

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD110220\  
 Data File : PD060029.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Nov 2020 16:54  
 Operator : DD\AJ  
 Sample : L4548-19  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 03 01:44:18 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD110220.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 03 01:26:25 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml     | ng/ml       |
|-----------------------------|-----------------|--------|--------|----------|----------|-----------|-------------|
| -----                       |                 |        |        |          |          |           |             |
| System Monitoring Compounds |                 |        |        |          |          |           |             |
| 1)                          | SA Tetrachlo... | 3.506  | 4.022  | 15940901 | 88368674 | 19.294    | 29.900 #    |
| 28)                         | SA Decachlor... | 8.306  | 9.111  | 17443120 | 44183627 | 20.724    | 19.482      |
| Target Compounds            |                 |        |        |          |          |           |             |
| 2)                          | A alpha-BHC     | 3.948  | 4.415  | 1301.9E6 | 4492.5E6 | 991.371   | 960.181     |
| 3)                          | MA gamma-BHC... | 4.234  | 4.701  | 752.1E6  | 2571.1E6 | 603.267   | 600.685     |
| 4)                          | MA Heptachlor   | 4.542  | 5.213  | 390.0E6  | 1313.2E6 | 320.266   | 323.086     |
| 5)                          | MB Aldrin       | 4.794  | 5.519  | 580.7E6  | 1868.3E6 | 492.662   | 493.424     |
| 6)                          | B beta-BHC      | 4.484  | 4.868  | 288.8E6  | 1016.6E6 | 546.704   | 570.328     |
| 7)                          | B delta-BHC     | 4.693  | 5.087  | 277.6E6  | 733.6E6  | 224.476   | 232.441     |
| 8)                          | B Heptachlo...  | 5.240  | 5.906  | 1050.0E6 | 3052.0E6 | 954.447   | 954.610     |
| 9)                          | A Endosulfan I  | 5.583  | 6.264  | 295.3E6  | 958.3E6  | 283.902   | 294.084     |
| 10)                         | B gamma-Chl...  | 5.470  | 6.140  | 231.3E6  | 777.2E6  | 207.937   | 219.591     |
| 11)                         | B alpha-Chl...  | 5.529  | 6.213  | 976.9E6  | 3115.7E6 | 884.629   | 885.563     |
| 12)                         | B 4,4'-DDE      | 5.693  | 6.368  | 761.6E6  | 2341.2E6 | 684.520   | 703.245     |
| 13)                         | MA Dieldrin     | 5.828  | 6.522  | 498.2E6  | 1567.0E6 | 442.959   | 448.214     |
| 14)                         | MA Endrin       | 6.088  | 6.740  | 237.6E6  | 737.3E6  | 239.682   | 250.852     |
| 15)                         | B Endosulfa...  | 6.362  | 6.948  | 330.2E6  | 1031.5E6 | 331.289   | 340.496     |
| 16)                         | A 4,4'-DDD      | 6.213  | 6.859  | 906.8E6  | 2665.8E6 | 965.866   | 980.277     |
| 17)                         | MA 4,4'-DDT     | 6.456  | 7.158  | 584.1E6  | 1916.2E6 | 614.426   | 675.890     |
| 18)                         | B Endrin al...  | 6.531  | 7.072  | 253.0E6  | 814.3E6  | 306.967   | 321.847     |
| 19)                         | B Endosulfa...  | 6.745  | 7.295  | 420.6E6  | 1418.6E6 | 480.862   | 497.957     |
| 20)                         | A Methoxychlor  | 7.005  | 7.615  | 148.6E6  | 472.9E6  | 304.236   | 305.803     |
| 21)                         | B Endrin ke...  | 7.241  | 7.768  | 491.1E6  | 1399.7E6 | 457.881   | 453.254     |
| 23)                         | Chlordane-1     | 0.000  | 5.052f | 0        | 8819360  | N.D.      | 77.978 #    |
| 24)                         | Chlordane-2     | 4.916f | 5.519f | 1377074  | 1868.3E6 | 44.468    | 17076.124 # |
| 25)                         | Chlordane-3     | 5.470  | 6.140  | 231.3E6  | 777.2E6  | 2520.272  | 1836.276 #  |
| 26)                         | Chlordane-4     | 5.529  | 6.213  | 976.9E6  | 3115.7E6 | 12856.508 | 6220.381 #  |
| 27)                         | Chlordane-5     | 6.362  | 0.000  | 330.2E6  | 0        | 9769.601  | N.D. #      |
| -----                       |                 |        |        |          |          |           |             |

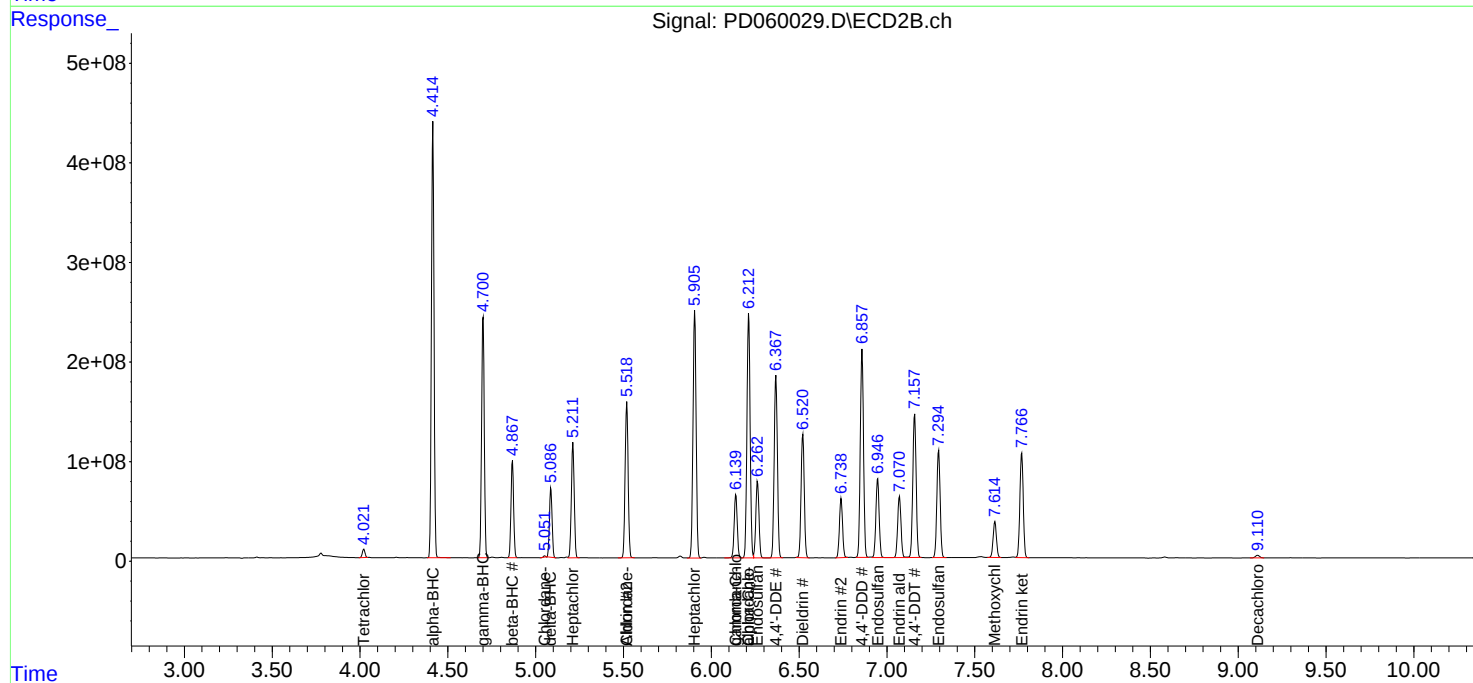
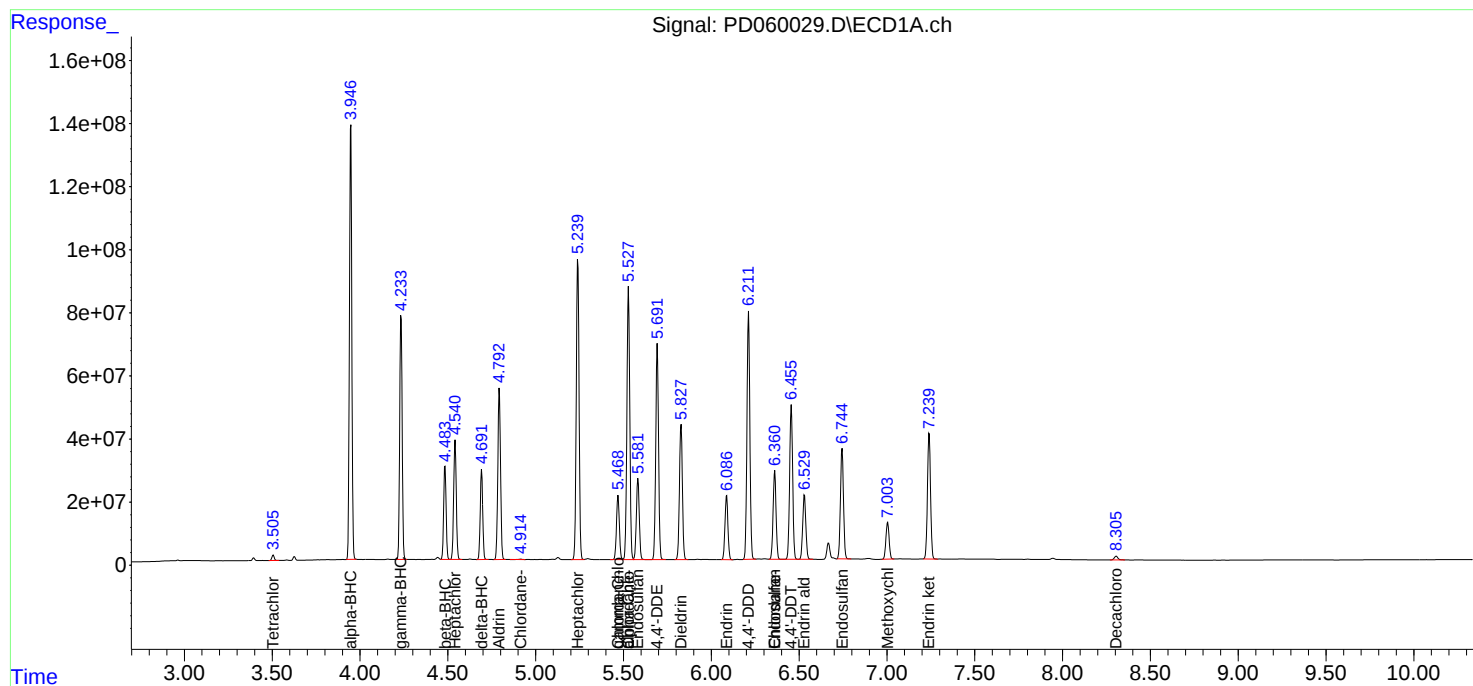
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

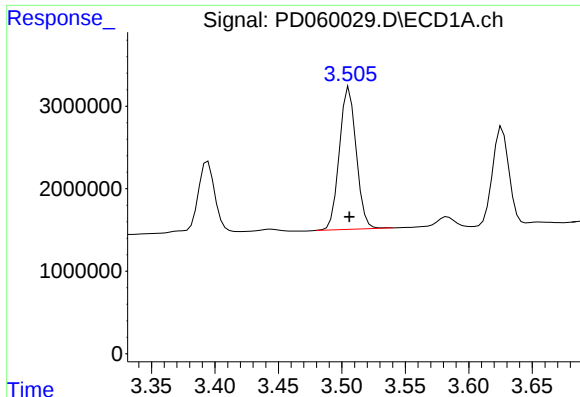
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD110220\  
Data File : PD060029.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Nov 2020 16:54  
Operator : DD\AJ  
Sample : L4548-19  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 03 01:44:18 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD110220.M  
Quant Title : GC Extractables  
QLast Update : Tue Nov 03 01:26:25 2020  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

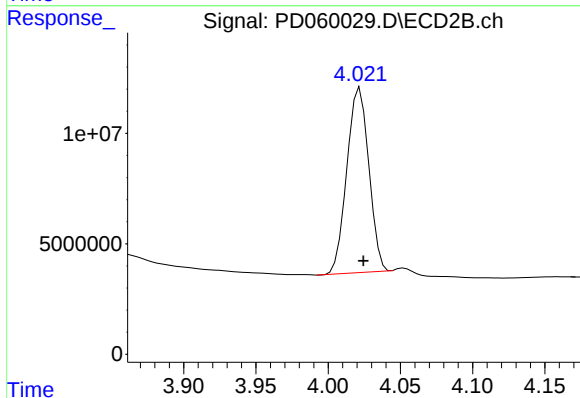




#1 Tetrachloro-m-xylene

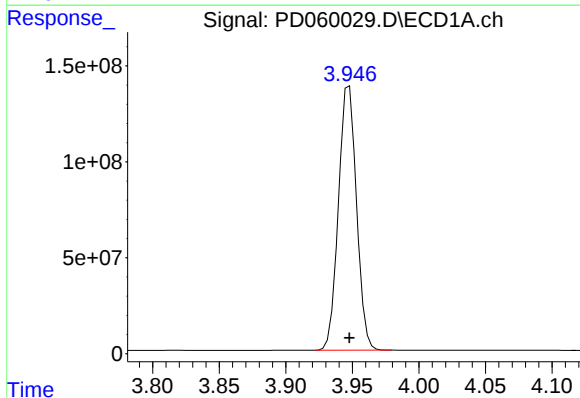
R.T.: 3.506 min  
Delta R.T.: 0.000 min  
Response: 15940901  
Conc: 19.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



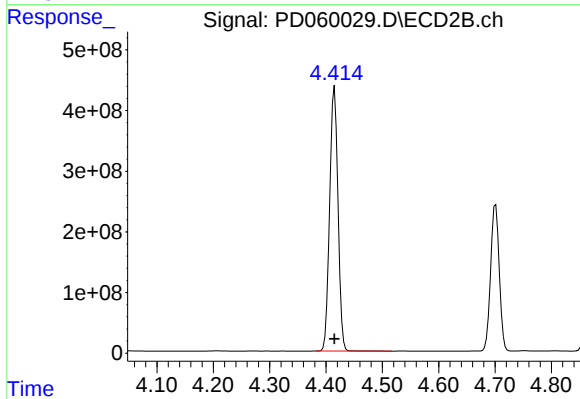
#1 Tetrachloro-m-xylene

R.T.: 4.022 min  
Delta R.T.: -0.002 min  
Response: 88368674  
Conc: 29.90 ng/ml



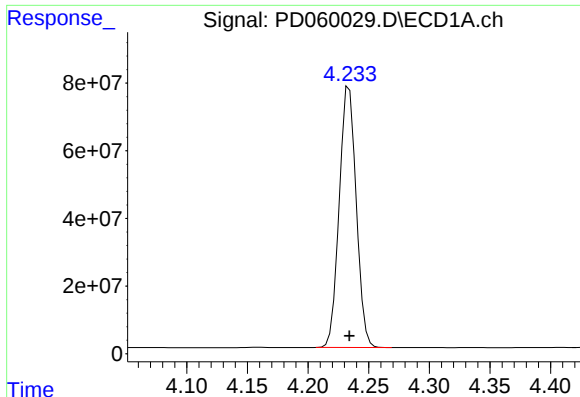
#2 alpha-BHC

R.T.: 3.948 min  
Delta R.T.: 0.000 min  
Response: 1301911162  
Conc: 991.37 ng/ml



#2 alpha-BHC

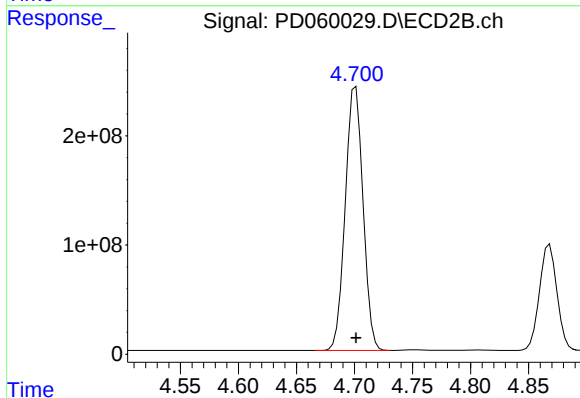
R.T.: 4.415 min  
Delta R.T.: 0.000 min  
Response: 4492489584  
Conc: 960.18 ng/ml



#3 gamma-BHC (Lindane)

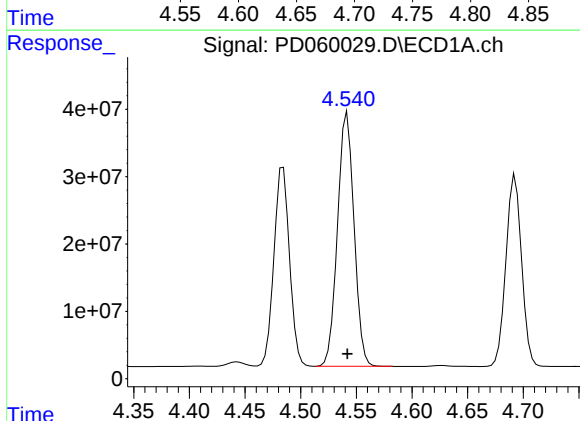
R.T.: 4.234 min  
Delta R.T.: 0.000 min  
Response: 752100893  
Conc: 603.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



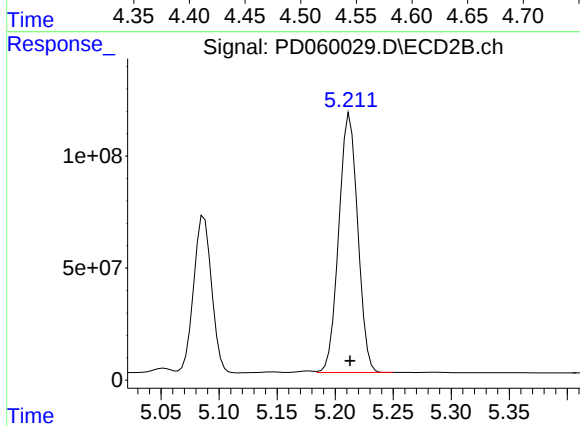
#3 gamma-BHC (Lindane)

R.T.: 4.701 min  
Delta R.T.: 0.000 min  
Response: 2571132292  
Conc: 600.68 ng/ml



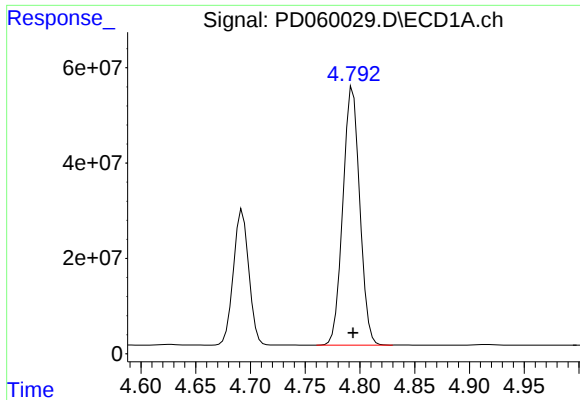
#4 Heptachlor

R.T.: 4.542 min  
Delta R.T.: 0.000 min  
Response: 390004718  
Conc: 320.27 ng/ml



#4 Heptachlor

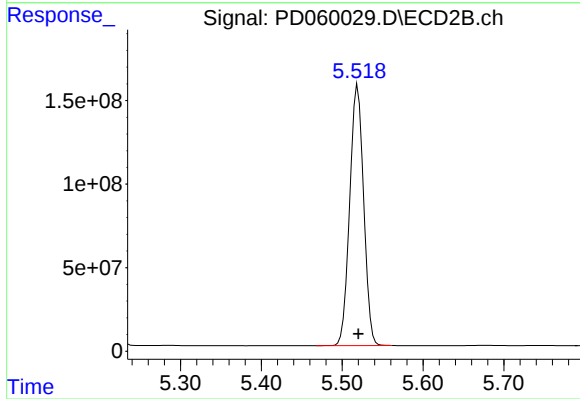
R.T.: 5.213 min  
Delta R.T.: 0.000 min  
Response: 1313243643  
Conc: 323.09 ng/ml



#5 Aldrin

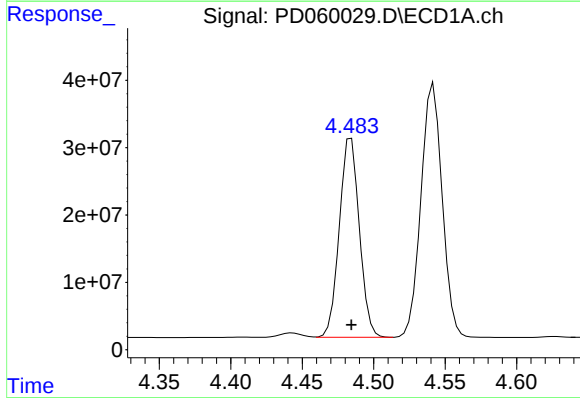
R.T.: 4.794 min  
Delta R.T.: 0.000 min  
Response: 580743683  
Conc: 492.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



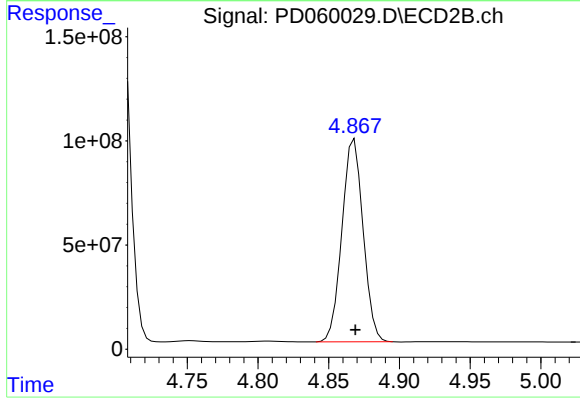
#5 Aldrin

R.T.: 5.519 min  
Delta R.T.: 0.000 min  
Response: 1868294295  
Conc: 493.42 ng/ml



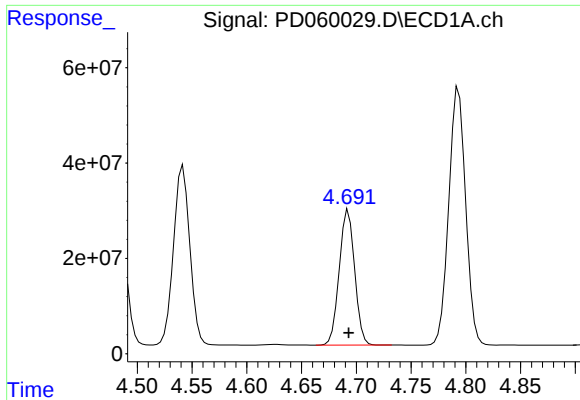
#6 beta-BHC

R.T.: 4.484 min  
Delta R.T.: 0.000 min  
Response: 288811085  
Conc: 546.70 ng/ml



#6 beta-BHC

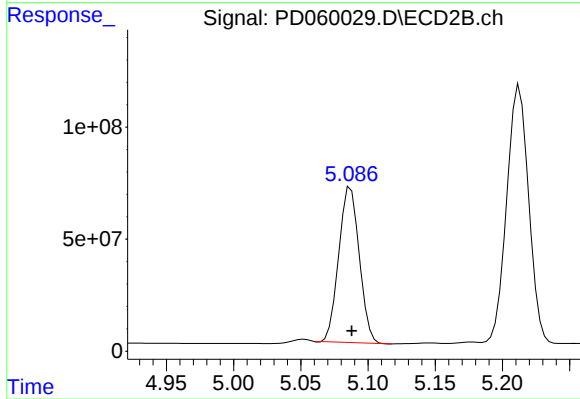
R.T.: 4.868 min  
Delta R.T.: 0.000 min  
Response: 1016648106  
Conc: 570.33 ng/ml



#7 delta-BHC

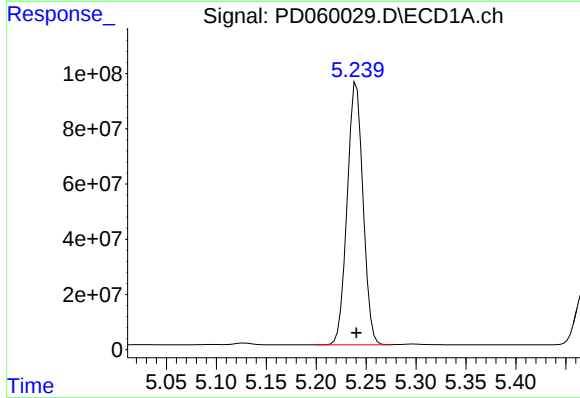
R.T.: 4.693 min  
Delta R.T.: 0.000 min  
Response: 277583872  
Conc: 224.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



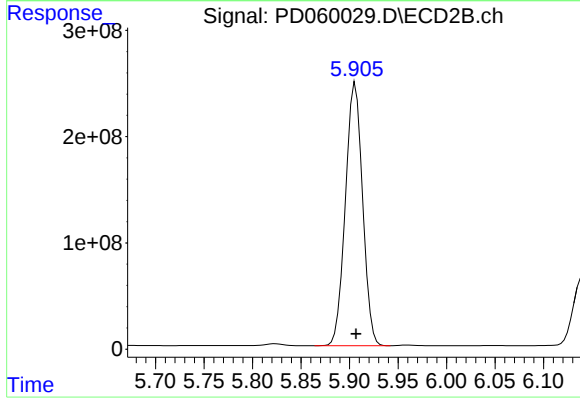
#7 delta-BHC

R.T.: 5.087 min  
Delta R.T.: 0.000 min  
Response: 733628257  
Conc: 232.44 ng/ml



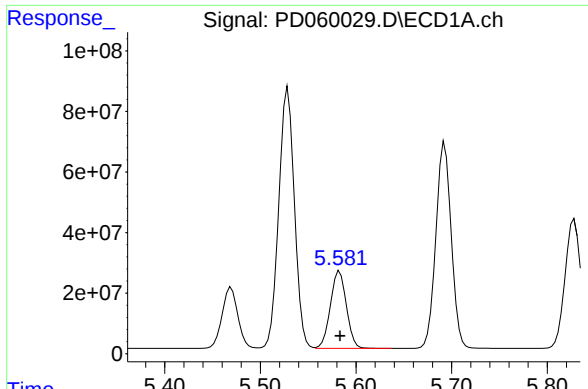
#8 Heptachlor epoxide

R.T.: 5.240 min  
Delta R.T.: 0.000 min  
Response: 1050027892  
Conc: 954.45 ng/ml



#8 Heptachlor epoxide

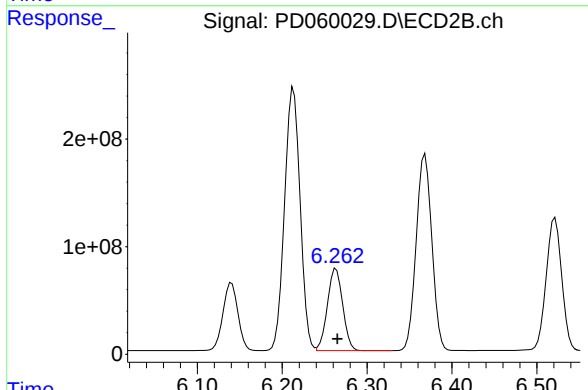
R.T.: 5.906 min  
Delta R.T.: 0.000 min  
Response: 3052024232  
Conc: 954.61 ng/ml



#9 Endosulfan I

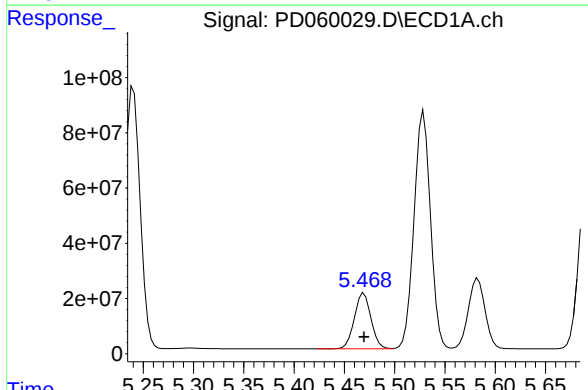
R.T.: 5.583 min  
Delta R.T.: 0.000 min  
Response: 295290171  
Conc: 283.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



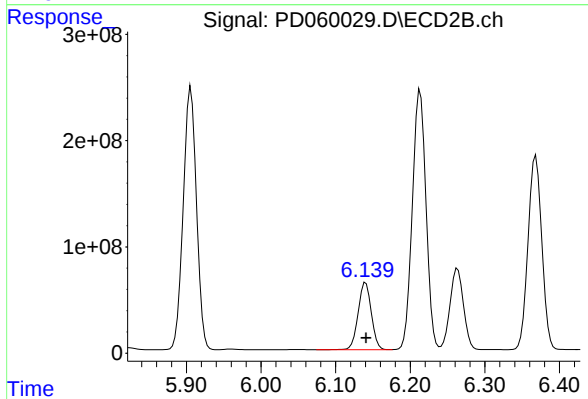
#9 Endosulfan I

R.T.: 6.264 min  
Delta R.T.: -0.002 min  
Response: 958300329  
Conc: 294.08 ng/ml



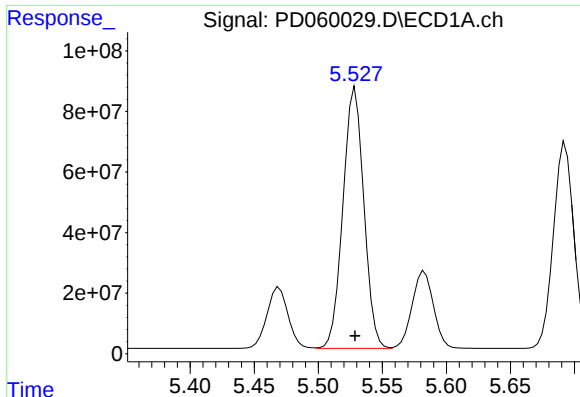
#10 gamma-Chlordane

R.T.: 5.470 min  
Delta R.T.: 0.000 min  
Response: 231324219  
Conc: 207.94 ng/ml



#10 gamma-Chlordane

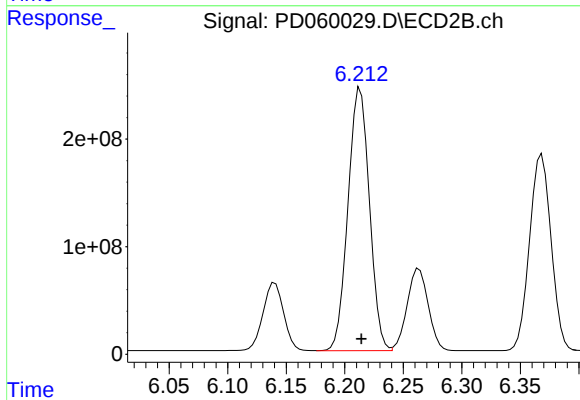
R.T.: 6.140 min  
Delta R.T.: 0.000 min  
Response: 777206786  
Conc: 219.59 ng/ml



#11 alpha-Chlordane

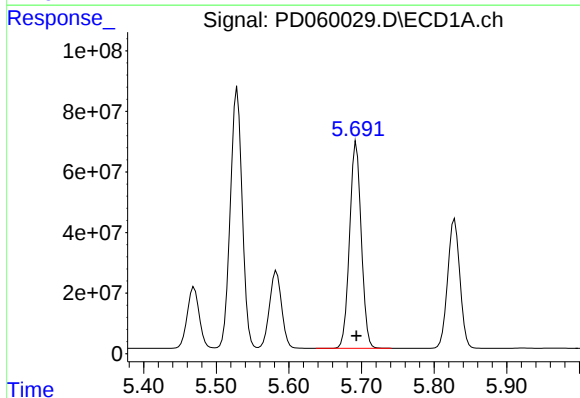
R.T.: 5.529 min  
Delta R.T.: 0.000 min  
Response: 976943419  
Conc: 884.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



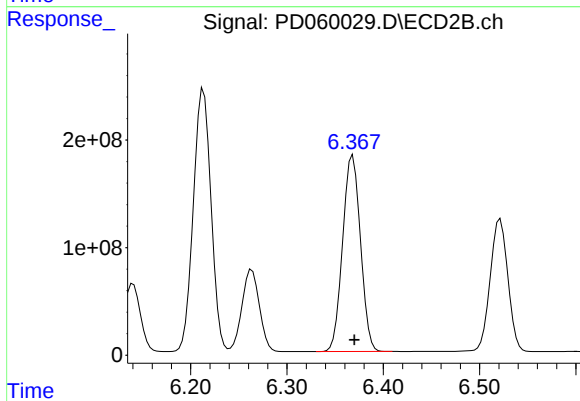
#11 alpha-Chlordane

R.T.: 6.213 min  
Delta R.T.: 0.000 min  
Response: 3115662371  
Conc: 885.56 ng/ml



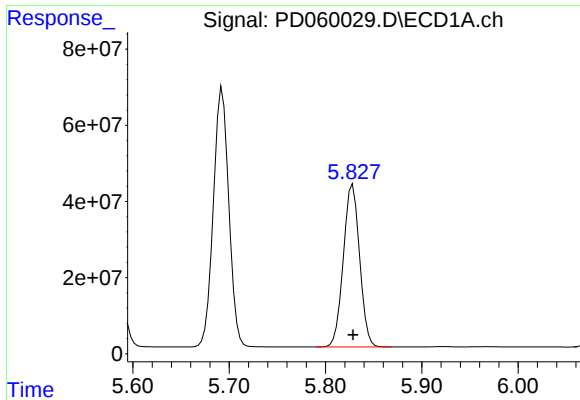
#12 4,4'-DDE

R.T.: 5.693 min  
Delta R.T.: 0.000 min  
Response: 761556453  
Conc: 684.52 ng/ml



#12 4,4'-DDE

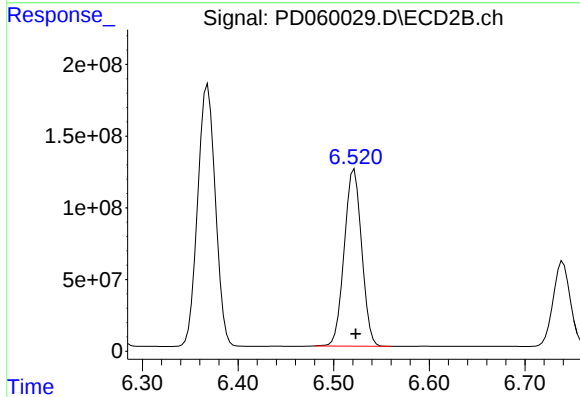
R.T.: 6.368 min  
Delta R.T.: -0.002 min  
Response: 2341185231  
Conc: 703.25 ng/ml



#13 Dieldrin

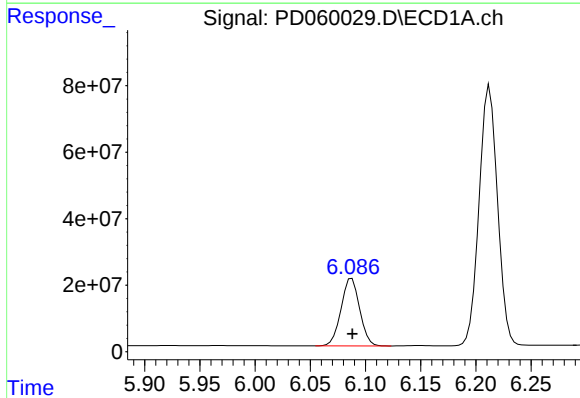
R.T.: 5.828 min  
Delta R.T.: 0.000 min  
Response: 498158431  
Conc: 442.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



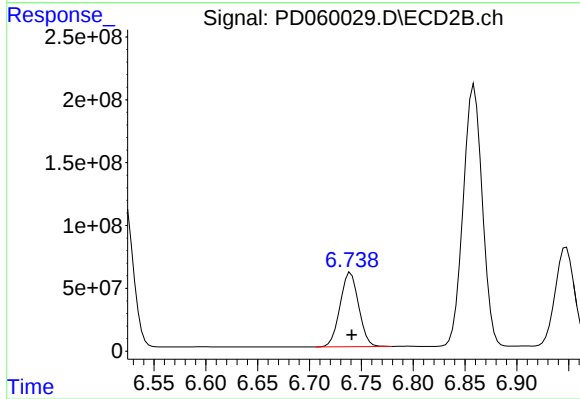
#13 Dieldrin

R.T.: 6.522 min  
Delta R.T.: -0.001 min  
Response: 1566956706  
Conc: 448.21 ng/ml



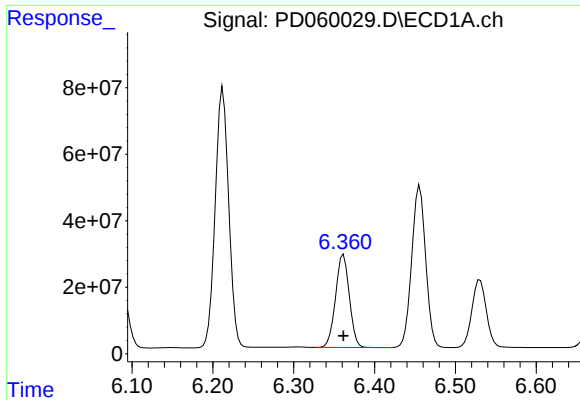
#14 Endrin

R.T.: 6.088 min  
Delta R.T.: 0.000 min  
Response: 237636862  
Conc: 239.68 ng/ml



#14 Endrin

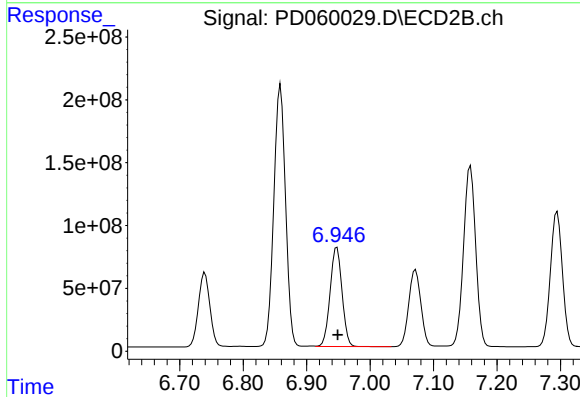
R.T.: 6.740 min  
Delta R.T.: -0.001 min  
Response: 737349323  
Conc: 250.85 ng/ml



#15 Endosulfan II

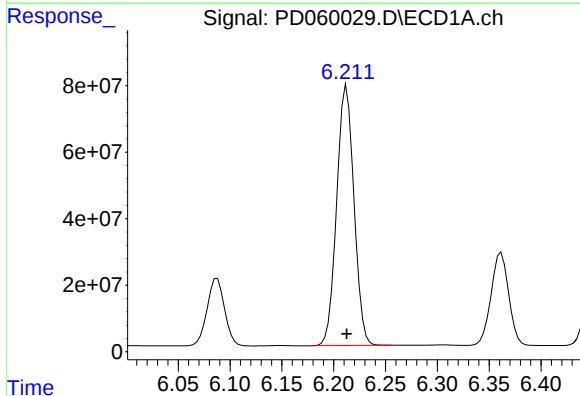
R.T.: 6.362 min  
Delta R.T.: 0.000 min  
Response: 330224733  
Conc: 331.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



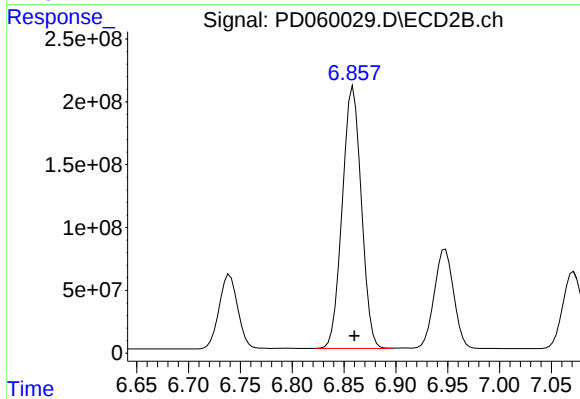
#15 Endosulfan II

R.T.: 6.948 min  
Delta R.T.: -0.001 min  
Response: 1031459363  
Conc: 340.50 ng/ml



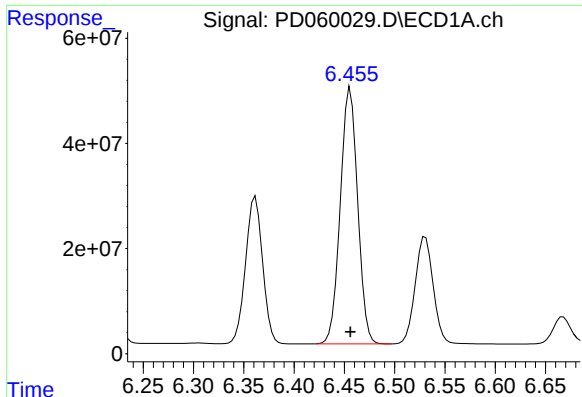
#16 4,4'-DDD

R.T.: 6.213 min  
Delta R.T.: 0.000 min  
Response: 906806587  
Conc: 965.87 ng/ml



#16 4,4'-DDD

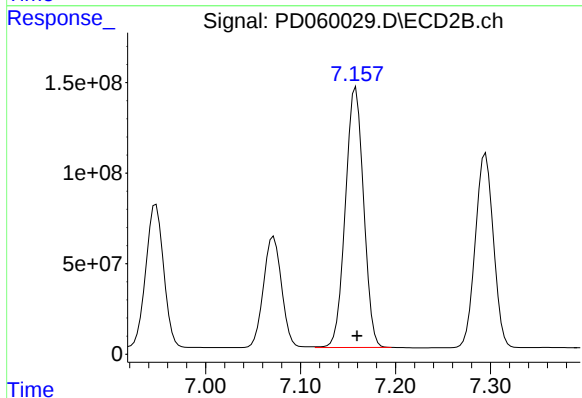
R.T.: 6.859 min  
Delta R.T.: -0.001 min  
Response: 2665775395  
Conc: 980.28 ng/ml



#17 4,4'-DDT

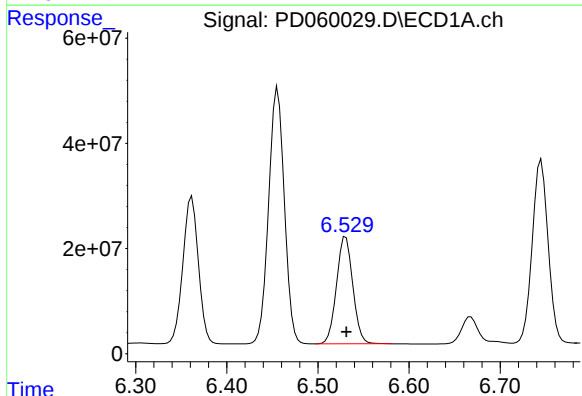
R.T.: 6.456 min  
Delta R.T.: 0.000 min  
Response: 584140050  
Conc: 614.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



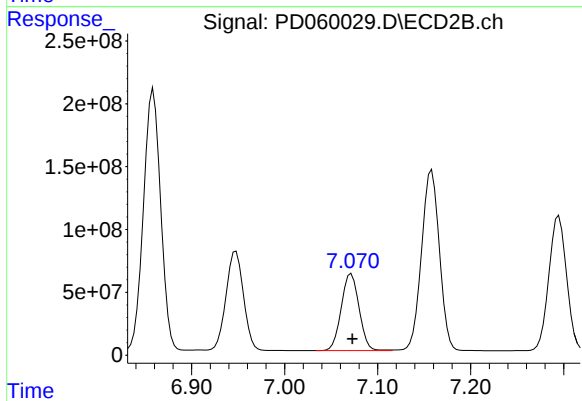
#17 4,4'-DDT

R.T.: 7.158 min  
Delta R.T.: -0.001 min  
Response: 1916155097  
Conc: 675.89 ng/ml



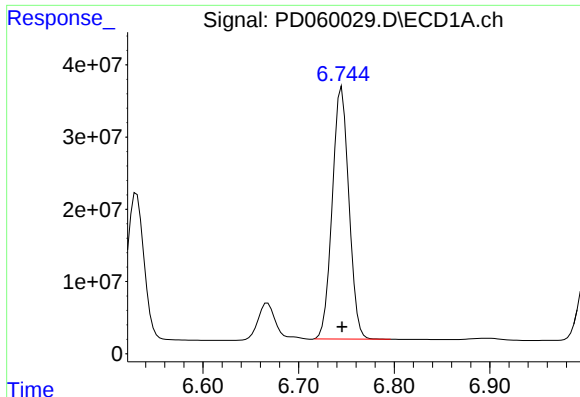
#18 Endrin aldehyde

R.T.: 6.531 min  
Delta R.T.: 0.000 min  
Response: 252961446  
Conc: 306.97 ng/ml



#18 Endrin aldehyde

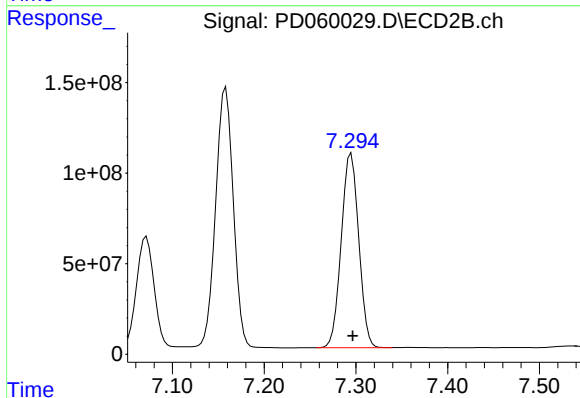
R.T.: 7.072 min  
Delta R.T.: -0.001 min  
Response: 814334543  
Conc: 321.85 ng/ml



#19 Endosulfan Sulfate

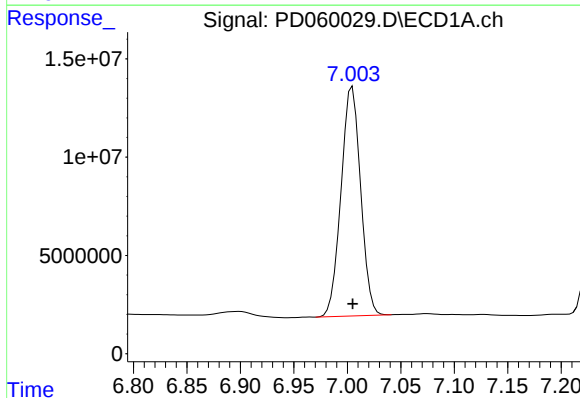
R.T.: 6.745 min  
Delta R.T.: 0.000 min  
Response: 420616065  
Conc: 480.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



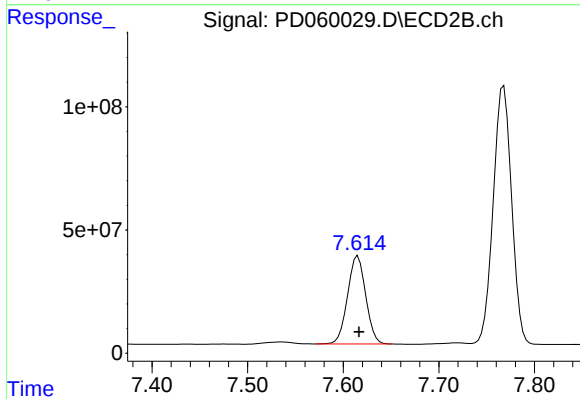
#19 Endosulfan Sulfate

R.T.: 7.295 min  
Delta R.T.: -0.002 min  
Response: 1418615564  
Conc: 497.96 ng/ml



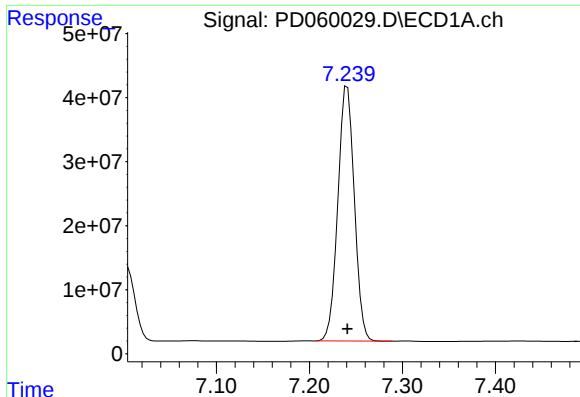
#20 Methoxychlor

R.T.: 7.005 min  
Delta R.T.: 0.000 min  
Response: 148610691  
Conc: 304.24 ng/ml



#20 Methoxychlor

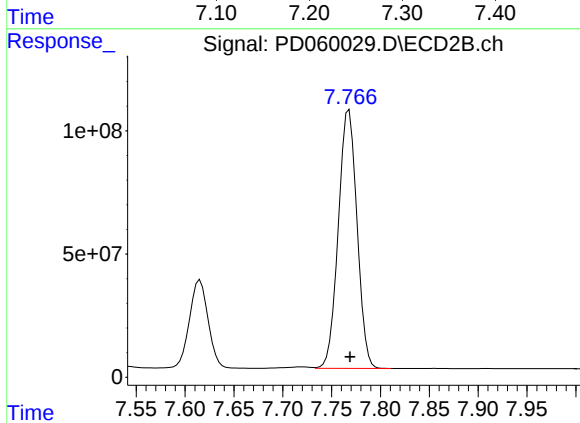
R.T.: 7.615 min  
Delta R.T.: -0.001 min  
Response: 472858264  
Conc: 305.80 ng/ml



#21 Endrin ketone

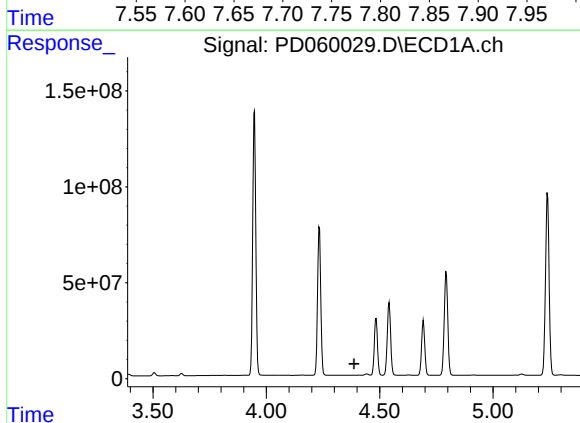
R.T.: 7.241 min  
Delta R.T.: 0.000 min  
Response: 491116680  
Conc: 457.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



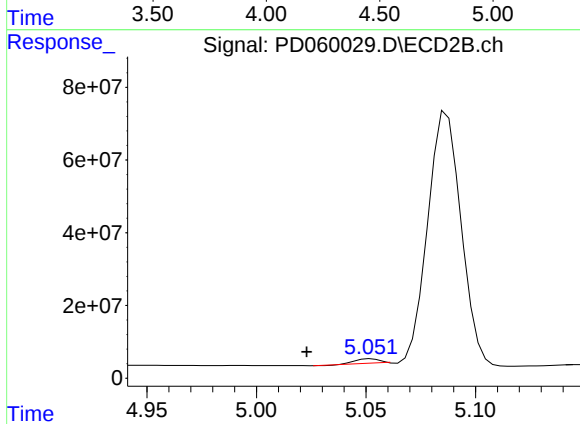
#21 Endrin ketone

R.T.: 7.768 min  
Delta R.T.: -0.001 min  
Response: 1399742411  
Conc: 453.25 ng/ml



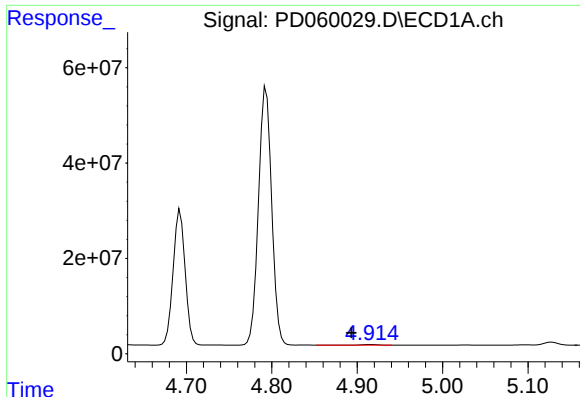
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.387 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

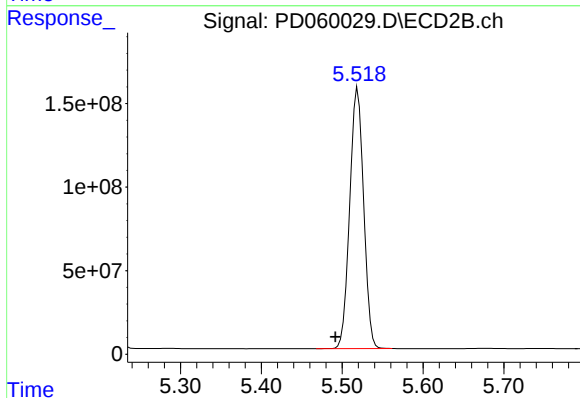
R.T.: 5.052 min  
Delta R.T.: 0.030 min  
Response: 8819360  
Conc: 77.98 ng/ml



#24 Chlordane-2

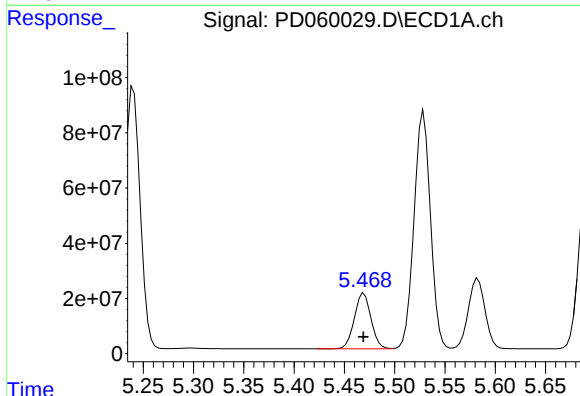
R.T.: 4.916 min  
Delta R.T.: 0.022 min  
Response: 1377074  
Conc: 44.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



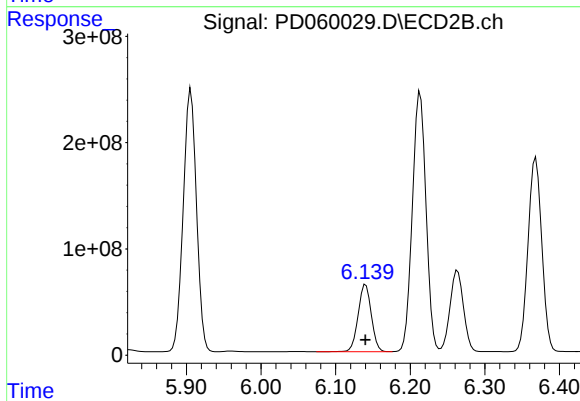
#24 Chlordane-2

R.T.: 5.519 min  
Delta R.T.: 0.028 min  
Response: 1868294295  
Conc: 17076.12 ng/ml



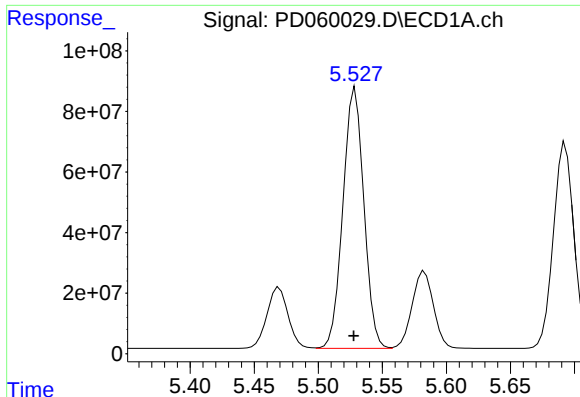
#25 Chlordane-3

R.T.: 5.470 min  
Delta R.T.: 0.000 min  
Response: 231324219  
Conc: 2520.27 ng/ml



#25 Chlordane-3

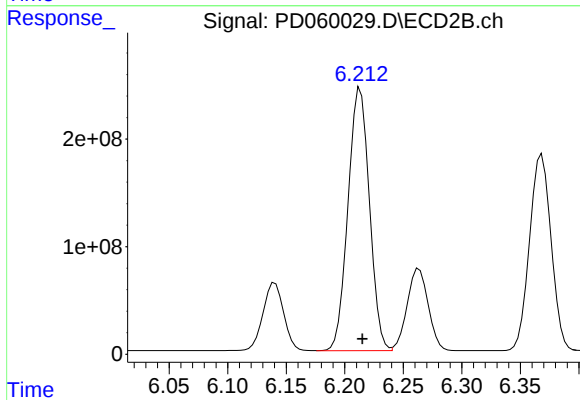
R.T.: 6.140 min  
Delta R.T.: 0.000 min  
Response: 777206786  
Conc: 1836.28 ng/ml



#26 Chlordane-4

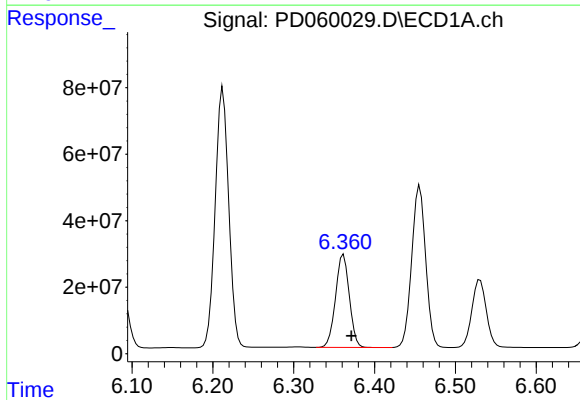
R.T.: 5.529 min  
Delta R.T.: 0.001 min  
Response: 976943419  
Conc: 12856.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



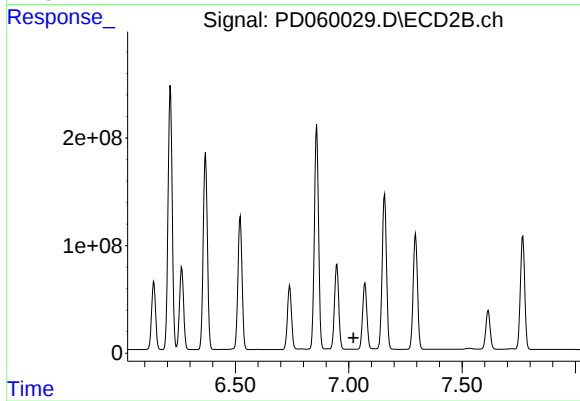
#26 Chlordane-4

R.T.: 6.213 min  
Delta R.T.: -0.002 min  
Response: 3115662371  
Conc: 6220.38 ng/ml



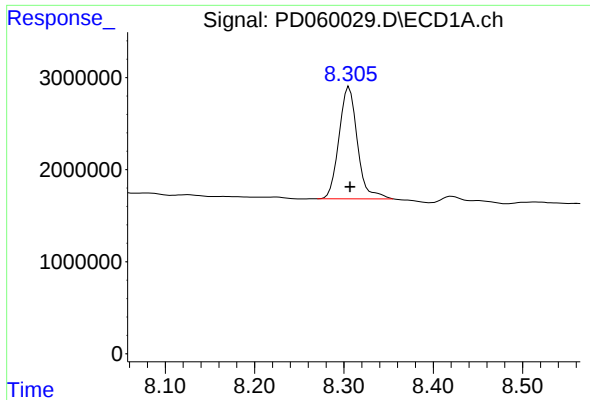
#27 Chlordane-5

R.T.: 6.362 min  
Delta R.T.: -0.010 min  
Response: 330224733  
Conc: 9769.60 ng/ml



#27 Chlordane-5

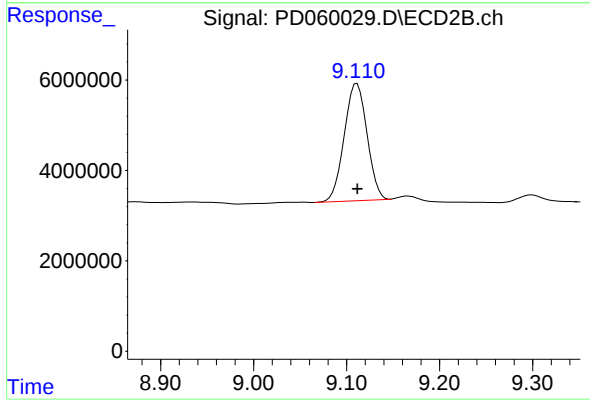
R.T.: 0.000 min  
Exp R.T.: 7.021 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.306 min  
Delta R.T.: 0.000 min  
Response: 17443120  
Conc: 20.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.111 min  
Delta R.T.: 0.000 min  
Response: 44183627  
Conc: 19.48 ng/ml