

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092718\  
 Data File : PL040489.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Sep 2018 04:15  
 Operator : AJ\SJ  
 Sample : J5097-01MS  
 Misc :  
 ALS Vial : 62 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 28 04:50:17 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092618.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Sep 27 01:27:39 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... | 3.211 | 3.807 | 146.7E6 | 60131095 | 20.043   | 19.042     |
| 28)                         | SA Decachlor... | 7.815 | 8.733 | 181.1E6 | 58352114 | 19.056   | 18.426     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.633 | 4.179 | 678.2E6 | 262.3E6  | 57.967   | 55.324     |
| 3)                          | MA gamma-BHC... | 3.903 | 4.453 | 620.1E6 | 238.9E6  | 57.033   | 52.644     |
| 4)                          | MA Heptachlor   | 4.177 | 4.951 | 655.1E6 | 235.0E6  | 55.675   | 55.325     |
| 5)                          | MB Aldrin       | 4.409 | 5.248 | 609.3E6 | 223.1E6  | 57.667   | 52.868     |
| 6)                          | B beta-BHC      | 4.157 | 4.616 | 231.0E6 | 106.9E6  | 54.734   | 53.495     |
| 7)                          | B delta-BHC     | 4.343 | 4.824 | 642.6E6 | 247.2E6  | 57.576   | 53.564     |
| 8)                          | B Heptachlo...  | 4.840 | 5.624 | 579.1E6 | 189.5E6  | 55.943   | 49.361     |
| 9)                          | A Endosulfan I  | 5.163 | 5.971 | 543.2E6 | 176.0E6  | 53.893   | 47.312     |
| 10)                         | B gamma-Chl...  | 5.058 | 5.853 | 599.6E6 | 197.2E6  | 55.214   | 49.910     |
| 11)                         | B alpha-Chl...  | 5.113 | 5.926 | 579.7E6 | 192.5E6  | 55.329   | 49.059     |
| 12)                         | B 4,4'-DDE      | 5.283 | 6.085 | 595.2E6 | 188.5E6  | 53.850   | 46.826     |
| 13)                         | MA Dieldrin     | 5.399 | 6.223 | 592.8E6 | 182.8E6  | 54.121   | 47.860     |
| 14)                         | MA Endrin       | 5.649 | 6.434 | 513.8E6 | 147.1E6  | 51.719   | 45.021     |
| 15)                         | B Endosulfa...  | 5.923 | 6.638 | 534.1E6 | 157.0E6  | 53.613   | 44.916     |
| 16)                         | A 4,4'-DDD      | 5.789 | 6.563 | 481.8E6 | 145.3E6  | 52.192   | 45.738     |
| 17)                         | MA 4,4'-DDT     | 6.019 | 6.859 | 455.2E6 | 145.2E6  | 56.289   | 47.652     |
| 18)                         | B Endrin al...  | 6.089 | 6.760 | 425.8E6 | 139.8E6  | 50.711   | 46.719     |
| 19)                         | B Endosulfa...  | 6.299 | 6.981 | 496.2E6 | 152.2E6  | 51.843   | 47.307     |
| 20)                         | A Methoxychlor  | 6.566 | 7.316 | 245.6E6 | 76294448 | 50.836   | 50.064     |
| 21)                         | B Endrin ke...  | 6.774 | 7.440 | 578.7E6 | 163.4E6  | 53.334   | 53.160     |
| 23)                         | Chlordane-1     | 0.000 | 4.824 | 0       | 247.2E6  | N.D.     | 1602.026 # |
| 24)                         | Chlordane-2     | 0.000 | 5.248 | 0       | 223.1E6  | N.D.     | 1325.968 # |
| 25)                         | Chlordane-3     | 5.058 | 5.853 | 599.6E6 | 197.2E6  | 466.789  | 353.641    |
| 26)                         | Chlordane-4     | 5.113 | 5.926 | 579.7E6 | 192.5E6  | 489.205  | 291.729 #  |
| 27)                         | Chlordane-5     | 5.923 | 6.760 | 534.1E6 | 139.8E6  | 1323.226 | 1148.426   |
| -----                       |                 |       |       |         |          |          |            |

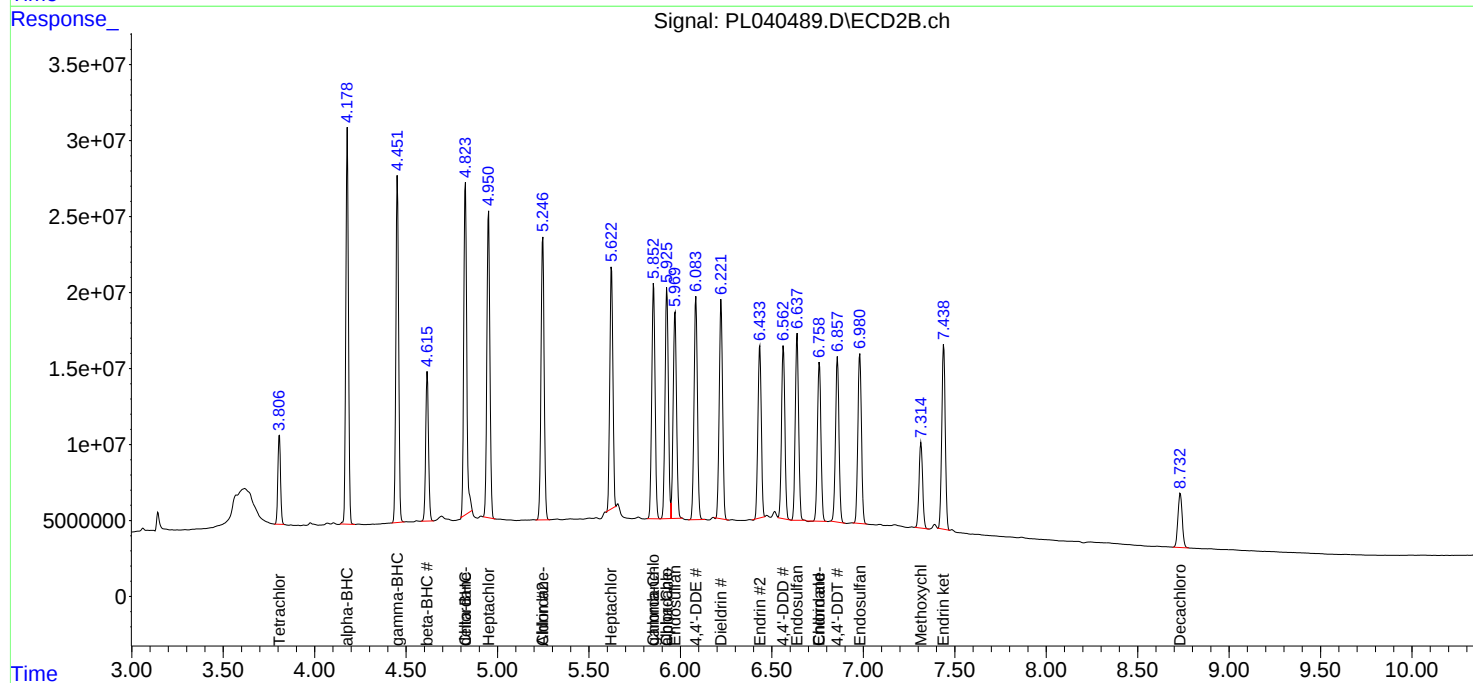
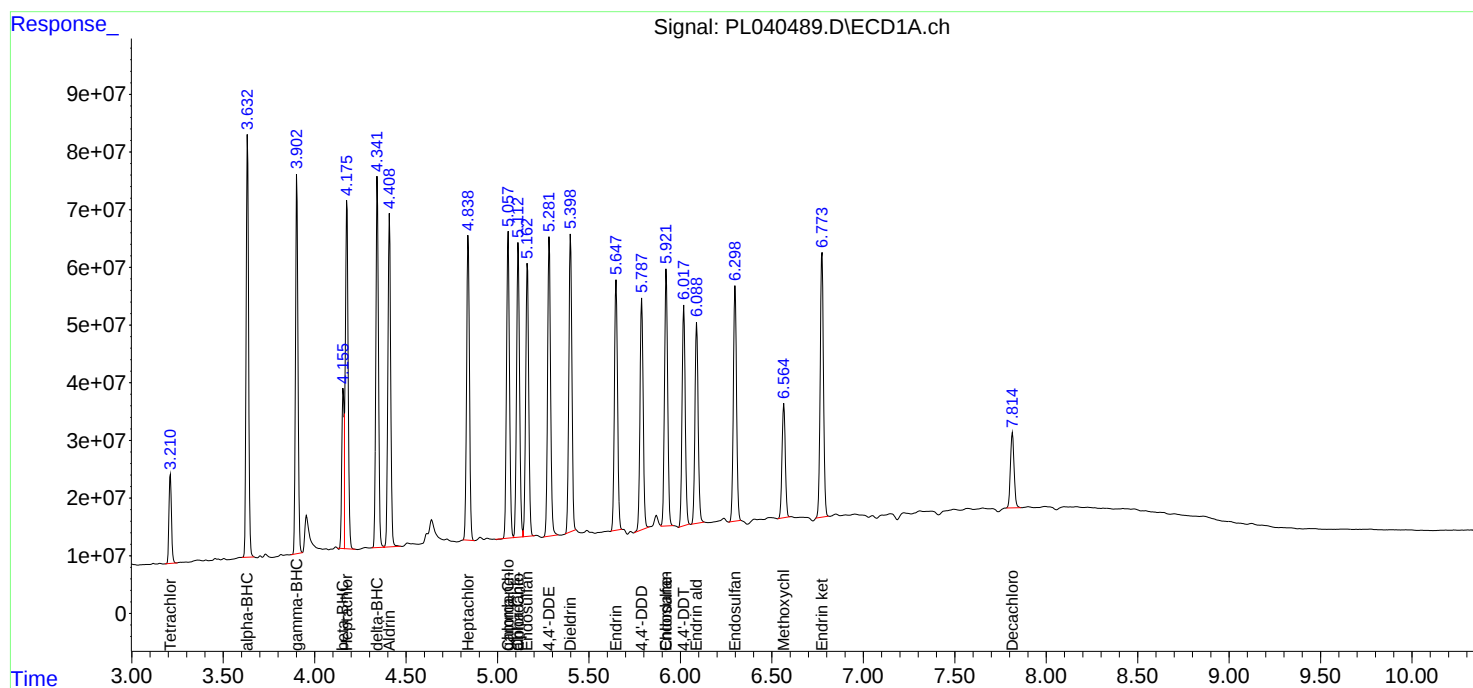
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

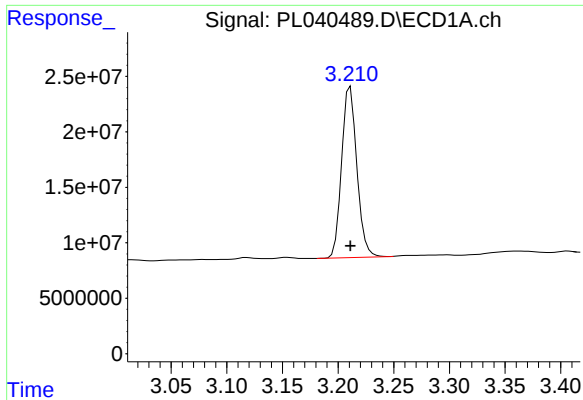
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092718\  
Data File : PL040489.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Sep 2018 04:15  
Operator : AJ\SJ  
Sample : J5097-01MS  
Misc :  
ALS Vial : 62 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 28 04:50:17 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092618.M  
Quant Title : GC Extractables  
QLast Update : Thu Sep 27 01:27:39 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

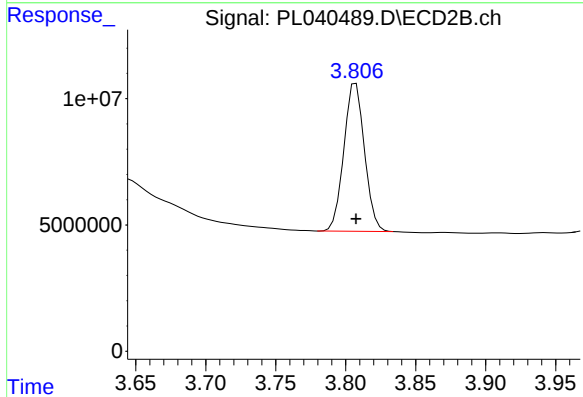




#1 Tetrachloro-m-xylene

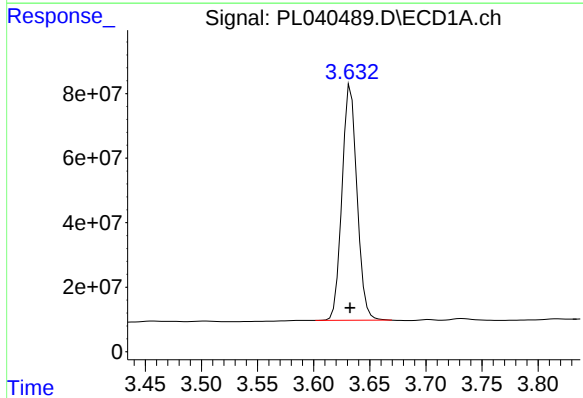
R.T.: 3.211 min  
Delta R.T.: 0.000 min  
Response: 146716223  
Conc: 20.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



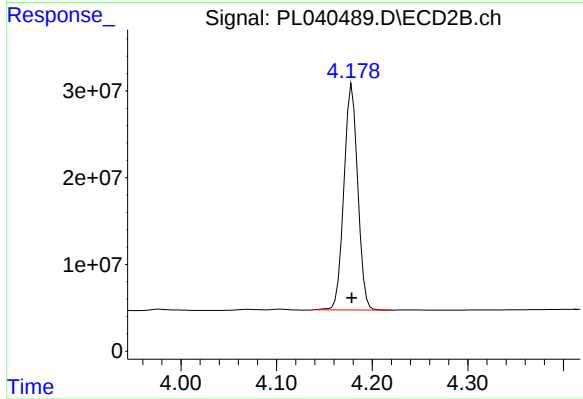
#1 Tetrachloro-m-xylene

R.T.: 3.807 min  
Delta R.T.: 0.000 min  
Response: 60131095  
Conc: 19.04 ng/ml



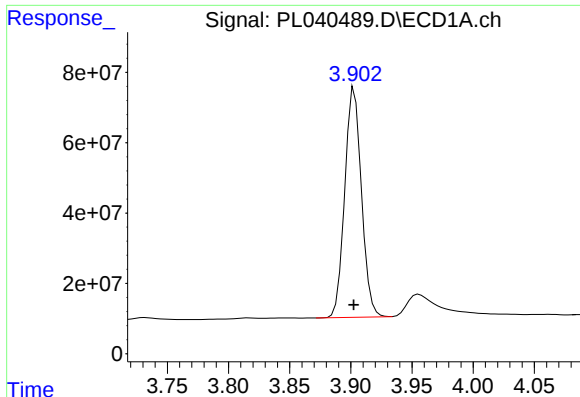
#2 alpha-BHC

R.T.: 3.633 min  
Delta R.T.: 0.000 min  
Response: 678244354  
Conc: 57.97 ng/ml



#2 alpha-BHC

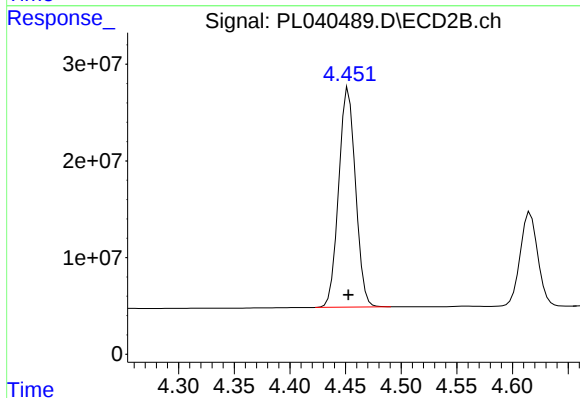
R.T.: 4.179 min  
Delta R.T.: 0.000 min  
Response: 262302767  
Conc: 55.32 ng/ml



#3 gamma-BHC (Lindane)

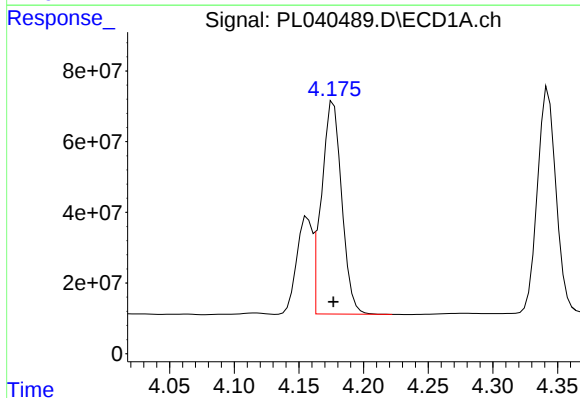
R.T.: 3.903 min  
Delta R.T.: 0.000 min  
Response: 620094687  
Conc: 57.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



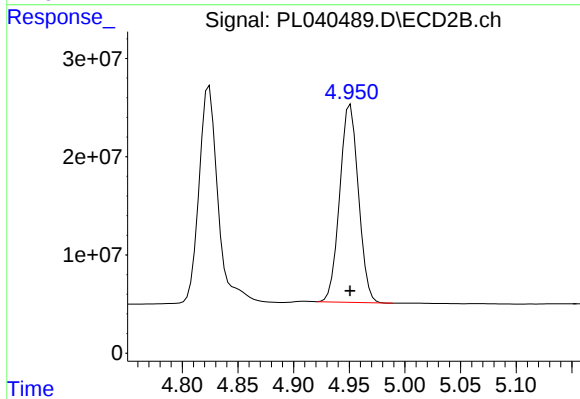
#3 gamma-BHC (Lindane)

R.T.: 4.453 min  
Delta R.T.: 0.000 min  
Response: 238911951  
Conc: 52.64 ng/ml



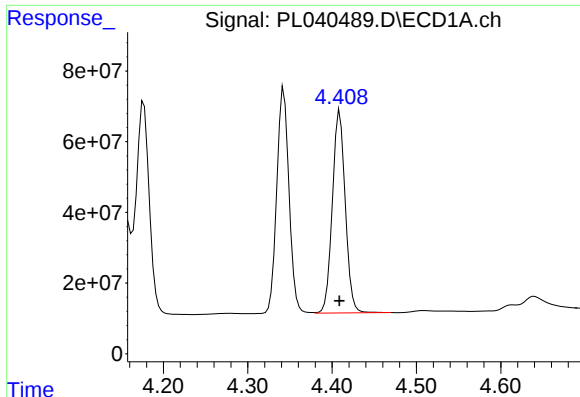
#4 Heptachlor

R.T.: 4.177 min  
Delta R.T.: 0.000 min  
Response: 655116004  
Conc: 55.67 ng/ml



#4 Heptachlor

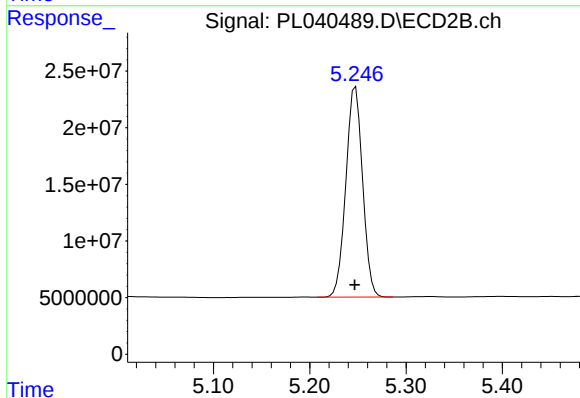
R.T.: 4.951 min  
Delta R.T.: 0.000 min  
Response: 235015138  
Conc: 55.33 ng/ml



#5 Aldrin

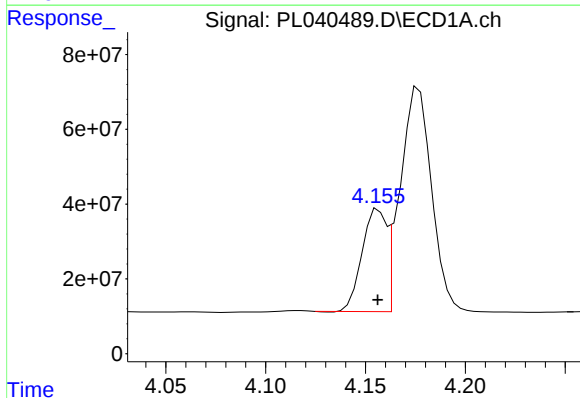
R.T.: 4.409 min  
Delta R.T.: 0.000 min  
Response: 609326602  
Conc: 57.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



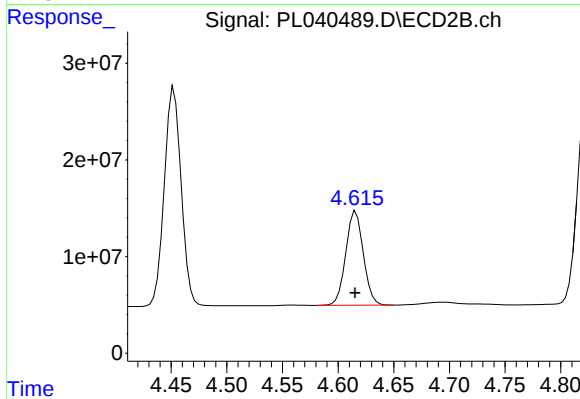
#5 Aldrin

R.T.: 5.248 min  
Delta R.T.: 0.000 min  
Response: 223117903  
Conc: 52.87 ng/ml



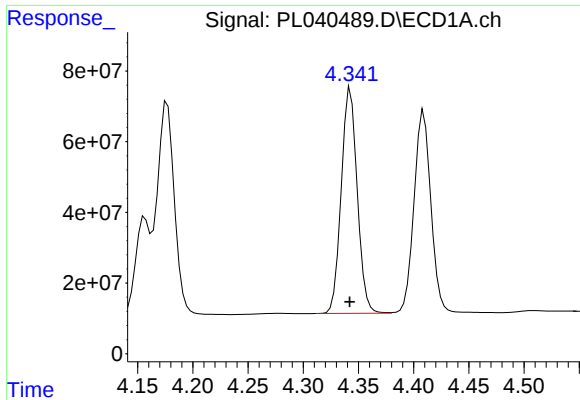
#6 beta-BHC

R.T.: 4.157 min  
Delta R.T.: 0.000 min  
Response: 231028730  
Conc: 54.73 ng/ml



#6 beta-BHC

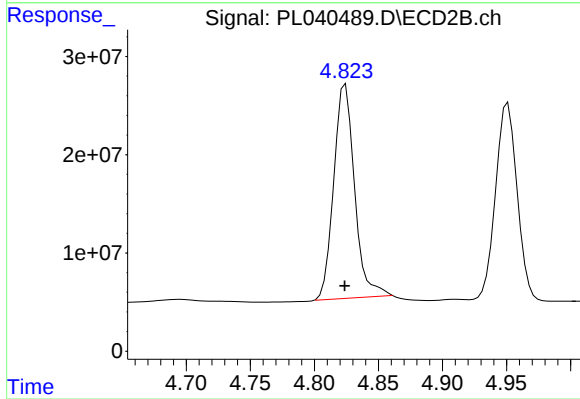
R.T.: 4.616 min  
Delta R.T.: 0.000 min  
Response: 106888647  
Conc: 53.49 ng/ml



#7 delta-BHC

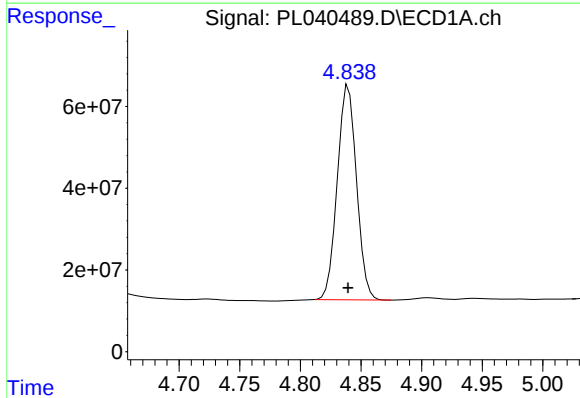
R.T.: 4.343 min  
Delta R.T.: 0.000 min  
Response: 642597380  
Conc: 57.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



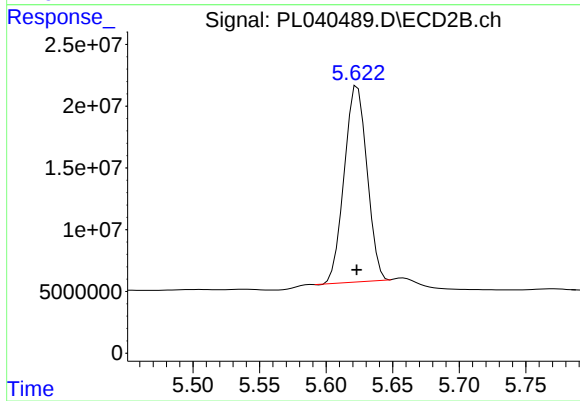
#7 delta-BHC

R.T.: 4.824 min  
Delta R.T.: 0.000 min  
Response: 247236450  
Conc: 53.56 ng/ml



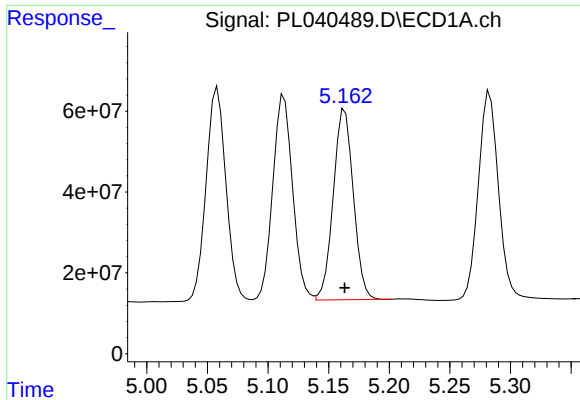
#8 Heptachlor epoxide

R.T.: 4.840 min  
Delta R.T.: 0.000 min  
Response: 579078842  
Conc: 55.94 ng/ml



#8 Heptachlor epoxide

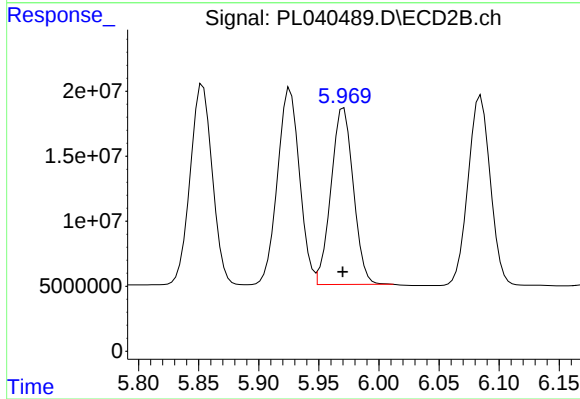
R.T.: 5.624 min  
Delta R.T.: 0.000 min  
Response: 189479074  
Conc: 49.36 ng/ml



#9 Endosulfan I

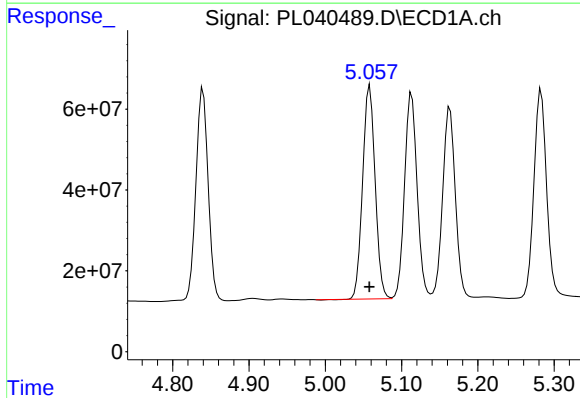
R.T.: 5.163 min  
Delta R.T.: 0.000 min  
Response: 543225383  
Conc: 53.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



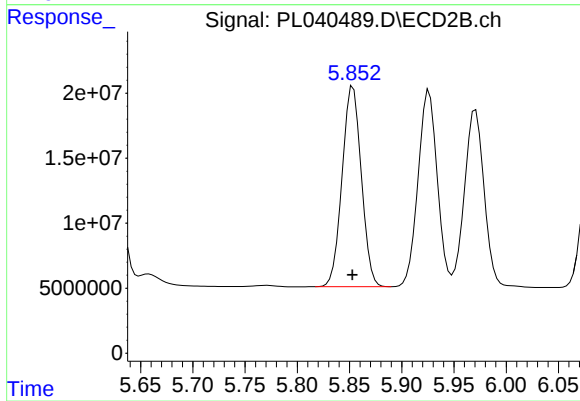
#9 Endosulfan I

R.T.: 5.971 min  
Delta R.T.: 0.000 min  
Response: 176031350  
Conc: 47.31 ng/ml



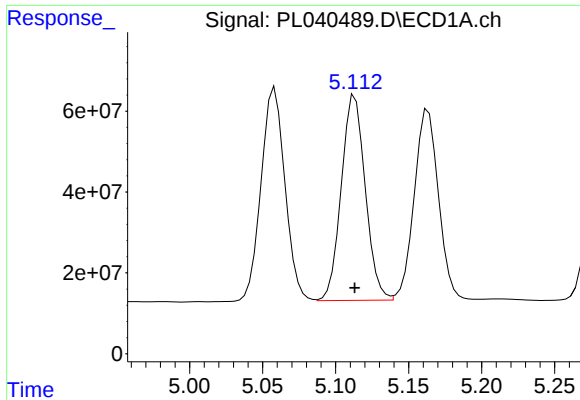
#10 gamma-Chlordane

R.T.: 5.058 min  
Delta R.T.: 0.000 min  
Response: 599610648  
Conc: 55.21 ng/ml



#10 gamma-Chlordane

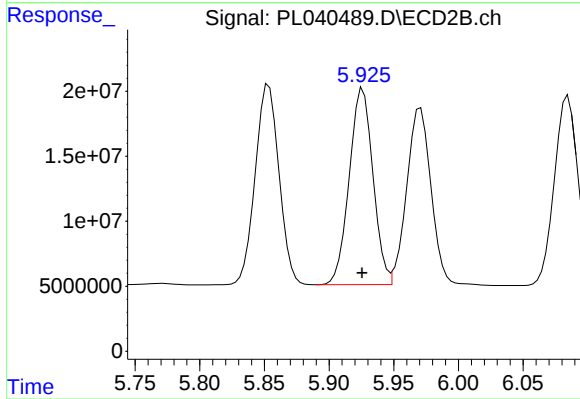
R.T.: 5.853 min  
Delta R.T.: 0.000 min  
Response: 197230493  
Conc: 49.91 ng/ml



#11 alpha-Chlordane

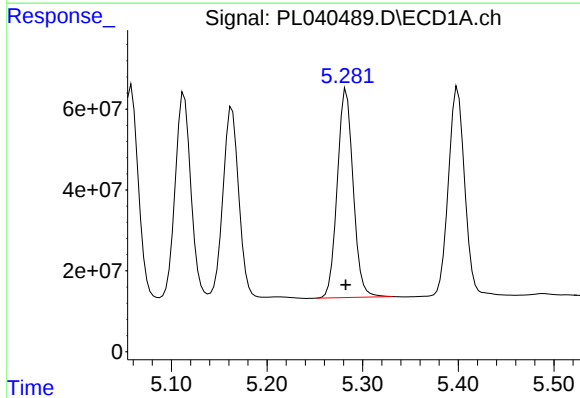
R.T.: 5.113 min  
Delta R.T.: 0.000 min  
Response: 579661239  
Conc: 55.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



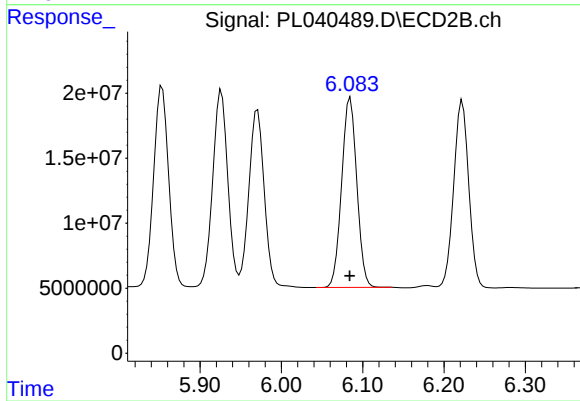
#11 alpha-Chlordane

R.T.: 5.926 min  
Delta R.T.: 0.000 min  
Response: 192529972  
Conc: 49.06 ng/ml



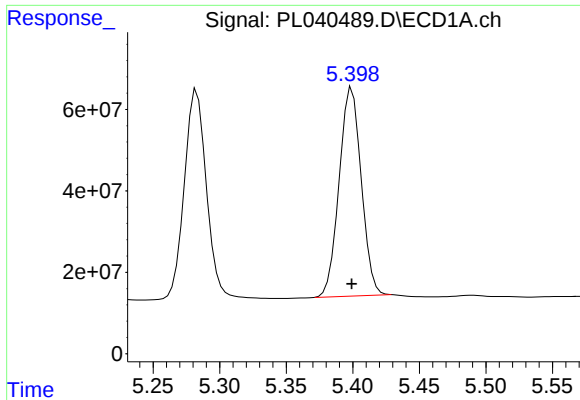
#12 4,4'-DDE

R.T.: 5.283 min  
Delta R.T.: 0.000 min  
Response: 595195114  
Conc: 53.85 ng/ml



#12 4,4'-DDE

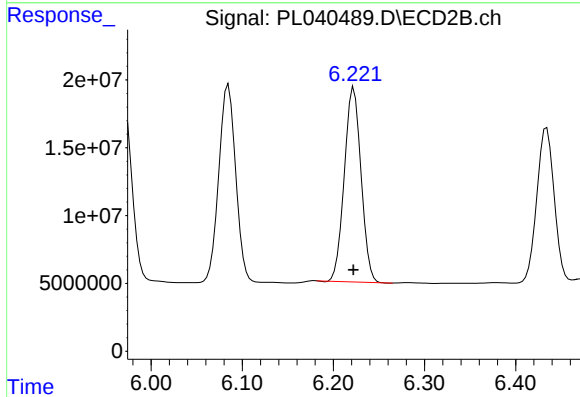
R.T.: 6.085 min  
Delta R.T.: 0.000 min  
Response: 188540577  
Conc: 46.83 ng/ml



#13 Dieldrin

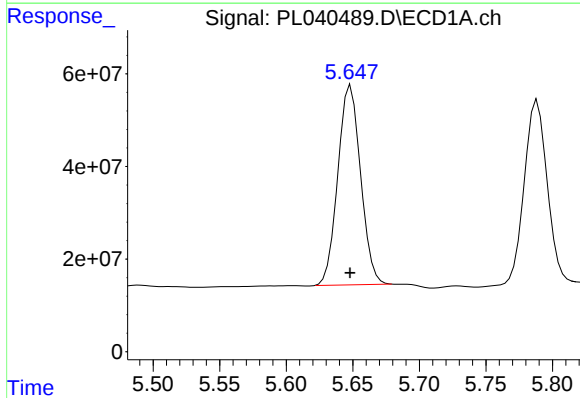
R.T.: 5.399 min  
Delta R.T.: 0.000 min  
Response: 592846950  
Conc: 54.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



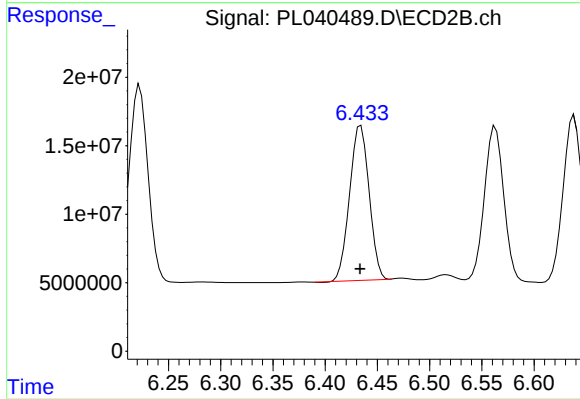
#13 Dieldrin

R.T.: 6.223 min  
Delta R.T.: 0.000 min  
Response: 182837955  
Conc: 47.86 ng/ml



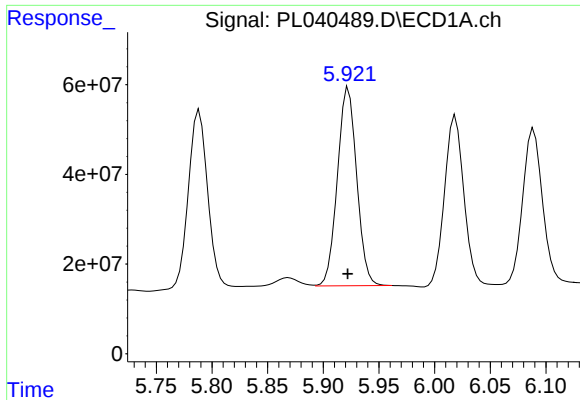
#14 Endrin

R.T.: 5.649 min  
Delta R.T.: 0.000 min  
Response: 513775992  
Conc: 51.72 ng/ml



#14 Endrin

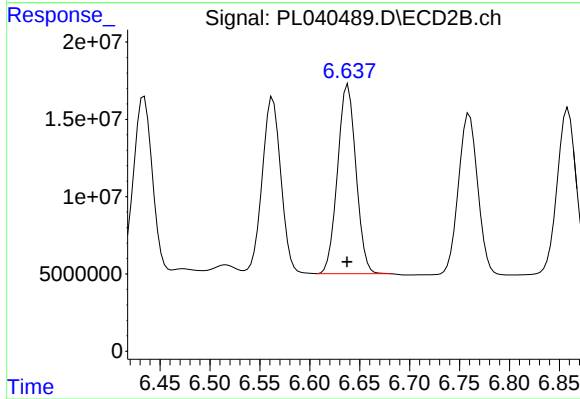
R.T.: 6.434 min  
Delta R.T.: 0.000 min  
Response: 147074676  
Conc: 45.02 ng/ml



#15 Endosulfan II

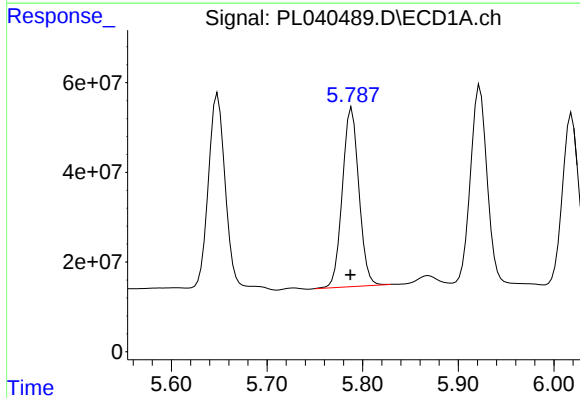
R.T.: 5.923 min  
Delta R.T.: 0.000 min  
Response: 534125763  
Conc: 53.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



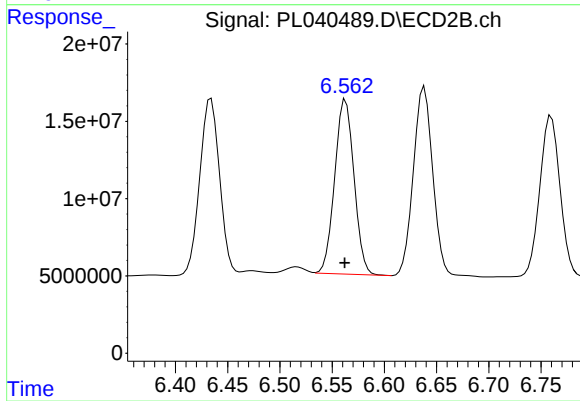
#15 Endosulfan II

R.T.: 6.638 min  
Delta R.T.: 0.000 min  
Response: 157013293  
Conc: 44.92 ng/ml



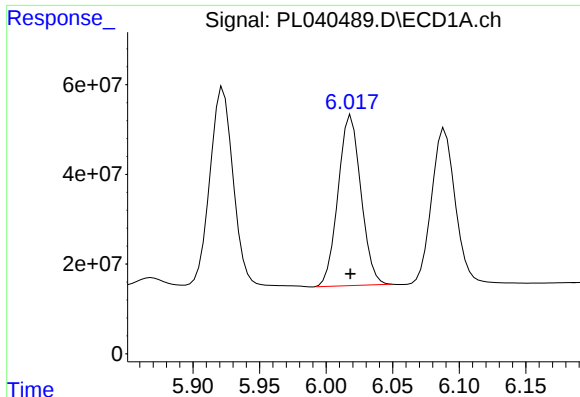
#16 4,4'-DDD

R.T.: 5.789 min  
Delta R.T.: 0.002 min  
Response: 481812978  
Conc: 52.19 ng/ml



#16 4,4'-DDD

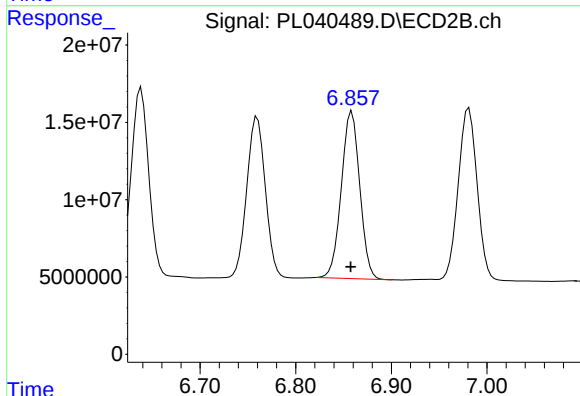
R.T.: 6.563 min  
Delta R.T.: 0.000 min  
Response: 145309901  
Conc: 45.74 ng/ml



#17 4,4'-DDT

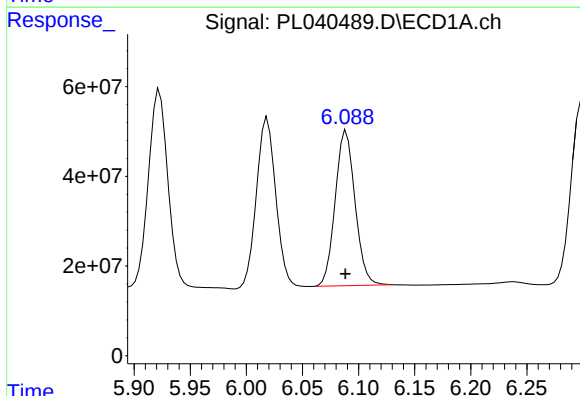
R.T.: 6.019 min  
Delta R.T.: 0.000 min  
Response: 455202183  
Conc: 56.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



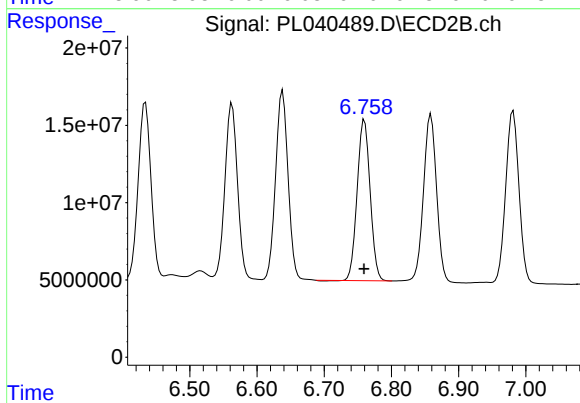
#17 4,4'-DDT

R.T.: 6.859 min  
Delta R.T.: 0.000 min  
Response: 145206597  
Conc: 47.65 ng/ml



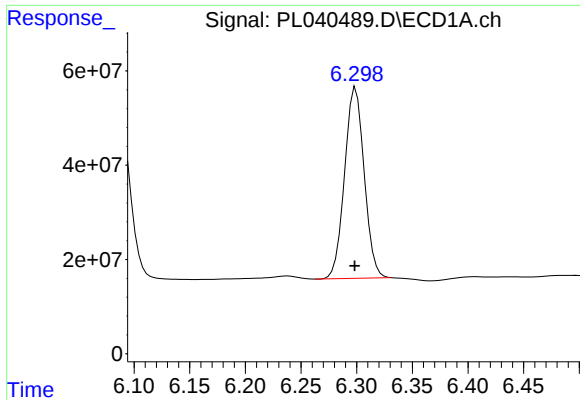
#18 Endrin aldehyde

R.T.: 6.089 min  
Delta R.T.: 0.000 min  
Response: 425813559  
Conc: 50.71 ng/ml



#18 Endrin aldehyde

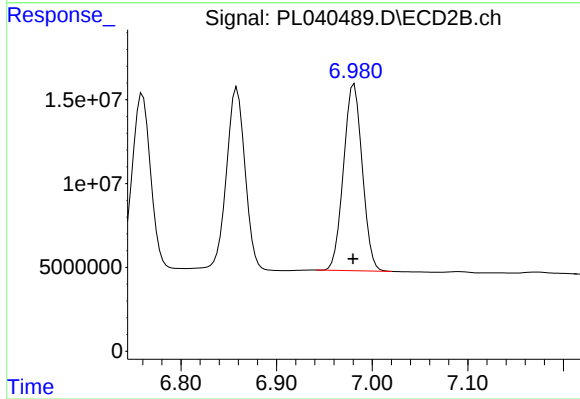
R.T.: 6.760 min  
Delta R.T.: 0.000 min  
Response: 139841562  
Conc: 46.72 ng/ml



#19 Endosulfan Sulfate

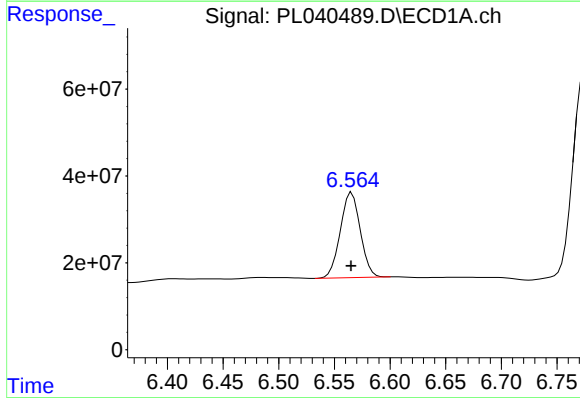
R.T.: 6.299 min  
Delta R.T.: 0.000 min  
Response: 496203632  
Conc: 51.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



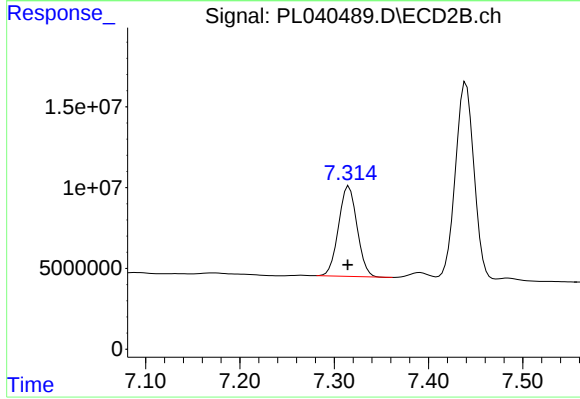
#19 Endosulfan Sulfate

R.T.: 6.981 min  
Delta R.T.: 0.001 min  
Response: 152161643  
Conc: 47.31 ng/ml



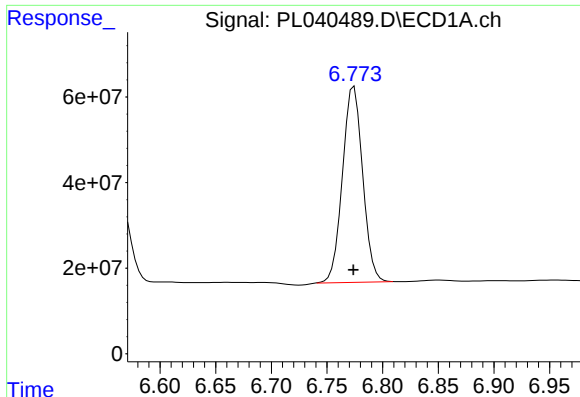
#20 Methoxychlor

R.T.: 6.566 min  
Delta R.T.: 0.000 min  
Response: 245554500  
Conc: 50.84 ng/ml



#20 Methoxychlor

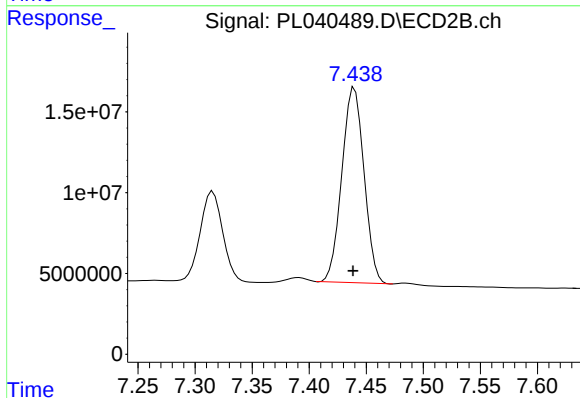
R.T.: 7.316 min  
Delta R.T.: 0.001 min  
Response: 76294448  
Conc: 50.06 ng/ml



#21 Endrin ketone

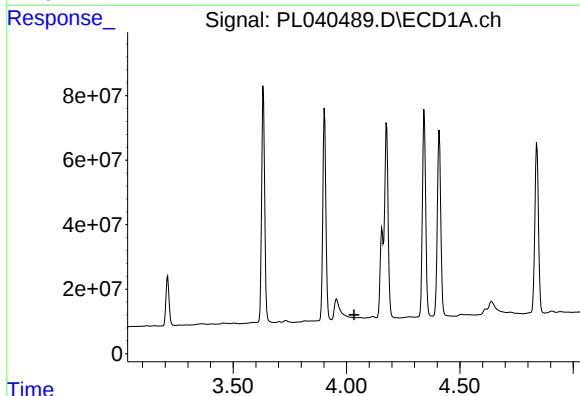
R.T.: 6.774 min  
Delta R.T.: 0.000 min  
Response: 578664083  
Conc: 53.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



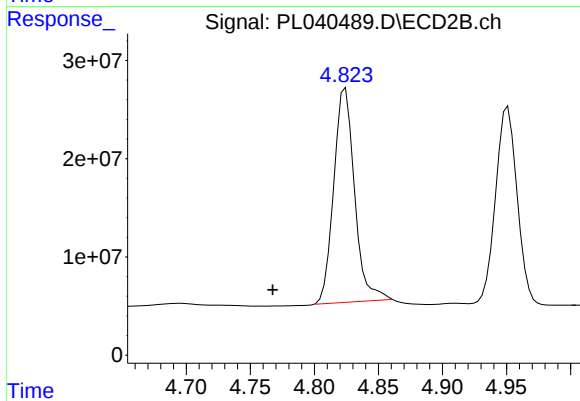
#21 Endrin ketone

R.T.: 7.440 min  
Delta R.T.: 0.001 min  
Response: 163418895  
Conc: 53.16 ng/ml



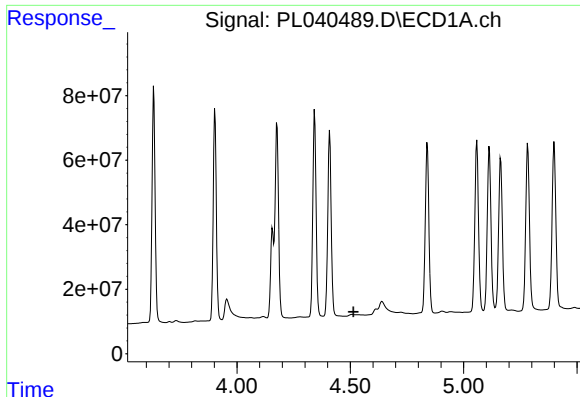
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.034 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

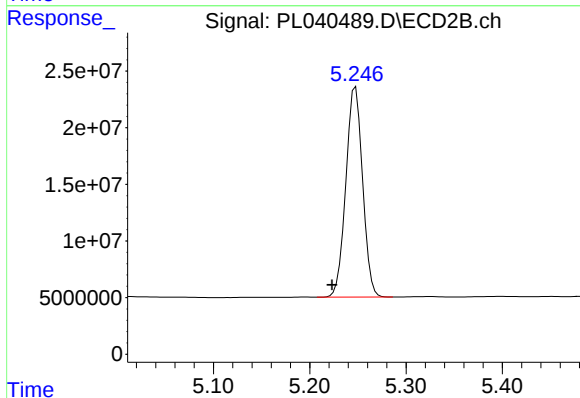
R.T.: 4.824 min  
Delta R.T.: 0.057 min  
Response: 247236450  
Conc: 1602.03 ng/ml



#24 Chlordane-2

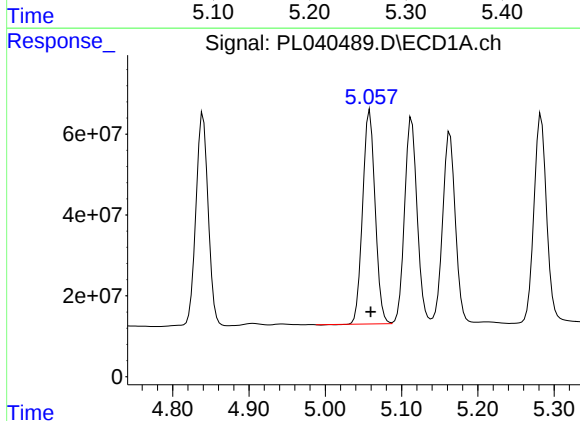
R.T.: 0.000 min  
Exp R.T.: 4.514 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



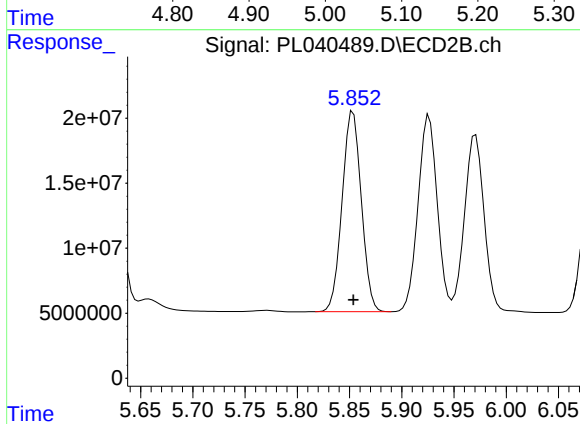
#24 Chlordane-2

R.T.: 5.248 min  
Delta R.T.: 0.025 min  
Response: 223117903  
Conc: 1325.97 ng/ml



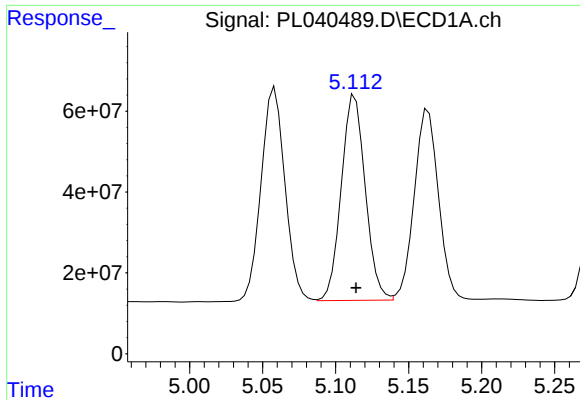
#25 Chlordane-3

R.T.: 5.058 min  
Delta R.T.: -0.001 min  
Response: 599610648  
Conc: 466.79 ng/ml



#25 Chlordane-3

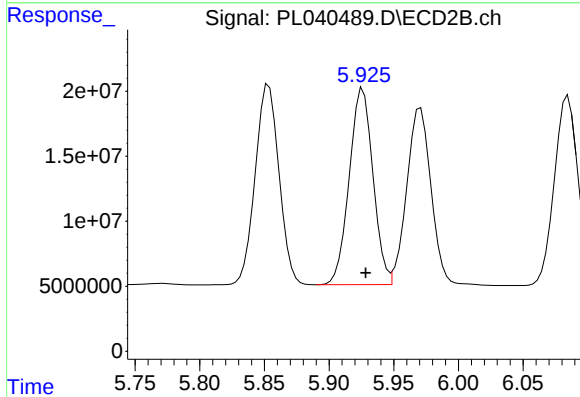
R.T.: 5.853 min  
Delta R.T.: 0.000 min  
Response: 197230493  
Conc: 353.64 ng/ml



#26 Chlordane-4

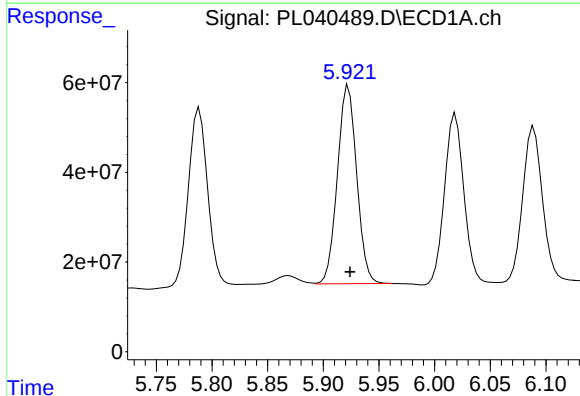
R.T.: 5.113 min  
Delta R.T.: 0.000 min  
Response: 579661239  
Conc: 489.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



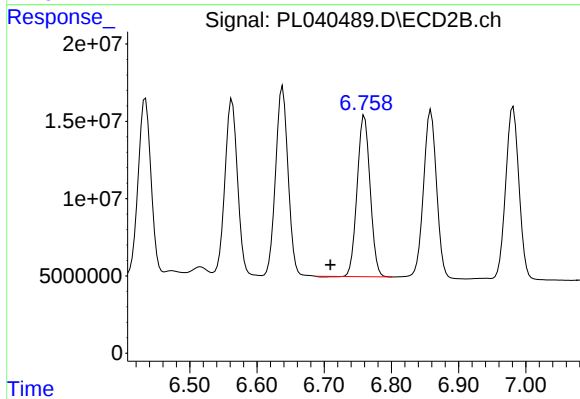
#26 Chlordane-4

R.T.: 5.926 min  
Delta R.T.: -0.002 min  
Response: 192529972  
Conc: 291.73 ng/ml



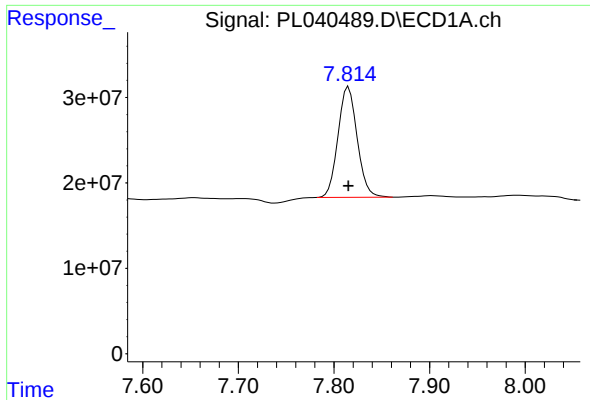
#27 Chlordane-5

R.T.: 5.923 min  
Delta R.T.: -0.002 min  
Response: 534125763  
Conc: 1323.23 ng/ml



#27 Chlordane-5

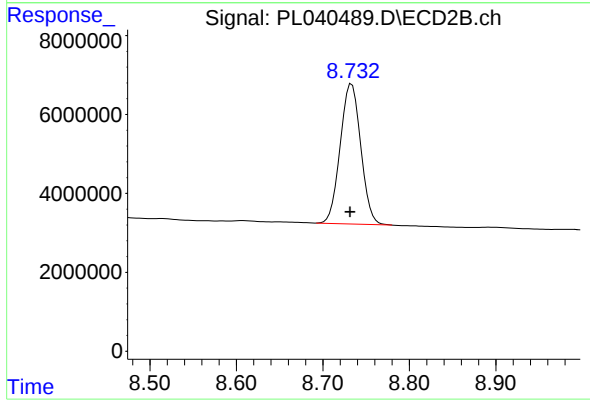
R.T.: 6.760 min  
Delta R.T.: 0.050 min  
Response: 139841562  
Conc: 1148.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.815 min  
Delta R.T.: 0.000 min  
Response: 181145137  
Conc: 19.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.733 min  
Delta R.T.: 0.002 min  
Response: 58352114  
Conc: 18.43 ng/ml