

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050219\  
 Data File : PL048154.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 May 2019 20:04  
 Operator : AJ\SJ  
 Sample : K2204-06MSD  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TR-04-043019MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 03 01:03:51 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL050119.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 02 09:36:55 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 x0.5µm

|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-----------------|-------|-------|---------|----------|--------|--------|
| -----                       |                 |       |       |         |          |        |        |
| System Monitoring Compounds |                 |       |       |         |          |        |        |
| 1)                          | SA Tetrachlo... | 3.328 | 3.940 | 208.4E6 | 57179481 | 21.512 | 22.955 |
| 2)                          | SA Decachlor... | 7.996 | 8.977 | 207.9E6 | 57413878 | 20.681 | 21.631 |
| Target Compounds            |                 |       |       |         |          |        |        |
| 2)                          | A alpha-BHC     | 3.756 | 4.328 | 916.7E6 | 220.7E6  | 59.265 | 62.839 |
| 3)                          | MA gamma-BHC... | 4.032 | 4.612 | 847.1E6 | 205.9E6  | 59.614 | 63.035 |
| 4)                          | MA Heptachlor   | 4.317 | 5.115 | 864.1E6 | 211.6E6  | 58.736 | 61.119 |
| 5)                          | MB Aldrin       | 4.556 | 5.418 | 798.8E6 | 187.8E6  | 58.303 | 60.644 |
| 6)                          | B beta-BHC      | 4.285 | 4.786 | 342.7E6 | 90148181 | 58.071 | 57.935 |
| 7)                          | B delta-BHC     | 4.479 | 5.000 | 781.0E6 | 174.3E6  | 55.318 | 61.637 |
| 8)                          | B Heptachlo...  | 4.992 | 5.805 | 758.0E6 | 178.2E6  | 58.833 | 61.083 |
| 9)                          | A Endosulfan I  | 5.323 | 6.160 | 706.2E6 | 168.5E6  | 58.702 | 59.589 |
| 10)                         | B gamma-Chl...  | 5.215 | 6.038 | 778.1E6 | 185.8E6  | 58.273 | 60.344 |
| 11)                         | B alpha-Chl...  | 5.271 | 6.110 | 754.0E6 | 181.9E6  | 57.672 | 59.273 |
| 12)                         | B 4,4'-DDE      | 5.438 | 6.270 | 736.3E6 | 169.1E6  | 58.047 | 61.255 |
| 13)                         | MA Dieldrin     | 5.562 | 6.416 | 771.3E6 | 176.8E6  | 59.235 | 60.281 |
| 14)                         | MA Endrin       | 5.815 | 6.633 | 700.9E6 | 153.7E6  | 57.574 | 58.954 |
| 15)                         | B Endosulfa...  | 6.090 | 6.844 | 640.7E6 | 153.2E6  | 55.521 | 56.815 |
| 16)                         | A 4,4'-DDD      | 5.949 | 6.760 | 581.7E6 | 137.5E6  | 59.762 | 61.258 |
| 17)                         | MA 4,4'-DDT     | 6.184 | 7.057 | 553.6E6 | 133.3E6  | 55.103 | 56.794 |
| 18)                         | B Endrin al...  | 6.256 | 6.968 | 540.7E6 | 129.6E6  | 55.633 | 55.319 |
| 19)                         | B Endosulfa...  | 6.468 | 7.191 | 621.3E6 | 155.7E6  | 57.886 | 60.163 |
| 20)                         | A Methoxychlor  | 6.729 | 7.517 | 284.6E6 | 75968960 | 52.273 | 55.648 |
| 21)                         | B Endrin ke...  | 6.950 | 7.660 | 641.2E6 | 158.3E6  | 55.011 | 60.583 |
| 22)                         | Mirex           | 7.124 | 8.110 | 462.3E6 | 122.0E6  | 51.575 | 57.833 |
| -----                       |                 |       |       |         |          |        |        |

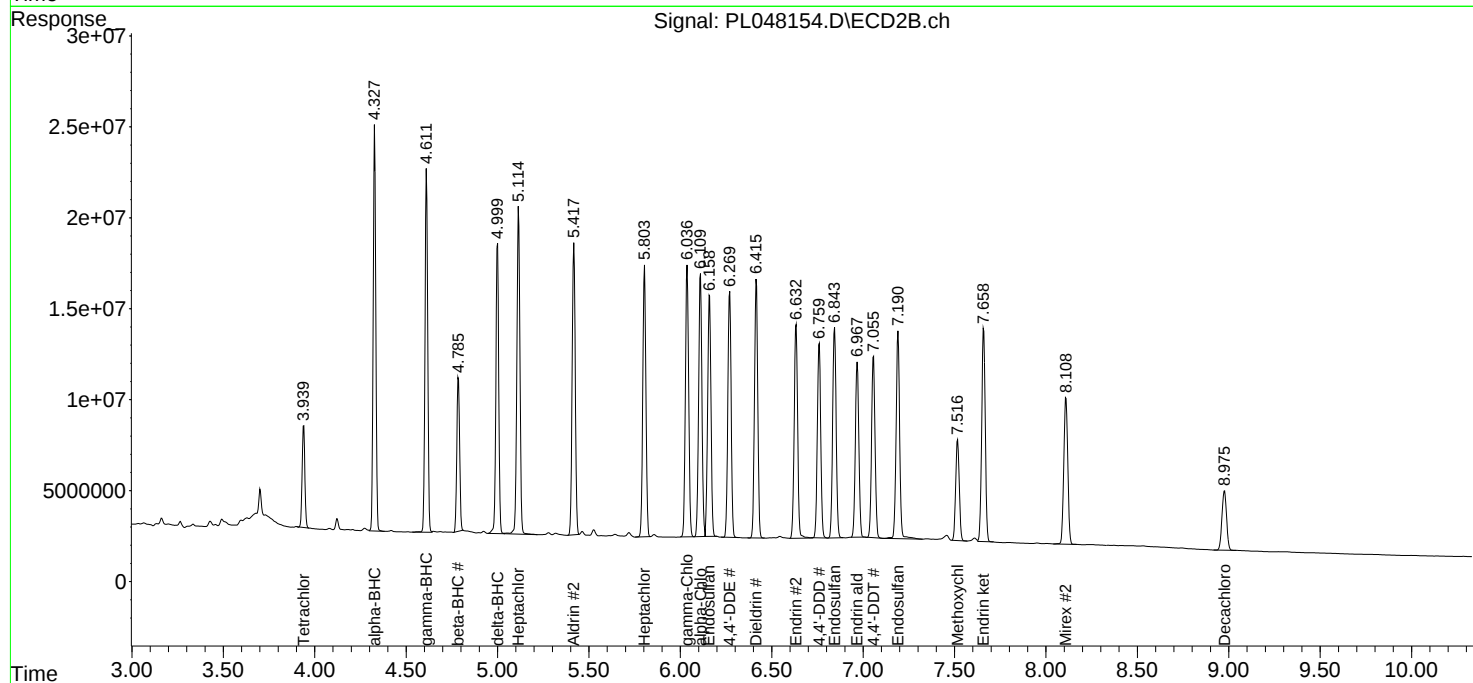
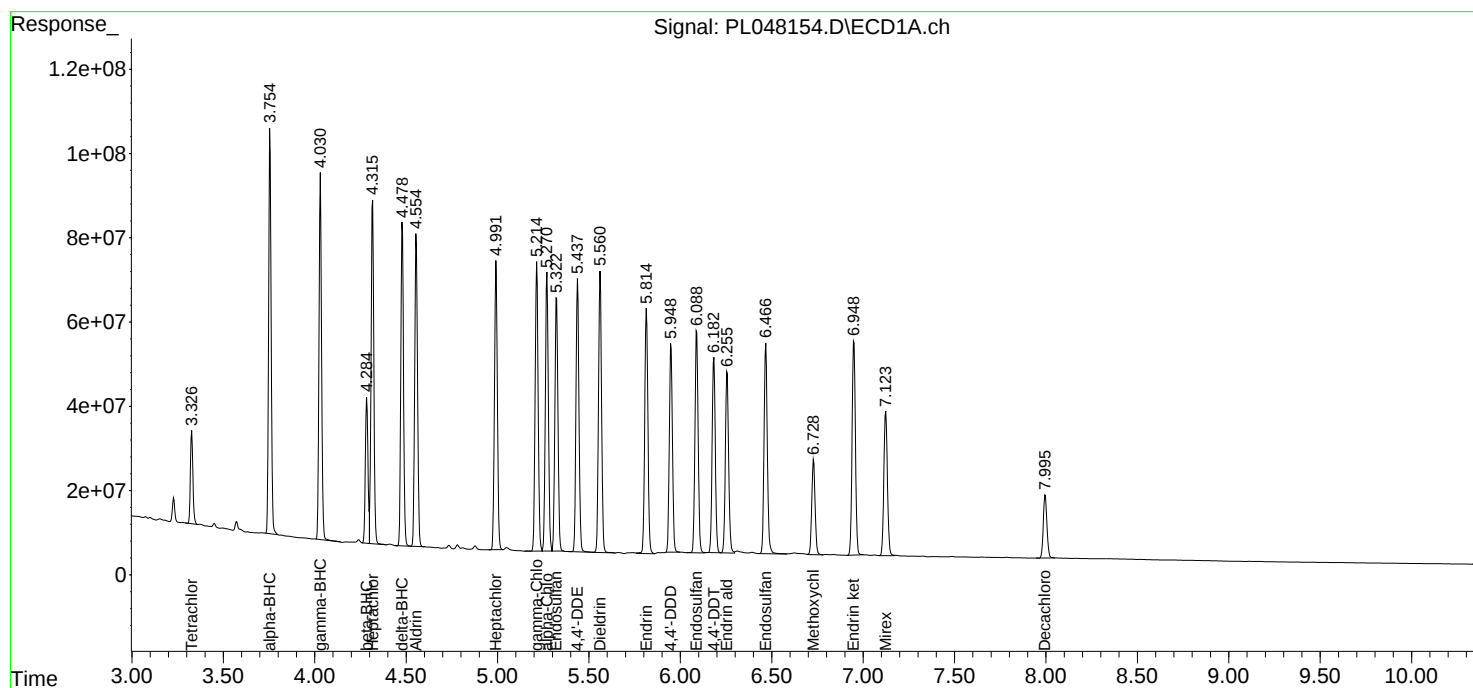
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

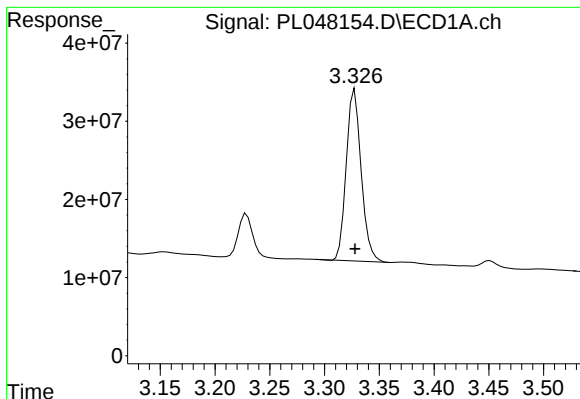
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050219\  
Data File : PL048154.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 May 2019 20:04  
Operator : AJ\SJ  
Sample : K2204-06MSD  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
TR-04-043019MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 03 01:03:51 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL050119.M  
Quant Title : GC Extractables  
QLast Update : Thu May 02 09:36:55 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 x0.5µm

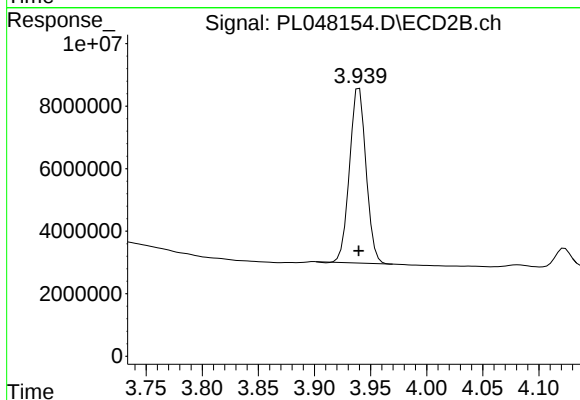




#1 Tetrachloro-m-xylene

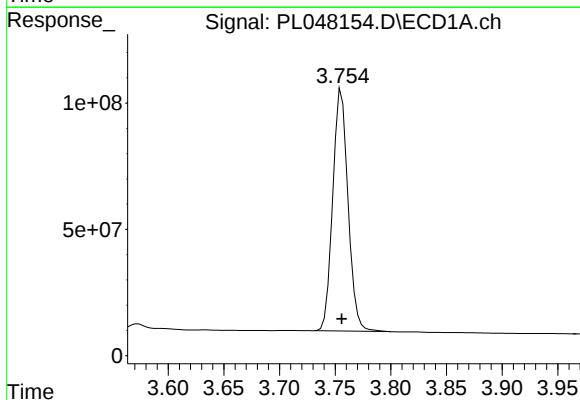
R.T.: 3.328 min  
Delta R.T.: 0.000 min  
Response: 208381213  
Conc: 21.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-04-043019MSD



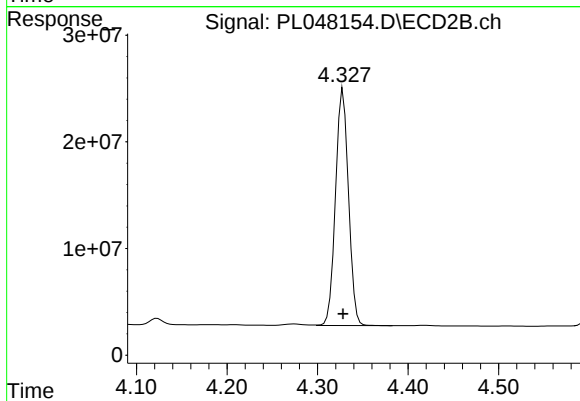
#1 Tetrachloro-m-xylene

R.T.: 3.940 min  
Delta R.T.: 0.000 min  
Response: 57179481  
Conc: 22.96 ng/ml



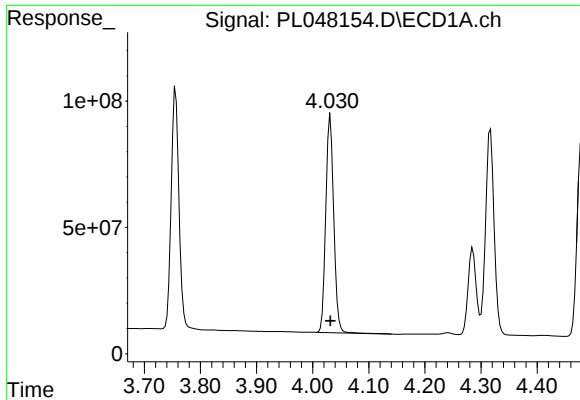
#2 alpha-BHC

R.T.: 3.756 min  
Delta R.T.: 0.000 min  
Response: 916688041  
Conc: 59.27 ng/ml



#2 alpha-BHC

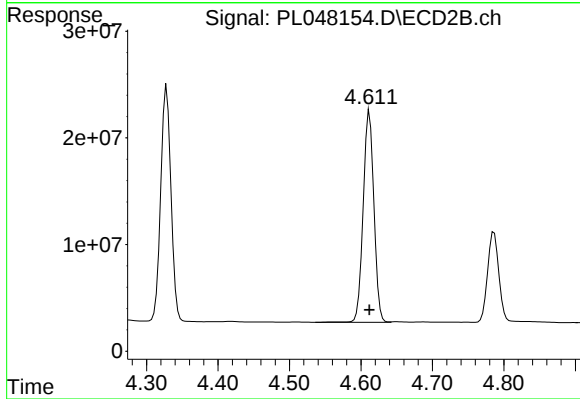
R.T.: 4.328 min  
Delta R.T.: 0.000 min  
Response: 220690863  
Conc: 62.84 ng/ml



#3 gamma-BHC (Lindane)

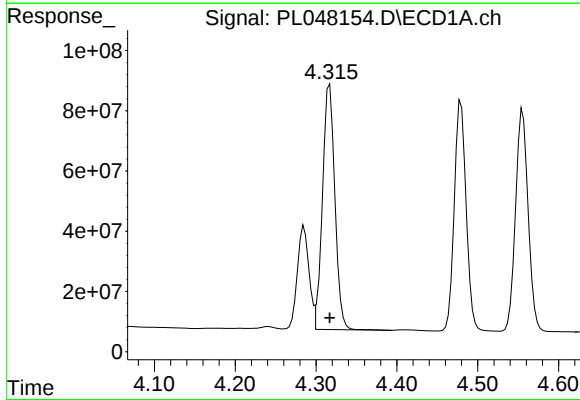
R.T.: 4.032 min  
Delta R.T.: 0.000 min  
Response: 847065609  
Conc: 59.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-04-043019MSD



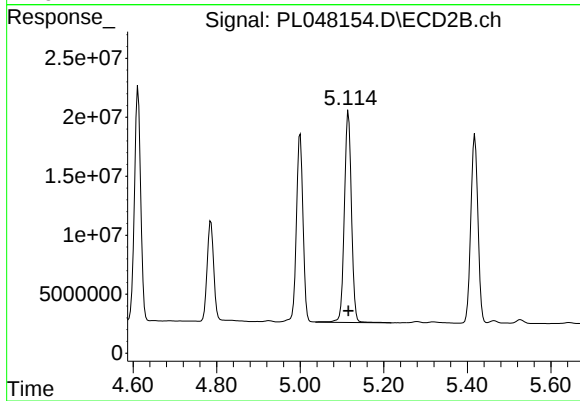
#3 gamma-BHC (Lindane)

R.T.: 4.612 min  
Delta R.T.: 0.000 min  
Response: 205883060  
Conc: 63.04 ng/ml



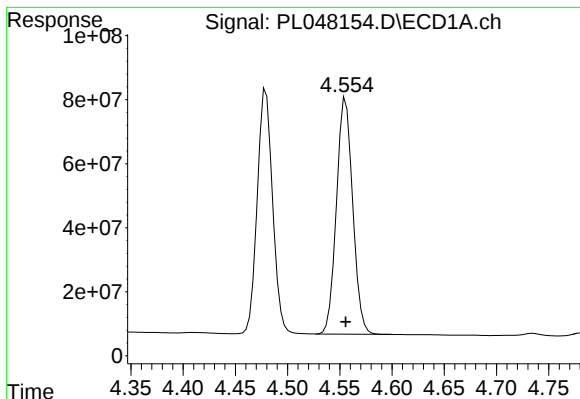
#4 Heptachlor

R.T.: 4.317 min  
Delta R.T.: 0.000 min  
Response: 864123794  
Conc: 58.74 ng/ml



#4 Heptachlor

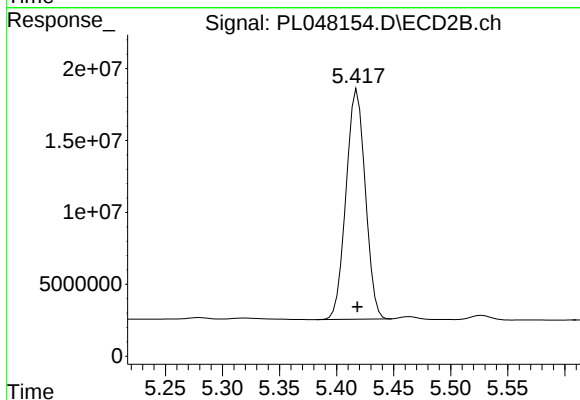
R.T.: 5.115 min  
Delta R.T.: 0.000 min  
Response: 211581823  
Conc: 61.12 ng/ml



#5 Aldrin

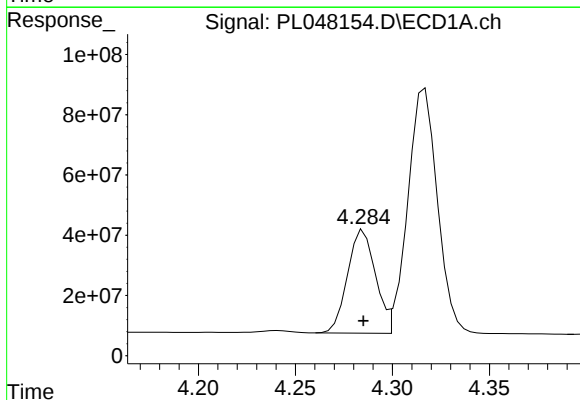
R.T.: 4.556 min  
Delta R.T.: 0.000 min  
Response: 798837858  
Conc: 58.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-04-043019MSD



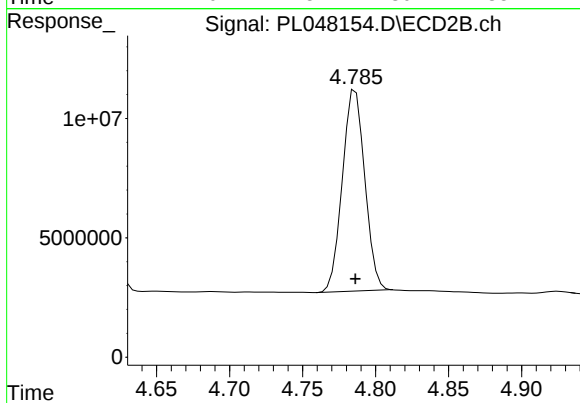
#5 Aldrin

R.T.: 5.418 min  
Delta R.T.: 0.000 min  
Response: 187792369  
Conc: 60.64 ng/ml



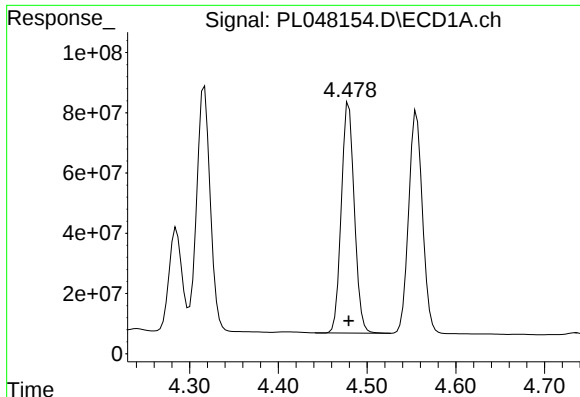
#6 beta-BHC

R.T.: 4.285 min  
Delta R.T.: 0.000 min  
Response: 342713763  
Conc: 58.07 ng/ml



#6 beta-BHC

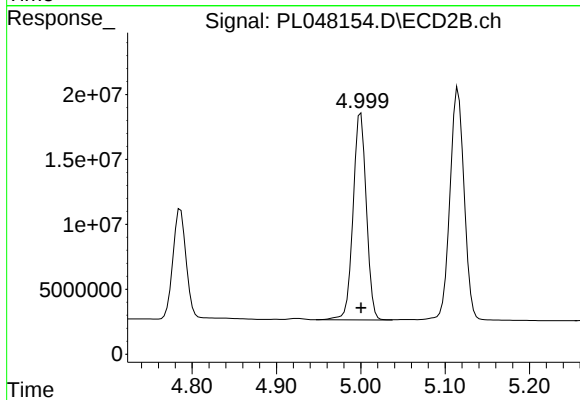
R.T.: 4.786 min  
Delta R.T.: 0.000 min  
Response: 90148181  
Conc: 57.94 ng/ml



#7 delta-BHC

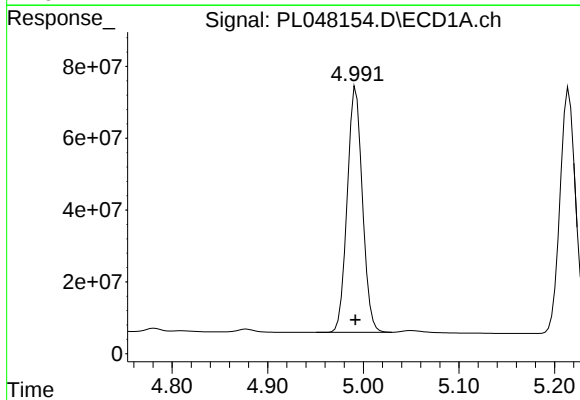
R.T.: 4.479 min  
Delta R.T.: 0.000 min  
Response: 781023644  
Conc: 55.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-04-043019MSD



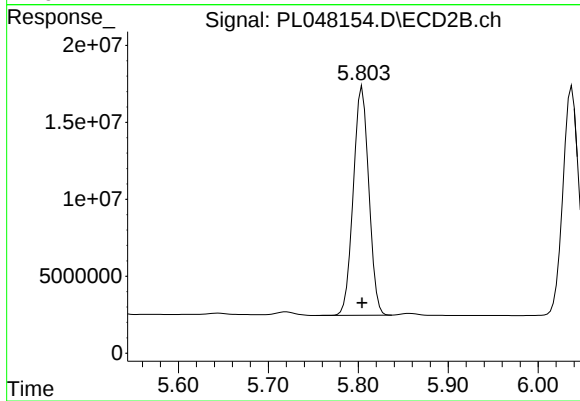
#7 delta-BHC

R.T.: 5.000 min  
Delta R.T.: 0.000 min  
Response: 174302003  
Conc: 61.64 ng/ml



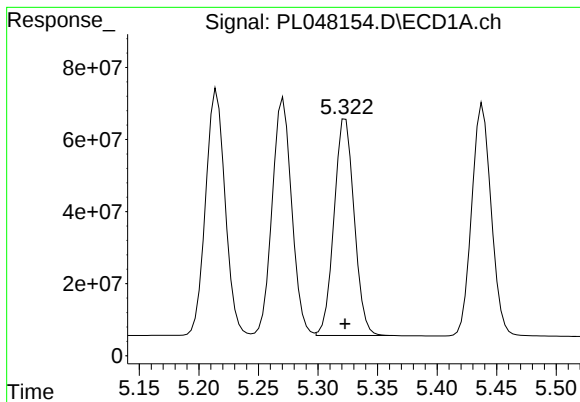
#8 Heptachlor epoxide

R.T.: 4.992 min  
Delta R.T.: 0.000 min  
Response: 758043705  
Conc: 58.83 ng/ml



#8 Heptachlor epoxide

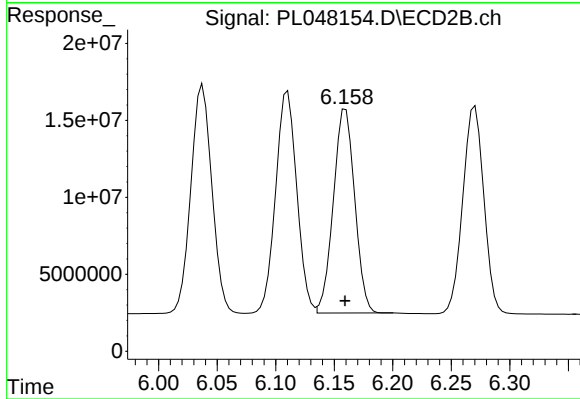
R.T.: 5.805 min  
Delta R.T.: 0.000 min  
Response: 178161869  
Conc: 61.08 ng/ml



#9 Endosulfan I

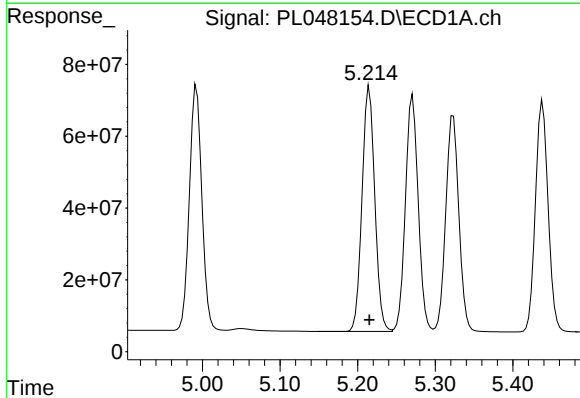
R.T.: 5.323 min  
Delta R.T.: 0.000 min  
Response: 706174639  
Conc: 58.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-04-043019MSD



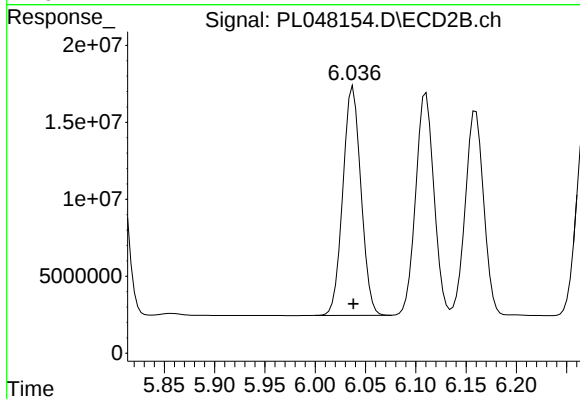
#9 Endosulfan I

R.T.: 6.160 min  
Delta R.T.: 0.000 min  
Response: 168486595  
Conc: 59.59 ng/ml



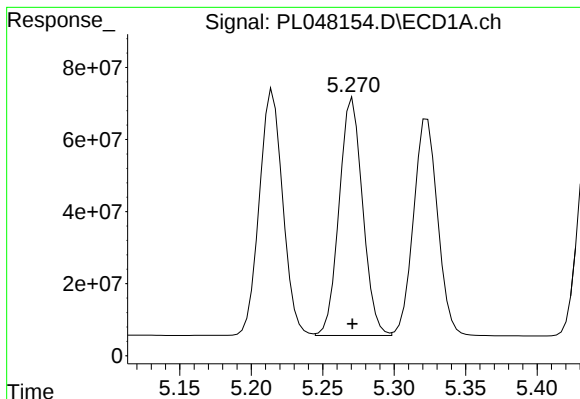
#10 gamma-Chlordane

R.T.: 5.215 min  
Delta R.T.: 0.000 min  
Response: 778079573  
Conc: 58.27 ng/ml



#10 gamma-Chlordane

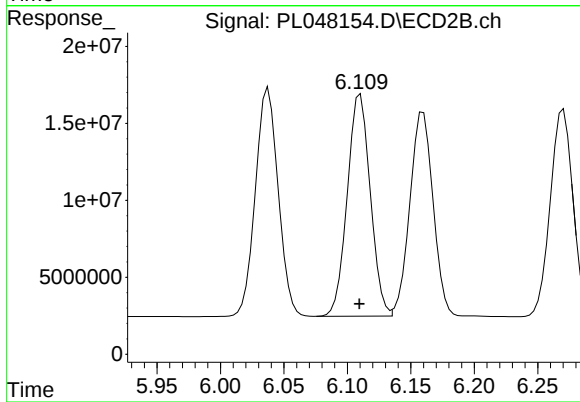
R.T.: 6.038 min  
Delta R.T.: 0.000 min  
Response: 185778616  
Conc: 60.34 ng/ml



#11 alpha-Chlordane

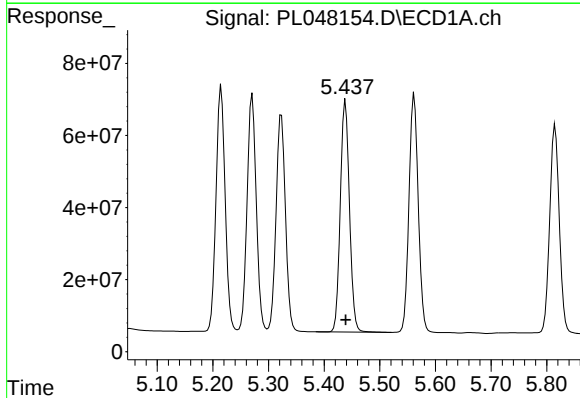
R.T.: 5.271 min  
Delta R.T.: 0.000 min  
Response: 753974847  
Conc: 57.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-04-043019MSD



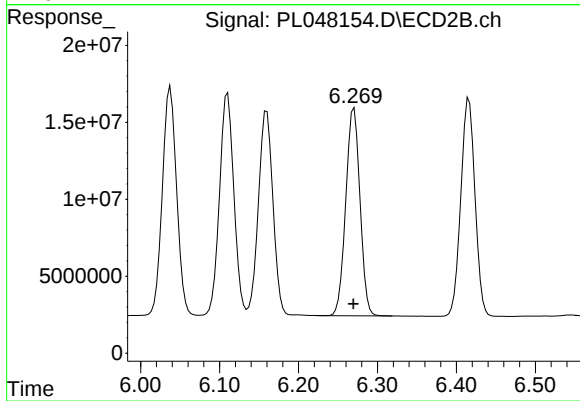
#11 alpha-Chlordane

R.T.: 6.110 min  
Delta R.T.: 0.000 min  
Response: 181865217  
Conc: 59.27 ng/ml



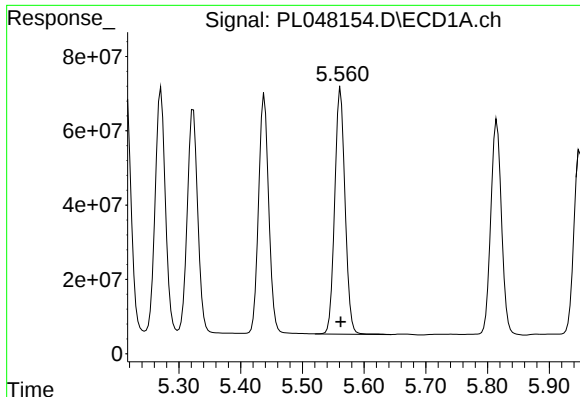
#12 4,4'-DDE

R.T.: 5.438 min  
Delta R.T.: 0.000 min  
Response: 736341984  
Conc: 58.05 ng/ml



#12 4,4'-DDE

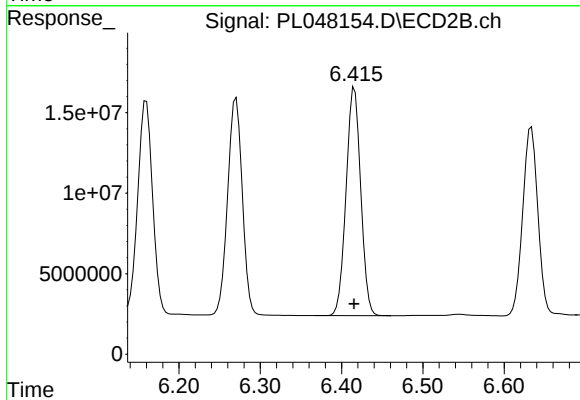
R.T.: 6.270 min  
Delta R.T.: 0.000 min  
Response: 169120902  
Conc: 61.26 ng/ml



#13 Dieldrin

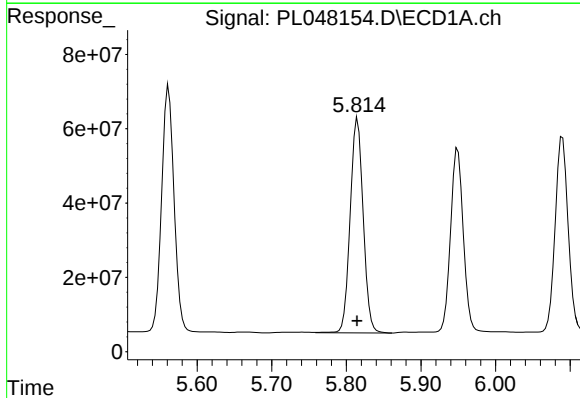
R.T.: 5.562 min  
Delta R.T.: 0.000 min  
Response: 771280951  
Conc: 59.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-04-043019MSD



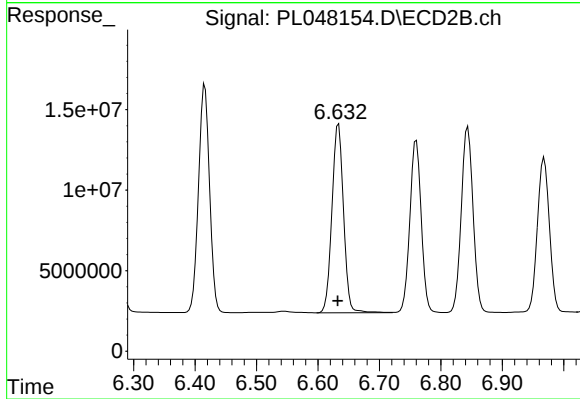
#13 Dieldrin

R.T.: 6.416 min  
Delta R.T.: 0.000 min  
Response: 176843981  
Conc: 60.28 ng/ml



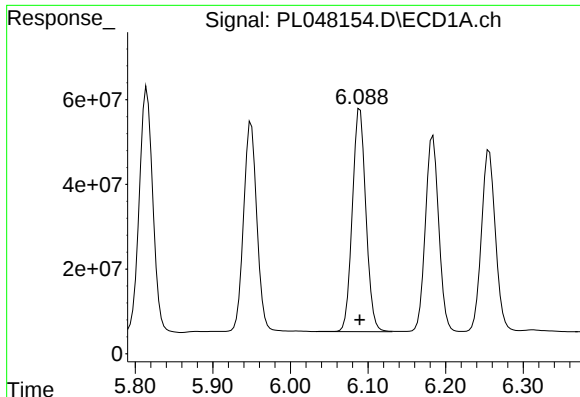
#14 Endrin

R.T.: 5.815 min  
Delta R.T.: 0.000 min  
Response: 700907286  
Conc: 57.57 ng/ml



#14 Endrin

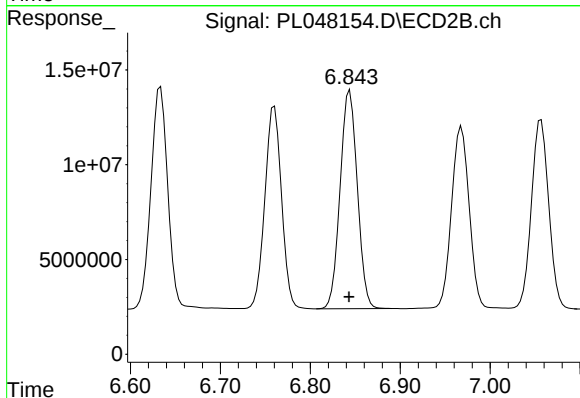
R.T.: 6.633 min  
Delta R.T.: 0.001 min  
Response: 153716398  
Conc: 58.95 ng/ml



#15 Endosulfan II

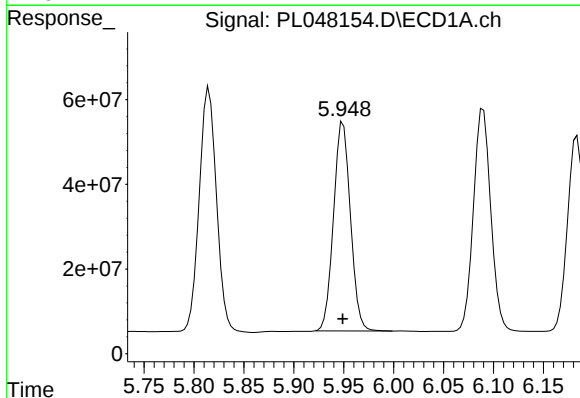
R.T.: 6.090 min  
Delta R.T.: 0.000 min  
Response: 640745507  
Conc: 55.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-04-043019MSD



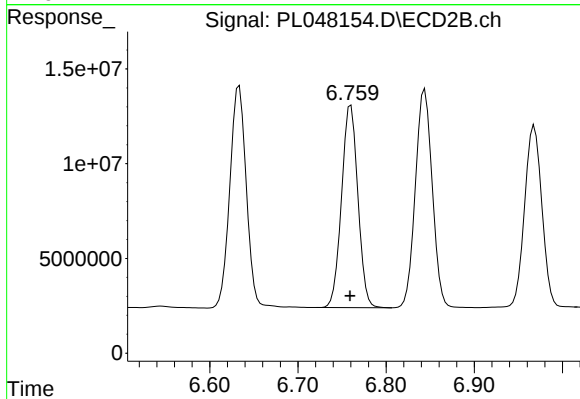
#15 Endosulfan II

R.T.: 6.844 min  
Delta R.T.: 0.000 min  
Response: 153207917  
Conc: 56.82 ng/ml



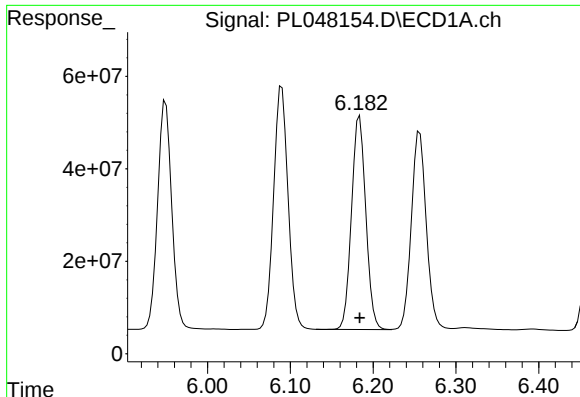
#16 4,4'-DDD

R.T.: 5.949 min  
Delta R.T.: 0.000 min  
Response: 581727031  
Conc: 59.76 ng/ml



#16 4,4'-DDD

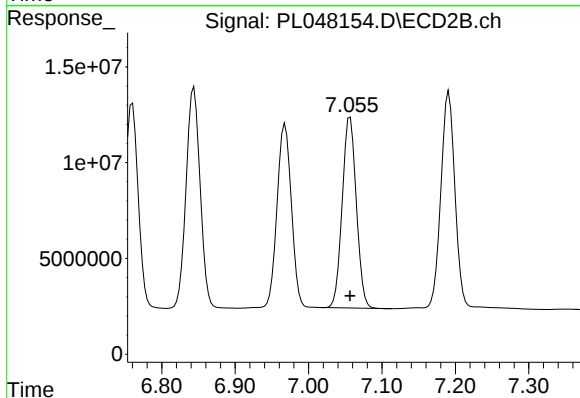
R.T.: 6.760 min  
Delta R.T.: 0.000 min  
Response: 137466150  
Conc: 61.26 ng/ml



#17 4,4'-DDT

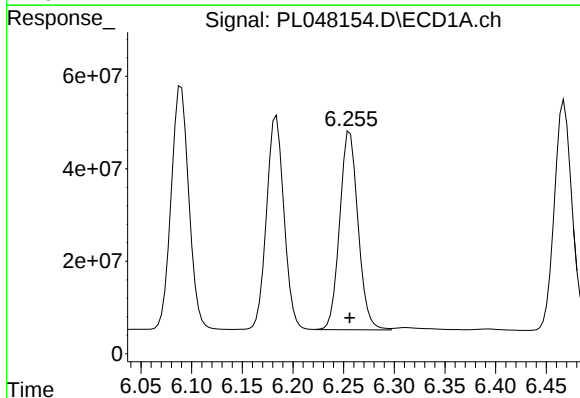
R.T.: 6.184 min  
Delta R.T.: 0.000 min  
Response: 553592164  
Conc: 55.10 ng/ml

Instrument :  
ECD\_L  
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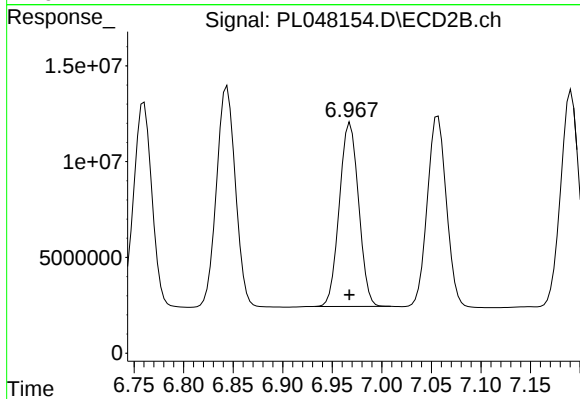
#17 4,4'-DDT

R.T.: 7.057 min  
Delta R.T.: 0.000 min  
Response: 133273004  
Conc: 56.79 ng/ml



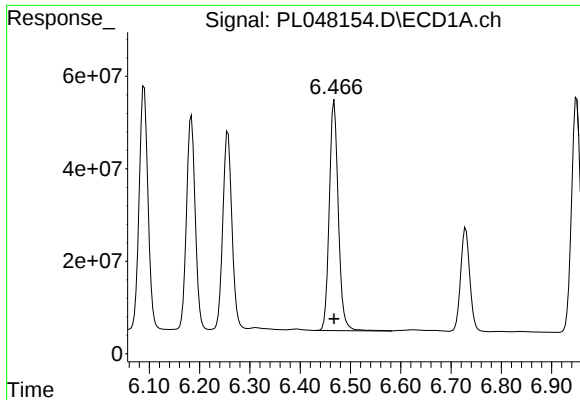
#18 Endrin aldehyde

R.T.: 6.256 min  
Delta R.T.: 0.000 min  
Response: 540654154  
Conc: 55.63 ng/ml



#18 Endrin aldehyde

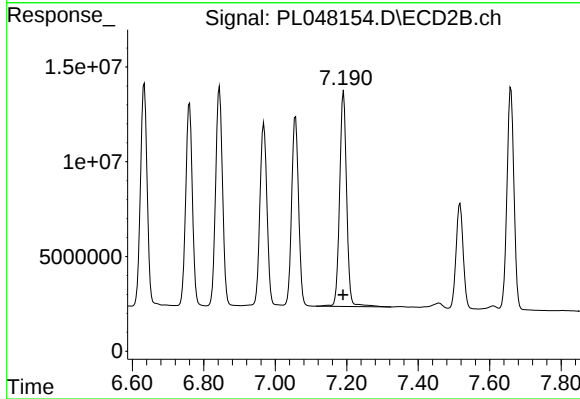
R.T.: 6.968 min  
Delta R.T.: 0.000 min  
Response: 129637198  
Conc: 55.32 ng/ml



#19 Endosulfan Sulfate

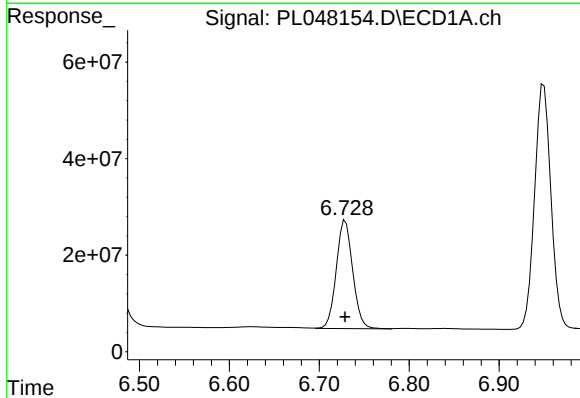
R.T.: 6.468 min  
Delta R.T.: 0.000 min  
Response: 621264421  
Conc: 57.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-04-043019MSD



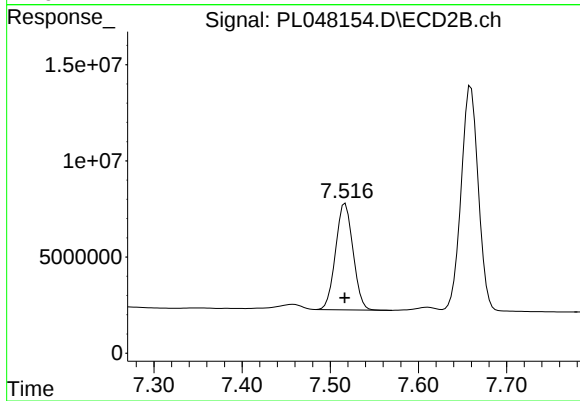
#19 Endosulfan Sulfate

R.T.: 7.191 min  
Delta R.T.: 0.001 min  
Response: 155715659  
Conc: 60.16 ng/ml



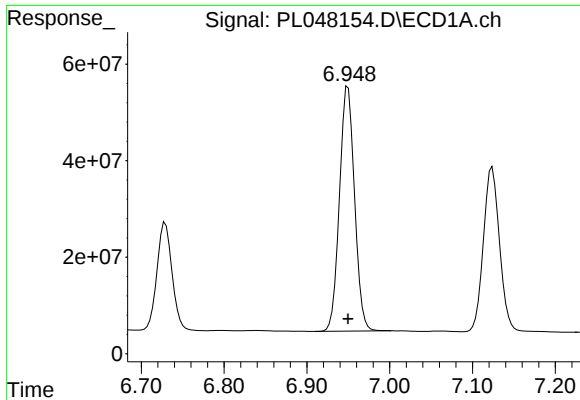
#20 Methoxychlor

R.T.: 6.729 min  
Delta R.T.: 0.000 min  
Response: 284612971  
Conc: 52.27 ng/ml



#20 Methoxychlor

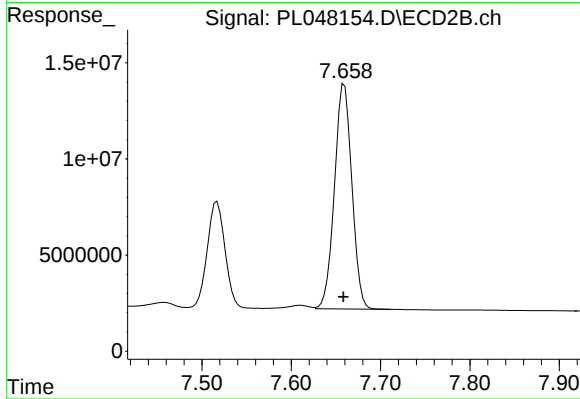
R.T.: 7.517 min  
Delta R.T.: 0.000 min  
Response: 75968960  
Conc: 55.65 ng/ml



#21 Endrin ketone

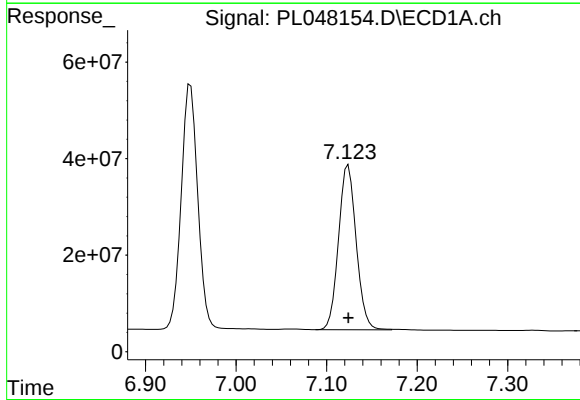
R.T.: 6.950 min  
Delta R.T.: 0.000 min  
Response: 641152852  
Conc: 55.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-04-043019MSD



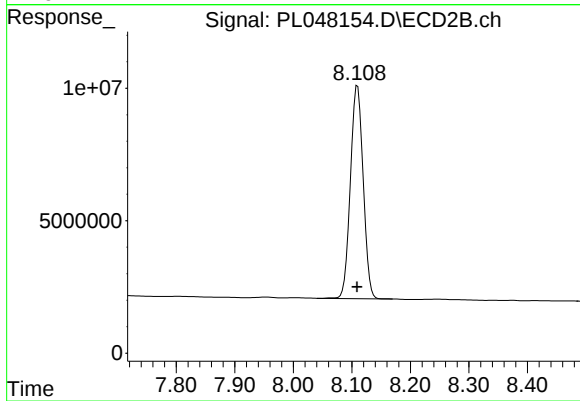
#21 Endrin ketone

R.T.: 7.660 min  
Delta R.T.: 0.001 min  
Response: 158289378  
Conc: 60.58 ng/ml



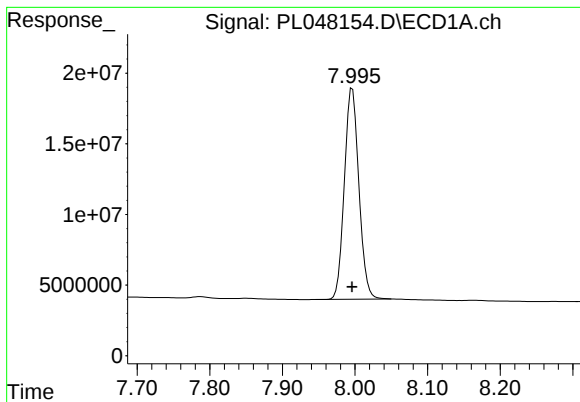
#22 Mirex

R.T.: 7.124 min  
Delta R.T.: 0.000 min  
Response: 462312616  
Conc: 51.58 ng/ml



#22 Mirex

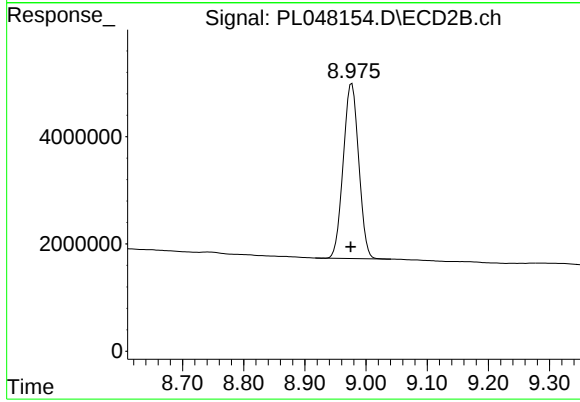
R.T.: 8.110 min  
Delta R.T.: 0.001 min  
Response: 121962656  
Conc: 57.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.996 min  
Delta R.T.: 0.000 min  
Response: 207927473  
Conc: 20.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-04-043019MSD



#28 Decachlorobiphenyl

R.T.: 8.977 min  
Delta R.T.: 0.002 min  
Response: 57413878  
Conc: 21.63 ng/ml