

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062118\  
 Data File : PL037295.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Jun 2018 10:06  
 Operator : UA\AJ  
 Sample : J3606-01MS  
 Misc :  
 ALS Vial : 74 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 FK-PS-01-030MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 22 11:00:48 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL062018.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 21 02:27:11 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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 x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|----------|--------|--------|
| -----                       |                 |       |       |          |          |        |        |
| System Monitoring Compounds |                 |       |       |          |          |        |        |
| 1)                          | SA Tetrachlo... | 3.336 | 3.937 | 160.8E6  | 59378127 | 20.322 | 21.461 |
| 2)                          | SA Decachlor... | 8.018 | 8.948 | 95600124 | 36179394 | 15.843 | 18.236 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.767 | 4.316 | 682.3E6  | 237.5E6  | 55.729 | 61.202 |
| 3)                          | MA gamma-BHC... | 4.044 | 4.595 | 599.8E6  | 208.4E6  | 58.153 | 60.352 |
| 4)                          | MA Heptachlor   | 4.329 | 5.107 | 562.4E6  | 193.9E6  | 54.895 | 56.104 |
| 5)                          | MB Aldrin       | 4.569 | 5.409 | 561.5E6  | 173.6E6  | 55.168 | 55.349 |
| 6)                          | B beta-BHC      | 4.297 | 4.756 | 249.1E6  | 92695088 | 54.620 | 57.479 |
| 7)                          | B delta-BHC     | 4.493 | 4.971 | 585.0E6  | 183.3E6  | 55.303 | 64.995 |
| 8)                          | B Heptachlo...  | 5.008 | 5.789 | 534.9E6  | 159.0E6  | 57.109 | 55.767 |
| 9)                          | A Endosulfan I  | 5.339 | 6.142 | 463.1E6  | 145.5E6  | 54.729 | 56.716 |
| 10)                         | B gamma-Chl...  | 5.231 | 6.022 | 525.9E6  | 163.8E6  | 56.151 | 58.166 |
| 11)                         | B alpha-Chl...  | 5.288 | 6.096 | 503.2E6  | 163.6E6  | 55.414 | 56.822 |
| 12)                         | B 4,4'-DDE      | 5.457 | 6.251 | 475.9E6  | 141.5E6  | 53.882 | 55.620 |
| 13)                         | MA Dieldrin     | 5.579 | 6.396 | 497.1E6  | 148.9E6  | 56.149 | 55.775 |
| 14)                         | MA Endrin       | 5.833 | 6.610 | 436.6E6  | 125.3E6  | 55.427 | 54.498 |
| 15)                         | B Endosulfa...  | 6.108 | 6.813 | 402.2E6  | 128.5E6  | 54.699 | 51.807 |
| 16)                         | A 4,4'-DDD      | 5.969 | 6.732 | 379.3E6  | 112.8E6  | 56.533 | 54.939 |
| 17)                         | MA 4,4'-DDT     | 6.203 | 7.032 | 347.1E6  | 110.0E6  | 53.757 | 51.945 |
| 18)                         | B Endrin al...  | 6.276 | 6.935 | 304.0E6  | 105.3E6  | 53.619 | 51.929 |
| 19)                         | B Endosulfa...  | 6.487 | 7.158 | 352.7E6  | 118.4E6  | 52.796 | 54.293 |
| 20)                         | A Methoxychlor  | 6.753 | 7.486 | 178.5E6  | 64143604 | 52.503 | 57.305 |
| 21)                         | B Endrin ke...  | 6.971 | 7.622 | 380.2E6  | 122.2E6  | 53.461 | 60.224 |
| -----                       |                 |       |       |          |          |        |        |

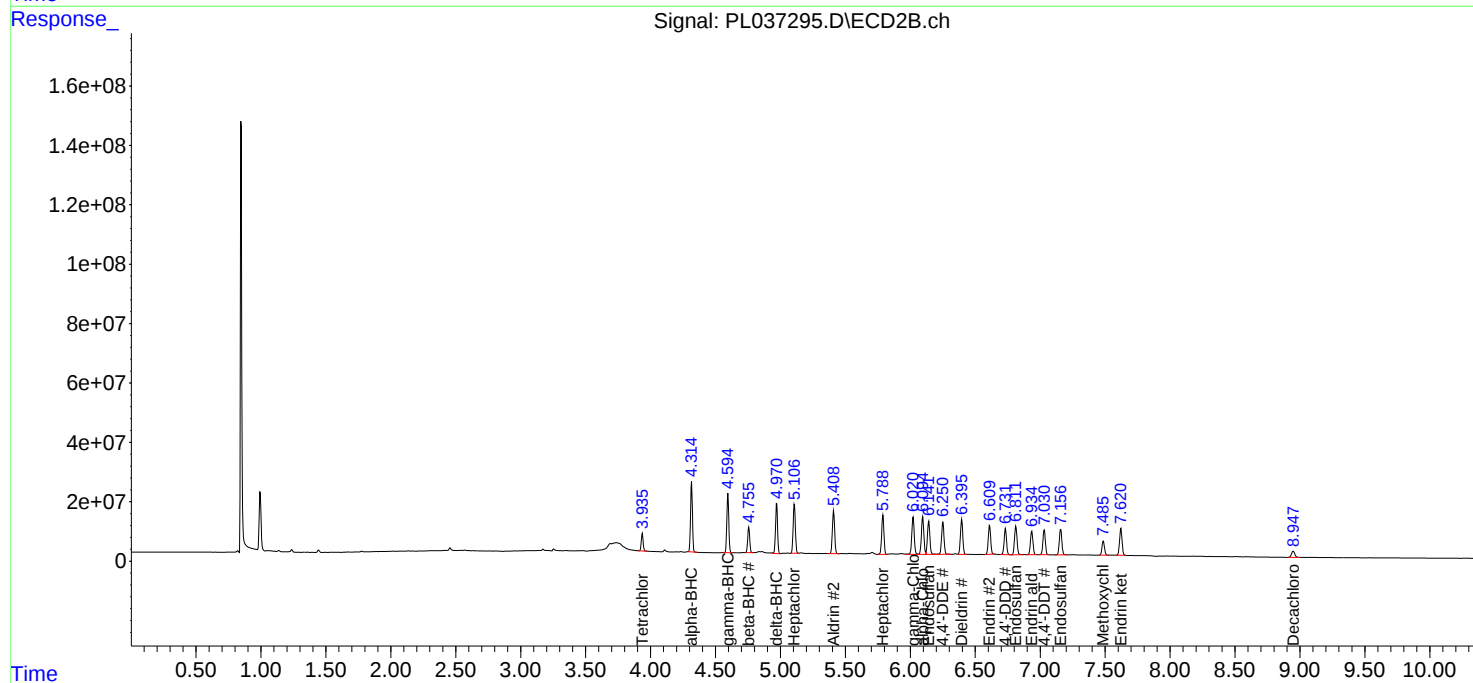
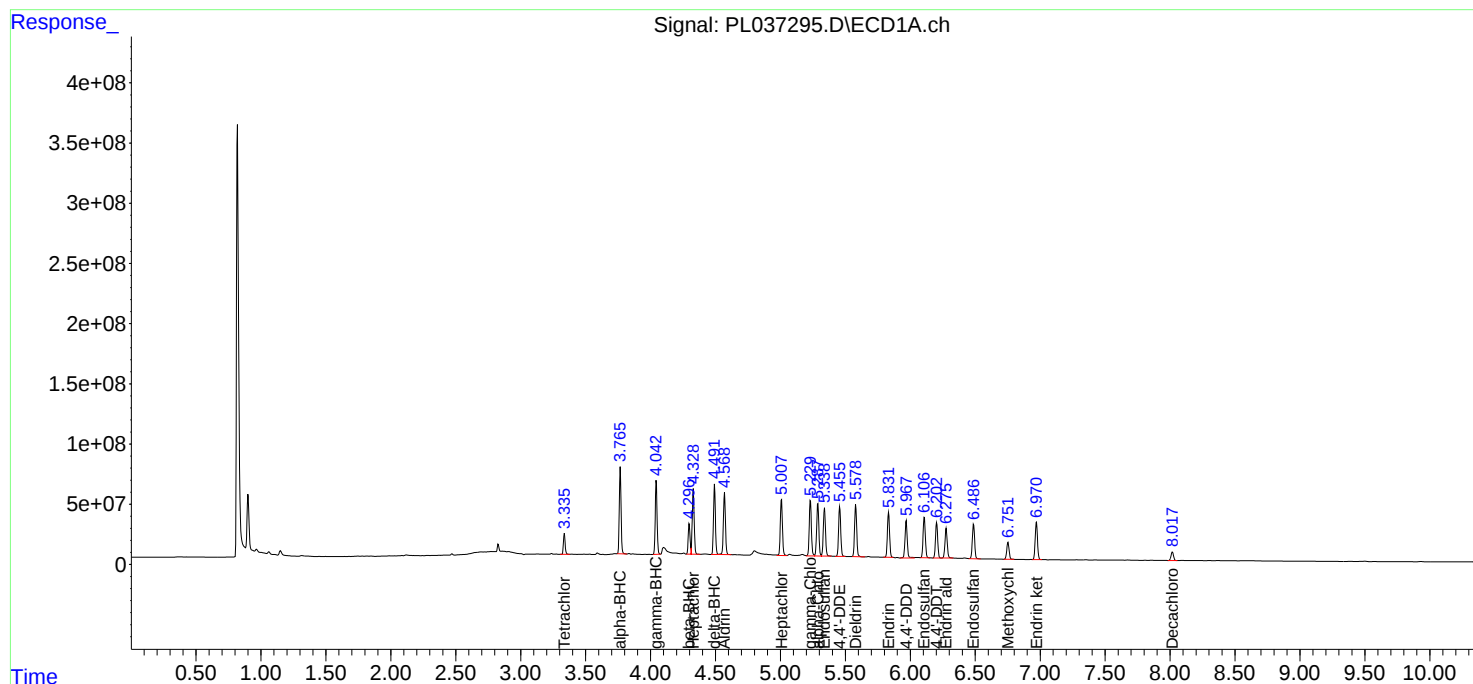
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

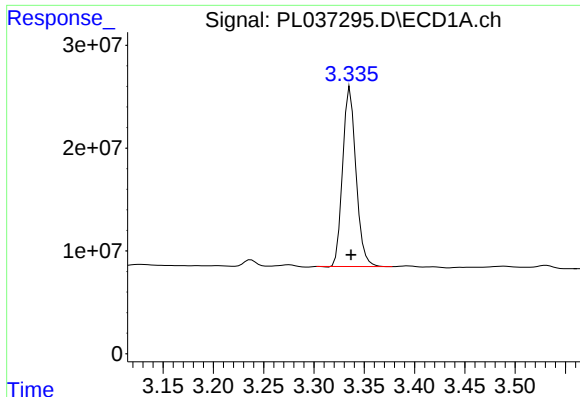
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062118\  
Data File : PL037295.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Jun 2018 10:06  
Operator : UA\AJ  
Sample : J3606-01MS  
Misc :  
ALS Vial : 74 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
FK-PS-01-030MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 22 11:00:48 2018  
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL062018.M  
Quant Title : GC Extractables  
QLast Update : Thu Jun 21 02:27:11 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 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 x0.25µm

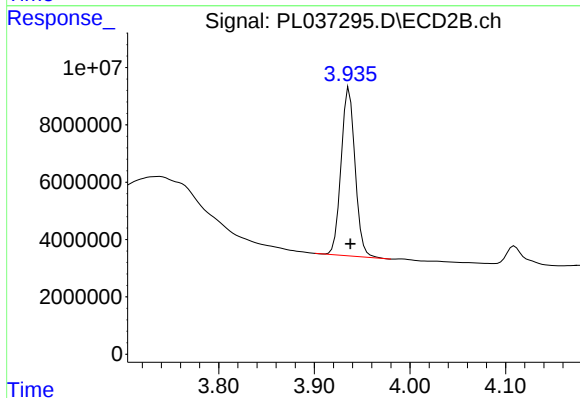




#1 Tetrachloro-m-xylene

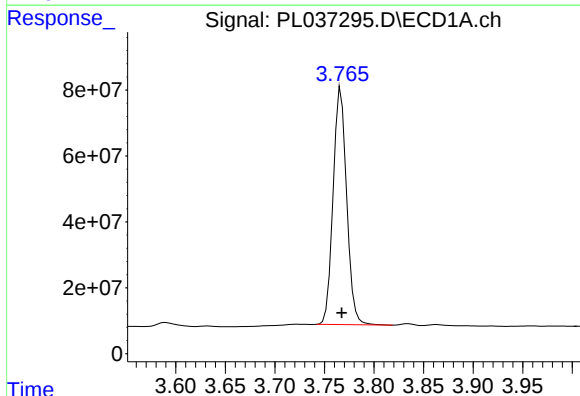
R.T.: 3.336 min  
Delta R.T.: 0.000 min  
Response: 160752622  
Conc: 20.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-PS-01-030MS



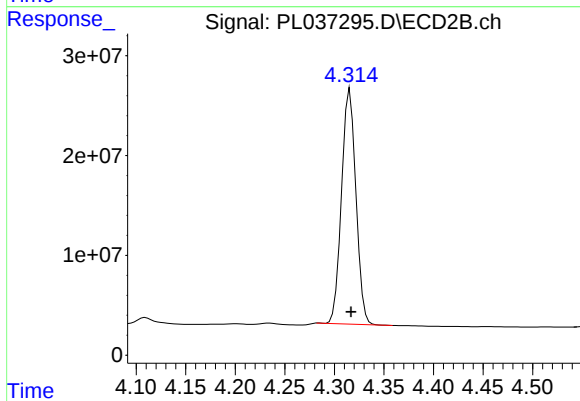
#1 Tetrachloro-m-xylene

R.T.: 3.937 min  
Delta R.T.: -0.001 min  
Response: 59378127  
Conc: 21.46 ng/ml



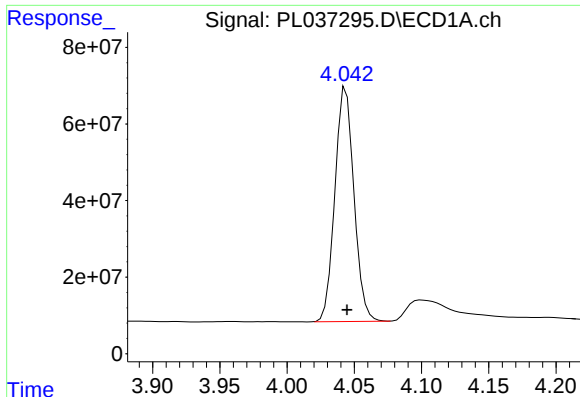
#2 alpha-BHC

R.T.: 3.767 min  
Delta R.T.: 0.000 min  
Response: 682278898  
Conc: 55.73 ng/ml



#2 alpha-BHC

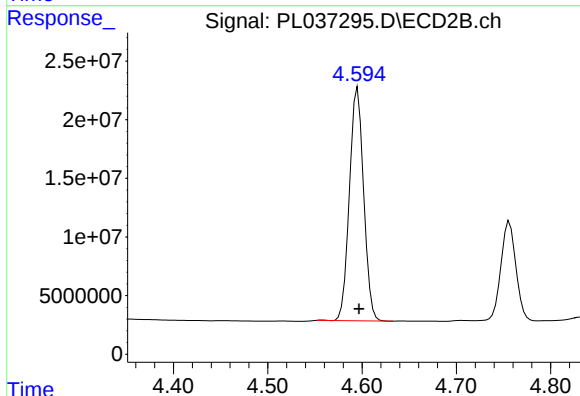
R.T.: 4.316 min  
Delta R.T.: -0.001 min  
Response: 237480108  
Conc: 61.20 ng/ml



#3 gamma-BHC (Lindane)

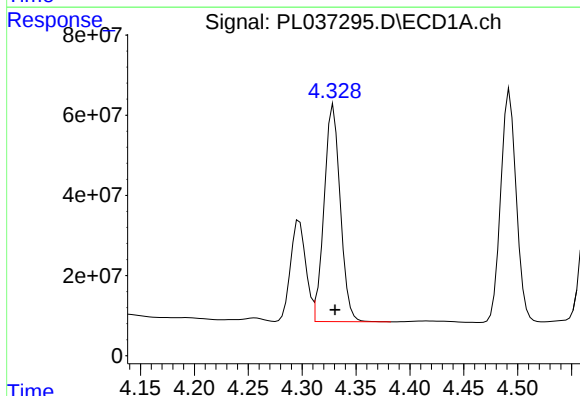
R.T.: 4.044 min  
Delta R.T.: 0.000 min  
Response: 599831502  
Conc: 58.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-PS-01-030MS



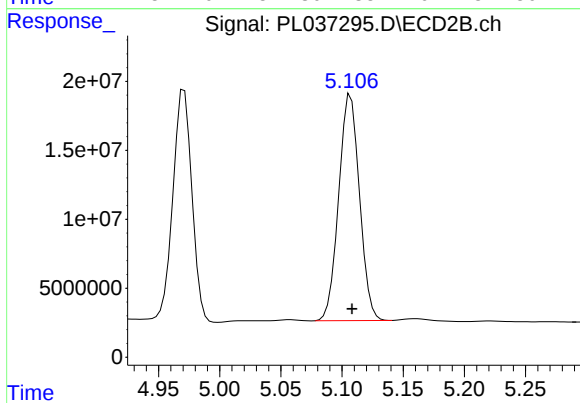
#3 gamma-BHC (Lindane)

R.T.: 4.595 min  
Delta R.T.: -0.001 min  
Response: 208438487  
Conc: 60.35 ng/ml



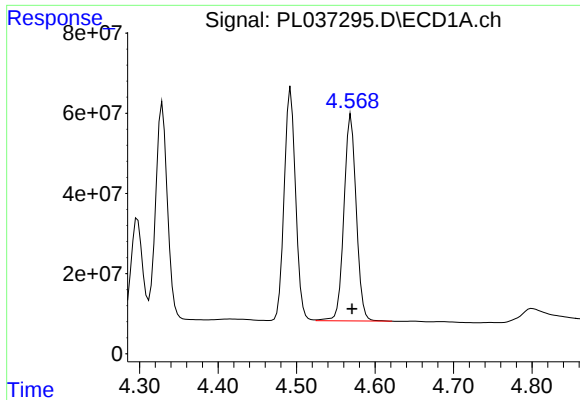
#4 Heptachlor

R.T.: 4.329 min  
Delta R.T.: -0.001 min  
Response: 562413476  
Conc: 54.89 ng/ml



#4 Heptachlor

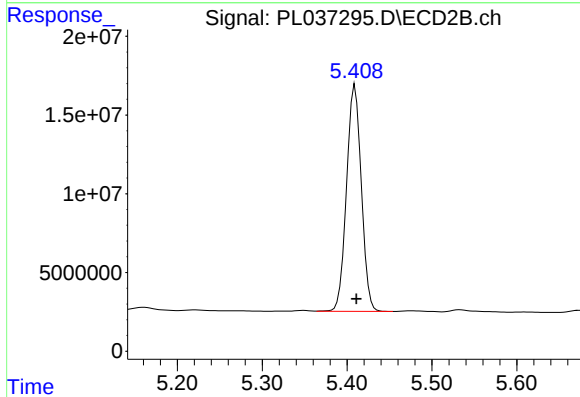
R.T.: 5.107 min  
Delta R.T.: -0.001 min  
Response: 193916596  
Conc: 56.10 ng/ml



#5 Aldrin

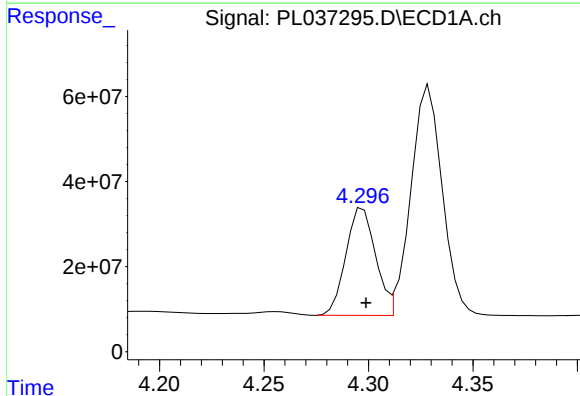
R.T.: 4.569 min  
Delta R.T.: -0.001 min  
Response: 561529108  
Conc: 55.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-PS-01-030MS



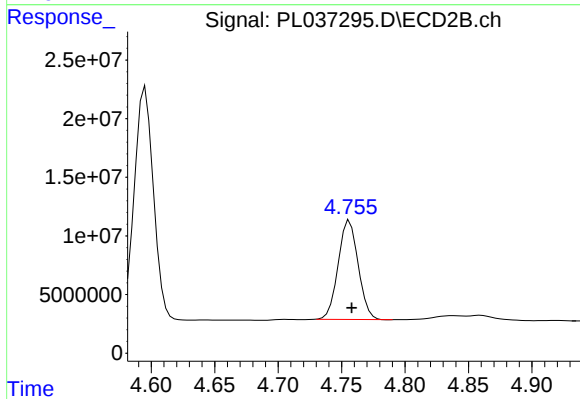
#5 Aldrin

R.T.: 5.409 min  
Delta R.T.: -0.001 min  
Response: 173641639  
Conc: 55.35 ng/ml



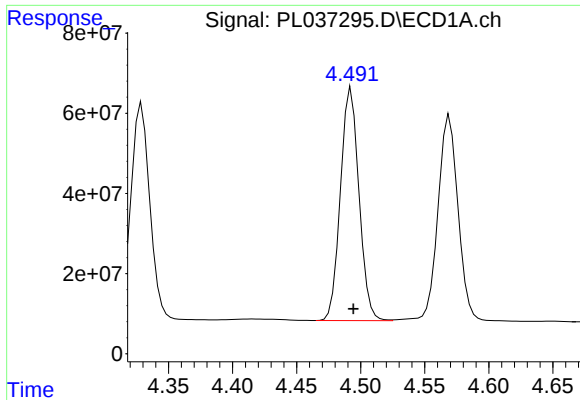
#6 beta-BHC

R.T.: 4.297 min  
Delta R.T.: -0.001 min  
Response: 249119332  
Conc: 54.62 ng/ml



#6 beta-BHC

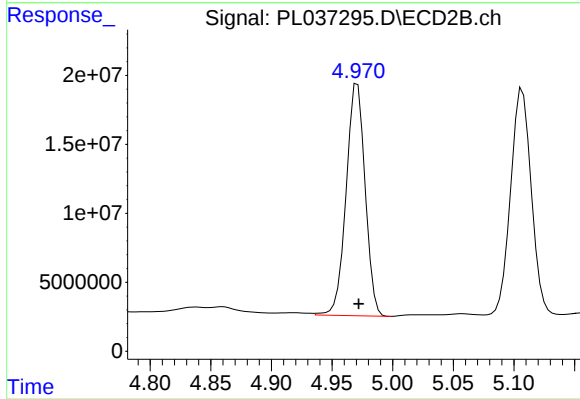
R.T.: 4.756 min  
Delta R.T.: -0.002 min  
Response: 92695088  
Conc: 57.48 ng/ml



#7 delta-BHC

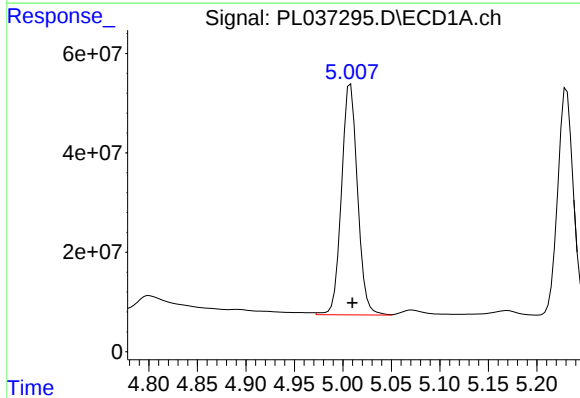
R.T.: 4.493 min  
Delta R.T.: -0.001 min  
Response: 585048879  
Conc: 55.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-PS-01-030MS



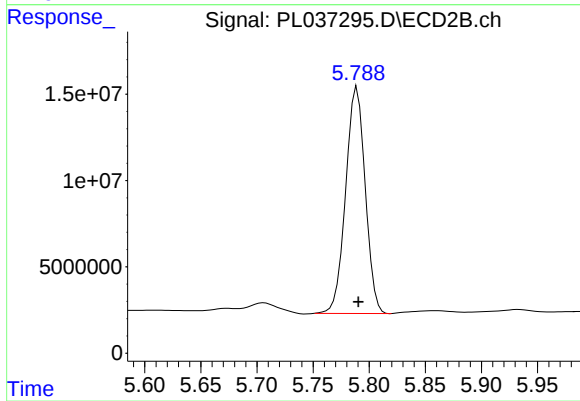
#7 delta-BHC

R.T.: 4.971 min  
Delta R.T.: 0.000 min  
Response: 183303340  
Conc: 65.00 ng/ml



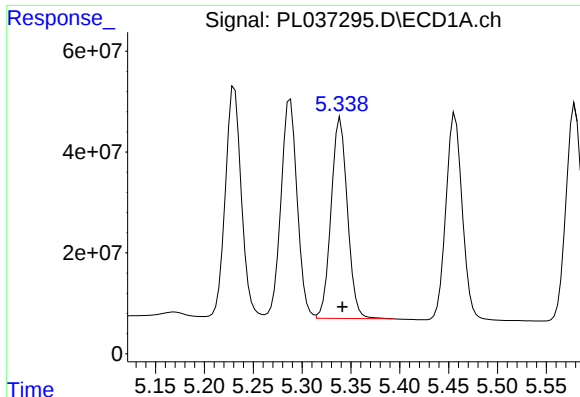
#8 Heptachlor epoxide

R.T.: 5.008 min  
Delta R.T.: -0.002 min  
Response: 534938733  
Conc: 57.11 ng/ml



#8 Heptachlor epoxide

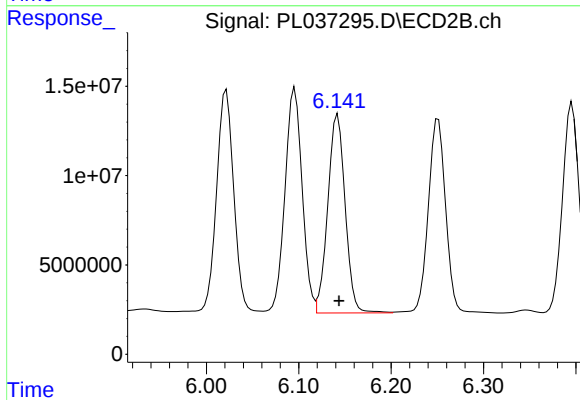
R.T.: 5.789 min  
Delta R.T.: -0.001 min  
Response: 158973400  
Conc: 55.77 ng/ml



#9 Endosulfan I

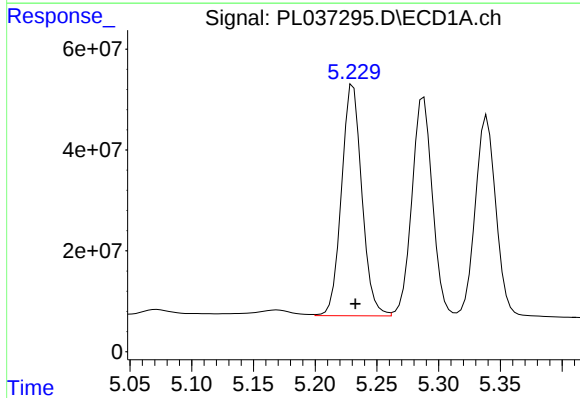
R.T.: 5.339 min  
Delta R.T.: -0.002 min  
Response: 463051819  
Conc: 54.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-PS-01-030MS



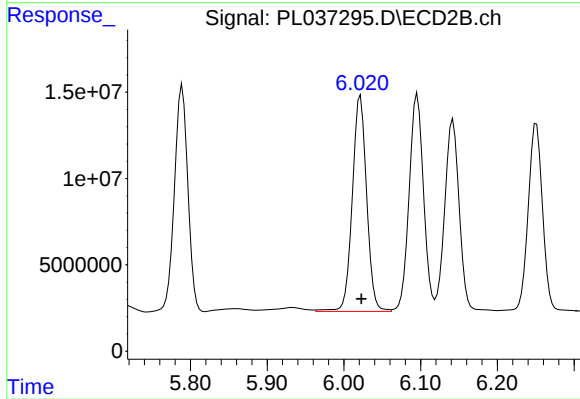
#9 Endosulfan I

R.T.: 6.142 min  
Delta R.T.: -0.001 min  
Response: 145465283  
Conc: 56.72 ng/ml



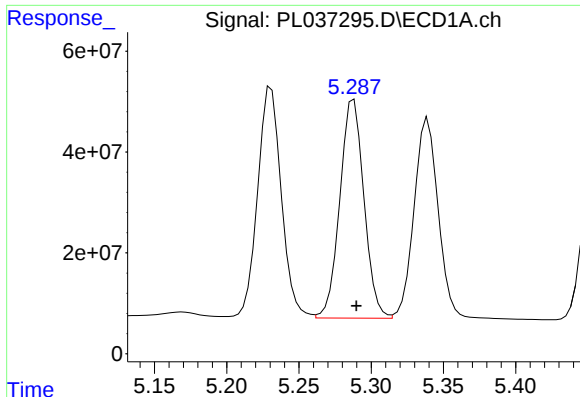
#10 gamma-Chlordane

R.T.: 5.231 min  
Delta R.T.: -0.002 min  
Response: 525929882  
Conc: 56.15 ng/ml



#10 gamma-Chlordane

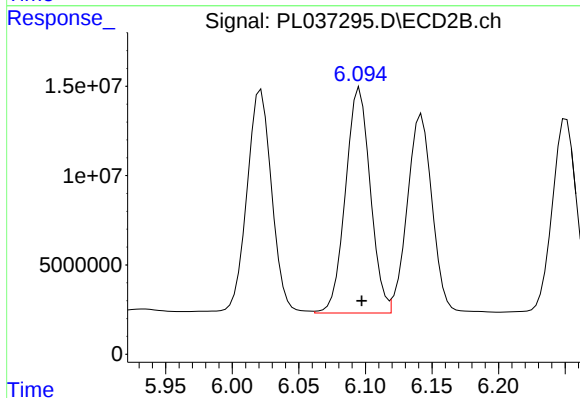
R.T.: 6.022 min  
Delta R.T.: -0.001 min  
Response: 163818366  
Conc: 58.17 ng/ml



#11 alpha-Chlordane

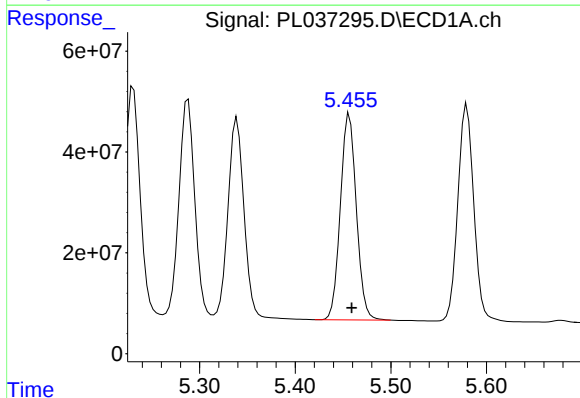
R.T.: 5.288 min  
Delta R.T.: -0.002 min  
Response: 503237634  
Conc: 55.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-PS-01-030MS



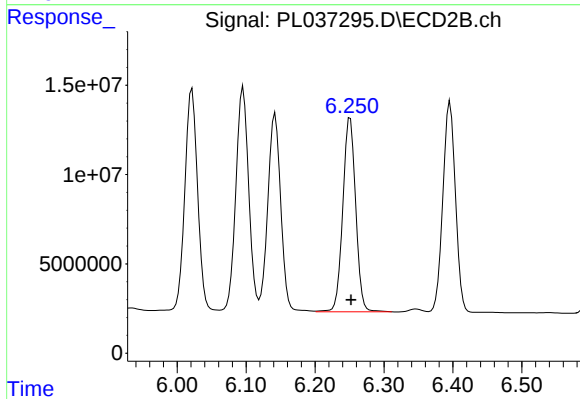
#11 alpha-Chlordane

R.T.: 6.096 min  
Delta R.T.: -0.002 min  
Response: 163550641  
Conc: 56.82 ng/ml



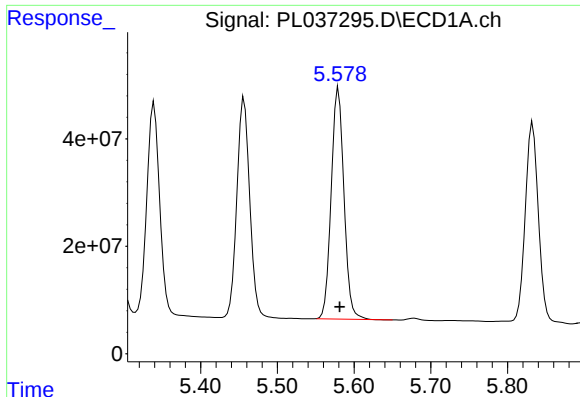
#12 4,4'-DDE

R.T.: 5.457 min  
Delta R.T.: -0.002 min  
Response: 475911044  
Conc: 53.88 ng/ml



#12 4,4'-DDE

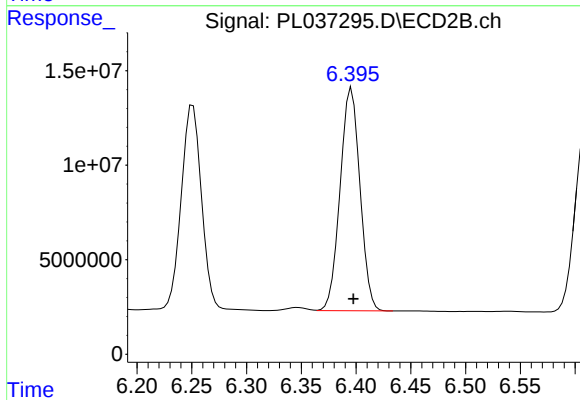
R.T.: 6.251 min  
Delta R.T.: -0.001 min  
Response: 141535634  
Conc: 55.62 ng/ml



#13 Dieldrin

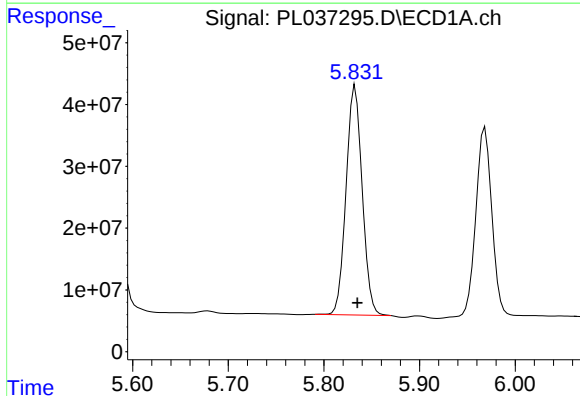
R.T.: 5.579 min  
Delta R.T.: -0.002 min  
Response: 497098697  
Conc: 56.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-PS-01-030MS



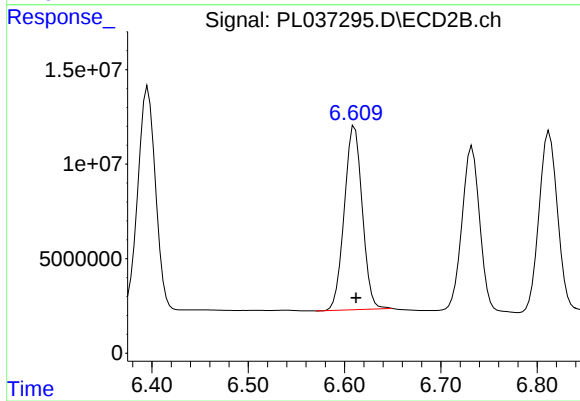
#13 Dieldrin

R.T.: 6.396 min  
Delta R.T.: -0.002 min  
Response: 148877368  
Conc: 55.78 ng/ml



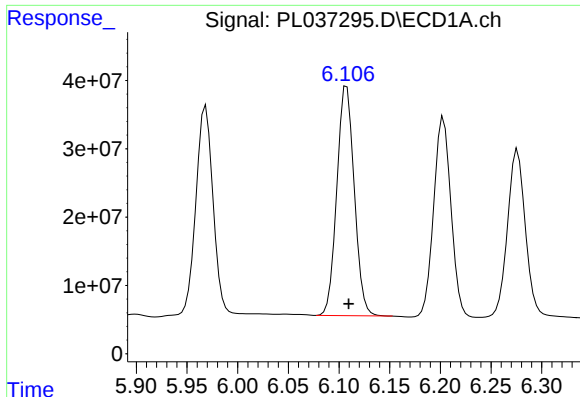
#14 Endrin

R.T.: 5.833 min  
Delta R.T.: -0.002 min  
Response: 436626777  
Conc: 55.43 ng/ml



#14 Endrin

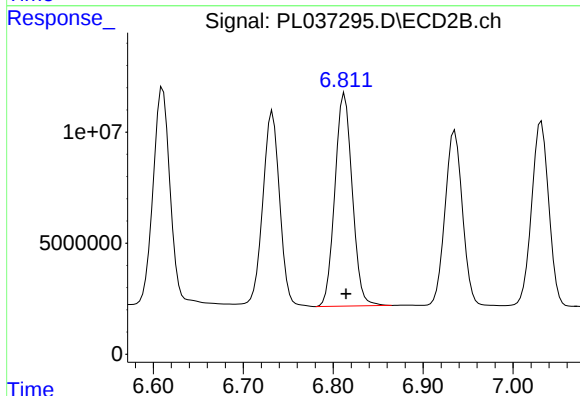
R.T.: 6.610 min  
Delta R.T.: -0.002 min  
Response: 125305377  
Conc: 54.50 ng/ml



#15 Endosulfan II

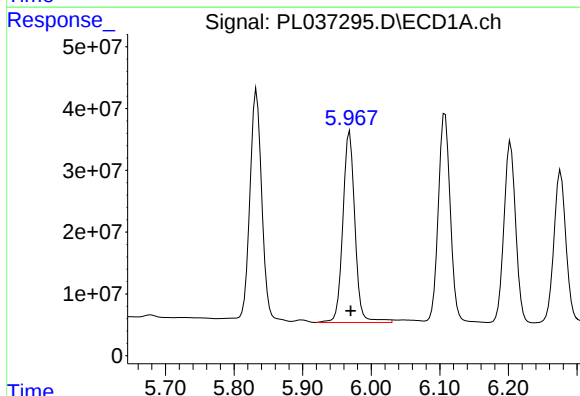
R.T.: 6.108 min  
Delta R.T.: -0.002 min  
Response: 402231314  
Conc: 54.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-PS-01-030MS



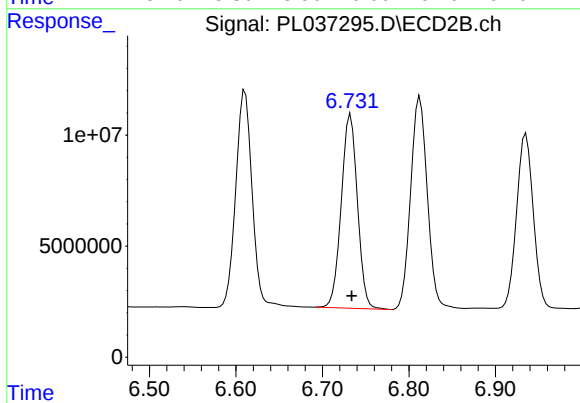
#15 Endosulfan II

R.T.: 6.813 min  
Delta R.T.: -0.002 min  
Response: 128483221  
Conc: 51.81 ng/ml



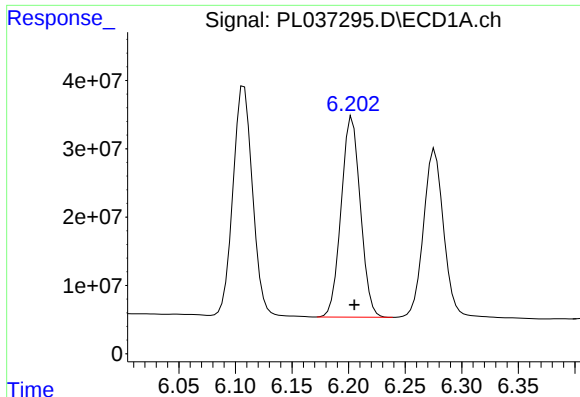
#16 4,4'-DDD

R.T.: 5.969 min  
Delta R.T.: -0.002 min  
Response: 379275029  
Conc: 56.53 ng/ml



#16 4,4'-DDD

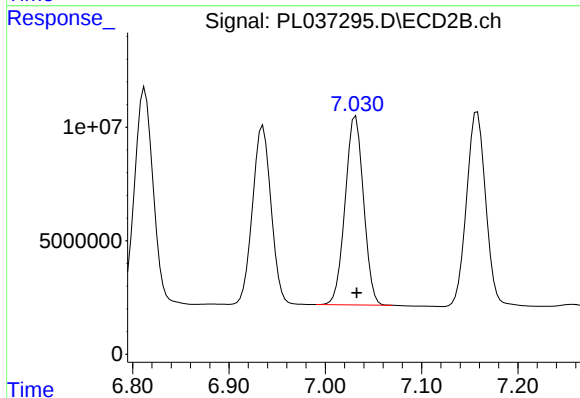
R.T.: 6.732 min  
Delta R.T.: -0.001 min  
Response: 112773343  
Conc: 54.94 ng/ml



#17 4,4'-DDT

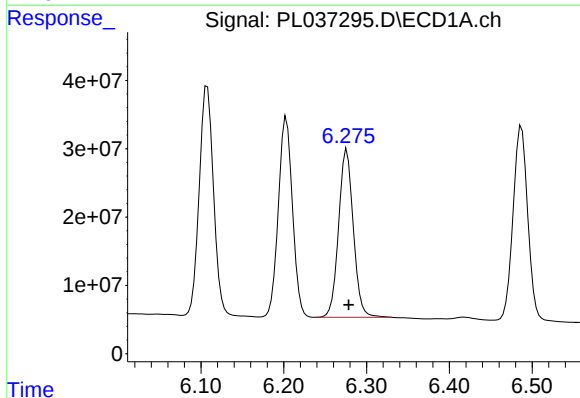
R.T.: 6.203 min  
Delta R.T.: -0.002 min  
Response: 347072142  
Conc: 53.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-PS-01-030MS



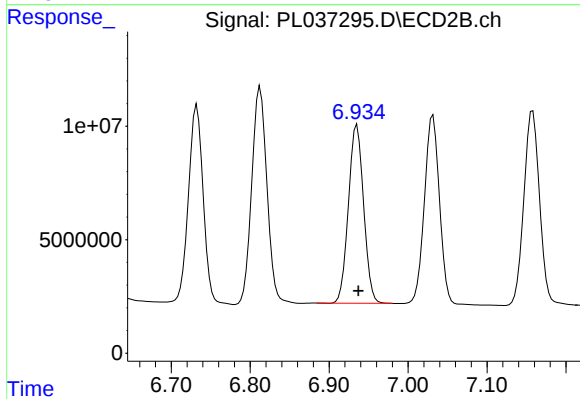
#17 4,4'-DDT

R.T.: 7.032 min  
Delta R.T.: -0.001 min  
Response: 110028366  
Conc: 51.94 ng/ml



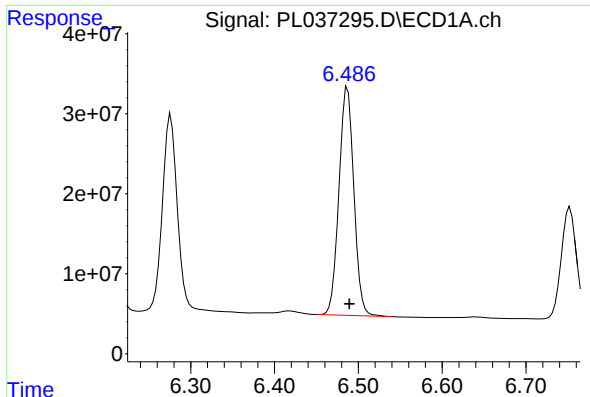
#18 Endrin aldehyde

R.T.: 6.276 min  
Delta R.T.: -0.002 min  
Response: 304019804  
Conc: 53.62 ng/ml



#18 Endrin aldehyde

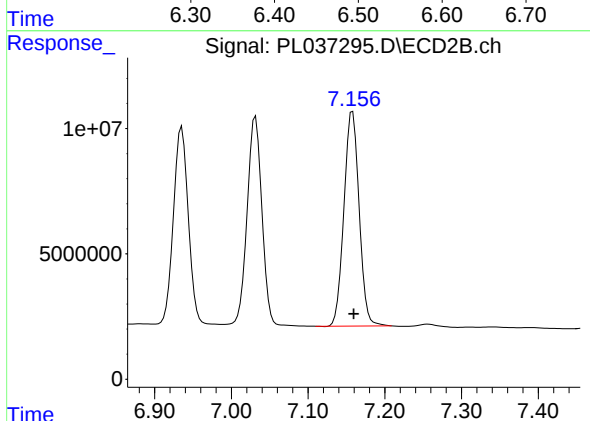
R.T.: 6.935 min  
Delta R.T.: -0.002 min  
Response: 105334903  
Conc: 51.93 ng/ml



#19 Endosulfan Sulfate

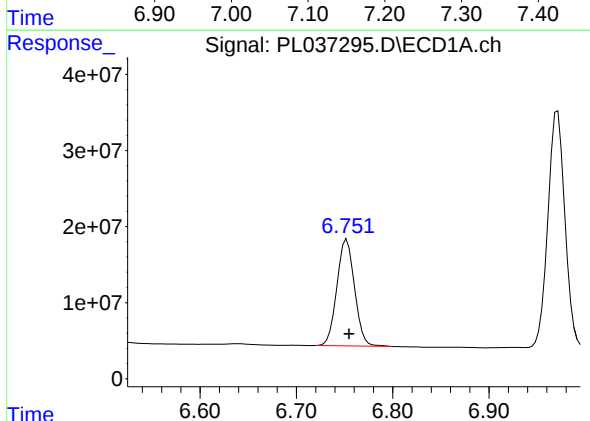
R.T.: 6.487 min  
Delta R.T.: -0.002 min  
Response: 352679348  
Conc: 52.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-PS-01-030MS



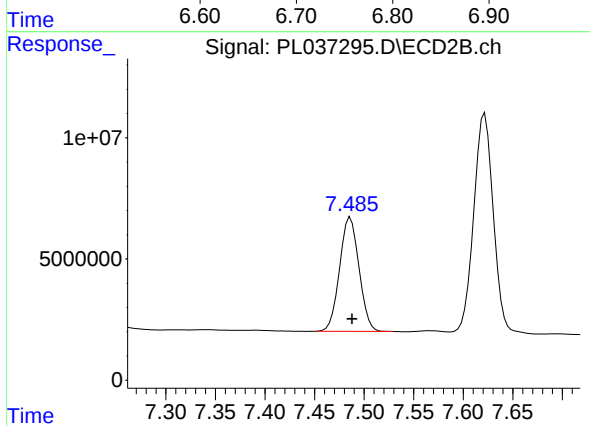
#19 Endosulfan Sulfate

R.T.: 7.158 min  
Delta R.T.: -0.002 min  
Response: 118396008  
Conc: 54.29 ng/ml



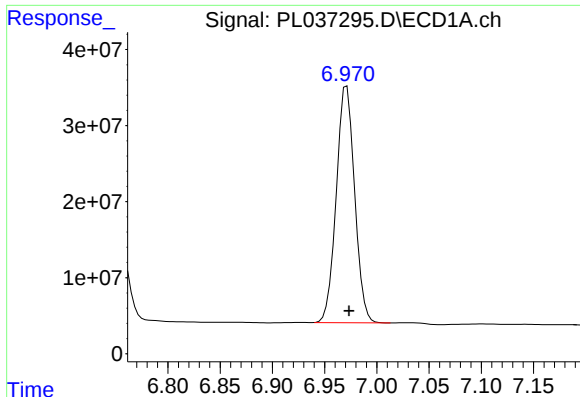
#20 Methoxychlor

R.T.: 6.753 min  
Delta R.T.: -0.002 min  
Response: 178457319  
Conc: 52.50 ng/ml



#20 Methoxychlor

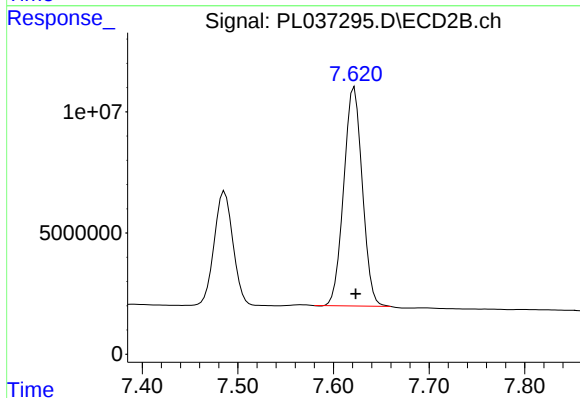
R.T.: 7.486 min  
Delta R.T.: -0.002 min  
Response: 64143604  
Conc: 57.30 ng/ml



#21 Endrin ketone

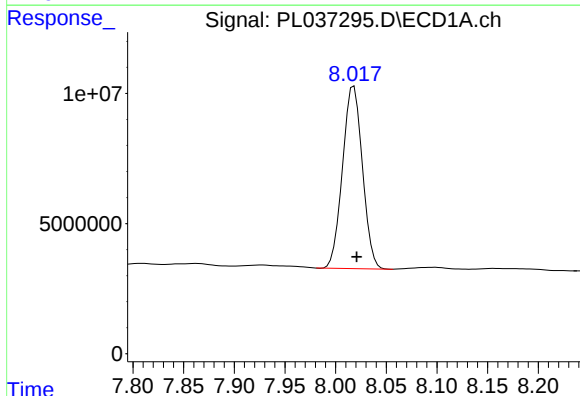
R.T.: 6.971 min  
Delta R.T.: -0.002 min  
Response: 380194729  
Conc: 53.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-PS-01-030MS



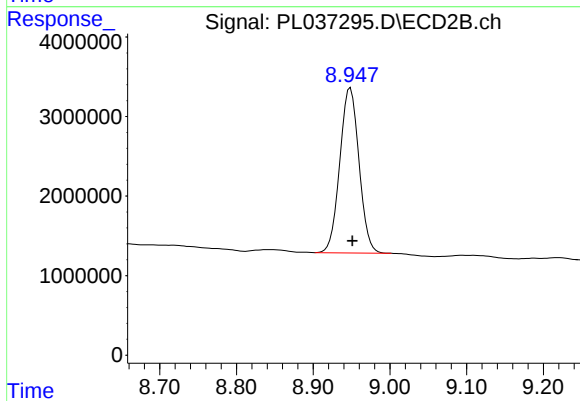
#21 Endrin ketone

R.T.: 7.622 min  
Delta R.T.: -0.002 min  
Response: 122234850  
Conc: 60.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.018 min  
Delta R.T.: -0.003 min  
Response: 95600124  
Conc: 15.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.948 min  
Delta R.T.: -0.002 min  
Response: 36179394  
Conc: 18.24 ng/ml