

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL083021\  
 Data File : PL069602.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Aug 2021 03:51  
 Operator : AR\AJ  
 Sample : M3569-02MS  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 S-2MS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 31 04:53:13 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL083021.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 31 01:49:30 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... | 4.633  | 5.569  | 6791967  | 25982376 | 21.817  | 20.652   |
| 28)                         | SA Decachlor... | 10.400 | 11.492 | 10919338 | 27198899 | 18.515  | 24.103 # |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 5.340  | 6.149  | 24144271 | 94364794 | 58.031  | 54.156   |
| 3)                          | MA gamma-BHC... | 5.762  | 6.544  | 27069730 | 87903047 | 61.909  | 54.109m  |
| 4)                          | MA Heptachlor   | 6.173  | 7.196  | 26438551 | 82446133 | 54.089  | 51.768   |
| 5)                          | MB Aldrin       | 6.498  | 7.567  | 24831055 | 75424222 | 54.686  | 51.392   |
| 6)                          | B beta-BHC      | 6.143  | 6.799  | 12974181 | 40514717 | 54.062  | 46.628   |
| 7)                          | B delta-BHC     | 6.404  | 7.067  | 23424711 | 78072366 | 51.045  | 48.794   |
| 8)                          | B Heptachlo...  | 7.074  | 8.033  | 25521690 | 66963681 | 52.800  | 49.565   |
| 9)                          | A Endosulfan I  | 7.477  | 8.439  | 25499699 | 63166991 | 53.933m | 49.135   |
| 10)                         | B gamma-Chl...  | 7.351  | 8.301  | 27357397 | 70696090 | 53.328  | 50.900m  |
| 11)                         | B alpha-Chl...  | 7.421  | 8.383  | 27118718 | 66761966 | 52.186  | 48.786   |
| 12)                         | B 4,4'-DDE      | 7.635  | 8.569  | 24355294 | 53424149 | 54.035  | 40.331 # |
| 13)                         | MA Dieldrin     | 7.764  | 8.728  | 27793011 | 61983480 | 56.199  | 46.930   |
| 14)                         | MA Endrin       | 8.055  | 8.966  | 26815586 | 55688964 | 56.194  | 49.965m  |
| 15)                         | B Endosulfa...  | 8.364  | 9.201  | 23913173 | 53707481 | 48.630m | 47.190   |
| 16)                         | A 4,4'-DDD      | 8.218  | 9.108  | 21497227 | 54698094 | 53.252m | 50.287m  |
| 17)                         | MA 4,4'-DDT     | 8.481  | 9.428  | 23304803 | 50588411 | 50.143  | 46.418   |
| 18)                         | B Endrin al...  | 8.553  | 9.335  | 21619730 | 45955270 | 50.528  | 47.312   |
| 19)                         | B Endosulfa...  | 8.784  | 9.573  | 25570608 | 51273201 | 48.330  | 46.450   |
| 20)                         | A Methoxychlor  | 9.075  | 9.913  | 16001238 | 28678856 | 51.921m | 49.576   |
| 21)                         | B Endrin ke...  | 9.303  | 10.072 | 28092587 | 55936983 | 46.792  | 47.096   |
| 22)                         | Mirex           | 9.489  | 10.539 | 24976123 | 44018806 | 45.947m | 49.053   |
| -----                       |                 |        |        |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL083021\  
Data File : PL069602.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Aug 2021 03:51  
Operator : AR\AJ  
Sample : M3569-02MS  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

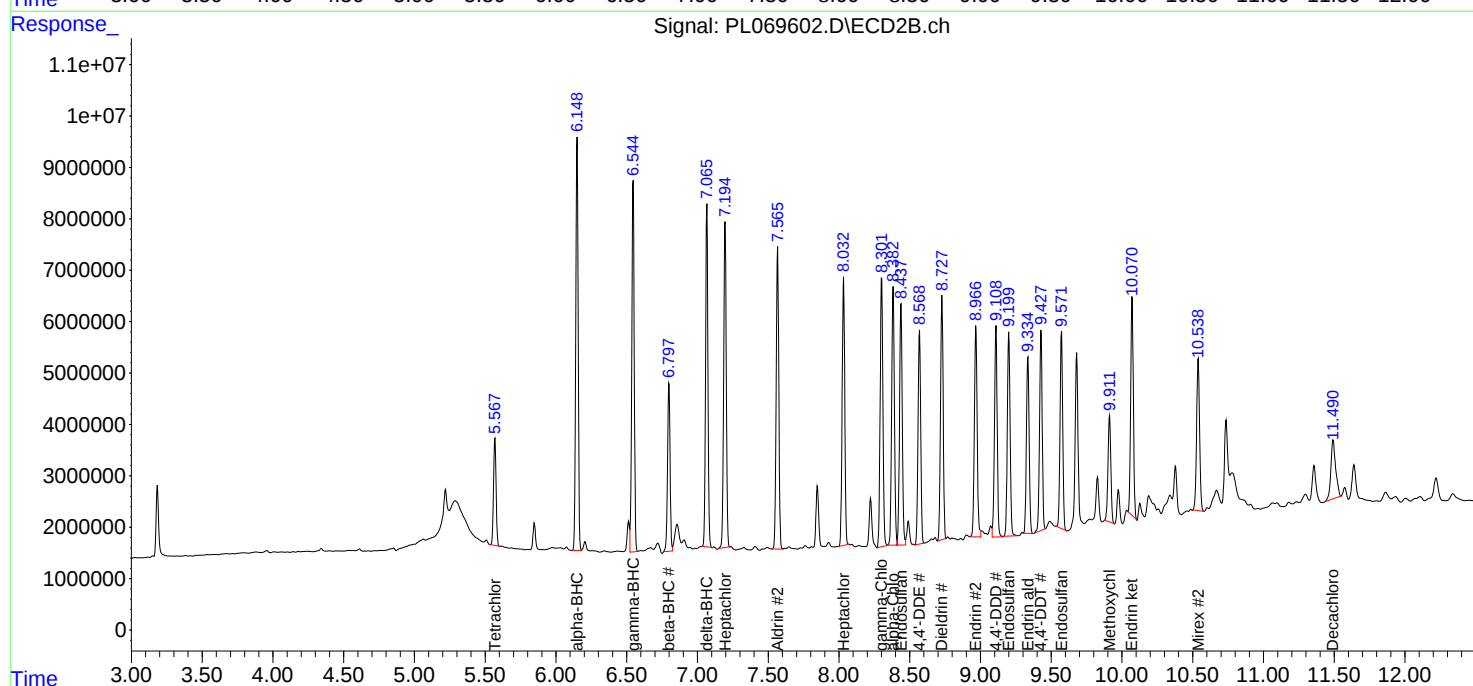
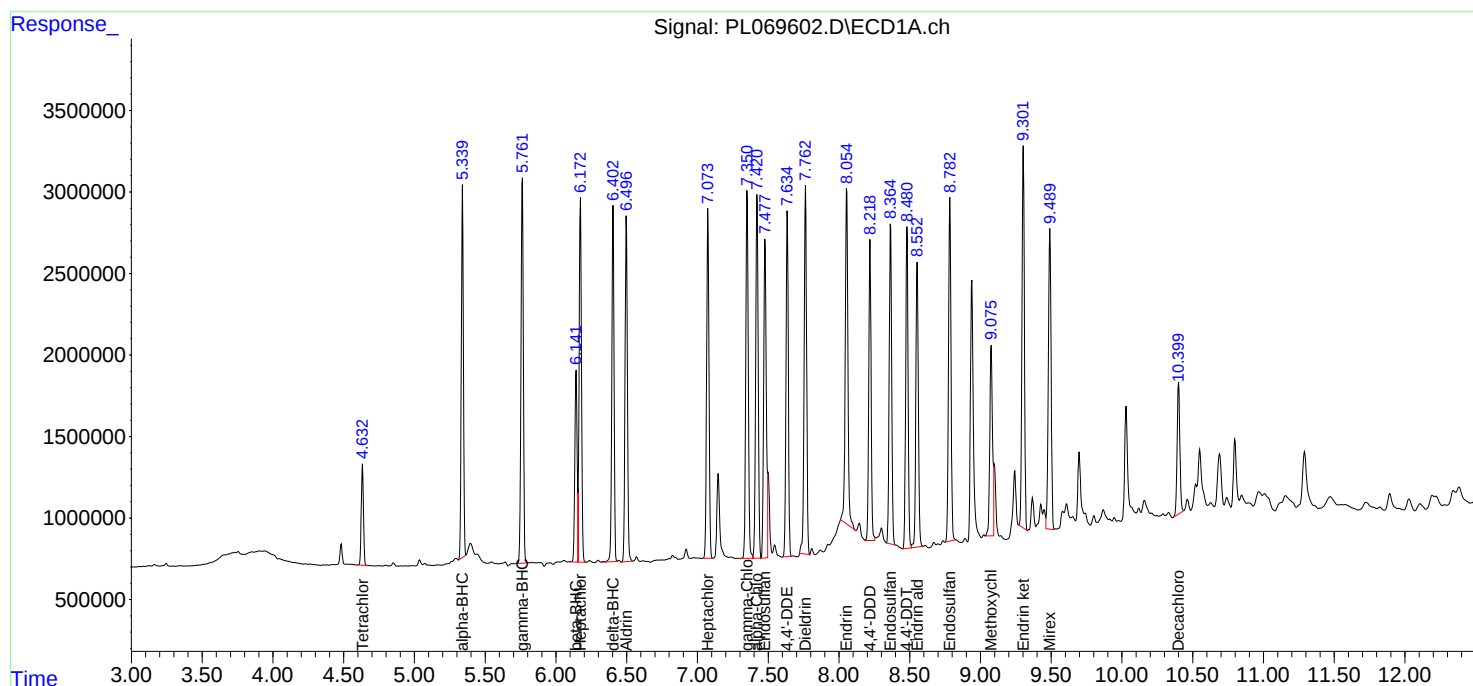
Instrument :  
ECD\_L  
ClientSampleId :  
S-2MS

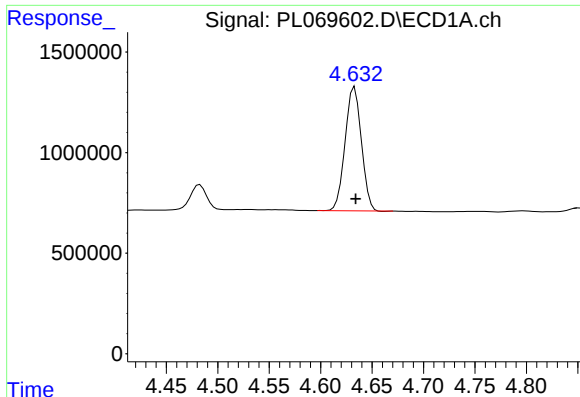
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 31 04:53:13 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL083021.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 31 01:49:30 2021  
Response via : Initial Calibration  
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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





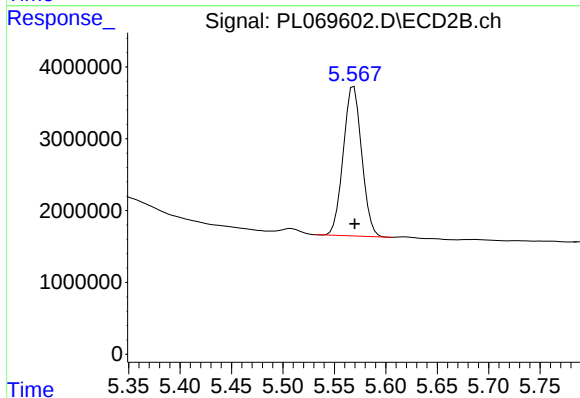
#1 Tetrachloro-m-xylene

R.T.: 4.633 min  
Delta R.T.: -0.001 min  
Response: 6791967  
Conc: 21.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-2MS

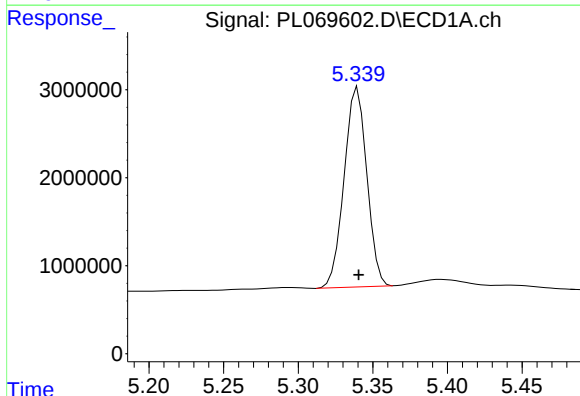
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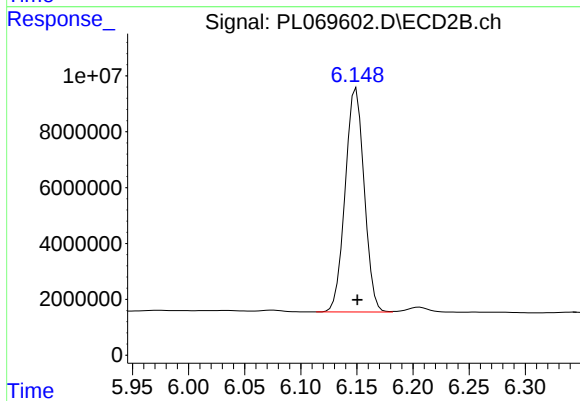
#1 Tetrachloro-m-xylene

R.T.: 5.569 min  
Delta R.T.: 0.000 min  
Response: 25982376  
Conc: 20.65 ng/ml



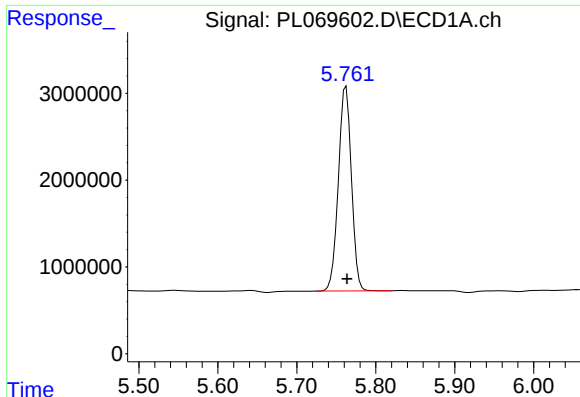
#2 alpha-BHC

R.T.: 5.340 min  
Delta R.T.: 0.000 min  
Response: 24144271  
Conc: 58.03 ng/ml



#2 alpha-BHC

R.T.: 6.149 min  
Delta R.T.: -0.001 min  
Response: 94364794  
Conc: 54.16 ng/ml



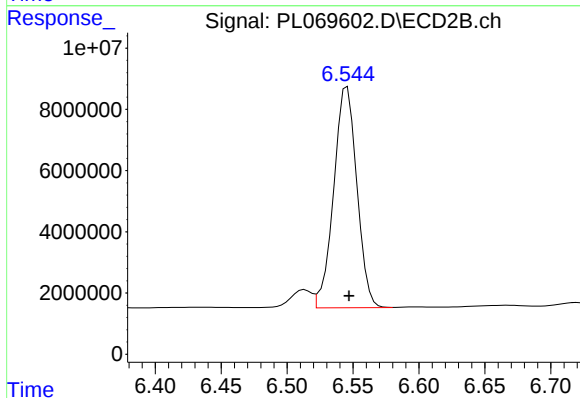
#3 gamma-BHC (Lindane)

R.T.: 5.762 min  
Delta R.T.: -0.001 min  
Response: 27069730  
Conc: 61.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-2MS

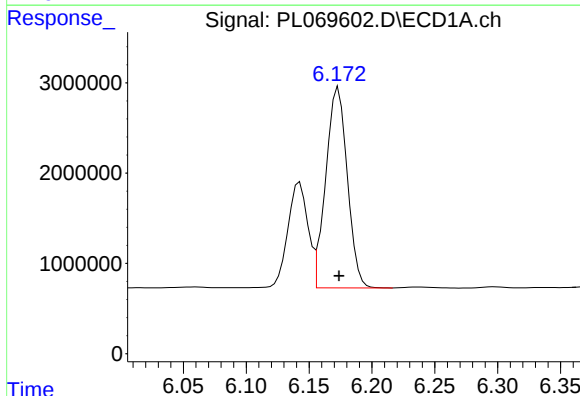
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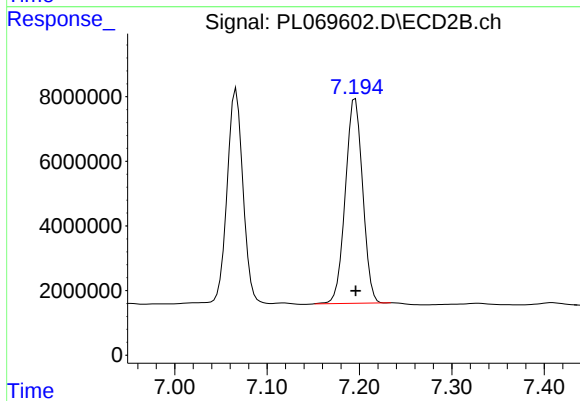
#3 gamma-BHC (Lindane)

R.T.: 6.544 min  
Delta R.T.: -0.003 min  
Response: 87903047  
Conc: 54.11 ng/ml m



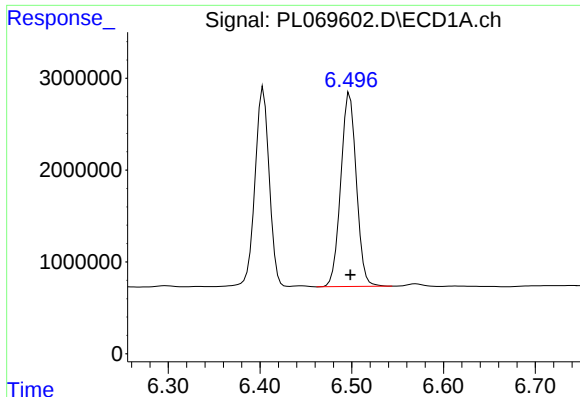
#4 Heptachlor

R.T.: 6.173 min  
Delta R.T.: 0.000 min  
Response: 26438551  
Conc: 54.09 ng/ml



#4 Heptachlor

R.T.: 7.196 min  
Delta R.T.: 0.000 min  
Response: 82446133  
Conc: 51.77 ng/ml



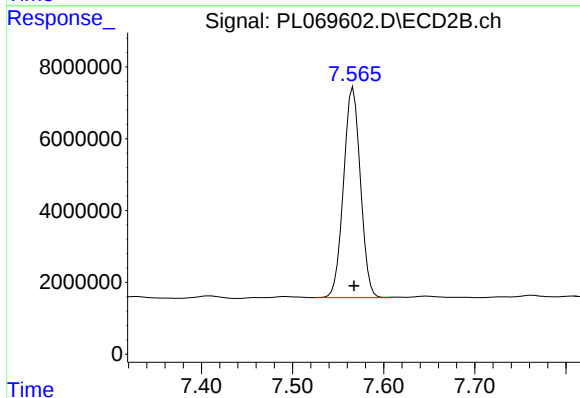
#5 Aldrin

R.T.: 6.498 min  
Delta R.T.: 0.000 min  
Response: 24831055  
Conc: 54.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-2MS

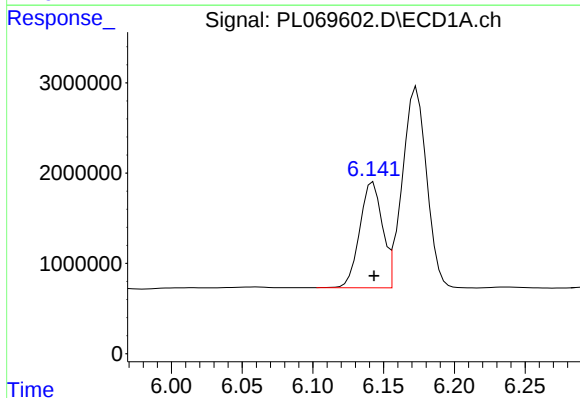
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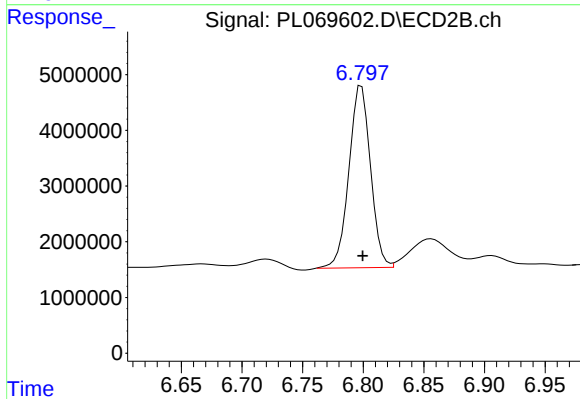
#5 Aldrin

R.T.: 7.567 min  
Delta R.T.: 0.000 min  
Response: 75424222  
Conc: 51.39 ng/ml



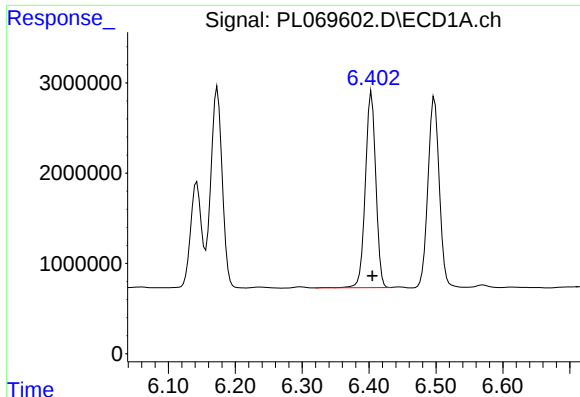
#6 beta-BHC

R.T.: 6.143 min  
Delta R.T.: 0.000 min  
Response: 12974181  
Conc: 54.06 ng/ml



#6 beta-BHC

R.T.: 6.799 min  
Delta R.T.: -0.001 min  
Response: 40514717  
Conc: 46.63 ng/ml



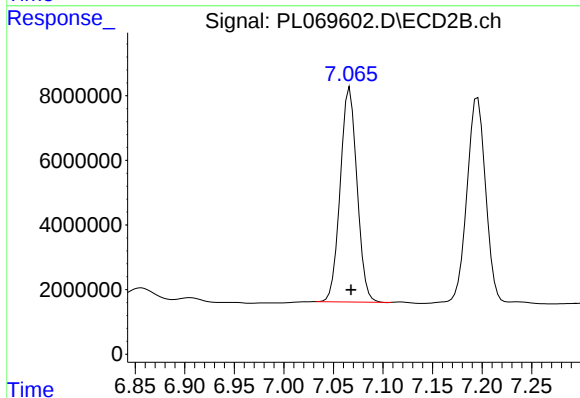
#7 delta-BHC

R.T.: 6.404 min  
Delta R.T.: -0.001 min  
Response: 23424711  
Conc: 51.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-2MS

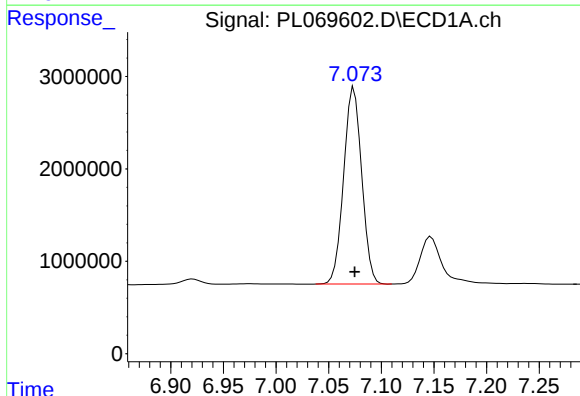
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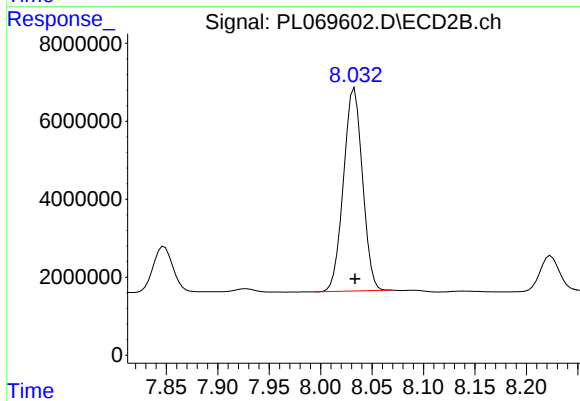
#7 delta-BHC

R.T.: 7.067 min  
Delta R.T.: -0.001 min  
Response: 78072366  
Conc: 48.79 ng/ml



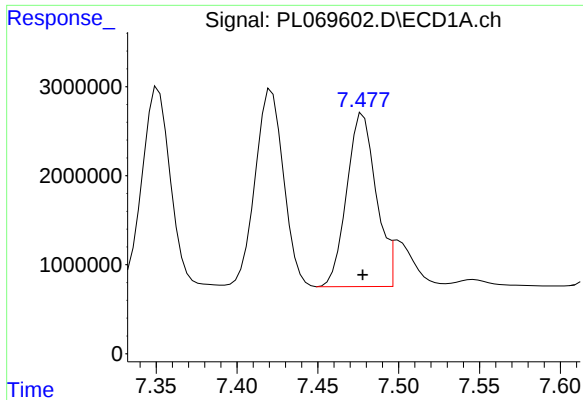
#8 Heptachlor epoxide

R.T.: 7.074 min  
Delta R.T.: 0.000 min  
Response: 25521690  
Conc: 52.80 ng/ml



#8 Heptachlor epoxide

R.T.: 8.033 min  
Delta R.T.: 0.000 min  
Response: 66963681  
Conc: 49.57 ng/ml



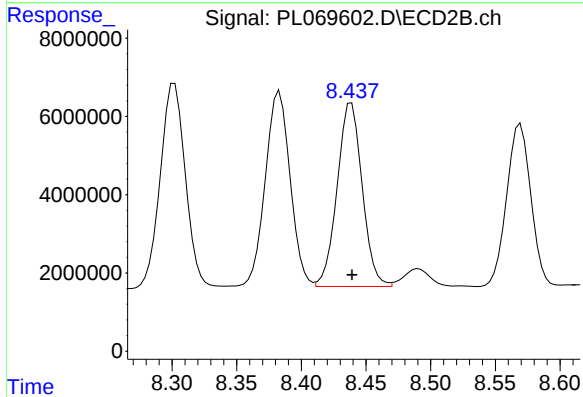
#9 Endosulfan I

R.T.: 7.477 min  
Delta R.T.: -0.001 min  
Response: 25499699  
Conc: 53.93 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
S-2MS

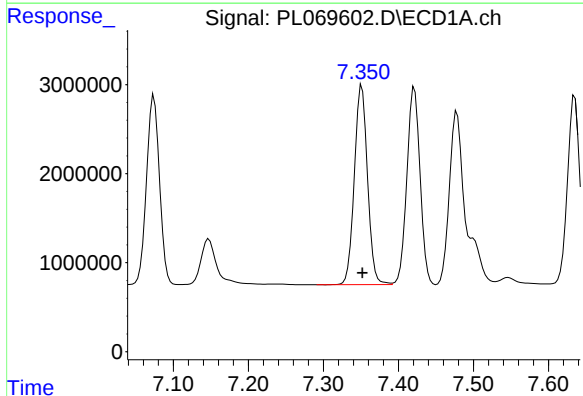
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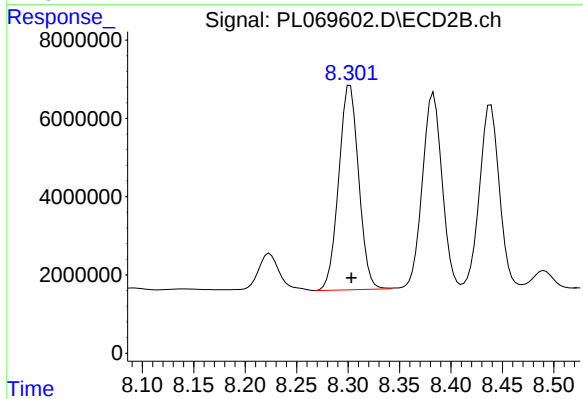
#9 Endosulfan I

R.T.: 8.439 min  
Delta R.T.: 0.000 min  
Response: 63166991  
Conc: 49.14 ng/ml



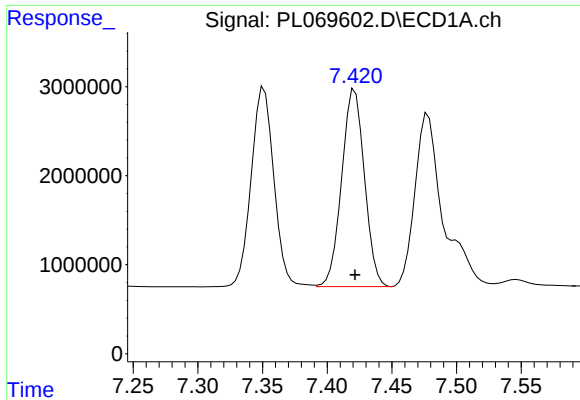
#10 gamma-Chlordane

R.T.: 7.351 min  
Delta R.T.: 0.000 min  
Response: 27357397  
Conc: 53.33 ng/ml



#10 gamma-Chlordane

R.T.: 8.301 min  
Delta R.T.: -0.003 min  
Response: 70696090  
Conc: 50.90 ng/ml m



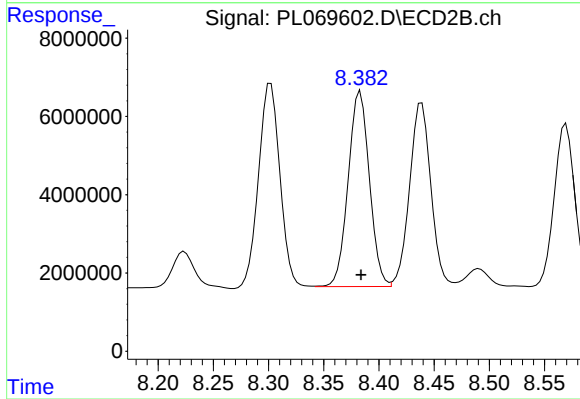
#11 alpha-Chlordane

R.T.: 7.421 min  
Delta R.T.: 0.000 min  
Response: 27118718  
Conc: 52.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-2MS

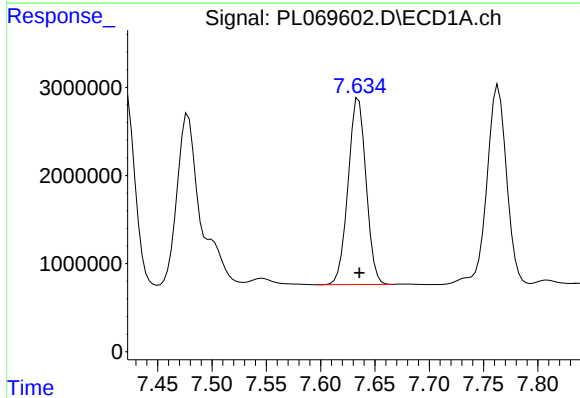
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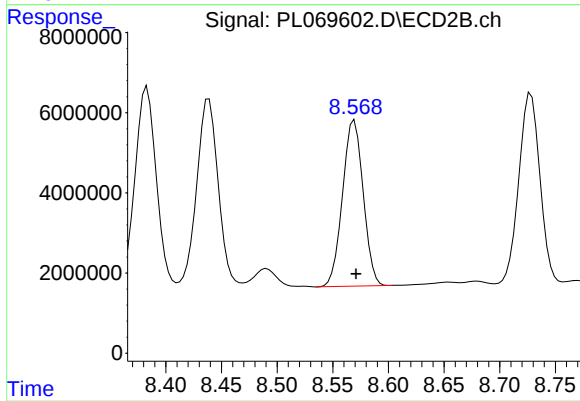
#11 alpha-Chlordane

R.T.: 8.383 min  
Delta R.T.: 0.000 min  
Response: 66761966  
Conc: 48.79 ng/ml



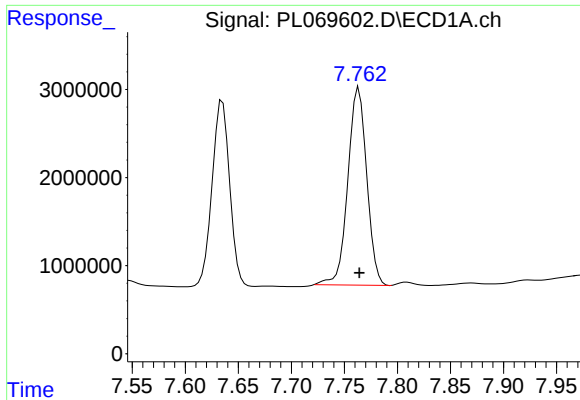
#12 4,4'-DDE

R.T.: 7.635 min  
Delta R.T.: 0.000 min  
Response: 24355294  
Conc: 54.04 ng/ml



#12 4,4'-DDE

R.T.: 8.569 min  
Delta R.T.: -0.002 min  
Response: 53424149  
Conc: 40.33 ng/ml



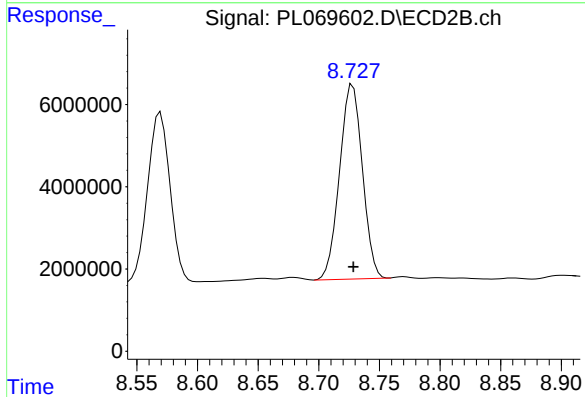
#13 Dieldrin

R.T.: 7.764 min  
Delta R.T.: 0.000 min  
Response: 27793011  
Conc: 56.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-2MS

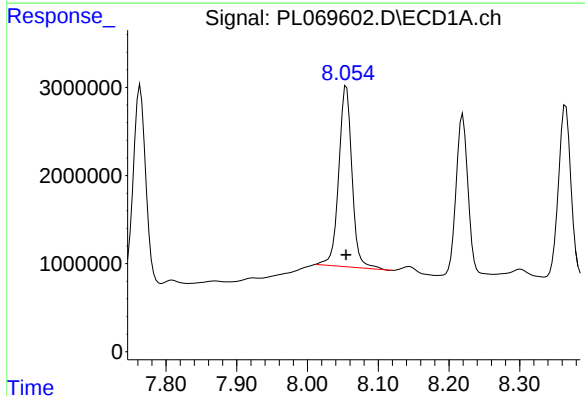
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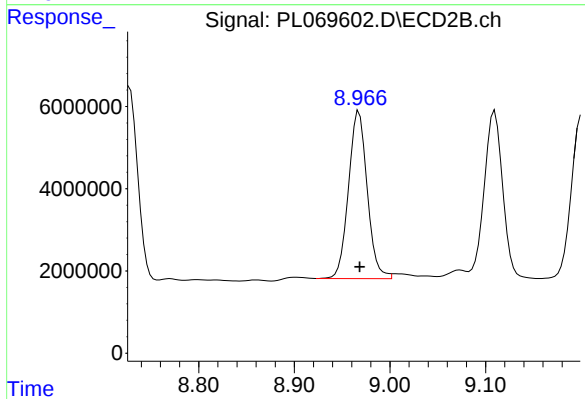
#13 Dieldrin

R.T.: 8.728 min  
Delta R.T.: 0.000 min  
Response: 61983480  
Conc: 46.93 ng/ml



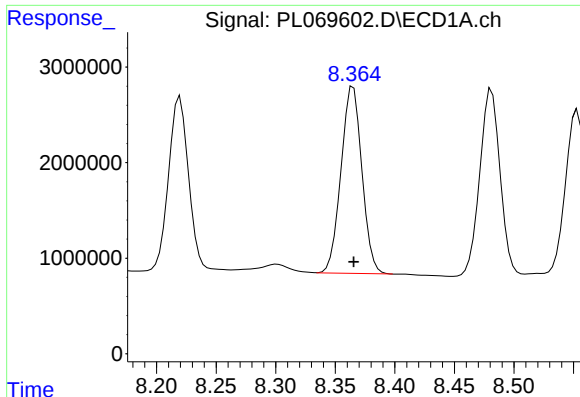
#14 Endrin

R.T.: 8.055 min  
Delta R.T.: 0.000 min  
Response: 26815586  
Conc: 56.19 ng/ml



#14 Endrin

R.T.: 8.966 min  
Delta R.T.: -0.002 min  
Response: 55688964  
Conc: 49.96 ng/ml m



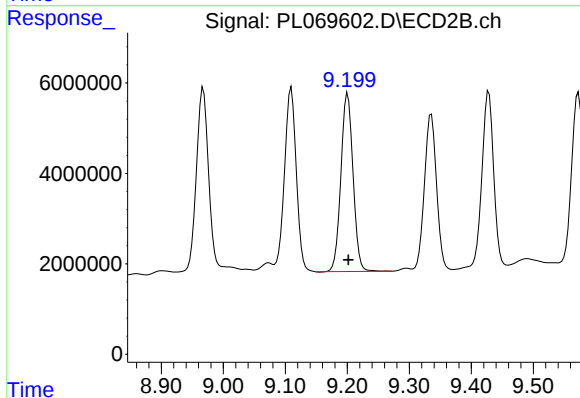
#15 Endosulfan II

R.T.: 8.364 min  
Delta R.T.: -0.002 min  
Response: 23913173  
Conc: 48.63 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
S-2MS

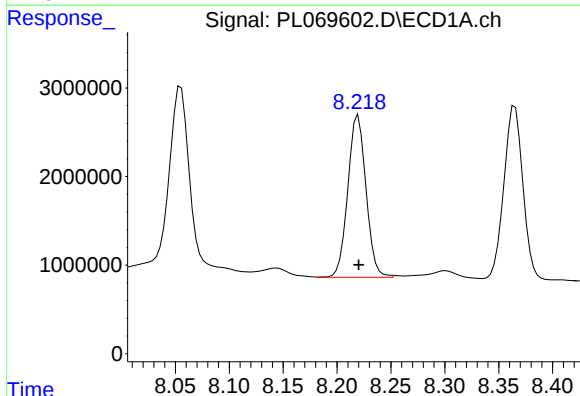
Manual Integrations  
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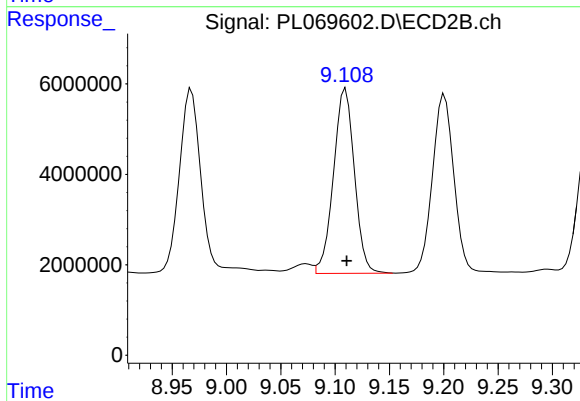
#15 Endosulfan II

R.T.: 9.201 min  
Delta R.T.: -0.001 min  
Response: 53707481  
Conc: 47.19 ng/ml



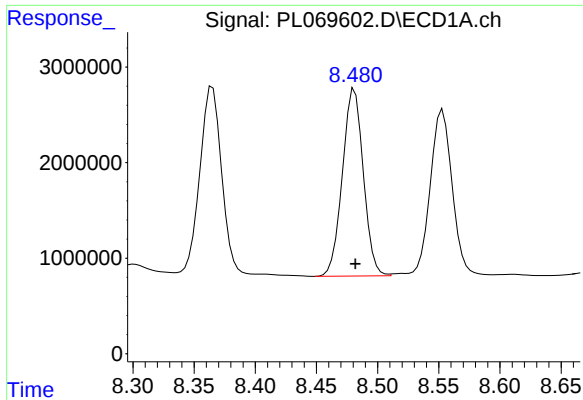
#16 4,4'-DDD

R.T.: 8.218 min  
Delta R.T.: -0.002 min  
Response: 21497227  
Conc: 53.25 ng/ml m



#16 4,4'-DDD

R.T.: 9.108 min  
Delta R.T.: -0.002 min  
Response: 54698094  
Conc: 50.29 ng/ml m



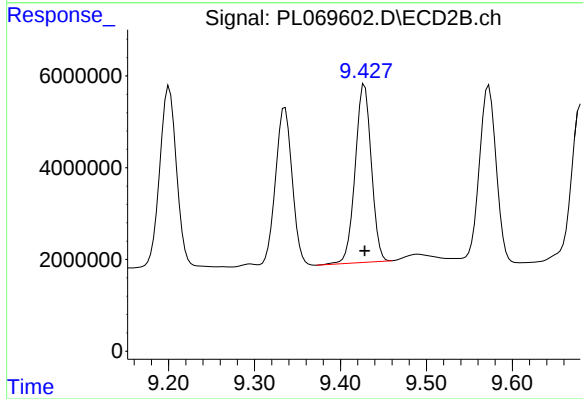
#17 4,4'-DDT

R.T.: 8.481 min  
Delta R.T.: 0.000 min  
Response: 23304803  
Conc: 50.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-2MS

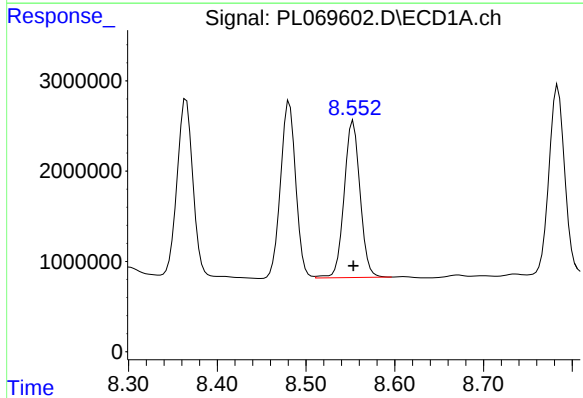
Manual Integrations  
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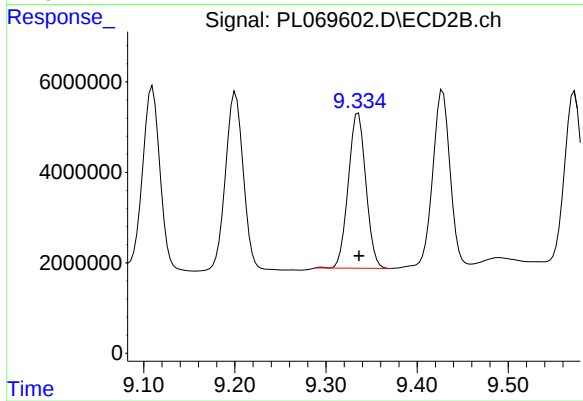
#17 4,4'-DDT

R.T.: 9.428 min  
Delta R.T.: 0.000 min  
Response: 50588411  
Conc: 46.42 ng/ml



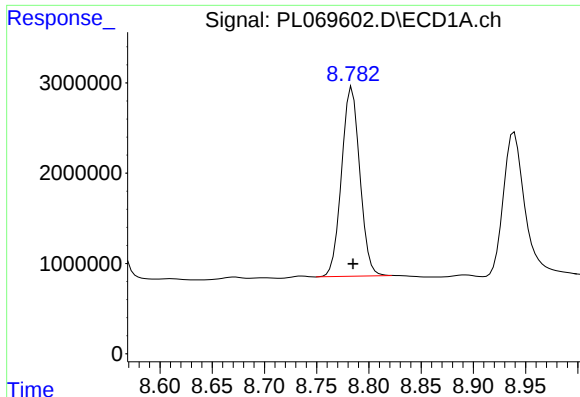
#18 Endrin aldehyde

R.T.: 8.553 min  
Delta R.T.: 0.000 min  
Response: 21619730  
Conc: 50.53 ng/ml



#18 Endrin aldehyde

R.T.: 9.335 min  
Delta R.T.: 0.000 min  
Response: 45955270  
Conc: 47.31 ng/ml



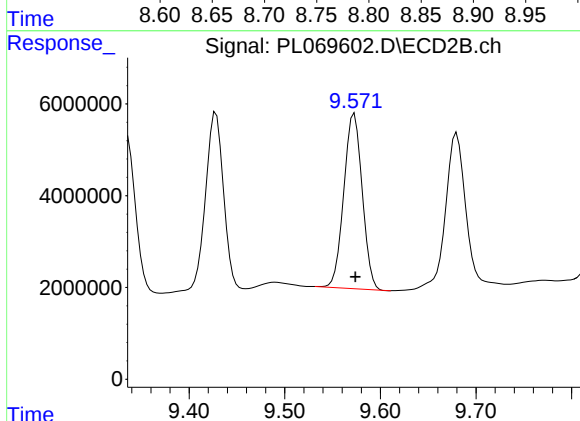
#19 Endosulfan Sulfate

R.T.: 8.784 min  
Delta R.T.: 0.000 min  
Response: 25570608  
Conc: 48.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-2MS

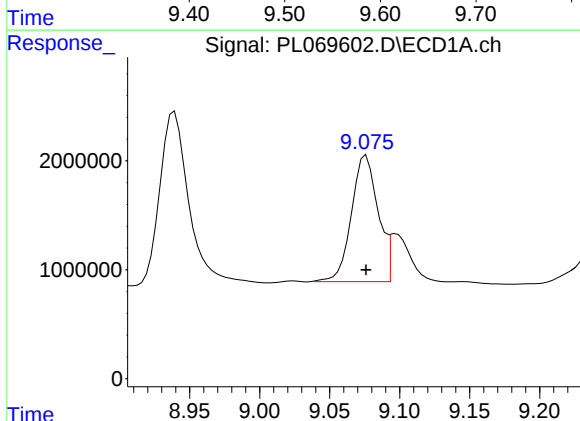
Manual Integrations  
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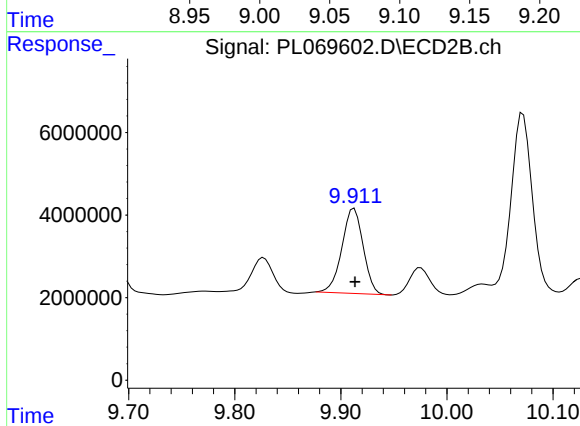
#19 Endosulfan Sulfate

R.T.: 9.573 min  
Delta R.T.: -0.001 min  
Response: 51273201  
Conc: 46.45 ng/ml



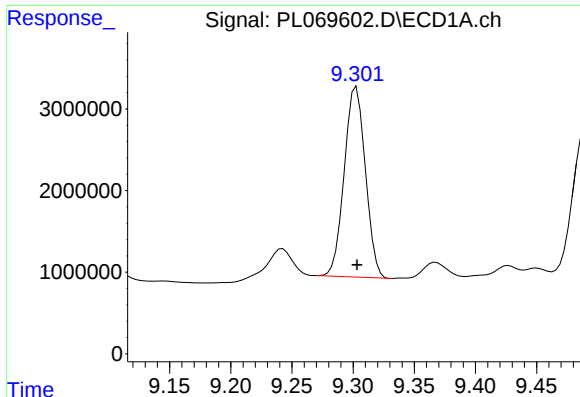
#20 Methoxychlor

R.T.: 9.075 min  
Delta R.T.: -0.001 min  
Response: 16001238  
Conc: 51.92 ng/ml m



#20 Methoxychlor

R.T.: 9.913 min  
Delta R.T.: 0.000 min  
Response: 28678856  
Conc: 49.58 ng/ml



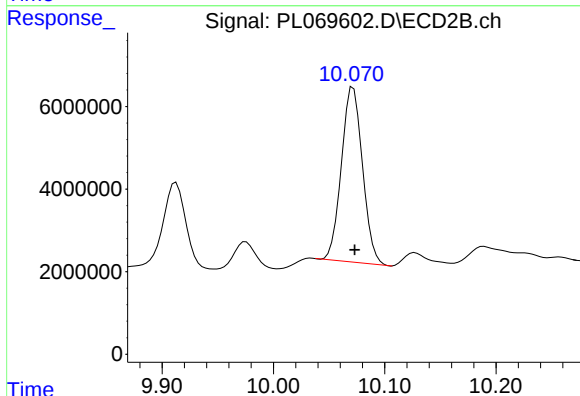
#21 Endrin ketone

R.T.: 9.303 min  
Delta R.T.: 0.000 min  
Response: 28092587  
Conc: 46.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-2MS

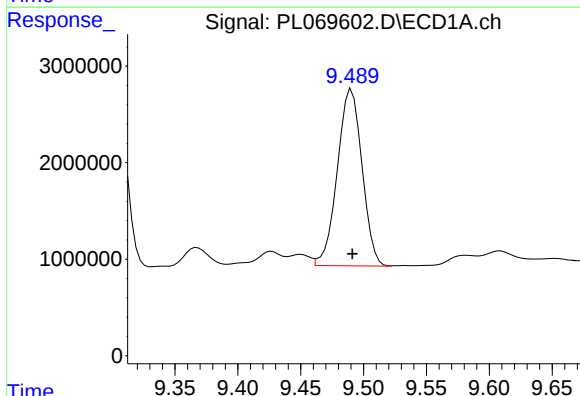
Manual Integrations  
APPROVED

Ankita  
8/31/2021 10:39:53 AM



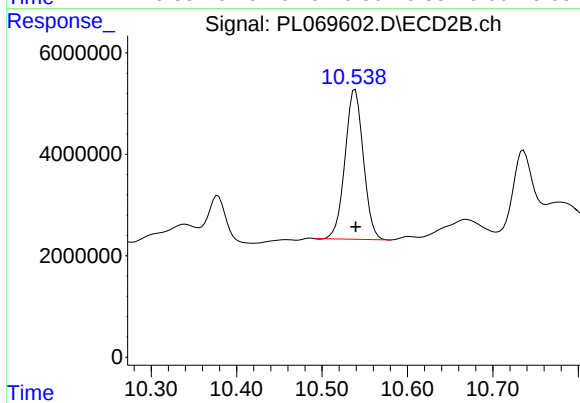
#21 Endrin ketone

R.T.: 10.072 min  
Delta R.T.: -0.001 min  
Response: 55936983  
Conc: 47.10 ng/ml



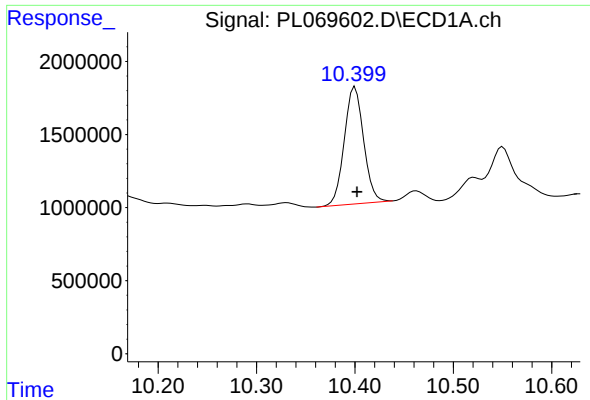
#22 Mirex

R.T.: 9.489 min  
Delta R.T.: -0.002 min  
Response: 24976123  
Conc: 45.95 ng/ml m



#22 Mirex

R.T.: 10.539 min  
Delta R.T.: 0.000 min  
Response: 44018806  
Conc: 49.05 ng/ml



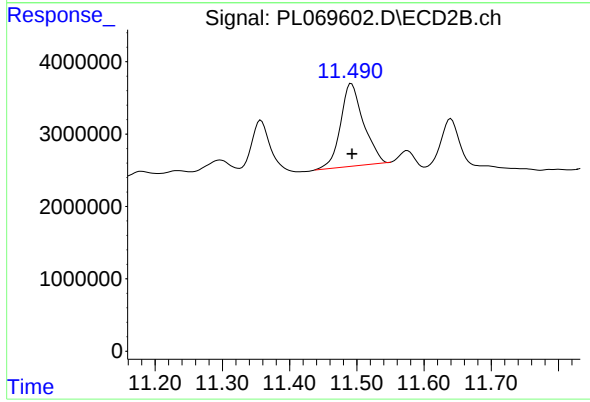
#28 Decachlorobiphenyl

R.T.: 10.400 min  
Delta R.T.: -0.002 min  
Response: 10919338  
Conc: 18.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-2MS

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 11.492 min  
Delta R.T.: 0.000 min  
Response: 27198899  
Conc: 24.10 ng/ml