

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061422\  
 Data File : PL075779.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Jun 2022 19:21  
 Operator : AR\AJ  
 Sample : PB145532BS  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB145532BS

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 06/15/2022  
 Supervised By : Ankita Jodhani 06/15/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 15 00:48:56 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060622.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jun 07 02:04:29 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... | 5.642  | 4.637  | 12801613 | 30559857 | 18.969 | 18.210  |
| 28)                         | SA Decachlor... | 11.636 | 10.379 | 12600620 | 25666226 | 20.582 | 18.217  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 6.226  | 5.338  | 54700502 | 128.5E6  | 58.194 | 56.736  |
| 3)                          | MA gamma-BHC... | 6.624  | 5.759  | 51042973 | 119.4E6  | 58.153 | 55.038  |
| 4)                          | MA Heptachlor   | 7.279  | 6.167  | 50764272 | 115.3E6  | 55.206 | 54.059  |
| 5)                          | MB Aldrin       | 7.652  | 6.490  | 47971521 | 109.9E6  | 58.427 | 55.961  |
| 6)                          | B beta-BHC      | 6.876  | 6.137  | 22429771 | 48060135 | 54.651 | 48.964  |
| 7)                          | B delta-BHC     | 7.146  | 6.398  | 46491393 | 117.8E6  | 60.419 | 55.032  |
| 8)                          | B Heptachlo...  | 8.120  | 7.063  | 44386148 | 99977905 | 57.421 | 54.637  |
| 9)                          | A Endosulfan I  | 8.528  | 7.465  | 40061722 | 91201753 | 57.257 | 54.528  |
| 10)                         | B gamma-Chl...  | 8.390  | 7.340  | 45051386 | 100.5E6  | 58.014 | 54.793  |
| 11)                         | B alpha-Chl...  | 8.472  | 7.409  | 43674296 | 99025988 | 57.270 | 54.235  |
| 12)                         | B 4,4'-DDE      | 8.658  | 7.621  | 38382441 | 89815024 | 57.995 | 56.177  |
| 13)                         | MA Dieldrin     | 8.819  | 7.749  | 41749686 | 95811667 | 57.790 | 56.606m |
| 14)                         | MA Endrin       | 9.060  | 8.041  | 35127413 | 81083524 | 59.245 | 59.310  |
| 15)                         | B Endosulfa...  | 9.294  | 8.351  | 35396808 | 79615216 | 56.882 | 55.556  |
| 16)                         | A 4,4'-DDD      | 9.200  | 8.205  | 31670515 | 70819682 | 57.882 | 53.857  |
| 17)                         | MA 4,4'-DDT     | 9.520  | 8.464  | 33891439 | 77307280 | 52.907 | 54.993m |
| 18)                         | B Endrin al...  | 9.428  | 8.539  | 29041848 | 62404749 | 56.704 | 55.404  |
| 19)                         | B Endosulfa...  | 9.667  | 8.769  | 34755449 | 78239292 | 55.485 | 53.268  |
| 20)                         | A Methoxychlor  | 10.005 | 9.058  | 19028077 | 42174743 | 53.155 | 51.771  |
| 21)                         | B Endrin ke...  | 10.169 | 9.287  | 38943720 | 84364303 | 55.378 | 52.262  |
| 22)                         | Mirex           | 10.641 | 9.473  | 29174779 | 65533252 | 51.839 | 51.033  |
| -----                       |                 |        |        |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061422\  
Data File : PL075779.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Jun 2022 19:21  
Operator : AR\AJ  
Sample : PB145532BS  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

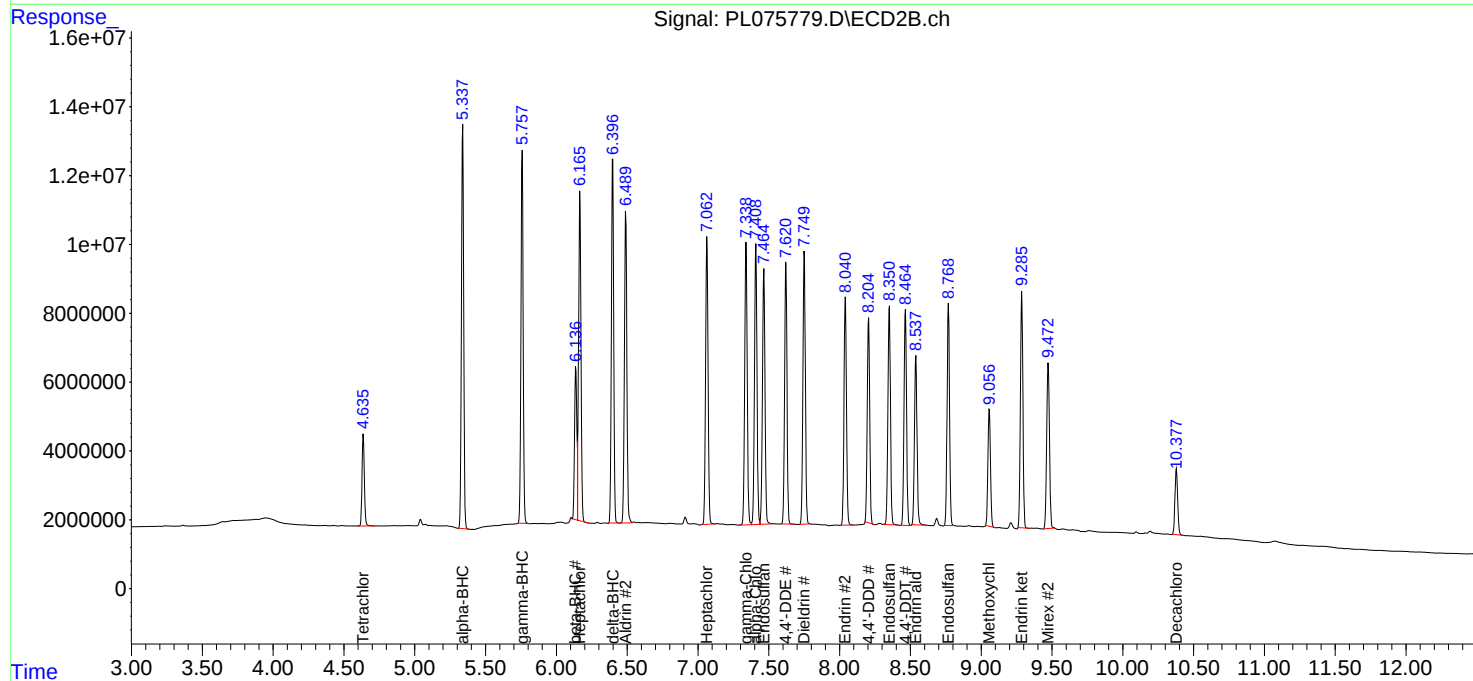
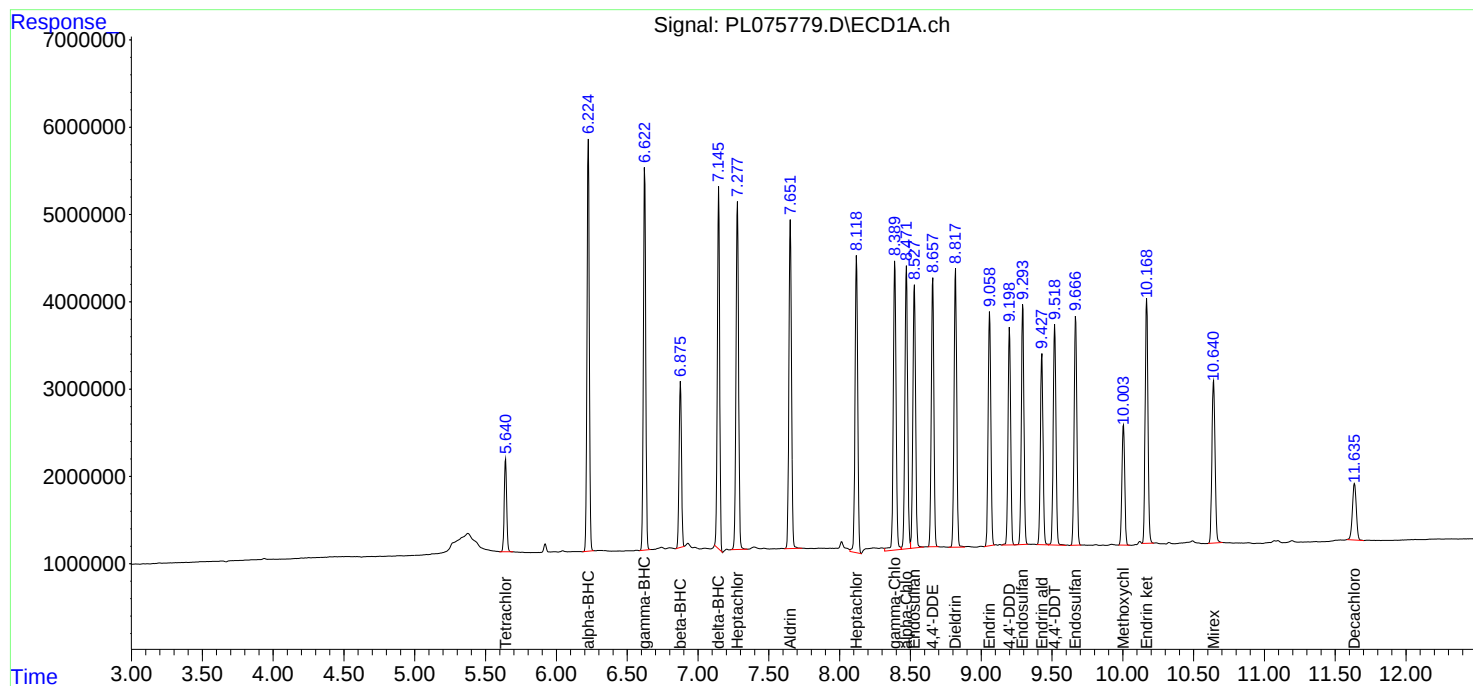
Instrument :  
ECD\_L  
ClientSampleId :  
PB145532BS

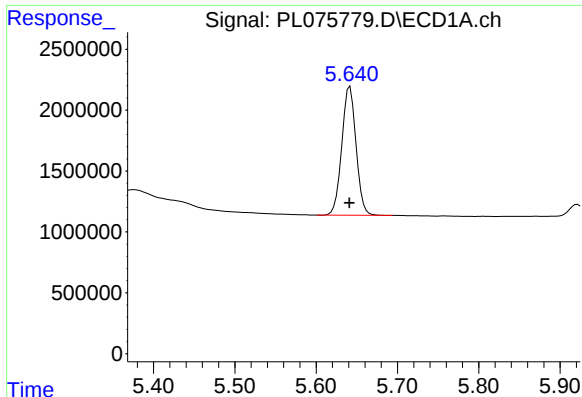
Manual Integrations  
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Supervised By :Ankita Jodhani 06/15/2022

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 15 00:48:56 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060622.M  
Quant Title : GC Extractables  
QLast Update : Tue Jun 07 02:04:29 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





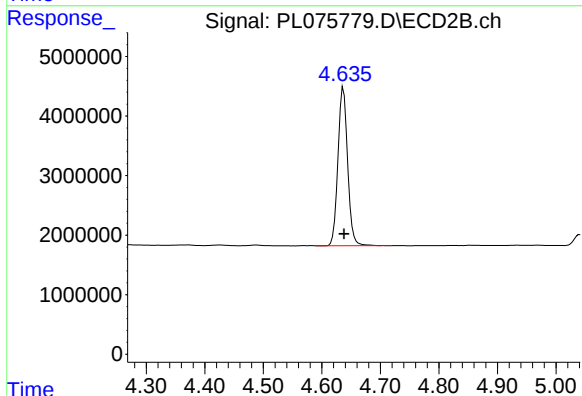
#1 Tetrachloro-m-xylene

R.T.: 5.642 min  
Delta R.T.: 0.000 min  
Response: 12801613  
Conc: 18.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB145532BS

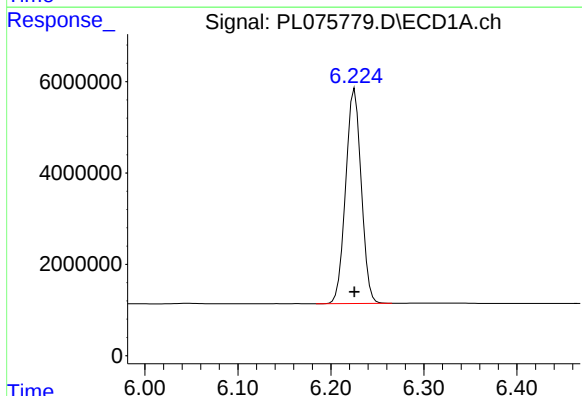
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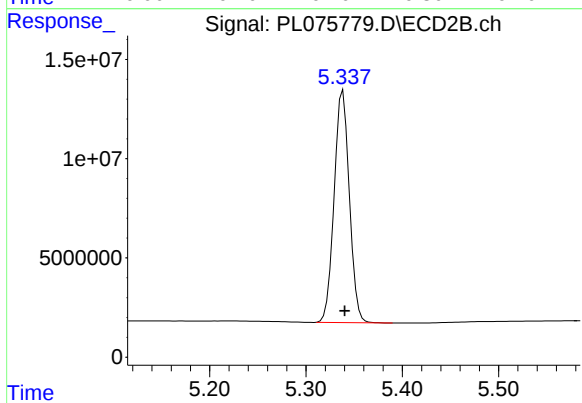
#1 Tetrachloro-m-xylene

R.T.: 4.637 min  
Delta R.T.: 0.000 min  
Response: 30559857  
Conc: 18.21 ng/ml



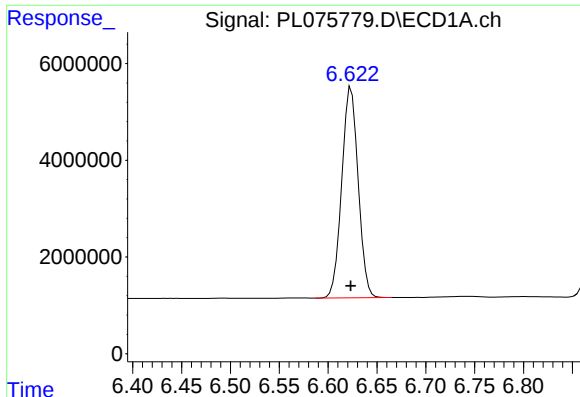
#2 alpha-BHC

R.T.: 6.226 min  
Delta R.T.: 0.000 min  
Response: 54700502  
Conc: 58.19 ng/ml



#2 alpha-BHC

R.T.: 5.338 min  
Delta R.T.: -0.002 min  
Response: 128466802  
Conc: 56.74 ng/ml



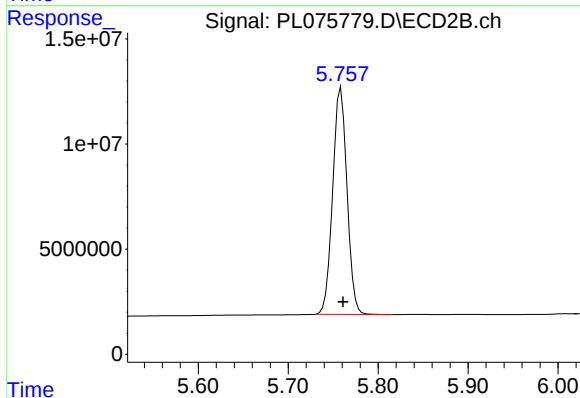
#3 gamma-BHC (Lindane)

R.T.: 6.624 min  
Delta R.T.: 0.000 min  
Response: 51042973  
Conc: 58.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB145532BS

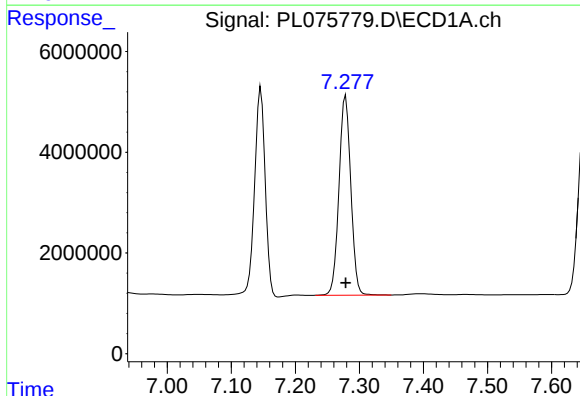
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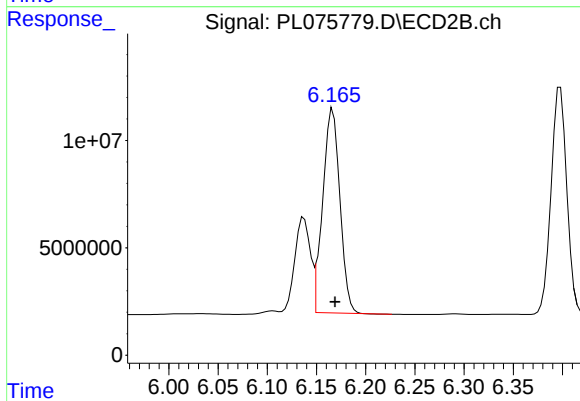
#3 gamma-BHC (Lindane)

R.T.: 5.759 min  
Delta R.T.: -0.002 min  
Response: 119352891  
Conc: 55.04 ng/ml



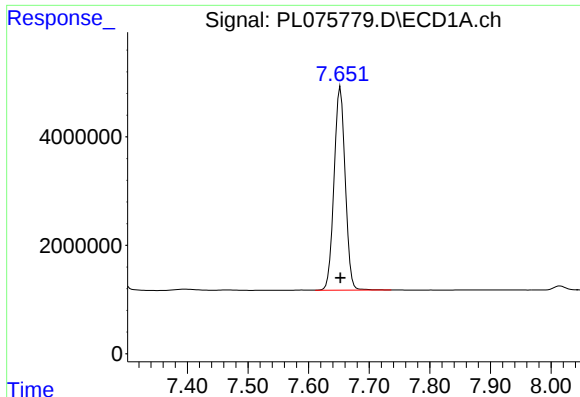
#4 Heptachlor

R.T.: 7.279 min  
Delta R.T.: 0.000 min  
Response: 50764272  
Conc: 55.21 ng/ml



#4 Heptachlor

R.T.: 6.167 min  
Delta R.T.: -0.003 min  
Response: 115264761  
Conc: 54.06 ng/ml



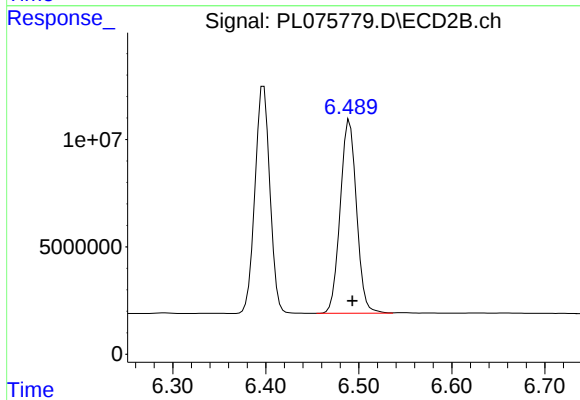
#5 Aldrin

R.T.: 7.652 min  
Delta R.T.: 0.000 min  
Response: 47971521  
Conc: 58.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB145532BS

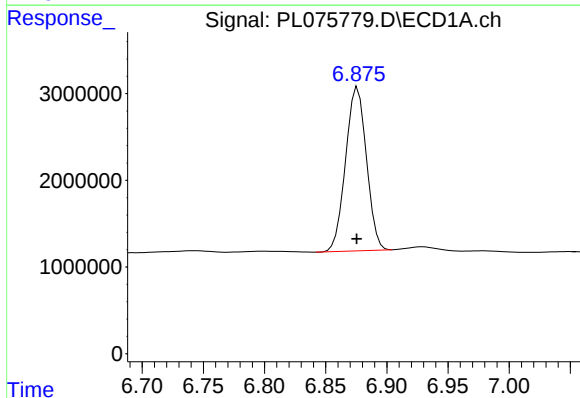
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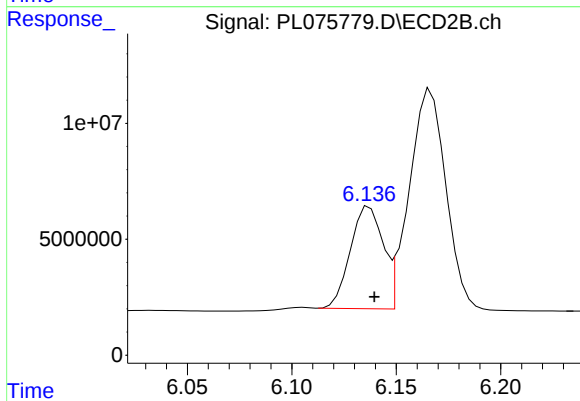
#5 Aldrin

R.T.: 6.490 min  
Delta R.T.: -0.003 min  
Response: 109906007  
Conc: 55.96 ng/ml



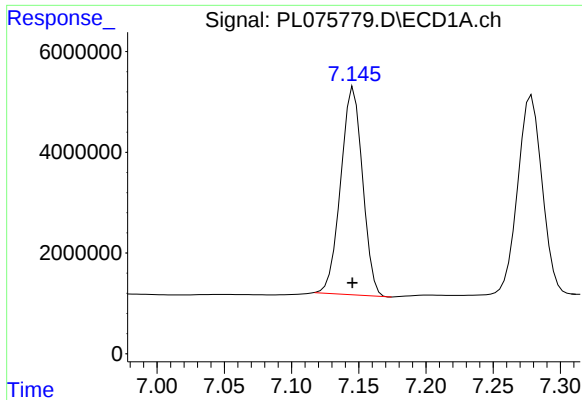
#6 beta-BHC

R.T.: 6.876 min  
Delta R.T.: 0.000 min  
Response: 22429771  
Conc: 54.65 ng/ml



#6 beta-BHC

R.T.: 6.137 min  
Delta R.T.: -0.002 min  
Response: 48060135  
Conc: 48.96 ng/ml



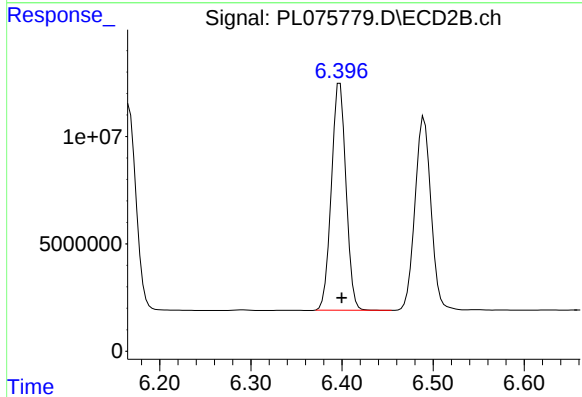
#7 delta-BHC

R.T.: 7.146 min  
Delta R.T.: 0.000 min  
Response: 46491393  
Conc: 60.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB145532BS

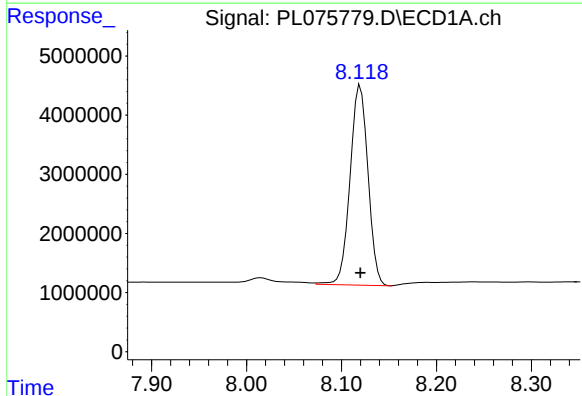
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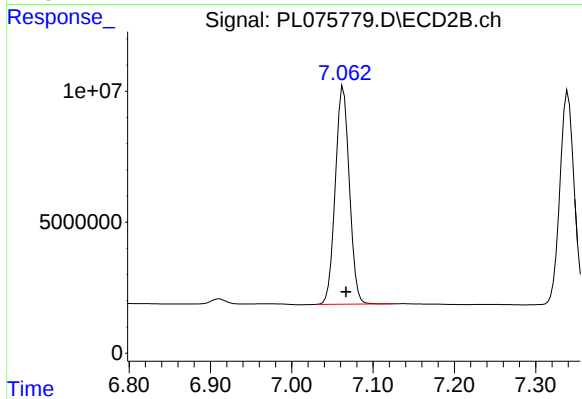
#7 delta-BHC

R.T.: 6.398 min  
Delta R.T.: -0.002 min  
Response: 117815032  
Conc: 55.03 ng/ml



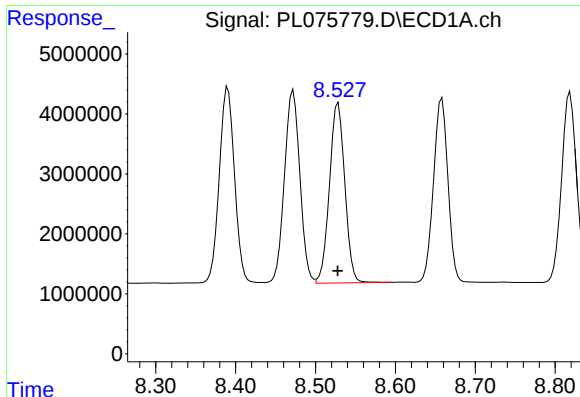
#8 Heptachlor epoxide

R.T.: 8.120 min  
Delta R.T.: 0.000 min  
Response: 44386148  
Conc: 57.42 ng/ml



#8 Heptachlor epoxide

R.T.: 7.063 min  
Delta R.T.: -0.003 min  
Response: 99977905  
Conc: 54.64 ng/ml



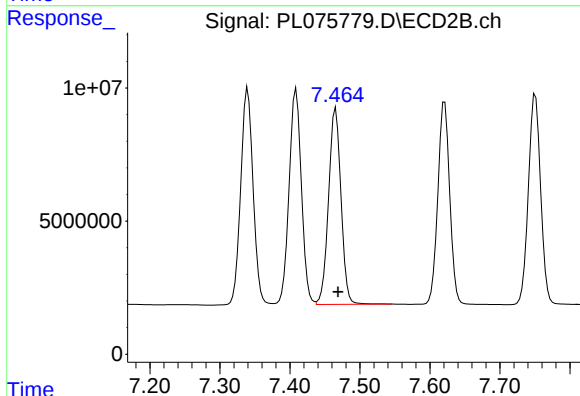
#9 Endosulfan I

R.T.: 8.528 min  
Delta R.T.: 0.000 min  
Response: 40061722  
Conc: 57.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB145532BS

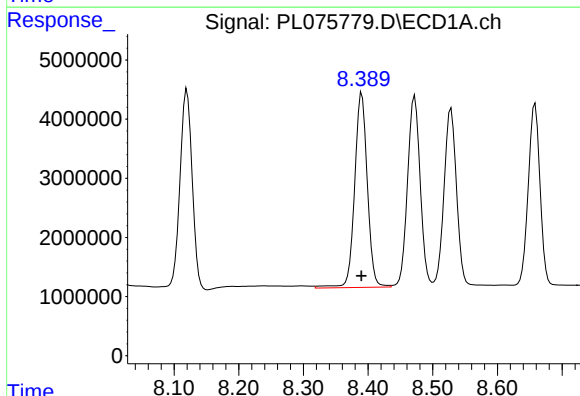
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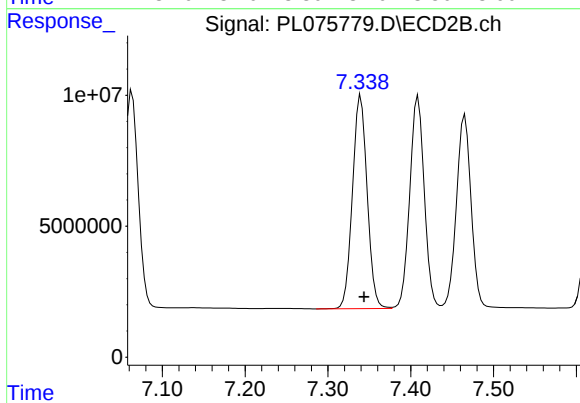
#9 Endosulfan I

R.T.: 7.465 min  
Delta R.T.: -0.003 min  
Response: 91201753  
Conc: 54.53 ng/ml



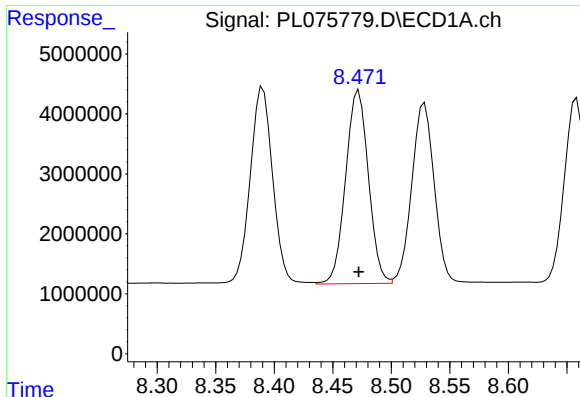
#10 gamma-Chlordane

R.T.: 8.390 min  
Delta R.T.: 0.000 min  
Response: 45051386  
Conc: 58.01 ng/ml



#10 gamma-Chlordane

R.T.: 7.340 min  
Delta R.T.: -0.004 min  
Response: 100464730  
Conc: 54.79 ng/ml



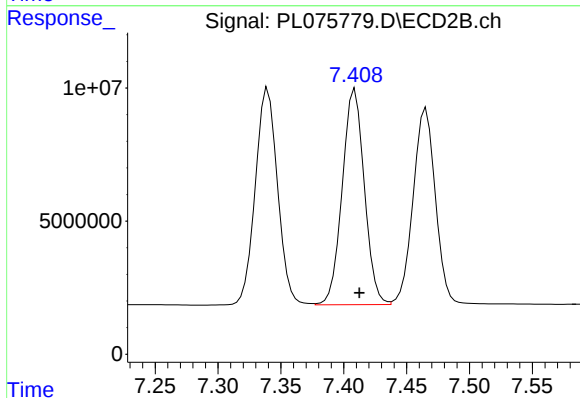
#11 alpha-Chlordane

R.T.: 8.472 min  
Delta R.T.: 0.000 min  
Response: 43674296  
Conc: 57.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB145532BS

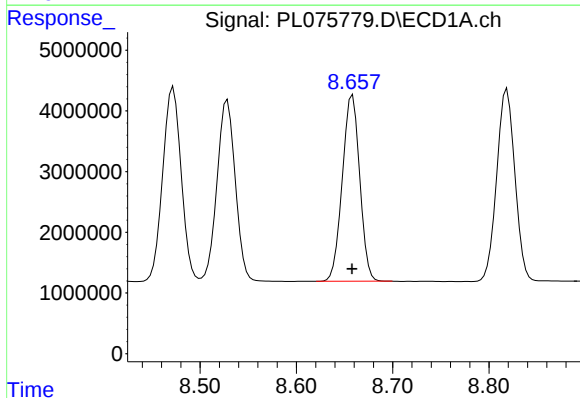
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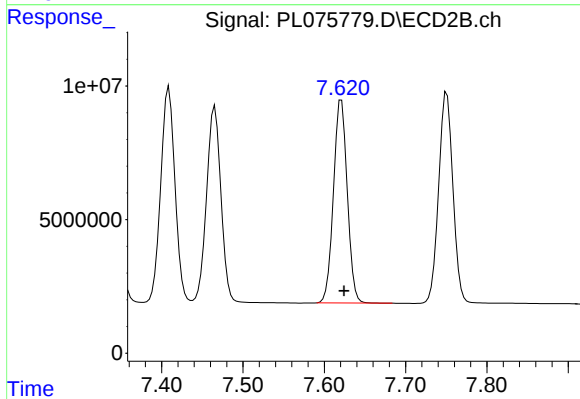
#11 alpha-Chlordane

R.T.: 7.409 min  
Delta R.T.: -0.003 min  
Response: 99025988  
Conc: 54.23 ng/ml



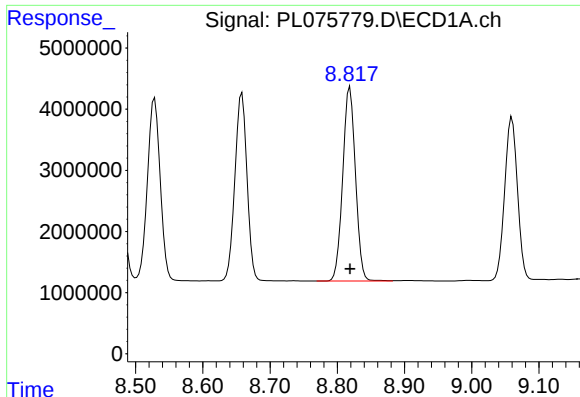
#12 4,4'-DDE

R.T.: 8.658 min  
Delta R.T.: 0.000 min  
Response: 38382441  
Conc: 57.99 ng/ml



#12 4,4'-DDE

R.T.: 7.621 min  
Delta R.T.: -0.003 min  
Response: 89815024  
Conc: 56.18 ng/ml



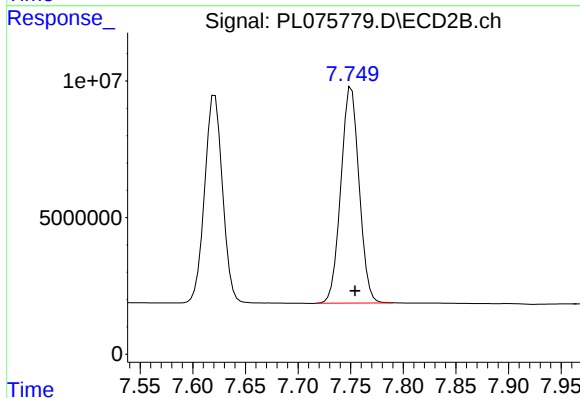
#13 Dieldrin

R.T.: 8.819 min  
Delta R.T.: 0.000 min  
Response: 41749686  
Conc: 57.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB145532BS

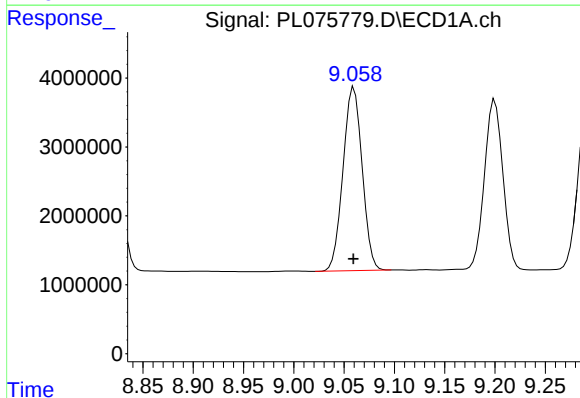
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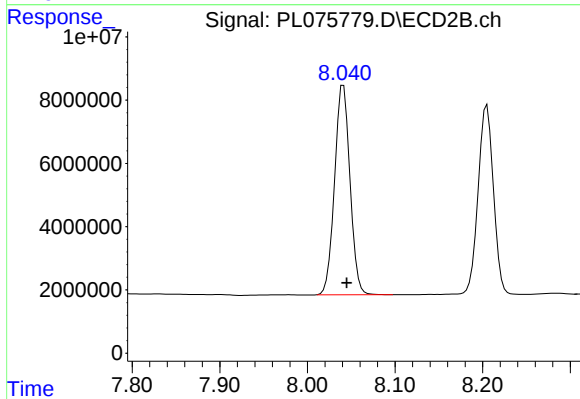
#13 Dieldrin

R.T.: 7.749 min  
Delta R.T.: -0.005 min  
Response: 95811667  
Conc: 56.61 ng/ml m



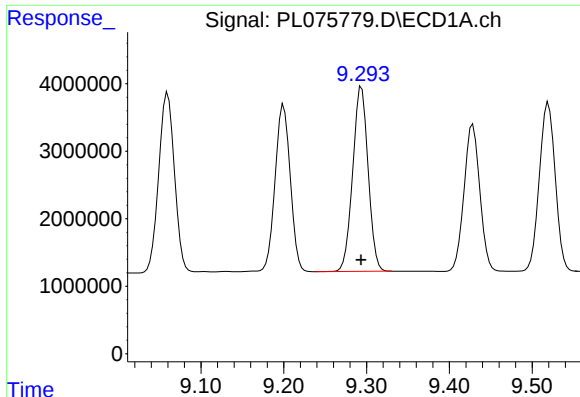
#14 Endrin

R.T.: 9.060 min  
Delta R.T.: 0.000 min  
Response: 35127413  
Conc: 59.25 ng/ml



#14 Endrin

R.T.: 8.041 min  
Delta R.T.: -0.004 min  
Response: 81083524  
Conc: 59.31 ng/ml



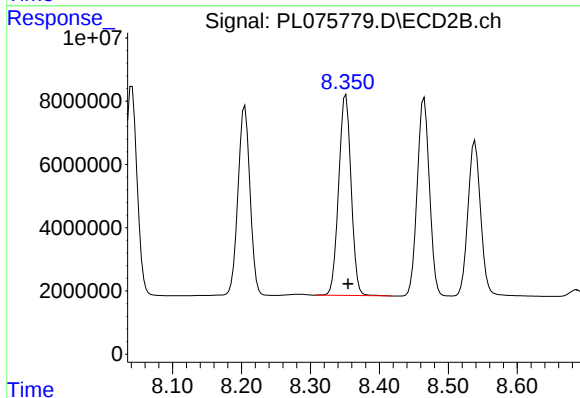
# #15 Endosulfan II

R.T.: 9.294 min  
Delta R.T.: 0.000 min  
Response: 35396808  
Conc: 56.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB145532BS

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# #15 Endosulfan II

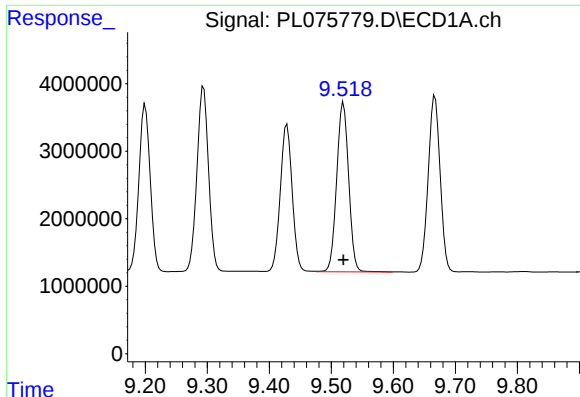
R.T.: 8.351 min  
Delta R.T.: -0.003 min  
Response: 79615216  
Conc: 55.56 ng/ml

# #16 4,4'-DDD

R.T.: 9.200 min  
Delta R.T.: 0.000 min  
Response: 31670515  
Conc: 57.88 ng/ml

# #16 4,4'-DDD

R.T.: 8.205 min  
Delta R.T.: -0.003 min  
Response: 70819682  
Conc: 53.86 ng/ml



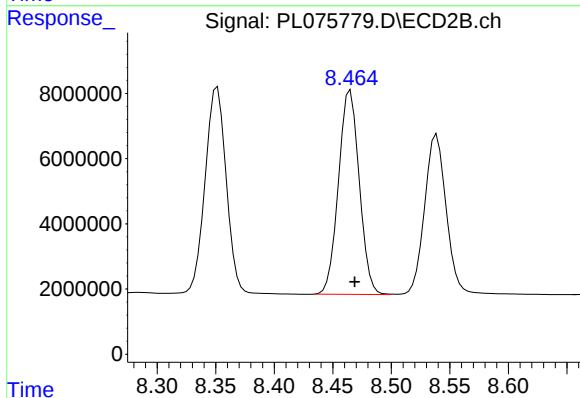
#17 4,4'-DDT

R.T.: 9.520 min  
Delta R.T.: 0.000 min  
Response: 33891439  
Conc: 52.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB145532BS

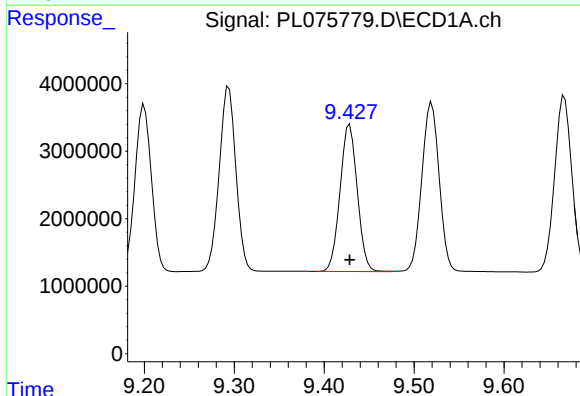
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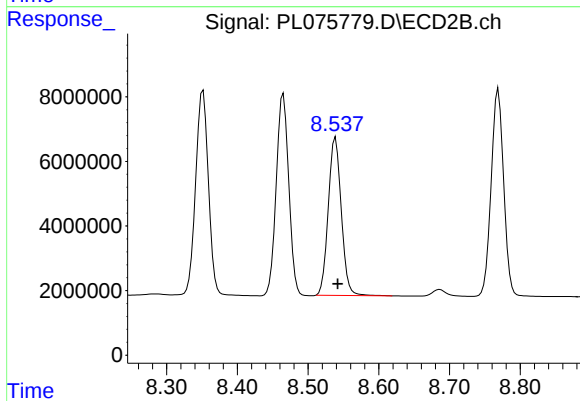
#17 4,4'-DDT

R.T.: 8.464 min  
Delta R.T.: -0.005 min  
Response: 77307280  
Conc: 54.99 ng/ml m



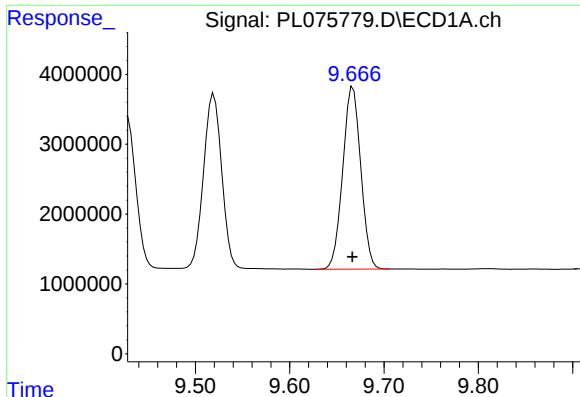
#18 Endrin aldehyde

R.T.: 9.428 min  
Delta R.T.: 0.000 min  
Response: 29041848  
Conc: 56.70 ng/ml



#18 Endrin aldehyde

R.T.: 8.539 min  
Delta R.T.: -0.003 min  
Response: 62404749  
Conc: 55.40 ng/ml



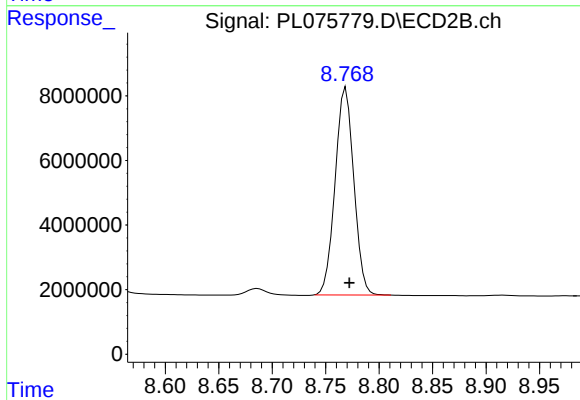
#19 Endosulfan Sulfate

R.T.: 9.667 min  
Delta R.T.: 0.000 min  
Response: 34755449  
Conc: 55.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB145532BS

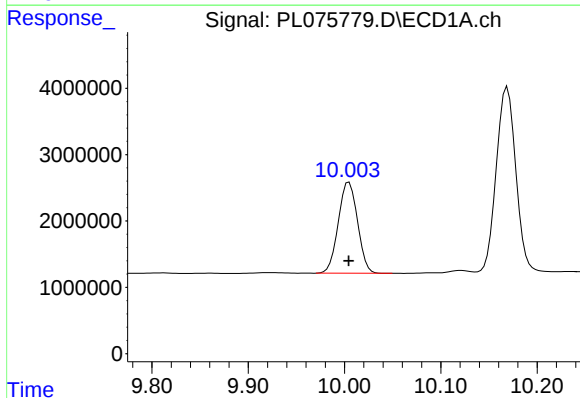
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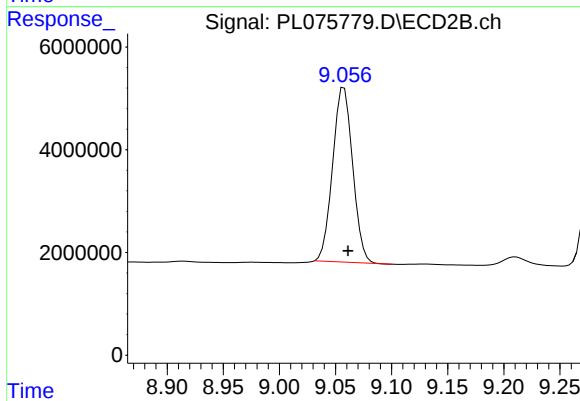
#19 Endosulfan Sulfate

R.T.: 8.769 min  
Delta R.T.: -0.003 min  
Response: 78239292  
Conc: 53.27 ng/ml



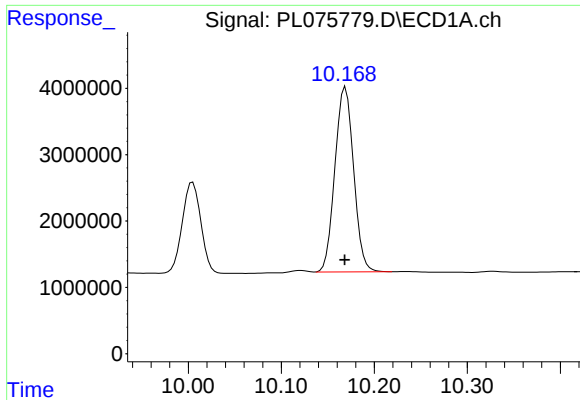
#20 Methoxychlor

R.T.: 10.005 min  
Delta R.T.: 0.000 min  
Response: 19028077  
Conc: 53.16 ng/ml



#20 Methoxychlor

R.T.: 9.058 min  
Delta R.T.: -0.003 min  
Response: 42174743  
Conc: 51.77 ng/ml



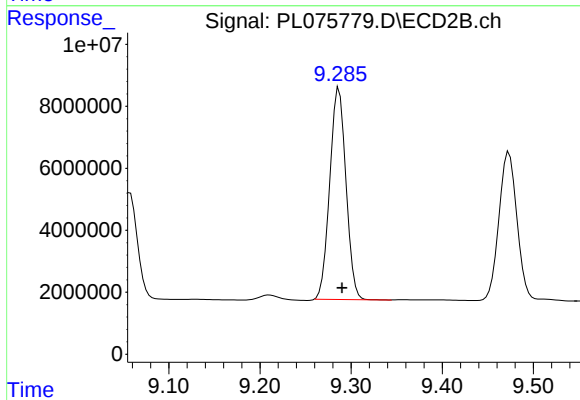
#21 Endrin ketone

R.T.: 10.169 min  
Delta R.T.: 0.000 min  
Response: 38943720  
Conc: 55.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB145532BS

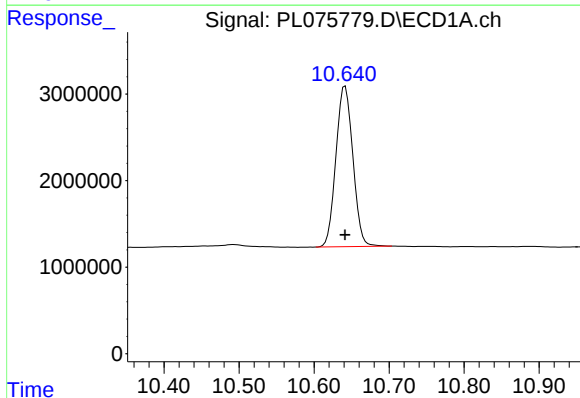
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/15/2022  
Supervised By :Ankita Jodhani 06/15/2022



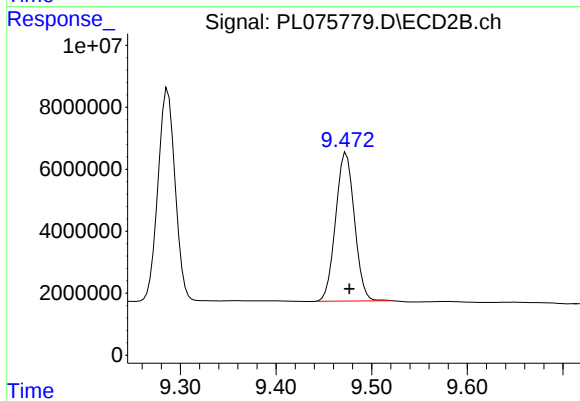
#21 Endrin ketone

R.T.: 9.287 min  
Delta R.T.: -0.004 min  
Response: 84364303  
Conc: 52.26 ng/ml



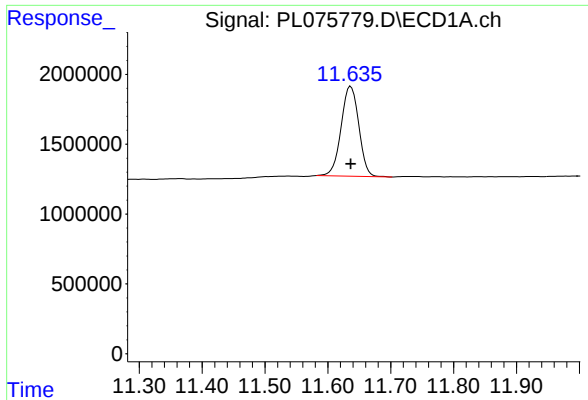
#22 Mirex

R.T.: 10.641 min  
Delta R.T.: 0.000 min  
Response: 29174779  
Conc: 51.84 ng/ml



#22 Mirex

R.T.: 9.473 min  
Delta R.T.: -0.004 min  
Response: 65533252  
Conc: 51.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.636 min  
Delta R.T.: 0.000 min  
Response: 12600620  
Conc: 20.58 ng/ml

Instrument :

ECD\_L

ClientSampleId :

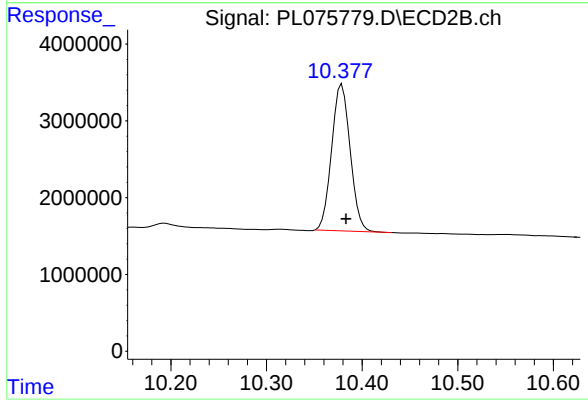
PB145532BS

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 06/15/2022

Supervised By :Ankita Jodhani 06/15/2022



#28 Decachlorobiphenyl

R.T.: 10.379 min  
Delta R.T.: -0.004 min  
Response: 25666226  
Conc: 18.22 ng/ml