

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080221\  
 Data File : PL068641.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Aug 2021 14:46  
 Operator : AR\AJ  
 Sample : M3253-03MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 MH-2-COMPMS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 03 01:49:58 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071921.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 20 11:44:21 2021  
 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... | 4.642  | 5.572  | 8653369  | 21143167 | 20.162  | 20.720  |
| 28)                         | SA Decachlor... | 10.417 | 11.498 | 10441033 | 17580190 | 18.564  | 19.709  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 5.348  | 6.152  | 32806604 | 78213642 | 56.042m | 57.526  |
| 3)                          | MA gamma-BHC... | 5.773  | 6.547  | 32916592 | 74852280 | 57.907  | 58.016m |
| 4)                          | MA Heptachlor   | 6.184  | 7.199  | 31968250 | 71667468 | 52.448  | 54.989  |
| 5)                          | MB Aldrin       | 6.510  | 7.570  | 30484745 | 66686838 | 54.248  | 56.206  |
| 6)                          | B beta-BHC      | 6.152  | 6.801  | 16198727 | 35953714 | 55.357  | 50.892  |
| 7)                          | B delta-BHC     | 6.414  | 7.069  | 30527926 | 69981409 | 54.639  | 57.118  |
| 8)                          | B Heptachlo...  | 7.087  | 8.036  | 29736508 | 59593896 | 53.526  | 52.709  |
| 9)                          | A Endosulfan I  | 7.490  | 8.442  | 31610159 | 56670498 | 59.837  | 55.042  |
| 10)                         | B gamma-Chl...  | 7.364  | 8.304  | 30773057 | 65484052 | 53.633  | 58.145m |
| 11)                         | B alpha-Chl...  | 7.434  | 8.386  | 30295417 | 62092646 | 52.748  | 55.208  |
| 12)                         | B 4,4'-DDE      | 7.648  | 8.573  | 28203050 | 51507888 | 55.967  | 49.980  |
| 13)                         | MA Dieldrin     | 7.777  | 8.731  | 33644730 | 59287040 | 62.504  | 55.897  |
| 14)                         | MA Endrin       | 8.068  | 8.969  | 28162326 | 49692434 | 56.314  | 55.574m |
| 15)                         | B Endosulfa...  | 8.377  | 9.204  | 27973277 | 52492220 | 56.659m | 57.913  |
| 16)                         | A 4,4'-DDD      | 8.232  | 9.112  | 26370842 | 53436615 | 59.037m | 62.757  |
| 17)                         | MA 4,4'-DDT     | 8.495  | 9.430  | 26162214 | 50602834 | 52.158  | 53.614  |
| 18)                         | B Endrin al...  | 8.566  | 9.338  | 21620542 | 39338682 | 54.579  | 54.582  |
| 19)                         | B Endosulfa...  | 8.797  | 9.576  | 28696927 | 50458115 | 54.612  | 56.035  |
| 20)                         | A Methoxychlor  | 9.090  | 9.915  | 18621806 | 25379189 | 59.531  | 49.955  |
| 21)                         | B Endrin ke...  | 9.316  | 10.075 | 31944060 | 53241477 | 53.949  | 53.384  |
| 22)                         | Mirex           | 9.504  | 10.542 | 25689249 | 41675718 | 52.021m | 53.870  |
| -----                       |                 |        |        |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080221\  
Data File : PL068641.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Aug 2021 14:46  
Operator : AR\AJ  
Sample : M3253-03MS  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

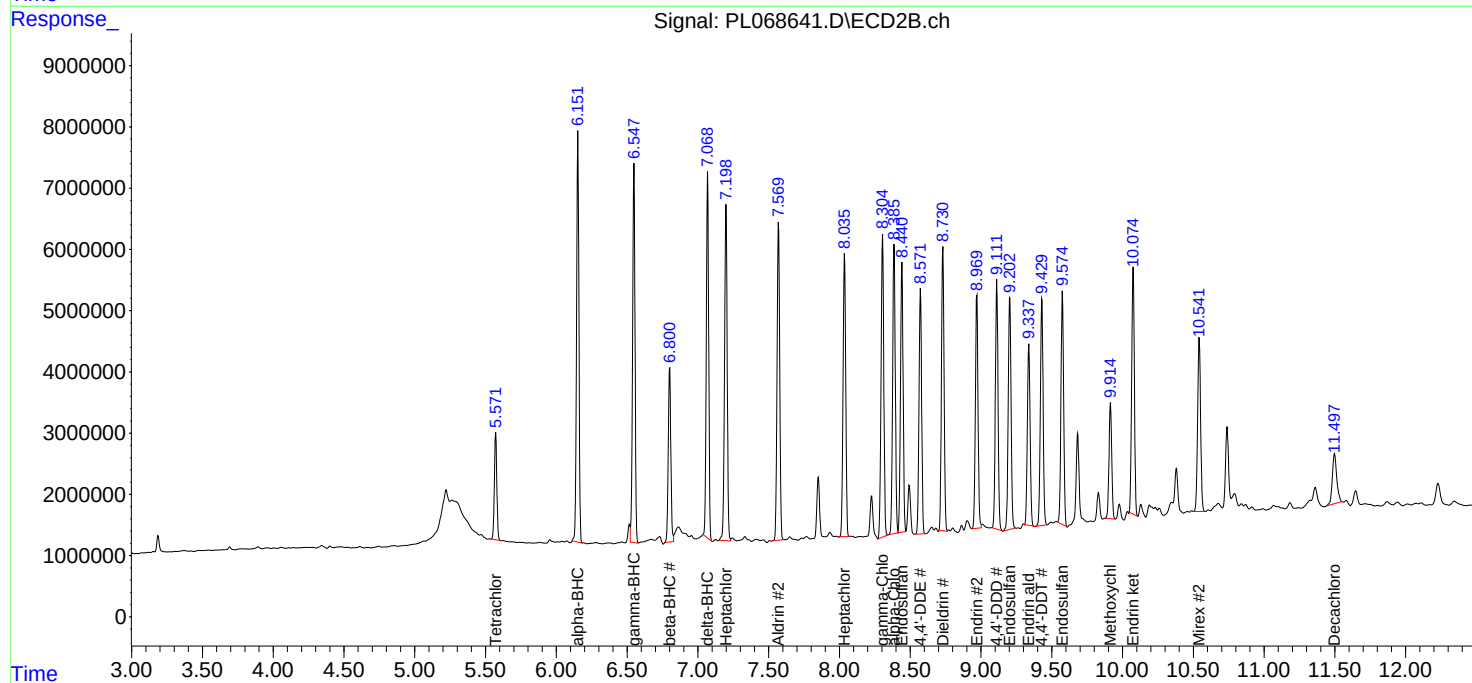
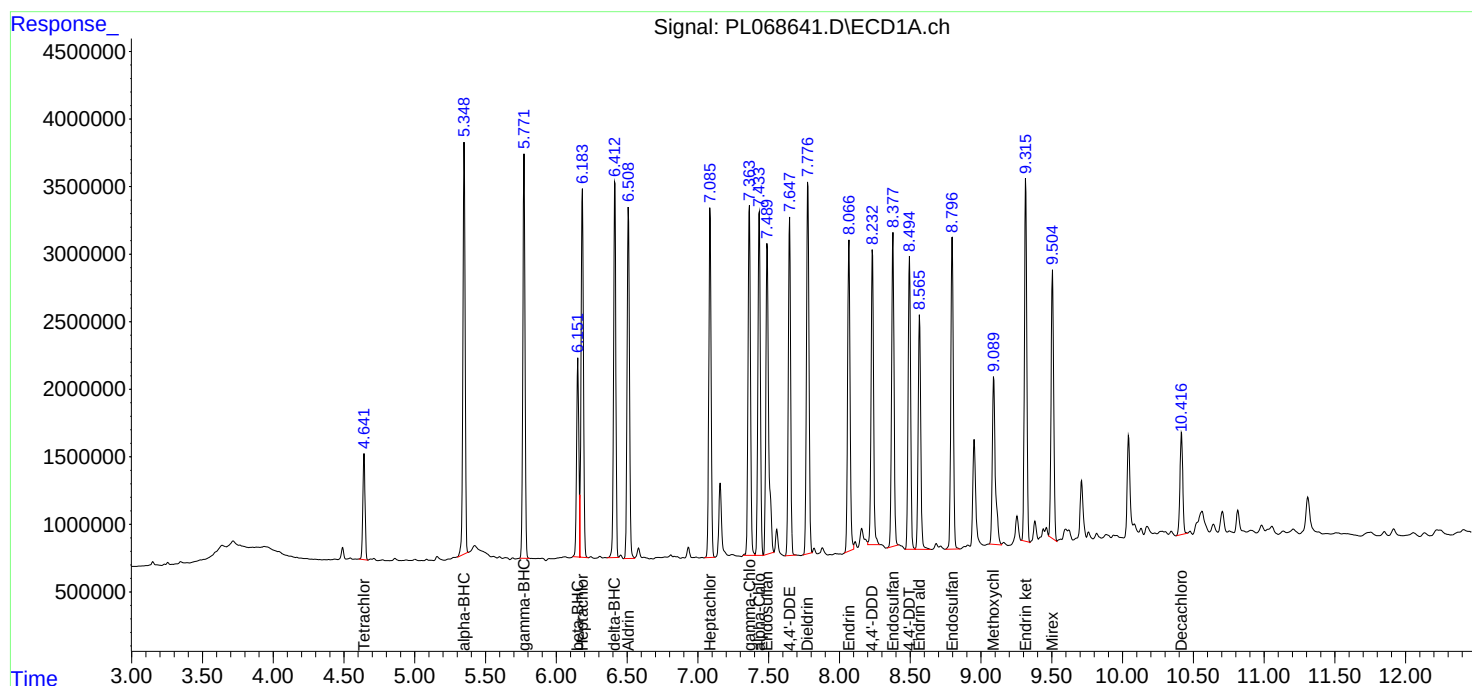
Instrument :  
ECD\_L  
ClientSampleId :  
MH-2-COMPMS

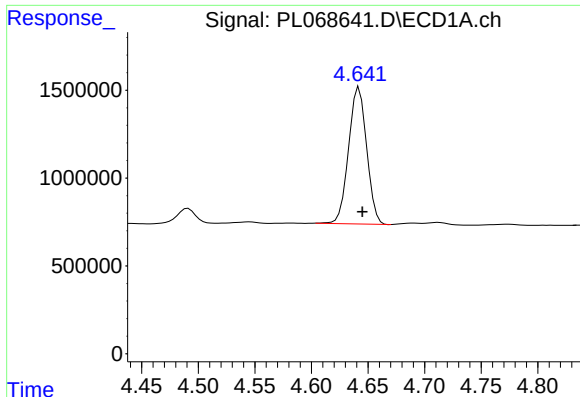
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 03 01:49:58 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071921.M  
Quant Title : GC Extractables  
QLast Update : Tue Jul 20 11:44:21 2021  
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





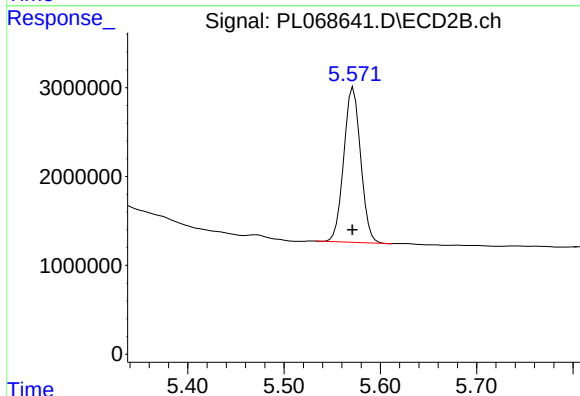
#1 Tetrachloro-m-xylene

R.T.: 4.642 min  
Delta R.T.: -0.003 min  
Response: 8653369  
Conc: 20.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MH-2-COMPMS

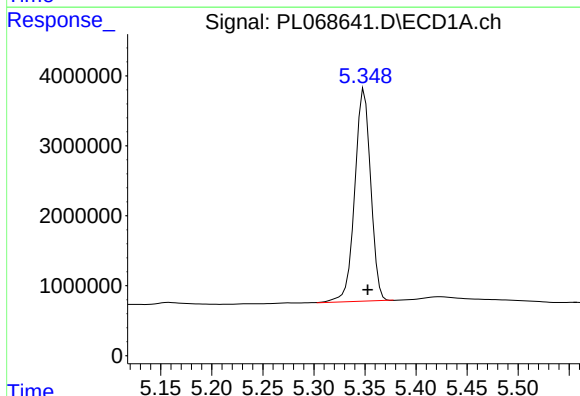
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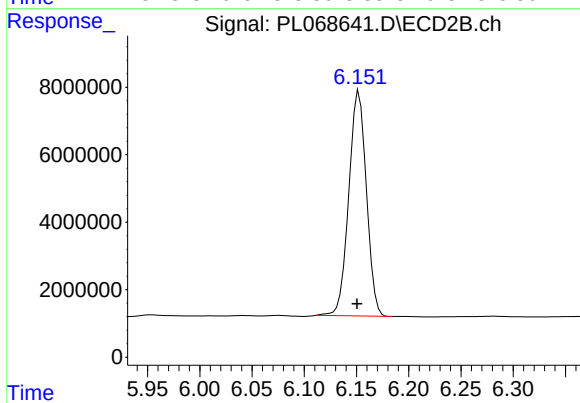
#1 Tetrachloro-m-xylene

R.T.: 5.572 min  
Delta R.T.: 0.000 min  
Response: 21143167  
Conc: 20.72 ng/ml



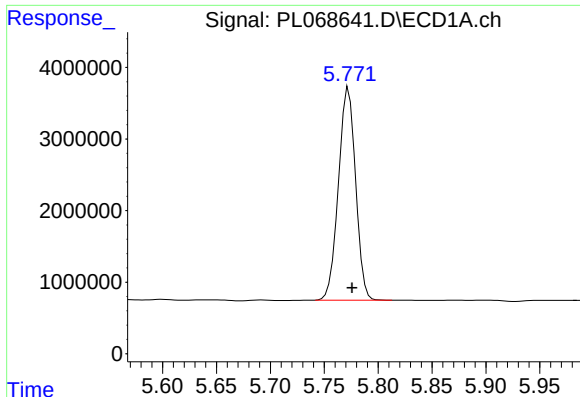
#2 alpha-BHC

R.T.: 5.348 min  
Delta R.T.: -0.005 min  
Response: 32806604  
Conc: 56.04 ng/ml m



#2 alpha-BHC

R.T.: 6.152 min  
Delta R.T.: 0.002 min  
Response: 78213642  
Conc: 57.53 ng/ml



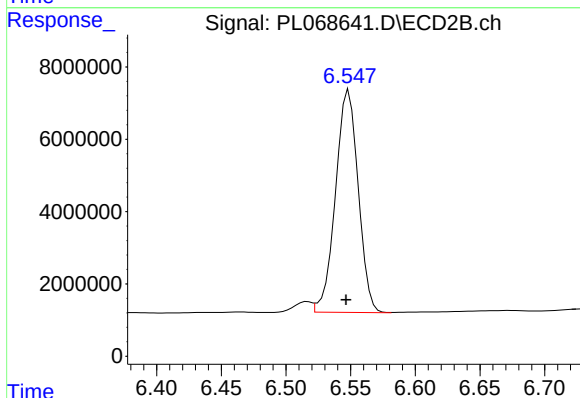
#3 gamma-BHC (Lindane)

R.T.: 5.773 min  
Delta R.T.: -0.003 min  
Response: 32916592  
Conc: 57.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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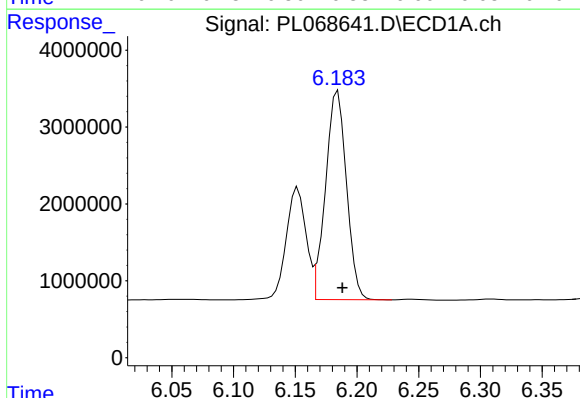
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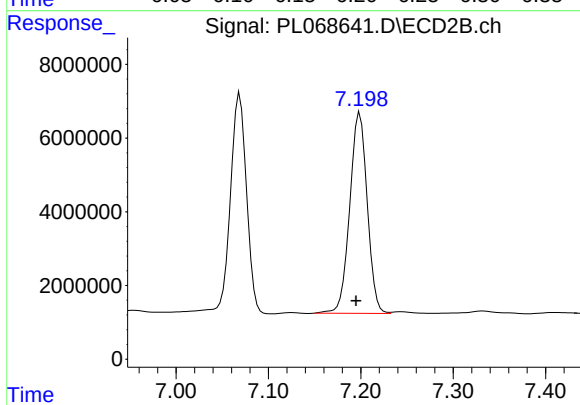
#3 gamma-BHC (Lindane)

R.T.: 6.547 min  
Delta R.T.: 0.000 min  
Response: 74852280  
Conc: 58.02 ng/ml m



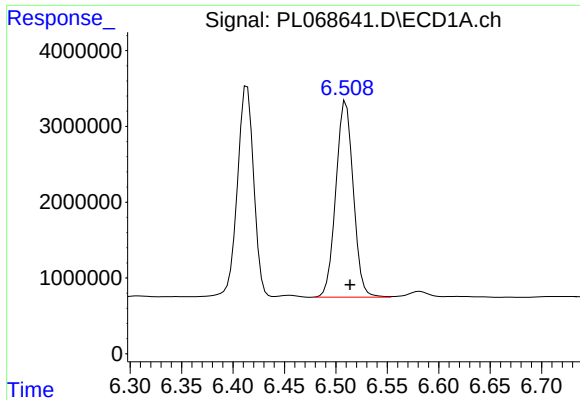
#4 Heptachlor

R.T.: 6.184 min  
Delta R.T.: -0.004 min  
Response: 31968250  
Conc: 52.45 ng/ml



#4 Heptachlor

R.T.: 7.199 min  
Delta R.T.: 0.004 min  
Response: 71667468  
Conc: 54.99 ng/ml



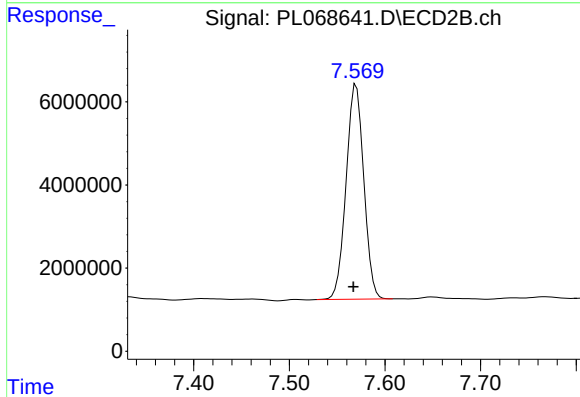
#5 Aldrin

R.T.: 6.510 min  
Delta R.T.: -0.004 min  
Response: 30484745  
Conc: 54.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MH-2-COMPMS

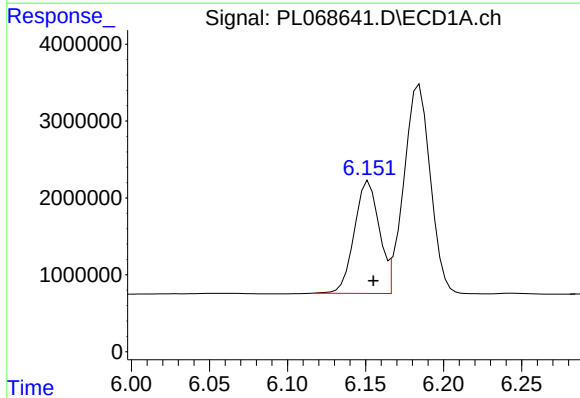
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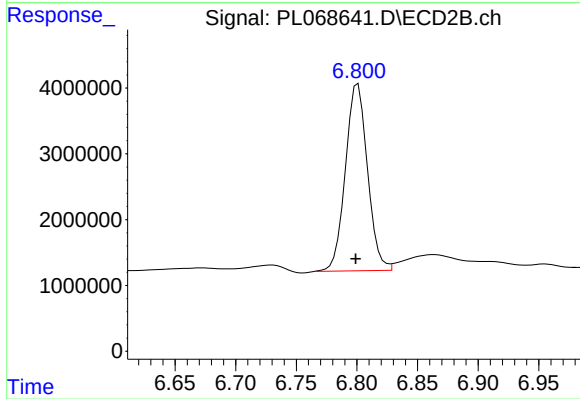
#5 Aldrin

R.T.: 7.570 min  
Delta R.T.: 0.003 min  
Response: 66686838  
Conc: 56.21 ng/ml



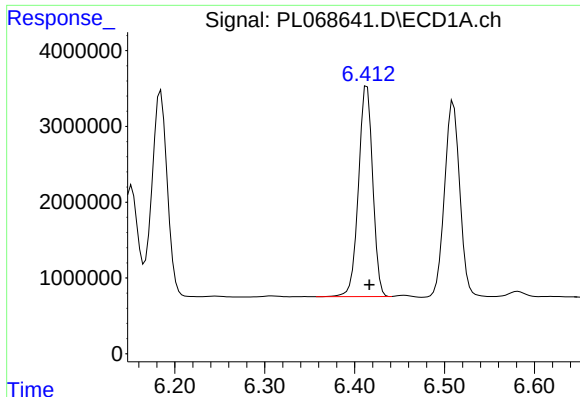
#6 beta-BHC

R.T.: 6.152 min  
Delta R.T.: -0.003 min  
Response: 16198727  
Conc: 55.36 ng/ml



#6 beta-BHC

R.T.: 6.801 min  
Delta R.T.: 0.002 min  
Response: 35953714  
Conc: 50.89 ng/ml



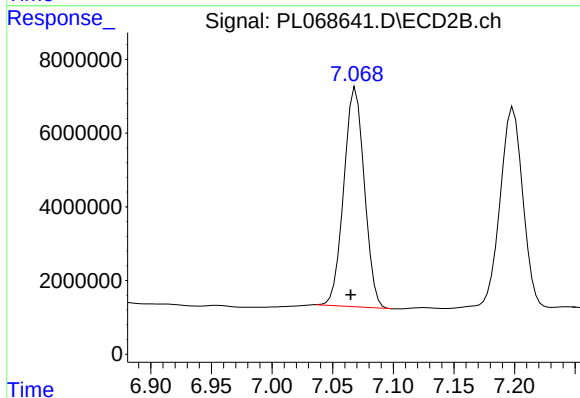
#7 delta-BHC

R.T.: 6.414 min  
Delta R.T.: -0.003 min  
Response: 30527926  
Conc: 54.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MH-2-COMPMS

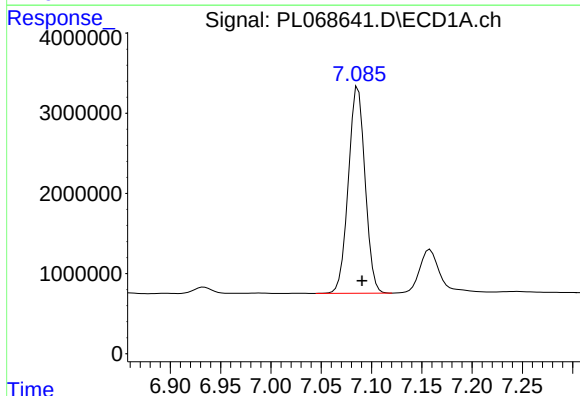
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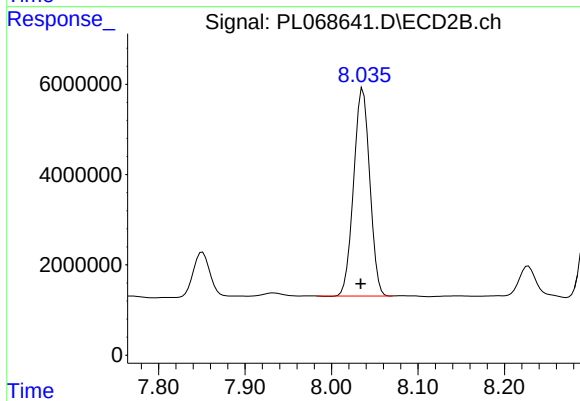
#7 delta-BHC

R.T.: 7.069 min  
Delta R.T.: 0.004 min  
Response: 69981409  
Conc: 57.12 ng/ml



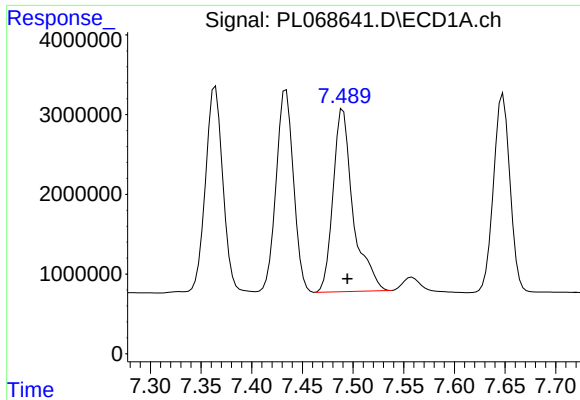
#8 Heptachlor epoxide

R.T.: 7.087 min  
Delta R.T.: -0.004 min  
Response: 29736508  
Conc: 53.53 ng/ml



#8 Heptachlor epoxide

R.T.: 8.036 min  
Delta R.T.: 0.003 min  
Response: 59593896  
Conc: 52.71 ng/ml



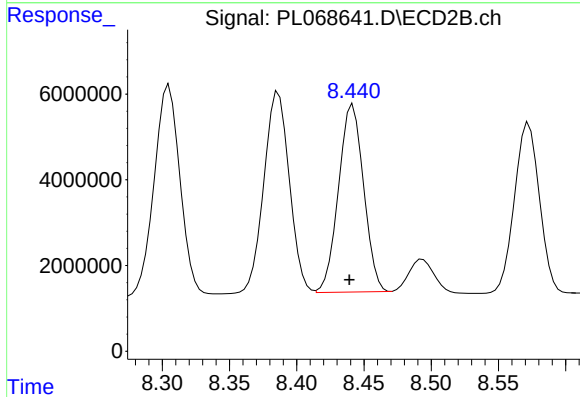
#9 Endosulfan I

R.T.: 7.490 min  
Delta R.T.: -0.004 min  
Response: 31610159  
Conc: 59.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MH-2-COMPMS

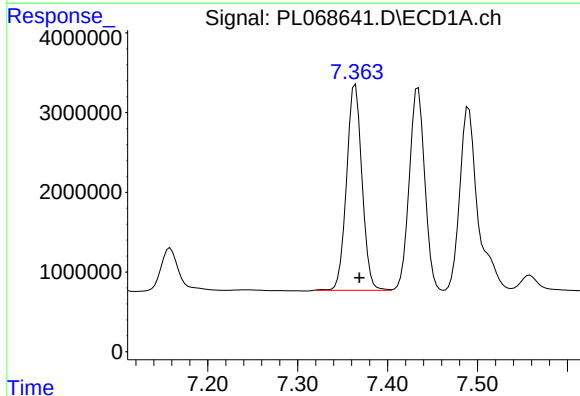
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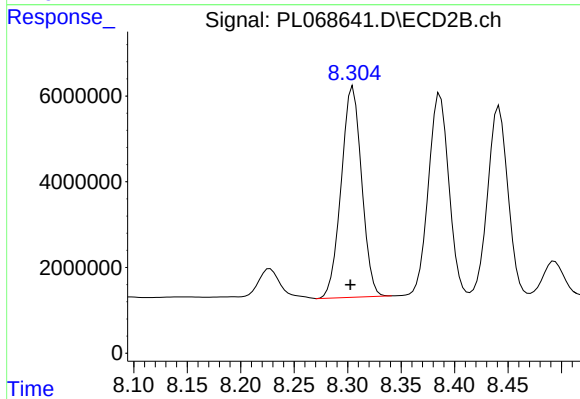
#9 Endosulfan I

R.T.: 8.442 min  
Delta R.T.: 0.003 min  
Response: 56670498  
Conc: 55.04 ng/ml



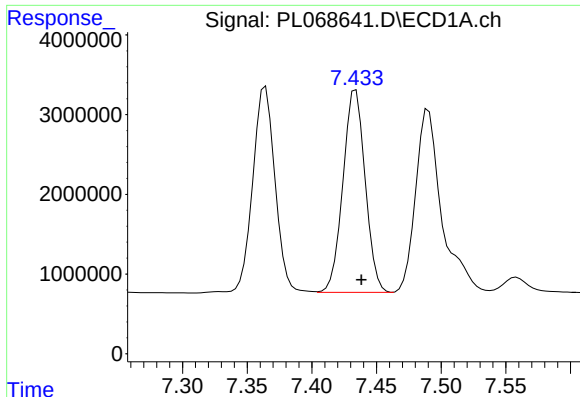
#10 gamma-Chlordane

R.T.: 7.364 min  
Delta R.T.: -0.004 min  
Response: 30773057  
Conc: 53.63 ng/ml



#10 gamma-Chlordane

R.T.: 8.304 min  
Delta R.T.: 0.001 min  
Response: 65484052  
Conc: 58.15 ng/ml m



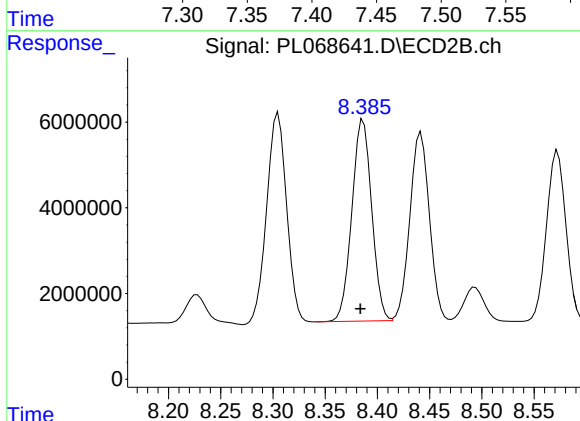
#11 alpha-Chlordane

R.T.: 7.434 min  
Delta R.T.: -0.004 min  
Response: 30295417  
Conc: 52.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MH-2-COMPMS

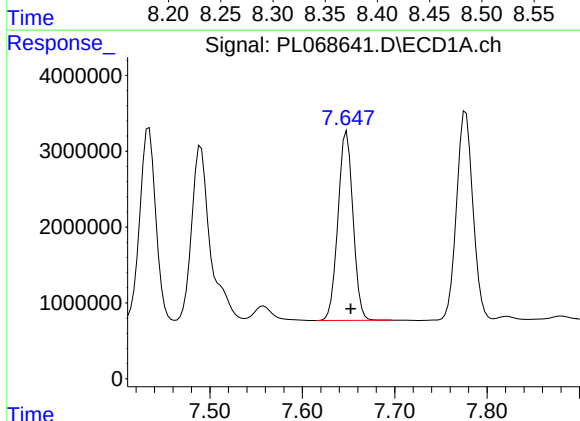
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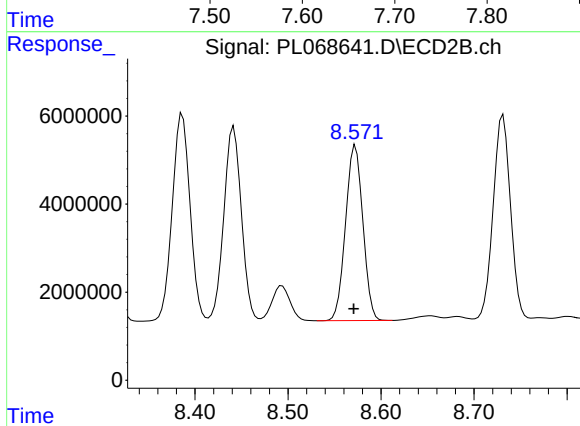
#11 alpha-Chlordane

R.T.: 8.386 min  
Delta R.T.: 0.003 min  
Response: 62092646  
Conc: 55.21 ng/ml



#12 4,4'-DDE

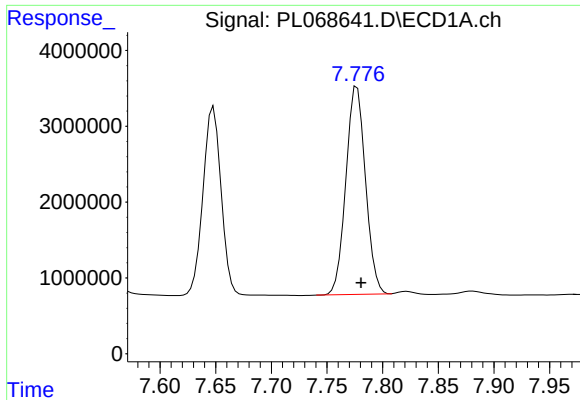
R.T.: 7.648 min  
Delta R.T.: -0.004 min  
Response: 28203050  
Conc: 55.97 ng/ml



#12 4,4'-DDE

R.T.: 8.573 min  
Delta R.T.: 0.002 min  
Response: 51507888  
Conc: 49.98 ng/ml





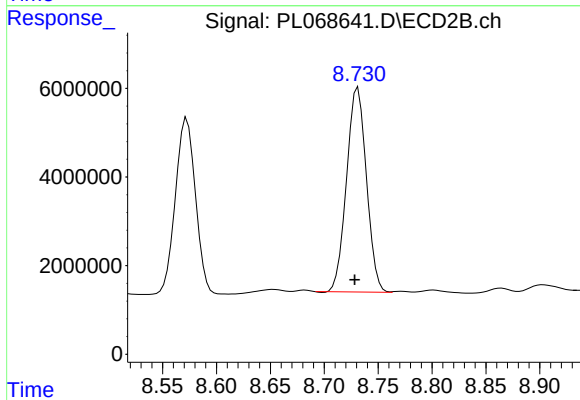
#13 Dieldrin

R.T.: 7.777 min  
Delta R.T.: -0.004 min  
Response: 33644730  
Conc: 62.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MH-2-COMPMS

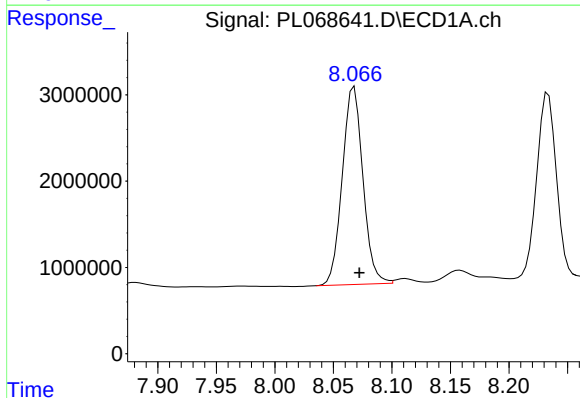
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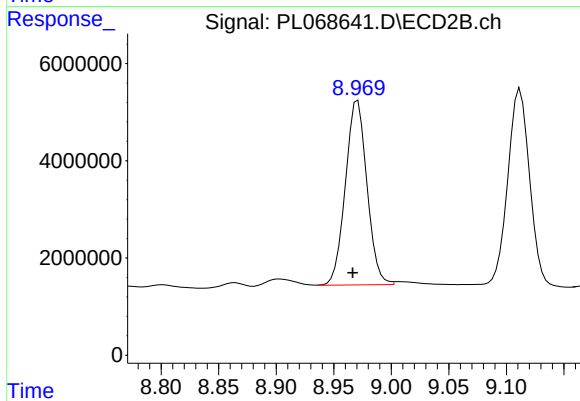
#13 Dieldrin

R.T.: 8.731 min  
Delta R.T.: 0.003 min  
Response: 59287040  
Conc: 55.90 ng/ml



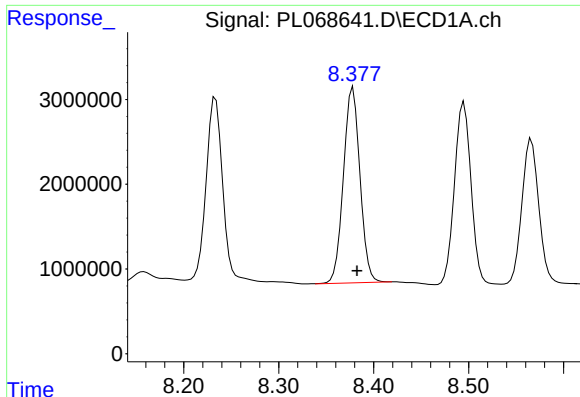
#14 Endrin

R.T.: 8.068 min  
Delta R.T.: -0.004 min  
Response: 28162326  
Conc: 56.31 ng/ml



#14 Endrin

R.T.: 8.969 min  
Delta R.T.: 0.003 min  
Response: 49692434  
Conc: 55.57 ng/ml m



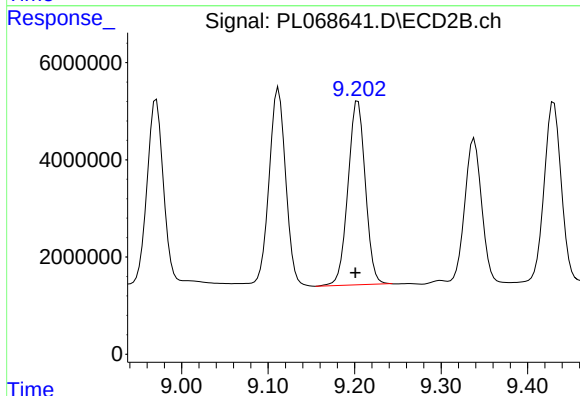
#15 Endosulfan II

R.T.: 8.377 min  
Delta R.T.: -0.006 min  
Response: 27973277  
Conc: 56.66 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
MH-2-COMPMS

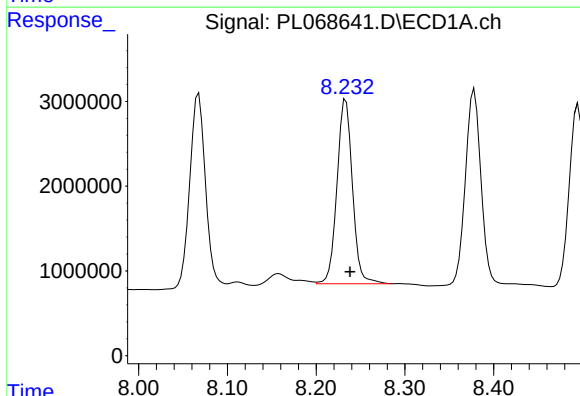
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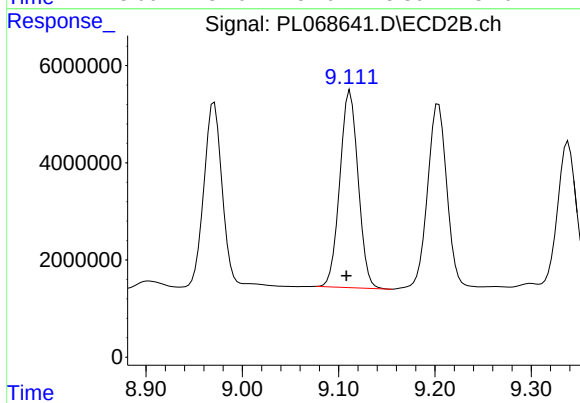
#15 Endosulfan II

R.T.: 9.204 min  
Delta R.T.: 0.003 min  
Response: 52492220  
Conc: 57.91 ng/ml



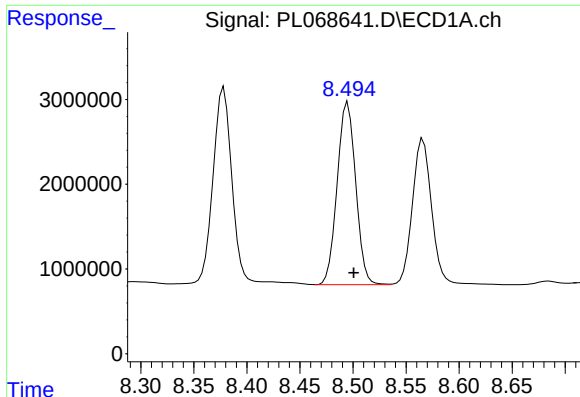
#16 4,4'-DDD

R.T.: 8.232 min  
Delta R.T.: -0.006 min  
Response: 26370842  
Conc: 59.04 ng/ml m



#16 4,4'-DDD

R.T.: 9.112 min  
Delta R.T.: 0.004 min  
Response: 53436615  
Conc: 62.76 ng/ml



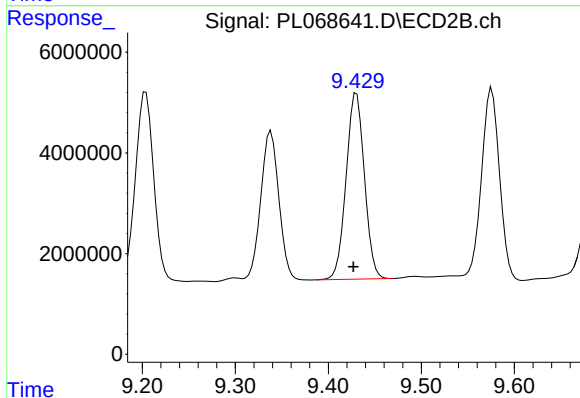
#17 4,4'-DDT

R.T.: 8.495 min  
Delta R.T.: -0.006 min  
Response: 26162214  
Conc: 52.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MH-2-COMPMS

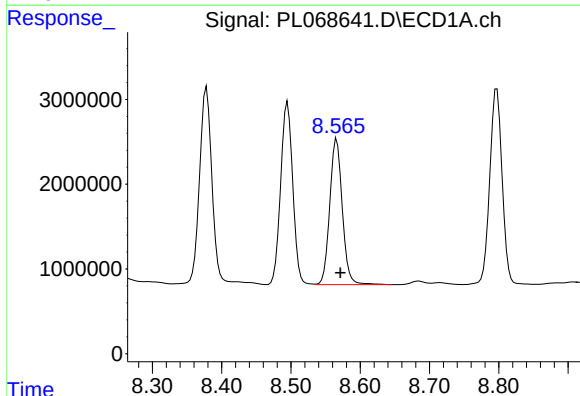
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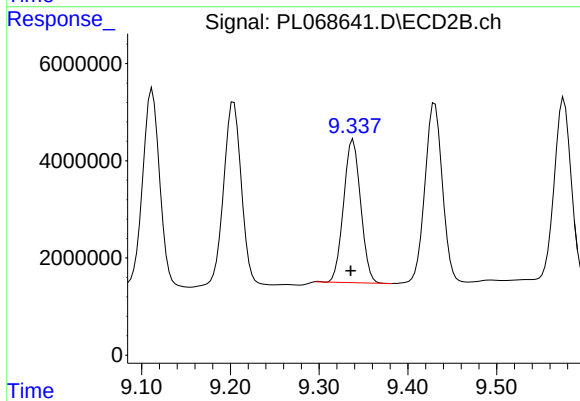
#17 4,4'-DDT

R.T.: 9.430 min  
Delta R.T.: 0.003 min  
Response: 50602834  
Conc: 53.61 ng/ml



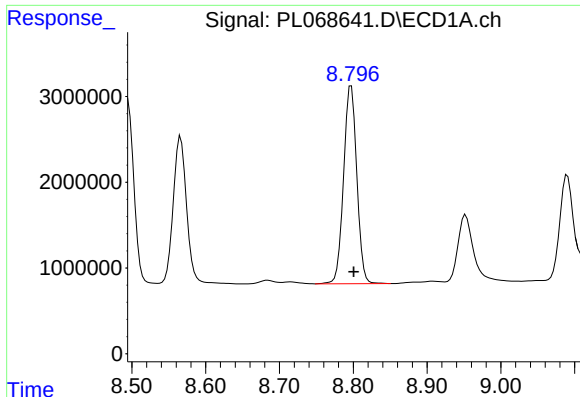
#18 Endrin aldehyde

R.T.: 8.566 min  
Delta R.T.: -0.005 min  
Response: 21620542  
Conc: 54.58 ng/ml



#18 Endrin aldehyde

R.T.: 9.338 min  
Delta R.T.: 0.003 min  
Response: 39338682  
Conc: 54.58 ng/ml



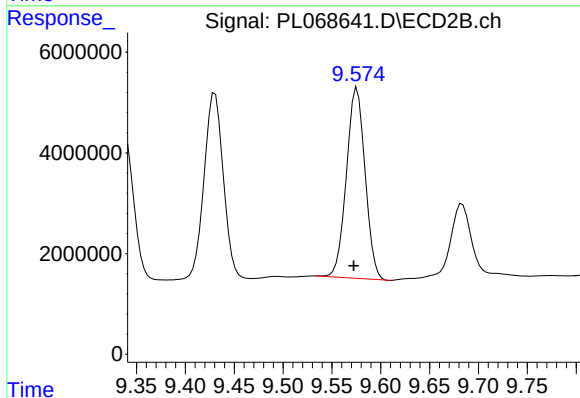
#19 Endosulfan Sulfate

R.T.: 8.797 min  
Delta R.T.: -0.004 min  
Response: 28696927  
Conc: 54.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MH-2-COMPMS

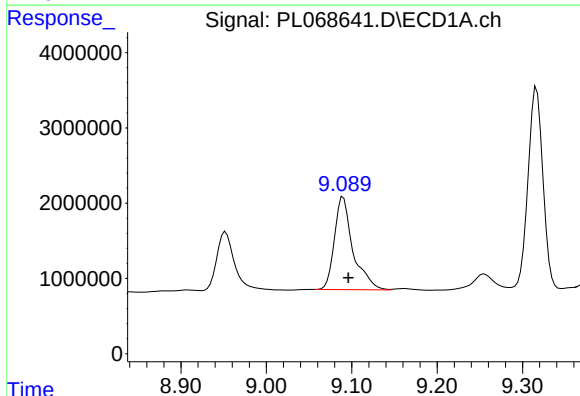
Manual Integrations  
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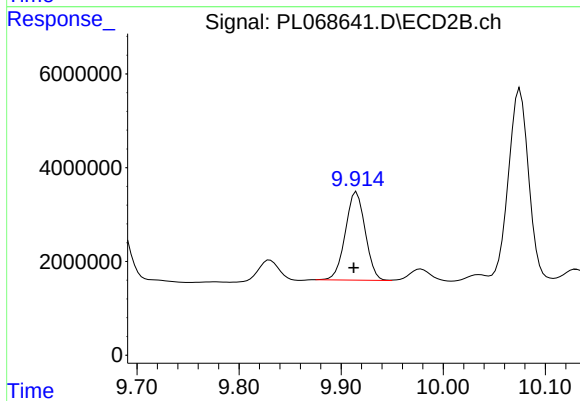
#19 Endosulfan Sulfate

R.T.: 9.576 min  
Delta R.T.: 0.003 min  
Response: 50458115  
Conc: 56.03 ng/ml



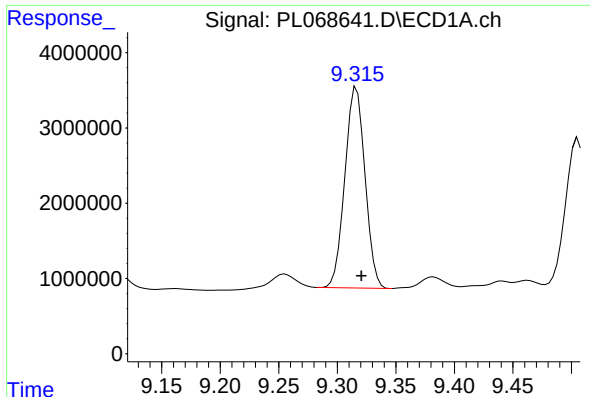
#20 Methoxychlor

R.T.: 9.090 min  
Delta R.T.: -0.006 min  
Response: 18621806  
Conc: 59.53 ng/ml



#20 Methoxychlor

R.T.: 9.915 min  
Delta R.T.: 0.003 min  
Response: 25379189  
Conc: 49.96 ng/ml



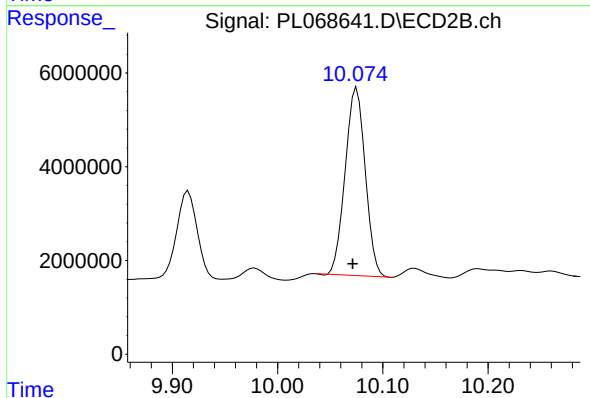
#21 Endrin ketone

R.T.: 9.316 min  
Delta R.T.: -0.004 min  
Response: 31944060  
Conc: 53.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MH-2-COMPMS

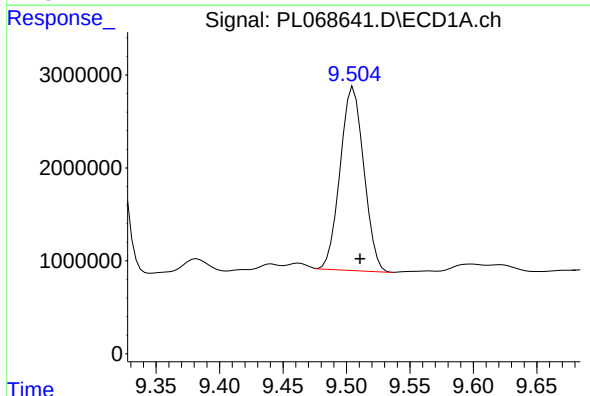
Manual Integrations  
APPROVED

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8/3/2021 8:27:23 AM



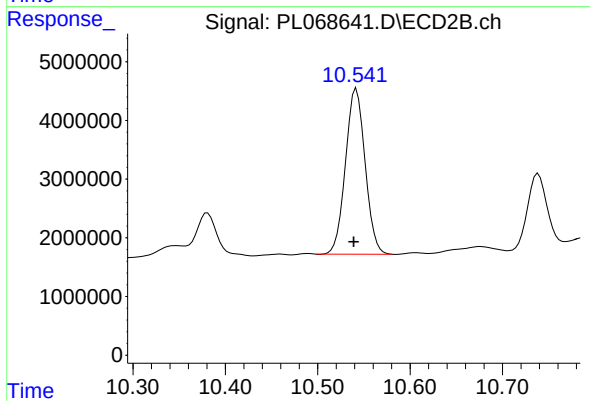
#21 Endrin ketone

R.T.: 10.075 min  
Delta R.T.: 0.004 min  
Response: 53241477  
Conc: 53.38 ng/ml



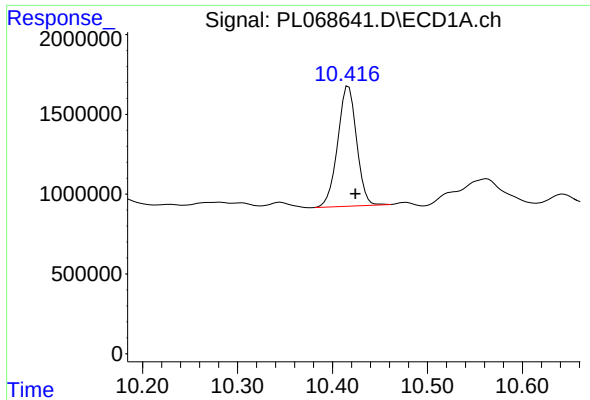
#22 Mirex

R.T.: 9.504 min  
Delta R.T.: -0.006 min  
Response: 25689249  
Conc: 52.02 ng/ml m



#22 Mirex

R.T.: 10.542 min  
Delta R.T.: 0.003 min  
Response: 41675718  
Conc: 53.87 ng/ml



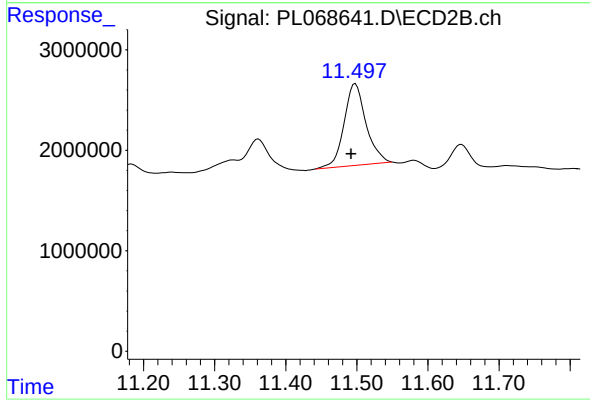
#28 Decachlorobiphenyl

R.T.: 10.417 min  
Delta R.T.: -0.007 min  
Response: 10441033  
Conc: 18.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MH-2-COMPMS

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 11.498 min  
Delta R.T.: 0.006 min  
Response: 17580190  
Conc: 19.71 ng/ml