

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL053119\  
 Data File : PL049156.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 May 2019 18:47  
 Operator : SM\AJ  
 Sample : K3124-05MSD  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TP-25-SMSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 31 23:16:04 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL053019.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 31 01:35:35 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... | 3.324 | 3.936 | 188.2E6 | 51306244 | 17.084 | 17.759 |
| 28)                         | SA Decachlor... | 7.992 | 8.973 | 163.3E6 | 48556145 | 12.843 | 14.539 |
| Target Compounds            |                 |       |       |         |          |        |        |
| 2)                          | A alpha-BHC     | 3.751 | 4.325 | 953.7E6 | 225.5E6  | 52.935 | 56.263 |
| 3)                          | MA gamma-BHC... | 4.028 | 4.609 | 896.5E6 | 208.6E6  | 52.896 | 55.728 |
| 4)                          | MA Heptachlor   | 4.312 | 5.111 | 924.9E6 | 213.4E6  | 52.230 | 53.110 |
| 5)                          | MB Aldrin       | 4.551 | 5.414 | 858.5E6 | 190.1E6  | 50.277 | 51.679 |
| 6)                          | B beta-BHC      | 4.282 | 4.783 | 369.8E6 | 93937005 | 53.219 | 54.537 |
| 7)                          | B delta-BHC     | 4.475 | 4.997 | 878.9E6 | 176.1E6  | 54.388 | 57.416 |
| 8)                          | B Heptachlo...  | 4.988 | 5.801 | 798.7E6 | 179.6E6  | 53.853 | 54.937 |
| 9)                          | A Endosulfan I  | 5.319 | 6.156 | 747.5E6 | 168.6E6  | 51.080 | 52.347 |
| 10)                         | B gamma-Chl...  | 5.210 | 6.035 | 820.7E6 | 179.8E6  | 51.410 | 51.975 |
| 11)                         | B alpha-Chl...  | 5.267 | 6.107 | 797.3E6 | 180.7E6  | 51.039 | 52.084 |
| 12)                         | B 4,4'-DDE      | 5.434 | 6.267 | 768.5E6 | 167.2E6  | 49.134 | 50.948 |
| 13)                         | MA Dieldrin     | 5.557 | 6.413 | 793.3E6 | 173.6E6  | 51.884 | 51.759 |
| 14)                         | MA Endrin       | 5.810 | 6.630 | 751.5E6 | 154.0E6  | 52.105 | 51.614 |
| 15)                         | B Endosulfa...  | 6.085 | 6.841 | 671.7E6 | 155.7E6  | 50.863 | 51.322 |
| 16)                         | A 4,4'-DDD      | 5.945 | 6.757 | 592.3E6 | 134.4E6  | 49.768 | 51.084 |
| 17)                         | MA 4,4'-DDT     | 6.180 | 7.055 | 592.0E6 | 135.4E6  | 48.081 | 48.279 |
| 18)                         | B Endrin al...  | 6.252 | 6.966 | 526.8E6 | 129.2E6  | 48.131 | 50.106 |
| 19)                         | B Endosulfa...  | 6.463 | 7.188 | 570.2E6 | 142.2E6  | 43.916 | 46.764 |
| 20)                         | A Methoxychlor  | 6.725 | 7.514 | 285.8E6 | 76973538 | 44.559 | 46.430 |
| 21)                         | B Endrin ke...  | 6.945 | 7.656 | 627.7E6 | 151.0E6  | 45.838 | 47.481 |
| 22)                         | Mirex           | 7.120 | 8.106 | 290.4E6 | 79787706 | 27.558 | 30.717 |
| -----                       |                 |       |       |         |          |        |        |

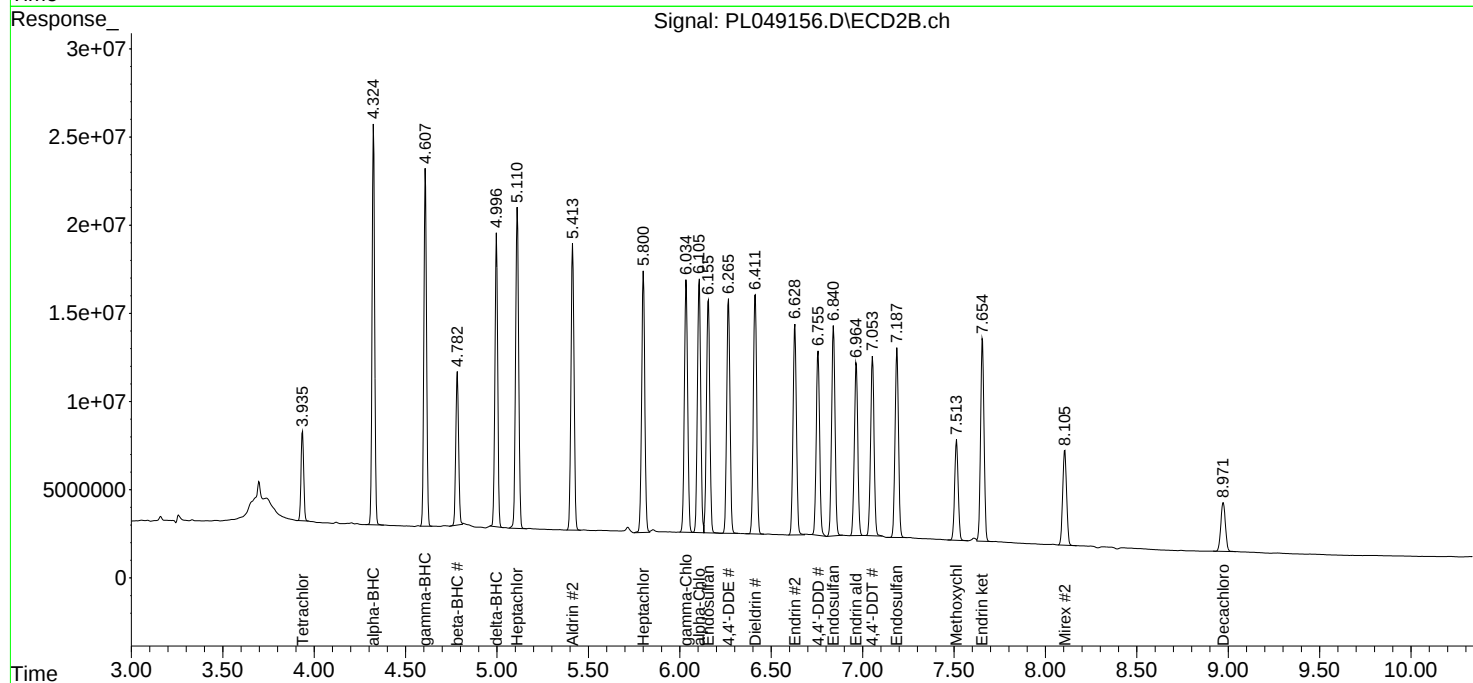
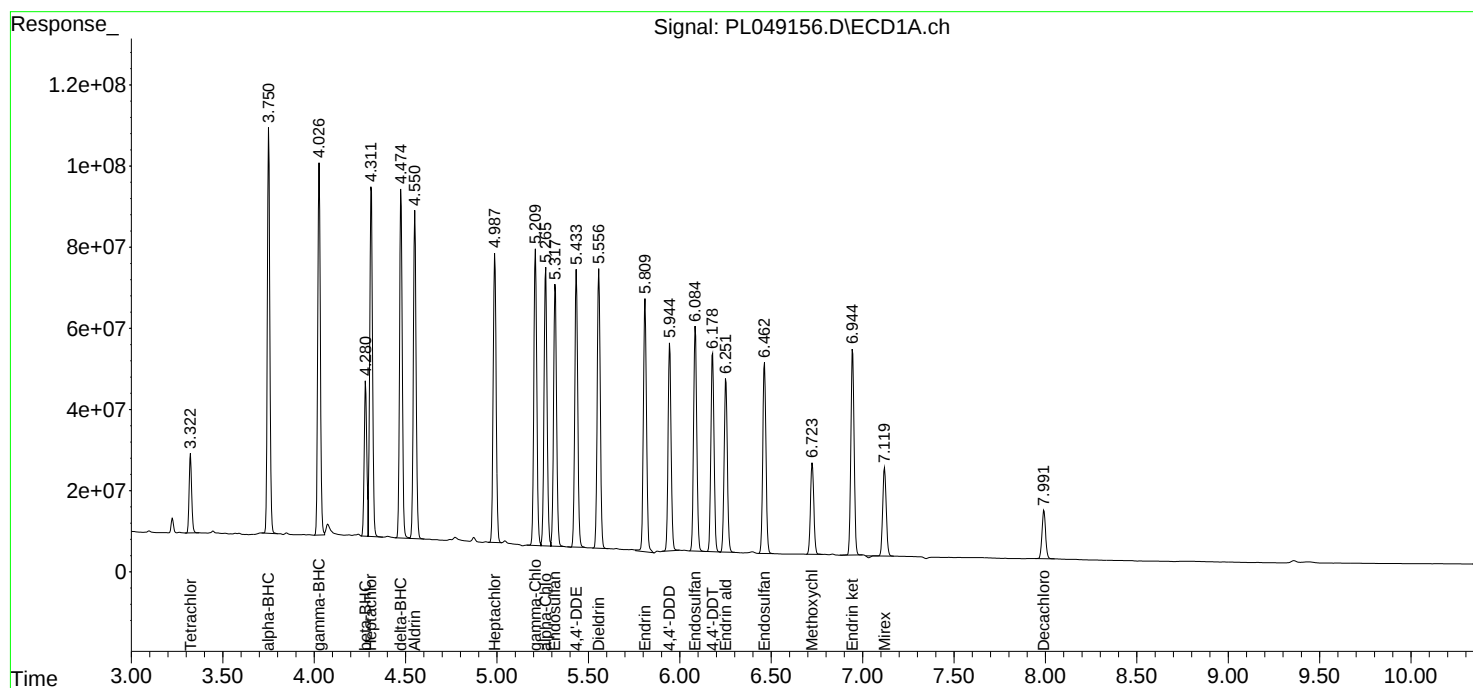
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

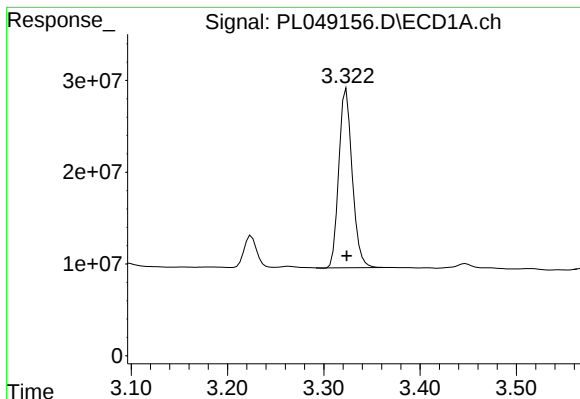
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL053119\  
Data File : PL049156.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 May 2019 18:47  
Operator : SM\AJ  
Sample : K3124-05MSD  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
TP-25-SMSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 31 23:16:04 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL053019.M  
Quant Title : GC Extractables  
QLast Update : Fri May 31 01:35:35 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

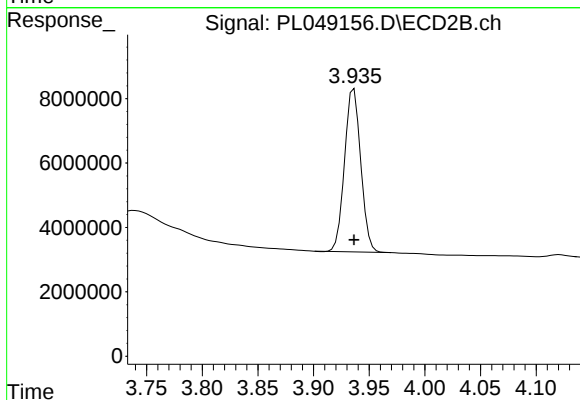




#1 Tetrachloro-m-xylene

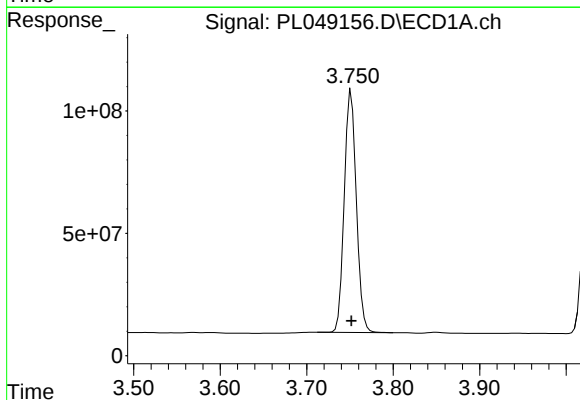
R.T.: 3.324 min  
Delta R.T.: 0.000 min  
Response: 188239687  
Conc: 17.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-25-SMSD



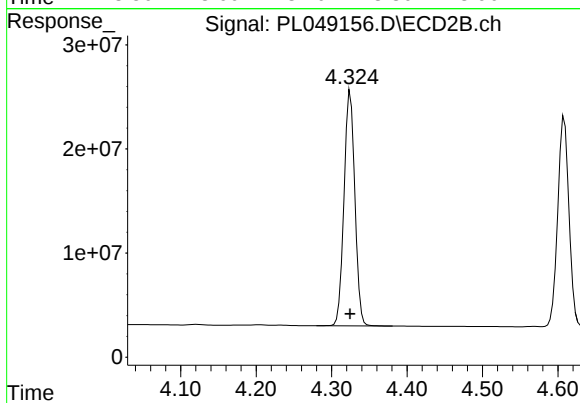
#1 Tetrachloro-m-xylene

R.T.: 3.936 min  
Delta R.T.: 0.000 min  
Response: 51306244  
Conc: 17.76 ng/ml



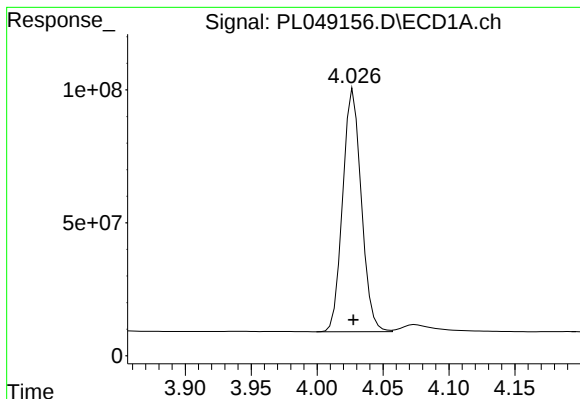
#2 alpha-BHC

R.T.: 3.751 min  
Delta R.T.: 0.000 min  
Response: 953713936  
Conc: 52.94 ng/ml



#2 alpha-BHC

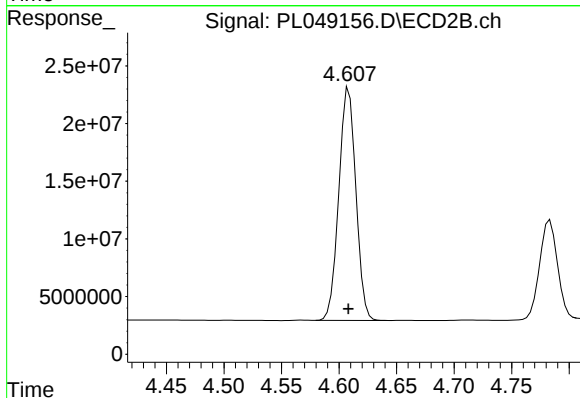
R.T.: 4.325 min  
Delta R.T.: 0.000 min  
Response: 225518498  
Conc: 56.26 ng/ml



#3 gamma-BHC (Lindane)

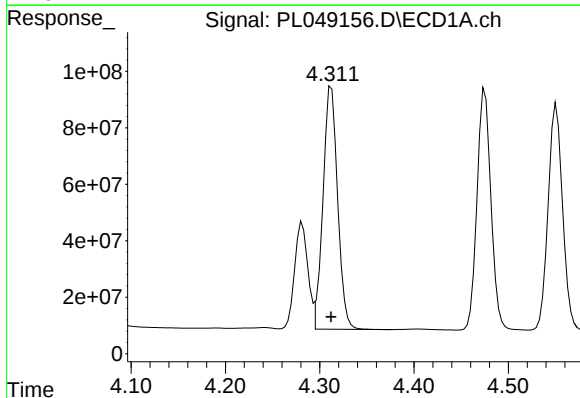
R.T.: 4.028 min  
Delta R.T.: 0.000 min  
Response: 896512573  
Conc: 52.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-25-SMSD



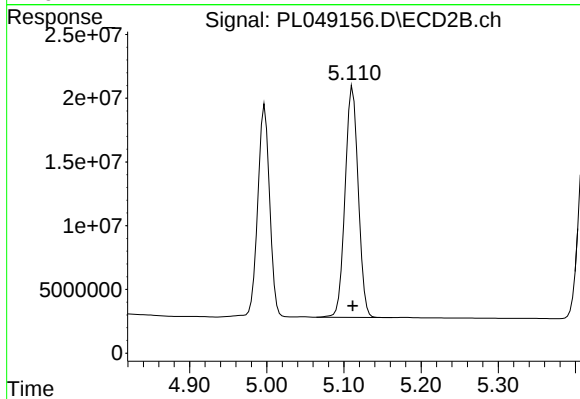
#3 gamma-BHC (Lindane)

R.T.: 4.609 min  
Delta R.T.: 0.000 min  
Response: 208625425  
Conc: 55.73 ng/ml



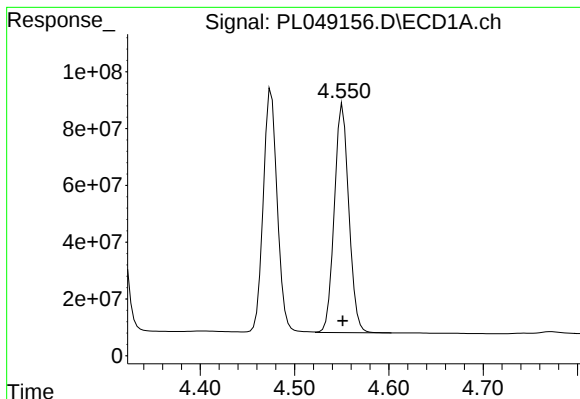
#4 Heptachlor

R.T.: 4.312 min  
Delta R.T.: 0.000 min  
Response: 924899997  
Conc: 52.23 ng/ml



#4 Heptachlor

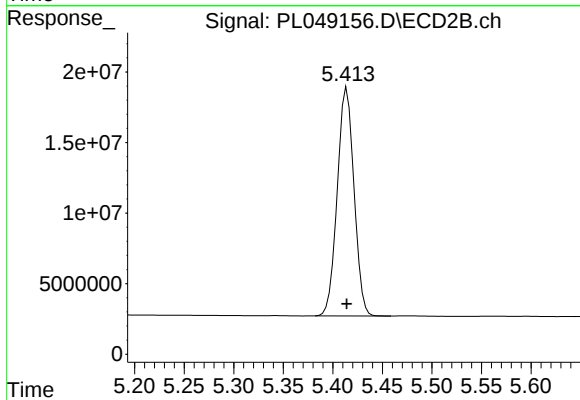
R.T.: 5.111 min  
Delta R.T.: 0.000 min  
Response: 213424957  
Conc: 53.11 ng/ml



#5 Aldrin

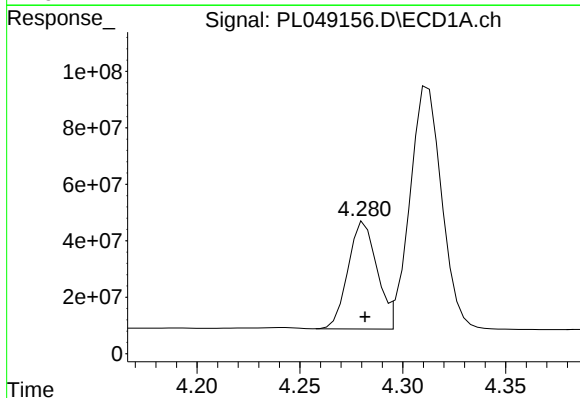
R.T.: 4.551 min  
Delta R.T.: 0.000 min  
Response: 858454517  
Conc: 50.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-25-SMSD



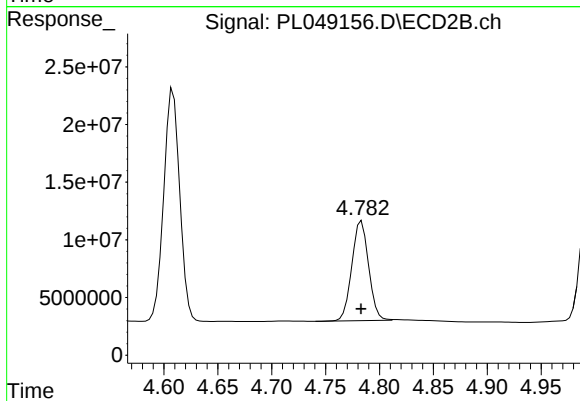
#5 Aldrin

R.T.: 5.414 min  
Delta R.T.: 0.000 min  
Response: 190136461  
Conc: 51.68 ng/ml



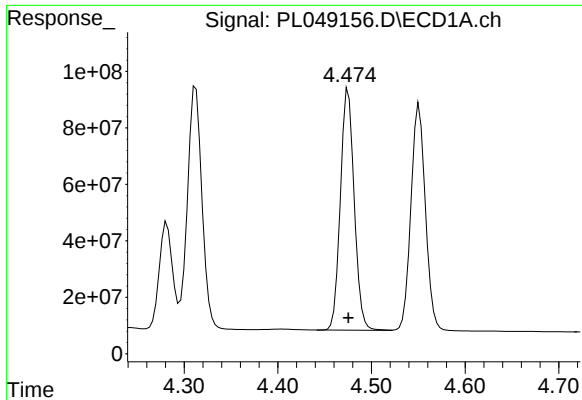
#6 beta-BHC

R.T.: 4.282 min  
Delta R.T.: 0.000 min  
Response: 369803383  
Conc: 53.22 ng/ml



#6 beta-BHC

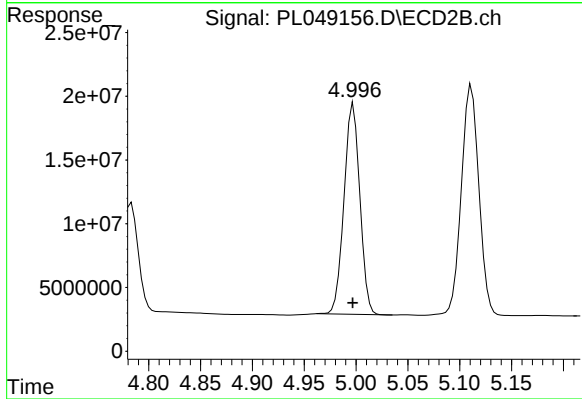
R.T.: 4.783 min  
Delta R.T.: 0.000 min  
Response: 93937005  
Conc: 54.54 ng/ml



#7 delta-BHC

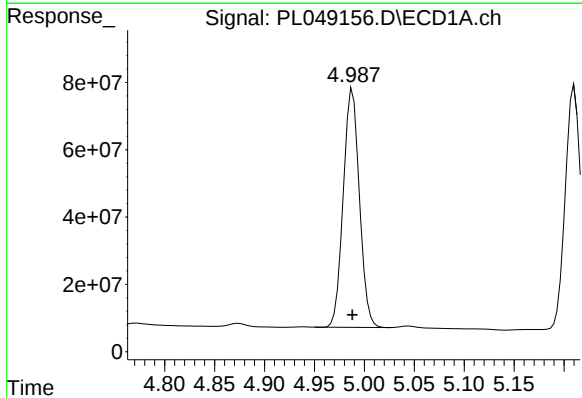
R.T.: 4.475 min  
Delta R.T.: 0.000 min  
Response: 878940265  
Conc: 54.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-25-SMSD



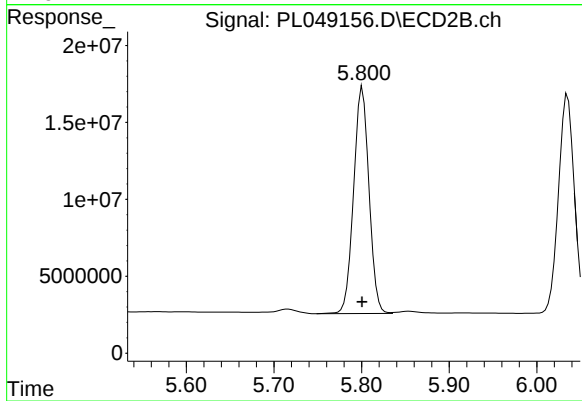
#7 delta-BHC

R.T.: 4.997 min  
Delta R.T.: 0.000 min  
Response: 176104204  
Conc: 57.42 ng/ml



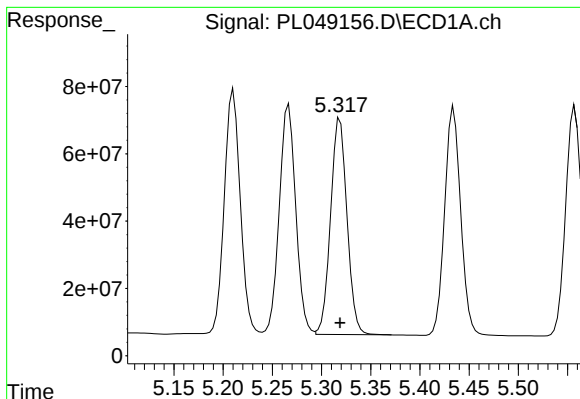
#8 Heptachlor epoxide

R.T.: 4.988 min  
Delta R.T.: 0.000 min  
Response: 798650466  
Conc: 53.85 ng/ml



#8 Heptachlor epoxide

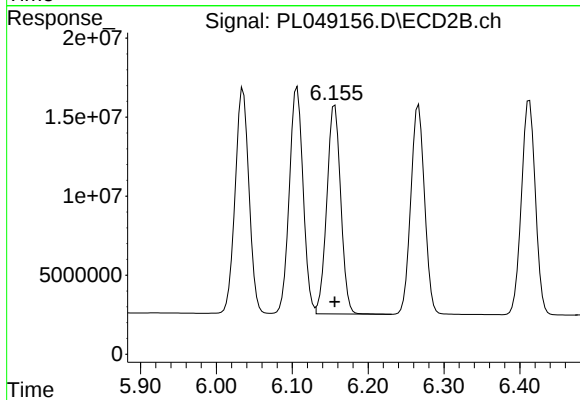
R.T.: 5.801 min  
Delta R.T.: 0.000 min  
Response: 179576457  
Conc: 54.94 ng/ml



#9 Endosulfan I

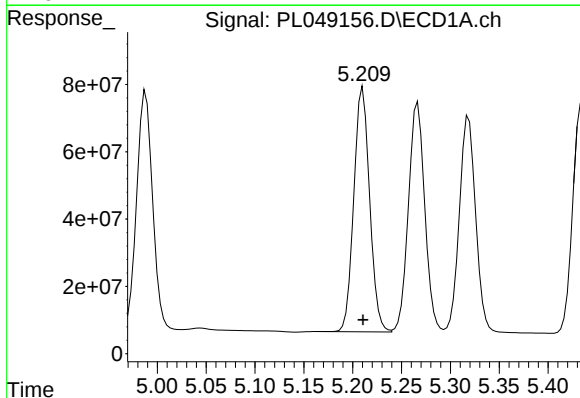
R.T.: 5.319 min  
Delta R.T.: 0.000 min  
Response: 747528970  
Conc: 51.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-25-SMSD



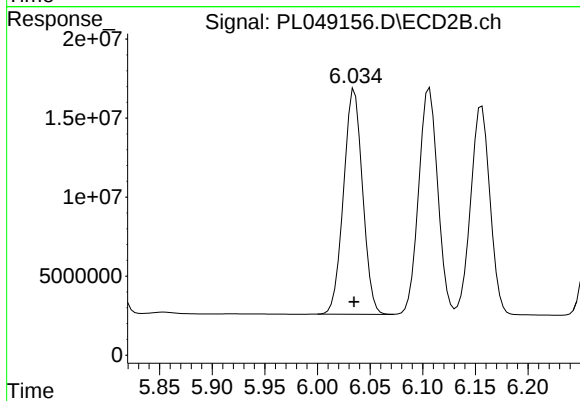
#9 Endosulfan I

R.T.: 6.156 min  
Delta R.T.: 0.000 min  
Response: 168598220  
Conc: 52.35 ng/ml



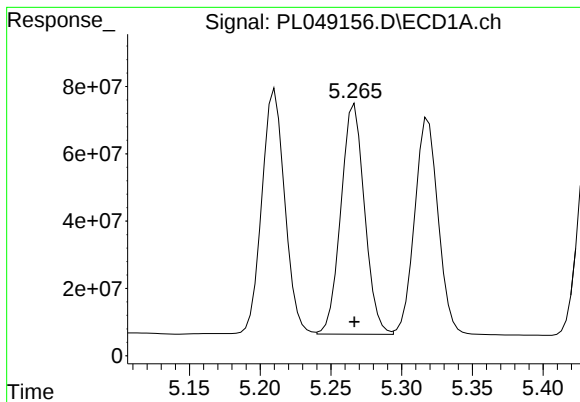
#10 gamma-Chlordane

R.T.: 5.210 min  
Delta R.T.: 0.000 min  
Response: 820703019  
Conc: 51.41 ng/ml



#10 gamma-Chlordane

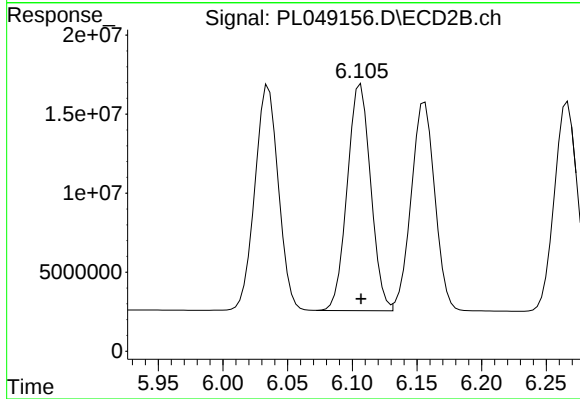
R.T.: 6.035 min  
Delta R.T.: 0.000 min  
Response: 179789075  
Conc: 51.97 ng/ml



#11 alpha-Chlordane

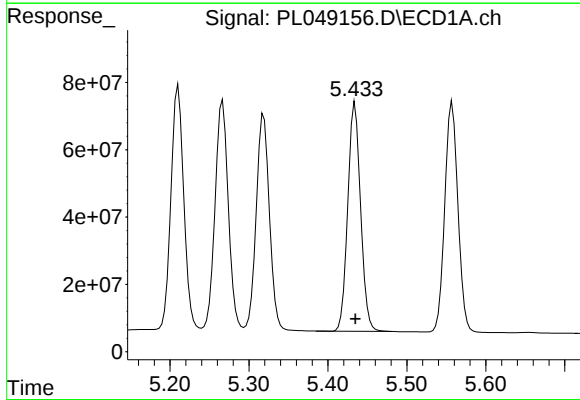
R.T.: 5.267 min  
Delta R.T.: 0.000 min  
Response: 797332461  
Conc: 51.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-25-SMSD



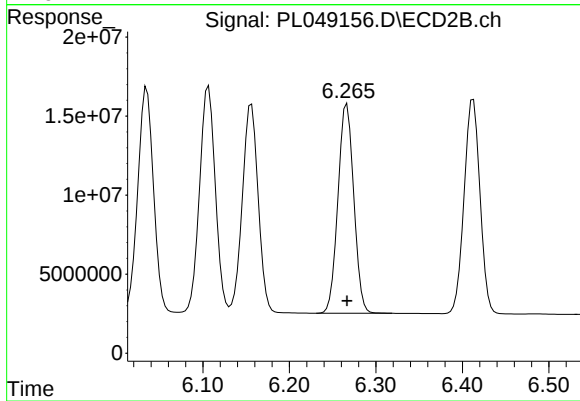
#11 alpha-Chlordane

R.T.: 6.107 min  
Delta R.T.: 0.000 min  
Response: 180686195  
Conc: 52.08 ng/ml



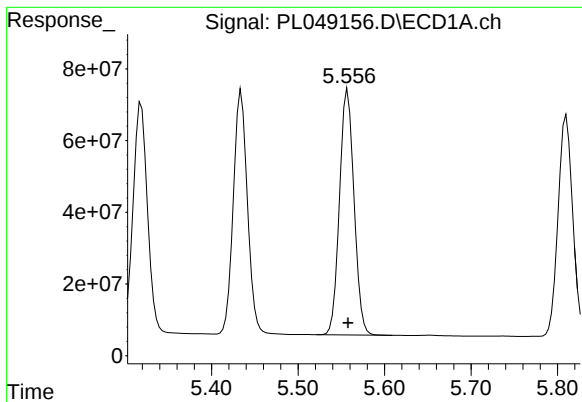
#12 4,4'-DDE

R.T.: 5.434 min  
Delta R.T.: 0.000 min  
Response: 768549295  
Conc: 49.13 ng/ml



#12 4,4'-DDE

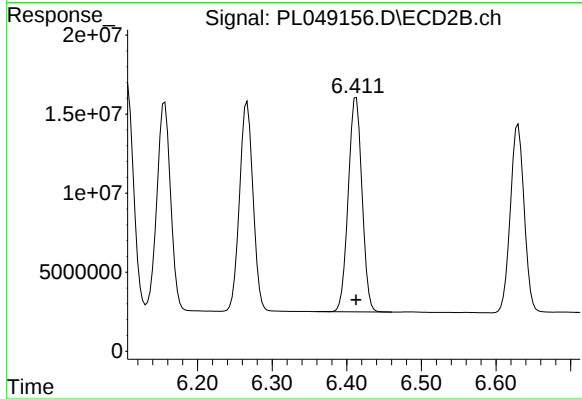
R.T.: 6.267 min  
Delta R.T.: 0.000 min  
Response: 167247248  
Conc: 50.95 ng/ml



#13 Dieldrin

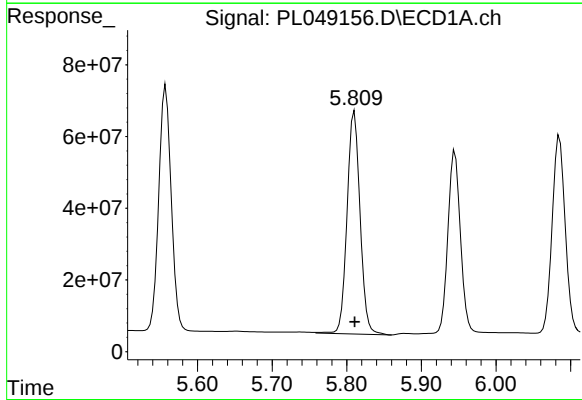
R.T.: 5.557 min  
Delta R.T.: 0.000 min  
Response: 793335386  
Conc: 51.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-25-SMSD



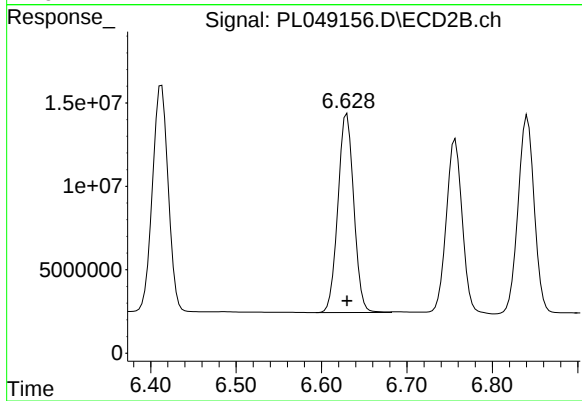
#13 Dieldrin

R.T.: 6.413 min  
Delta R.T.: 0.000 min  
Response: 173589314  
Conc: 51.76 ng/ml



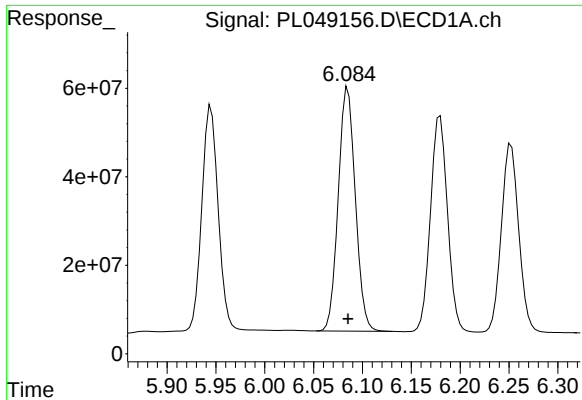
#14 Endrin

R.T.: 5.810 min  
Delta R.T.: 0.000 min  
Response: 751521493  
Conc: 52.10 ng/ml



#14 Endrin

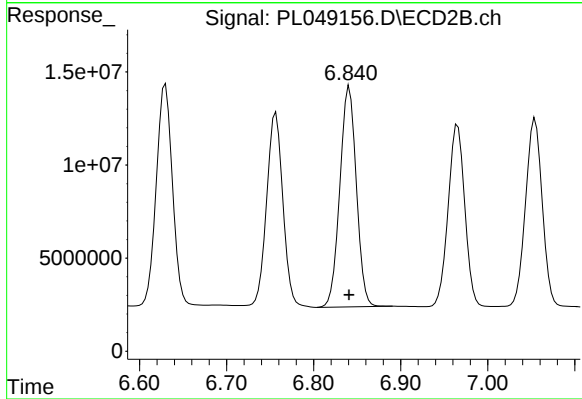
R.T.: 6.630 min  
Delta R.T.: 0.000 min  
Response: 154026618  
Conc: 51.61 ng/ml



#15 Endosulfan II

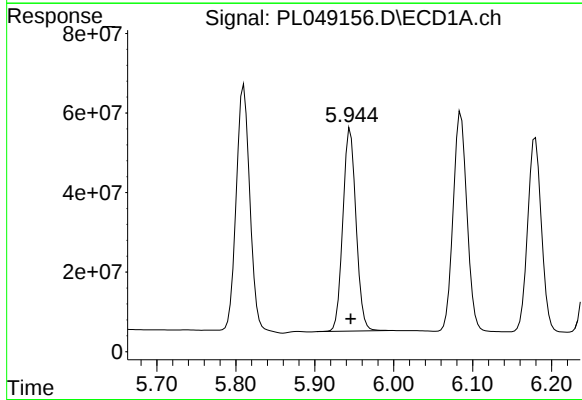
R.T.: 6.085 min  
Delta R.T.: 0.000 min  
Response: 671662252  
Conc: 50.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-25-SMSD



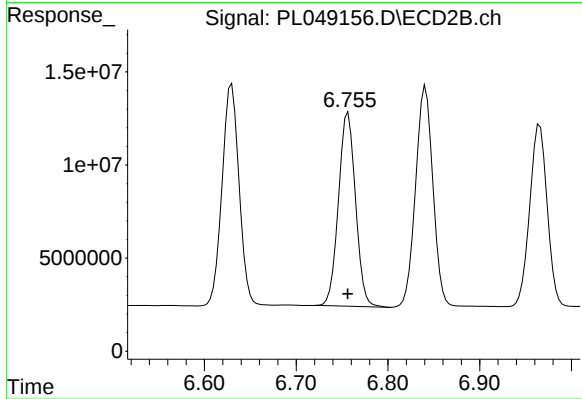
#15 Endosulfan II

R.T.: 6.841 min  
Delta R.T.: 0.000 min  
Response: 155666823  
Conc: 51.32 ng/ml



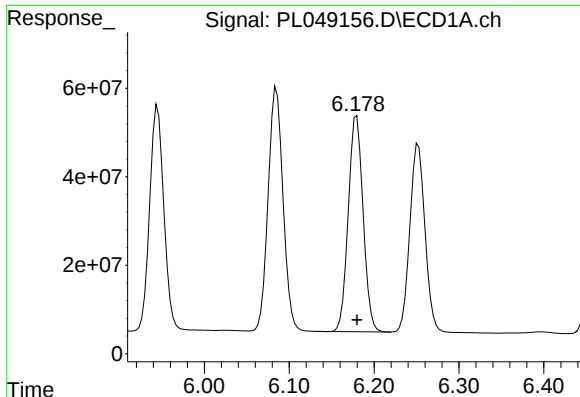
#16 4,4'-DDD

R.T.: 5.945 min  
Delta R.T.: 0.000 min  
Response: 592278856  
Conc: 49.77 ng/ml



#16 4,4'-DDD

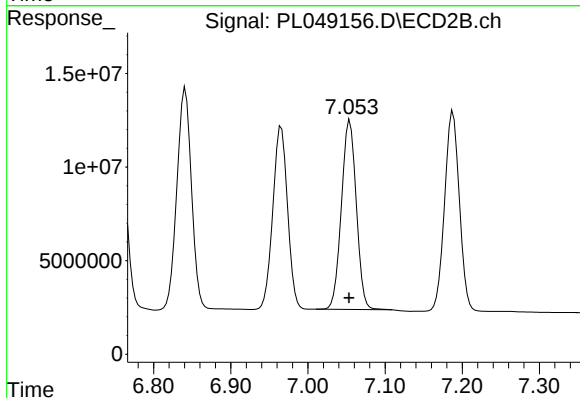
R.T.: 6.757 min  
Delta R.T.: 0.000 min  
Response: 134367696  
Conc: 51.08 ng/ml



#17 4,4'-DDT

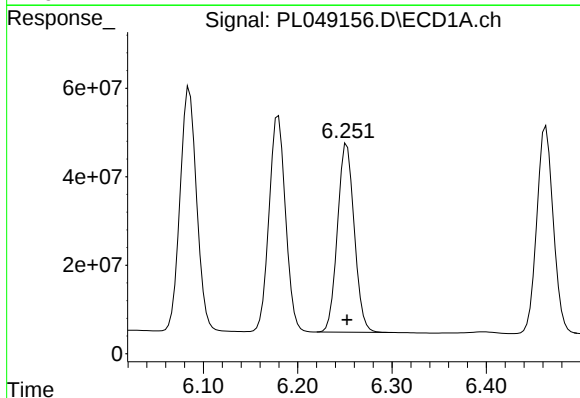
R.T.: 6.180 min  
Delta R.T.: 0.000 min  
Response: 592006230  
Conc: 48.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-25-SMSD



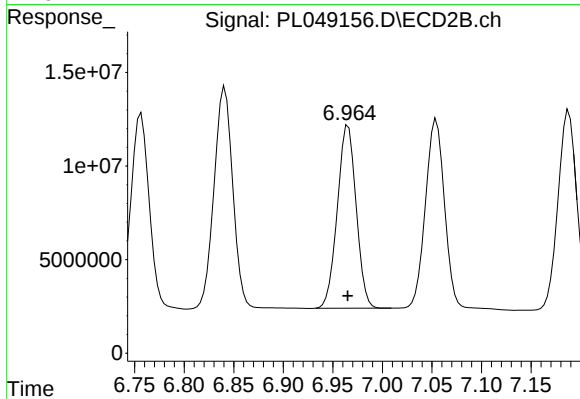
#17 4,4'-DDT

R.T.: 7.055 min  
Delta R.T.: 0.000 min  
Response: 135358354  
Conc: 48.28 ng/ml



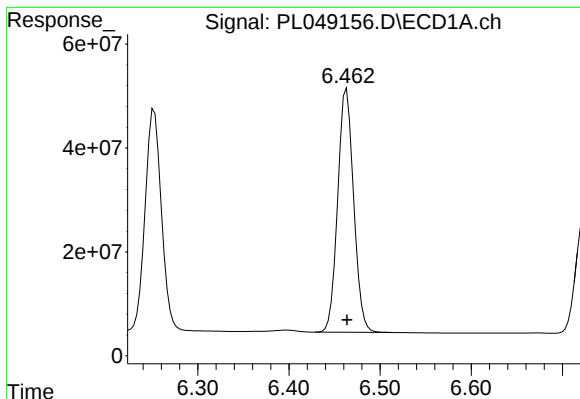
#18 Endrin aldehyde

R.T.: 6.252 min  
Delta R.T.: 0.000 min  
Response: 526752394  
Conc: 48.13 ng/ml



#18 Endrin aldehyde

R.T.: 6.966 min  
Delta R.T.: 0.000 min  
Response: 129235812  
Conc: 50.11 ng/ml



#19 Endosulfan Sulfate

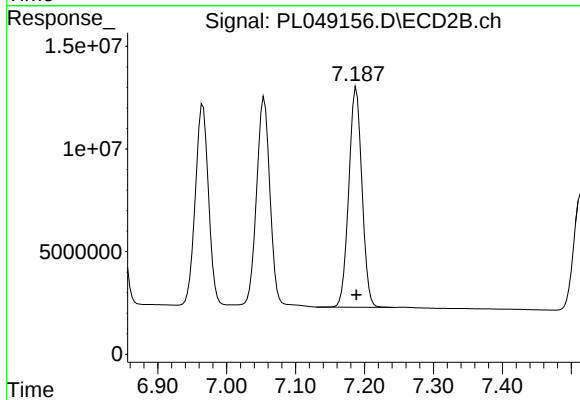
R.T.: 6.463 min

Delta R.T.: 0.000 min

Response: 570187429

Conc: 43.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-25-SMSD



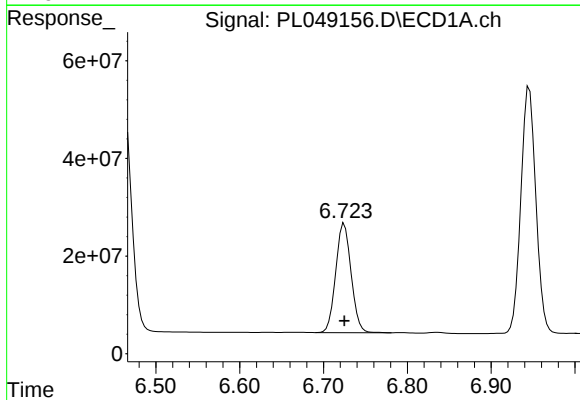
#19 Endosulfan Sulfate

R.T.: 7.188 min

Delta R.T.: 0.000 min

Response: 142204339

Conc: 46.76 ng/ml



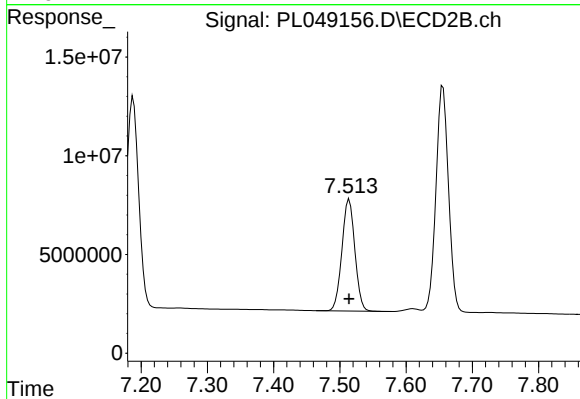
#20 Methoxychlor

R.T.: 6.725 min

Delta R.T.: 0.000 min

Response: 285790223

Conc: 44.56 ng/ml



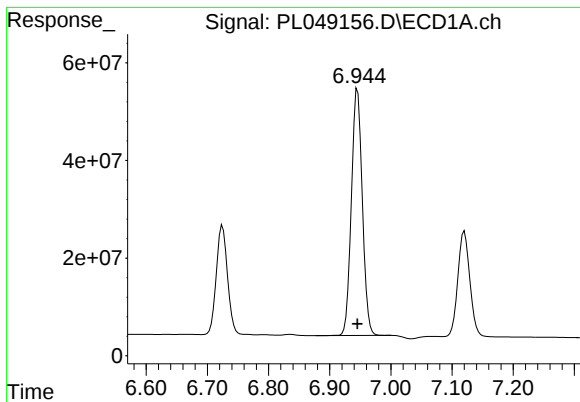
#20 Methoxychlor

R.T.: 7.514 min

Delta R.T.: 0.000 min

Response: 76973538

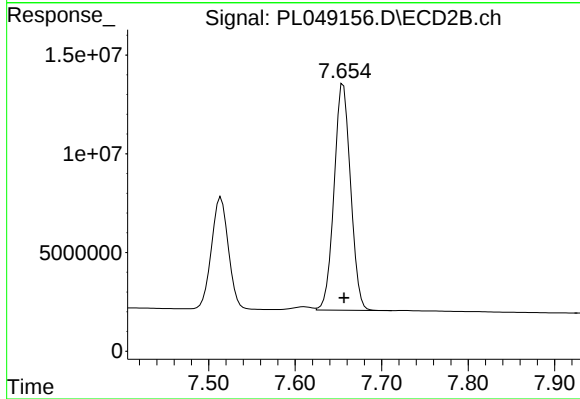
Conc: 46.43 ng/ml



#21 Endrin ketone

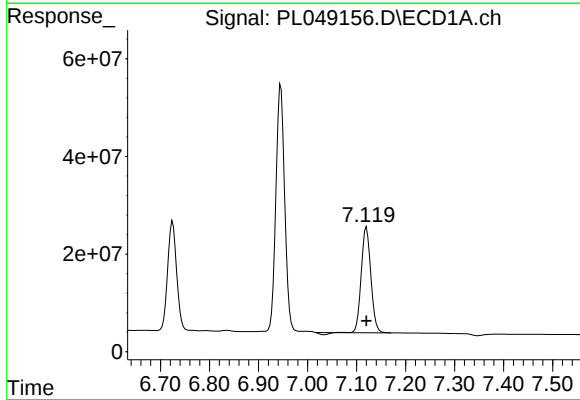
R.T.: 6.945 min  
Delta R.T.: 0.000 min  
Response: 627687323  
Conc: 45.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-25-SMSD



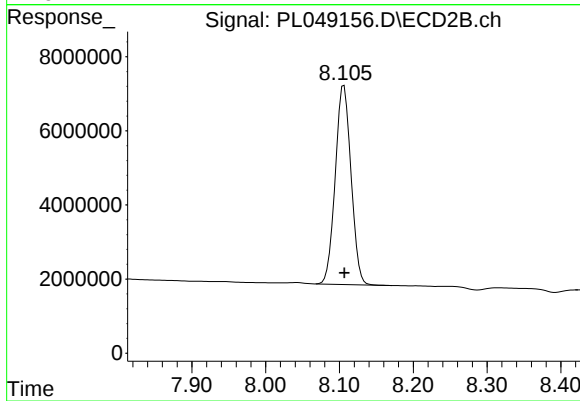
#21 Endrin ketone

R.T.: 7.656 min  
Delta R.T.: 0.000 min  
Response: 151033817  
Conc: 47.48 ng/ml



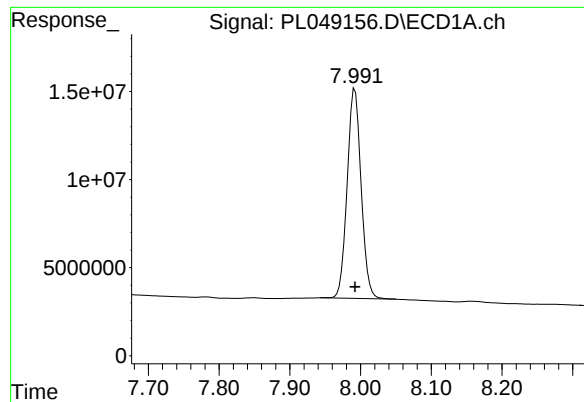
#22 Mirex

R.T.: 7.120 min  
Delta R.T.: 0.000 min  
Response: 290367342  
Conc: 27.56 ng/ml



#22 Mirex

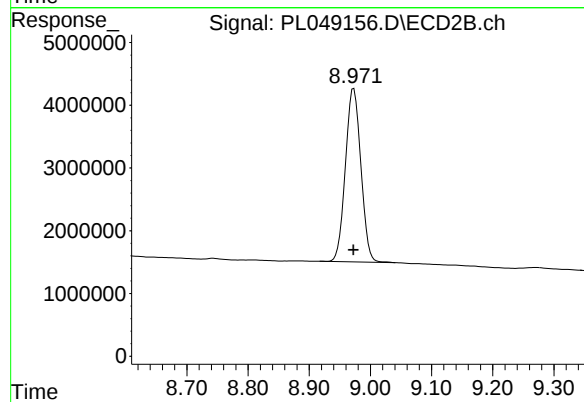
R.T.: 8.106 min  
Delta R.T.: 0.000 min  
Response: 79787706  
Conc: 30.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.992 min  
Delta R.T.: 0.000 min  
Response: 163306723  
Conc: 12.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-25-SMSD



#28 Decachlorobiphenyl

R.T.: 8.973 min  
Delta R.T.: 0.000 min  
Response: 48556145  
Conc: 14.54 ng/ml