

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL083021\  
 Data File : PL069606.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Aug 2021 04:58  
 Operator : AR\AJ  
 Sample : M3528-01MSD 10X  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PT-3-082421MSD

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 31 06:25:58 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  | 5.567  | 913873  | 3143391 | 2.936  | 2.499m |
| 28)                         | SA Decachlor... | 10.400 | 11.491 | 1981009 | 3901009 | 3.359  | 3.457  |
| Target Compounds            |                 |        |        |         |         |        |        |
| 2)                          | A alpha-BHC     | 5.340  | 6.149  | 2427280 | 9116624 | 5.834  | 5.232  |
| 3)                          | MA gamma-BHC... | 5.763  | 6.546  | 2862520 | 9033482 | 6.547  | 5.561  |
| 4)                          | MA Heptachlor   | 6.173  | 7.195  | 3189742 | 8947250 | 6.526  | 5.618  |
| 5)                          | MB Aldrin       | 6.498  | 7.566  | 2960294 | 7959117 | 6.519  | 5.423  |
| 6)                          | B beta-BHC      | 6.143  | 6.799  | 1836070 | 6204885 | 7.651  | 7.141  |
| 7)                          | B delta-BHC     | 6.404  | 7.066  | 2569079 | 7989709 | 5.598  | 4.993  |
| 8)                          | B Heptachlo...  | 7.073  | 8.033  | 3160607 | 7718631 | 6.539m | 5.713  |
| 9)                          | A Endosulfan I  | 7.476  | 8.438  | 3081592 | 6758023 | 6.518m | 5.257  |
| 10)                         | B gamma-Chl...  | 7.350  | 8.300  | 3433796 | 8463185 | 6.694m | 6.093m |
| 11)                         | B alpha-Chl...  | 7.421  | 8.383  | 3422341 | 7637320 | 6.586  | 5.581  |
| 12)                         | B 4,4'-DDE      | 7.633  | 8.569  | 2736659 | 6096139 | 6.072m | 4.602  |
| 13)                         | MA Dieldrin     | 7.764  | 8.727  | 3113609 | 7054560 | 6.296  | 5.341  |
| 14)                         | MA Endrin       | 8.054  | 8.967  | 3462122 | 6408155 | 7.255  | 5.749  |
| 15)                         | B Endosulfa...  | 8.365  | 9.201  | 3084215 | 6526533 | 6.272  | 5.734  |
| 16)                         | A 4,4'-DDD      | 8.219  | 9.109  | 2372663 | 7064676 | 5.878m | 6.495  |
| 17)                         | MA 4,4'-DDT     | 8.481  | 9.428  | 2583172 | 5681047 | 5.558  | 5.213  |
| 18)                         | B Endrin al...  | 8.553  | 9.336  | 2367993 | 4889967 | 5.534  | 5.034  |
| 19)                         | B Endosulfa...  | 8.784  | 9.573  | 3241269 | 5964388 | 6.126  | 5.403  |
| 20)                         | A Methoxychlor  | 9.075  | 9.913  | 1764397 | 2853815 | 5.725  | 4.933  |
| 21)                         | B Endrin ke...  | 9.303  | 10.072 | 3254434 | 7273874 | 5.421  | 6.124  |
| 22)                         | Mirex           | 9.489  | 10.540 | 3329006 | 6059170 | 6.124m | 6.752  |
| -----                       |                 |        |        |         |         |        |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL083021\  
Data File : PL069606.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Aug 2021 04:58  
Operator : AR\AJ  
Sample : M3528-01MSD 10X  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

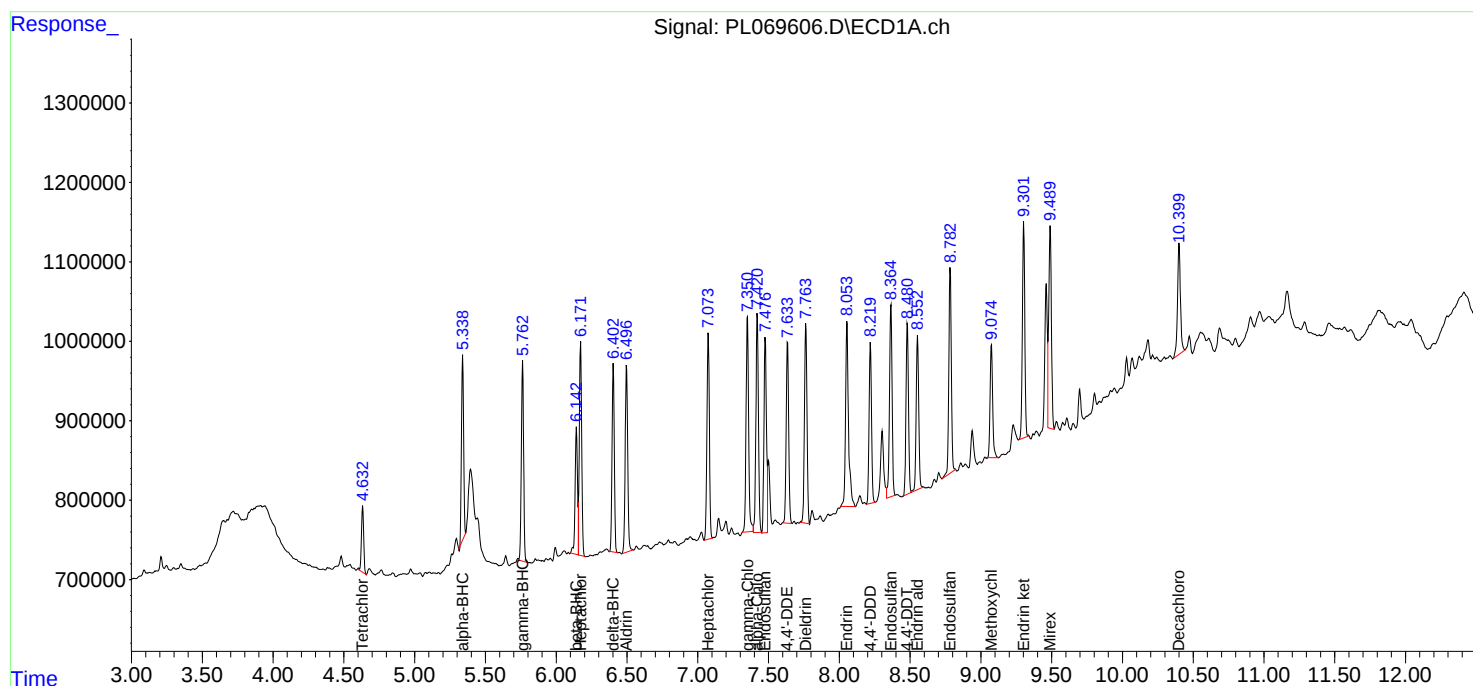
Instrument :  
ECD\_L  
ClientSampled :  
PT-3-082421MSD

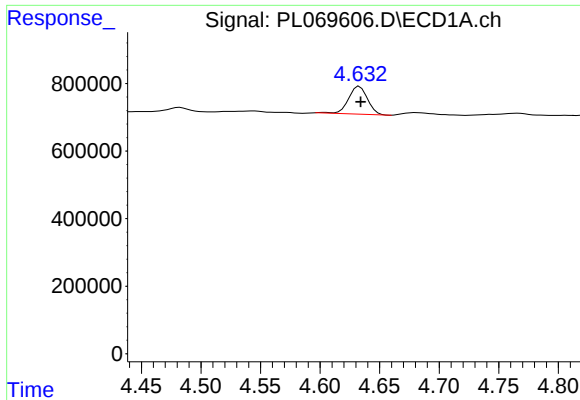
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 31 06:25:58 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL083021.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 31 01:49:30 2021  
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





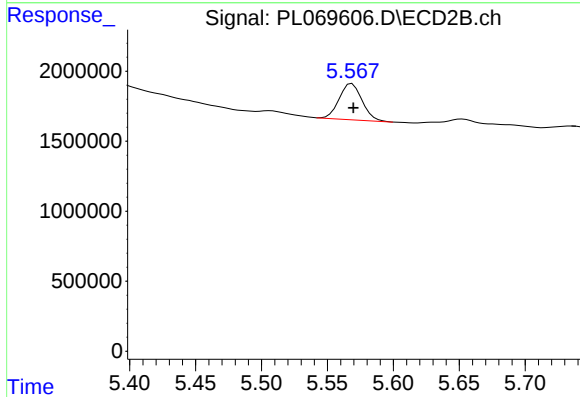
#1 Tetrachloro-m-xylene

R.T.: 4.633 min  
Delta R.T.: 0.000 min  
Response: 913873  
Conc: 2.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-3-082421MSD

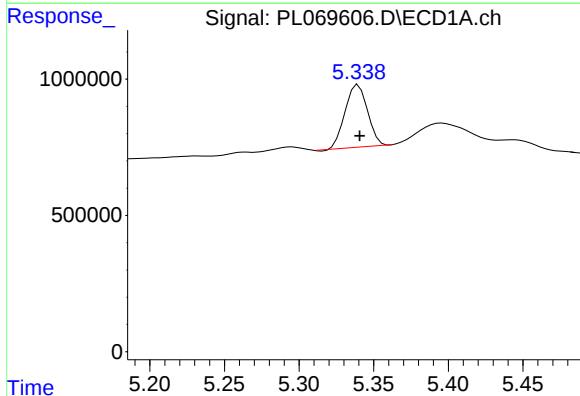
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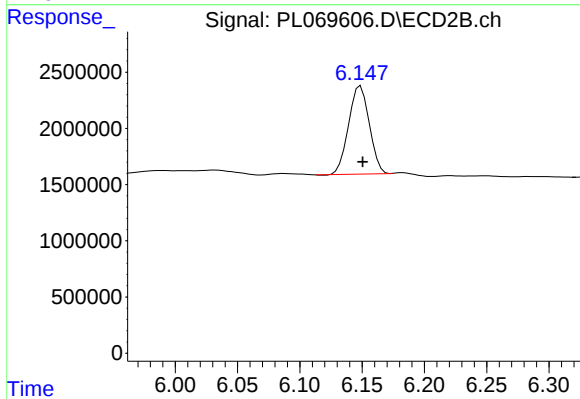
#1 Tetrachloro-m-xylene

R.T.: 5.567 min  
Delta R.T.: -0.003 min  
Response: 3143391  
Conc: 2.50 ng/ml m



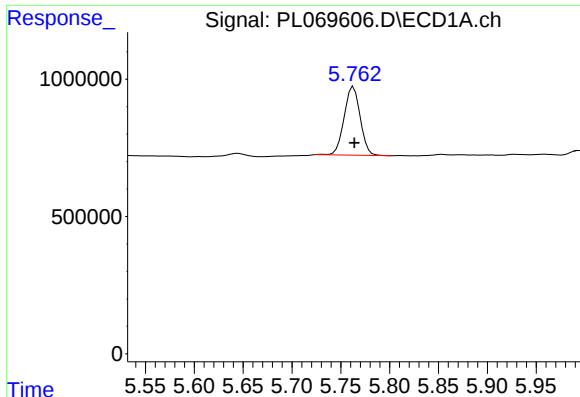
#2 alpha-BHC

R.T.: 5.340 min  
Delta R.T.: 0.000 min  
Response: 2427280  
Conc: 5.83 ng/ml



#2 alpha-BHC

R.T.: 6.149 min  
Delta R.T.: -0.002 min  
Response: 9116624  
Conc: 5.23 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 5.763 min

Delta R.T.: 0.000 min

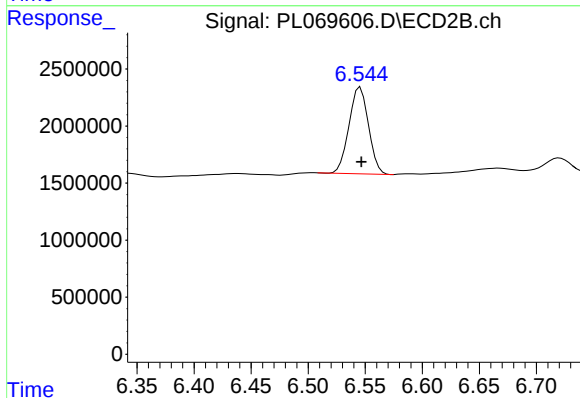
Response: 2862520

Conc: 6.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-3-082421MSD

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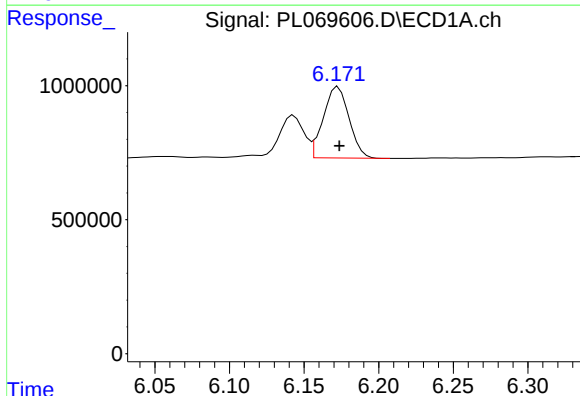
#3 gamma-BHC (Lindane)

R.T.: 6.546 min

Delta R.T.: -0.001 min

Response: 9033482

Conc: 5.56 ng/ml



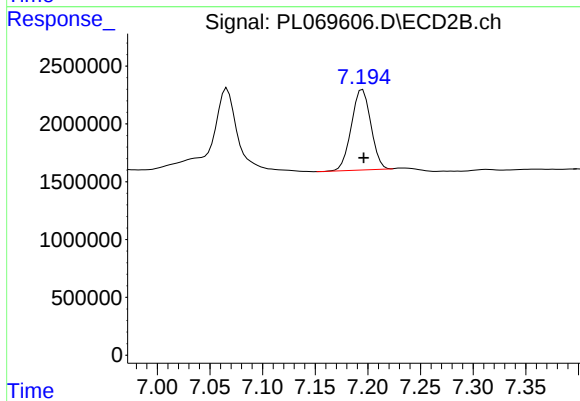
#4 Heptachlor

R.T.: 6.173 min

Delta R.T.: 0.000 min

Response: 3189742

Conc: 6.53 ng/ml



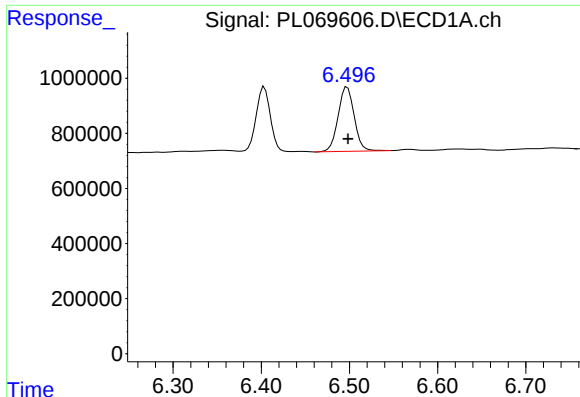
#4 Heptachlor

R.T.: 7.195 min

Delta R.T.: 0.000 min

Response: 8947250

Conc: 5.62 ng/ml



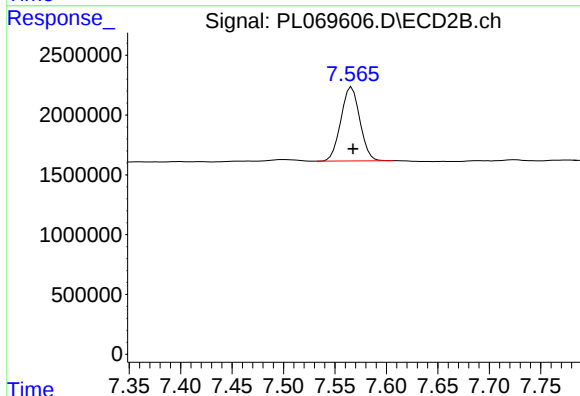
#5 Aldrin

R.T.: 6.498 min  
Delta R.T.: 0.000 min  
Response: 2960294  
Conc: 6.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-3-082421MSD

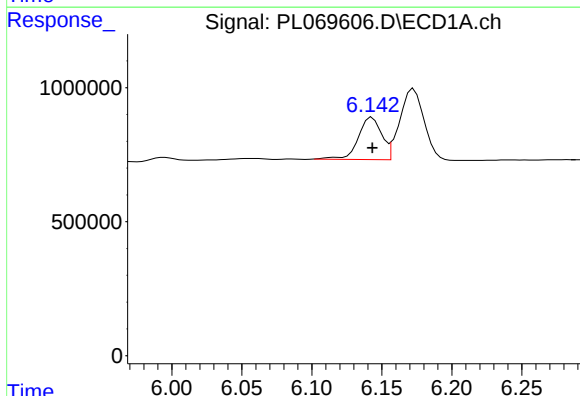
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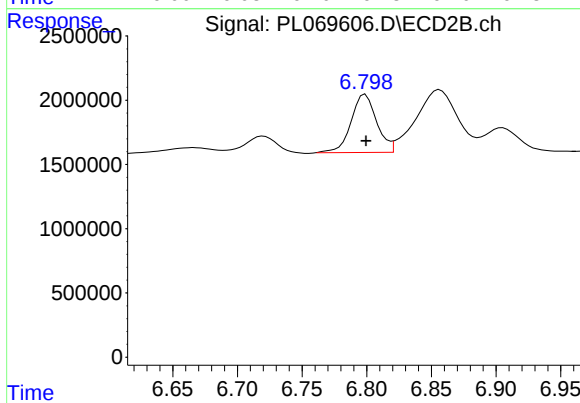
#5 Aldrin

R.T.: 7.566 min  
Delta R.T.: -0.001 min  
Response: 7959117  
Conc: 5.42 ng/ml



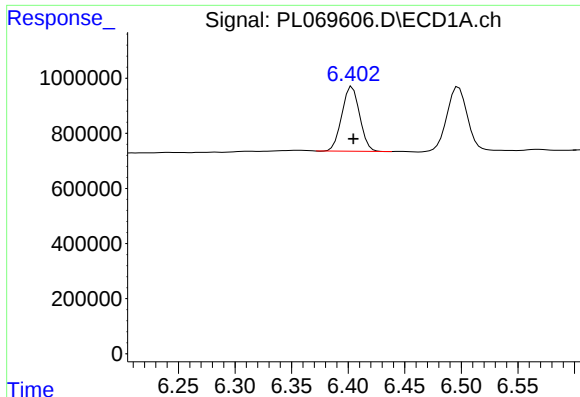
#6 beta-BHC

R.T.: 6.143 min  
Delta R.T.: 0.000 min  
Response: 1836070  
Conc: 7.65 ng/ml



#6 beta-BHC

R.T.: 6.799 min  
Delta R.T.: 0.000 min  
Response: 6204885  
Conc: 7.14 ng/ml



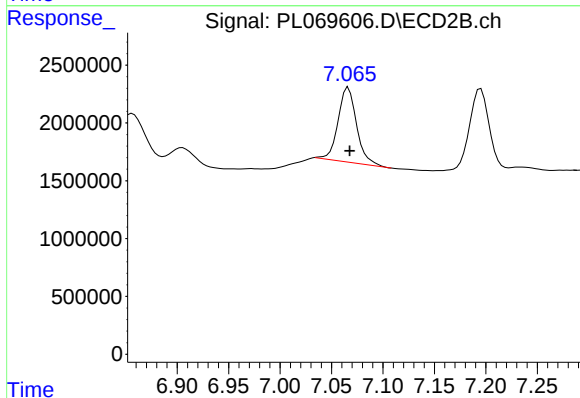
#7 delta-BHC

R.T.: 6.404 min  
Delta R.T.: -0.001 min  
Response: 2569079  
Conc: 5.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-3-082421MSD

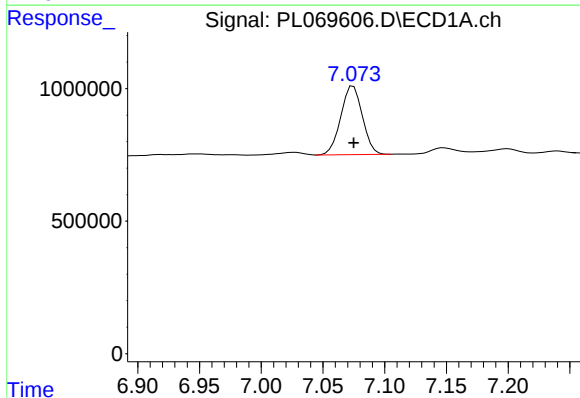
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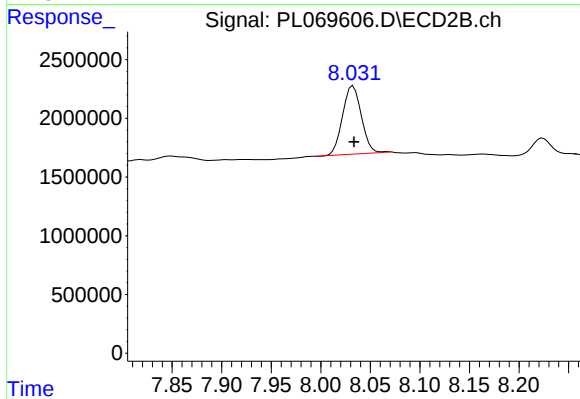
#7 delta-BHC

R.T.: 7.066 min  
Delta R.T.: -0.002 min  
Response: 7989709  
Conc: 4.99 ng/ml



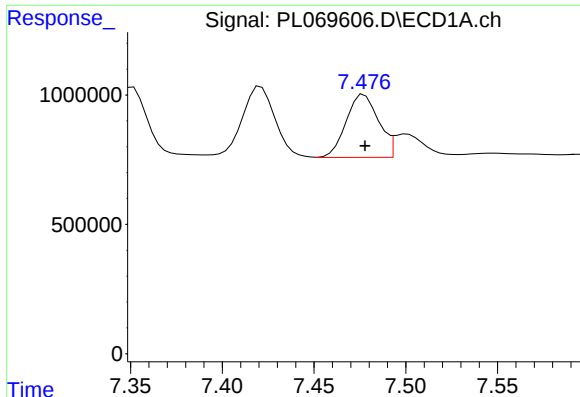
#8 Heptachlor epoxide

R.T.: 7.073 min  
Delta R.T.: -0.002 min  
Response: 3160607  
Conc: 6.54 ng/ml m



#8 Heptachlor epoxide

R.T.: 8.033 min  
Delta R.T.: 0.000 min  
Response: 7718631  
Conc: 5.71 ng/ml



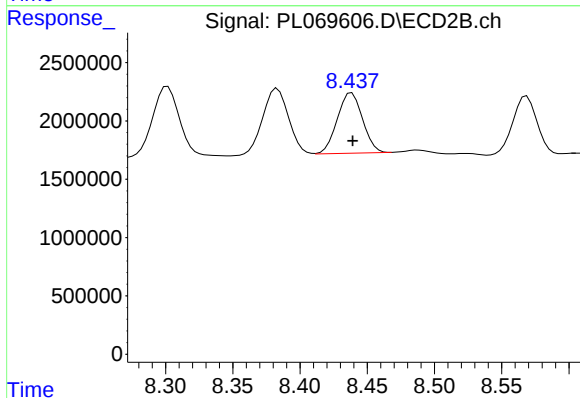
#9 Endosulfan I

R.T.: 7.476 min  
Delta R.T.: -0.002 min  
Response: 3081592  
Conc: 6.52 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PT-3-082421MSD

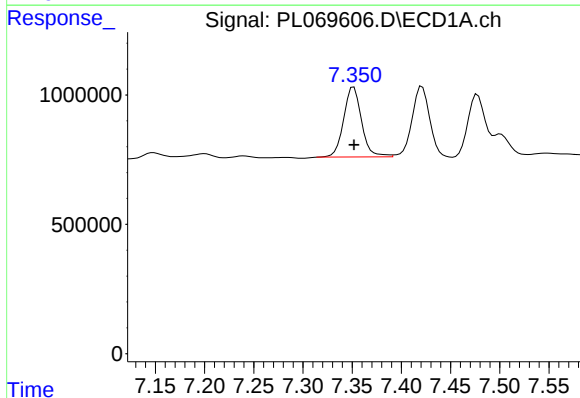
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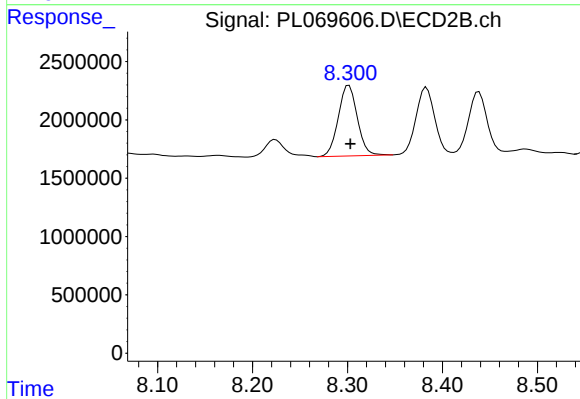
#9 Endosulfan I

R.T.: 8.438 min  
Delta R.T.: 0.000 min  
Response: 6758023  
Conc: 5.26 ng/ml



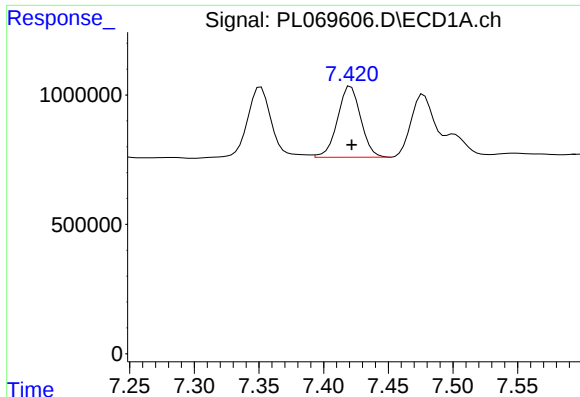
#10 gamma-Chlordane

R.T.: 7.350 min  
Delta R.T.: -0.002 min  
Response: 3433796  
Conc: 6.69 ng/ml m



#10 gamma-Chlordane

R.T.: 8.300 min  
Delta R.T.: -0.003 min  
Response: 8463185  
Conc: 6.09 ng/ml m



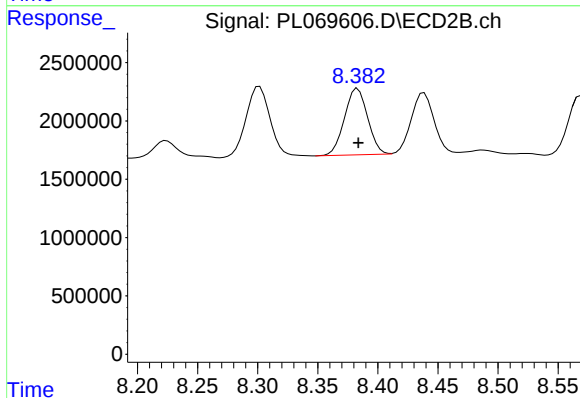
#11 alpha-Chlordane

R.T.: 7.421 min  
Delta R.T.: 0.000 min  
Response: 3422341  
Conc: 6.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-3-082421MSD

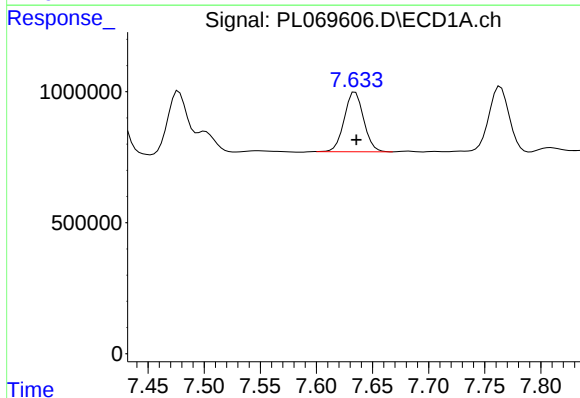
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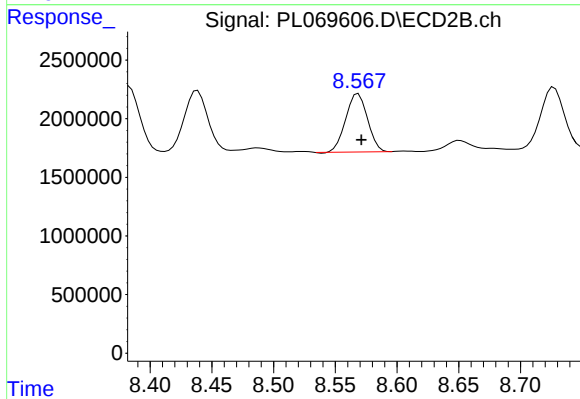
#11 alpha-Chlordane

R.T.: 8.383 min  
Delta R.T.: 0.000 min  
Response: 7637320  
Conc: 5.58 ng/ml



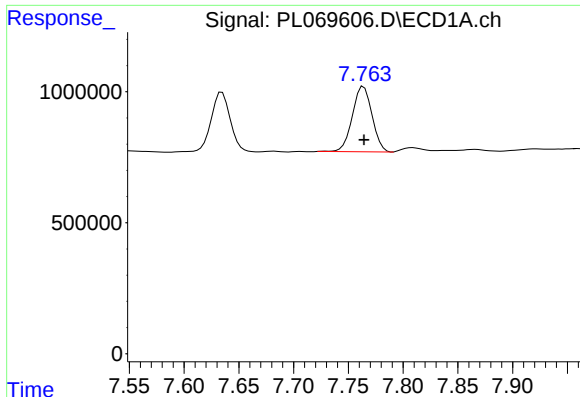
#12 4,4'-DDE

R.T.: 7.633 min  
Delta R.T.: -0.002 min  
Response: 2736659  
Conc: 6.07 ng/ml m



#12 4,4'-DDE

R.T.: 8.569 min  
Delta R.T.: -0.002 min  
Response: 6096139  
Conc: 4.60 ng/ml



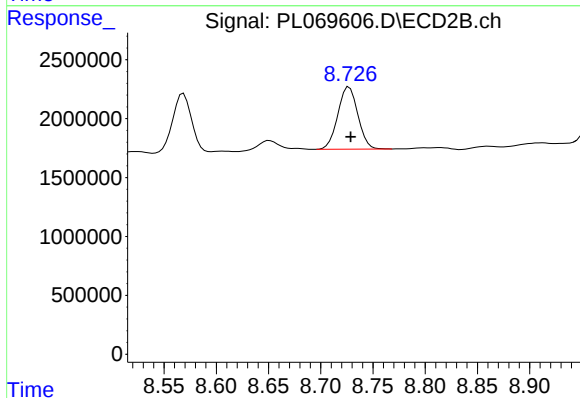
#13 Dieldrin

R.T.: 7.764 min  
Delta R.T.: 0.000 min  
Response: 3113609  
Conc: 6.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-3-082421MSD

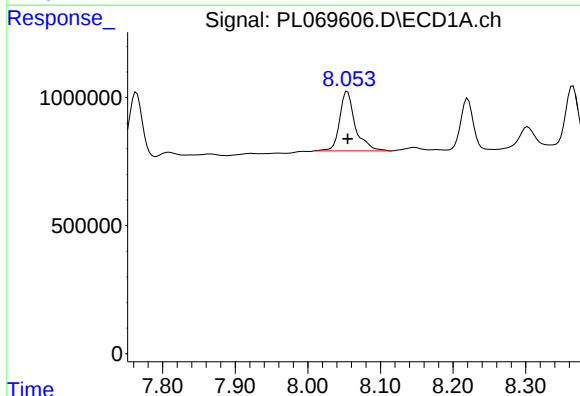
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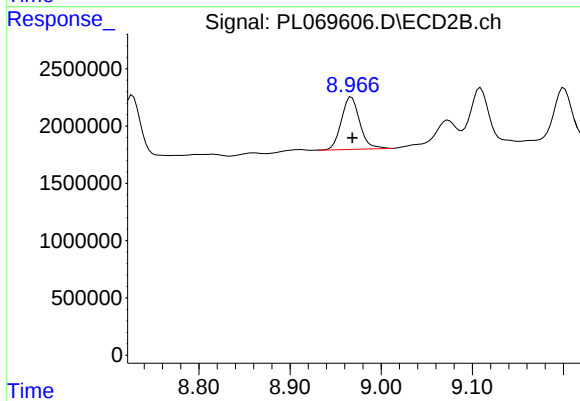
#13 Dieldrin

R.T.: 8.727 min  
Delta R.T.: -0.002 min  
Response: 7054560  
Conc: 5.34 ng/ml



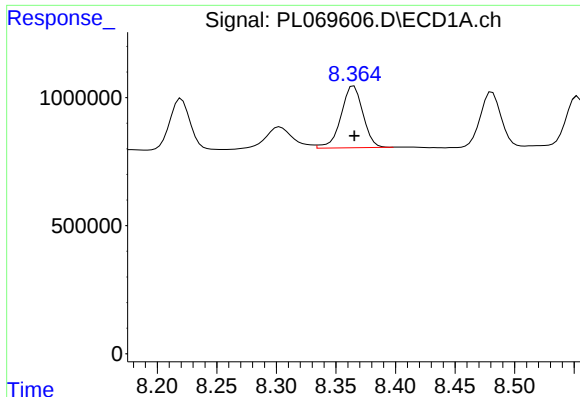
#14 Endrin

R.T.: 8.054 min  
Delta R.T.: 0.000 min  
Response: 3462122  
Conc: 7.26 ng/ml



#14 Endrin

R.T.: 8.967 min  
Delta R.T.: 0.000 min  
Response: 6408155  
Conc: 5.75 ng/ml



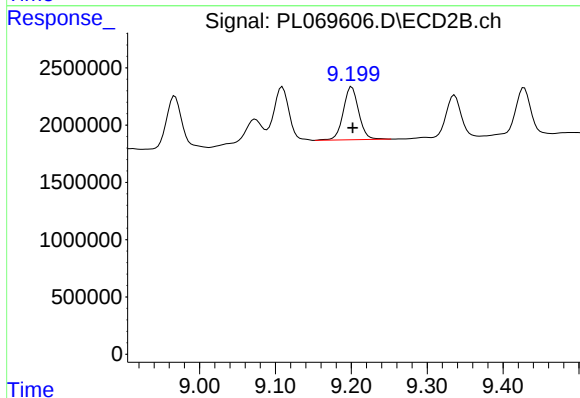
#15 Endosulfan II

R.T.: 8.365 min  
Delta R.T.: 0.000 min  
Response: 3084215  
Conc: 6.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-3-082421MSD

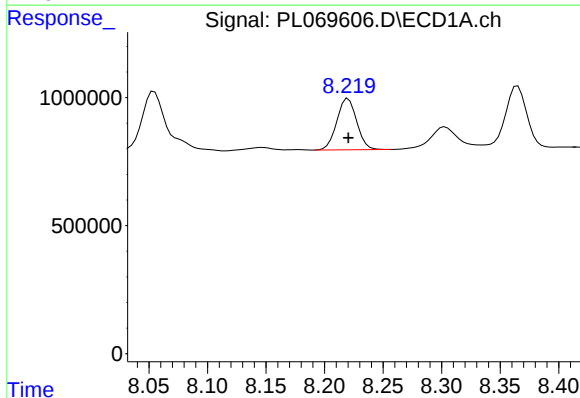
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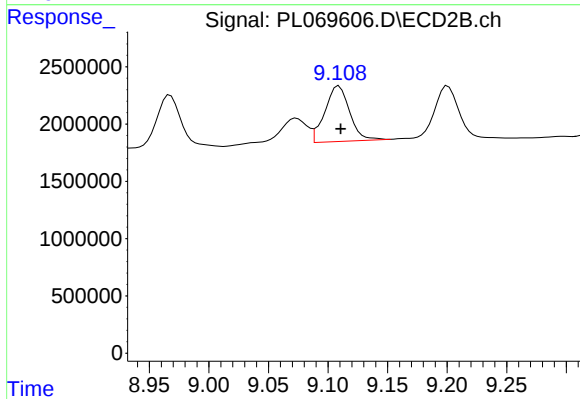
#15 Endosulfan II

R.T.: 9.201 min  
Delta R.T.: -0.001 min  
Response: 6526533  
Conc: 5.73 ng/ml



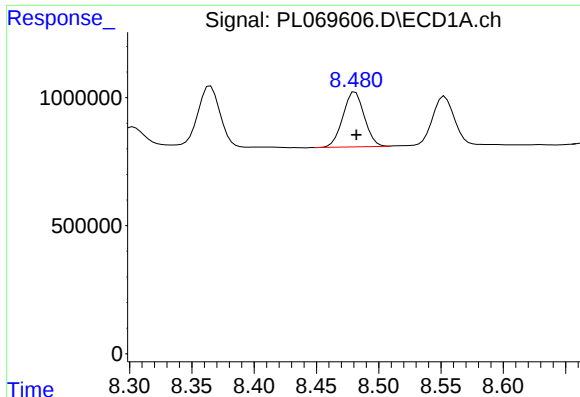
#16 4,4'-DDD

R.T.: 8.219 min  
Delta R.T.: -0.001 min  
Response: 2372663  
Conc: 5.88 ng/ml m



#16 4,4'-DDD

R.T.: 9.109 min  
Delta R.T.: -0.001 min  
Response: 7064676  
Conc: 6.49 ng/ml



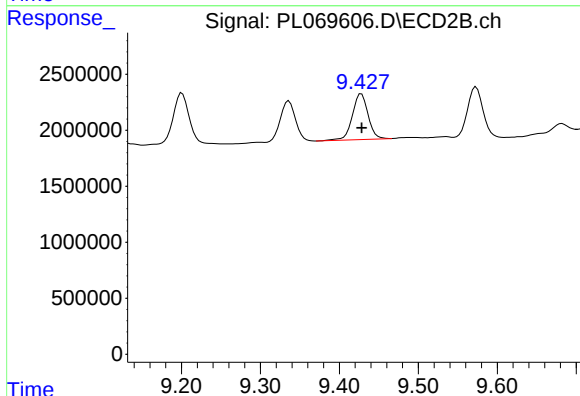
#17 4,4'-DDT

R.T.: 8.481 min  
Delta R.T.: 0.000 min  
Response: 2583172  
Conc: 5.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-3-082421MSD

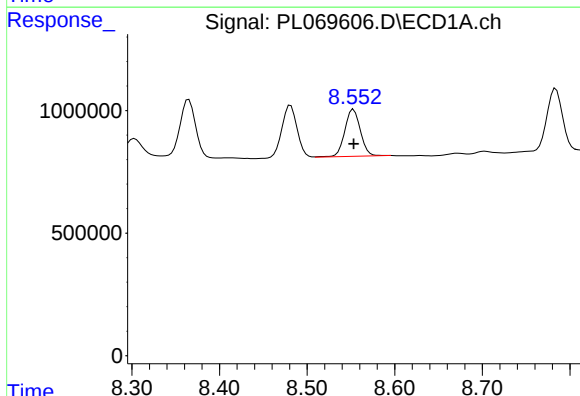
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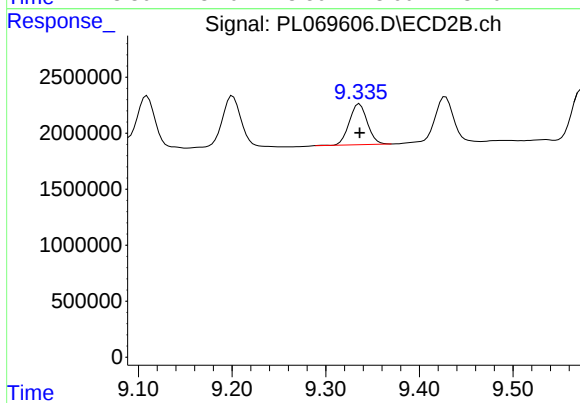
#17 4,4'-DDT

R.T.: 9.428 min  
Delta R.T.: 0.000 min  
Response: 5681047  
Conc: 5.21 ng/ml



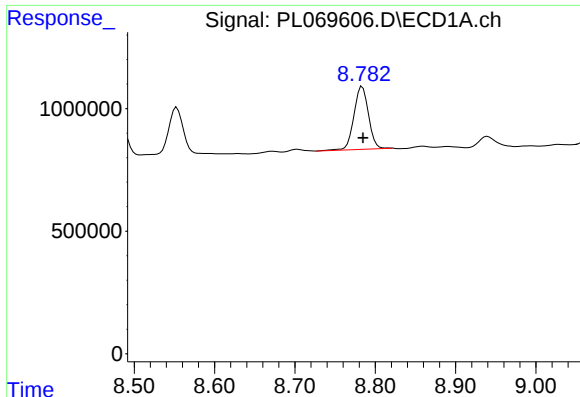
#18 Endrin aldehyde

R.T.: 8.553 min  
Delta R.T.: 0.000 min  
Response: 2367993  
Conc: 5.53 ng/ml



#18 Endrin aldehyde

R.T.: 9.336 min  
Delta R.T.: 0.000 min  
Response: 4889967  
Conc: 5.03 ng/ml



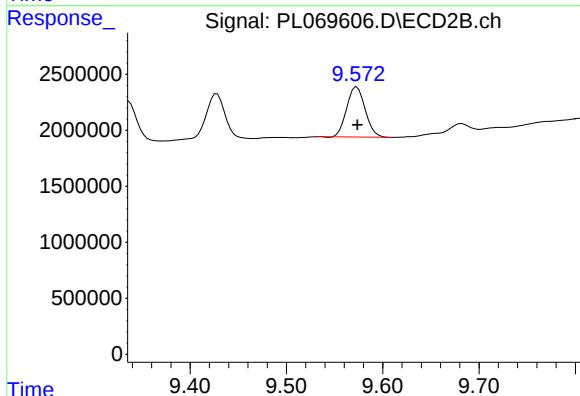
#19 Endosulfan Sulfate

R.T.: 8.784 min  
Delta R.T.: 0.000 min  
Response: 3241269  
Conc: 6.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-3-082421MSD

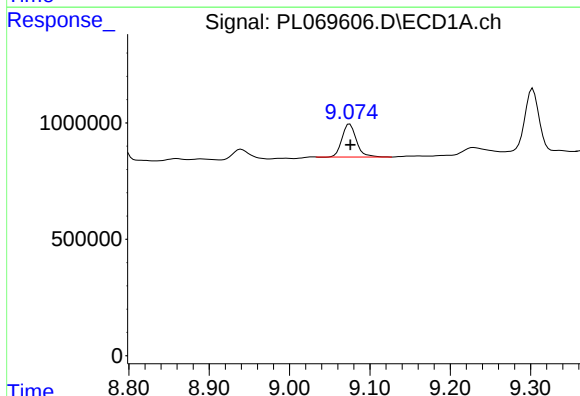
Manual Integrations  
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8/31/2021 10:39:57 AM



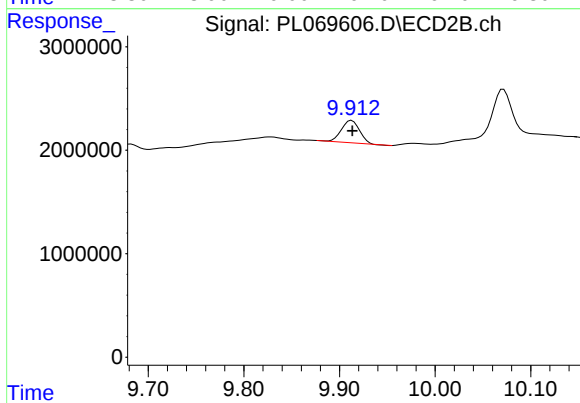
#19 Endosulfan Sulfate

R.T.: 9.573 min  
Delta R.T.: 0.000 min  
Response: 5964388  
Conc: 5.40 ng/ml



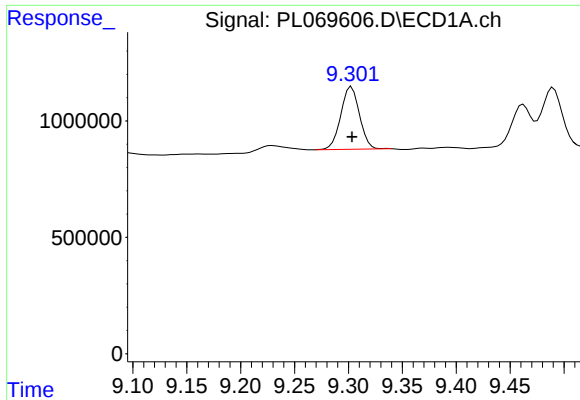
#20 Methoxychlor

R.T.: 9.075 min  
Delta R.T.: 0.000 min  
Response: 1764397  
Conc: 5.73 ng/ml



#20 Methoxychlor

R.T.: 9.913 min  
Delta R.T.: 0.000 min  
Response: 2853815  
Conc: 4.93 ng/ml



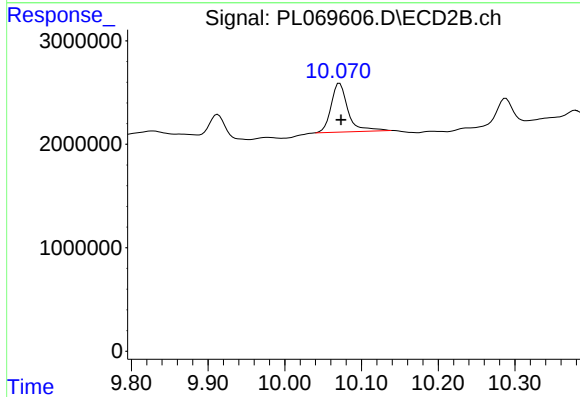
#21 Endrin ketone

R.T.: 9.303 min  
Delta R.T.: 0.000 min  
Response: 3254434  
Conc: 5.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-3-082421MSD

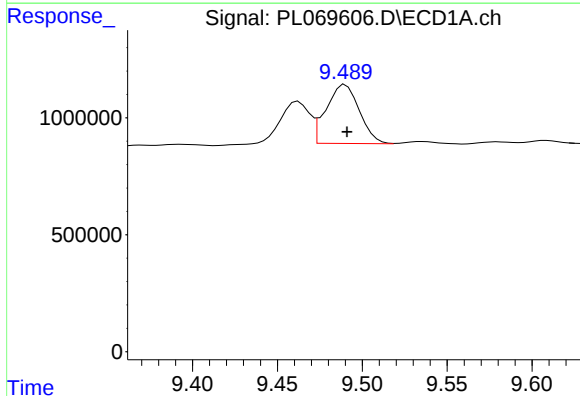
Manual Integrations  
APPROVED

Ankita  
8/31/2021 10:39:57 AM



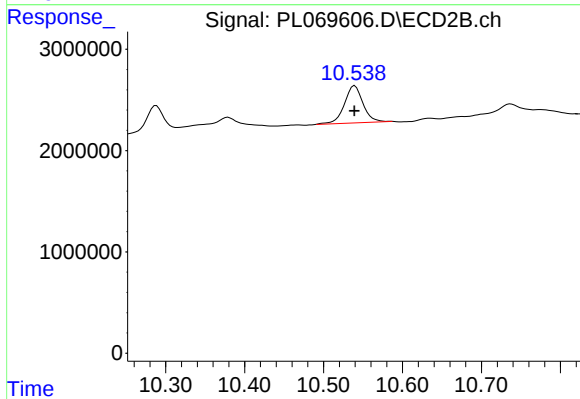
#21 Endrin ketone

R.T.: 10.072 min  
Delta R.T.: -0.002 min  
Response: 7273874  
Conc: 6.12 ng/ml



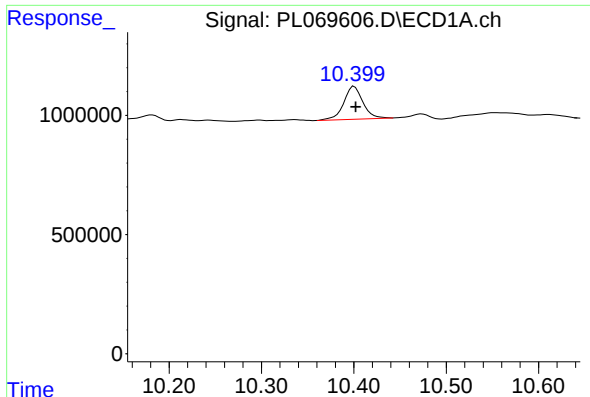
#22 Mirex

R.T.: 9.489 min  
Delta R.T.: -0.002 min  
Response: 3329006  
Conc: 6.12 ng/ml m



#22 Mirex

R.T.: 10.540 min  
Delta R.T.: 0.000 min  
Response: 6059170  
Conc: 6.75 ng/ml



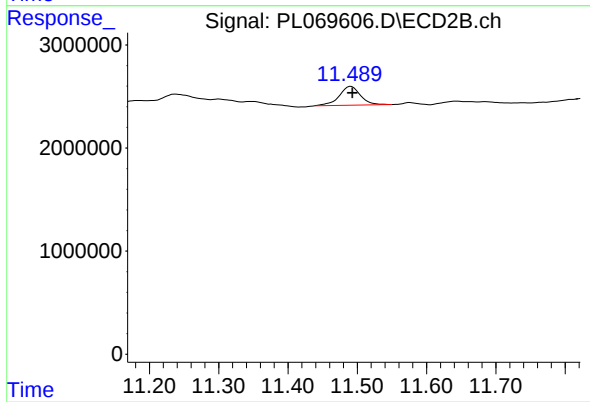
#28 Decachlorobiphenyl

R.T.: 10.400 min  
Delta R.T.: -0.002 min  
Response: 1981009  
Conc: 3.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-3-082421MSD

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 11.491 min  
Delta R.T.: -0.002 min  
Response: 3901009  
Conc: 3.46 ng/ml