

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082923\  
 Data File : PL085044.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Aug 2023 14:41  
 Operator : AR\AJ  
 Sample : 04196-22MSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 OR-345-COMP-04MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 29 20:51:01 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080323.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 03 16:21:43 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... | 3.476 | 2.684 | 32921763 | 15501466 | 14.169  | 14.255   |
| 28)                         | SA Decachlor... | 9.027 | 7.864 | 23928544 | 18350416 | 14.706  | 14.718   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.933 | 3.189 | 141.4E6  | 71915883 | 42.820m | 46.575   |
| 3)                          | MA gamma-BHC... | 4.269 | 3.519 | 137.7E6  | 68081342 | 43.169  | 44.804   |
| 4)                          | MA Heptachlor   | 4.861 | 3.860 | 146.3E6  | 68874467 | 43.511  | 48.362   |
| 5)                          | MB Aldrin       | 5.203 | 4.140 | 127.9E6  | 73774605 | 38.684  | 50.760 # |
| 6)                          | B beta-BHC      | 4.468 | 3.822 | 63124468 | 30233783 | 45.188  | 45.124   |
| 7)                          | B delta-BHC     | 4.715 | 4.050 | 132.8E6  | 67594838 | 41.178  | 44.523   |
| 8)                          | B Heptachlo...  | 5.633 | 4.646 | 125.1E6  | 62496325 | 41.541  | 47.103   |
| 9)                          | A Endosulfan I  | 6.019 | 5.017 | 115.5E6  | 57598627 | 43.861  | 46.477   |
| 10)                         | B gamma-Chl...  | 5.891 | 4.899 | 121.2E6  | 66813504 | 42.323  | 49.263   |
| 11)                         | B alpha-Chl...  | 5.971 | 4.963 | 129.3E6  | 67858068 | 45.785  | 49.804   |
| 12)                         | B 4,4'-DDE      | 6.150 | 5.161 | 96692206 | 58145126 | 42.127  | 47.216   |
| 13)                         | MA Dieldrin     | 6.296 | 5.283 | 105.1E6  | 61075685 | 39.764  | 44.982   |
| 14)                         | MA Endrin       | 6.526 | 5.559 | 89862965 | 56654370 | 41.203  | 46.316   |
| 15)                         | B Endosulfa...  | 6.747 | 5.857 | 82703663 | 53536840 | 39.103  | 44.370   |
| 16)                         | A 4,4'-DDD      | 6.668 | 5.719 | 73187229 | 47618629 | 43.652  | 46.087   |
| 17)                         | MA 4,4'-DDT     | 6.985 | 5.971 | 82696825 | 53440727 | 44.135  | 46.047   |
| 18)                         | B Endrin al...  | 6.878 | 6.038 | 66348853 | 42554682 | 39.331  | 42.909   |
| 19)                         | B Endosulfa...  | 7.114 | 6.263 | 83106764 | 53608098 | 41.602  | 45.080   |
| 20)                         | A Methoxychlor  | 7.466 | 6.554 | 43296627 | 30252241 | 45.115  | 44.093m  |
| 21)                         | B Endrin ke...  | 7.599 | 6.768 | 83880889 | 64217513 | 41.931  | 44.508   |
| 22)                         | Mirex           | 8.073 | 6.948 | 69684750 | 51010914 | 41.958  | 44.231   |
| -----                       |                 |       |       |          |          |         |          |

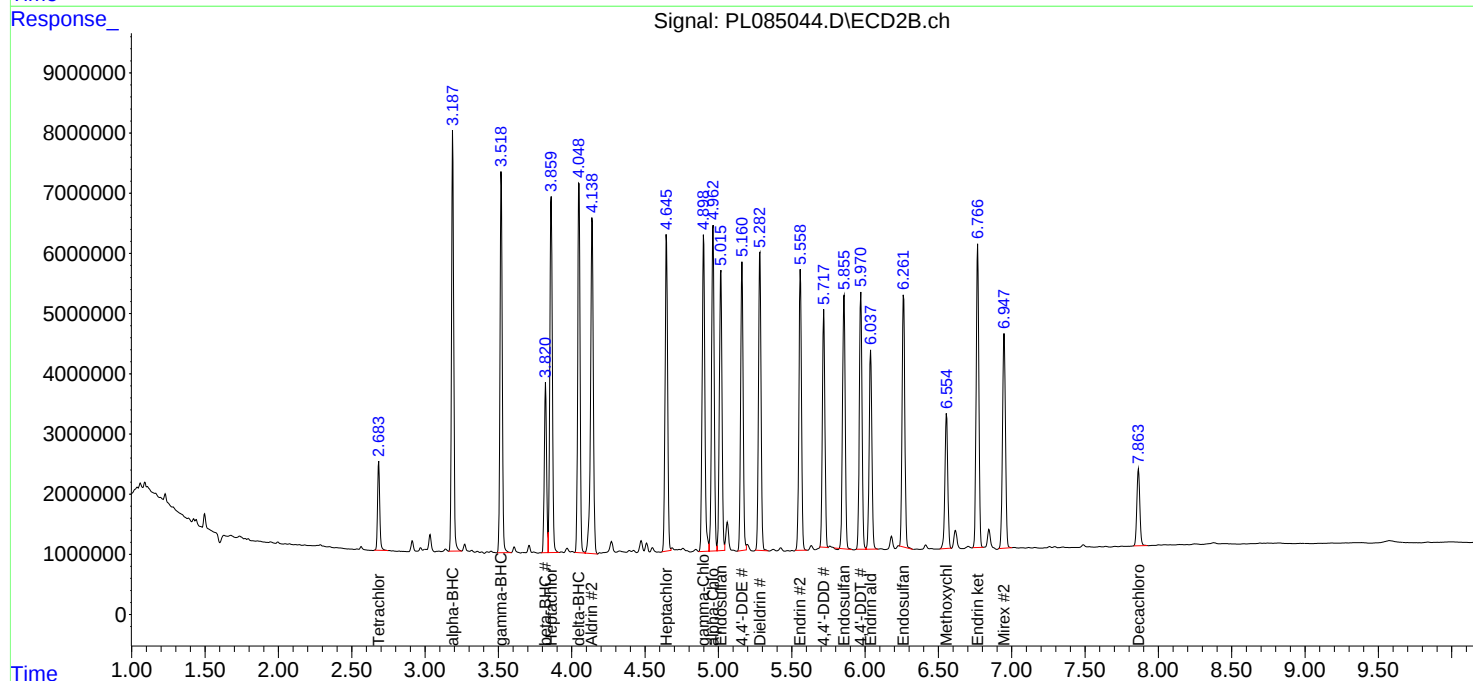
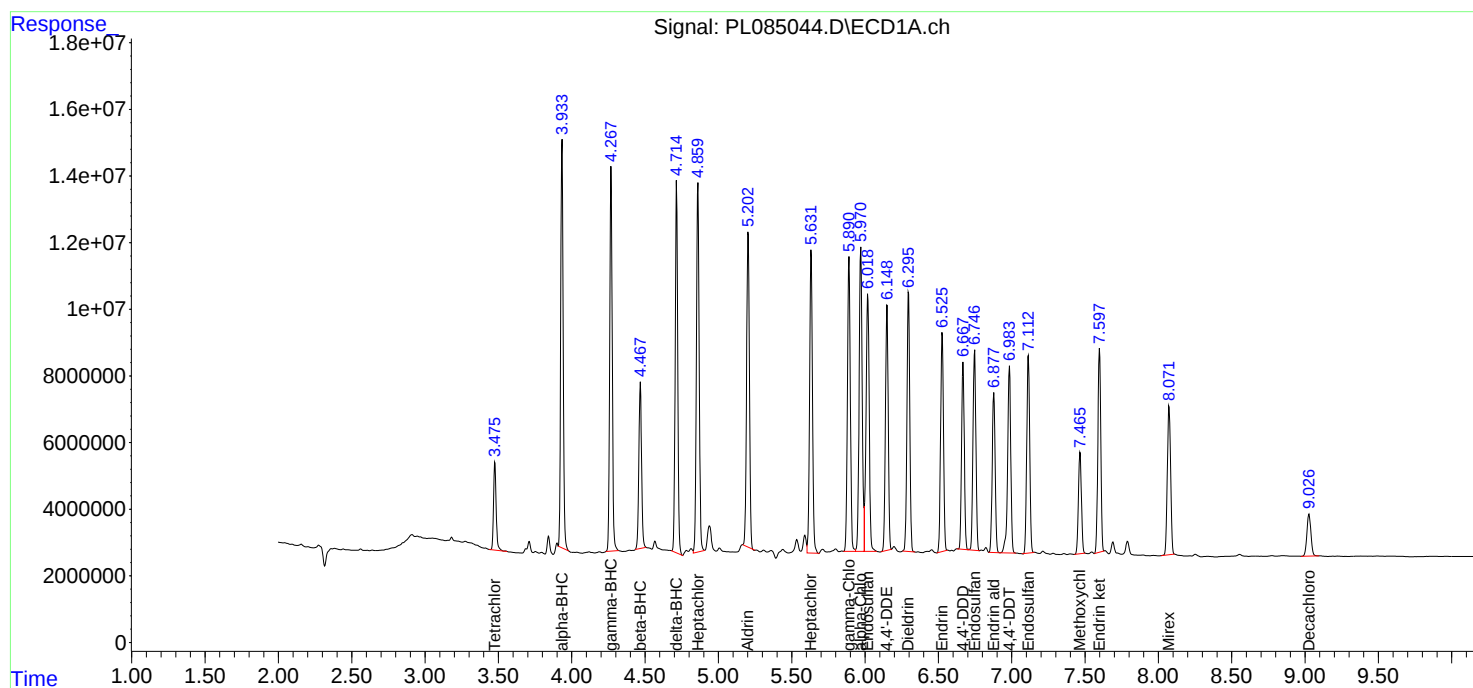
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

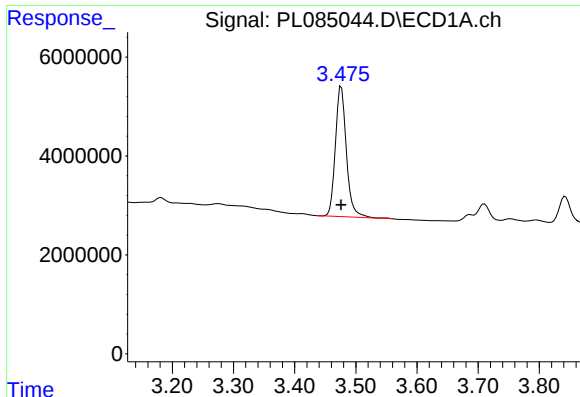
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082923\  
Data File : PL085044.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Aug 2023 14:41  
Operator : AR\AJ  
Sample : 04196-22MSD  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
OR-345-COMP-04MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 29 20:51:01 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080323.M  
Quant Title : GC Extractables  
QLast Update : Thu Aug 03 16:21:43 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

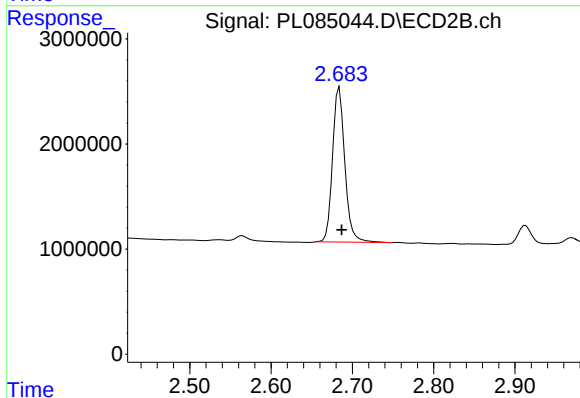




#1 Tetrachloro-m-xylene

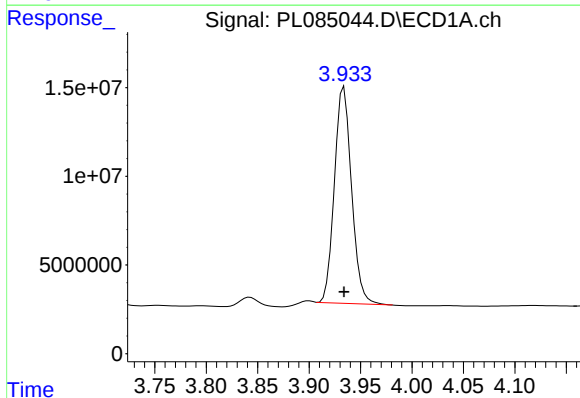
R.T.: 3.476 min  
Delta R.T.: 0.000 min  
Response: 32921763  
Conc: 14.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-345-COMP-04MSD



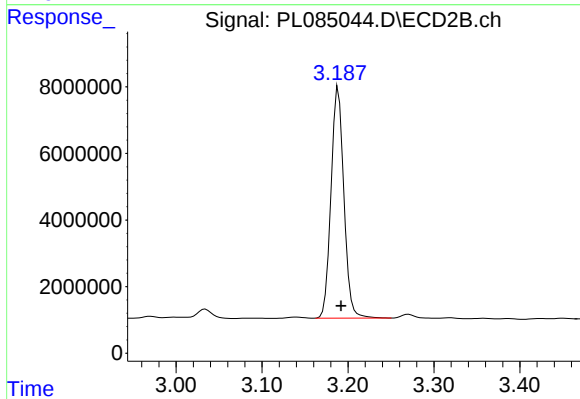
#1 Tetrachloro-m-xylene

R.T.: 2.684 min  
Delta R.T.: -0.003 min  
Response: 15501466  
Conc: 14.26 ng/ml



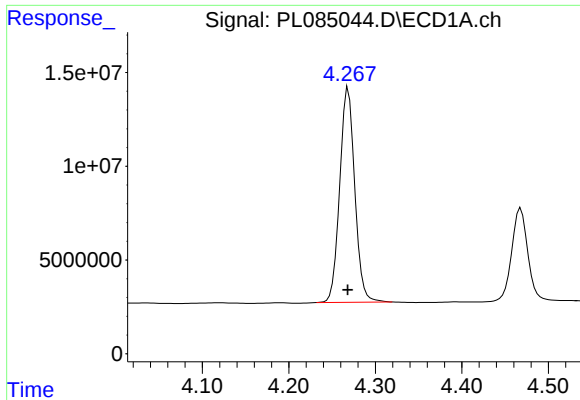
#2 alpha-BHC

R.T.: 3.933 min  
Delta R.T.: -0.001 min  
Response: 141366013  
Conc: 42.82 ng/ml m



#2 alpha-BHC

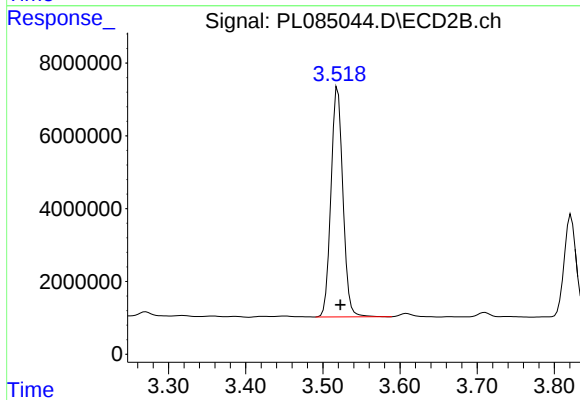
R.T.: 3.189 min  
Delta R.T.: -0.003 min  
Response: 71915883  
Conc: 46.58 ng/ml



#3 gamma-BHC (Lindane)

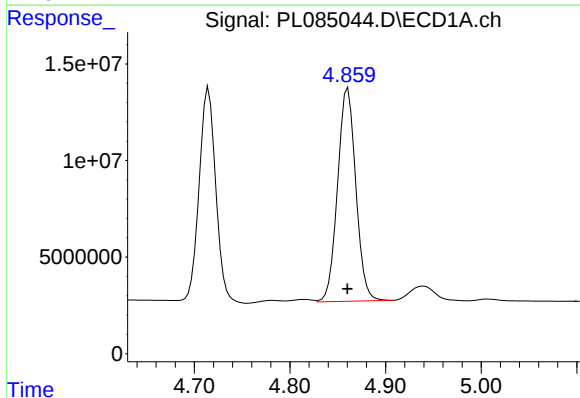
R.T.: 4.269 min  
Delta R.T.: 0.000 min  
Response: 137708673  
Conc: 43.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-345-COMP-04MSD



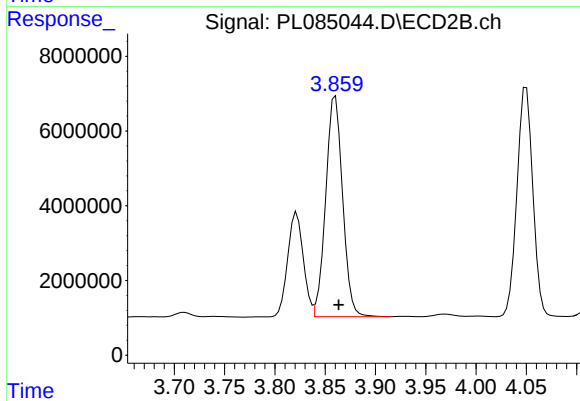
#3 gamma-BHC (Lindane)

R.T.: 3.519 min  
Delta R.T.: -0.003 min  
Response: 68081342  
Conc: 44.80 ng/ml



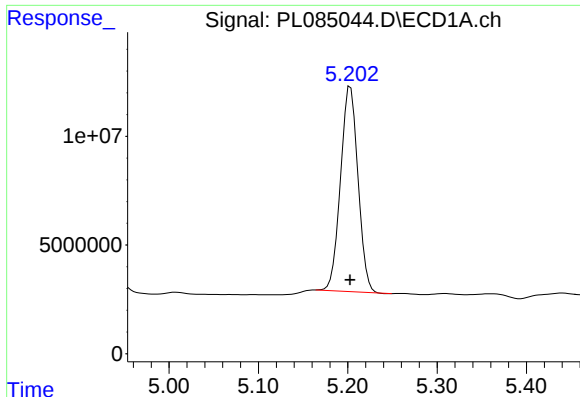
#4 Heptachlor

R.T.: 4.861 min  
Delta R.T.: 0.000 min  
Response: 146320343  
Conc: 43.51 ng/ml



#4 Heptachlor

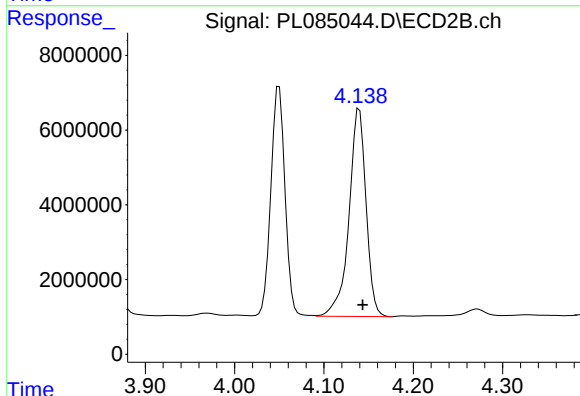
R.T.: 3.860 min  
Delta R.T.: -0.003 min  
Response: 68874467  
Conc: 48.36 ng/ml



#5 Aldrin

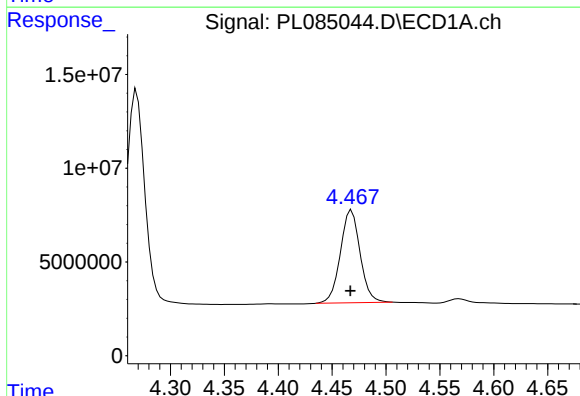
R.T.: 5.203 min  
Delta R.T.: 0.000 min  
Response: 127863472  
Conc: 38.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-345-COMP-04MSD



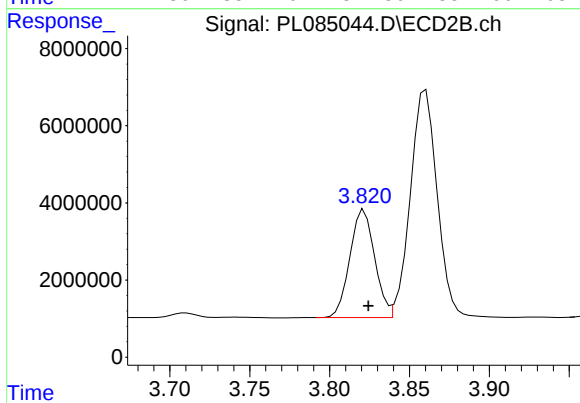
#5 Aldrin

R.T.: 4.140 min  
Delta R.T.: -0.004 min  
Response: 73774605  
Conc: 50.76 ng/ml



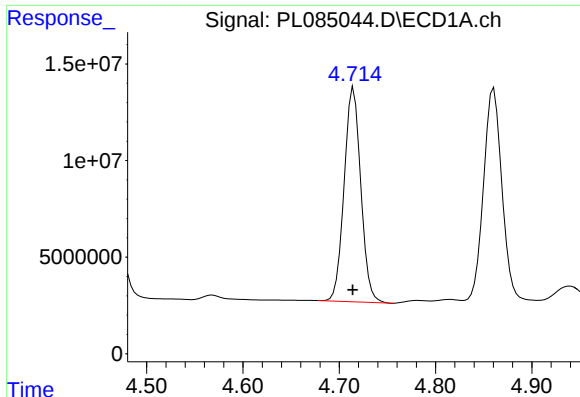
#6 beta-BHC

R.T.: 4.468 min  
Delta R.T.: 0.001 min  
Response: 63124468  
Conc: 45.19 ng/ml



#6 beta-BHC

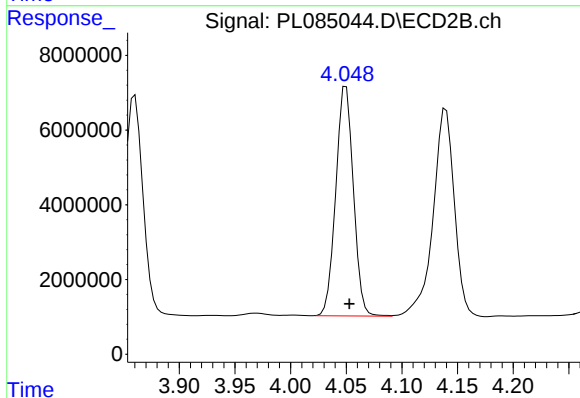
R.T.: 3.822 min  
Delta R.T.: -0.003 min  
Response: 30233783  
Conc: 45.12 ng/ml



#7 delta-BHC

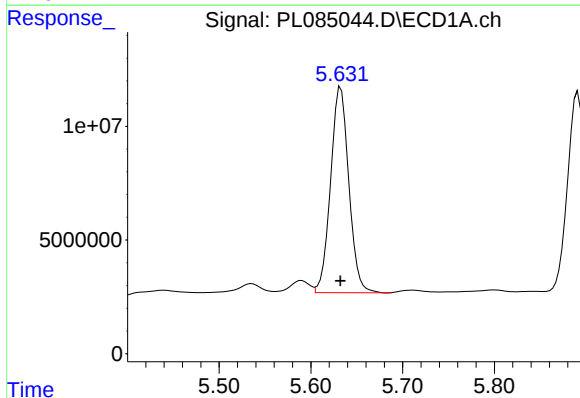
R.T.: 4.715 min  
Delta R.T.: 0.001 min  
Response: 132788406  
Conc: 41.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-345-COMP-04MSD



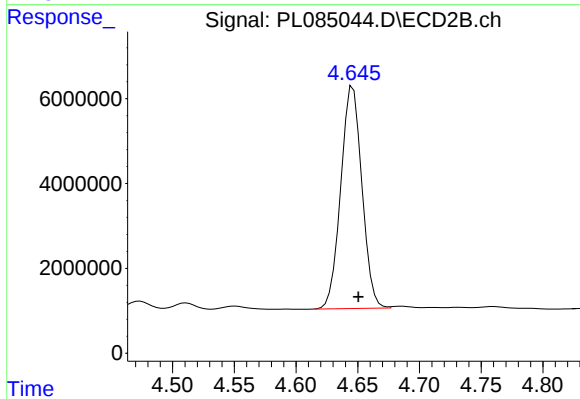
#7 delta-BHC

R.T.: 4.050 min  
Delta R.T.: -0.003 min  
Response: 67594838  
Conc: 44.52 ng/ml



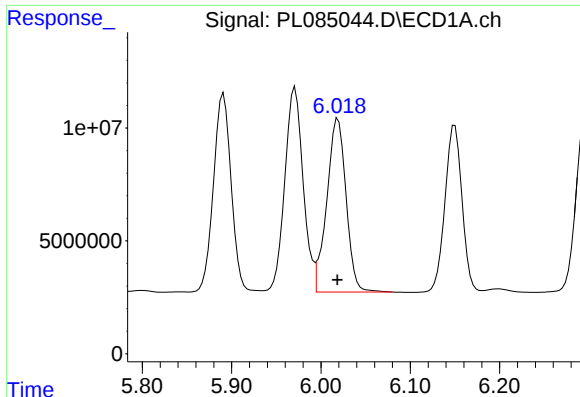
#8 Heptachlor epoxide

R.T.: 5.633 min  
Delta R.T.: 0.000 min  
Response: 125149297  
Conc: 41.54 ng/ml



#8 Heptachlor epoxide

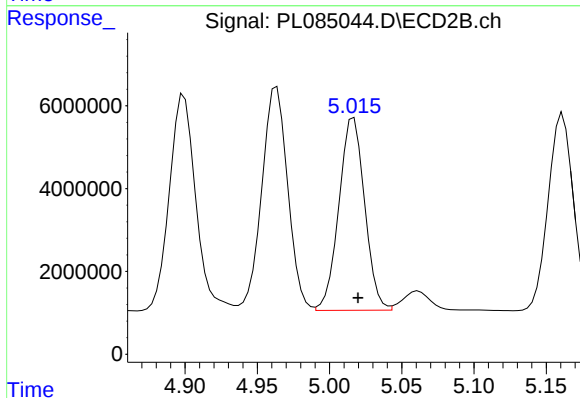
R.T.: 4.646 min  
Delta R.T.: -0.004 min  
Response: 62496325  
Conc: 47.10 ng/ml



#9 Endosulfan I

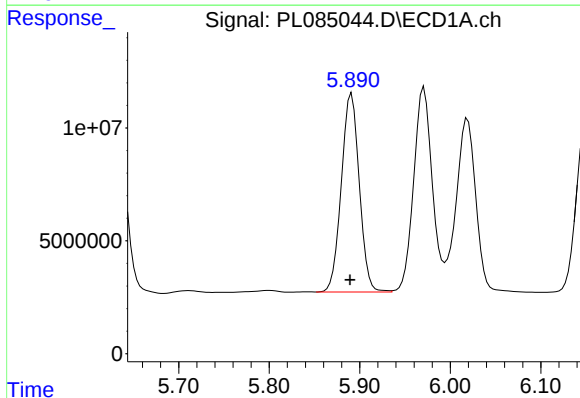
R.T.: 6.019 min  
Delta R.T.: 0.000 min  
Response: 115454133  
Conc: 43.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-345-COMP-04MSD



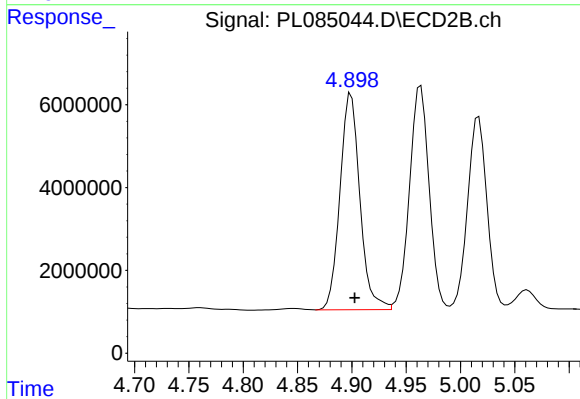
#9 Endosulfan I

R.T.: 5.017 min  
Delta R.T.: -0.003 min  
Response: 57598627  
Conc: 46.48 ng/ml



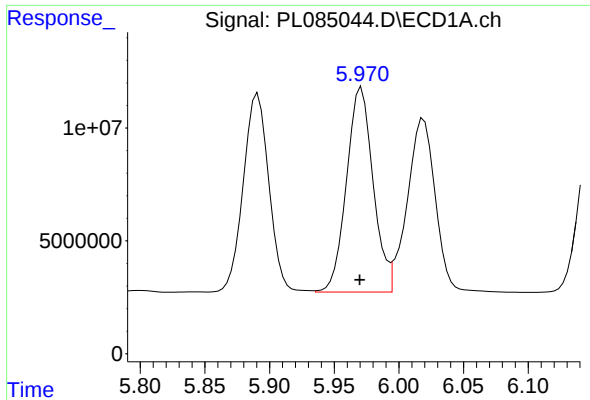
#10 gamma-Chlordane

R.T.: 5.891 min  
Delta R.T.: 0.002 min  
Response: 121195963  
Conc: 42.32 ng/ml



#10 gamma-Chlordane

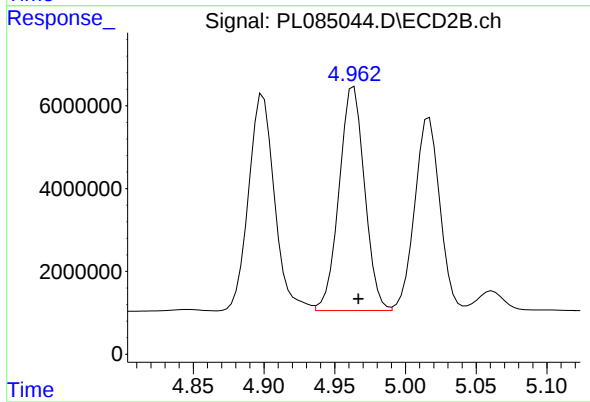
R.T.: 4.899 min  
Delta R.T.: -0.003 min  
Response: 66813504  
Conc: 49.26 ng/ml



#11 alpha-Chlordane

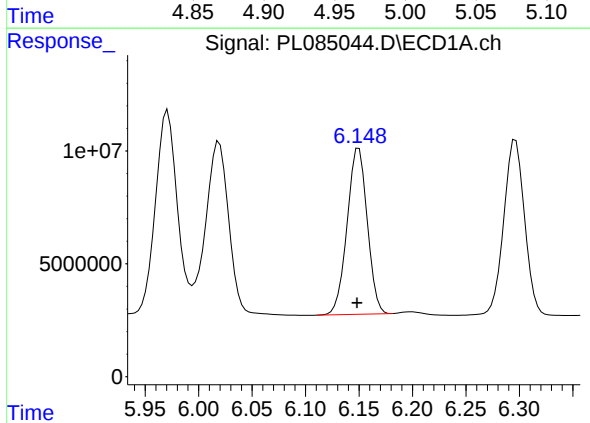
R.T.: 5.971 min  
Delta R.T.: 0.001 min  
Response: 129261203  
Conc: 45.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-345-COMP-04MSD



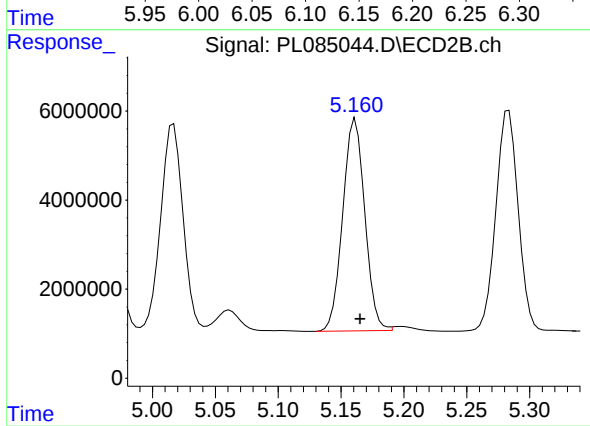
#11 alpha-Chlordane

R.T.: 4.963 min  
Delta R.T.: -0.003 min  
Response: 67858068  
Conc: 49.80 ng/ml



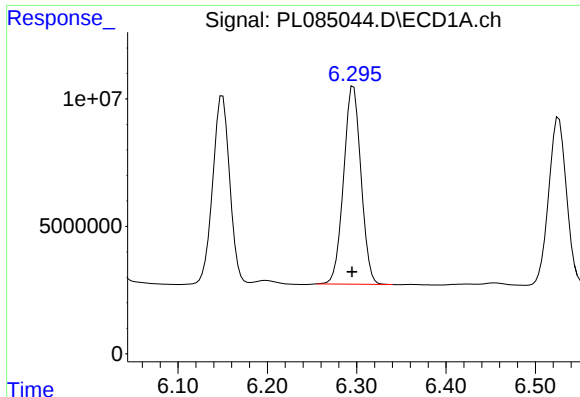
#12 4,4'-DDE

R.T.: 6.150 min  
Delta R.T.: 0.002 min  
Response: 96692206  
Conc: 42.13 ng/ml



#12 4,4'-DDE

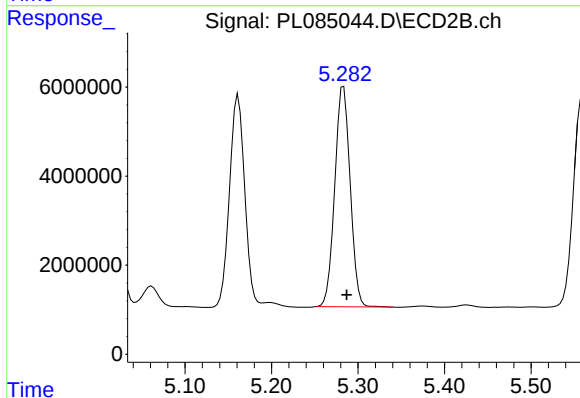
R.T.: 5.161 min  
Delta R.T.: -0.004 min  
Response: 58145126  
Conc: 47.22 ng/ml



#13 Dieldrin

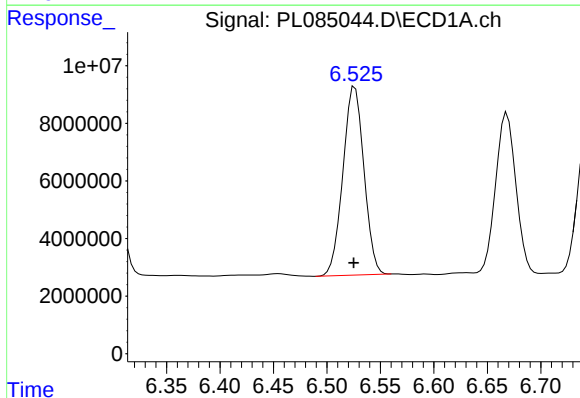
R.T.: 6.296 min  
Delta R.T.: 0.001 min  
Response: 105080332  
Conc: 39.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-345-COMP-04MSD



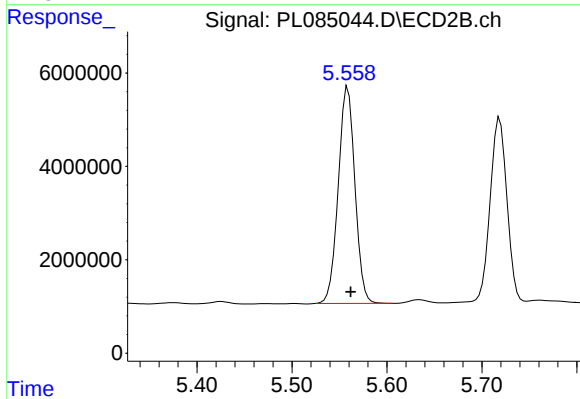
#13 Dieldrin

R.T.: 5.283 min  
Delta R.T.: -0.003 min  
Response: 61075685  
Conc: 44.98 ng/ml



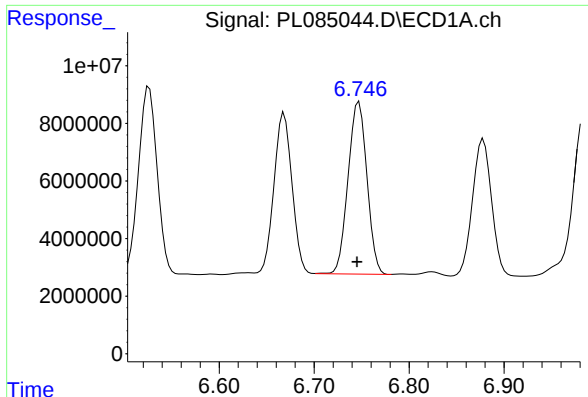
#14 Endrin

R.T.: 6.526 min  
Delta R.T.: 0.001 min  
Response: 89862965  
Conc: 41.20 ng/ml



#14 Endrin

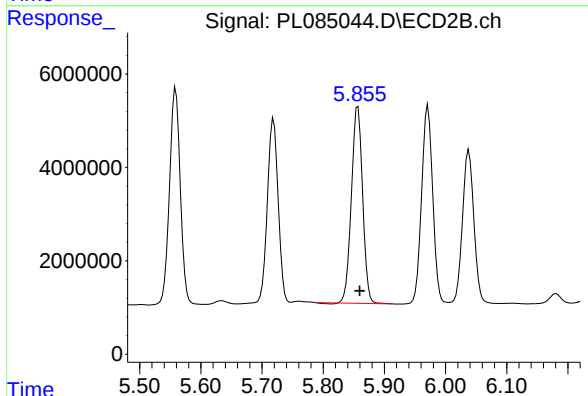
R.T.: 5.559 min  
Delta R.T.: -0.003 min  
Response: 56654370  
Conc: 46.32 ng/ml



#15 Endosulfan II

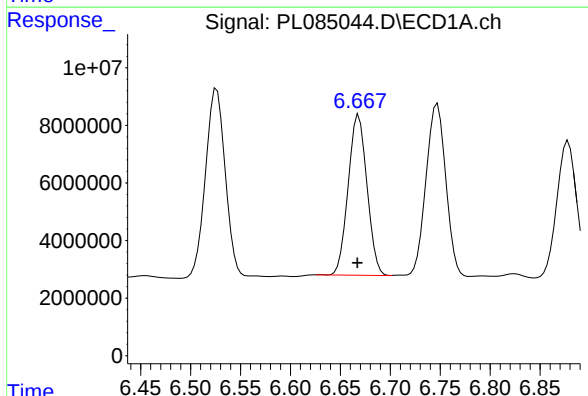
R.T.: 6.747 min  
Delta R.T.: 0.002 min  
Response: 82703663  
Conc: 39.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-345-COMP-04MSD



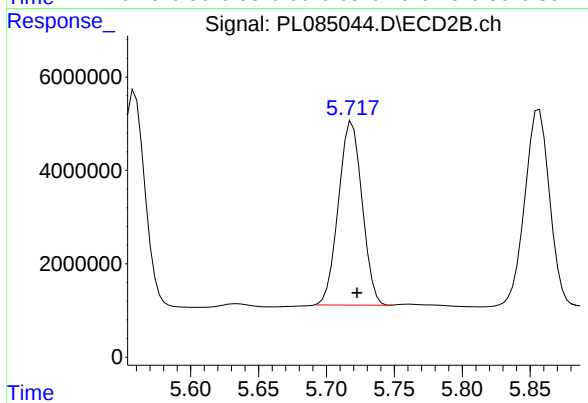
#15 Endosulfan II

R.T.: 5.857 min  
Delta R.T.: -0.003 min  
Response: 53536840  
Conc: 44.37 ng/ml



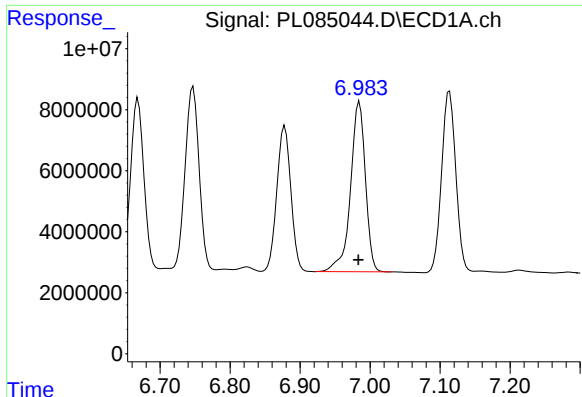
#16 4,4'-DDD

R.T.: 6.668 min  
Delta R.T.: 0.001 min  
Response: 73187229  
Conc: 43.65 ng/ml



#16 4,4'-DDD

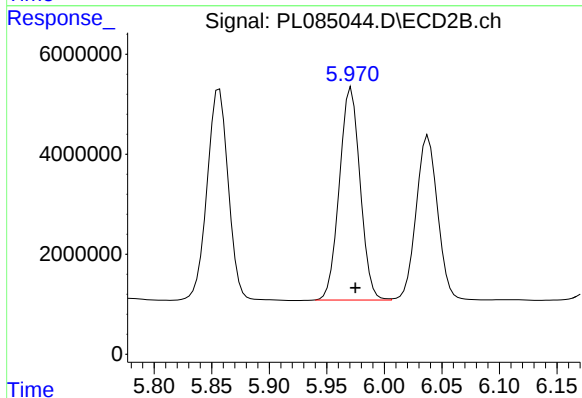
R.T.: 5.719 min  
Delta R.T.: -0.004 min  
Response: 47618629  
Conc: 46.09 ng/ml



#17 4,4'-DDT

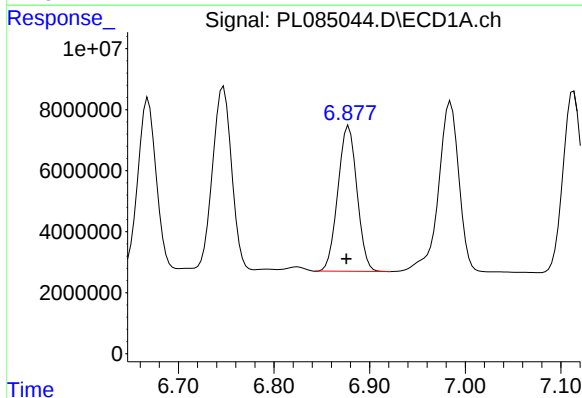
R.T.: 6.985 min  
Delta R.T.: 0.002 min  
Response: 82696825  
Conc: 44.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-345-COMP-04MSD



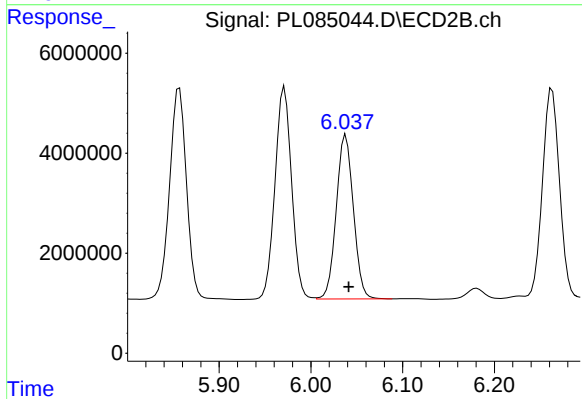
#17 4,4'-DDT

R.T.: 5.971 min  
Delta R.T.: -0.004 min  
Response: 53440727  
Conc: 46.05 ng/ml



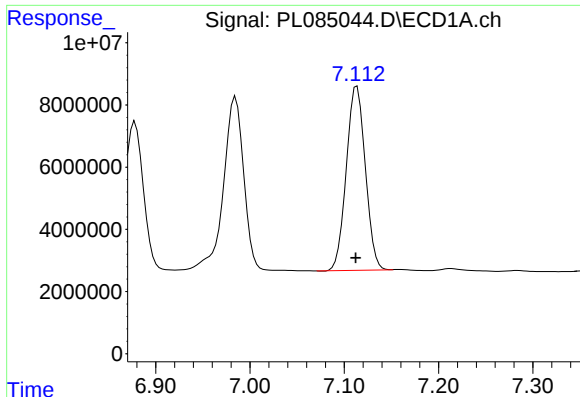
#18 Endrin aldehyde

R.T.: 6.878 min  
Delta R.T.: 0.002 min  
Response: 66348853  
Conc: 39.33 ng/ml



#18 Endrin aldehyde

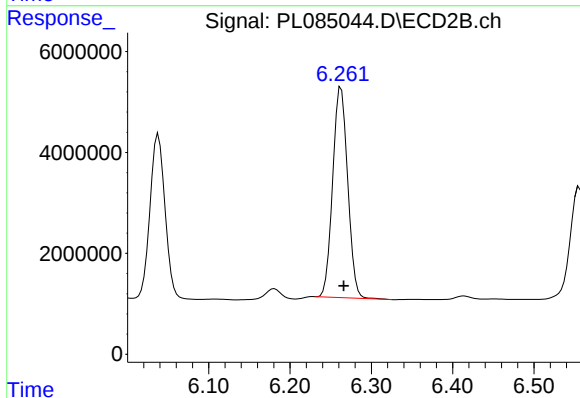
R.T.: 6.038 min  
Delta R.T.: -0.003 min  
Response: 42554682  
Conc: 42.91 ng/ml



#19 Endosulfan Sulfate

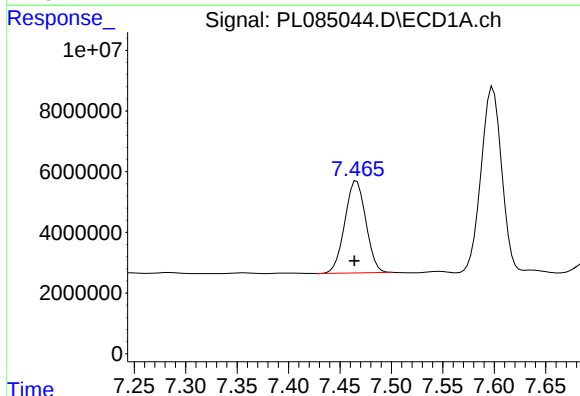
R.T.: 7.114 min  
Delta R.T.: 0.001 min  
Response: 83106764  
Conc: 41.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-345-COMP-04MSD



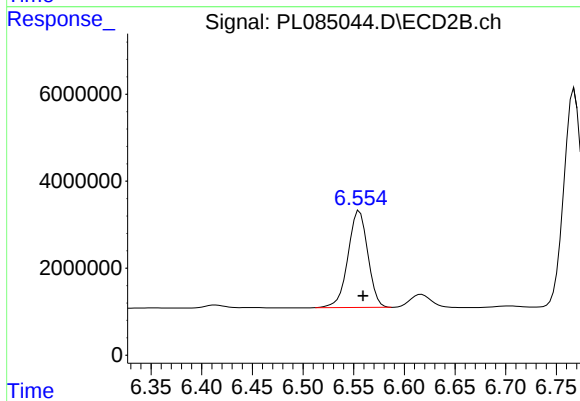
#19 Endosulfan Sulfate

R.T.: 6.263 min  
Delta R.T.: -0.003 min  
Response: 53608098  
Conc: 45.08 ng/ml



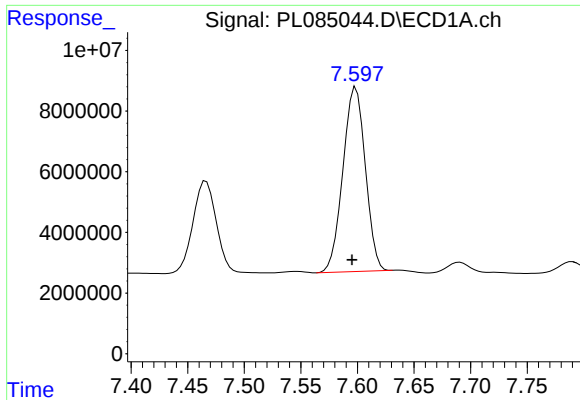
#20 Methoxychlor

R.T.: 7.466 min  
Delta R.T.: 0.002 min  
Response: 43296627  
Conc: 45.12 ng/ml



#20 Methoxychlor

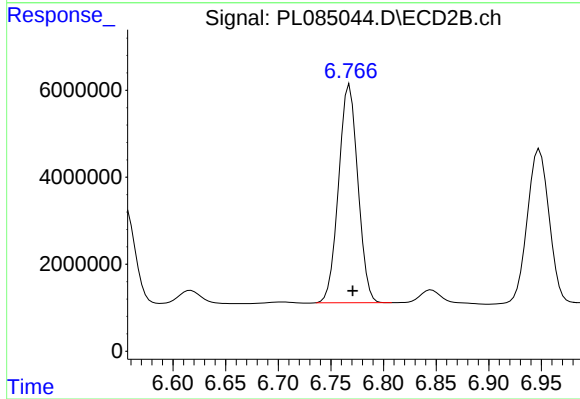
R.T.: 6.554 min  
Delta R.T.: -0.005 min  
Response: 30252241  
Conc: 44.09 ng/ml m



#21 Endrin ketone

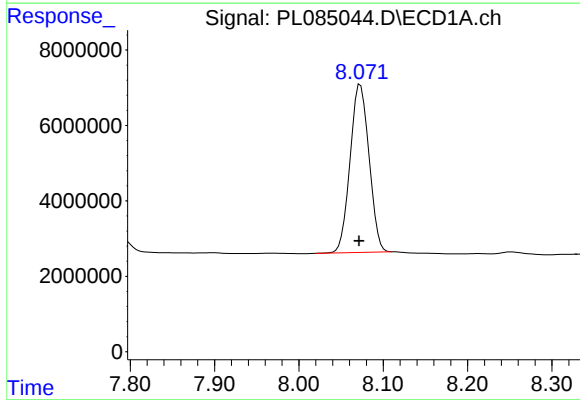
R.T.: 7.599 min  
Delta R.T.: 0.003 min  
Response: 83880889  
Conc: 41.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-345-COMP-04MSD



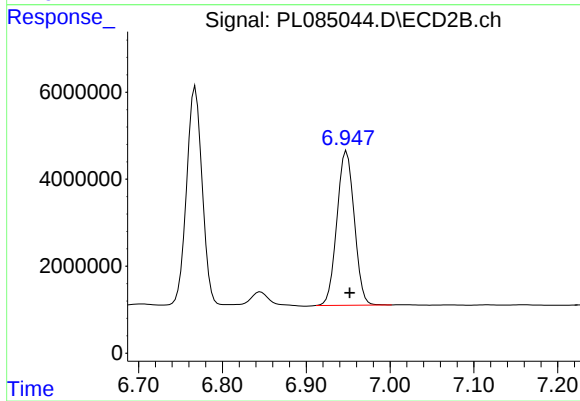
#21 Endrin ketone

R.T.: 6.768 min  
Delta R.T.: -0.003 min  
Response: 64217513  
Conc: 44.51 ng/ml



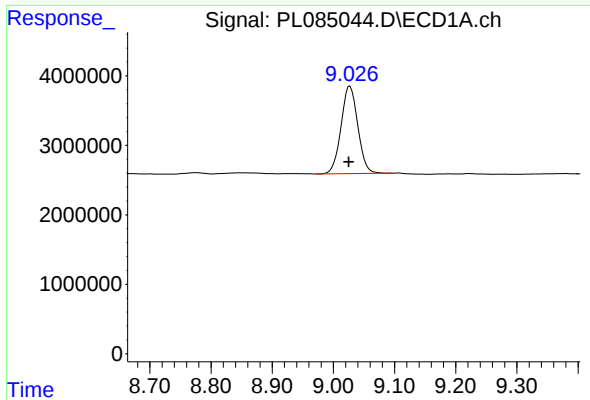
#22 Mirex

R.T.: 8.073 min  
Delta R.T.: 0.002 min  
Response: 69684750  
Conc: 41.96 ng/ml



#22 Mirex

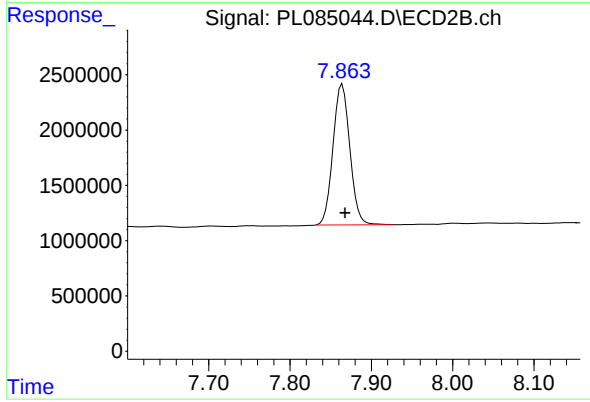
R.T.: 6.948 min  
Delta R.T.: -0.004 min  
Response: 51010914  
Conc: 44.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.027 min  
Delta R.T.: 0.002 min  
Response: 23928544  
Conc: 14.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-345-COMP-04MSD



#28 Decachlorobiphenyl

R.T.: 7.864 min  
Delta R.T.: -0.003 min  
Response: 18350416  
Conc: 14.72 ng/ml