

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030519\  
 Data File : PL045504.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Mar 2019 22:21  
 Operator : AJ\SJ  
 Sample : K1704-07MS  
 Misc :  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PST-028-SW063-022719MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 06 00:16:54 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022719.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 27 17:00:03 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... | 3.363 | 3.982 | 141.0E6 | 43096296 | 20.498 | 20.124 |
| 28)                         | SA Decachlor... | 8.048 | 9.042 | 148.2E6 | 42429286 | 17.707 | 18.569 |
| Target Compounds            |                 |       |       |         |          |        |        |
| 2)                          | A alpha-BHC     | 3.794 | 4.373 | 594.4E6 | 165.2E6  | 53.515 | 54.382 |
| 3)                          | MA gamma-BHC... | 4.071 | 4.657 | 547.6E6 | 153.0E6  | 54.180 | 54.157 |
| 4)                          | MA Heptachlor   | 4.359 | 5.165 | 554.1E6 | 156.5E6  | 52.511 | 52.596 |
| 5)                          | MB Aldrin       | 4.600 | 5.469 | 509.7E6 | 141.6E6  | 52.408 | 52.422 |
| 6)                          | B beta-BHC      | 4.324 | 4.829 | 220.9E6 | 68516932 | 51.546 | 53.952 |
| 7)                          | B delta-BHC     | 4.521 | 5.046 | 509.7E6 | 106.2E6  | 53.331 | 49.374 |
| 8)                          | B Heptachlo...  | 5.037 | 5.855 | 481.2E6 | 120.6E6  | 51.562 | 50.225 |
| 9)                          | A Endosulfan I  | 5.370 | 6.212 | 450.8E6 | 125.8E6  | 50.434 | 50.510 |
| 10)                         | B gamma-Chl...  | 5.260 | 6.089 | 496.1E6 | 137.2E6  | 50.691 | 51.127 |
| 11)                         | B alpha-Chl...  | 5.317 | 6.162 | 489.3E6 | 136.7E6  | 50.459 | 50.663 |
| 12)                         | B 4,4'-DDE      | 5.484 | 6.320 | 446.5E6 | 118.9E6  | 50.868 | 50.895 |
| 13)                         | MA Dieldrin     | 5.609 | 6.469 | 488.3E6 | 130.6E6  | 51.091 | 50.809 |
| 14)                         | MA Endrin       | 5.863 | 6.686 | 437.1E6 | 109.6E6  | 48.538 | 48.176 |
| 15)                         | B Endosulfa...  | 6.138 | 6.896 | 418.9E6 | 114.5E6  | 48.320 | 48.687 |
| 16)                         | A 4,4'-DDD      | 5.996 | 6.810 | 359.7E6 | 97986467 | 49.121 | 50.953 |
| 17)                         | MA 4,4'-DDT     | 6.231 | 7.108 | 363.0E6 | 94997667 | 48.402 | 48.138 |
| 18)                         | B Endrin al...  | 6.305 | 7.020 | 323.9E6 | 91440160 | 44.317 | 44.731 |
| 19)                         | B Endosulfa...  | 6.516 | 7.243 | 383.1E6 | 109.8E6  | 47.134 | 48.811 |
| 20)                         | A Methoxychlor  | 6.776 | 7.567 | 191.7E6 | 55778023 | 43.652 | 45.443 |
| 21)                         | B Endrin ke...  | 7.000 | 7.713 | 441.9E6 | 116.6E6  | 47.963 | 49.027 |
| 22)                         | Mirex           | 7.176 | 8.165 | 335.6E6 | 93244474 | 45.102 | 46.817 |
| -----                       |                 |       |       |         |          |        |        |

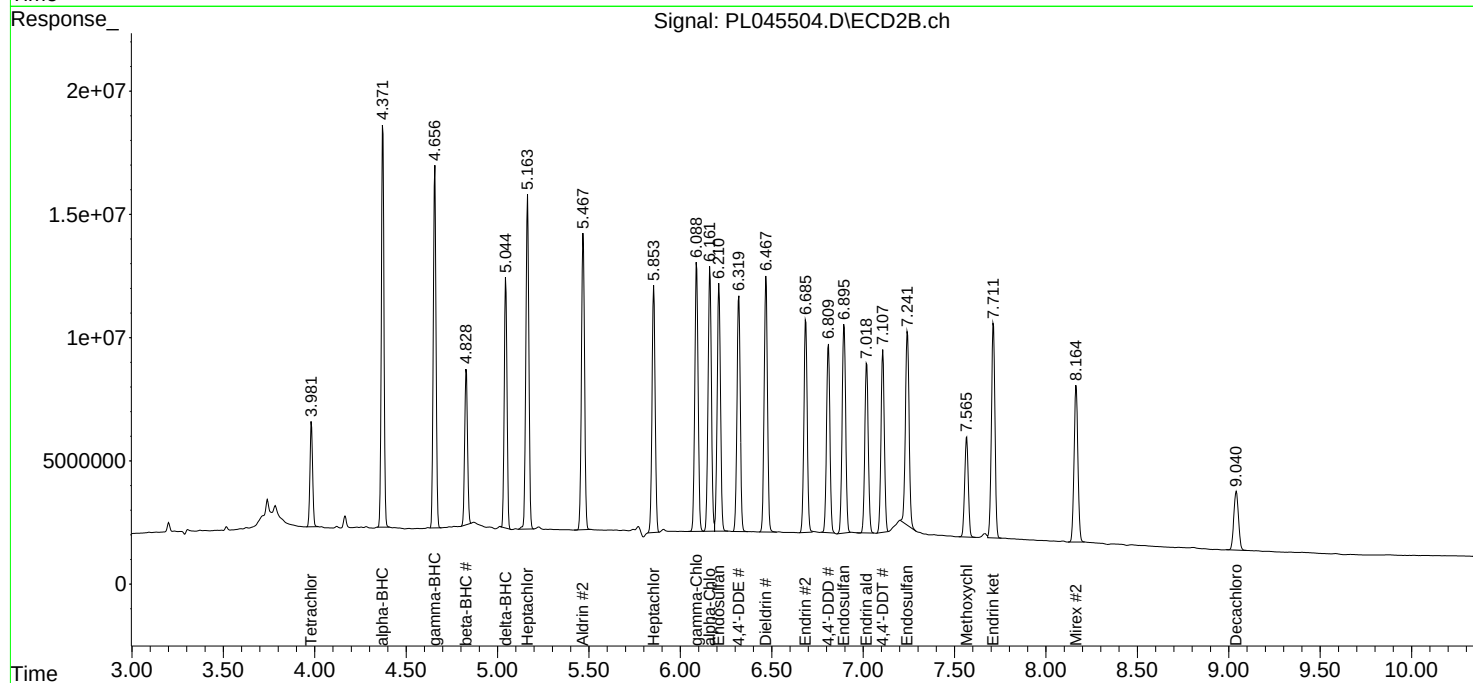
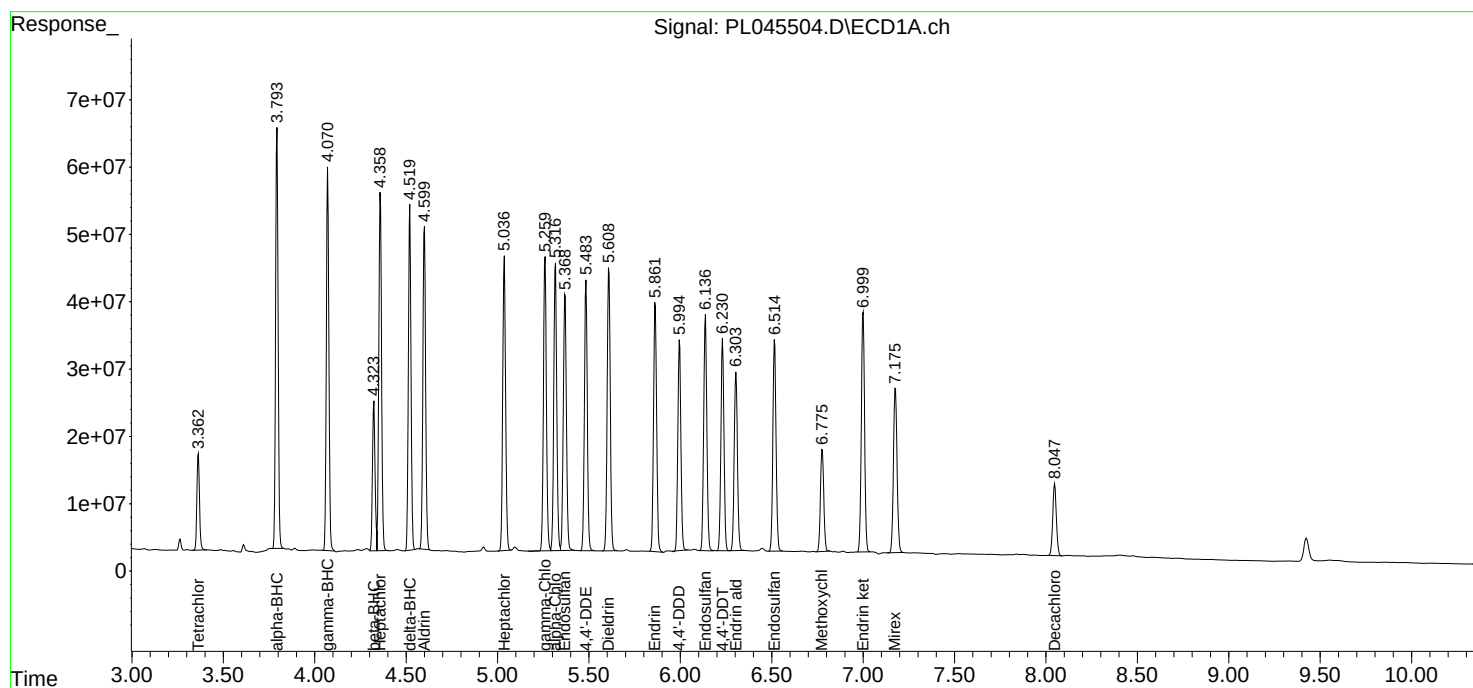
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

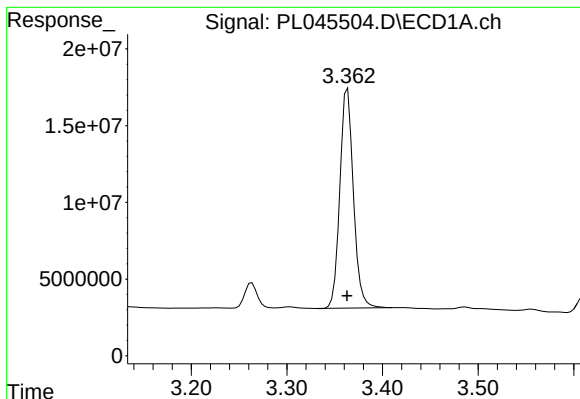
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030519\  
Data File : PL045504.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Mar 2019 22:21  
Operator : AJ\SJ  
Sample : K1704-07MS  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PST-028-SW063-022719MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 06 00:16:54 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022719.M  
Quant Title : GC Extractables  
QLast Update : Wed Feb 27 17:00:03 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

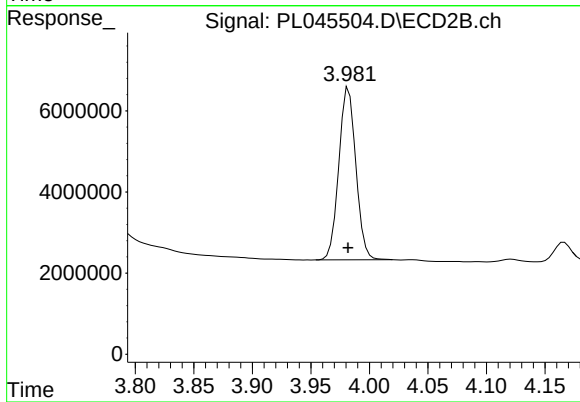




#1 Tetrachloro-m-xylene

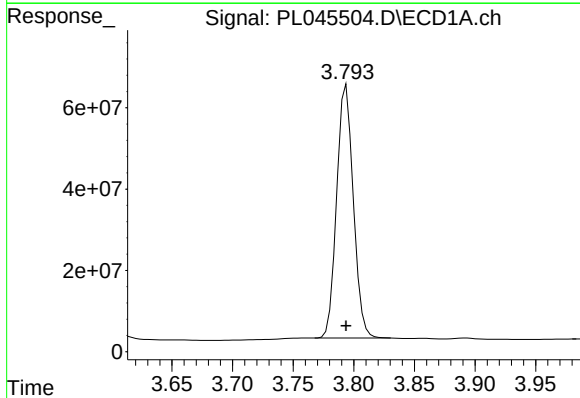
R.T.: 3.363 min  
Delta R.T.: 0.000 min  
Response: 141009339  
Conc: 20.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-028-SW063-022719MS



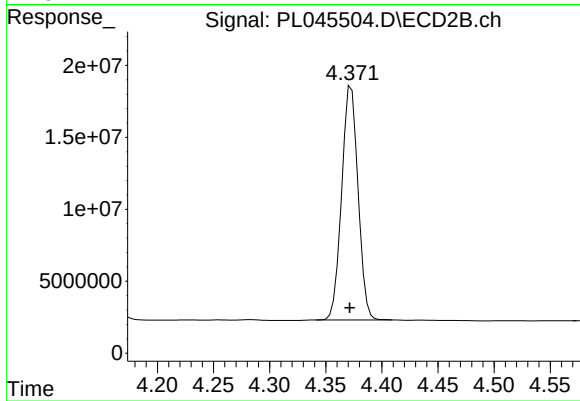
#1 Tetrachloro-m-xylene

R.T.: 3.982 min  
Delta R.T.: 0.000 min  
Response: 43096296  
Conc: 20.12 ng/ml



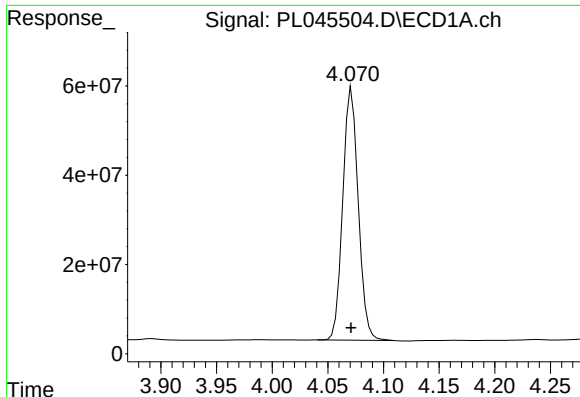
#2 alpha-BHC

R.T.: 3.794 min  
Delta R.T.: 0.000 min  
Response: 594412562  
Conc: 53.52 ng/ml



#2 alpha-BHC

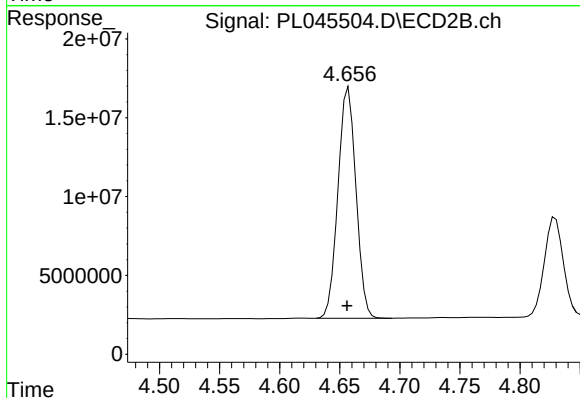
R.T.: 4.373 min  
Delta R.T.: 0.001 min  
Response: 165247595  
Conc: 54.38 ng/ml



#3 gamma-BHC (Lindane)

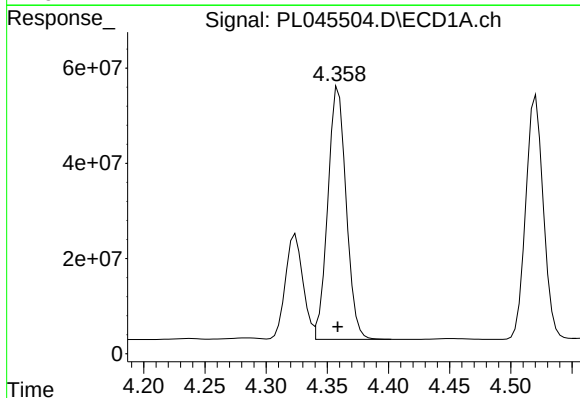
R.T.: 4.071 min  
Delta R.T.: 0.000 min  
Response: 547609705  
Conc: 54.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-028-SW063-022719MS



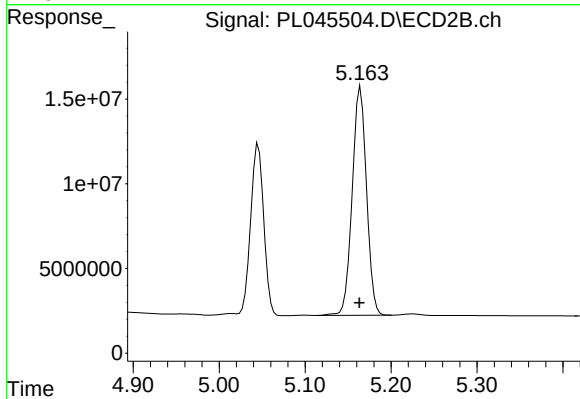
#3 gamma-BHC (Lindane)

R.T.: 4.657 min  
Delta R.T.: 0.001 min  
Response: 152971793  
Conc: 54.16 ng/ml



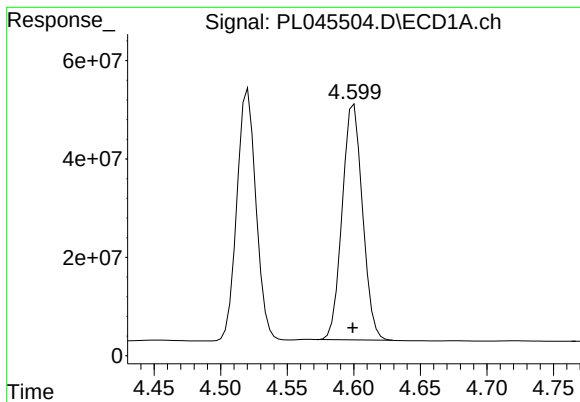
#4 Heptachlor

R.T.: 4.359 min  
Delta R.T.: 0.000 min  
Response: 554111760  
Conc: 52.51 ng/ml



#4 Heptachlor

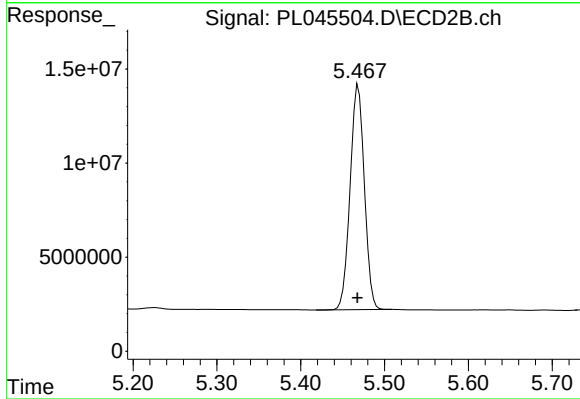
R.T.: 5.165 min  
Delta R.T.: 0.001 min  
Response: 156469673  
Conc: 52.60 ng/ml



#5 Aldrin

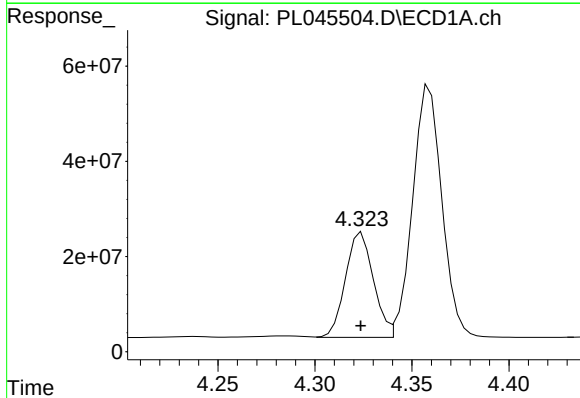
R.T.: 4.600 min  
Delta R.T.: 0.000 min  
Response: 509738201  
Conc: 52.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-028-SW063-022719MS



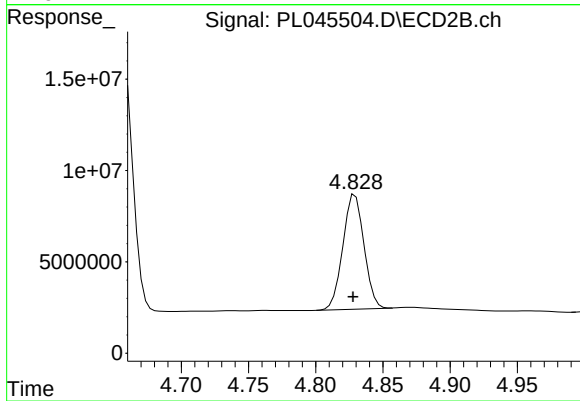
#5 Aldrin

R.T.: 5.469 min  
Delta R.T.: 0.001 min  
Response: 141590029  
Conc: 52.42 ng/ml



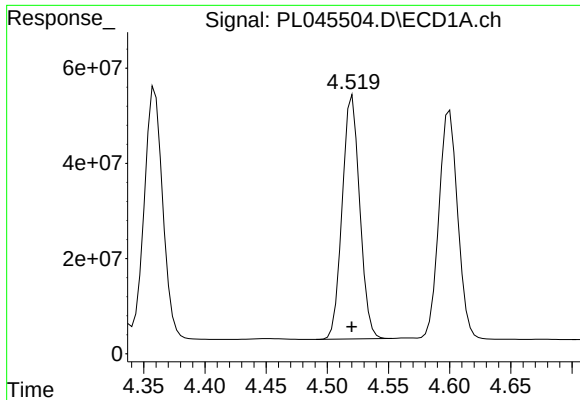
#6 beta-BHC

R.T.: 4.324 min  
Delta R.T.: 0.000 min  
Response: 220930494  
Conc: 51.55 ng/ml



#6 beta-BHC

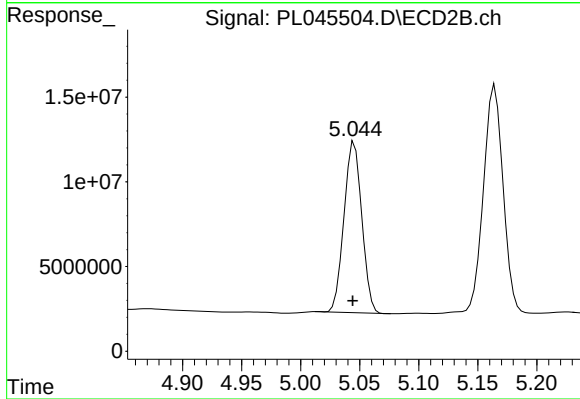
R.T.: 4.829 min  
Delta R.T.: 0.002 min  
Response: 68516932  
Conc: 53.95 ng/ml



#7 delta-BHC

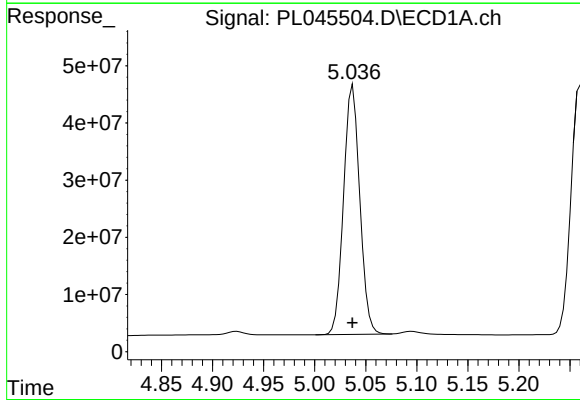
R.T.: 4.521 min  
Delta R.T.: 0.000 min  
Response: 509728370  
Conc: 53.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-028-SW063-022719MS



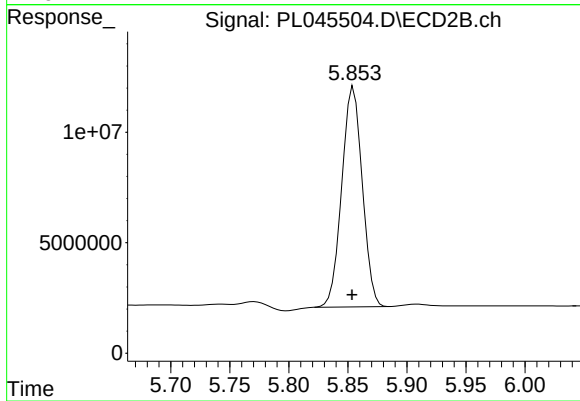
#7 delta-BHC

R.T.: 5.046 min  
Delta R.T.: 0.002 min  
Response: 106198087  
Conc: 49.37 ng/ml



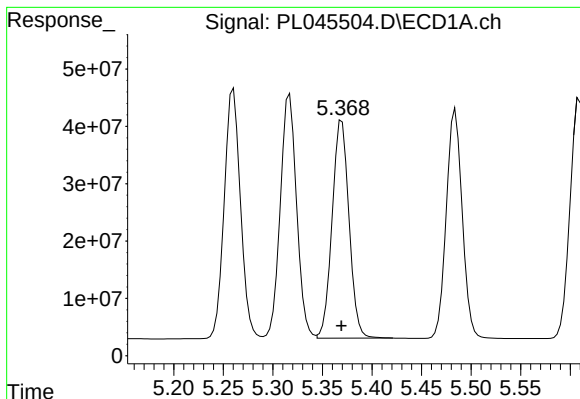
#8 Heptachlor epoxide

R.T.: 5.037 min  
Delta R.T.: 0.000 min  
Response: 481233568  
Conc: 51.56 ng/ml



#8 Heptachlor epoxide

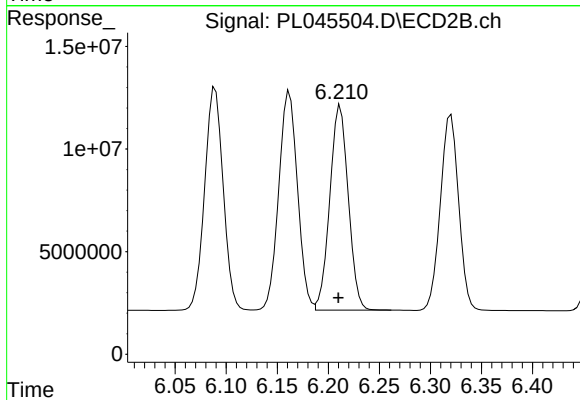
R.T.: 5.855 min  
Delta R.T.: 0.001 min  
Response: 120637996  
Conc: 50.23 ng/ml



#9 Endosulfan I

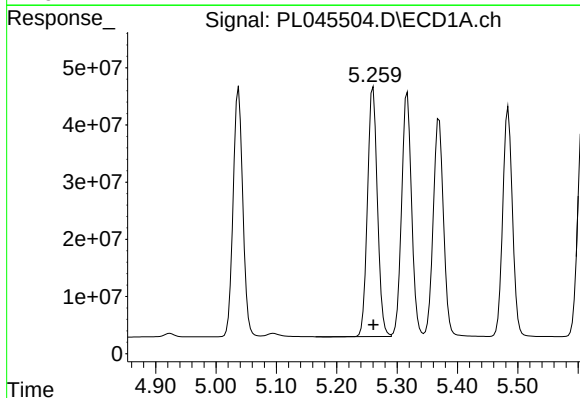
R.T.: 5.370 min  
Delta R.T.: 0.000 min  
Response: 450798229  
Conc: 50.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-028-SW063-022719MS



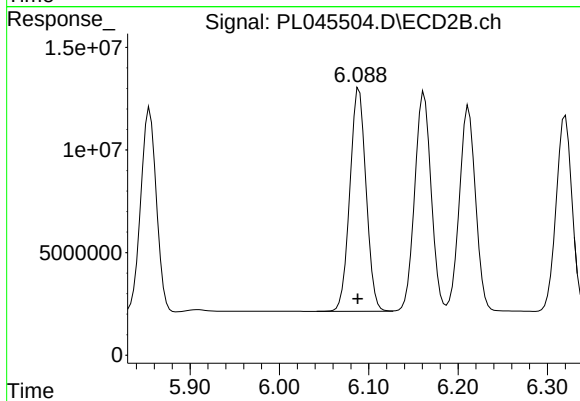
#9 Endosulfan I

R.T.: 6.212 min  
Delta R.T.: 0.002 min  
Response: 125783138  
Conc: 50.51 ng/ml



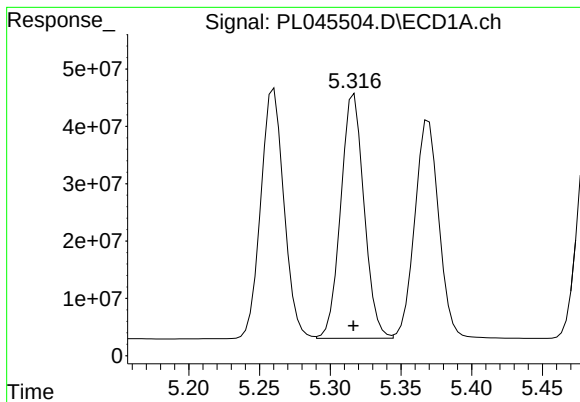
#10 gamma-Chlordane

R.T.: 5.260 min  
Delta R.T.: 0.000 min  
Response: 496111535  
Conc: 50.69 ng/ml



#10 gamma-Chlordane

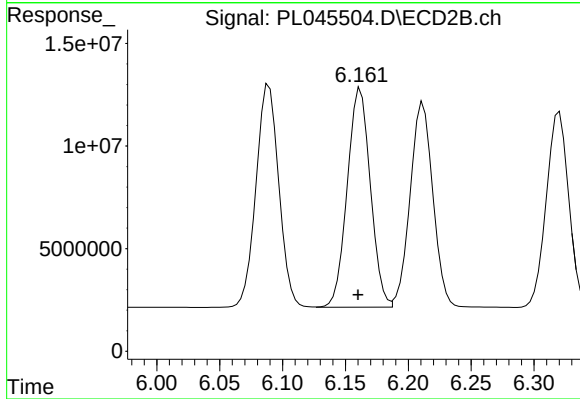
R.T.: 6.089 min  
Delta R.T.: 0.002 min  
Response: 137170178  
Conc: 51.13 ng/ml



#11 alpha-Chlordane

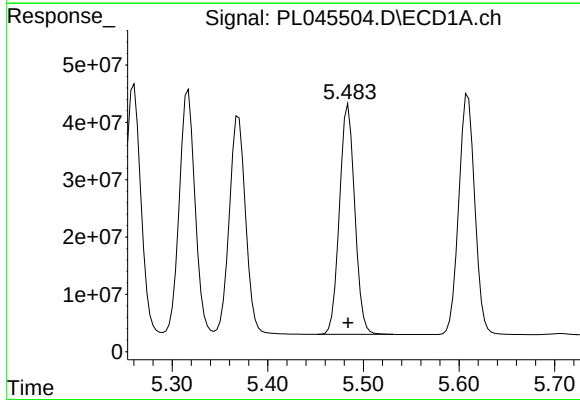
R.T.: 5.317 min  
Delta R.T.: 0.000 min  
Response: 489300420  
Conc: 50.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-028-SW063-022719MS



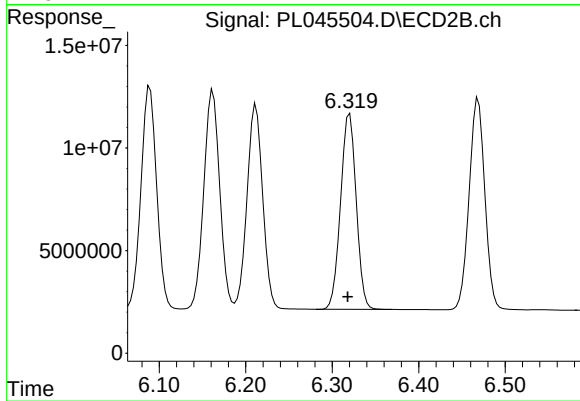
#11 alpha-Chlordane

R.T.: 6.162 min  
Delta R.T.: 0.002 min  
Response: 136672113  
Conc: 50.66 ng/ml



#12 4,4'-DDE

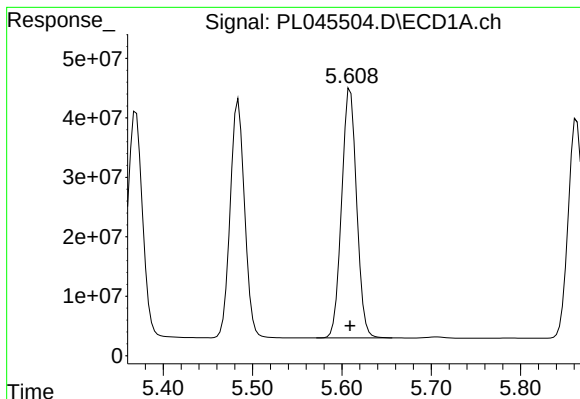
R.T.: 5.484 min  
Delta R.T.: 0.000 min  
Response: 446528891  
Conc: 50.87 ng/ml



#12 4,4'-DDE

R.T.: 6.320 min  
Delta R.T.: 0.002 min  
Response: 118886592  
Conc: 50.90 ng/ml

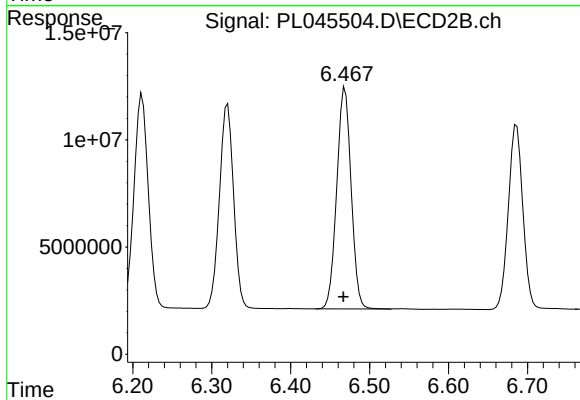




#13 Dieldrin

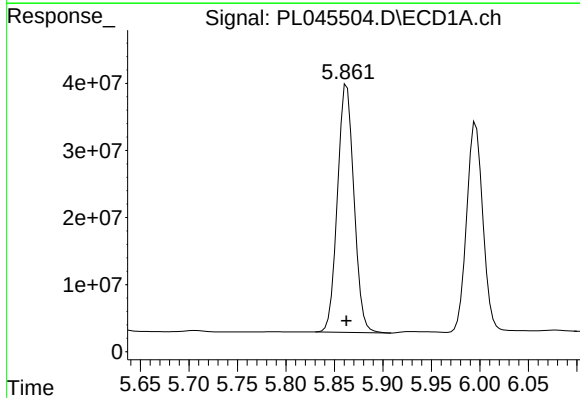
R.T.: 5.609 min  
Delta R.T.: 0.000 min  
Response: 488321985  
Conc: 51.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-028-SW063-022719MS



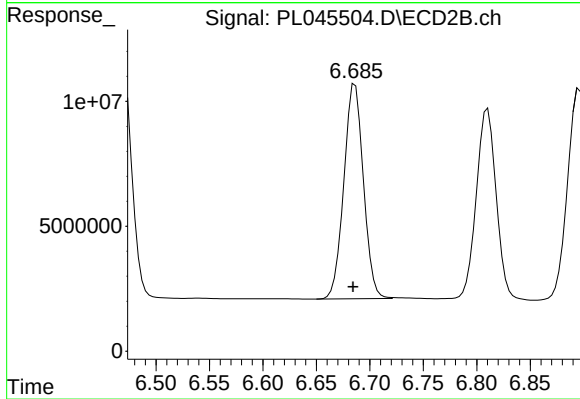
#13 Dieldrin

R.T.: 6.469 min  
Delta R.T.: 0.002 min  
Response: 130565076  
Conc: 50.81 ng/ml



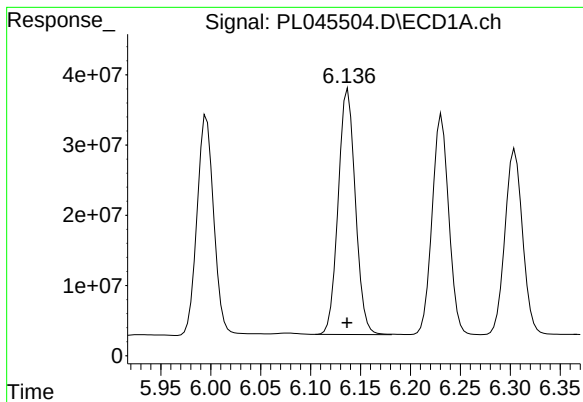
#14 Endrin

R.T.: 5.863 min  
Delta R.T.: 0.000 min  
Response: 437116226  
Conc: 48.54 ng/ml



#14 Endrin

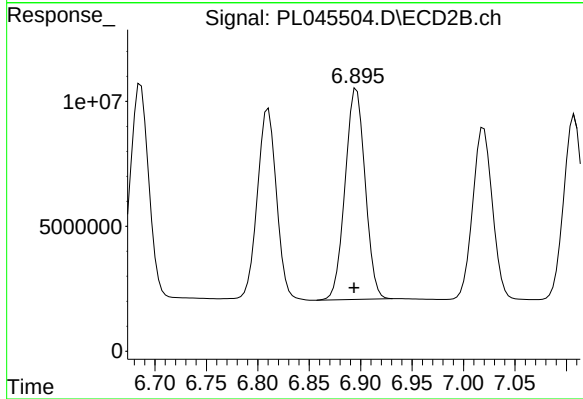
R.T.: 6.686 min  
Delta R.T.: 0.002 min  
Response: 109615016  
Conc: 48.18 ng/ml



#15 Endosulfan II

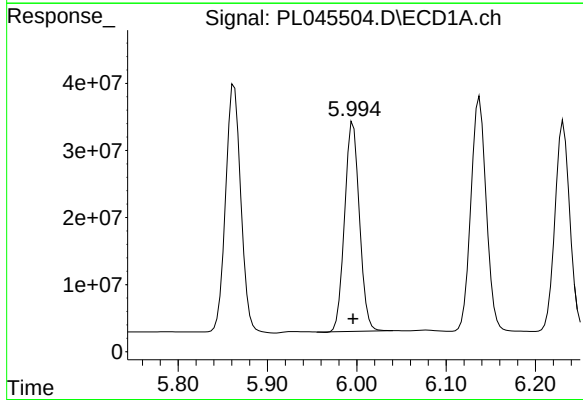
R.T.: 6.138 min  
Delta R.T.: 0.000 min  
Response: 418864883  
Conc: 48.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-028-SW063-022719MS



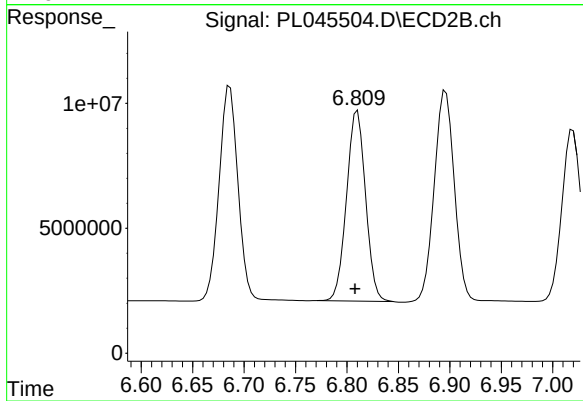
#15 Endosulfan II

R.T.: 6.896 min  
Delta R.T.: 0.002 min  
Response: 114493202  
Conc: 48.69 ng/ml



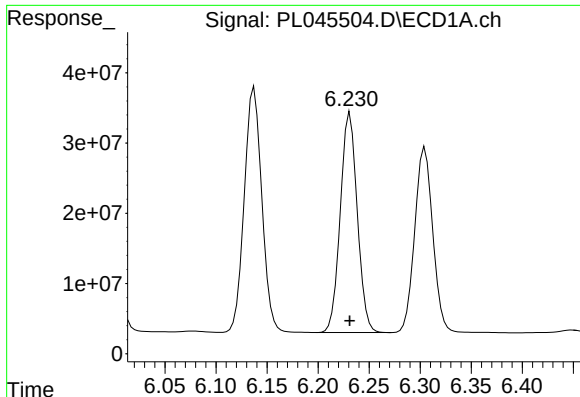
#16 4,4'-DDD

R.T.: 5.996 min  
Delta R.T.: 0.000 min  
Response: 359658023  
Conc: 49.12 ng/ml



#16 4,4'-DDD

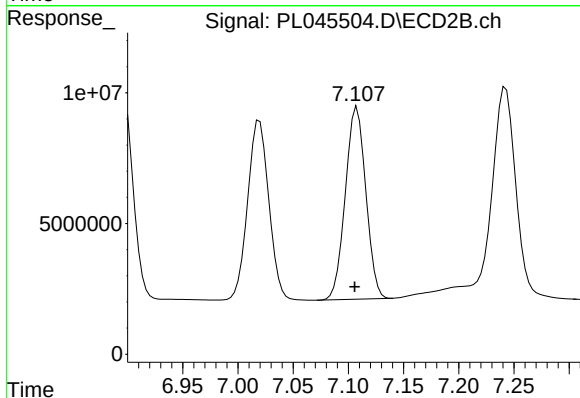
R.T.: 6.810 min  
Delta R.T.: 0.002 min  
Response: 97986467  
Conc: 50.95 ng/ml



#17 4,4'-DDT

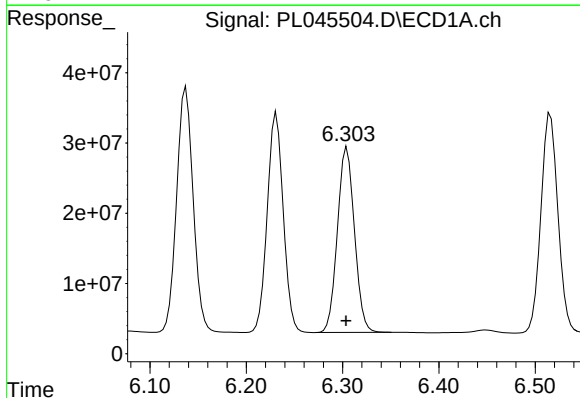
R.T.: 6.231 min  
Delta R.T.: 0.000 min  
Response: 363018277  
Conc: 48.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-028-SW063-022719MS



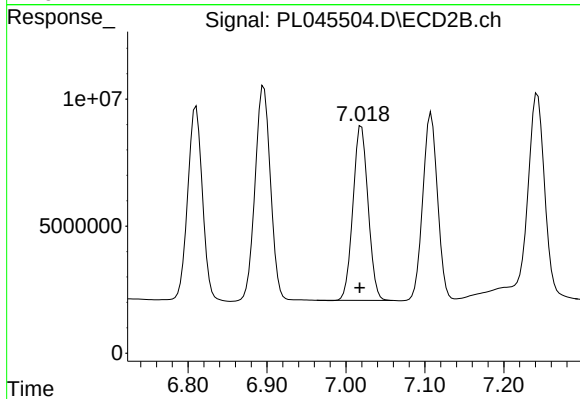
#17 4,4'-DDT

R.T.: 7.108 min  
Delta R.T.: 0.002 min  
Response: 94997667  
Conc: 48.14 ng/ml



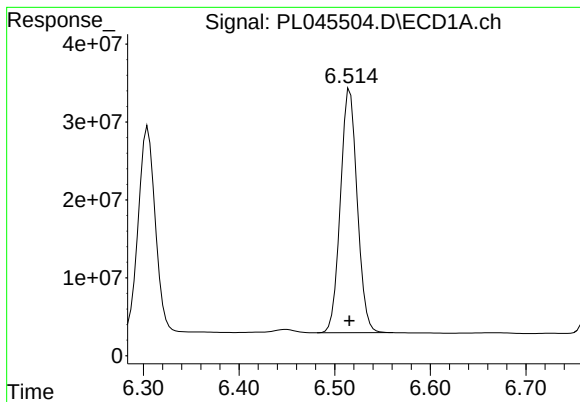
#18 Endrin aldehyde

R.T.: 6.305 min  
Delta R.T.: 0.000 min  
Response: 323937702  
Conc: 44.32 ng/ml



#18 Endrin aldehyde

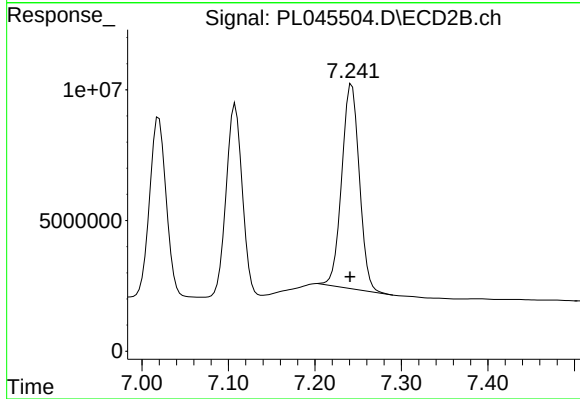
R.T.: 7.020 min  
Delta R.T.: 0.002 min  
Response: 91440160  
Conc: 44.73 ng/ml



#19 Endosulfan Sulfate

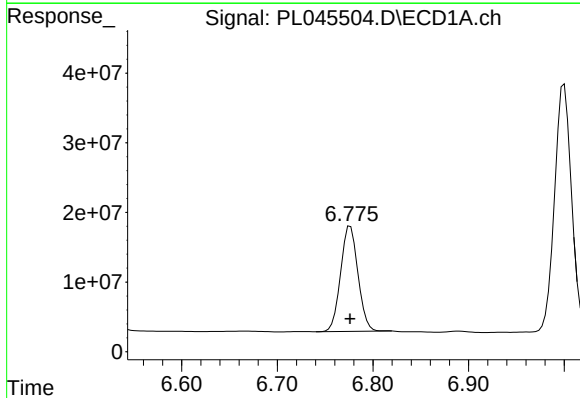
R.T.: 6.516 min  
Delta R.T.: 0.000 min  
Response: 383109050  
Conc: 47.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-028-SW063-022719MS



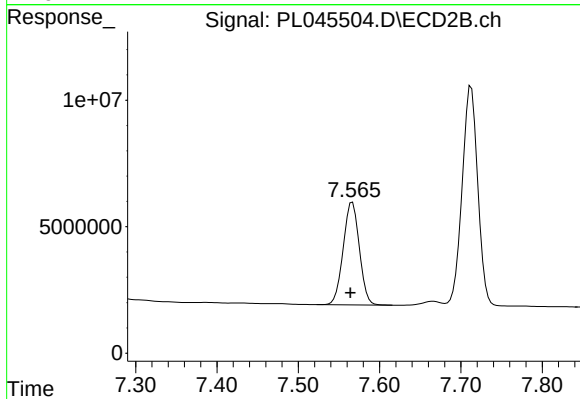
#19 Endosulfan Sulfate

R.T.: 7.243 min  
Delta R.T.: 0.002 min  
Response: 109801847  
Conc: 48.81 ng/ml



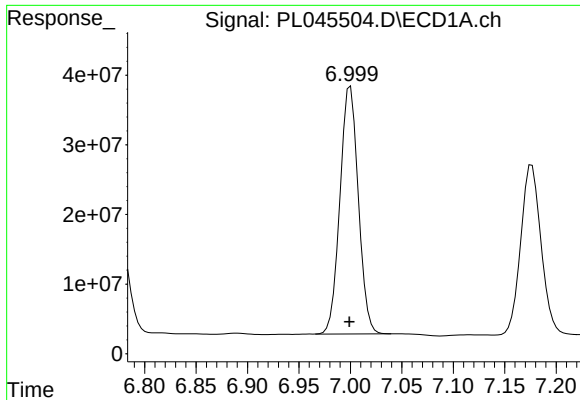
#20 Methoxychlor

R.T.: 6.776 min  
Delta R.T.: 0.000 min  
Response: 191706253  
Conc: 43.65 ng/ml



#20 Methoxychlor

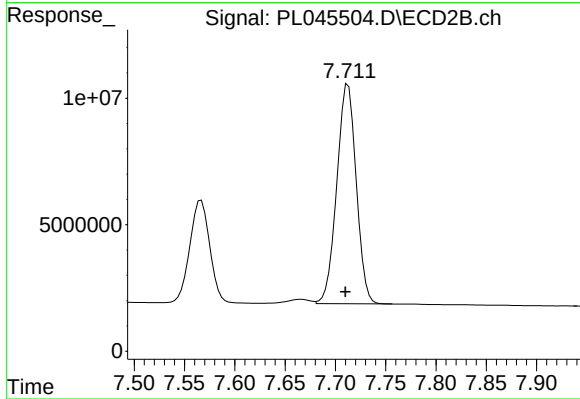
R.T.: 7.567 min  
Delta R.T.: 0.002 min  
Response: 55778023  
Conc: 45.44 ng/ml



#21 Endrin ketone

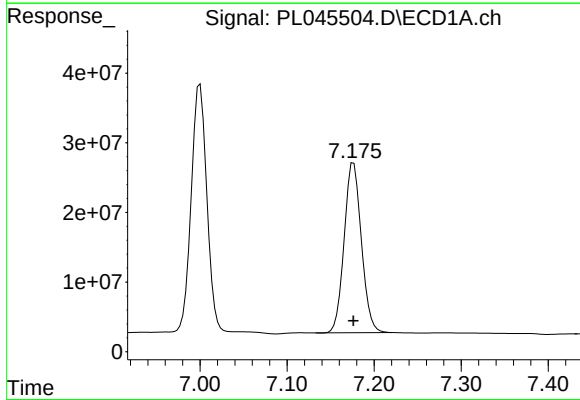
R.T.: 7.000 min  
Delta R.T.: 0.000 min  
Response: 441875951  
Conc: 47.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-028-SW063-022719MS



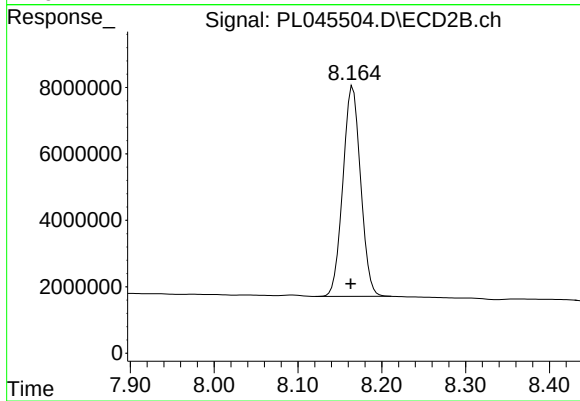
#21 Endrin ketone

R.T.: 7.713 min  
Delta R.T.: 0.003 min  
Response: 116606771  
Conc: 49.03 ng/ml



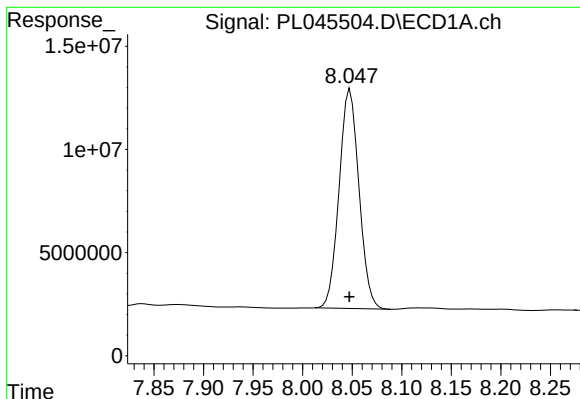
#22 Mirex

R.T.: 7.176 min  
Delta R.T.: 0.000 min  
Response: 335563572  
Conc: 45.10 ng/ml



#22 Mirex

R.T.: 8.165 min  
Delta R.T.: 0.003 min  
Response: 93244474  
Conc: 46.82 ng/ml



#28 Decachlorobiphenyl

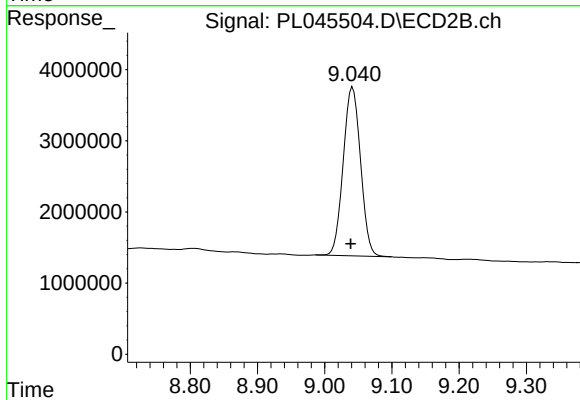
R.T.: 8.048 min

Delta R.T.: 0.000 min

Response: 148165816

Conc: 17.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-028-SW063-022719MS



#28 Decachlorobiphenyl

R.T.: 9.042 min

Delta R.T.: 0.003 min

Response: 42429286

Conc: 18.57 ng/ml