

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051019\  
 Data File : PL048423.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 May 2019 19:23  
 Operator : AJ\SJ  
 Sample : K2779-03MSD  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 RBR-200050MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 10 23:06:22 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 | 119.1E6  | 31569539 | 12.295 | 12.674 |
| 2)                          | SA Decachlor... | 7.996 | 8.977 | 89404167 | 24080603 | 8.892  | 9.072  |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.756 | 4.329 | 548.6E6  | 125.6E6  | 35.465 | 35.776 |
| 3)                          | MA gamma-BHC... | 4.032 | 4.612 | 515.5E6  | 116.8E6  | 36.281 | 35.759 |
| 4)                          | MA Heptachlor   | 4.316 | 5.116 | 511.0E6  | 116.2E6  | 34.736 | 33.555 |
| 5)                          | MB Aldrin       | 4.555 | 5.419 | 466.7E6  | 103.0E6  | 34.063 | 33.263 |
| 6)                          | B beta-BHC      | 4.286 | 4.787 | 208.8E6  | 53273042 | 35.383 | 34.237 |
| 7)                          | B delta-BHC     | 4.479 | 5.001 | 455.6E6  | 90654055 | 32.271 | 32.057 |
| 8)                          | B Heptachlo...  | 4.992 | 5.805 | 431.3E6  | 98751938 | 33.471 | 33.857 |
| 9)                          | A Endosulfan I  | 5.323 | 6.160 | 396.7E6  | 88707904 | 32.974 | 31.373 |
| 10)                         | B gamma-Chl...  | 5.215 | 6.039 | 437.7E6  | 94609188 | 32.777 | 30.731 |
| 11)                         | B alpha-Chl...  | 5.271 | 6.111 | 424.4E6  | 94250407 | 32.465 | 30.718 |
| 12)                         | B 4,4'-DDE      | 5.439 | 6.270 | 398.5E6  | 83427999 | 31.411 | 30.218 |
| 13)                         | MA Dieldrin     | 5.562 | 6.417 | 430.0E6  | 91996410 | 33.023 | 31.359 |
| 14)                         | MA Endrin       | 5.815 | 6.634 | 395.4E6  | 79746866 | 32.482 | 30.585 |
| 15)                         | B Endosulfa...  | 6.089 | 6.845 | 342.0E6  | 79232473 | 29.633 | 29.382 |
| 16)                         | A 4,4'-DDD      | 5.949 | 6.761 | 304.6E6  | 69049658 | 31.289 | 30.770 |
| 17)                         | MA 4,4'-DDT     | 6.184 | 7.058 | 269.5E6  | 65476354 | 26.825 | 27.902 |
| 18)                         | B Endrin al...  | 6.257 | 6.969 | 265.7E6  | 65302986 | 27.344 | 27.866 |
| 19)                         | B Endosulfa...  | 6.467 | 7.192 | 310.0E6  | 76261925 | 28.880 | 29.465 |
| 20)                         | A Methoxychlor  | 6.729 | 7.518 | 149.0E6  | 37786667 | 27.368 | 27.679 |
| 21)                         | B Endrin ke...  | 6.950 | 7.660 | 325.9E6  | 79951921 | 27.966 | 30.600 |
| 22)                         | Mirex           | 7.125 | 8.110 | 218.3E6  | 56495554 | 24.354 | 26.789 |
| -----                       |                 |       |       |          |          |        |        |

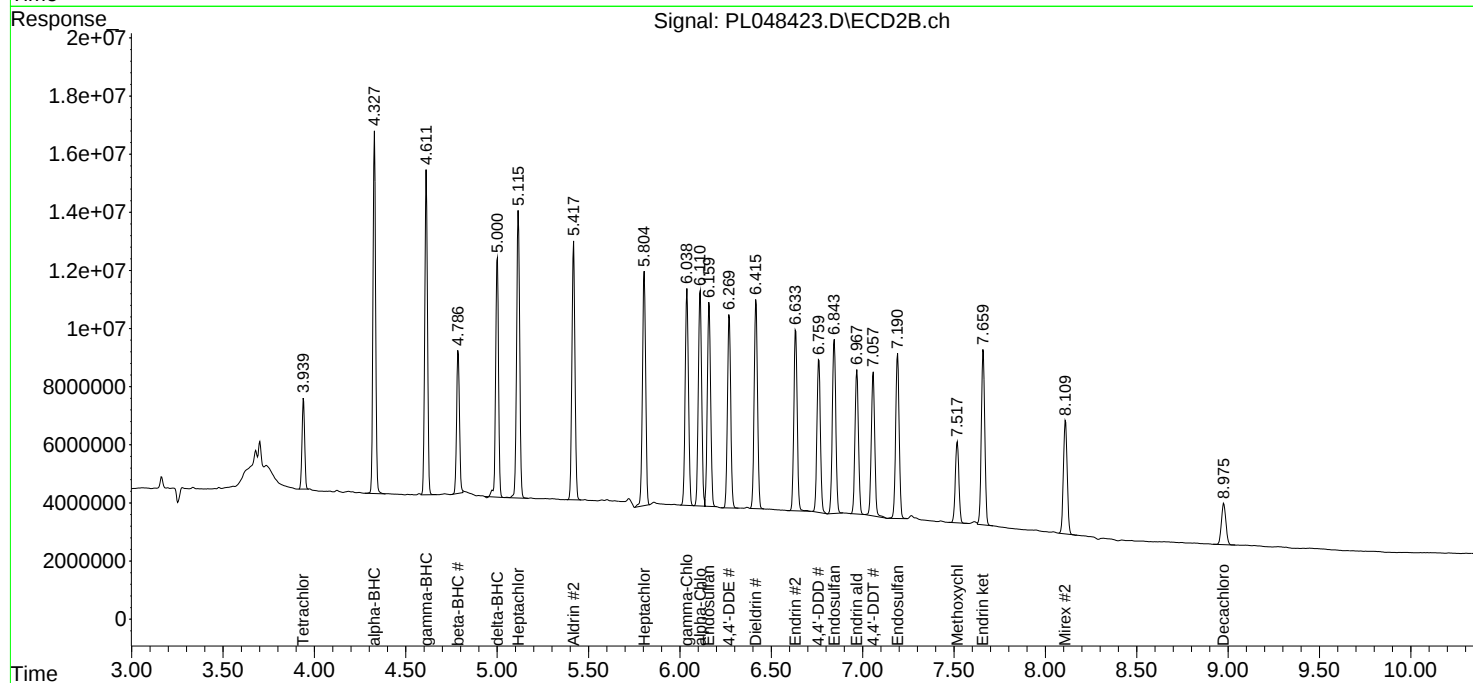
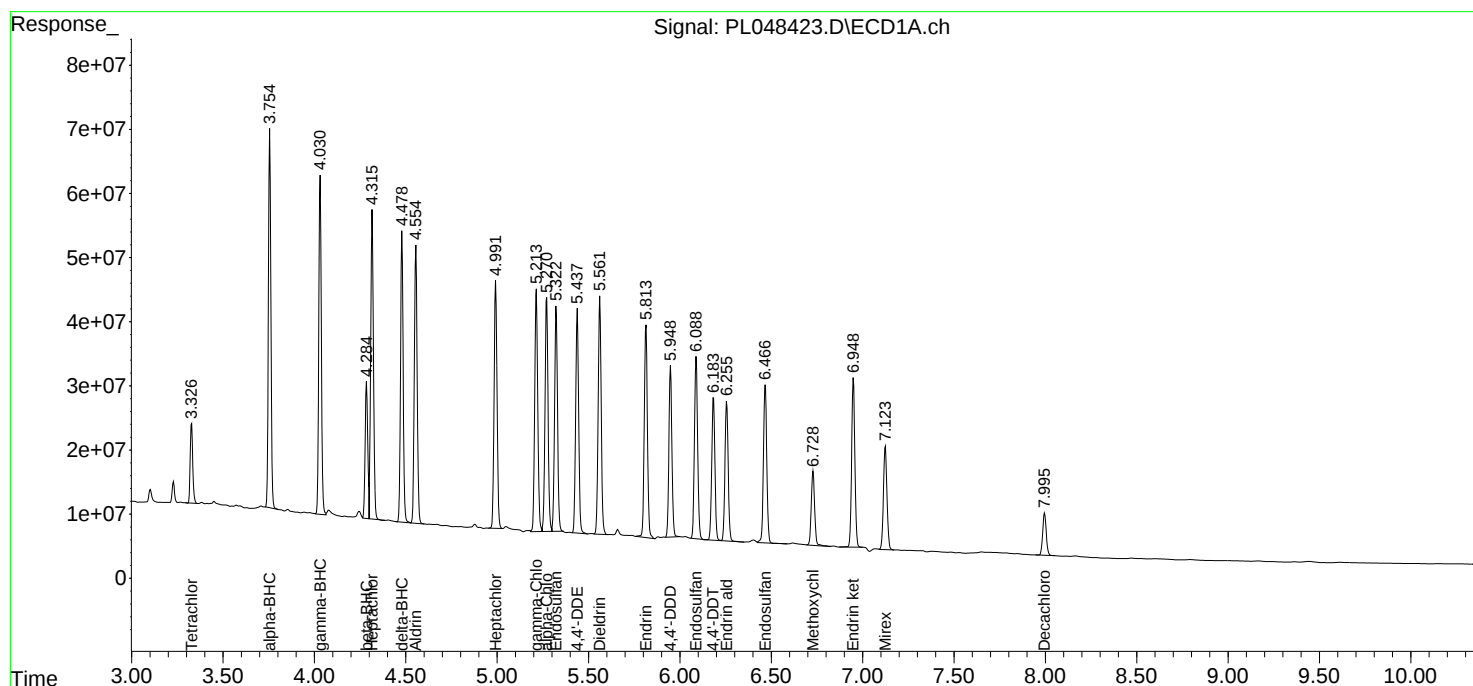
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

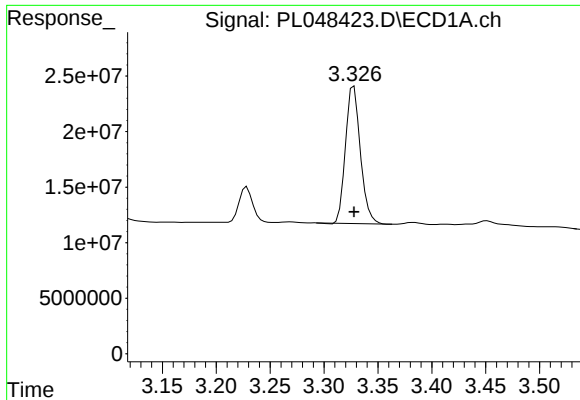
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051019\  
Data File : PL048423.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 May 2019 19:23  
Operator : AJ\SJ  
Sample : K2779-03MSD  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
RBR-200050MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 10 23:06:22 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

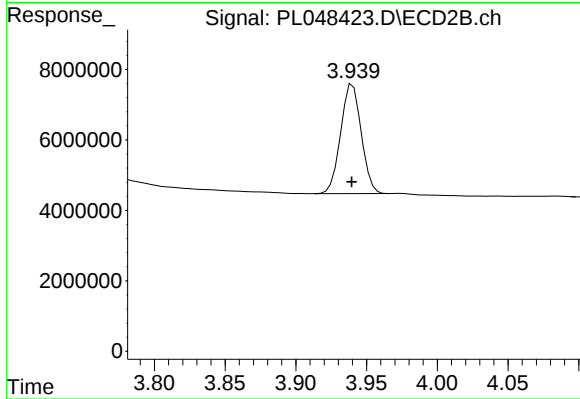




#1 Tetrachloro-m-xylene

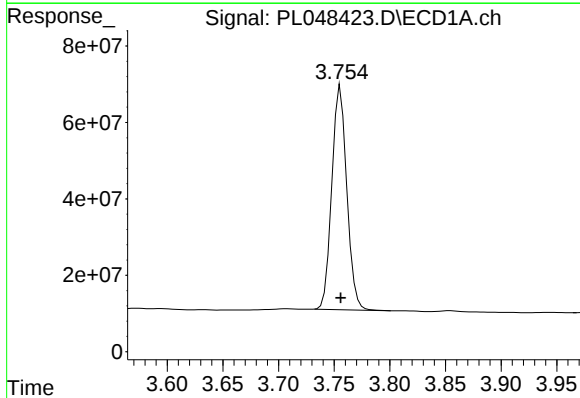
R.T.: 3.328 min  
Delta R.T.: 0.000 min  
Response: 119101166  
Conc: 12.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RBR-200050MSD



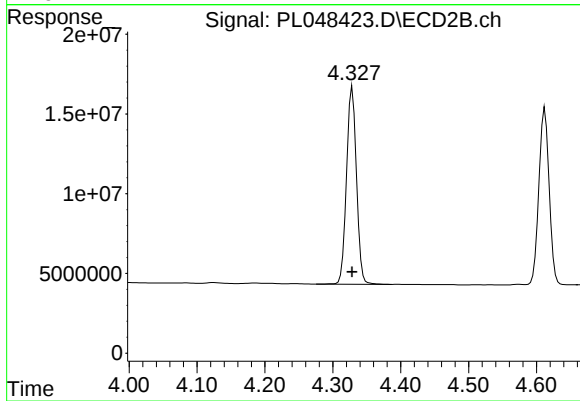
#1 Tetrachloro-m-xylene

R.T.: 3.940 min  
Delta R.T.: 0.000 min  
Response: 31569539  
Conc: 12.67 ng/ml



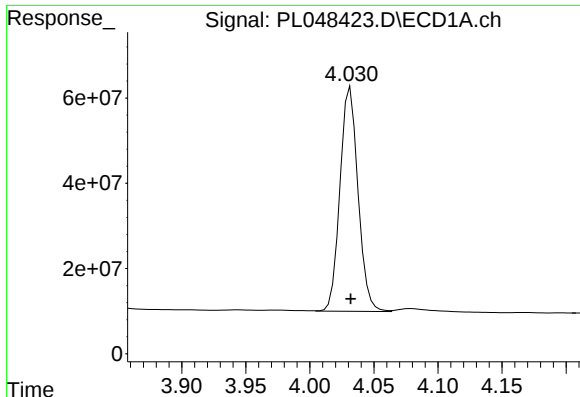
#2 alpha-BHC

R.T.: 3.756 min  
Delta R.T.: 0.000 min  
Response: 548555809  
Conc: 35.47 ng/ml



#2 alpha-BHC

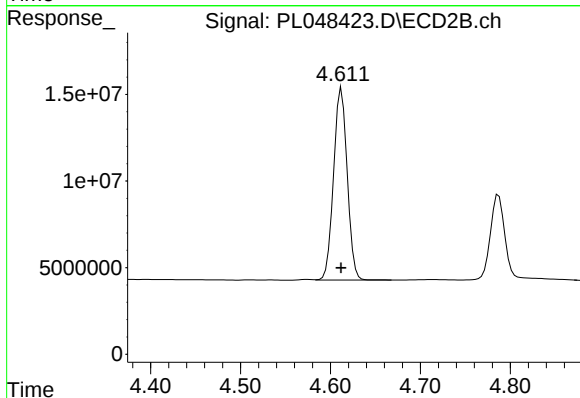
R.T.: 4.329 min  
Delta R.T.: 0.000 min  
Response: 125643461  
Conc: 35.78 ng/ml



#3 gamma-BHC (Lindane)

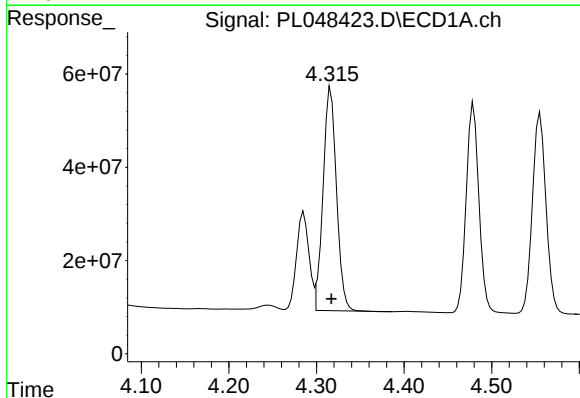
R.T.: 4.032 min  
Delta R.T.: 0.000 min  
Response: 515523978  
Conc: 36.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RBR-200050MSD



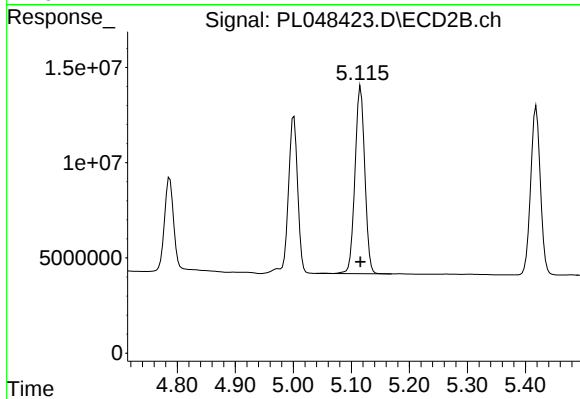
#3 gamma-BHC (Lindane)

R.T.: 4.612 min  
Delta R.T.: 0.000 min  
Response: 116793454  
Conc: 35.76 ng/ml



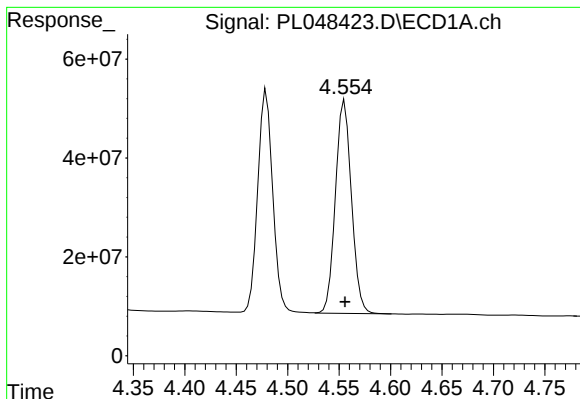
#4 Heptachlor

R.T.: 4.316 min  
Delta R.T.: 0.000 min  
Response: 511031515  
Conc: 34.74 ng/ml



#4 Heptachlor

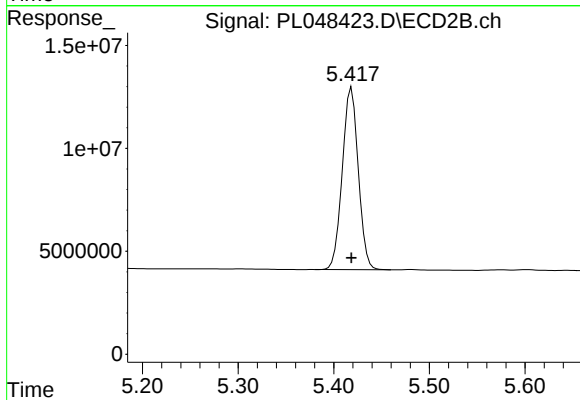
R.T.: 5.116 min  
Delta R.T.: 0.000 min  
Response: 116160866  
Conc: 33.55 ng/ml



#5 Aldrin

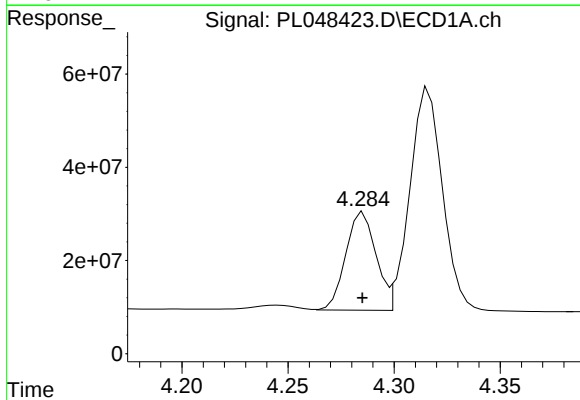
R.T.: 4.555 min  
Delta R.T.: 0.000 min  
Response: 466713101  
Conc: 34.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RBR-200050MSD



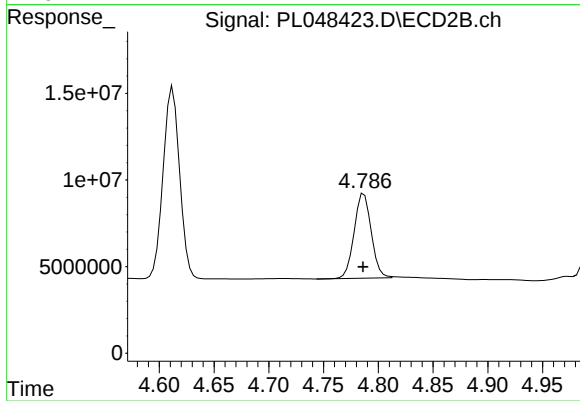
#5 Aldrin

R.T.: 5.419 min  
Delta R.T.: 0.000 min  
Response: 103002907  
Conc: 33.26 ng/ml



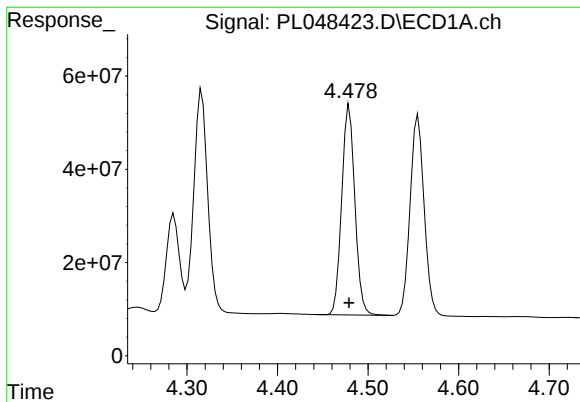
#6 beta-BHC

R.T.: 4.286 min  
Delta R.T.: 0.000 min  
Response: 208818591  
Conc: 35.38 ng/ml



#6 beta-BHC

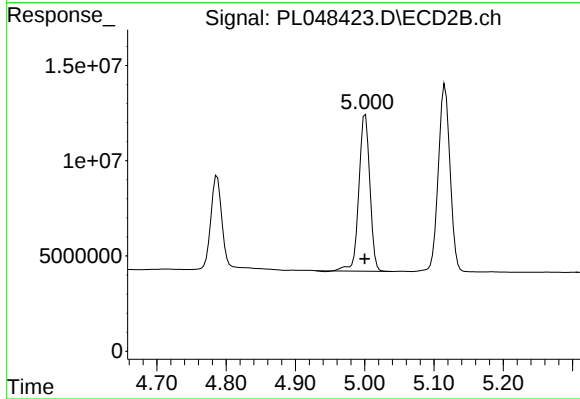
R.T.: 4.787 min  
Delta R.T.: 0.000 min  
Response: 53273042  
Conc: 34.24 ng/ml



#7 delta-BHC

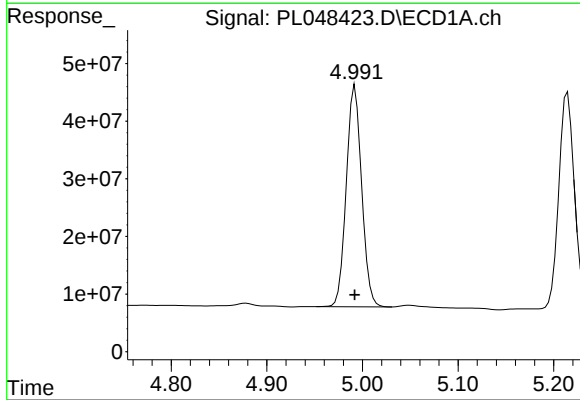
R.T.: 4.479 min  
Delta R.T.: 0.000 min  
Response: 455621503  
Conc: 32.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RBR-200050MSD



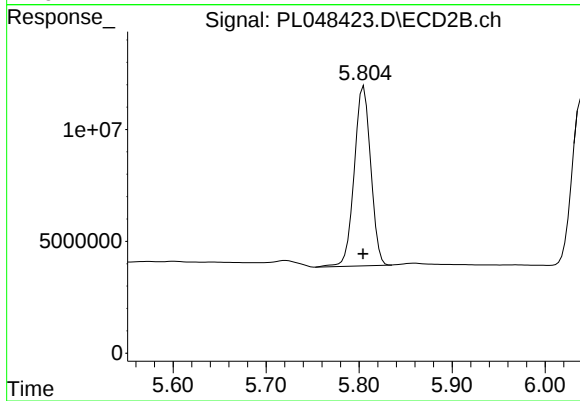
#7 delta-BHC

R.T.: 5.001 min  
Delta R.T.: 0.000 min  
Response: 90654055  
Conc: 32.06 ng/ml



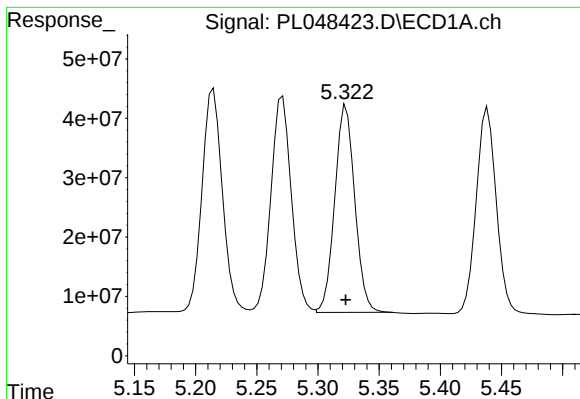
#8 Heptachlor epoxide

R.T.: 4.992 min  
Delta R.T.: 0.000 min  
Response: 431269110  
Conc: 33.47 ng/ml



#8 Heptachlor epoxide

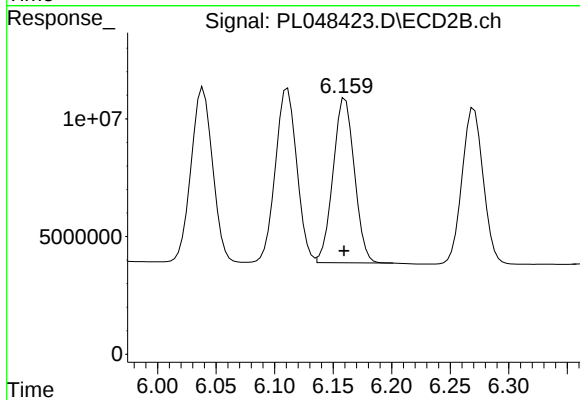
R.T.: 5.805 min  
Delta R.T.: 0.000 min  
Response: 98751938  
Conc: 33.86 ng/ml



#9 Endosulfan I

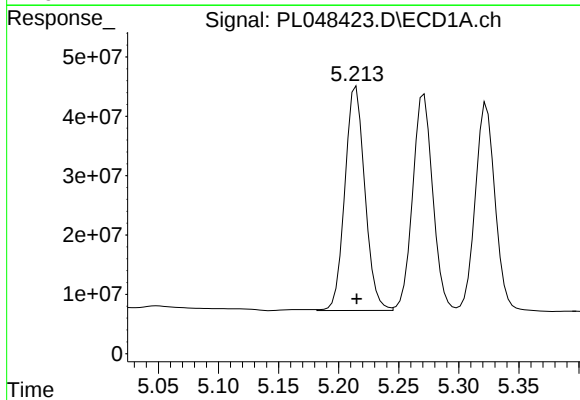
R.T.: 5.323 min  
Delta R.T.: 0.000 min  
Response: 396679673  
Conc: 32.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RBR-200050MSD



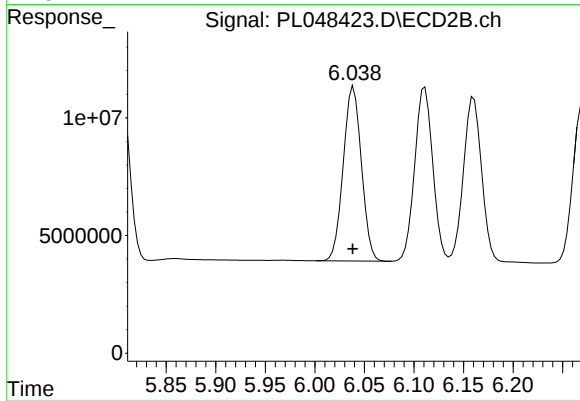
#9 Endosulfan I

R.T.: 6.160 min  
Delta R.T.: 0.001 min  
Response: 88707904  
Conc: 31.37 ng/ml



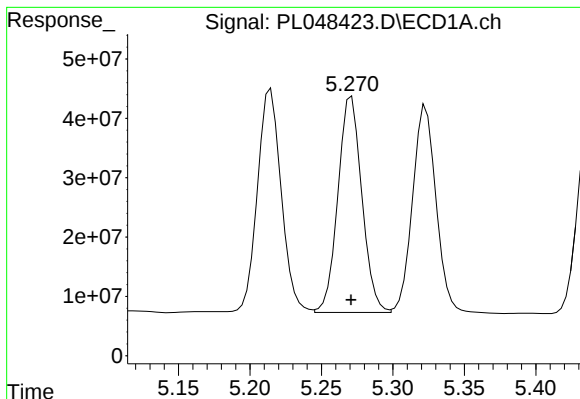
#10 gamma-Chlordane

R.T.: 5.215 min  
Delta R.T.: 0.000 min  
Response: 437652247  
Conc: 32.78 ng/ml



#10 gamma-Chlordane

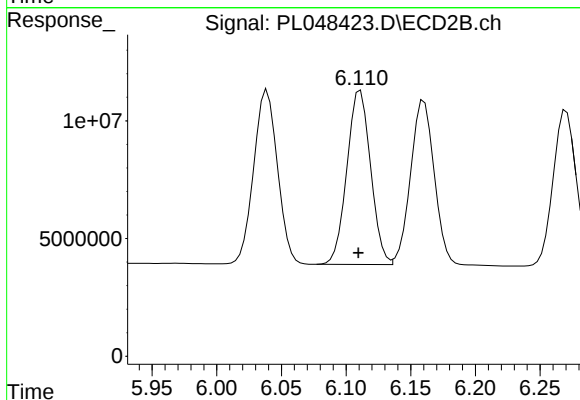
R.T.: 6.039 min  
Delta R.T.: 0.000 min  
Response: 94609188  
Conc: 30.73 ng/ml



#11 alpha-Chlordane

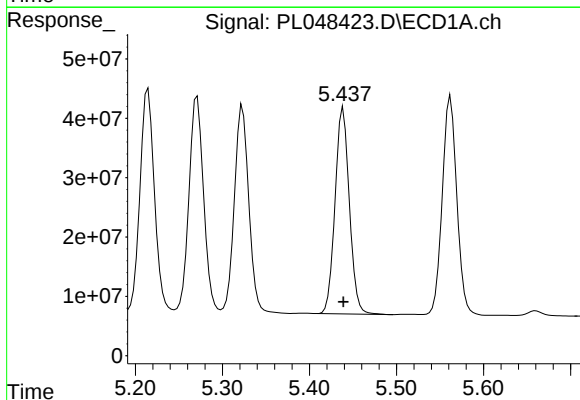
R.T.: 5.271 min  
Delta R.T.: 0.000 min  
Response: 424439818  
Conc: 32.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RBR-200050MSD



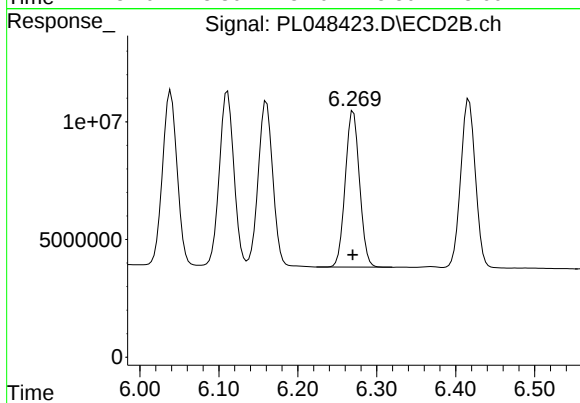
#11 alpha-Chlordane

R.T.: 6.111 min  
Delta R.T.: 0.002 min  
Response: 94250407  
Conc: 30.72 ng/ml



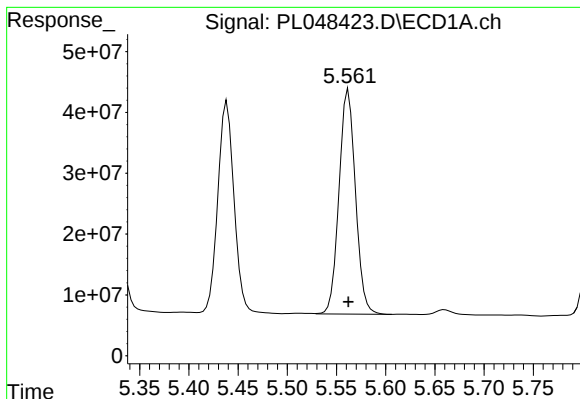
#12 4,4'-DDE

R.T.: 5.439 min  
Delta R.T.: 0.000 min  
Response: 398453216  
Conc: 31.41 ng/ml



#12 4,4'-DDE

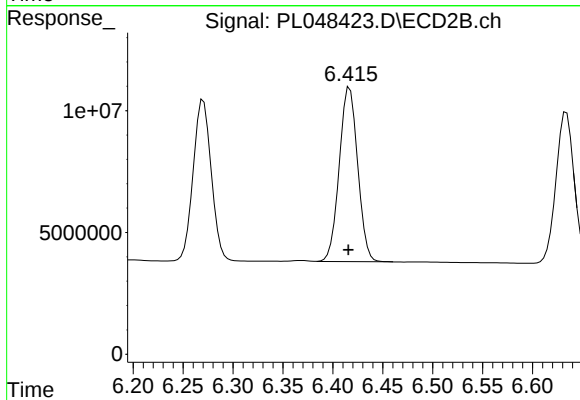
R.T.: 6.270 min  
Delta R.T.: 0.000 min  
Response: 83427999  
Conc: 30.22 ng/ml



#13 Dieldrin

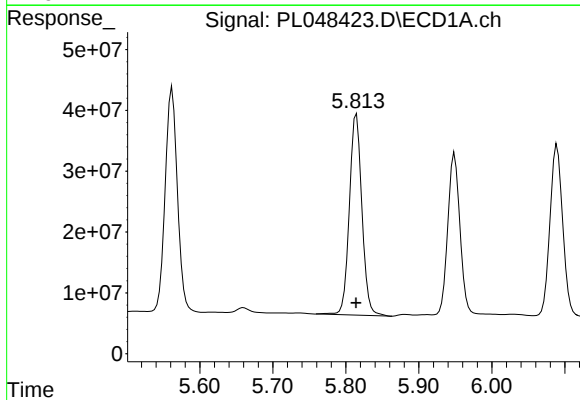
R.T.: 5.562 min  
Delta R.T.: 0.000 min  
Response: 429984606  
Conc: 33.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RBR-200050MSD



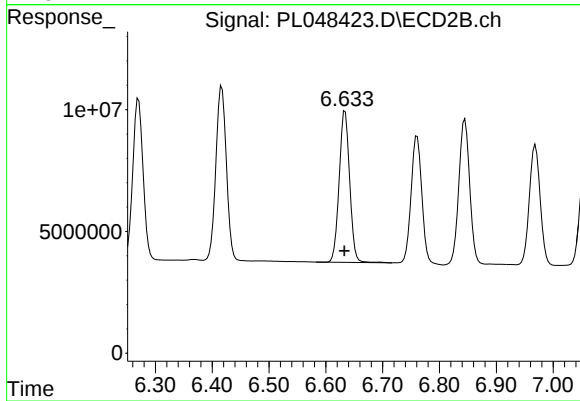
#13 Dieldrin

R.T.: 6.417 min  
Delta R.T.: 0.001 min  
Response: 91996410  
Conc: 31.36 ng/ml



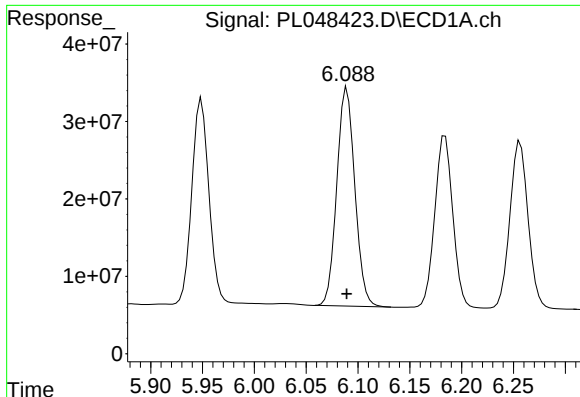
#14 Endrin

R.T.: 5.815 min  
Delta R.T.: 0.000 min  
Response: 395428184  
Conc: 32.48 ng/ml



#14 Endrin

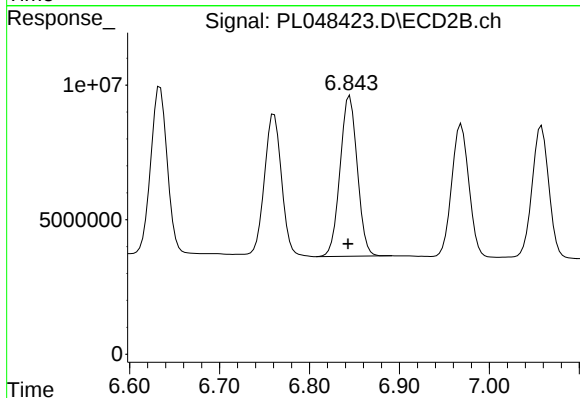
R.T.: 6.634 min  
Delta R.T.: 0.001 min  
Response: 79746866  
Conc: 30.58 ng/ml



#15 Endosulfan II

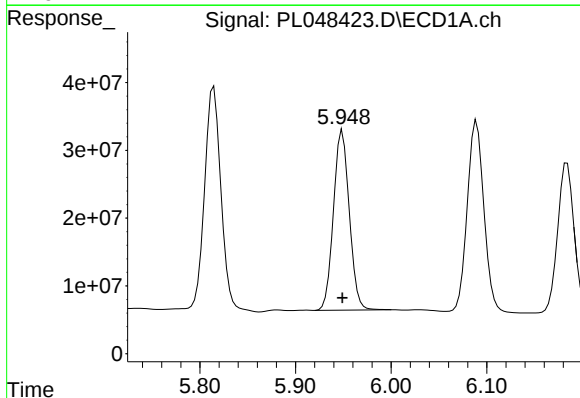
R.T.: 6.089 min  
Delta R.T.: 0.000 min  
Response: 341976017  
Conc: 29.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RBR-200050MSD



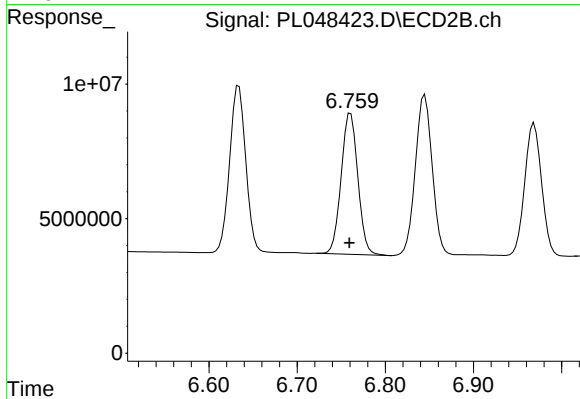
#15 Endosulfan II

R.T.: 6.845 min  
Delta R.T.: 0.002 min  
Response: 79232473  
Conc: 29.38 ng/ml



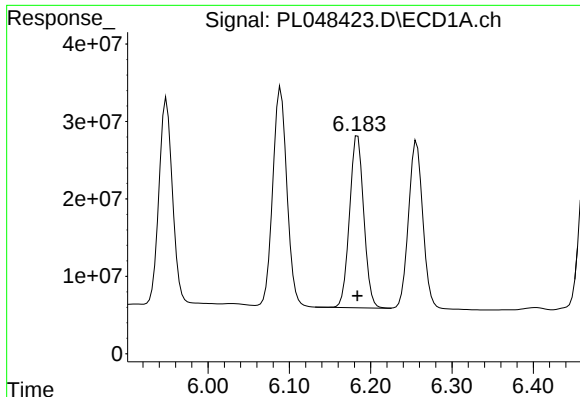
#16 4,4'-DDD

R.T.: 5.949 min  
Delta R.T.: 0.000 min  
Response: 304566713  
Conc: 31.29 ng/ml



#16 4,4'-DDD

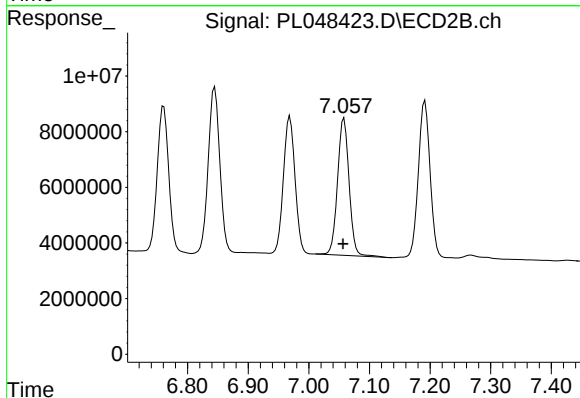
R.T.: 6.761 min  
Delta R.T.: 0.001 min  
Response: 69049658  
Conc: 30.77 ng/ml



#17 4,4'-DDT

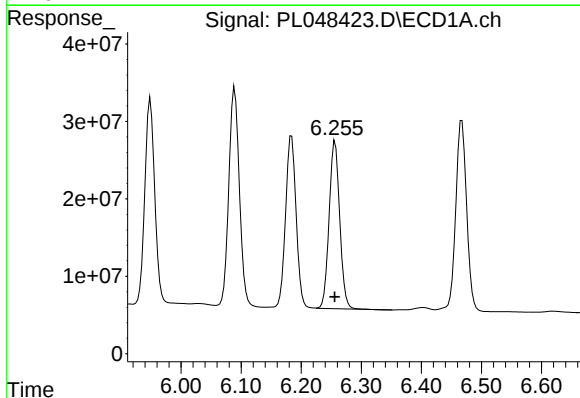
R.T.: 6.184 min  
Delta R.T.: 0.000 min  
Response: 269496308  
Conc: 26.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RBR-200050MSD



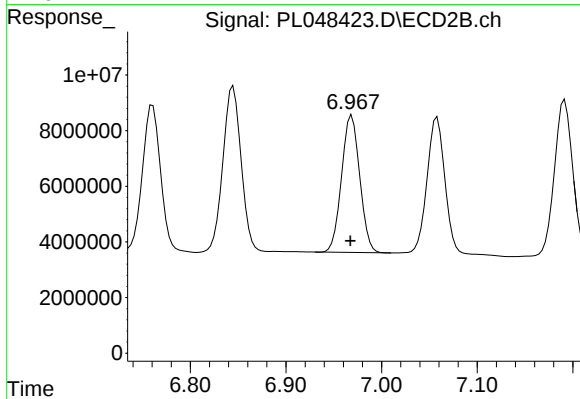
#17 4,4'-DDT

R.T.: 7.058 min  
Delta R.T.: 0.002 min  
Response: 65476354  
Conc: 27.90 ng/ml



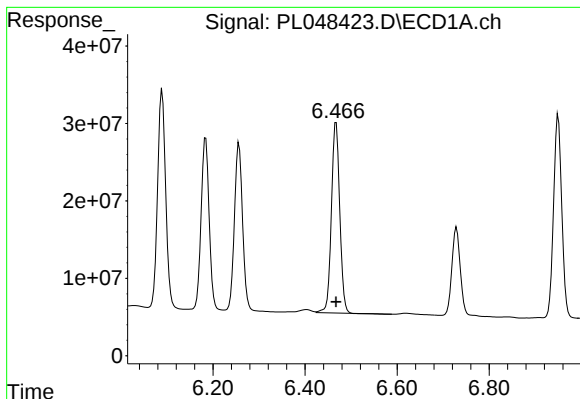
#18 Endrin aldehyde

R.T.: 6.257 min  
Delta R.T.: 0.000 min  
Response: 265735105  
Conc: 27.34 ng/ml



#18 Endrin aldehyde

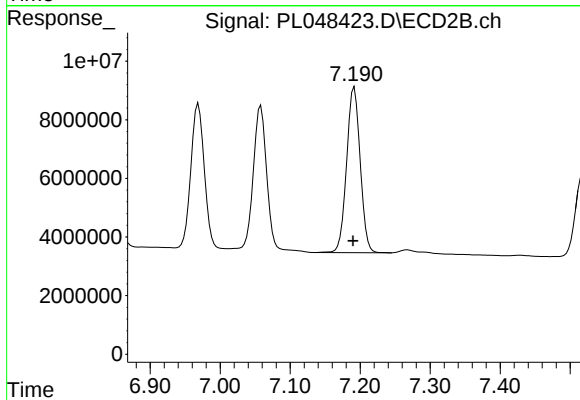
R.T.: 6.969 min  
Delta R.T.: 0.001 min  
Response: 65302986  
Conc: 27.87 ng/ml



#19 Endosulfan Sulfate

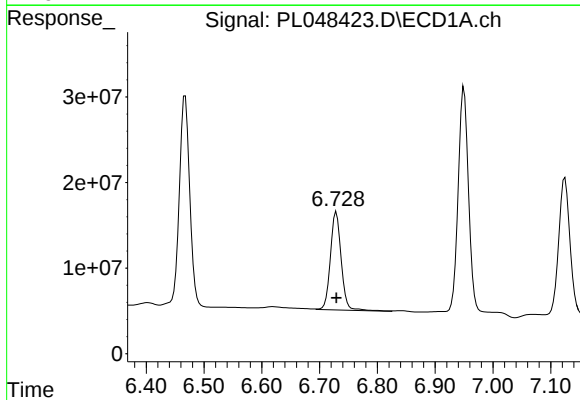
R.T.: 6.467 min  
Delta R.T.: 0.000 min  
Response: 309963061  
Conc: 28.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RBR-200050MSD



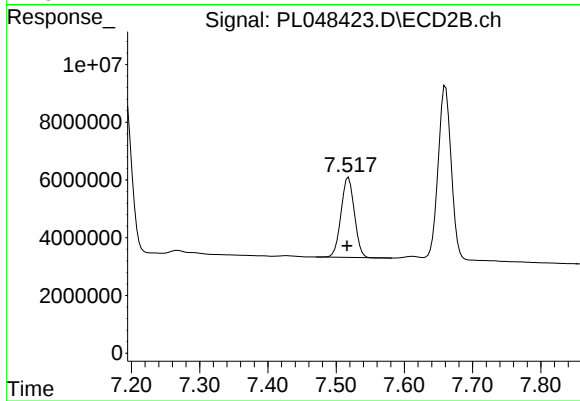
#19 Endosulfan Sulfate

R.T.: 7.192 min  
Delta R.T.: 0.002 min  
Response: 76261925  
Conc: 29.47 ng/ml



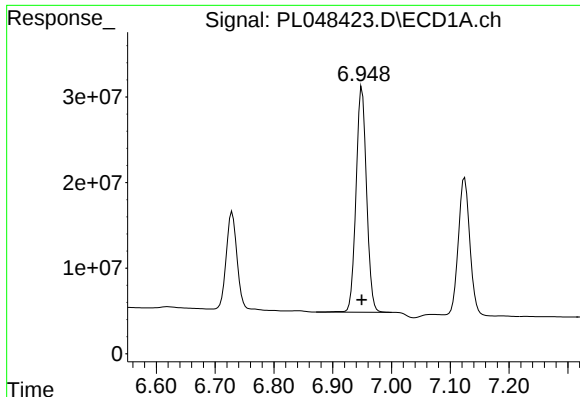
#20 Methoxychlor

R.T.: 6.729 min  
Delta R.T.: 0.000 min  
Response: 149012712  
Conc: 27.37 ng/ml



#20 Methoxychlor

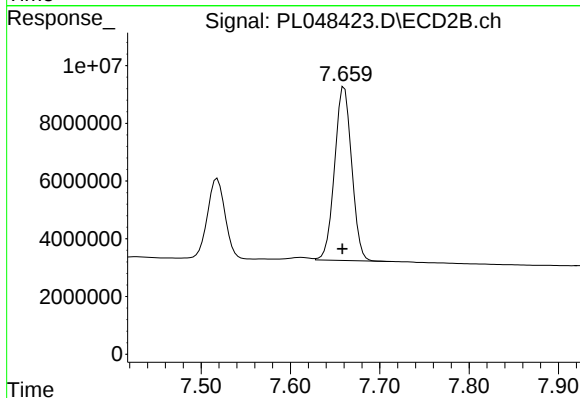
R.T.: 7.518 min  
Delta R.T.: 0.002 min  
Response: 37786667  
Conc: 27.68 ng/ml



#21 Endrin ketone

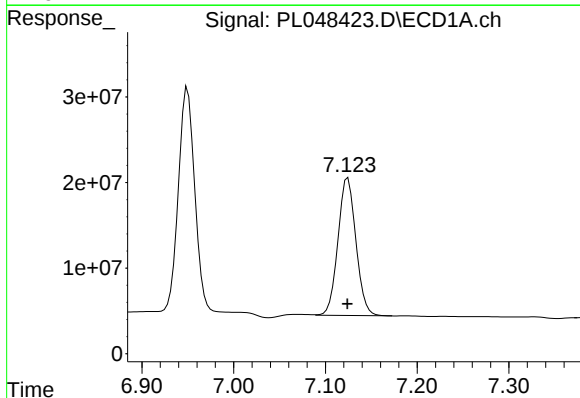
R.T.: 6.950 min  
Delta R.T.: 0.000 min  
Response: 325947108  
Conc: 27.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RBR-200050MSD



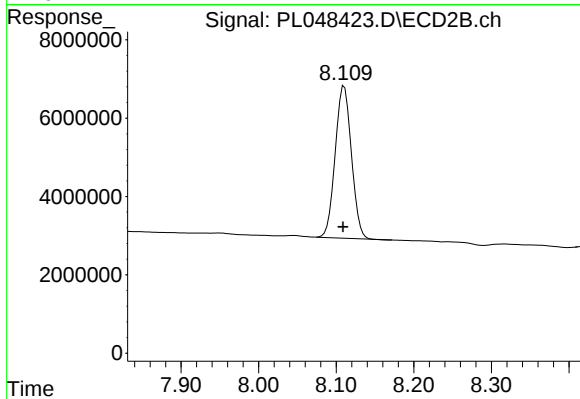
#21 Endrin ketone

R.T.: 7.660 min  
Delta R.T.: 0.002 min  
Response: 79951921  
Conc: 30.60 ng/ml



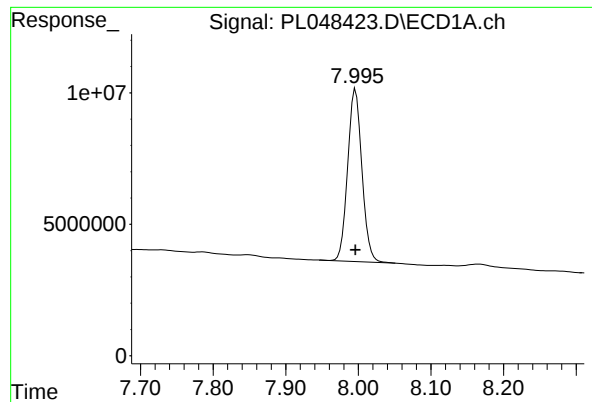
#22 Mirex

R.T.: 7.125 min  
Delta R.T.: 0.000 min  
Response: 218307235  
Conc: 24.35 ng/ml



#22 Mirex

R.T.: 8.110 min  
Delta R.T.: 0.002 min  
Response: 56495554  
Conc: 26.79 ng/ml



#28 Decachlorobiphenyl

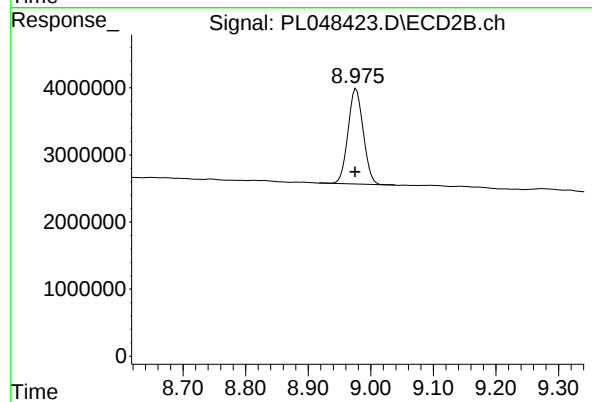
R.T.: 7.996 min

Delta R.T.: 0.000 min

Response: 89404167

Conc: 8.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RBR-200050MSD



#28 Decachlorobiphenyl

R.T.: 8.977 min

Delta R.T.: 0.002 min

Response: 24080603

Conc: 9.07 ng/ml