

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112123\  
 Data File : PL086781.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Nov 2023 13:30  
 Operator : AR\AJ  
 Sample : PB157328BS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB157328BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 21 20:18:50 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110823.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 08 13:04:14 2023  
 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... | 3.350 | 2.616 | 55425995 | 17328276 | 17.070 | 17.599 |
| 2)                          | SA Decachlor... | 8.848 | 7.765 | 52921554 | 24635140 | 18.080 | 20.400 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.804 | 3.114 | 223.3E6  | 65409306 | 46.423 | 49.071 |
| 3)                          | MA gamma-BHC... | 4.136 | 3.441 | 215.1E6  | 65481029 | 45.714 | 49.341 |
| 4)                          | MA Heptachlor   | 4.722 | 3.777 | 210.4E6  | 65457285 | 46.117 | 48.899 |
| 5)                          | MB Aldrin       | 5.061 | 4.053 | 208.9E6  | 64402589 | 46.131 | 49.491 |
| 6)                          | B beta-BHC      | 4.340 | 3.744 | 88965614 | 28273459 | 43.986 | 47.435 |
| 7)                          | B delta-BHC     | 4.582 | 3.968 | 207.1E6  | 63620207 | 45.114 | 48.629 |
| 8)                          | B Heptachlo...  | 5.492 | 4.558 | 183.5E6  | 60338594 | 47.201 | 50.240 |
| 9)                          | A Endosulfan I  | 5.875 | 4.925 | 171.6E6  | 56430784 | 45.734 | 49.077 |
| 10)                         | B gamma-Chl...  | 5.749 | 4.809 | 187.5E6  | 62931689 | 45.771 | 51.007 |
| 11)                         | B alpha-Chl...  | 5.828 | 4.873 | 185.9E6  | 62259850 | 45.793 | 49.789 |
| 12)                         | B 4,4'-DDE      | 6.012 | 5.072 | 158.8E6  | 53144163 | 45.789 | 51.771 |
| 13)                         | MA Dieldrin     | 6.152 | 5.191 | 181.8E6  | 60446791 | 46.231 | 50.660 |
| 14)                         | MA Endrin       | 6.381 | 5.464 | 148.1E6  | 52504462 | 42.994 | 47.935 |
| 15)                         | B Endosulfa...  | 6.604 | 5.762 | 156.7E6  | 54953423 | 44.074 | 50.069 |
| 16)                         | A 4,4'-DDD      | 6.531 | 5.628 | 127.3E6  | 46198725 | 47.826 | 54.225 |
| 17)                         | MA 4,4'-DDT     | 6.846 | 5.878 | 131.9E6  | 47736844 | 44.506 | 48.832 |
| 18)                         | B Endrin al...  | 6.735 | 5.943 | 126.9E6  | 48061607 | 47.879 | 51.307 |
| 19)                         | B Endosulfa...  | 6.971 | 6.168 | 148.9E6  | 55140019 | 44.353 | 50.765 |
| 20)                         | A Methoxychlor  | 7.332 | 6.463 | 67730971 | 28304852 | 42.441 | 47.319 |
| 21)                         | B Endrin ke...  | 7.453 | 6.670 | 160.0E6  | 67840717 | 46.934 | 52.946 |
| 22)                         | Mirex           | 7.925 | 6.846 | 145.5E6  | 64740525 | 51.522 | 56.953 |
| -----                       |                 |       |       |          |          |        |        |

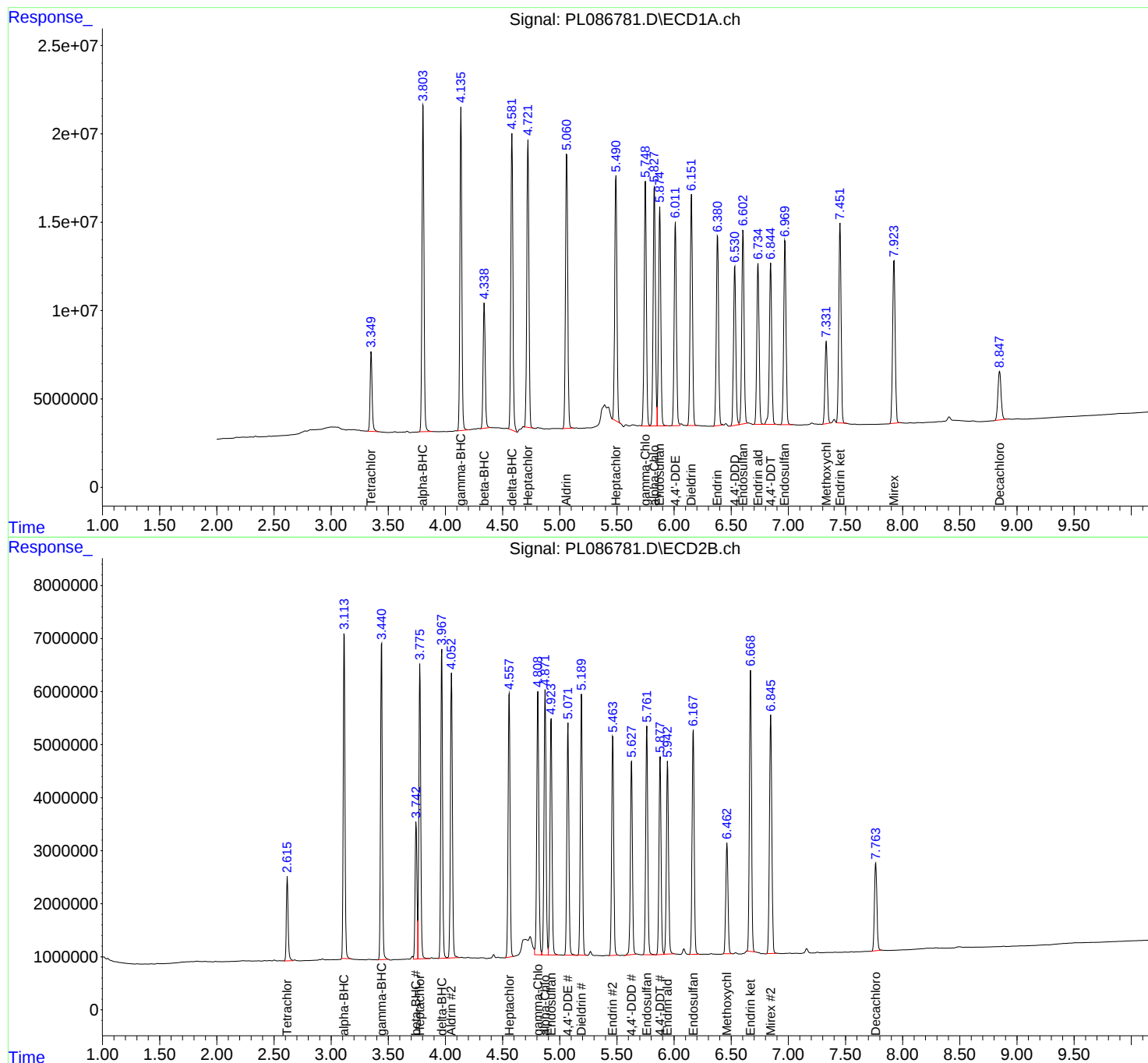
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

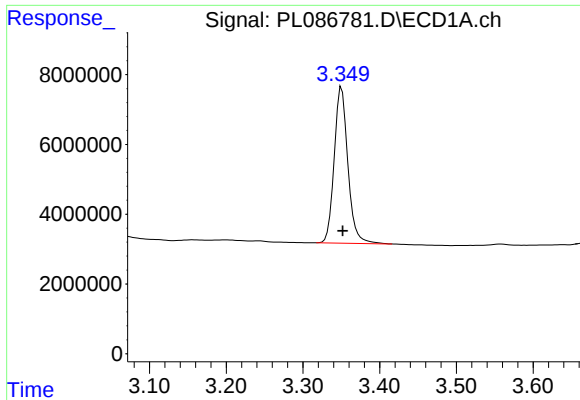
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112123\  
Data File : PL086781.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Nov 2023 13:30  
Operator : AR\AJ  
Sample : PB157328BS  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB157328BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 21 20:18:50 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110823.M  
Quant Title : GC Extractables  
QLast Update : Wed Nov 08 13:04:14 2023  
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

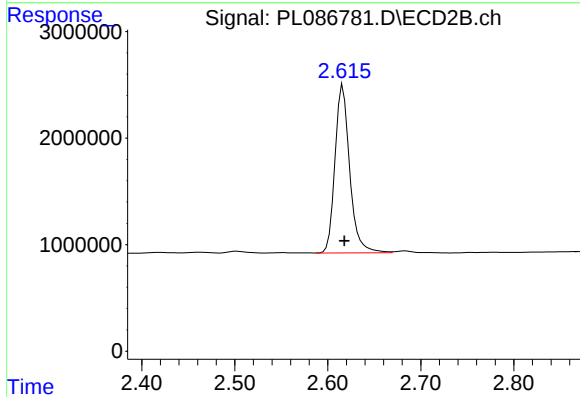




#1 Tetrachloro-m-xylene

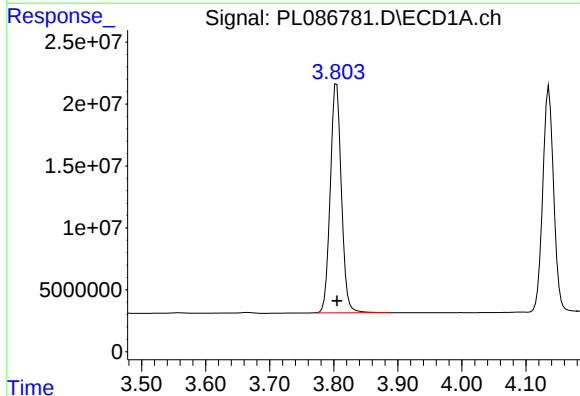
R.T.: 3.350 min  
Delta R.T.: -0.002 min  
Response: 55425995  
Conc: 17.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB157328BS



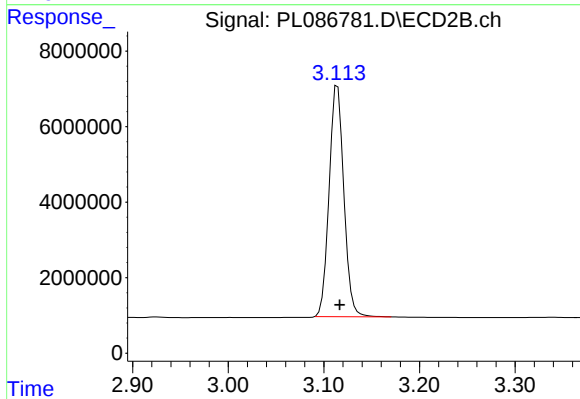
#1 Tetrachloro-m-xylene

R.T.: 2.616 min  
Delta R.T.: -0.002 min  
Response: 17328276  
Conc: 17.60 ng/ml



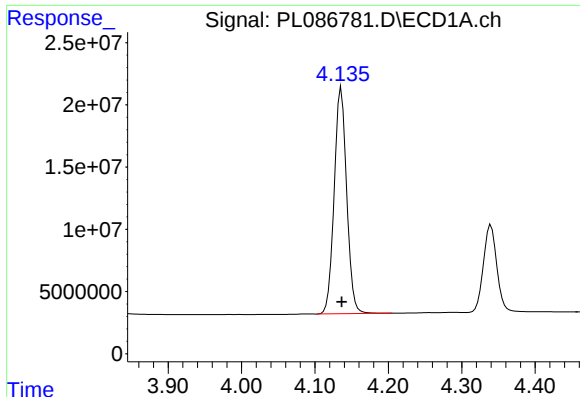
#2 alpha-BHC

R.T.: 3.804 min  
Delta R.T.: -0.001 min  
Response: 223314304  
Conc: 46.42 ng/ml



#2 alpha-BHC

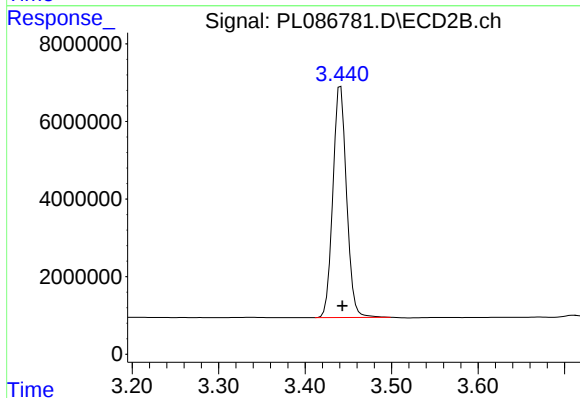
R.T.: 3.114 min  
Delta R.T.: -0.002 min  
Response: 65409306  
Conc: 49.07 ng/ml



#3 gamma-BHC (Lindane)

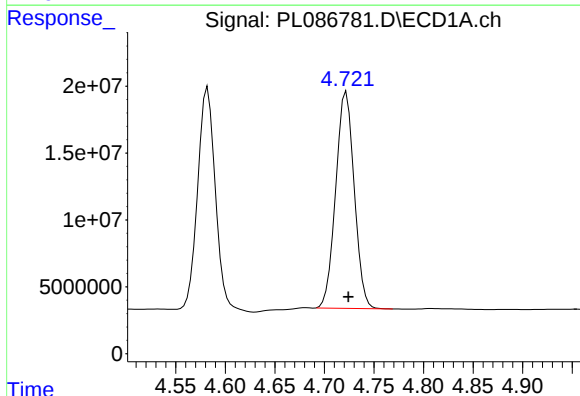
R.T.: 4.136 min  
Delta R.T.: 0.000 min  
Response: 215066266  
Conc: 45.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB157328BS



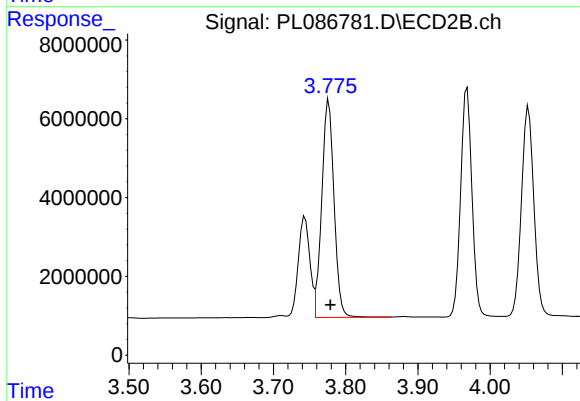
#3 gamma-BHC (Lindane)

R.T.: 3.441 min  
Delta R.T.: -0.002 min  
Response: 65481029  
Conc: 49.34 ng/ml



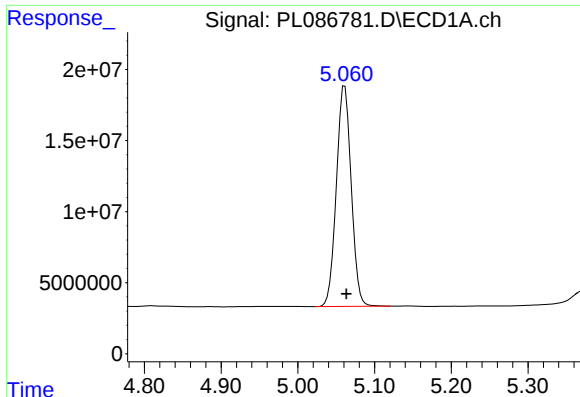
#4 Heptachlor

R.T.: 4.722 min  
Delta R.T.: -0.002 min  
Response: 210381287  
Conc: 46.12 ng/ml



#4 Heptachlor

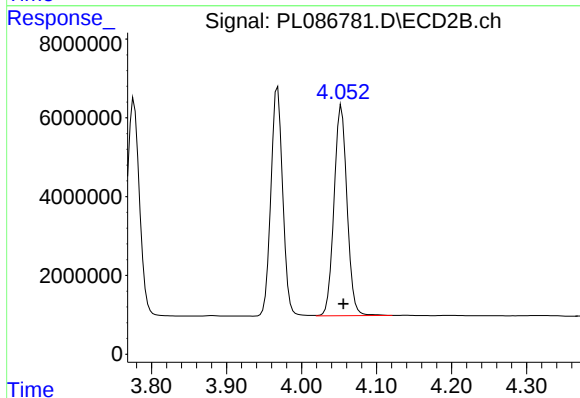
R.T.: 3.777 min  
Delta R.T.: -0.002 min  
Response: 65457285  
Conc: 48.90 ng/ml



#5 Aldrin

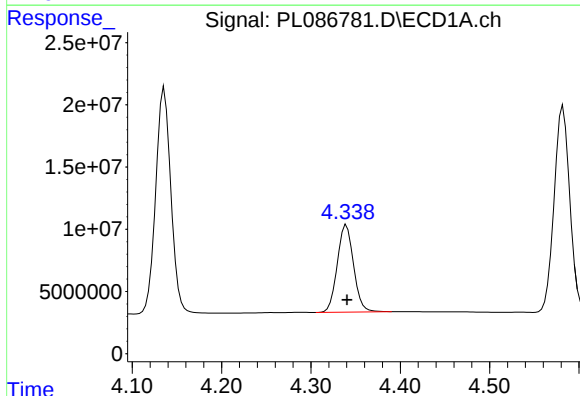
R.T.: 5.061 min  
Delta R.T.: -0.002 min  
Response: 208853740  
Conc: 46.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB157328BS



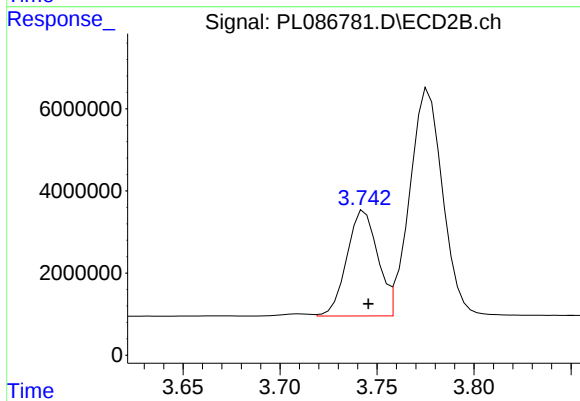
#5 Aldrin

R.T.: 4.053 min  
Delta R.T.: -0.002 min  
Response: 64402589  
Conc: 49.49 ng/ml



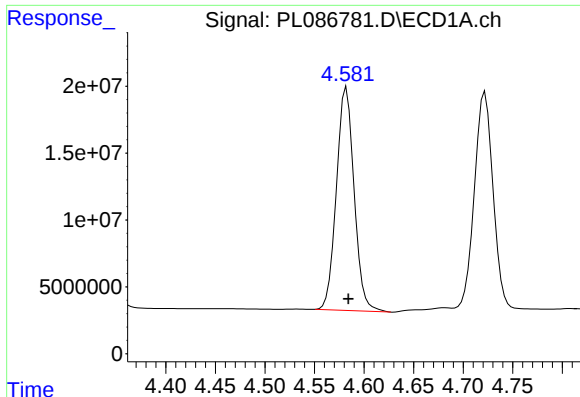
#6 beta-BHC

R.T.: 4.340 min  
Delta R.T.: 0.000 min  
Response: 88965614  
Conc: 43.99 ng/ml



#6 beta-BHC

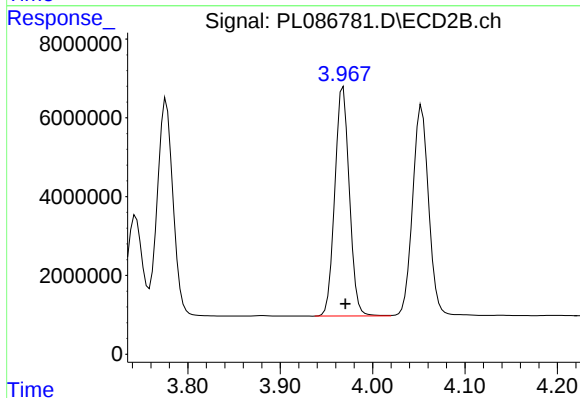
R.T.: 3.744 min  
Delta R.T.: -0.002 min  
Response: 28273459  
Conc: 47.44 ng/ml



#7 delta-BHC

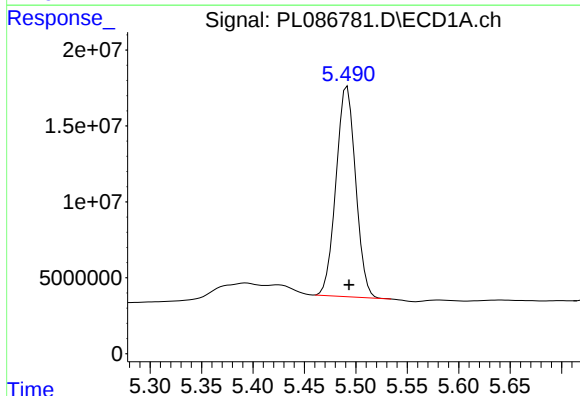
R.T.: 4.582 min  
Delta R.T.: -0.002 min  
Response: 207134805  
Conc: 45.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB157328BS



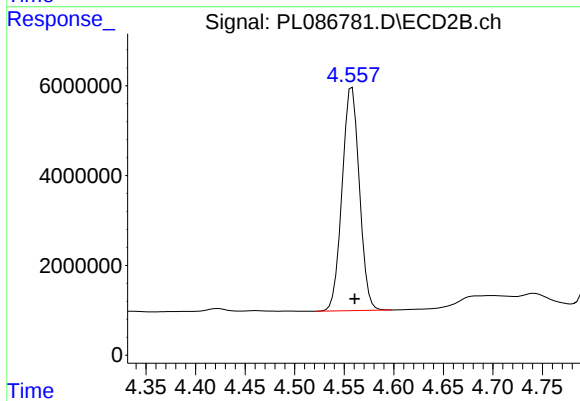
#7 delta-BHC

R.T.: 3.968 min  
Delta R.T.: -0.002 min  
Response: 63620207  
Conc: 48.63 ng/ml



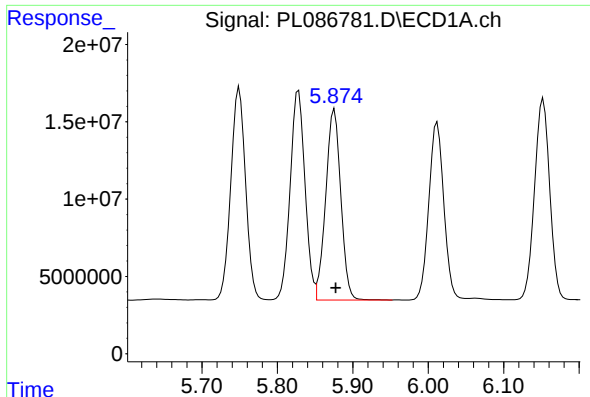
#8 Heptachlor epoxide

R.T.: 5.492 min  
Delta R.T.: -0.002 min  
Response: 183486887  
Conc: 47.20 ng/ml



#8 Heptachlor epoxide

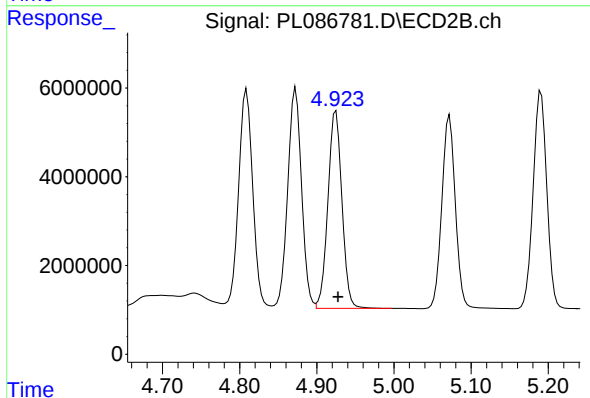
R.T.: 4.558 min  
Delta R.T.: -0.003 min  
Response: 60338594  
Conc: 50.24 ng/ml



#9 Endosulfan I

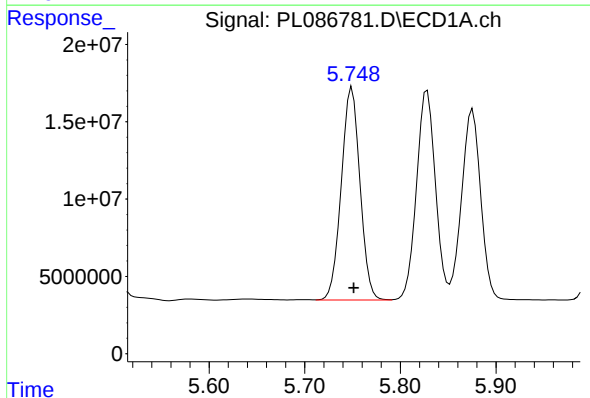
R.T.: 5.875 min  
Delta R.T.: -0.002 min  
Response: 171574289  
Conc: 45.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB157328BS



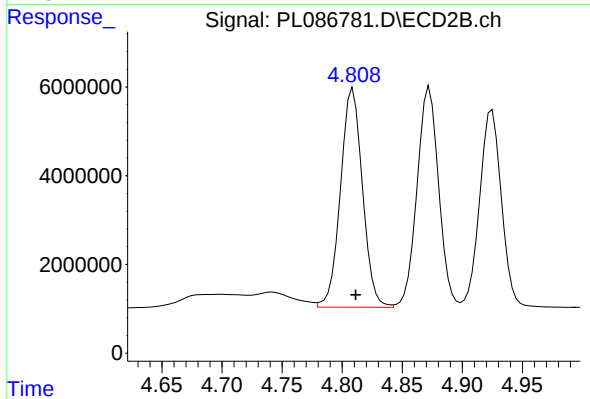
#9 Endosulfan I

R.T.: 4.925 min  
Delta R.T.: -0.003 min  
Response: 56430784  
Conc: 49.08 ng/ml



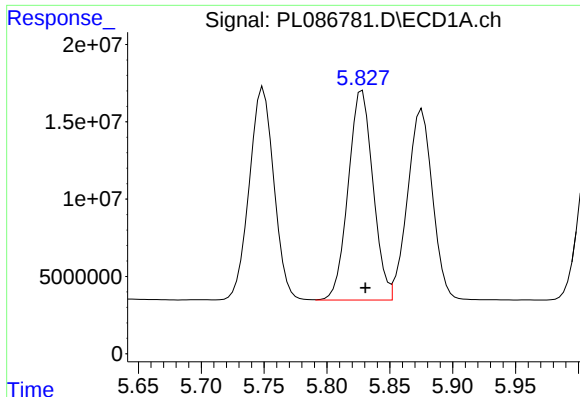
#10 gamma-Chlordane

R.T.: 5.749 min  
Delta R.T.: -0.002 min  
Response: 187535024  
Conc: 45.77 ng/ml



#10 gamma-Chlordane

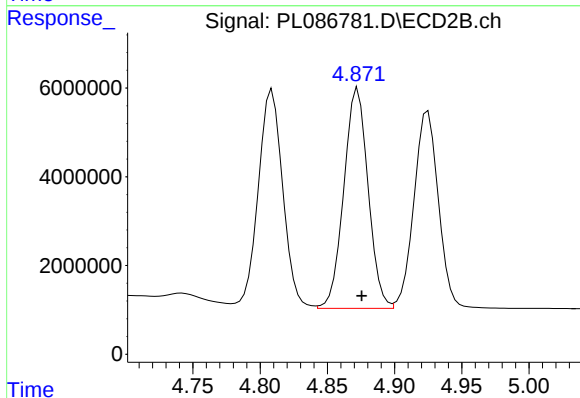
R.T.: 4.809 min  
Delta R.T.: -0.002 min  
Response: 62931689  
Conc: 51.01 ng/ml



#11 alpha-Chlordane

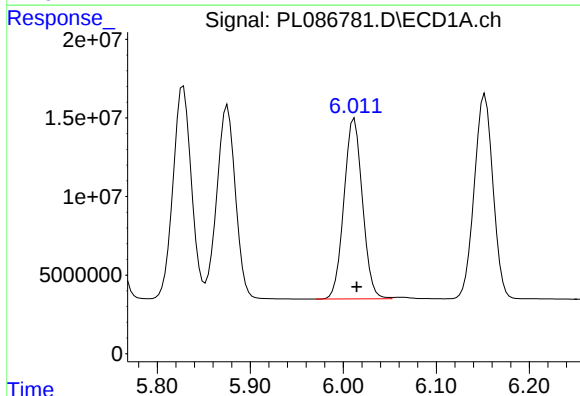
R.T.: 5.828 min  
Delta R.T.: -0.003 min  
Response: 185918569  
Conc: 45.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB157328BS



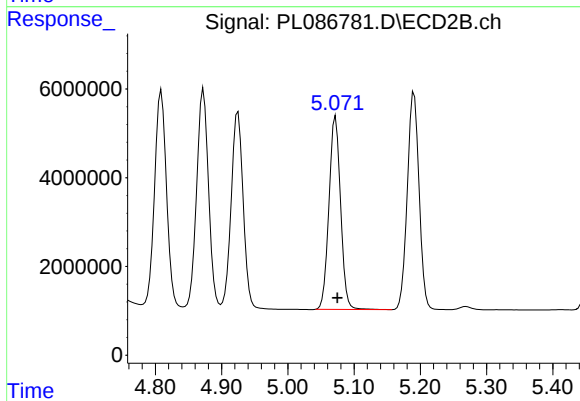
#11 alpha-Chlordane

R.T.: 4.873 min  
Delta R.T.: -0.003 min  
Response: 62259850  
Conc: 49.79 ng/ml



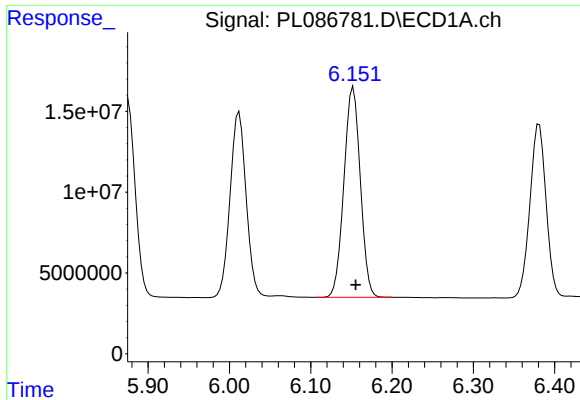
#12 4,4'-DDE

R.T.: 6.012 min  
Delta R.T.: -0.002 min  
Response: 158810277  
Conc: 45.79 ng/ml



#12 4,4'-DDE

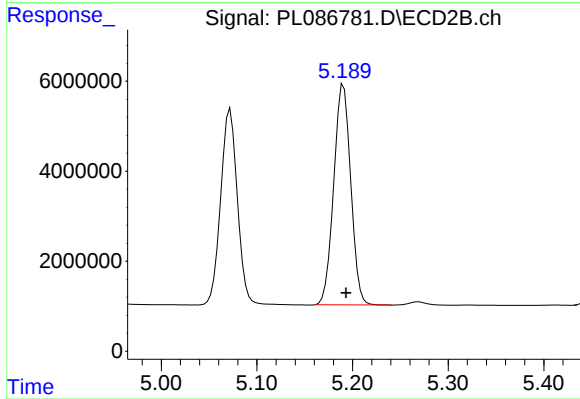
R.T.: 5.072 min  
Delta R.T.: -0.003 min  
Response: 53144163  
Conc: 51.77 ng/ml



#13 Dieldrin

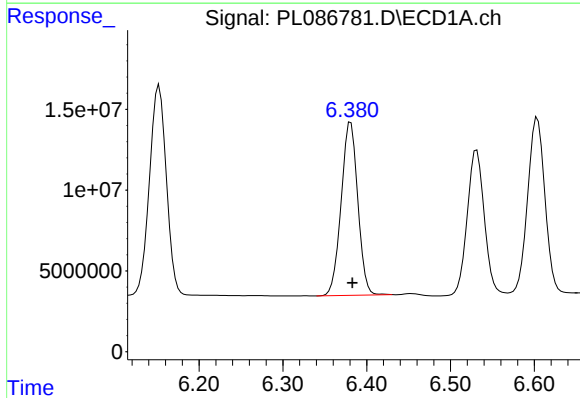
R.T.: 6.152 min  
Delta R.T.: -0.003 min  
Response: 181780090  
Conc: 46.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB157328BS



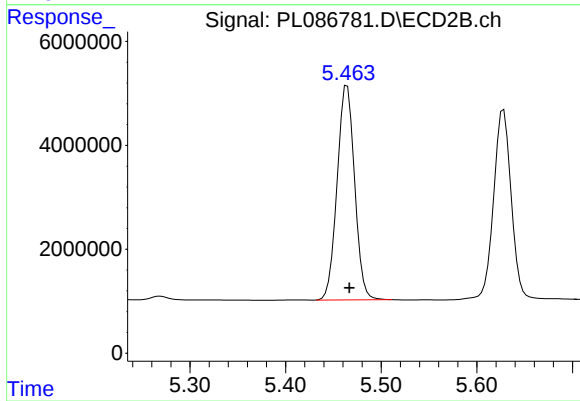
#13 Dieldrin

R.T.: 5.191 min  
Delta R.T.: -0.003 min  
Response: 60446791  
Conc: 50.66 ng/ml



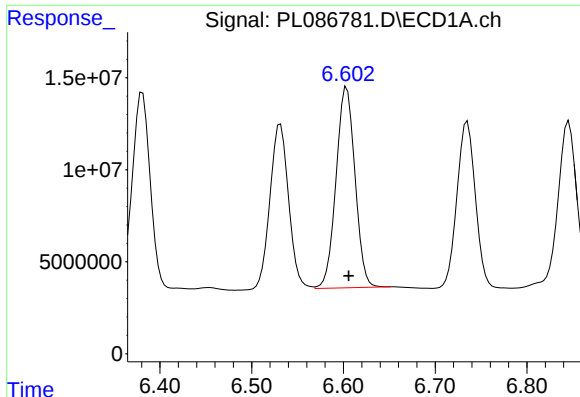
#14 Endrin

R.T.: 6.381 min  
Delta R.T.: -0.002 min  
Response: 148088670  
Conc: 42.99 ng/ml



#14 Endrin

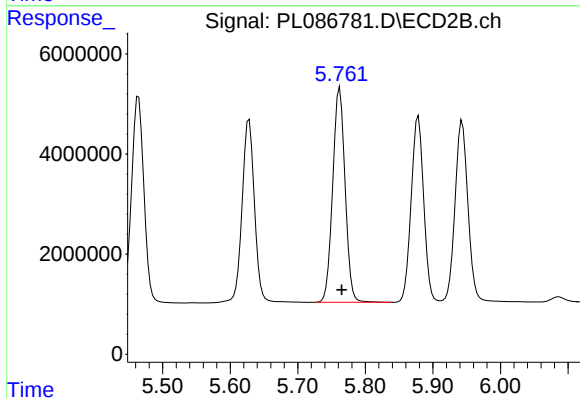
R.T.: 5.464 min  
Delta R.T.: -0.002 min  
Response: 52504462  
Conc: 47.93 ng/ml



#15 Endosulfan II

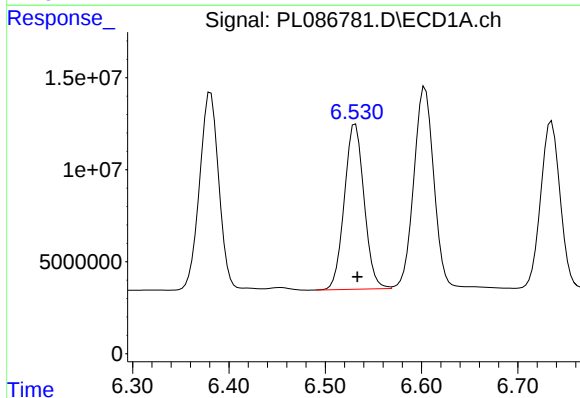
R.T.: 6.604 min  
Delta R.T.: -0.002 min  
Response: 156656531  
Conc: 44.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB157328BS



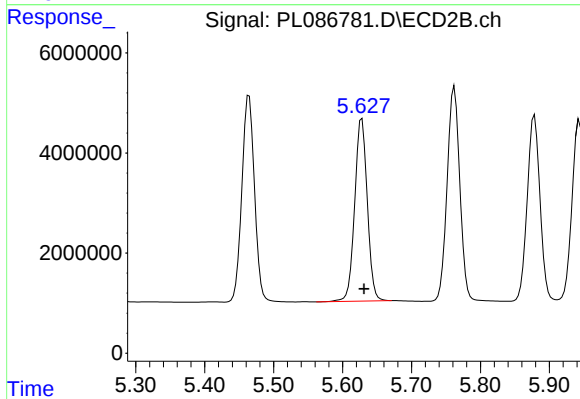
#15 Endosulfan II

R.T.: 5.762 min  
Delta R.T.: -0.003 min  
Response: 54953423  
Conc: 50.07 ng/ml



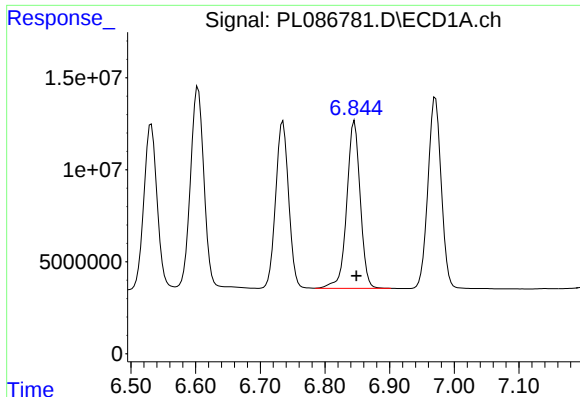
#16 4,4'-DDD

R.T.: 6.531 min  
Delta R.T.: -0.002 min  
Response: 127349859  
Conc: 47.83 ng/ml



#16 4,4'-DDD

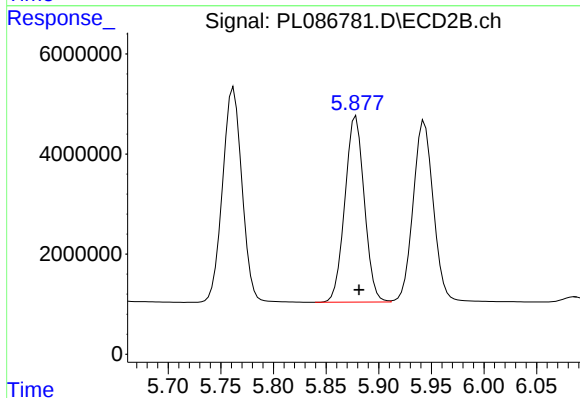
R.T.: 5.628 min  
Delta R.T.: -0.003 min  
Response: 46198725  
Conc: 54.23 ng/ml



#17 4,4'-DDT

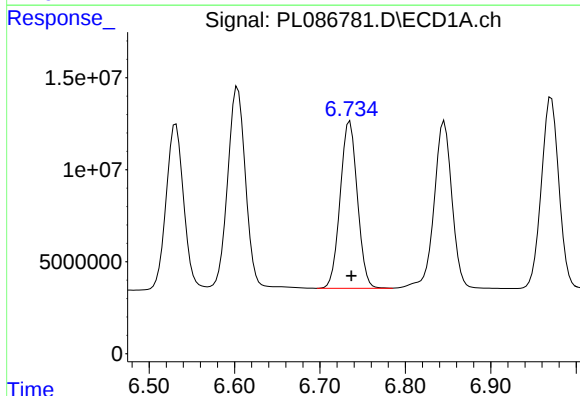
R.T.: 6.846 min  
Delta R.T.: -0.003 min  
Response: 131930409  
Conc: 44.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB157328BS



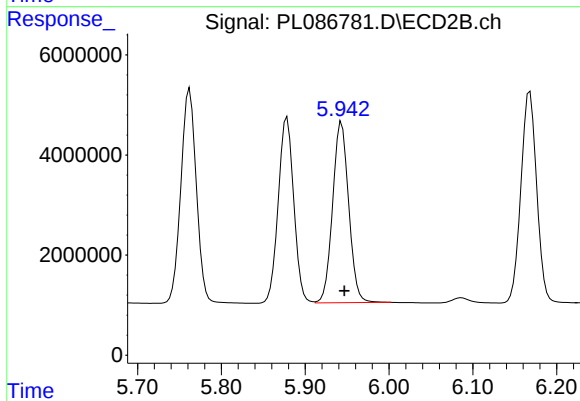
#17 4,4'-DDT

R.T.: 5.878 min  
Delta R.T.: -0.003 min  
Response: 47736844  
Conc: 48.83 ng/ml



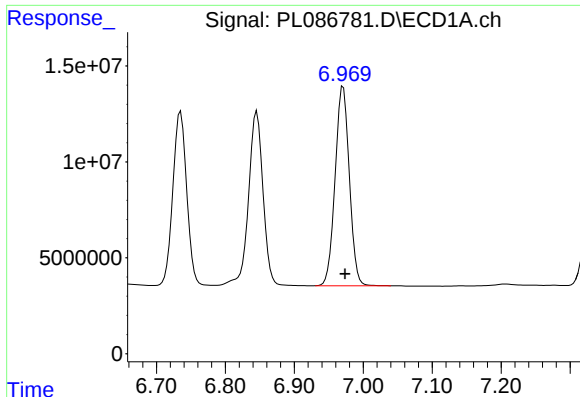
#18 Endrin aldehyde

R.T.: 6.735 min  
Delta R.T.: -0.002 min  
Response: 126933228  
Conc: 47.88 ng/ml



#18 Endrin aldehyde

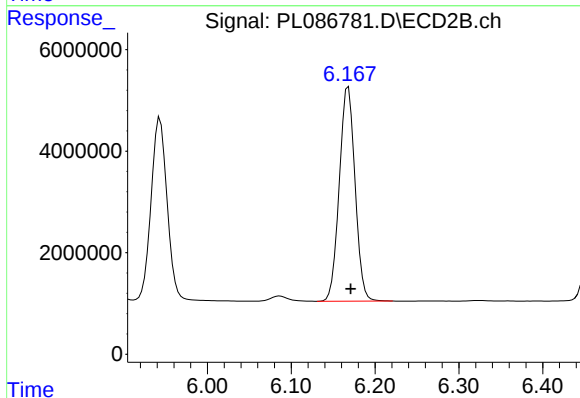
R.T.: 5.943 min  
Delta R.T.: -0.003 min  
Response: 48061607  
Conc: 51.31 ng/ml



#19 Endosulfan Sulfate

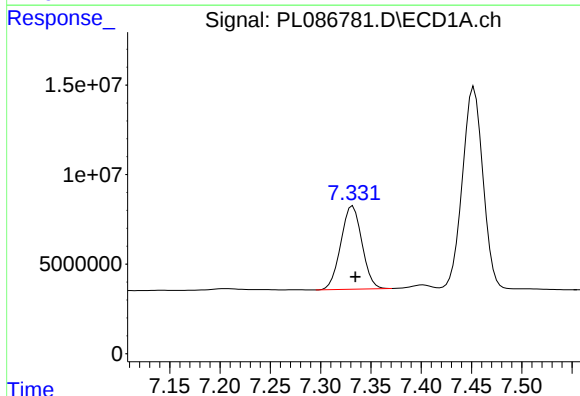
R.T.: 6.971 min  
Delta R.T.: -0.003 min  
Response: 148863793  
Conc: 44.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB157328BS



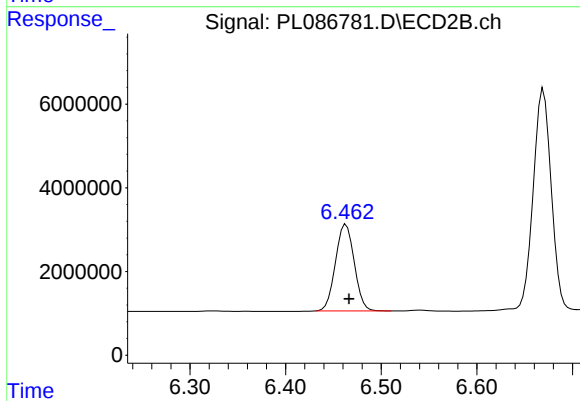
#19 Endosulfan Sulfate

R.T.: 6.168 min  
Delta R.T.: -0.003 min  
Response: 55140019  
Conc: 50.77 ng/ml



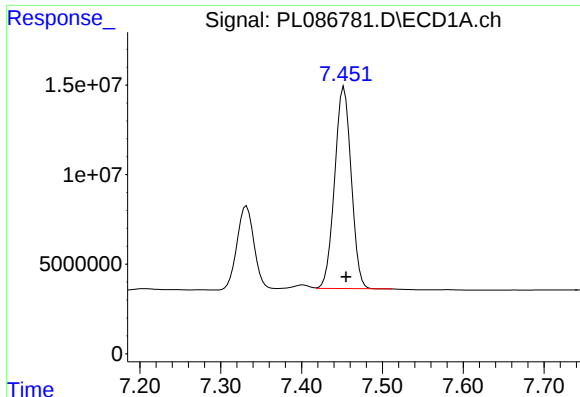
#20 Methoxychlor

R.T.: 7.332 min  
Delta R.T.: -0.002 min  
Response: 67730971  
Conc: 42.44 ng/ml



#20 Methoxychlor

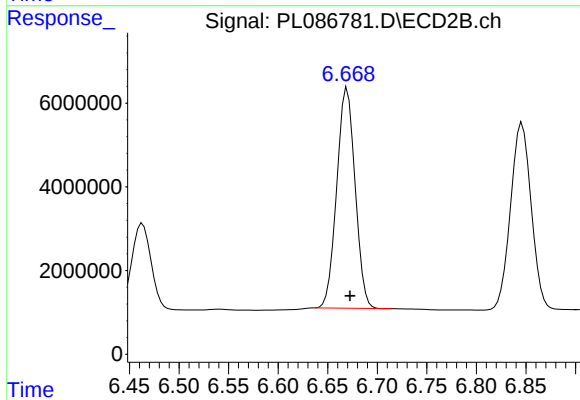
R.T.: 6.463 min  
Delta R.T.: -0.003 min  
Response: 28304852  
Conc: 47.32 ng/ml



#21 Endrin ketone

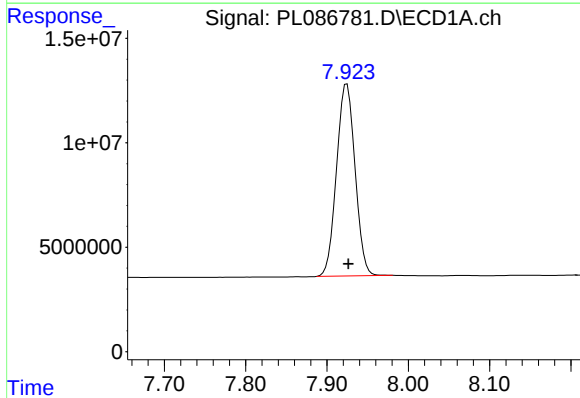
R.T.: 7.453 min  
Delta R.T.: -0.003 min  
Response: 159953132  
Conc: 46.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB157328BS



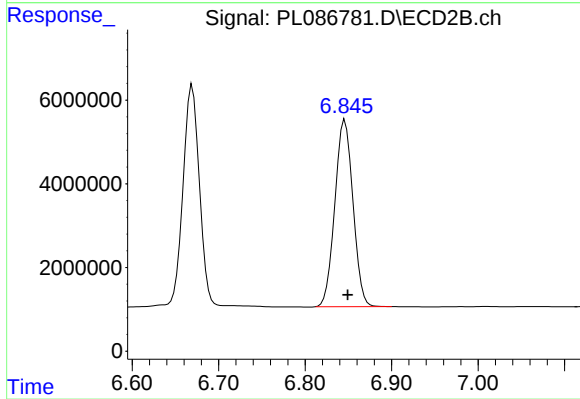
#21 Endrin ketone

R.T.: 6.670 min  
Delta R.T.: -0.003 min  
Response: 67840717  
Conc: 52.95 ng/ml



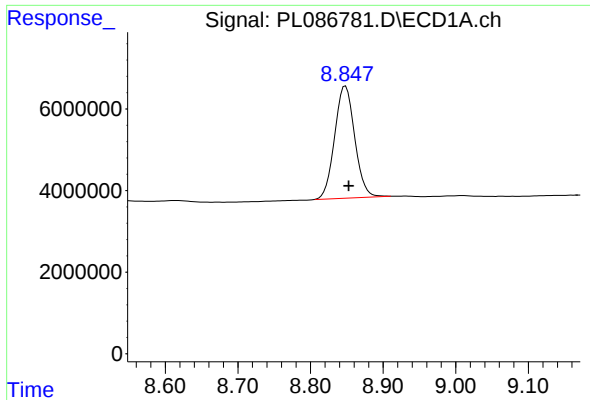
#22 Mirex

R.T.: 7.925 min  
Delta R.T.: -0.002 min  
Response: 145505405  
Conc: 51.52 ng/ml



#22 Mirex

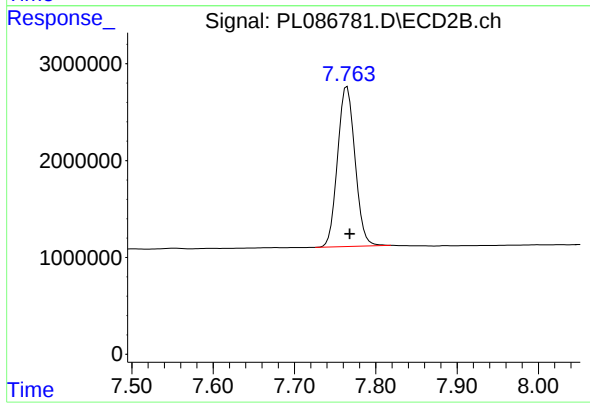
R.T.: 6.846 min  
Delta R.T.: -0.003 min  
Response: 64740525  
Conc: 56.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.848 min  
Delta R.T.: -0.004 min  
Response: 52921554  
Conc: 18.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB157328BS



#28 Decachlorobiphenyl

R.T.: 7.765 min  
Delta R.T.: -0.003 min  
Response: 24635140  
Conc: 20.40 ng/ml