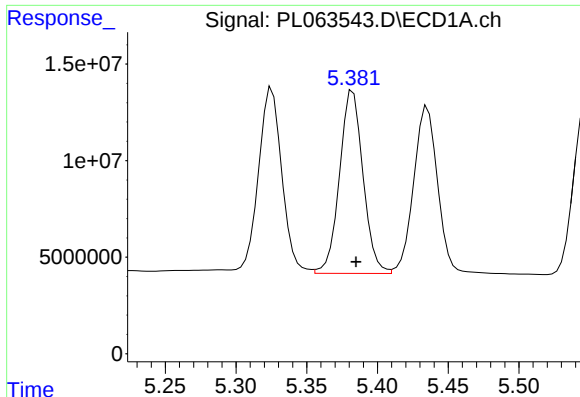
#10 gamma-Chlordane

R.T.: 5.325 min  
Delta R.T.: -0.002 min  
Response: 116277726  
Conc: 62.51 ng/ml



#10 gamma-Chlordane

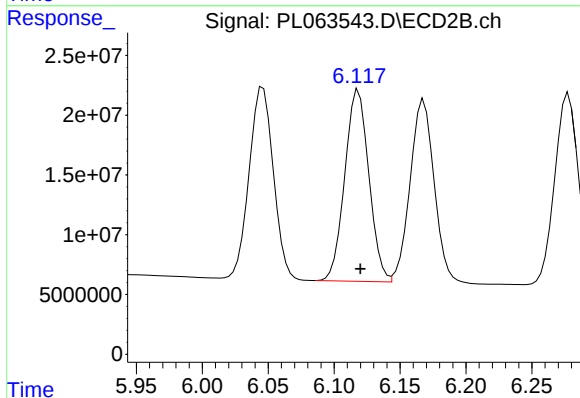
R.T.: 6.046 min  
Delta R.T.: -0.002 min  
Response: 205536862  
Conc: 57.91 ng/ml



#11 alpha-Chlordane

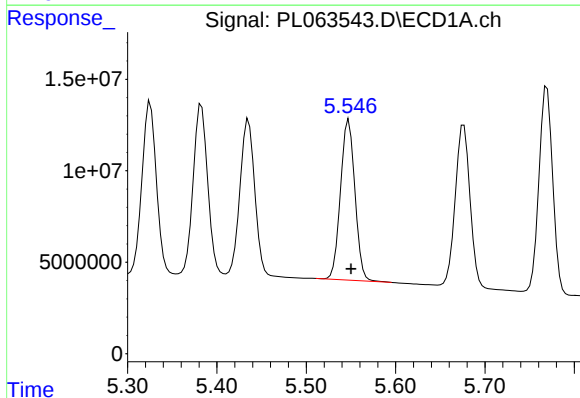
R.T.: 5.383 min  
Delta R.T.: -0.002 min  
Response: 109919550  
Conc: 59.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
KENS-B6-121020-0-6MSD



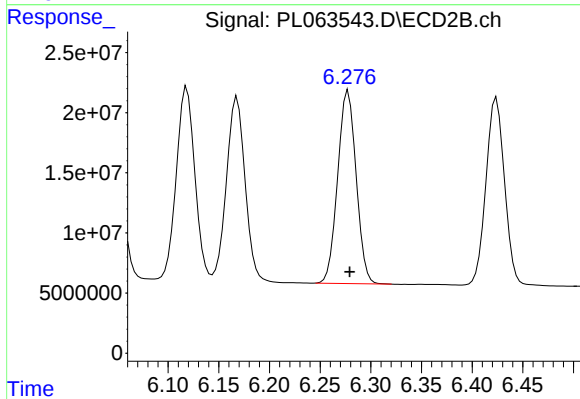
#11 alpha-Chlordane

R.T.: 6.118 min  
Delta R.T.: -0.002 min  
Response: 203613917  
Conc: 57.45 ng/ml



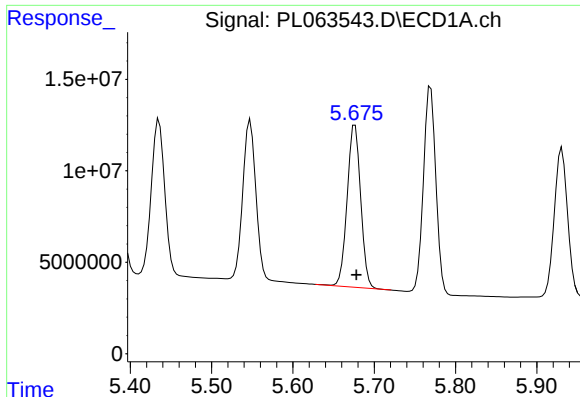
#12 4,4'-DDE

R.T.: 5.548 min  
Delta R.T.: -0.002 min  
Response: 98166530  
Conc: 57.80 ng/ml



#12 4,4'-DDE

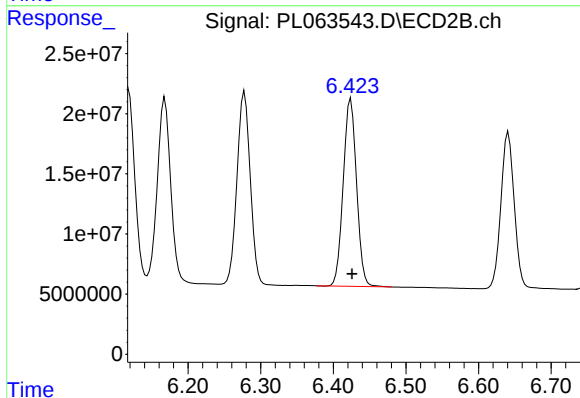
R.T.: 6.278 min  
Delta R.T.: -0.001 min  
Response: 203364943  
Conc: 58.07 ng/ml



#13 Dieldrin

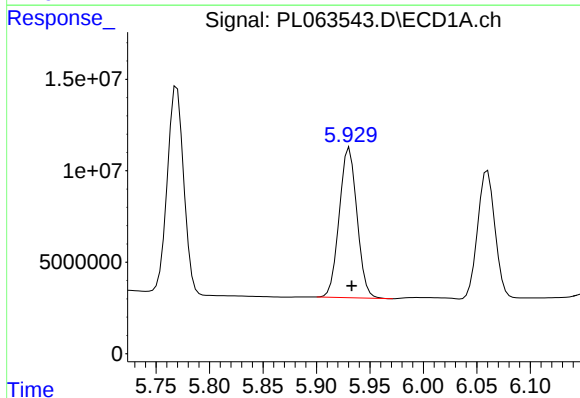
R.T.: 5.676 min  
Delta R.T.: -0.002 min  
Response: 101982753  
Conc: 56.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
KENS-B6-121020-0-6MSD



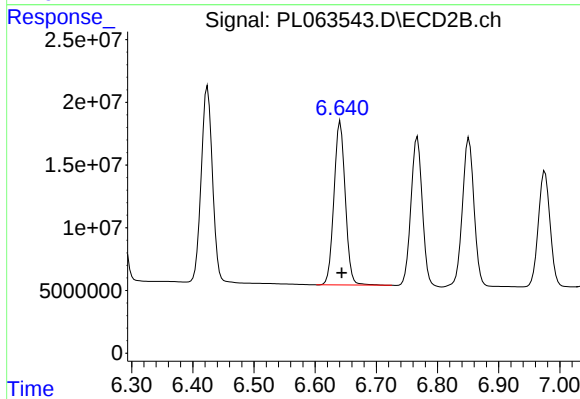
#13 Dieldrin

R.T.: 6.424 min  
Delta R.T.: -0.002 min  
Response: 199202759  
Conc: 57.98 ng/ml



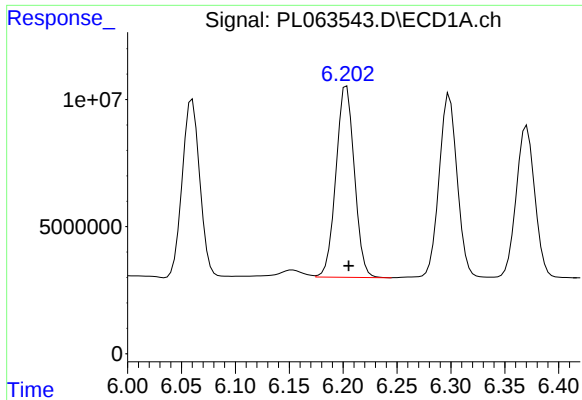
#14 Endrin

R.T.: 5.931 min  
Delta R.T.: -0.002 min  
Response: 94788331  
Conc: 56.48 ng/ml



#14 Endrin

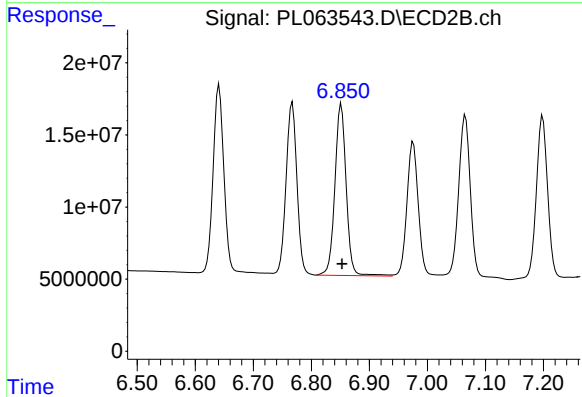
R.T.: 6.641 min  
Delta R.T.: -0.002 min  
Response: 167204865  
Conc: 57.16 ng/ml



#15 Endosulfan II

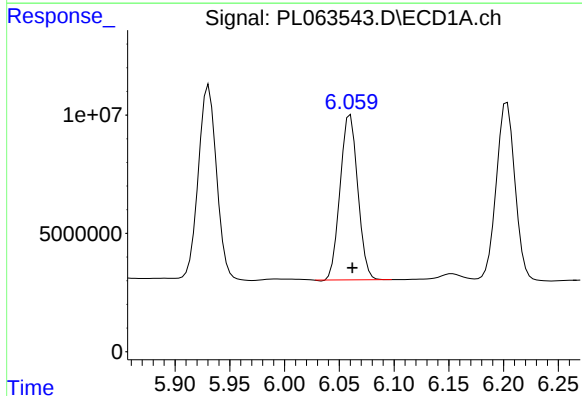
R.T.: 6.203 min  
Delta R.T.: -0.002 min  
Response: 89451582  
Conc: 50.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
KENS-B6-121020-0-6MSD



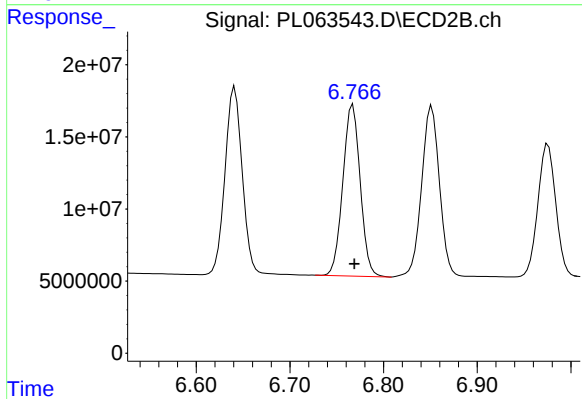
#15 Endosulfan II

R.T.: 6.852 min  
Delta R.T.: -0.001 min  
Response: 161367929  
Conc: 50.66 ng/ml



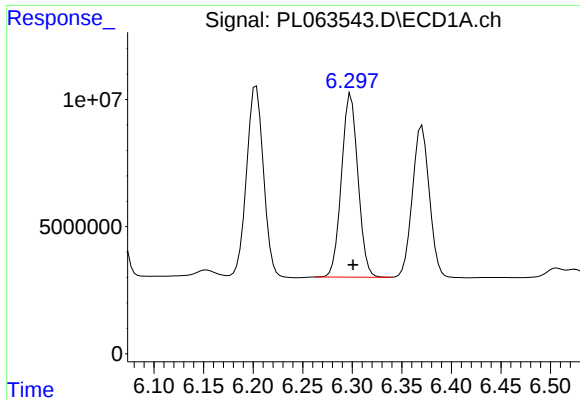
#16 4,4'-DDD

R.T.: 6.060 min  
Delta R.T.: -0.002 min  
Response: 78161272  
Conc: 52.07 ng/ml



#16 4,4'-DDD

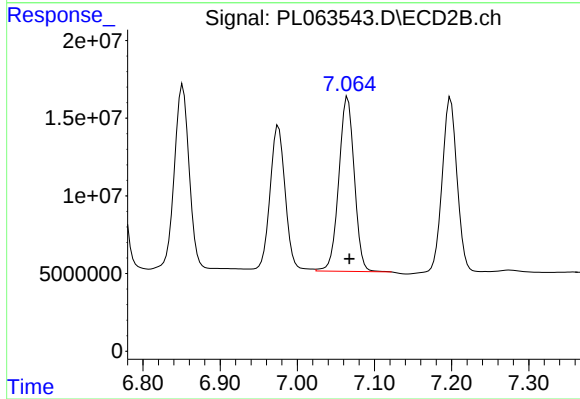
R.T.: 6.767 min  
Delta R.T.: -0.002 min  
Response: 153259835  
Conc: 56.54 ng/ml



#17 4,4'-DDT

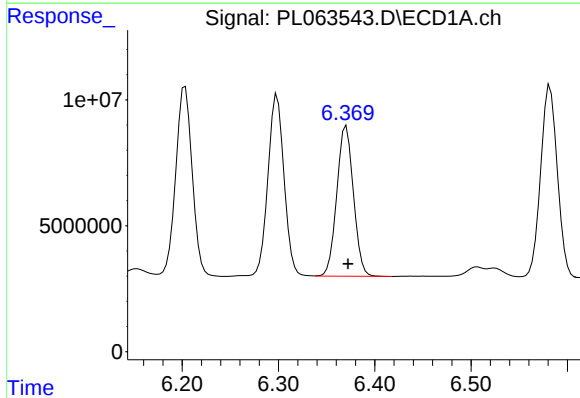
R.T.: 6.299 min  
Delta R.T.: -0.002 min  
Response: 83633925  
Conc: 60.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
KENS-B6-121020-0-6MSD



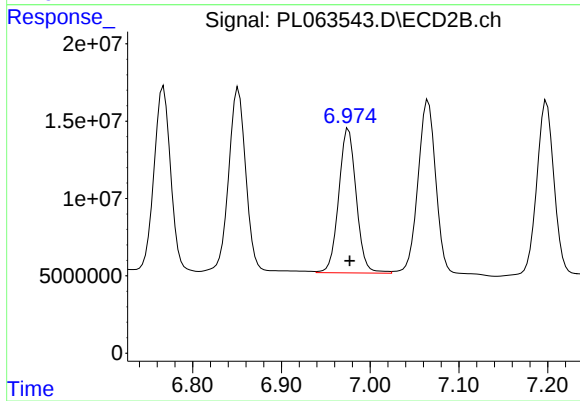
#17 4,4'-DDT

R.T.: 7.065 min  
Delta R.T.: -0.002 min  
Response: 156141443  
Conc: 61.07 ng/ml



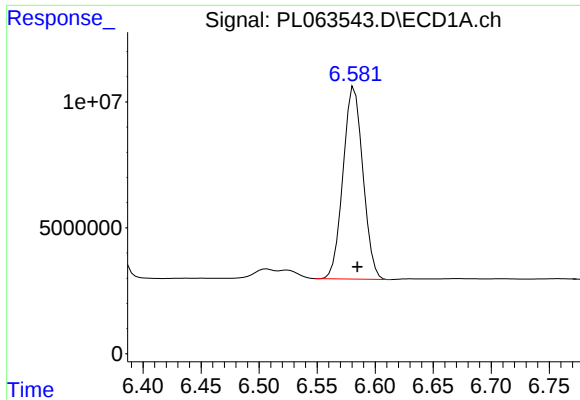
#18 Endrin aldehyde

R.T.: 6.370 min  
Delta R.T.: -0.002 min  
Response: 71548044  
Conc: 46.68 ng/ml



#18 Endrin aldehyde

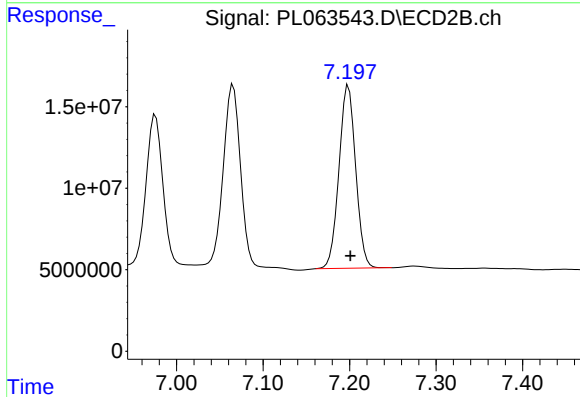
R.T.: 6.976 min  
Delta R.T.: -0.001 min  
Response: 128111464  
Conc: 50.20 ng/ml



#19 Endosulfan Sulfate

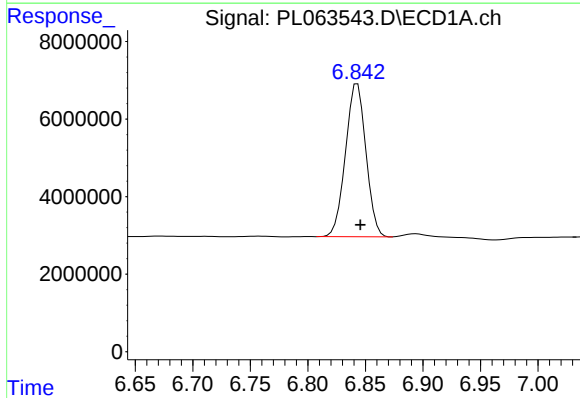
R.T.: 6.582 min  
Delta R.T.: -0.003 min  
Response: 91030124  
Conc: 53.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
KENS-B6-121020-0-6MSD



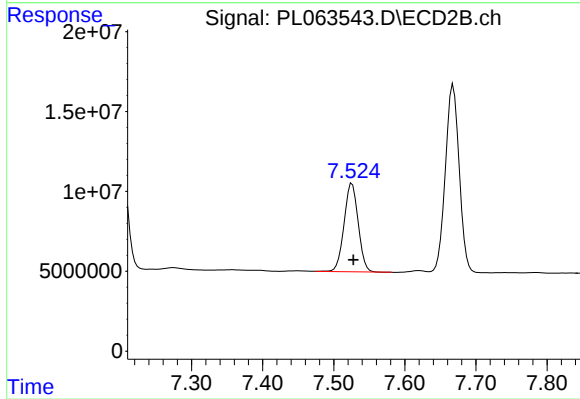
#19 Endosulfan Sulfate

R.T.: 7.199 min  
Delta R.T.: -0.002 min  
Response: 149764849  
Conc: 53.84 ng/ml



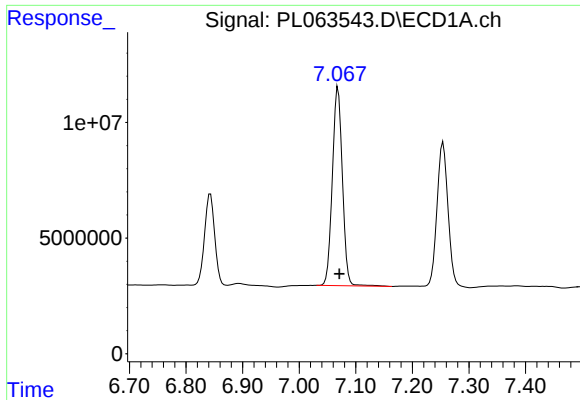
#20 Methoxychlor

R.T.: 6.843 min  
Delta R.T.: -0.003 min  
Response: 48986887  
Conc: 55.05 ng/ml



#20 Methoxychlor

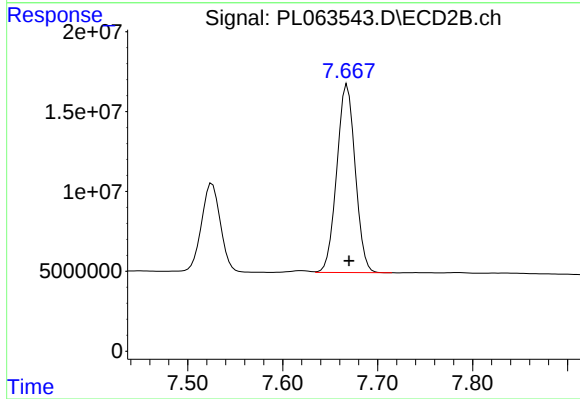
R.T.: 7.526 min  
Delta R.T.: -0.002 min  
Response: 76450432  
Conc: 54.82 ng/ml



#21 Endrin ketone

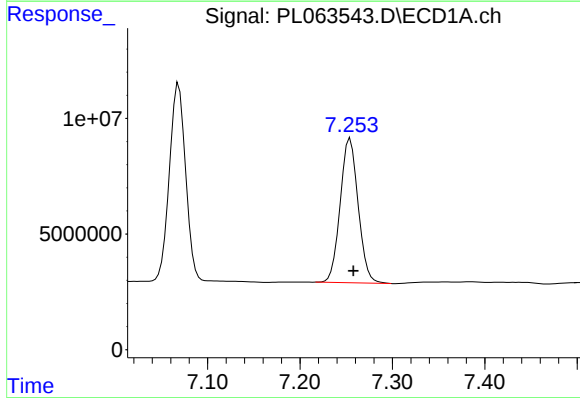
R.T.: 7.069 min  
Delta R.T.: -0.002 min  
Response: 106203438  
Conc: 53.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
KENS-B6-121020-0-6MSD



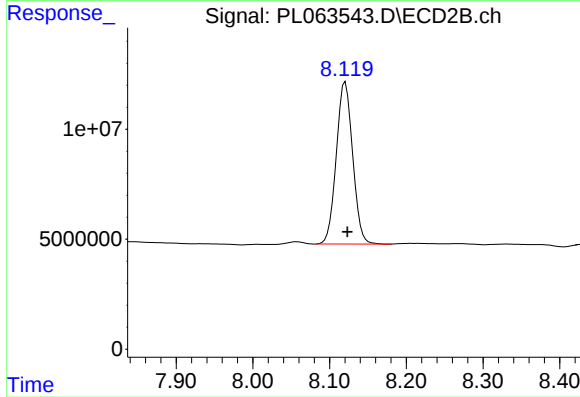
#21 Endrin ketone

R.T.: 7.668 min  
Delta R.T.: -0.002 min  
Response: 159419640  
Conc: 54.66 ng/ml



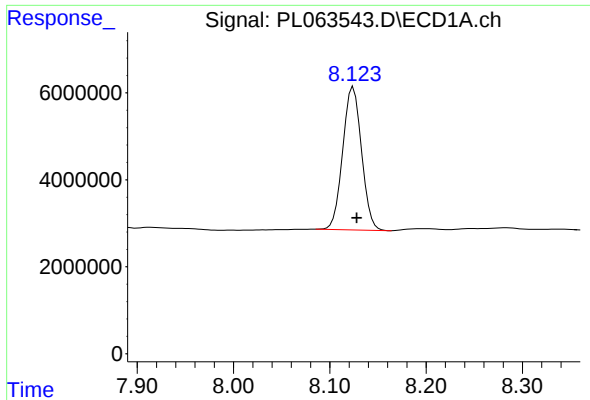
#22 Mirex

R.T.: 7.254 min  
Delta R.T.: -0.003 min  
Response: 84365486  
Conc: 53.14 ng/ml



#22 Mirex

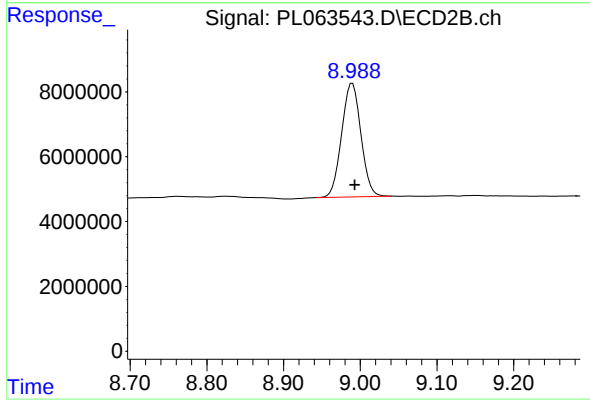
R.T.: 8.120 min  
Delta R.T.: -0.003 min  
Response: 109410700  
Conc: 54.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.124 min  
Delta R.T.: -0.004 min  
Response: 44514741  
Conc: 22.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
KENS-B6-121020-0-6MSD



#28 Decachlorobiphenyl

R.T.: 8.990 min  
Delta R.T.: -0.003 min  
Response: 61479578  
Conc: 24.41 ng/ml