

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121320\  
 Data File : PL063554.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Dec 2020 17:06  
 Operator : DD\AJ  
 Sample : L5043-07MS  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 KENS-SS2-121020-0-7MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 14 04:32:08 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121020.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Dec 10 15:57:40 2020  
 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... | 3.409 | 3.950  | 40544684 | 72926615 | 23.826   | 23.268     |
| 28)                         | SA Decachlor... | 8.124 | 8.990  | 35324928 | 42615249 | 17.541   | 16.922     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.841 | 4.336  | 153.2E6  | 285.2E6  | 61.108   | 60.256     |
| 3)                          | MA gamma-BHC... | 4.121 | 4.619  | 136.7E6  | 258.9E6  | 59.968   | 58.070     |
| 4)                          | MA Heptachlor   | 4.417 | 5.124  | 124.8E6  | 232.9E6  | 58.142   | 56.730     |
| 5)                          | MB Aldrin       | 4.662 | 5.427  | 121.6E6  | 224.3E6  | 63.772   | 57.965     |
| 6)                          | B beta-BHC      | 4.371 | 4.791  | 57953806 | 115.0E6  | 59.686   | 57.890     |
| 7)                          | B delta-BHC     | 4.571 | 5.006  | 130.9E6  | 237.3E6  | 60.119   | 58.639     |
| 8)                          | B Heptachlo...  | 5.101 | 5.813  | 110.7E6  | 195.2E6  | 59.496   | 53.885     |
| 9)                          | A Endosulfan I  | 5.435 | 6.168  | 103.6E6  | 176.3E6  | 59.345   | 52.831     |
| 10)                         | B gamma-Chl...  | 5.326 | 6.047  | 116.6E6  | 180.3E6  | 62.710   | 50.799     |
| 11)                         | B alpha-Chl...  | 5.383 | 6.119  | 109.9E6  | 184.5E6  | 59.119   | 52.060     |
| 12)                         | B 4,4'-DDE      | 5.548 | 6.278  | 98233287 | 180.7E6  | 57.837   | 51.601     |
| 13)                         | MA Dieldrin     | 5.676 | 6.425  | 104.8E6  | 179.8E6  | 57.555   | 52.345     |
| 14)                         | MA Endrin       | 5.931 | 6.642  | 94979621 | 144.9E6  | 56.590   | 49.536     |
| 15)                         | B Endosulfa...  | 6.203 | 6.852  | 87744581 | 143.4E6  | 49.579   | 45.015     |
| 16)                         | A 4,4'-DDD      | 6.061 | 6.768  | 85636411 | 156.1E6  | 57.050   | 57.595     |
| 17)                         | MA 4,4'-DDT     | 6.299 | 7.065  | 68779387 | 123.9E6  | 50.122   | 48.453     |
| 18)                         | B Endrin al...  | 6.370 | 6.976  | 68868188 | 134.2E6  | 44.928   | 52.582     |
| 19)                         | B Endosulfa...  | 6.583 | 7.199  | 88745416 | 132.0E6  | 51.749   | 47.438     |
| 20)                         | A Methoxychlor  | 6.843 | 7.527  | 40768336 | 59423106 | 45.816   | 42.608     |
| 21)                         | B Endrin ke...  | 7.069 | 7.668  | 101.9E6  | 143.9E6  | 51.011   | 49.346     |
| 22)                         | Mirex           | 7.255 | 8.121  | 76327251 | 93260914 | 48.074   | 46.807     |
| 24)                         | Chlordane-2     | 0.000 | 5.427f | 0        | 224.3E6  | N.D.     | 1777.030 # |
| 25)                         | Chlordane-3     | 5.326 | 6.047  | 116.6E6  | 180.3E6  | 673.231  | 391.278 #  |
| 26)                         | Chlordane-4     | 5.383 | 6.119  | 109.9E6  | 184.5E6  | 751.416  | 336.524 #  |
| 27)                         | Chlordane-5     | 6.203 | 0.000  | 87744581 | 0        | 1407.493 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

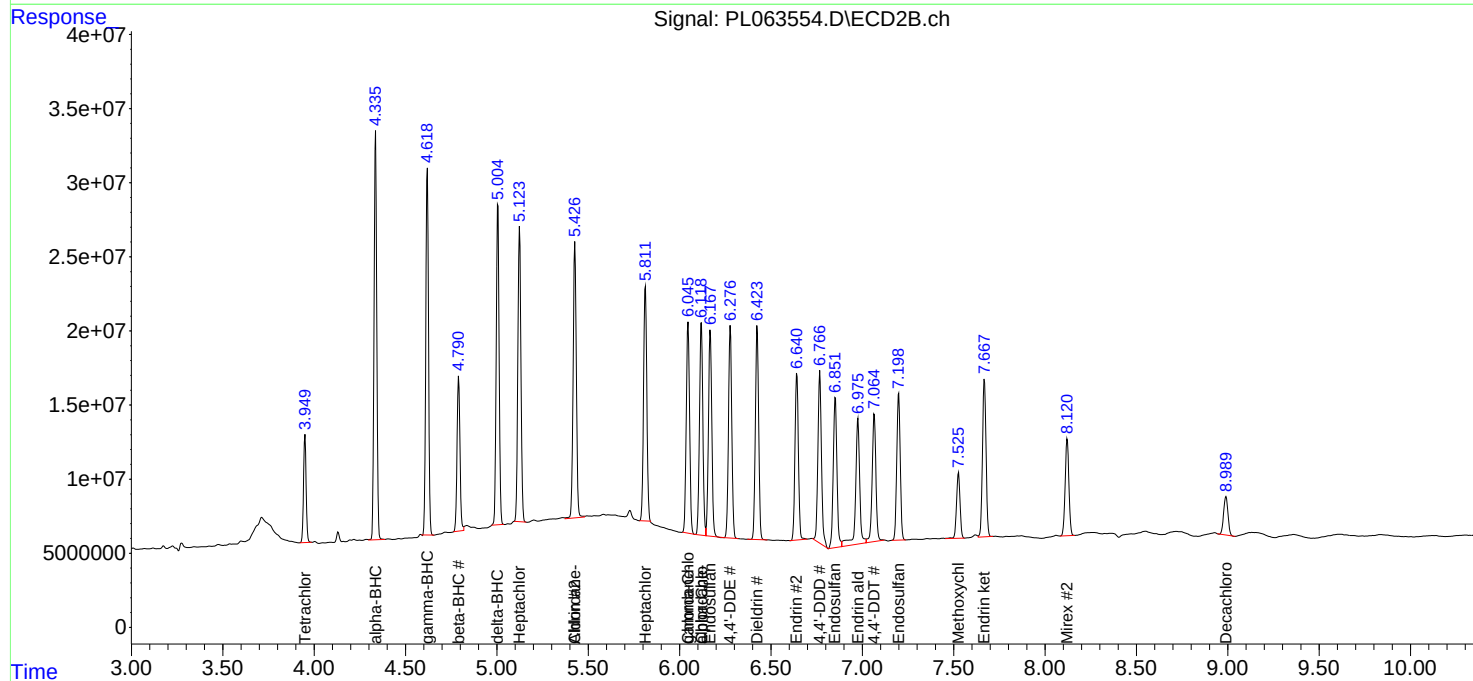
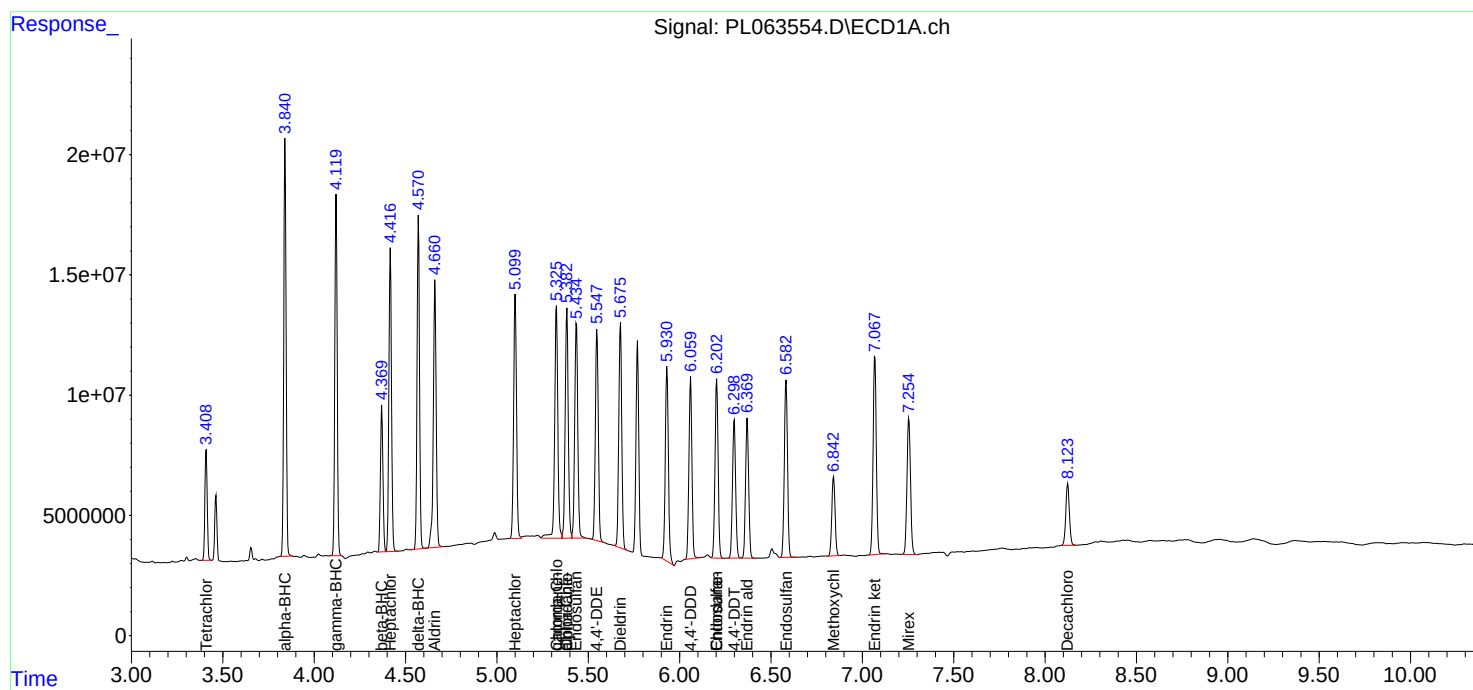
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

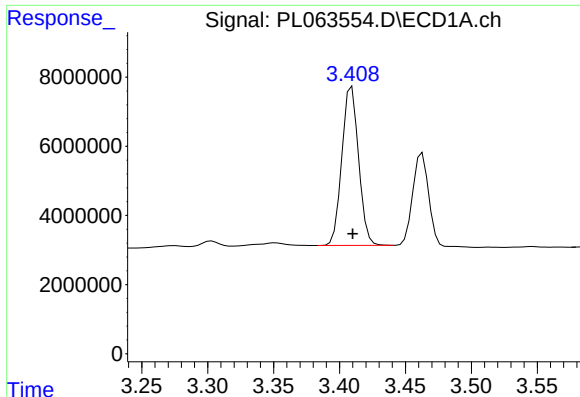
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121320\  
Data File : PL063554.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Dec 2020 17:06  
Operator : DD\AJ  
Sample : L5043-07MS  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
KENS-SS2-121020-0-7MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 14 04:32:08 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121020.M  
Quant Title : GC Extractables  
QLast Update : Thu Dec 10 15:57:40 2020  
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

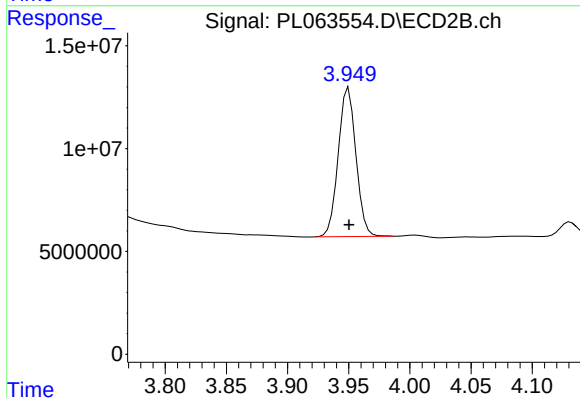




#1 Tetrachloro-m-xylene

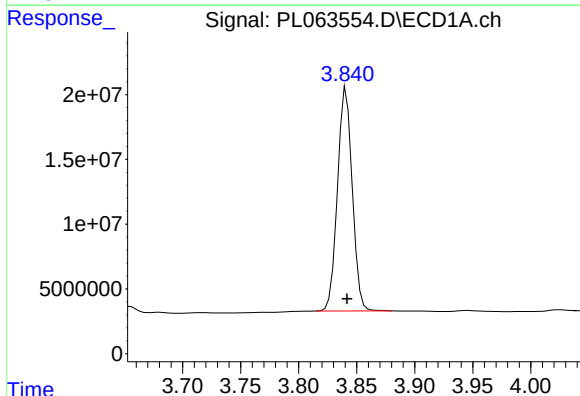
R.T.: 3.409 min  
Delta R.T.: 0.000 min  
Response: 40544684  
Conc: 23.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
KENS-SS2-121020-0-7MS



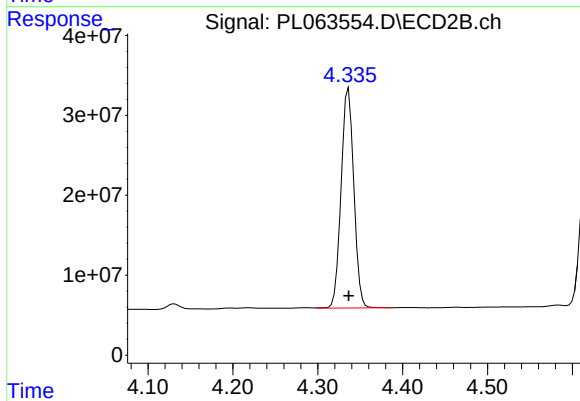
#1 Tetrachloro-m-xylene

R.T.: 3.950 min  
Delta R.T.: 0.000 min  
Response: 72926615  
Conc: 23.27 ng/ml



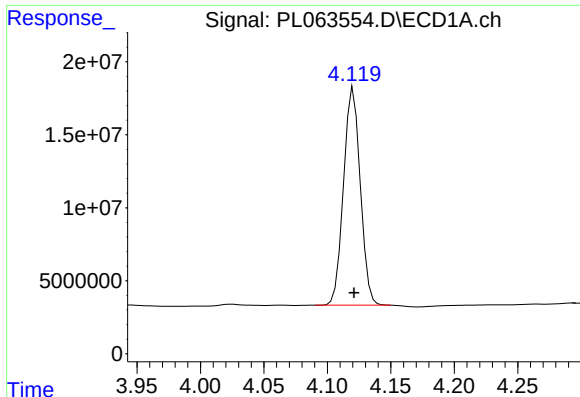
#2 alpha-BHC

R.T.: 3.841 min  
Delta R.T.: 0.000 min  
Response: 153168244  
Conc: 61.11 ng/ml



#2 alpha-BHC

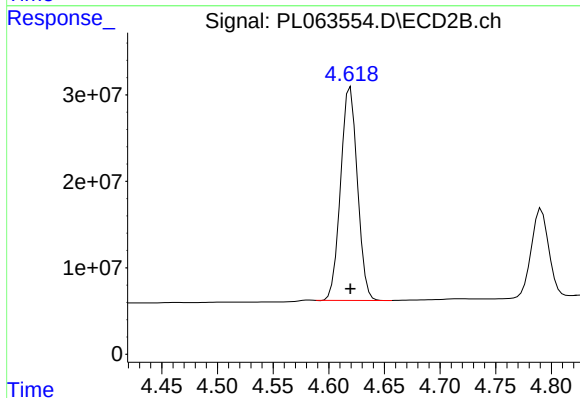
R.T.: 4.336 min  
Delta R.T.: 0.000 min  
Response: 285227840  
Conc: 60.26 ng/ml



#3 gamma-BHC (Lindane)

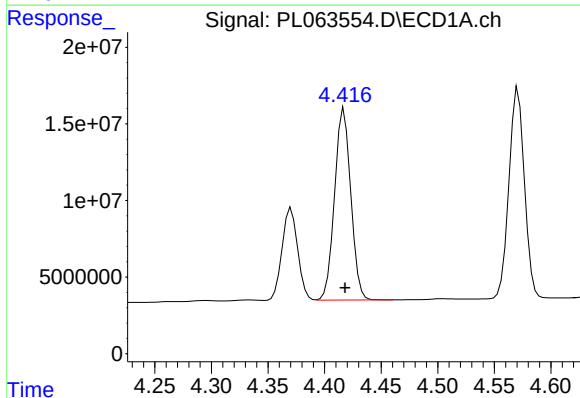
R.T.: 4.121 min  
Delta R.T.: 0.000 min  
Response: 136675337  
Conc: 59.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
KENS-SS2-121020-0-7MS



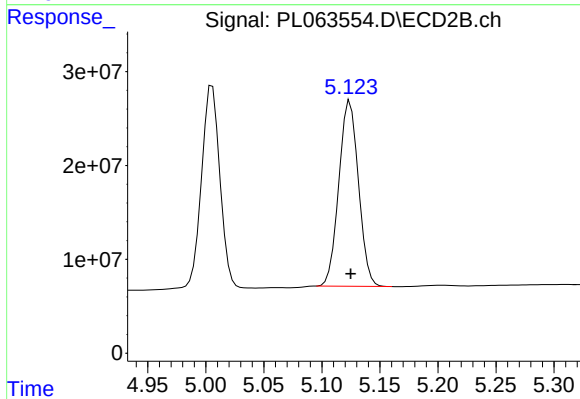
#3 gamma-BHC (Lindane)

R.T.: 4.619 min  
Delta R.T.: 0.000 min  
Response: 258895887  
Conc: 58.07 ng/ml



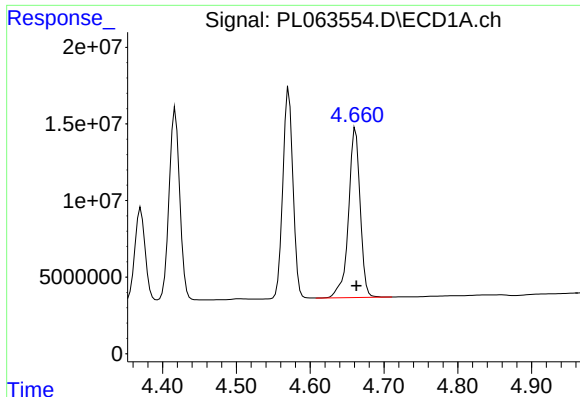
#4 Heptachlor

R.T.: 4.417 min  
Delta R.T.: 0.000 min  
Response: 124820645  
Conc: 58.14 ng/ml



#4 Heptachlor

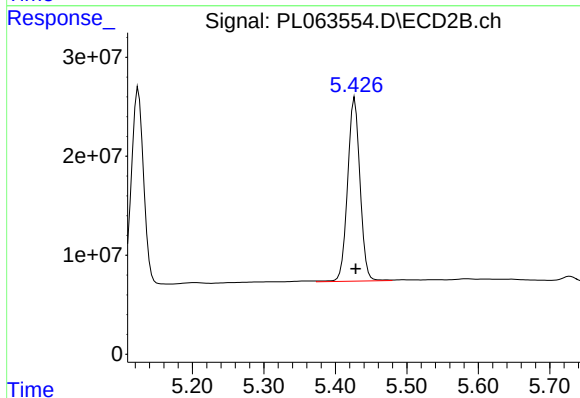
R.T.: 5.124 min  
Delta R.T.: 0.000 min  
Response: 232944193  
Conc: 56.73 ng/ml



#5 Aldrin

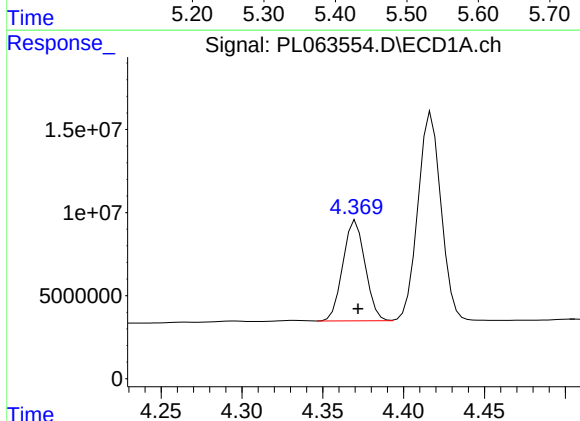
R.T.: 4.662 min  
Delta R.T.: -0.001 min  
Response: 121598978  
Conc: 63.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
KENS-SS2-121020-0-7MS



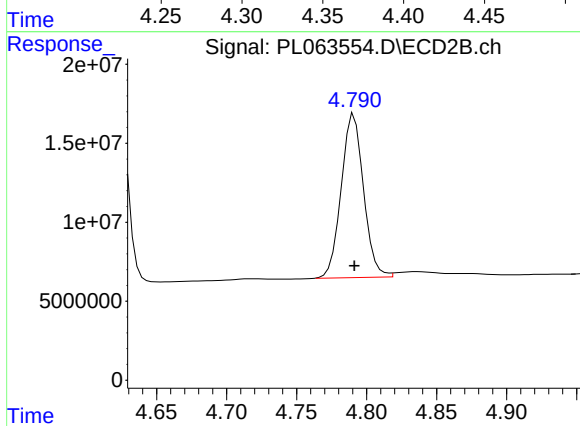
#5 Aldrin

R.T.: 5.427 min  
Delta R.T.: -0.001 min  
Response: 224269444  
Conc: 57.96 ng/ml



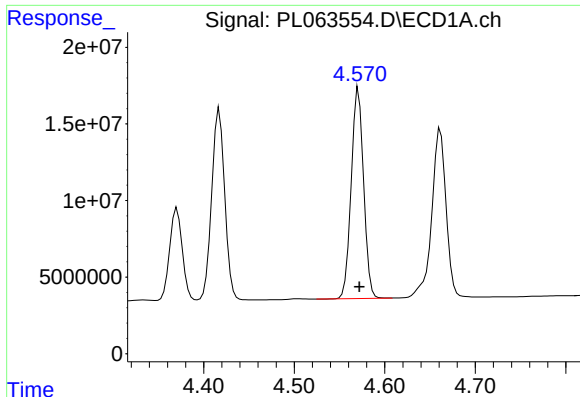
#6 beta-BHC

R.T.: 4.371 min  
Delta R.T.: -0.001 min  
Response: 57953806  
Conc: 59.69 ng/ml



#6 beta-BHC

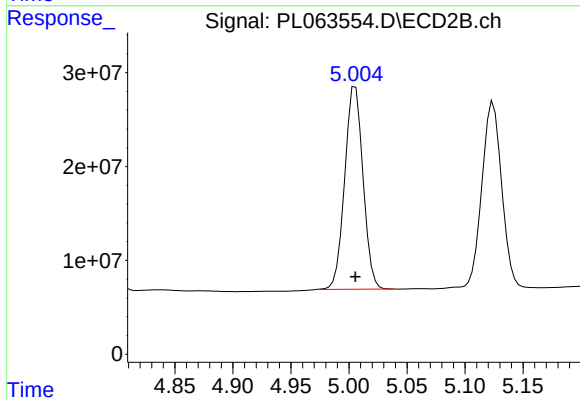
R.T.: 4.791 min  
Delta R.T.: 0.000 min  
Response: 114998967  
Conc: 57.89 ng/ml



#7 delta-BHC

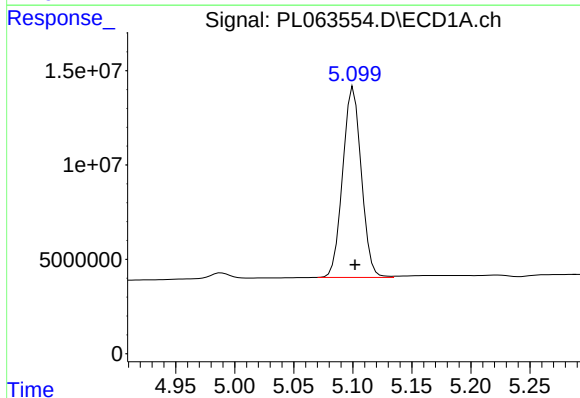
R.T.: 4.571 min  
Delta R.T.: 0.000 min  
Response: 130878180  
Conc: 60.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
KENS-SS2-121020-0-7MS



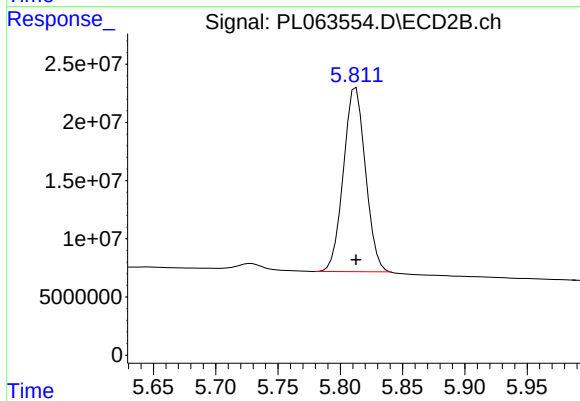
#7 delta-BHC

R.T.: 5.006 min  
Delta R.T.: 0.000 min  
Response: 237332065  
Conc: 58.64 ng/ml



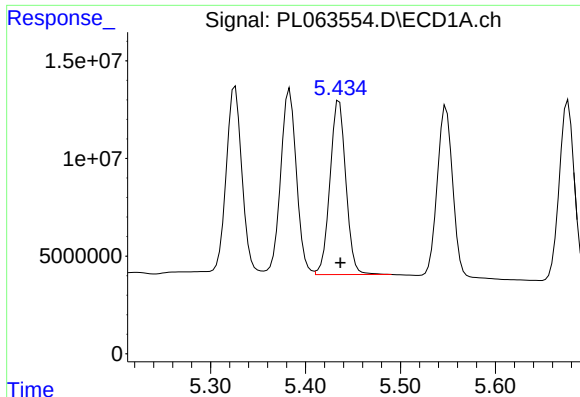
#8 Heptachlor epoxide

R.T.: 5.101 min  
Delta R.T.: -0.001 min  
Response: 110688300  
Conc: 59.50 ng/ml



#8 Heptachlor epoxide

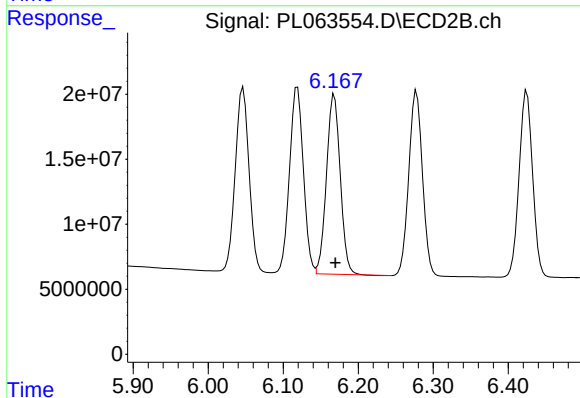
R.T.: 5.813 min  
Delta R.T.: 0.000 min  
Response: 195167579  
Conc: 53.88 ng/ml



#9 Endosulfan I

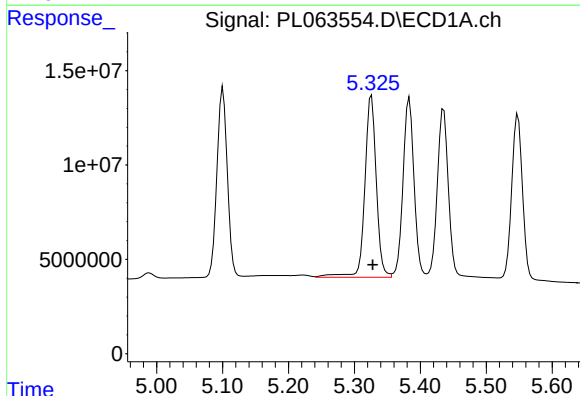
R.T.: 5.435 min  
Delta R.T.: -0.001 min  
Response: 103578827  
Conc: 59.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
KENS-SS2-121020-0-7MS



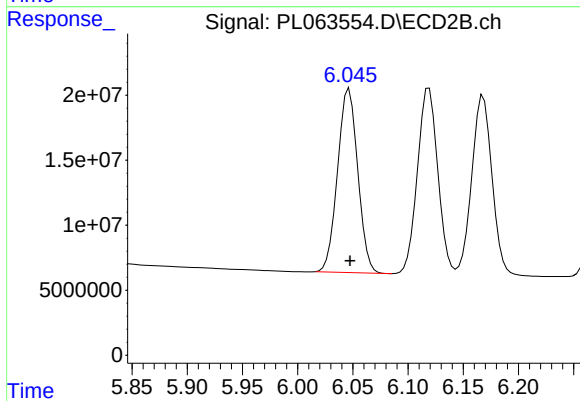
#9 Endosulfan I

R.T.: 6.168 min  
Delta R.T.: -0.002 min  
Response: 176333073  
Conc: 52.83 ng/ml



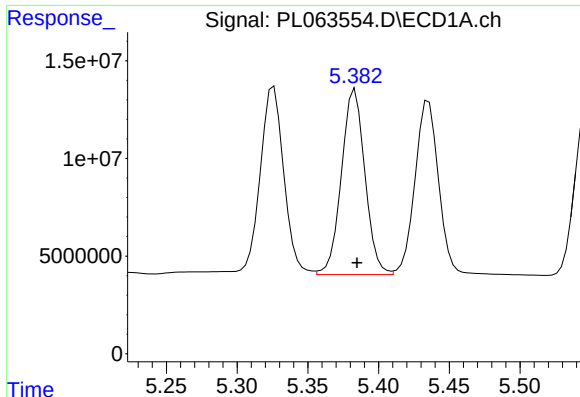
#10 gamma-Chlordane

R.T.: 5.326 min  
Delta R.T.: -0.002 min  
Response: 116642302  
Conc: 62.71 ng/ml



#10 gamma-Chlordane

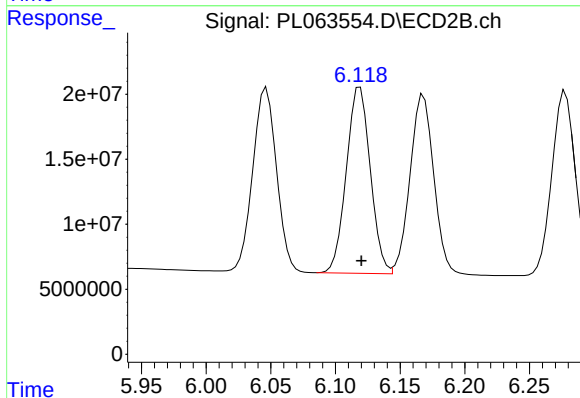
R.T.: 6.047 min  
Delta R.T.: -0.001 min  
Response: 180294235  
Conc: 50.80 ng/ml



#11 alpha-Chlordane

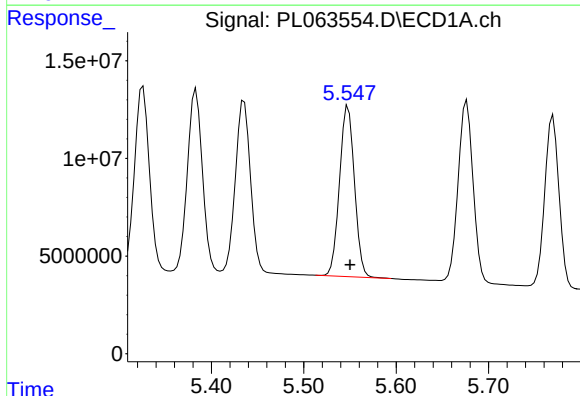
R.T.: 5.383 min  
Delta R.T.: -0.001 min  
Response: 109912907  
Conc: 59.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
KENS-SS2-121020-0-7MS



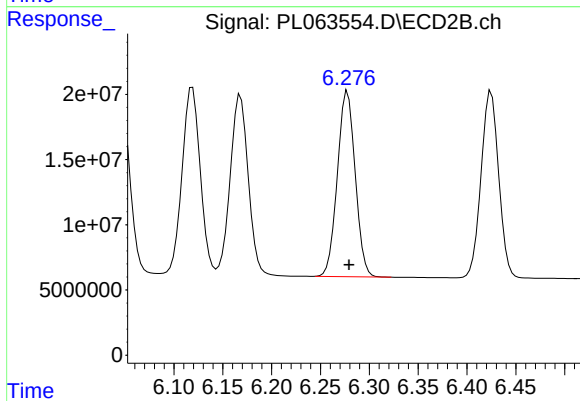
#11 alpha-Chlordane

R.T.: 6.119 min  
Delta R.T.: -0.001 min  
Response: 184505973  
Conc: 52.06 ng/ml



#12 4,4'-DDE

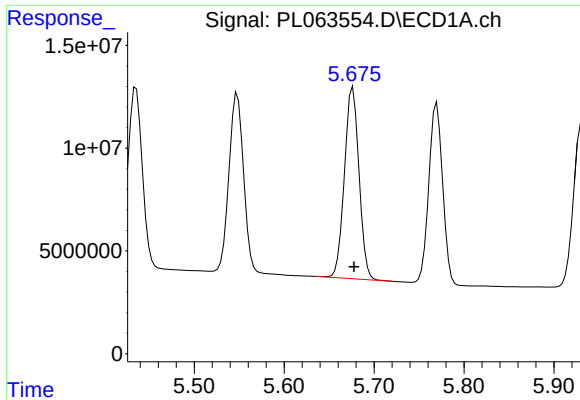
R.T.: 5.548 min  
Delta R.T.: -0.002 min  
Response: 98233287  
Conc: 57.84 ng/ml



#12 4,4'-DDE

R.T.: 6.278 min  
Delta R.T.: -0.001 min  
Response: 180723606  
Conc: 51.60 ng/ml

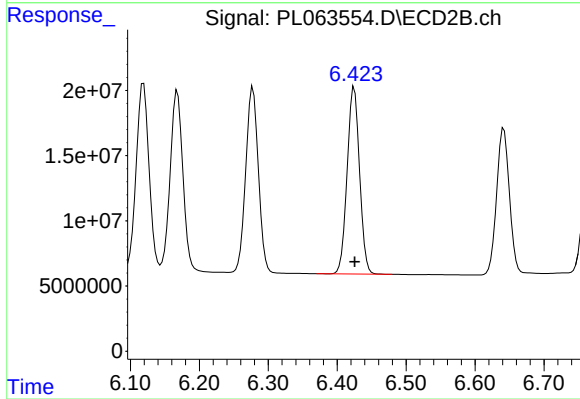




#13 Dieldrin

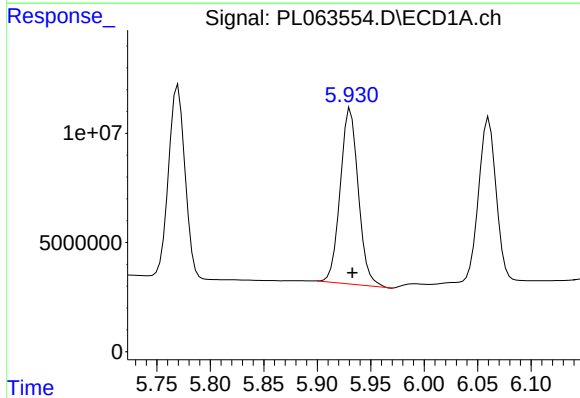
R.T.: 5.676 min  
Delta R.T.: -0.002 min  
Response: 104779472  
Conc: 57.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
KENS-SS2-121020-0-7MS



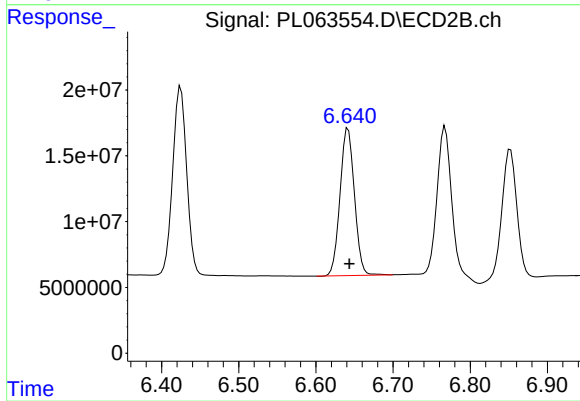
#13 Dieldrin

R.T.: 6.425 min  
Delta R.T.: 0.000 min  
Response: 179832967  
Conc: 52.35 ng/ml



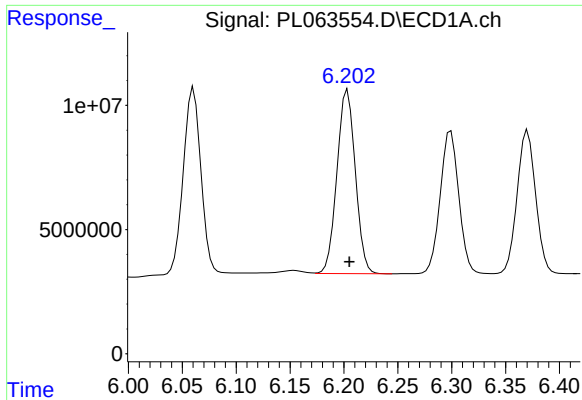
#14 Endrin

R.T.: 5.931 min  
Delta R.T.: -0.002 min  
Response: 94979621  
Conc: 56.59 ng/ml



#14 Endrin

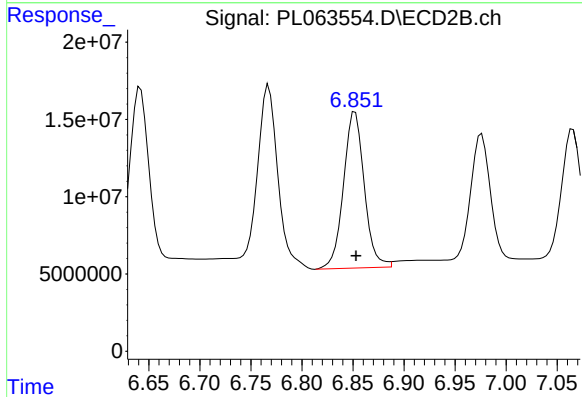
R.T.: 6.642 min  
Delta R.T.: -0.002 min  
Response: 144894207  
Conc: 49.54 ng/ml



#15 Endosulfan II

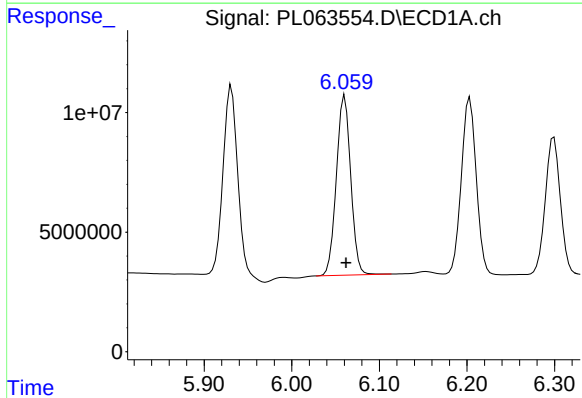
R.T.: 6.203 min  
Delta R.T.: -0.002 min  
Response: 87744581  
Conc: 49.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
KENS-SS2-121020-0-7MS



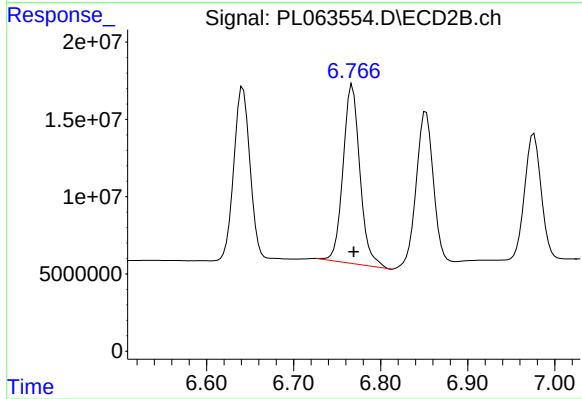
#15 Endosulfan II

R.T.: 6.852 min  
Delta R.T.: 0.000 min  
Response: 143373336  
Conc: 45.01 ng/ml



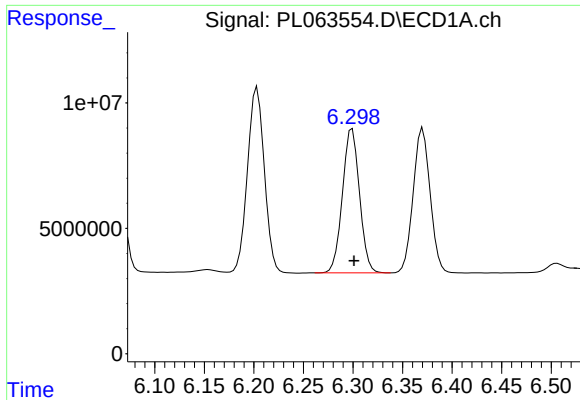
#16 4,4'-DDD

R.T.: 6.061 min  
Delta R.T.: -0.001 min  
Response: 85636411  
Conc: 57.05 ng/ml



#16 4,4'-DDD

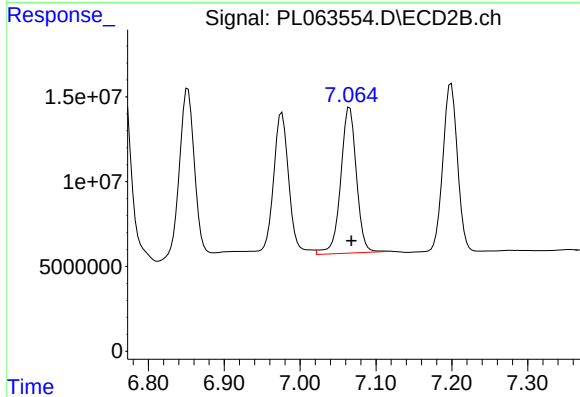
R.T.: 6.768 min  
Delta R.T.: -0.001 min  
Response: 156110286  
Conc: 57.60 ng/ml



#17 4,4'-DDT

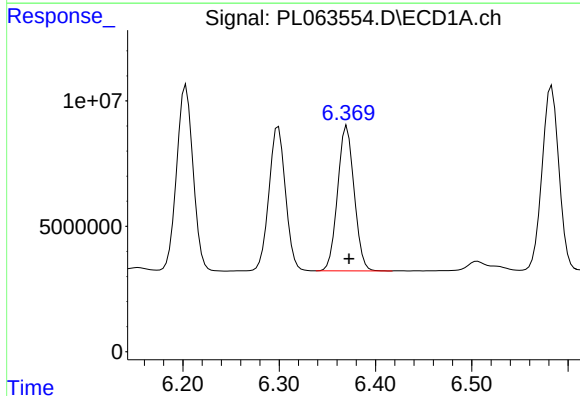
R.T.: 6.299 min  
Delta R.T.: -0.002 min  
Response: 68779387  
Conc: 50.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
KENS-SS2-121020-0-7MS



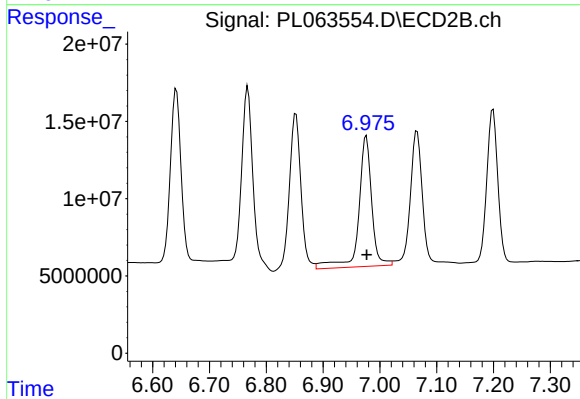
#17 4,4'-DDT

R.T.: 7.065 min  
Delta R.T.: -0.002 min  
Response: 123888184  
Conc: 48.45 ng/ml



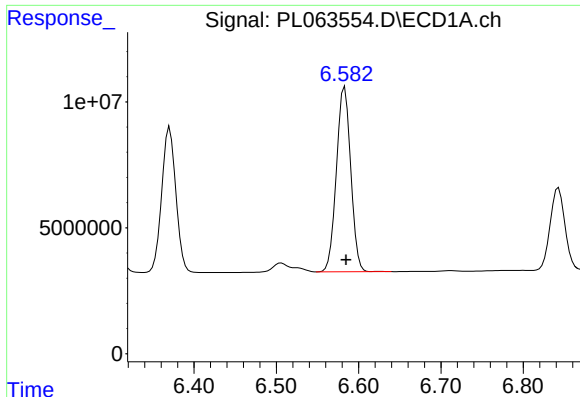
#18 Endrin aldehyde

R.T.: 6.370 min  
Delta R.T.: -0.002 min  
Response: 68868188  
Conc: 44.93 ng/ml



#18 Endrin aldehyde

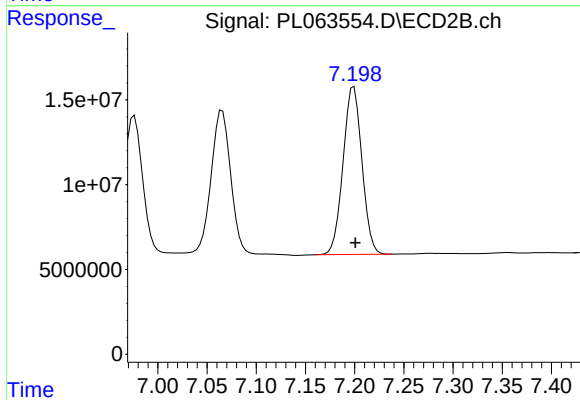
R.T.: 6.976 min  
Delta R.T.: 0.000 min  
Response: 134181447  
Conc: 52.58 ng/ml



#19 Endosulfan Sulfate

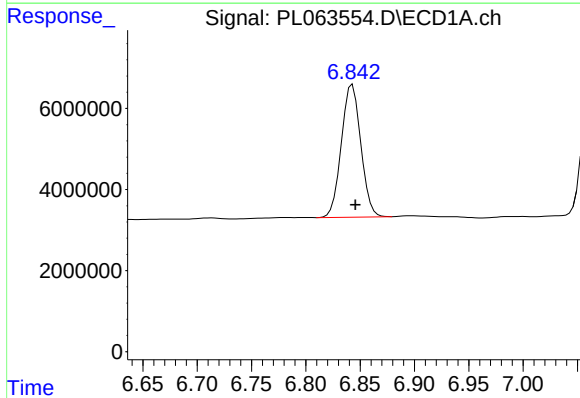
R.T.: 6.583 min  
Delta R.T.: -0.002 min  
Response: 88745416  
Conc: 51.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
KENS-SS2-121020-0-7MS



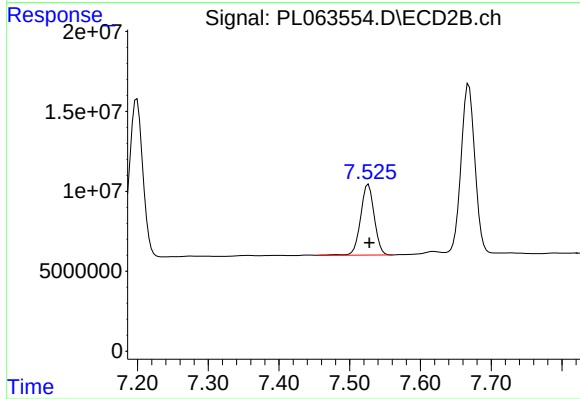
#19 Endosulfan Sulfate

R.T.: 7.199 min  
Delta R.T.: -0.002 min  
Response: 131961933  
Conc: 47.44 ng/ml



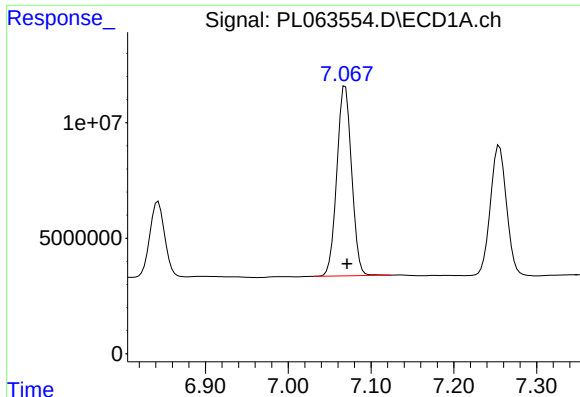
#20 Methoxychlor

R.T.: 6.843 min  
Delta R.T.: -0.003 min  
Response: 40768336  
Conc: 45.82 ng/ml



#20 Methoxychlor

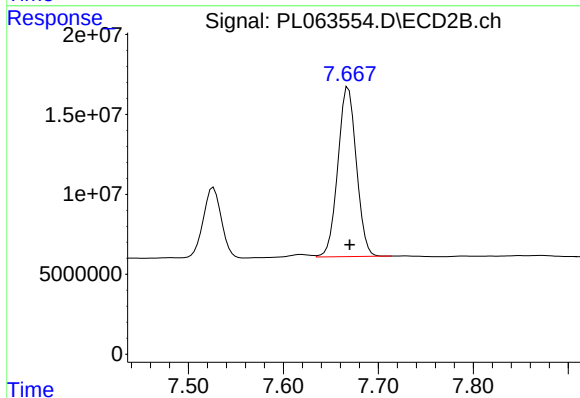
R.T.: 7.527 min  
Delta R.T.: -0.001 min  
Response: 59423106  
Conc: 42.61 ng/ml



#21 Endrin ketone

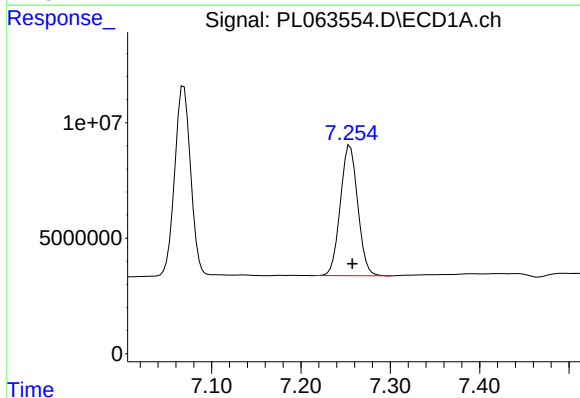
R.T.: 7.069 min  
Delta R.T.: -0.002 min  
Response: 101859713  
Conc: 51.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
KENS-SS2-121020-0-7MS



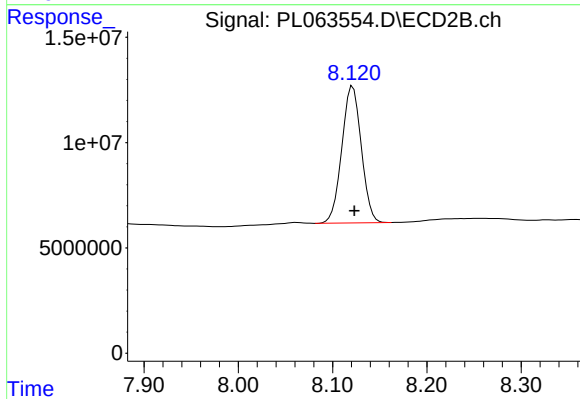
#21 Endrin ketone

R.T.: 7.668 min  
Delta R.T.: -0.002 min  
Response: 143933494  
Conc: 49.35 ng/ml



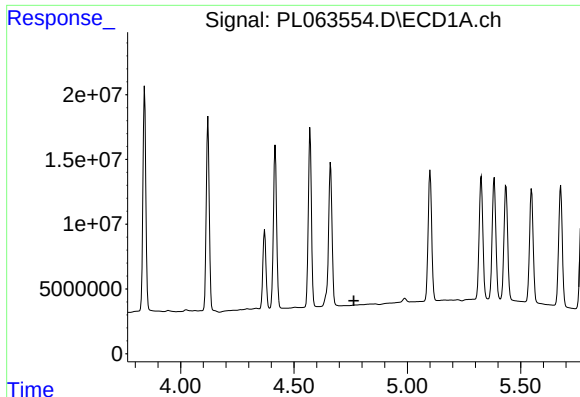
#22 Mirex

R.T.: 7.255 min  
Delta R.T.: -0.003 min  
Response: 76327251  
Conc: 48.07 ng/ml



#22 Mirex

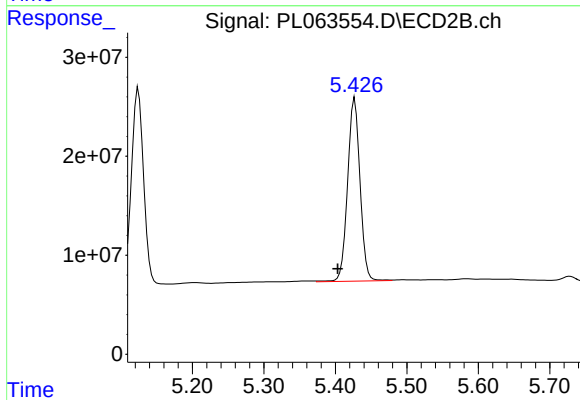
R.T.: 8.121 min  
Delta R.T.: -0.002 min  
Response: 93260914  
Conc: 46.81 ng/ml



#24 Chlordane-2

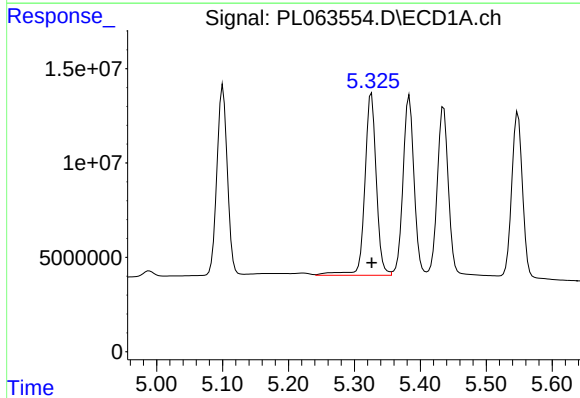
R.T.: 0.000 min  
Exp R.T.: 4.763 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
KENS-SS2-121020-0-7MS



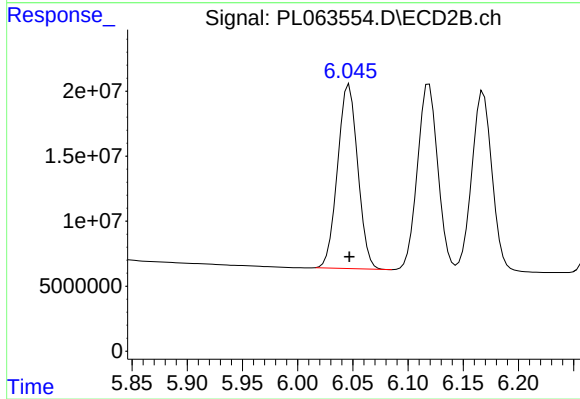
#24 Chlordane-2

R.T.: 5.427 min  
Delta R.T.: 0.024 min  
Response: 224269444  
Conc: 1777.03 ng/ml



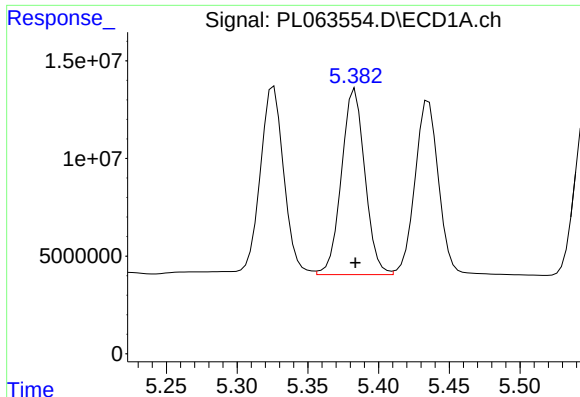
#25 Chlordane-3

R.T.: 5.326 min  
Delta R.T.: 0.000 min  
Response: 116642302  
Conc: 673.23 ng/ml



#25 Chlordane-3

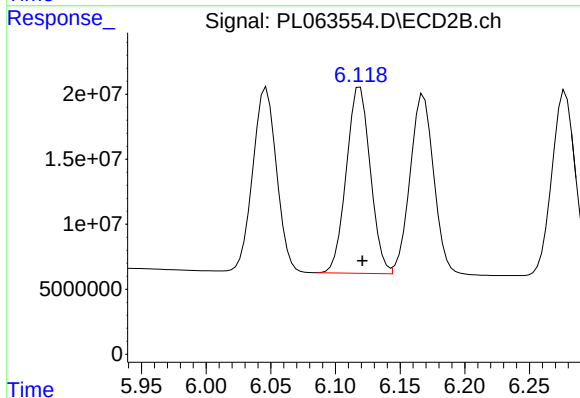
R.T.: 6.047 min  
Delta R.T.: 0.000 min  
Response: 180294235  
Conc: 391.28 ng/ml



#26 Chlordane-4

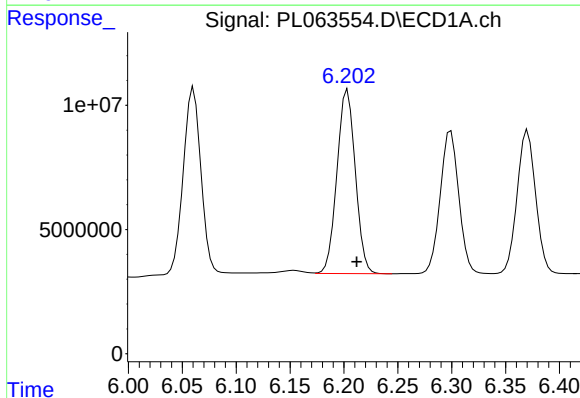
R.T.: 5.383 min  
Delta R.T.: 0.000 min  
Response: 109912907  
Conc: 751.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
KENS-SS2-121020-0-7MS



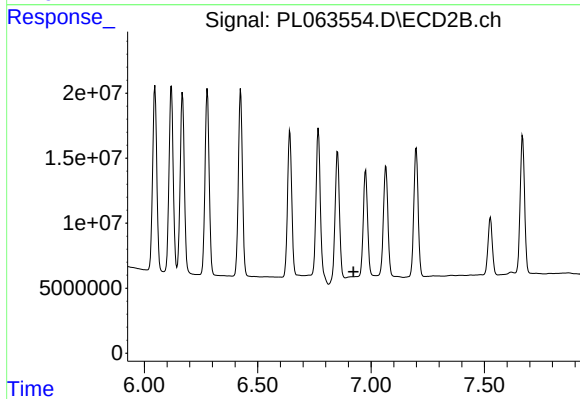
#26 Chlordane-4

R.T.: 6.119 min  
Delta R.T.: -0.002 min  
Response: 184505973  
Conc: 336.52 ng/ml



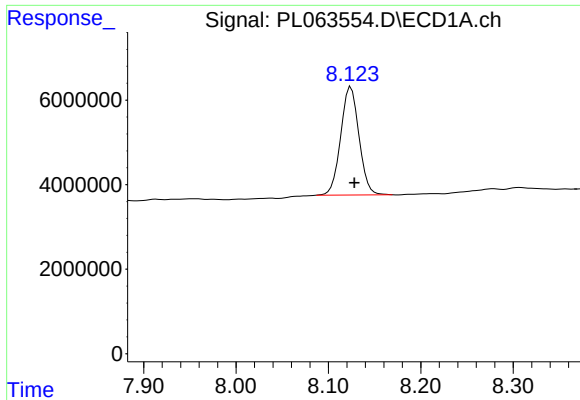
#27 Chlordane-5

R.T.: 6.203 min  
Delta R.T.: -0.009 min  
Response: 87744581  
Conc: 1407.49 ng/ml



#27 Chlordane-5

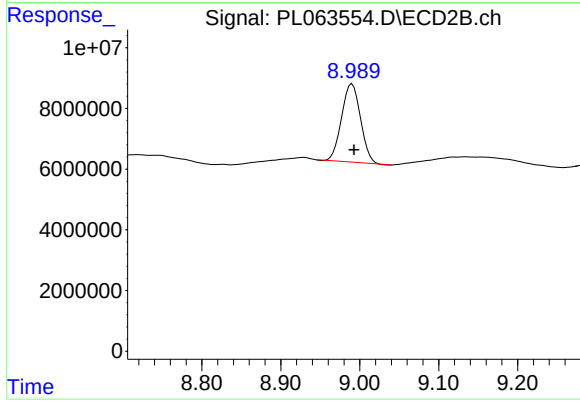
R.T.: 0.000 min  
Exp R.T.: 6.923 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.124 min  
Delta R.T.: -0.004 min  
Response: 35324928  
Conc: 17.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
KENS-SS2-121020-0-7MS



#28 Decachlorobiphenyl

R.T.: 8.990 min  
Delta R.T.: -0.003 min  
Response: 42615249  
Conc: 16.92 ng/ml