

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071522\  
 Data File : PL076467.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Jul 2022 19:18  
 Operator : AR\AJ  
 Sample : N3731-01MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TP-1MS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 07/18/2022  
 Supervised By :Ankita Jodhani 07/18/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 15 22:50:40 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL070822.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 08 16:50:17 2022  
 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... | 5.636  | 4.620  | 10338430 | 28781928 | 14.351 | 14.235  |
| 28)                         | SA Decachlor... | 11.619 | 10.353 | 9258670  | 23136228 | 15.694 | 13.789  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 6.220  | 5.319  | 50021884 | 142.0E6  | 53.373 | 51.772m |
| 3)                          | MA gamma-BHC... | 6.617  | 5.739  | 46938448 | 127.0E6  | 53.561 | 51.600m |
| 4)                          | MA Heptachlor   | 7.271  | 6.147  | 45365720 | 121.8E6  | 52.324 | 50.219  |
| 5)                          | MB Aldrin       | 7.645  | 6.470  | 41240874 | 107.9E6  | 53.087 | 49.783  |
| 6)                          | B beta-BHC      | 6.870  | 6.121  | 22233955 | 51583263 | 50.582 | 47.166  |
| 7)                          | B delta-BHC     | 7.140  | 6.378  | 38246930 | 118.4E6  | 57.119 | 49.474m |
| 8)                          | B Heptachlo...  | 8.111  | 7.042  | 37760471 | 98208561 | 48.503 | 49.827m |
| 9)                          | A Endosulfan I  | 8.520  | 7.445  | 34585214 | 88731365 | 51.201 | 48.118  |
| 10)                         | B gamma-Chl...  | 8.381  | 7.319  | 37254883 | 99730119 | 51.264 | 50.013  |
| 11)                         | B alpha-Chl...  | 8.463  | 7.388  | 37548579 | 97528345 | 51.884 | 48.508  |
| 12)                         | B 4,4'-DDE      | 8.649  | 7.598  | 36117124 | 103.4E6  | 58.260 | 56.251m |
| 13)                         | MA Dieldrin     | 8.809  | 7.729  | 34311556 | 92077476 | 50.789 | 48.675  |
| 14)                         | MA Endrin       | 9.050  | 8.018  | 29903274 | 85287647 | 51.971 | 58.994m |
| 15)                         | B Endosulfa...  | 9.284  | 8.329  | 30073997 | 79525928 | 50.338 | 51.456  |
| 16)                         | A 4,4'-DDD      | 9.191  | 8.182  | 30024586 | 78233625 | 57.467 | 53.956m |
| 17)                         | MA 4,4'-DDT     | 9.509  | 8.441  | 42562609 | 102.7E6  | 71.646 | 65.705m |
| 18)                         | B Endrin al...  | 9.418  | 8.516  | 23897360 | 57145224 | 49.513 | 45.603  |
| 19)                         | B Endosulfa...  | 9.657  | 8.746  | 29640889 | 74002909 | 49.649 | 46.537  |
| 20)                         | A Methoxychlor  | 9.995  | 9.033  | 16327383 | 38136283 | 48.723 | 44.706m |
| 21)                         | B Endrin ke...  | 10.159 | 9.263  | 32894545 | 78150696 | 48.658 | 46.440  |
| 22)                         | Mirex           | 10.631 | 9.447  | 24894785 | 57465055 | 48.677 | 43.451m |
| -----                       |                 |        |        |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071522\  
Data File : PL076467.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Jul 2022 19:18  
Operator : AR\AJ  
Sample : N3731-01MS  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

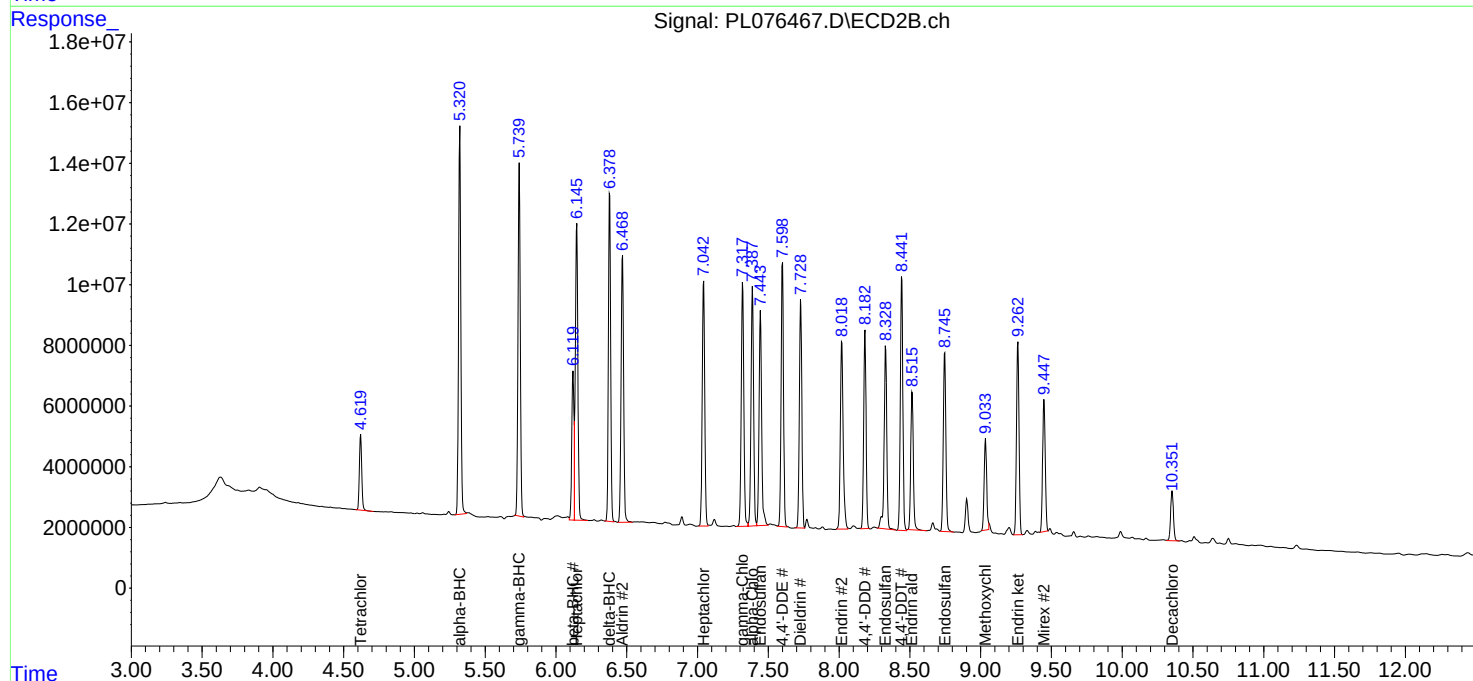
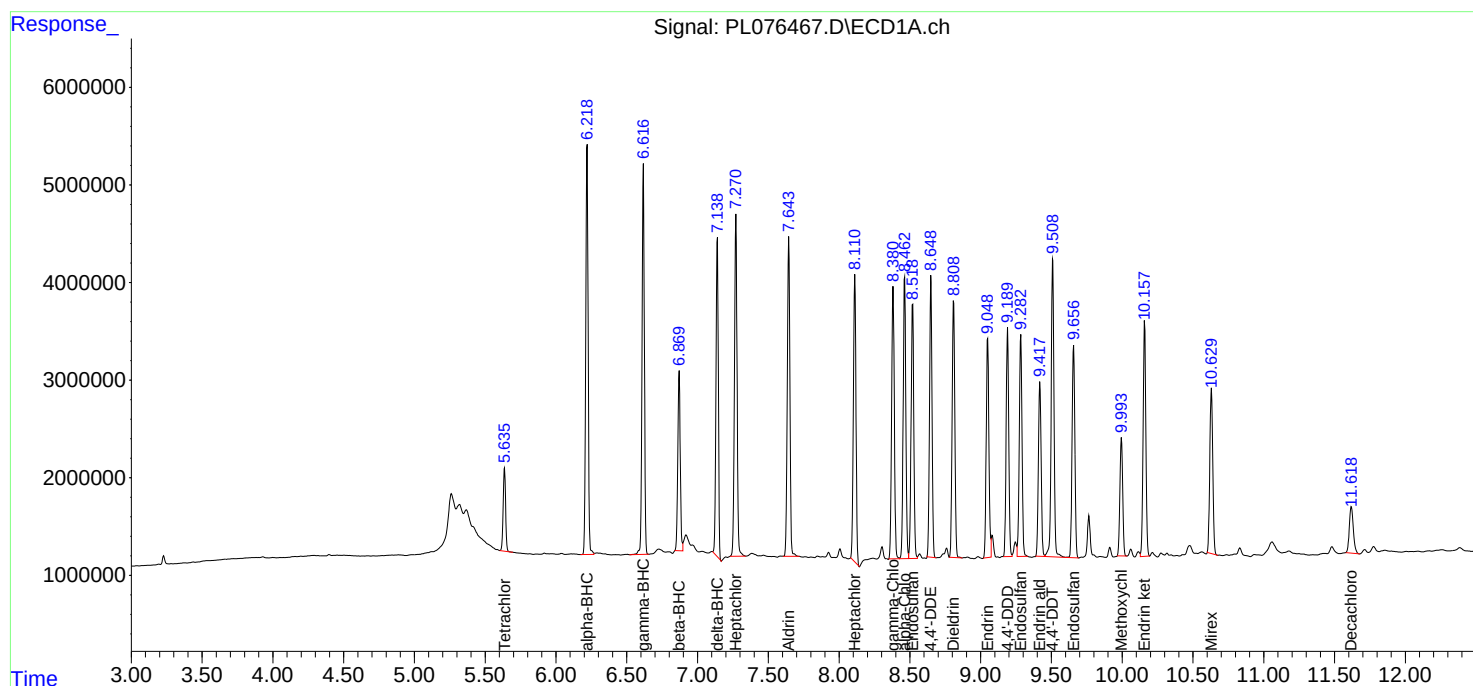
Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS

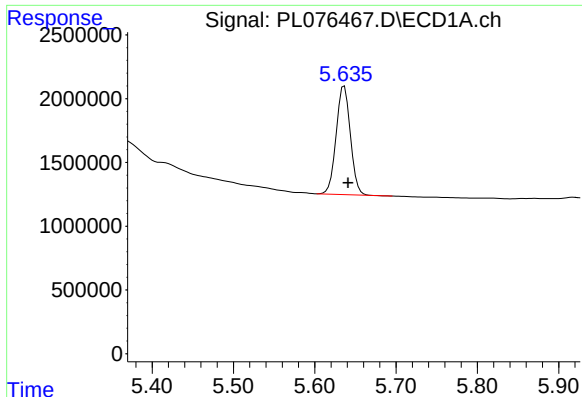
Manual Integrations  
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Supervised By :Ankita Jodhani 07/18/2022

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 15 22:50:40 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL070822.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 08 16:50:17 2022  
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





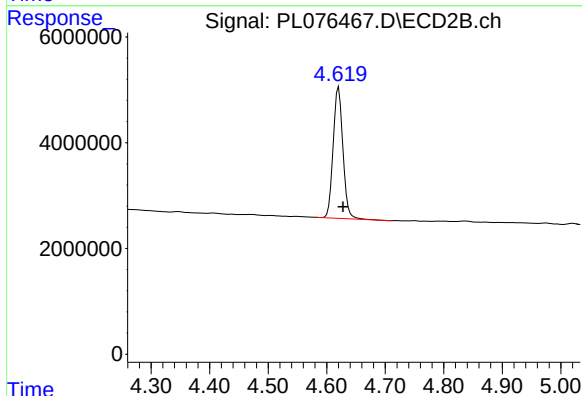
#1 Tetrachloro-m-xylene

R.T.: 5.636 min  
Delta R.T.: -0.005 min  
Response: 10338430  
Conc: 14.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS

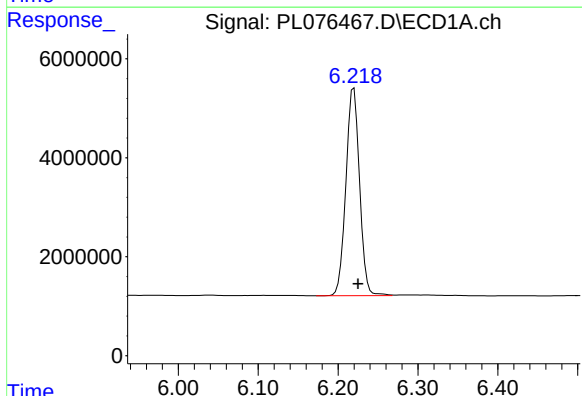
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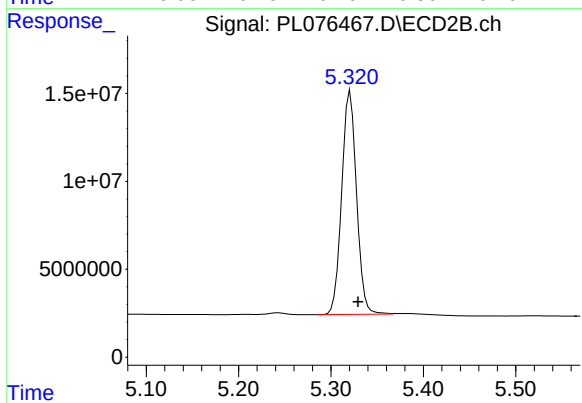
#1 Tetrachloro-m-xylene

R.T.: 4.620 min  
Delta R.T.: -0.008 min  
Response: 28781928  
Conc: 14.24 ng/ml



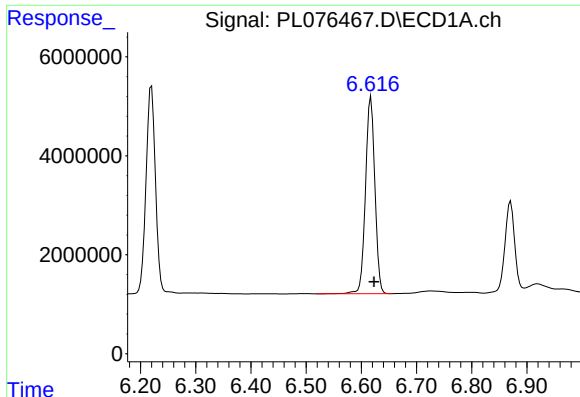
#2 alpha-BHC

R.T.: 6.220 min  
Delta R.T.: -0.006 min  
Response: 50021884  
Conc: 53.37 ng/ml



#2 alpha-BHC

R.T.: 5.319 min  
Delta R.T.: -0.010 min  
Response: 141995726  
Conc: 51.77 ng/ml m



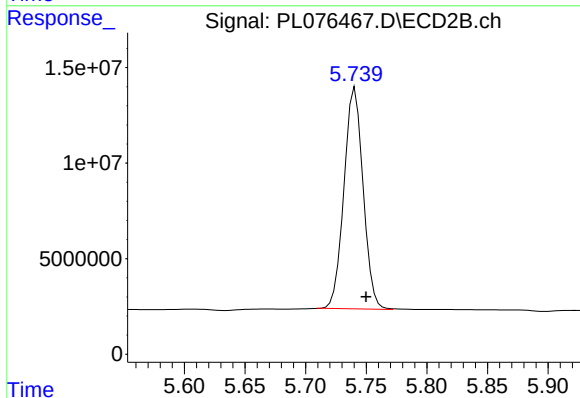
#3 gamma-BHC (Lindane)

R.T.: 6.617 min  
Delta R.T.: -0.006 min  
Response: 46938448  
Conc: 53.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS

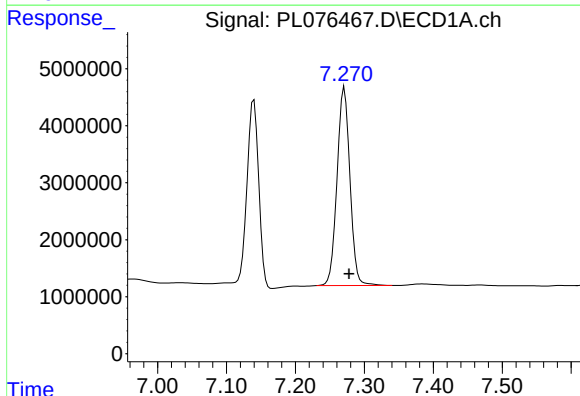
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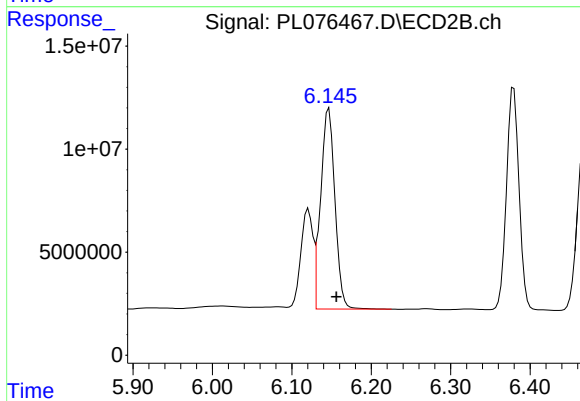
#3 gamma-BHC (Lindane)

R.T.: 5.739 min  
Delta R.T.: -0.010 min  
Response: 127000160  
Conc: 51.60 ng/ml m



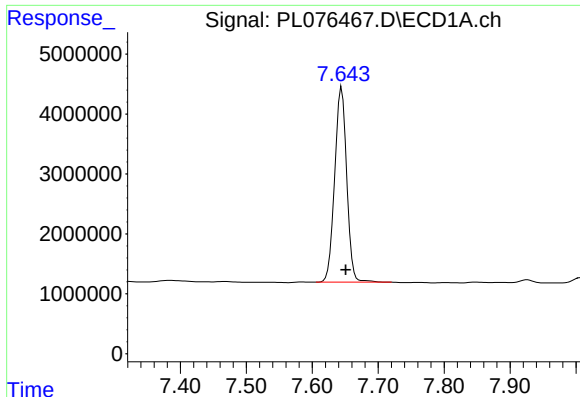
#4 Heptachlor

R.T.: 7.271 min  
Delta R.T.: -0.007 min  
Response: 45365720  
Conc: 52.32 ng/ml



#4 Heptachlor

R.T.: 6.147 min  
Delta R.T.: -0.010 min  
Response: 121828138  
Conc: 50.22 ng/ml



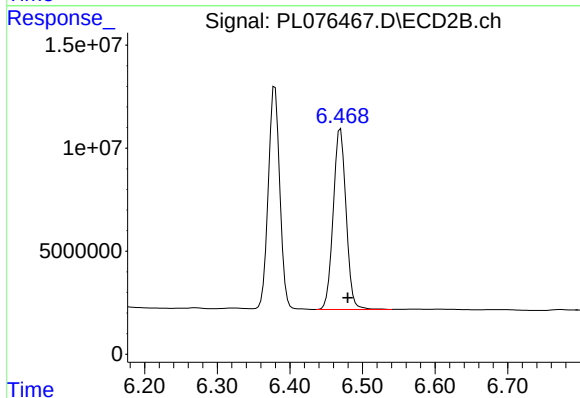
#5 Aldrin

R.T.: 7.645 min  
Delta R.T.: -0.006 min  
Response: 41240874  
Conc: 53.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS

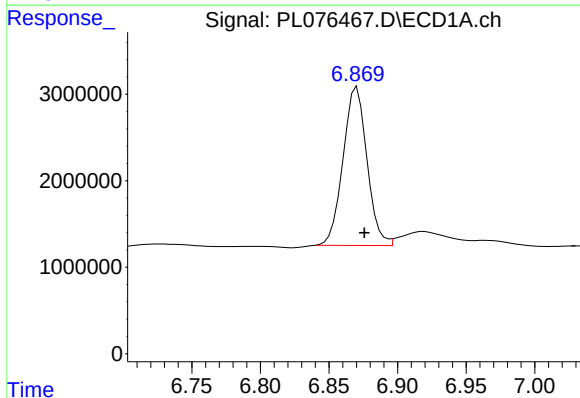
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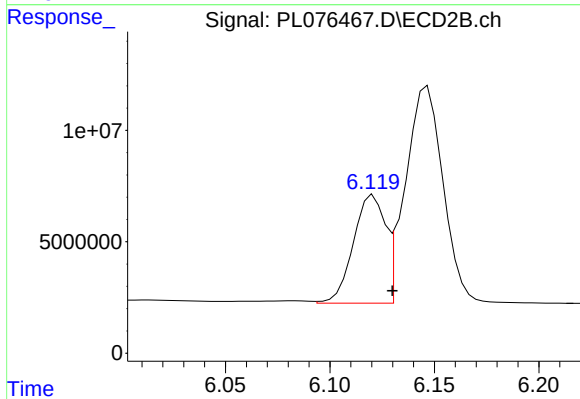
#5 Aldrin

R.T.: 6.470 min  
Delta R.T.: -0.010 min  
Response: 107921213  
Conc: 49.78 ng/ml



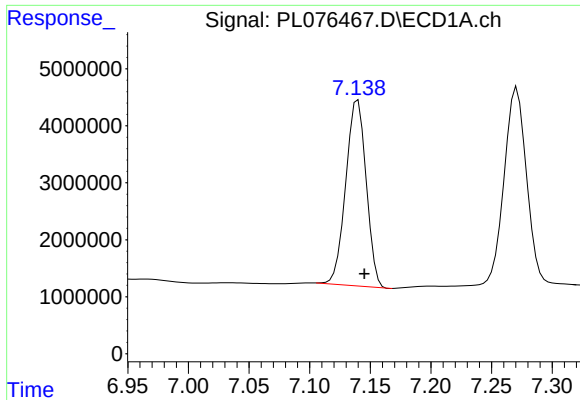
#6 beta-BHC

R.T.: 6.870 min  
Delta R.T.: -0.005 min  
Response: 22233955  
Conc: 50.58 ng/ml



#6 beta-BHC

R.T.: 6.121 min  
Delta R.T.: -0.009 min  
Response: 51583263  
Conc: 47.17 ng/ml



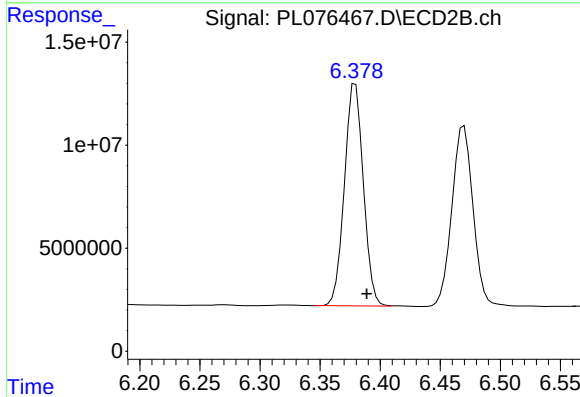
#7 delta-BHC

R.T.: 7.140 min  
Delta R.T.: -0.005 min  
Response: 38246930  
Conc: 57.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS

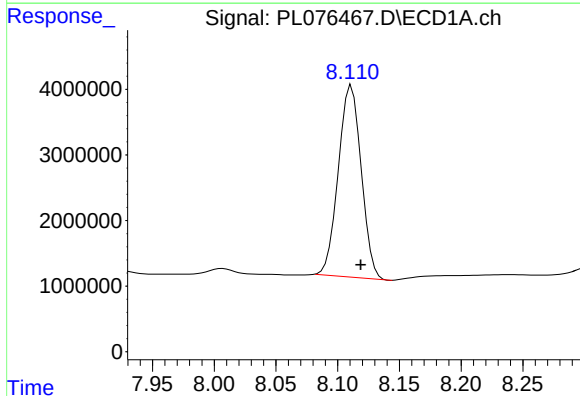
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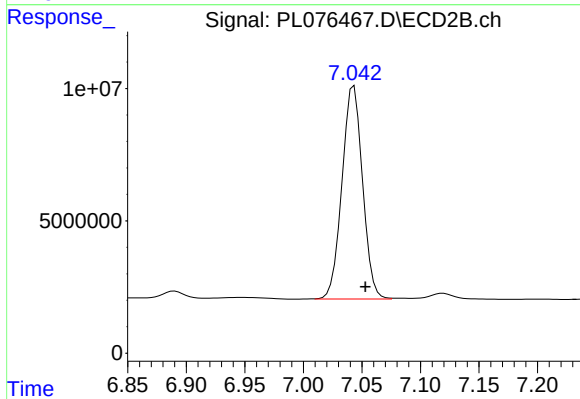
#7 delta-BHC

R.T.: 6.378 min  
Delta R.T.: -0.011 min  
Response: 118392595  
Conc: 49.47 ng/ml m



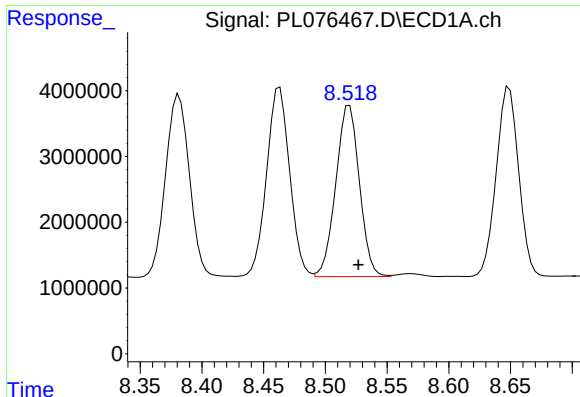
#8 Heptachlor epoxide

R.T.: 8.111 min  
Delta R.T.: -0.008 min  
Response: 37760471  
Conc: 48.50 ng/ml



#8 Heptachlor epoxide

R.T.: 7.042 min  
Delta R.T.: -0.011 min  
Response: 98208561  
Conc: 49.83 ng/ml m



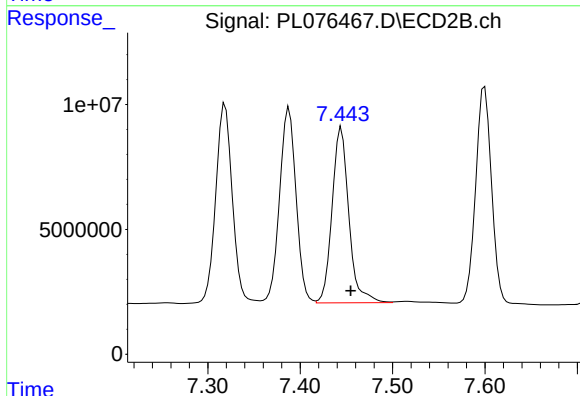
#9 Endosulfan I

R.T.: 8.520 min  
Delta R.T.: -0.007 min  
Response: 34585214  
Conc: 51.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS

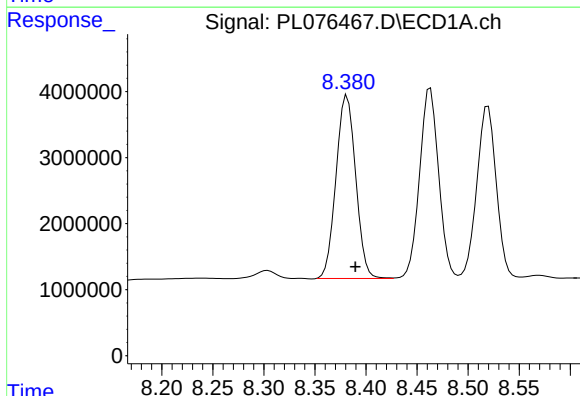
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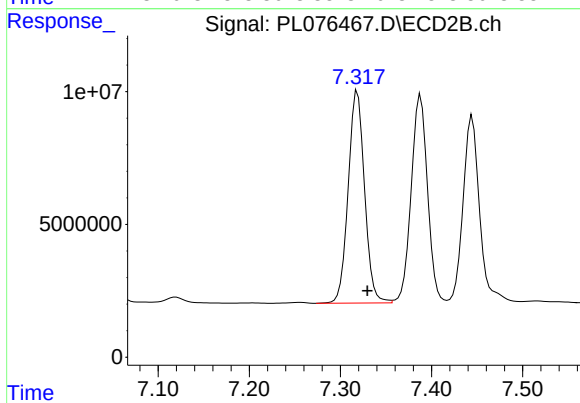
#9 Endosulfan I

R.T.: 7.445 min  
Delta R.T.: -0.010 min  
Response: 88731365  
Conc: 48.12 ng/ml



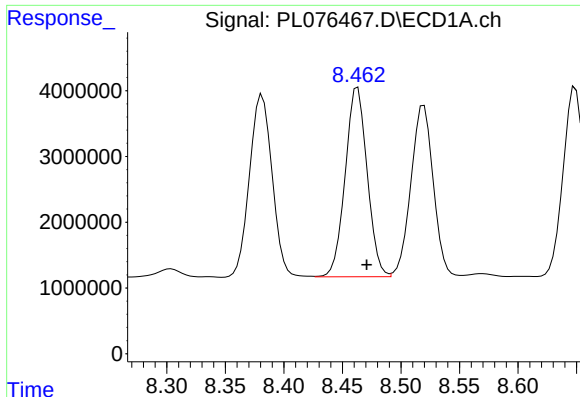
#10 gamma-Chlordane

R.T.: 8.381 min  
Delta R.T.: -0.008 min  
Response: 37254883  
Conc: 51.26 ng/ml



#10 gamma-Chlordane

R.T.: 7.319 min  
Delta R.T.: -0.011 min  
Response: 99730119  
Conc: 50.01 ng/ml



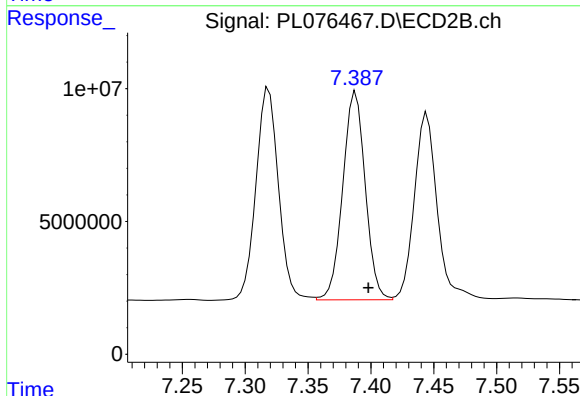
#11 alpha-Chlordane

R.T.: 8.463 min  
Delta R.T.: -0.008 min  
Response: 37548579  
Conc: 51.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS

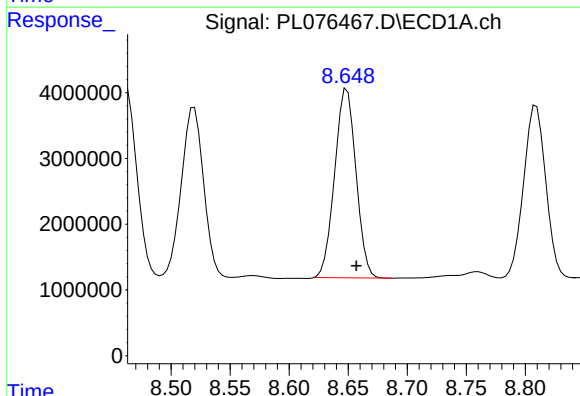
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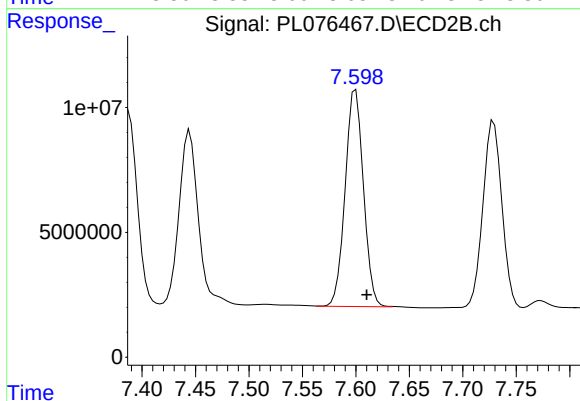
#11 alpha-Chlordane

R.T.: 7.388 min  
Delta R.T.: -0.010 min  
Response: 97528345  
Conc: 48.51 ng/ml



#12 4,4'-DDE

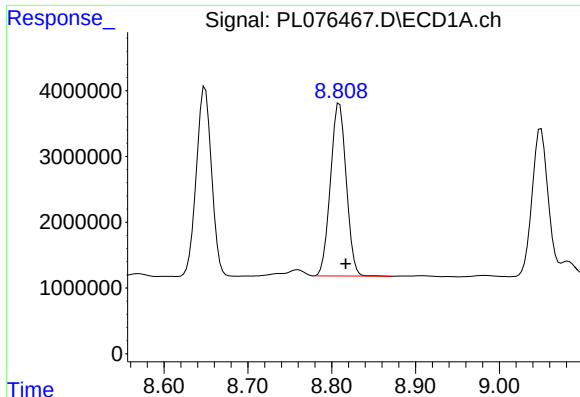
R.T.: 8.649 min  
Delta R.T.: -0.008 min  
Response: 36117124  
Conc: 58.26 ng/ml



#12 4,4'-DDE

R.T.: 7.598 min  
Delta R.T.: -0.012 min  
Response: 103386998  
Conc: 56.25 ng/ml m





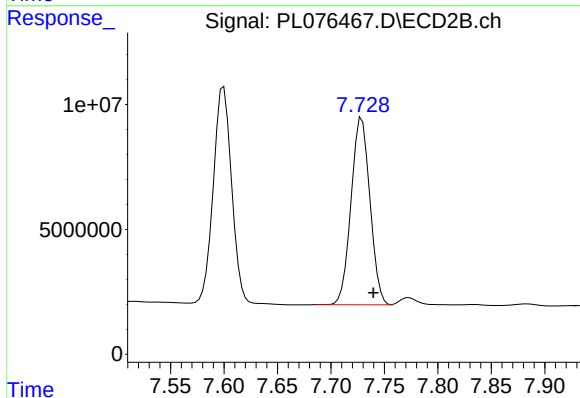
#13 Dieldrin

R.T.: 8.809 min  
Delta R.T.: -0.007 min  
Response: 34311556  
Conc: 50.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS

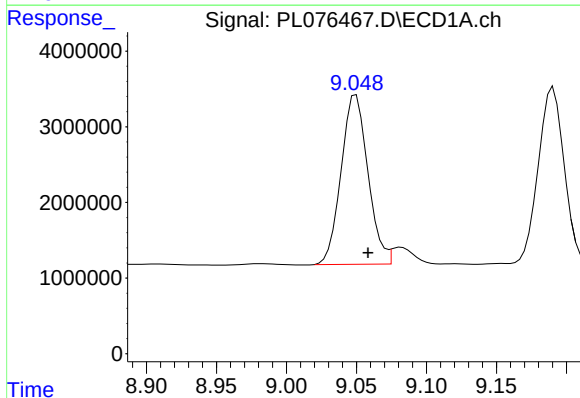
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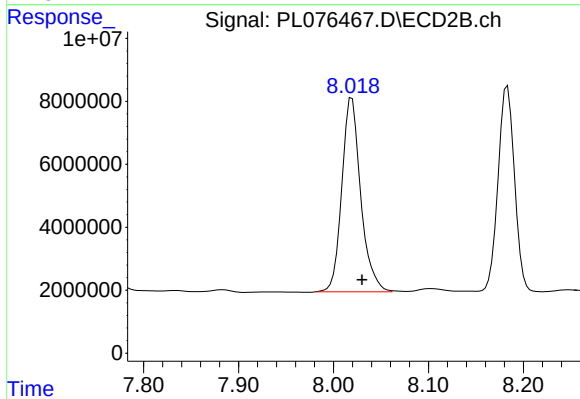
#13 Dieldrin

R.T.: 7.729 min  
Delta R.T.: -0.011 min  
Response: 92077476  
Conc: 48.67 ng/ml



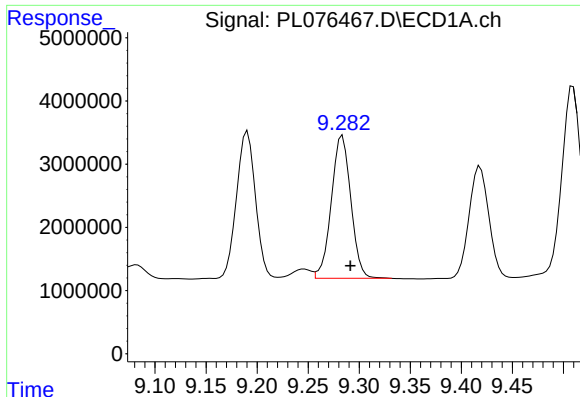
#14 Endrin

R.T.: 9.050 min  
Delta R.T.: -0.009 min  
Response: 29903274  
Conc: 51.97 ng/ml



#14 Endrin

R.T.: 8.018 min  
Delta R.T.: -0.012 min  
Response: 85287647  
Conc: 58.99 ng/ml m



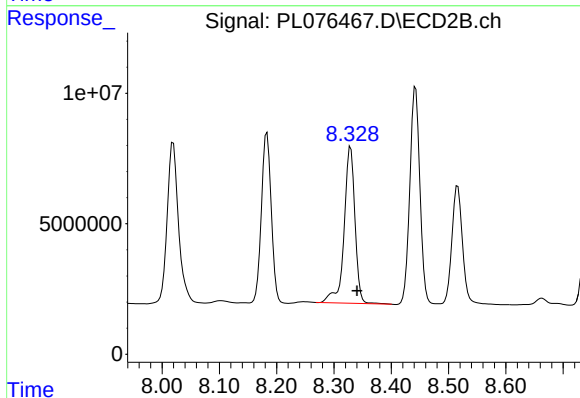
#15 Endosulfan II

R.T.: 9.284 min  
Delta R.T.: -0.008 min  
Response: 30073997  
Conc: 50.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS

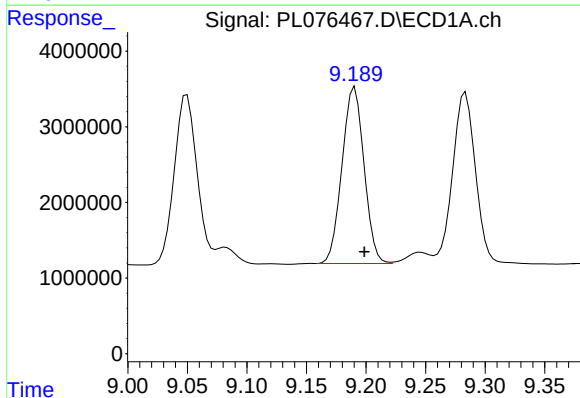
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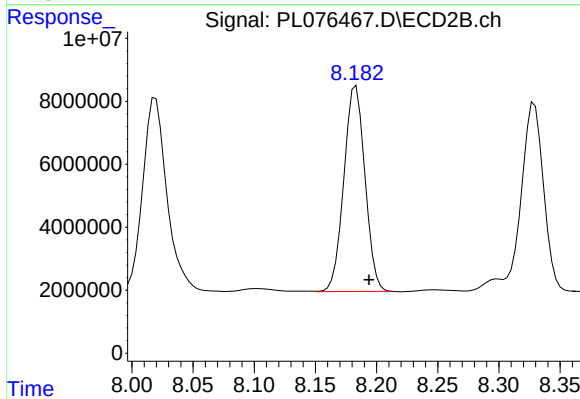
#15 Endosulfan II

R.T.: 8.329 min  
Delta R.T.: -0.011 min  
Response: 79525928  
Conc: 51.46 ng/ml



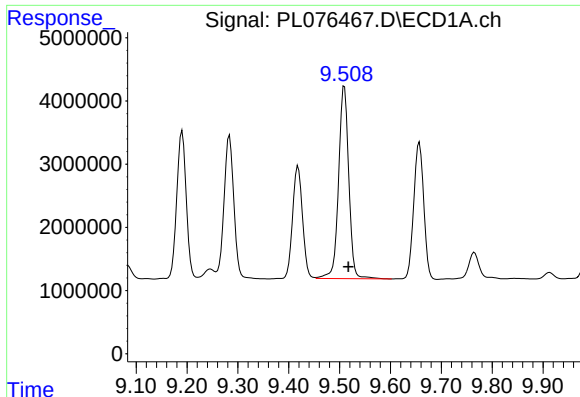
#16 4,4'-DDD

R.T.: 9.191 min  
Delta R.T.: -0.008 min  
Response: 30024586  
Conc: 57.47 ng/ml



#16 4,4'-DDD

R.T.: 8.182 min  
Delta R.T.: -0.012 min  
Response: 78233625  
Conc: 53.96 ng/ml m



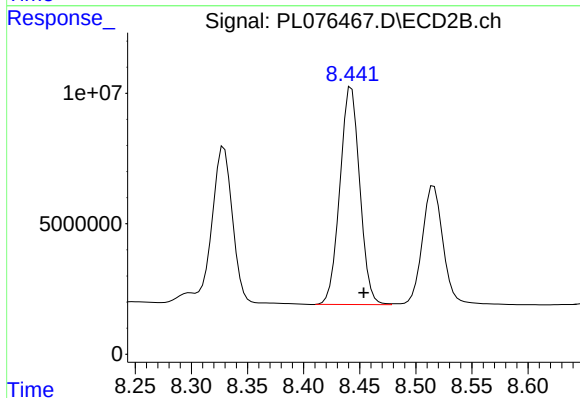
#17 4,4'-DDT

R.T.: 9.509 min  
Delta R.T.: -0.008 min  
Response: 42562609  
Conc: 71.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS

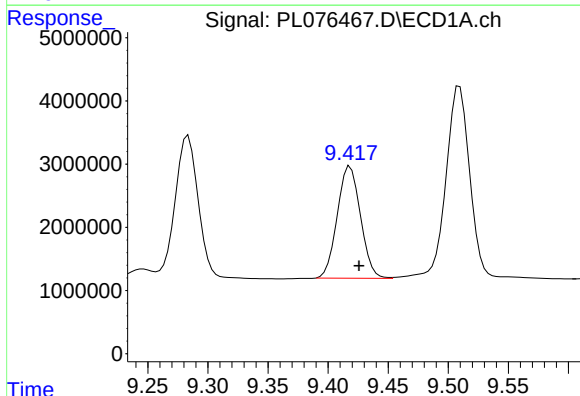
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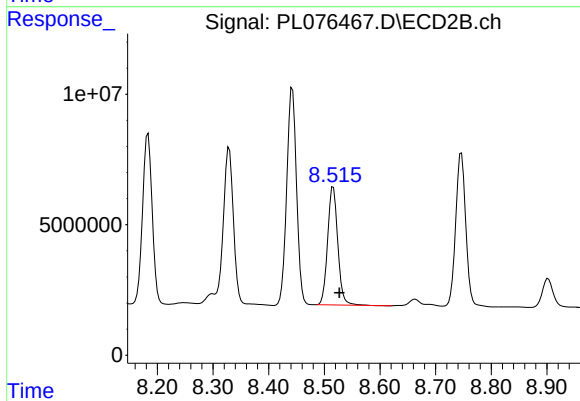
#17 4,4'-DDT

R.T.: 8.441 min  
Delta R.T.: -0.012 min  
Response: 102728674  
Conc: 65.71 ng/ml m



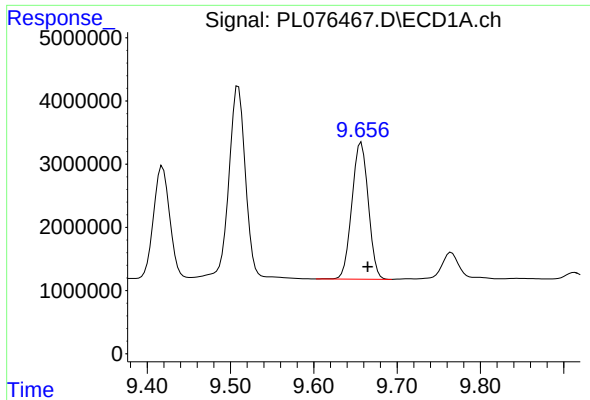
#18 Endrin aldehyde

R.T.: 9.418 min  
Delta R.T.: -0.007 min  
Response: 23897360  
Conc: 49.51 ng/ml



#18 Endrin aldehyde

R.T.: 8.516 min  
Delta R.T.: -0.011 min  
Response: 57145224  
Conc: 45.60 ng/ml



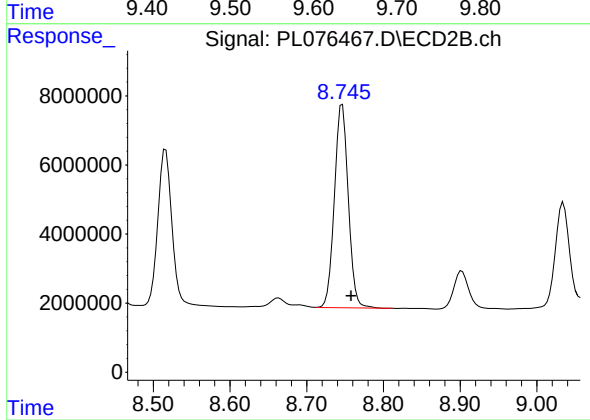
#19 Endosulfan Sulfate

R.T.: 9.657 min  
Delta R.T.: -0.008 min  
Response: 29640889  
Conc: 49.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS

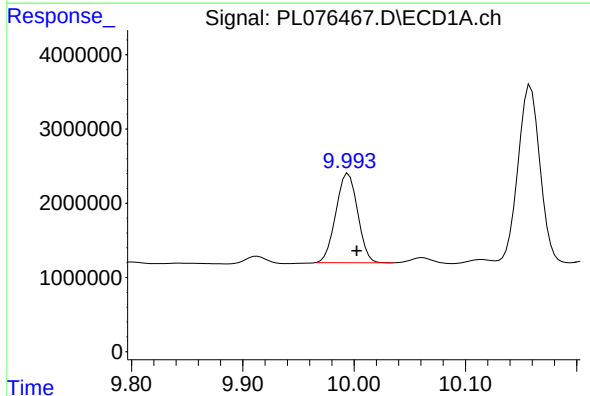
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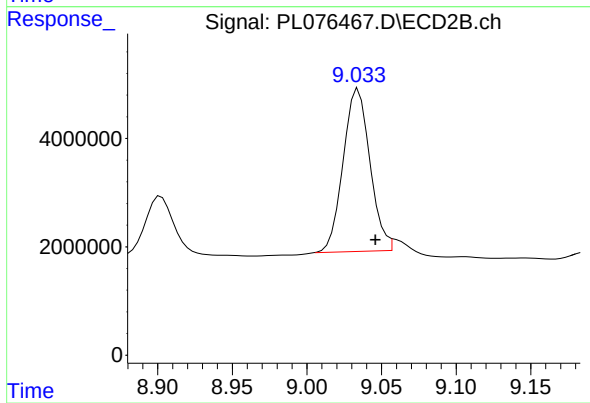
#19 Endosulfan Sulfate

R.T.: 8.746 min  
Delta R.T.: -0.012 min  
Response: 74002909  
Conc: 46.54 ng/ml



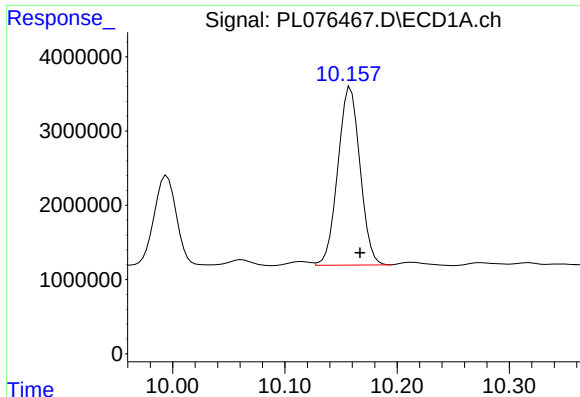
#20 Methoxychlor

R.T.: 9.995 min  
Delta R.T.: -0.007 min  
Response: 16327383  
Conc: 48.72 ng/ml



#20 Methoxychlor

R.T.: 9.033 min  
Delta R.T.: -0.013 min  
Response: 38136283  
Conc: 44.71 ng/ml m



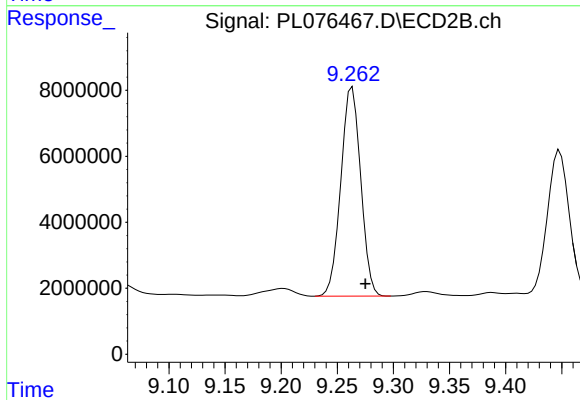
#21 Endrin ketone

R.T.: 10.159 min  
Delta R.T.: -0.008 min  
Response: 32894545  
Conc: 48.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS

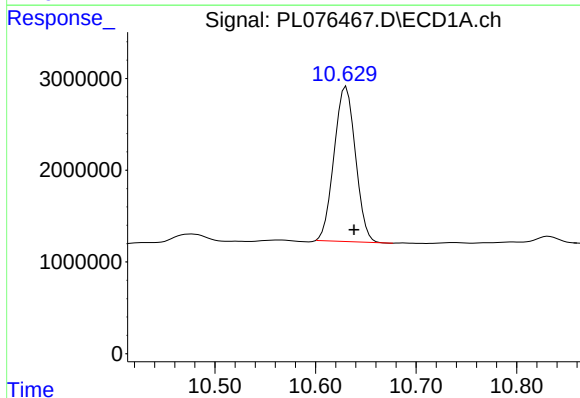
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/18/2022  
Supervised By :Ankita Jodhani 07/18/2022



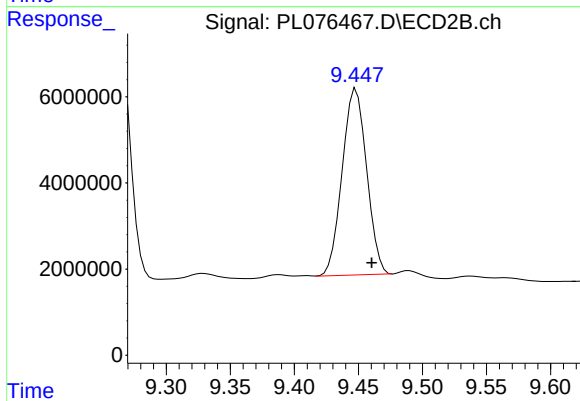
#21 Endrin ketone

R.T.: 9.263 min  
Delta R.T.: -0.012 min  
Response: 78150696  
Conc: 46.44 ng/ml



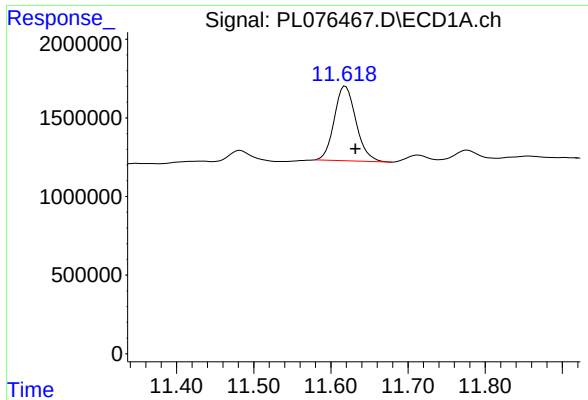
#22 Mirex

R.T.: 10.631 min  
Delta R.T.: -0.008 min  
Response: 24894785  
Conc: 48.68 ng/ml



#22 Mirex

R.T.: 9.447 min  
Delta R.T.: -0.014 min  
Response: 57465055  
Conc: 43.45 ng/ml m



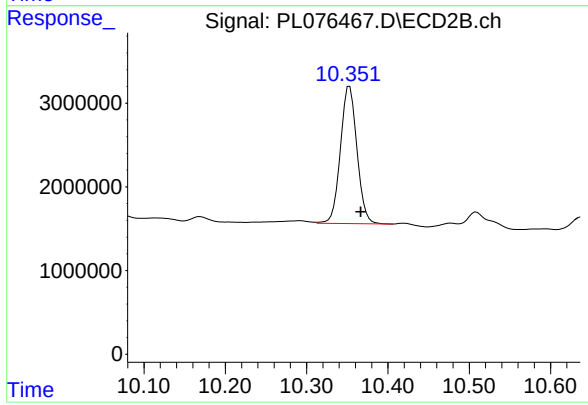
#28 Decachlorobiphenyl

R.T.: 11.619 min  
Delta R.T.: -0.013 min  
Response: 9258670  
Conc: 15.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/18/2022  
Supervised By :Ankita Jodhani 07/18/2022



#28 Decachlorobiphenyl

R.T.: 10.353 min  
Delta R.T.: -0.014 min  
Response: 23136228  
Conc: 13.79 ng/ml