

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061223\  
 Data File : PL083376.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Jun 2023 16:17  
 Operator : AR\AJ  
 Sample : 03117-04MSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TP-2GAMSD

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 06/13/2023  
 Supervised By : Ankita Jodhani 06/13/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 12 22:22:21 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051923.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 20 04:58:53 2023  
 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... | 3.315 | 2.633 | 52398971 | 41238255 | 17.829 | 15.885  |
| 28)                         | SA Decachlor... | 8.735 | 7.737 | 33152400 | 35744654 | 15.807 | 14.375  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.764 | 3.129 | 176.0E6  | 140.3E6  | 39.653 | 37.588  |
| 3)                          | MA gamma-BHC... | 4.093 | 3.455 | 166.2E6  | 129.9E6  | 40.119 | 38.980  |
| 4)                          | MA Heptachlor   | 4.670 | 3.786 | 165.0E6  | 143.4E6  | 43.163 | 39.158  |
| 5)                          | MB Aldrin       | 5.007 | 4.061 | 153.3E6  | 127.7E6  | 43.582 | 39.237  |
| 6)                          | B beta-BHC      | 4.297 | 3.756 | 75453956 | 56624841 | 40.077 | 39.595  |
| 7)                          | B delta-BHC     | 4.538 | 3.981 | 119.5E6  | 92873886 | 34.746 | 28.346  |
| 8)                          | B Heptachlo...  | 5.433 | 4.562 | 140.7E6  | 118.2E6  | 43.973 | 39.833  |
| 9)                          | A Endosulfan I  | 5.815 | 4.930 | 130.6E6  | 112.9E6  | 43.531 | 40.387  |
| 10)                         | B gamma-Chl...  | 5.689 | 4.811 | 141.9E6  | 121.3E6  | 44.664 | 40.375  |
| 11)                         | B alpha-Chl...  | 5.766 | 4.874 | 139.8E6  | 121.2E6  | 43.572 | 40.359  |
| 12)                         | B 4,4'-DDE      | 5.945 | 5.064 | 125.6E6  | 103.4E6  | 45.557 | 42.591  |
| 13)                         | MA Dieldrin     | 6.089 | 5.193 | 131.6E6  | 112.6E6  | 43.757 | 39.876  |
| 14)                         | MA Endrin       | 6.317 | 5.467 | 115.5E6  | 100.3E6  | 42.996 | 39.518  |
| 15)                         | B Endosulfa...  | 6.540 | 5.765 | 106.7E6  | 98286856 | 39.445 | 39.725  |
| 16)                         | A 4,4'-DDD      | 6.461 | 5.619 | 101.1E6  | 83415819 | 46.506 | 43.373  |
| 17)                         | MA 4,4'-DDT     | 6.773 | 5.865 | 106.1E6  | 90684423 | 42.373 | 40.647m |
| 18)                         | B Endrin al...  | 6.670 | 5.944 | 85424590 | 75622553 | 42.486 | 38.242  |
| 19)                         | B Endosulfa...  | 6.904 | 6.167 | 108.1E6  | 95339060 | 42.178 | 38.930  |
| 20)                         | A Methoxychlor  | 7.254 | 6.446 | 57402193 | 51822020 | 43.408 | 40.749  |
| 21)                         | B Endrin ke...  | 7.384 | 6.671 | 113.2E6  | 109.1E6  | 44.388 | 40.353  |
| 22)                         | Mirex           | 7.848 | 6.842 | 91581666 | 96098214 | 43.693 | 41.071  |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061223\  
Data File : PL083376.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Jun 2023 16:17  
Operator : AR\AJ  
Sample : 03117-04MSD  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

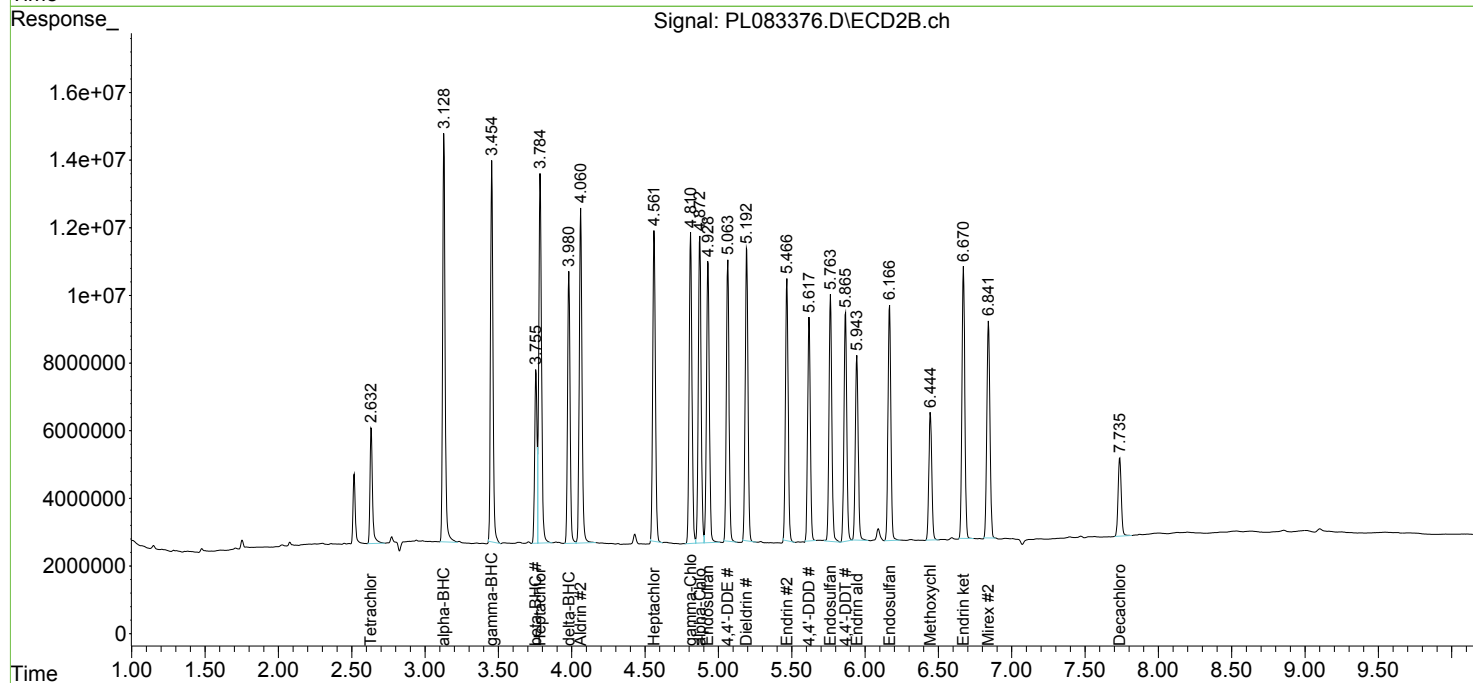
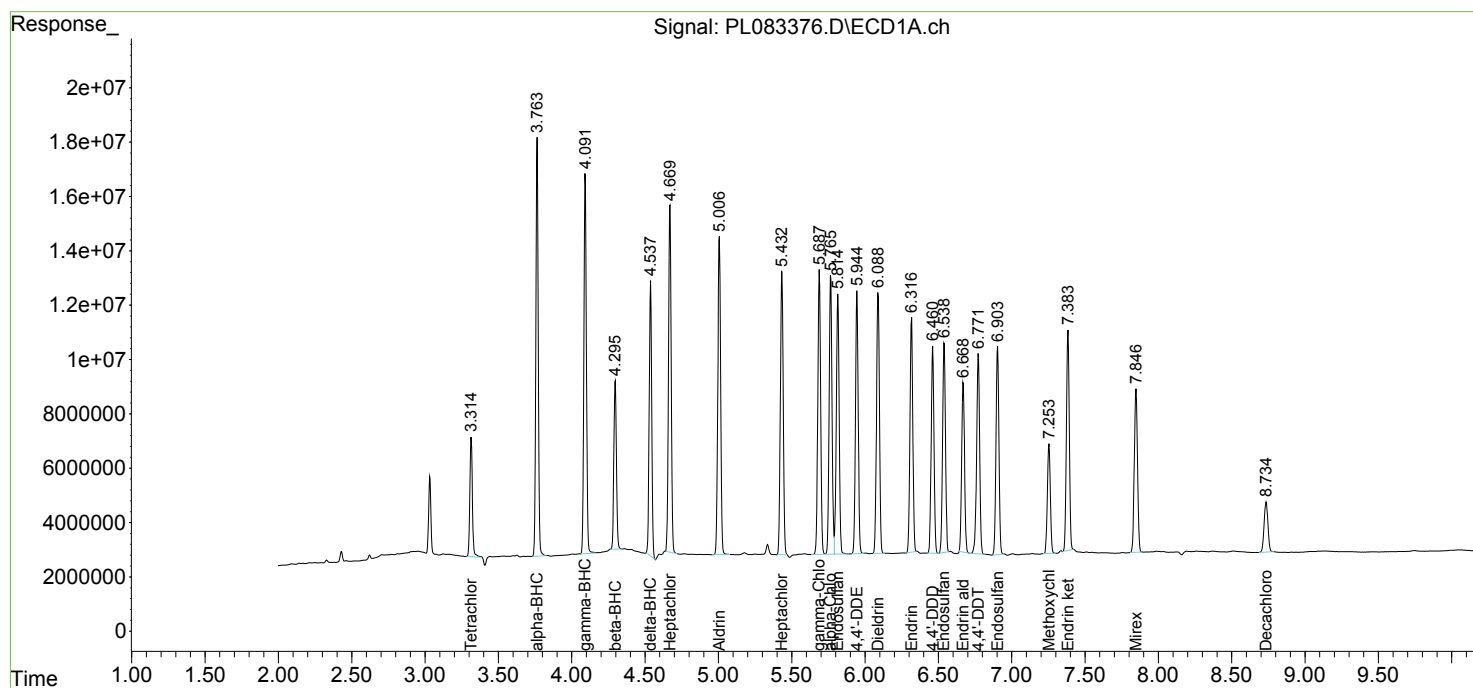
Instrument :  
ECD\_L  
ClientSampleId :  
TP-2GAMSD

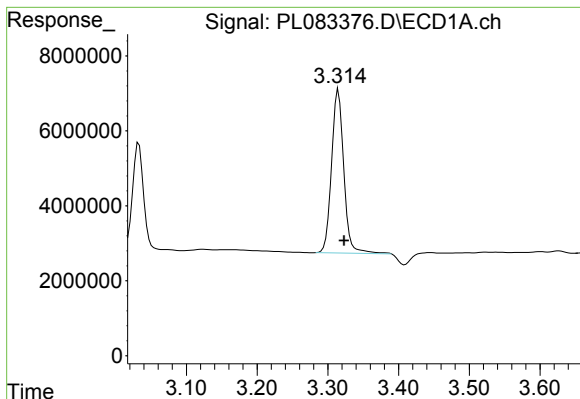
Manual Integrations  
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Reviewed By :Abdul Mirza 06/13/2023  
Supervised By :Ankita Jodhani 06/13/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 12 22:22:21 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051923.M  
Quant Title : GC Extractables  
QLast Update : Sat May 20 04:58:53 2023  
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





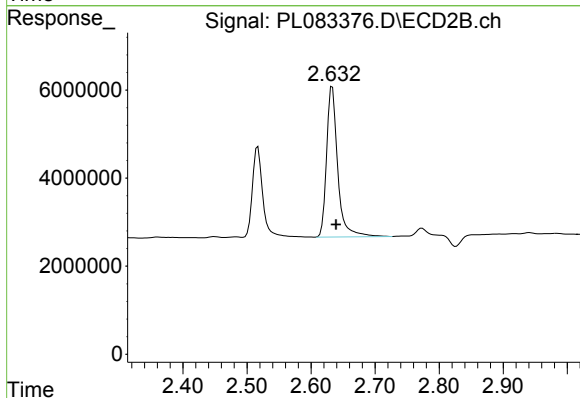
#1 Tetrachloro-m-xylene

R.T.: 3.315 min  
Delta R.T.: -0.008 min  
Response: 52398971  
Conc: 17.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2GAMSD

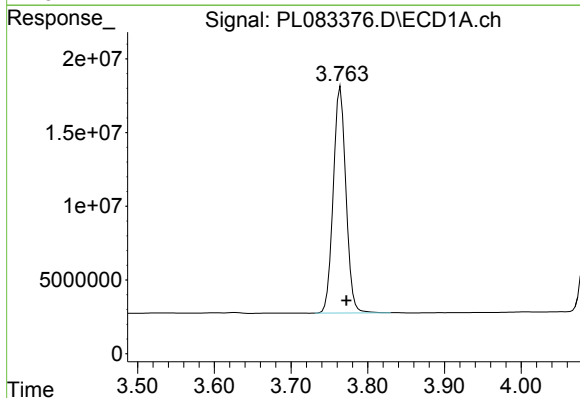
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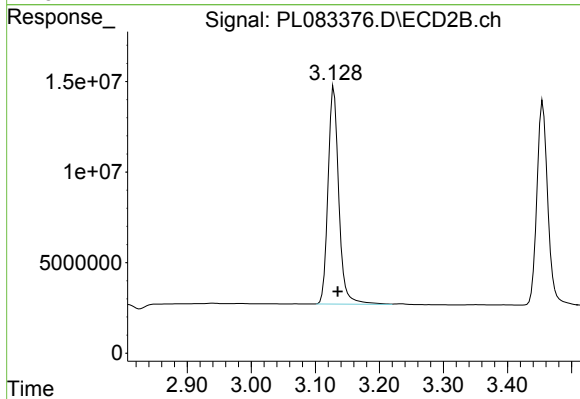
#1 Tetrachloro-m-xylene

R.T.: 2.633 min  
Delta R.T.: -0.006 min  
Response: 41238255  
Conc: 15.88 ng/ml



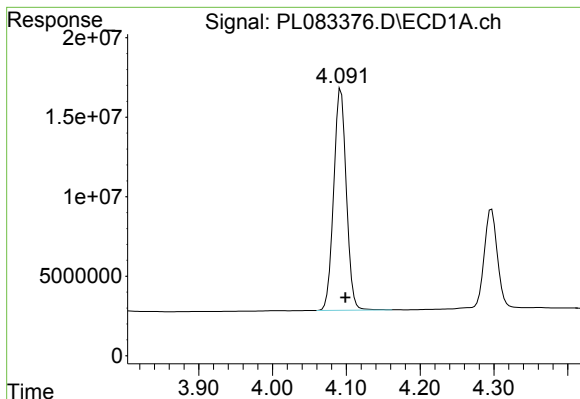
#2 alpha-BHC

R.T.: 3.764 min  
Delta R.T.: -0.008 min  
Response: 176028494  
Conc: 39.65 ng/ml



#2 alpha-BHC

R.T.: 3.129 min  
Delta R.T.: -0.006 min  
Response: 140257451  
Conc: 37.59 ng/ml



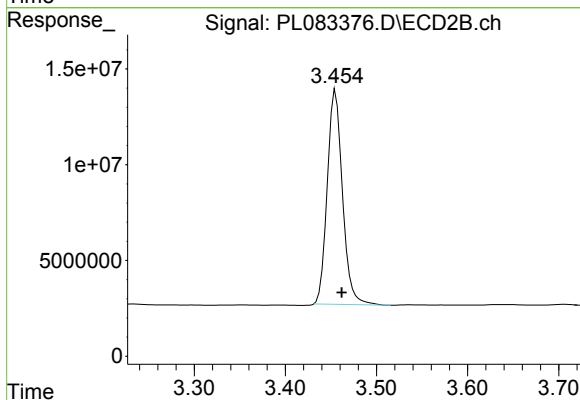
#3 gamma-BHC (Lindane)

R.T.: 4.093 min  
Delta R.T.: -0.006 min  
Response: 166211115  
Conc: 40.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2GAMSD

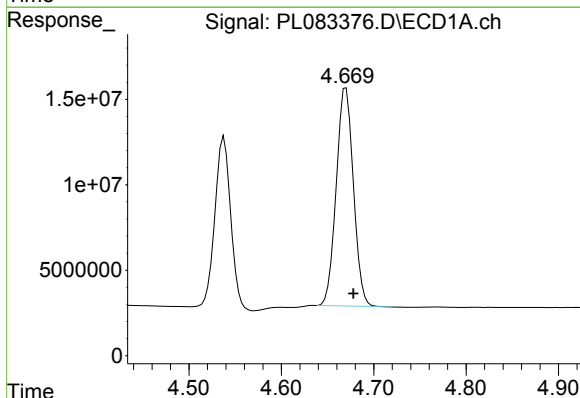
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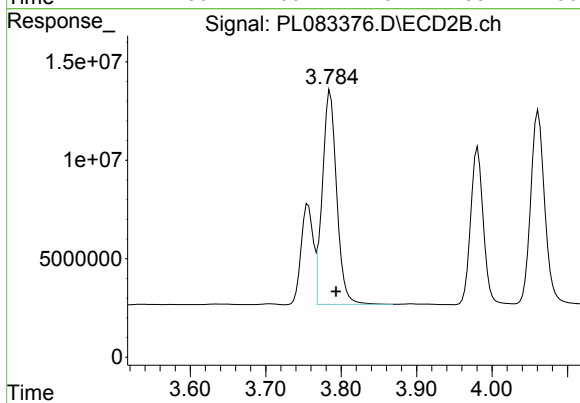
#3 gamma-BHC (Lindane)

R.T.: 3.455 min  
Delta R.T.: -0.007 min  
Response: 129930935  
Conc: 38.98 ng/ml



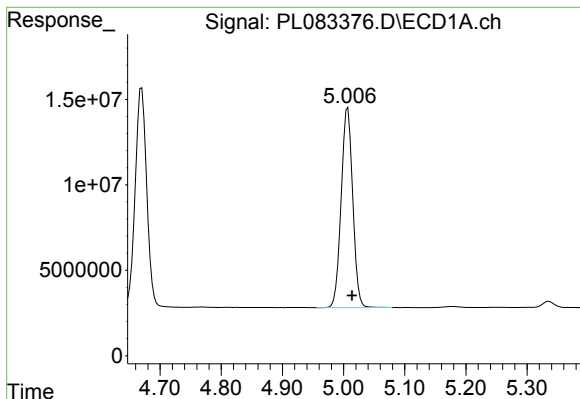
#4 Heptachlor

R.T.: 4.670 min  
Delta R.T.: -0.008 min  
Response: 164988824  
Conc: 43.16 ng/ml



#4 Heptachlor

R.T.: 3.786 min  
Delta R.T.: -0.008 min  
Response: 143361494  
Conc: 39.16 ng/ml



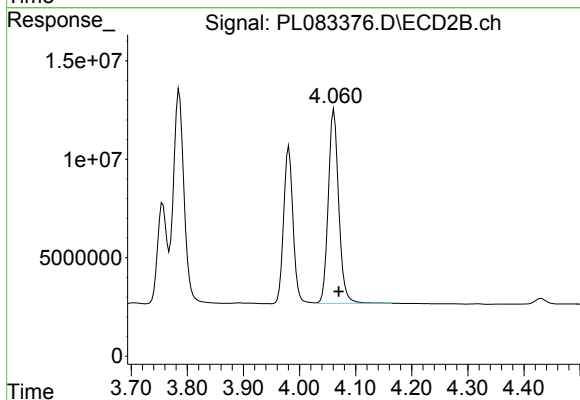
#5 Aldrin

R.T.: 5.007 min  
Delta R.T.: -0.007 min  
Response: 153327625  
Conc: 43.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2GAMSD

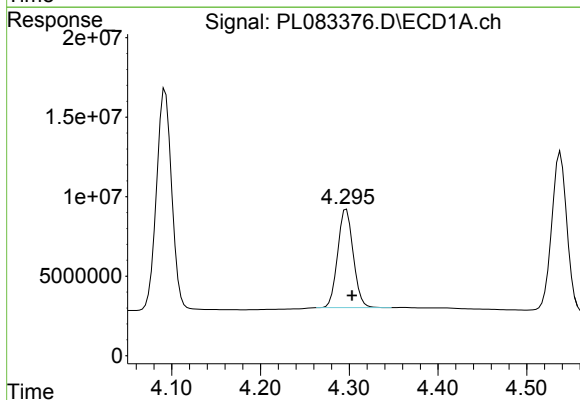
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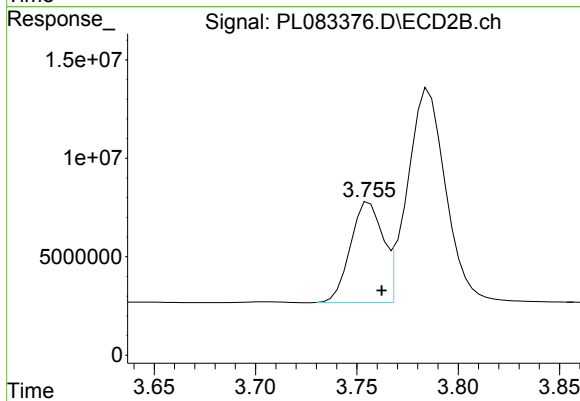
#5 Aldrin

R.T.: 4.061 min  
Delta R.T.: -0.008 min  
Response: 127661713  
Conc: 39.24 ng/ml



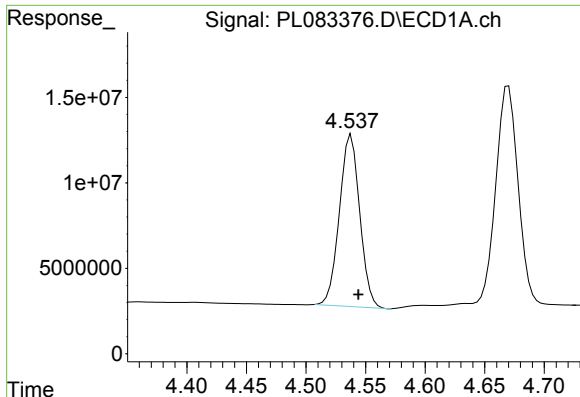
#6 beta-BHC

R.T.: 4.297 min  
Delta R.T.: -0.006 min  
Response: 75453956  
Conc: 40.08 ng/ml



#6 beta-BHC

R.T.: 3.756 min  
Delta R.T.: -0.006 min  
Response: 56624841  
Conc: 39.60 ng/ml



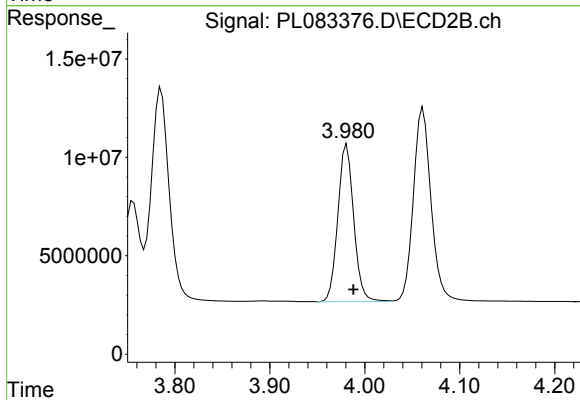
#7 delta-BHC

R.T.: 4.538 min  
Delta R.T.: -0.006 min  
Response: 119488965  
Conc: 34.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2GAMSD

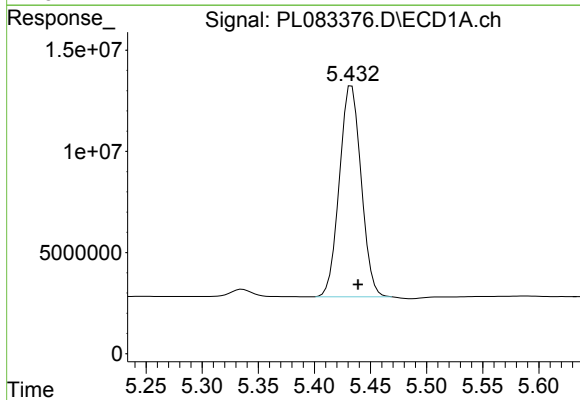
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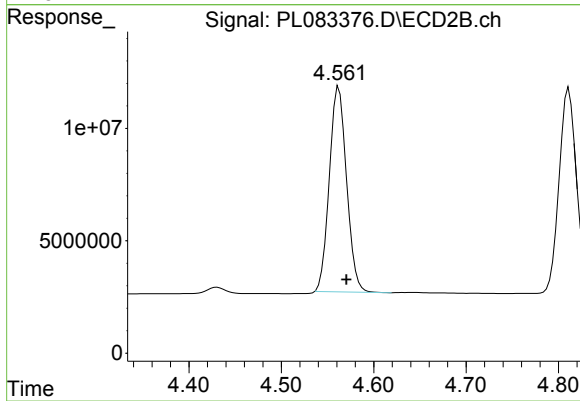
#7 delta-BHC

R.T.: 3.981 min  
Delta R.T.: -0.007 min  
Response: 92873886  
Conc: 28.35 ng/ml



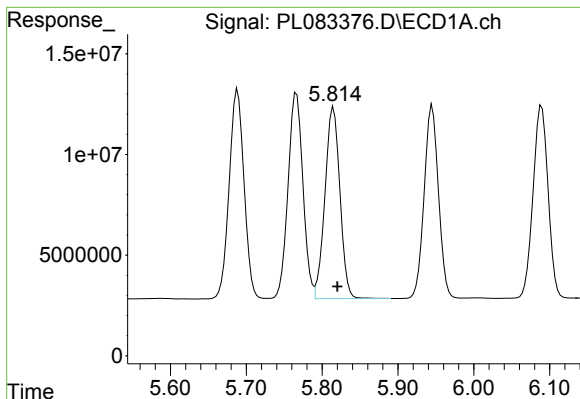
#8 Heptachlor epoxide

R.T.: 5.433 min  
Delta R.T.: -0.006 min  
Response: 140655614  
Conc: 43.97 ng/ml



#8 Heptachlor epoxide

R.T.: 4.562 min  
Delta R.T.: -0.008 min  
Response: 118220488  
Conc: 39.83 ng/ml



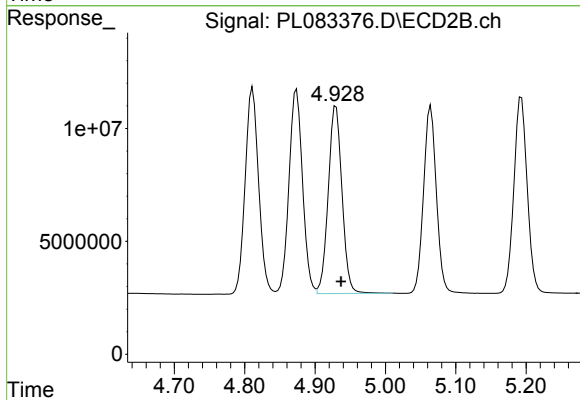
#9 Endosulfan I

R.T.: 5.815 min  
Delta R.T.: -0.005 min  
Response: 130617593  
Conc: 43.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2GAMSD

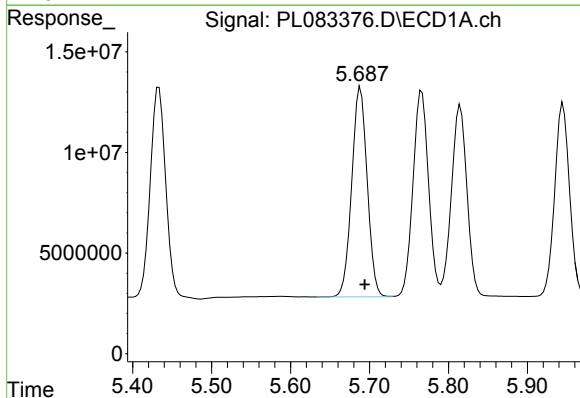
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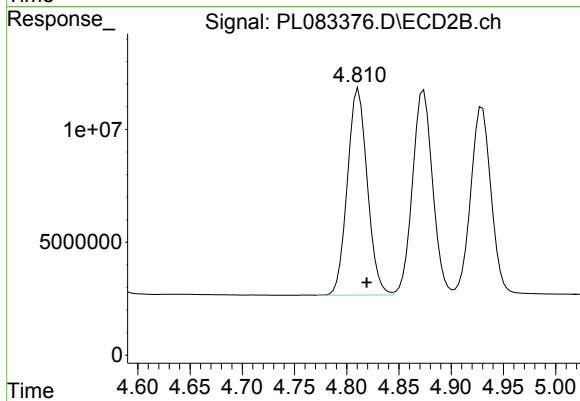
#9 Endosulfan I

R.T.: 4.930 min  
Delta R.T.: -0.007 min  
Response: 112856587  
Conc: 40.39 ng/ml



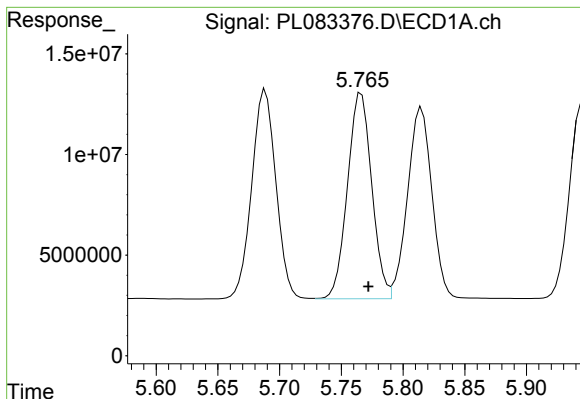
#10 gamma-Chlordane

R.T.: 5.689 min  
Delta R.T.: -0.005 min  
Response: 141895891  
Conc: 44.66 ng/ml



#10 gamma-Chlordane

R.T.: 4.811 min  
Delta R.T.: -0.008 min  
Response: 121260767  
Conc: 40.37 ng/ml



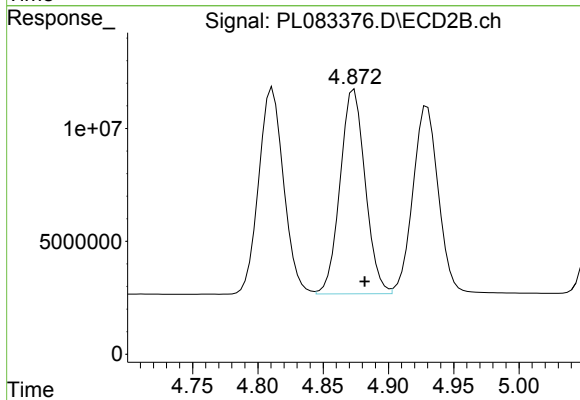
#11 alpha-Chlordane

R.T.: 5.766 min  
Delta R.T.: -0.006 min  
Response: 139835242  
Conc: 43.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2GAMSD

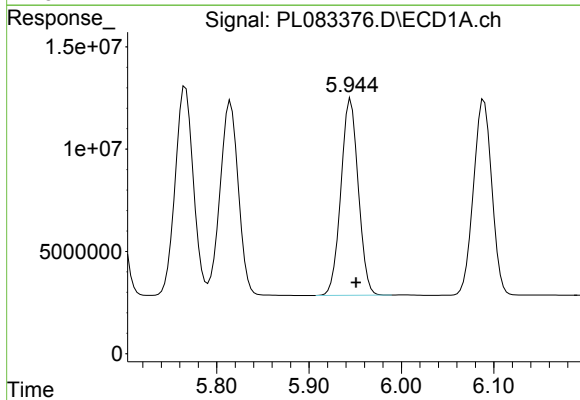
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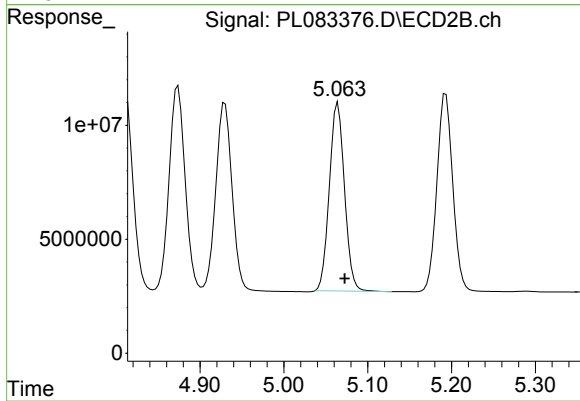
#11 alpha-Chlordane

R.T.: 4.874 min  
Delta R.T.: -0.008 min  
Response: 121157240  
Conc: 40.36 ng/ml



#12 4,4'-DDE

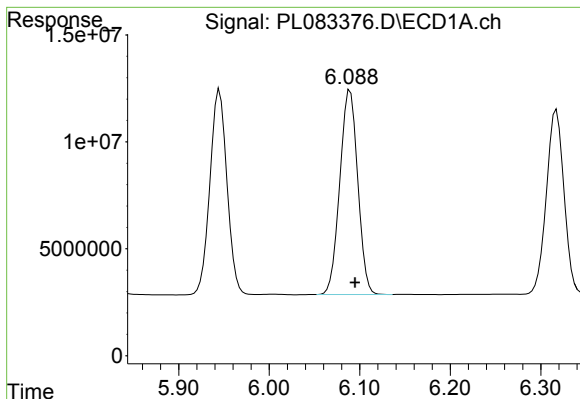
R.T.: 5.945 min  
Delta R.T.: -0.006 min  
Response: 125577636  
Conc: 45.56 ng/ml



#12 4,4'-DDE

R.T.: 5.064 min  
Delta R.T.: -0.008 min  
Response: 103442640  
Conc: 42.59 ng/ml





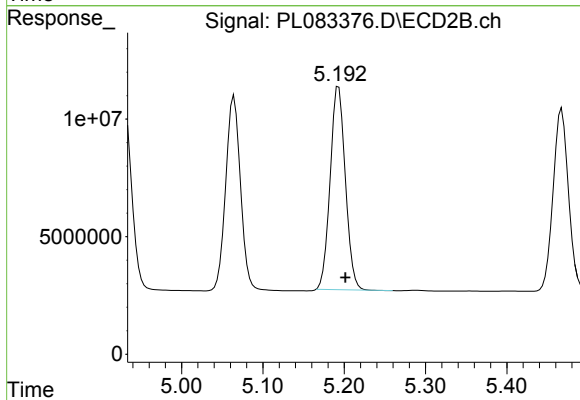
#13 Dieldrin

R.T.: 6.089 min  
Delta R.T.: -0.006 min  
Response: 131614182  
Conc: 43.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2GAMSD

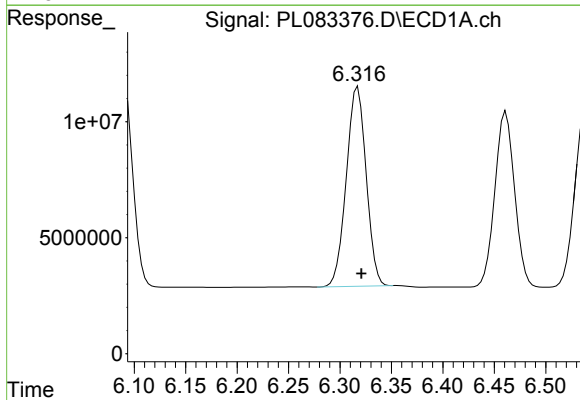
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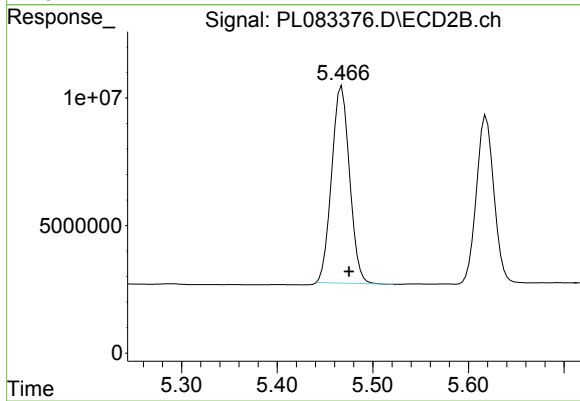
#13 Dieldrin

R.T.: 5.193 min  
Delta R.T.: -0.008 min  
Response: 112567026  
Conc: 39.88 ng/ml



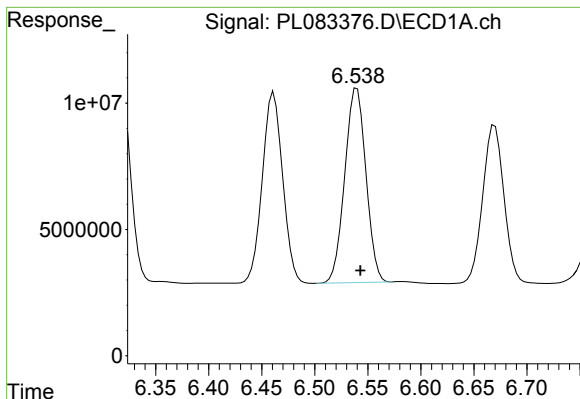
#14 Endrin

R.T.: 6.317 min  
Delta R.T.: -0.004 min  
Response: 115541263  
Conc: 43.00 ng/ml



#14 Endrin

R.T.: 5.467 min  
Delta R.T.: -0.007 min  
Response: 100254526  
Conc: 39.52 ng/ml



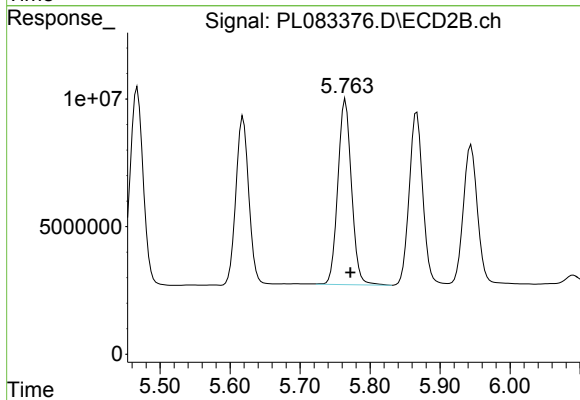
#15 Endosulfan II

R.T.: 6.540 min  
Delta R.T.: -0.003 min  
Response: 106689492  
Conc: 39.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2GAMSD

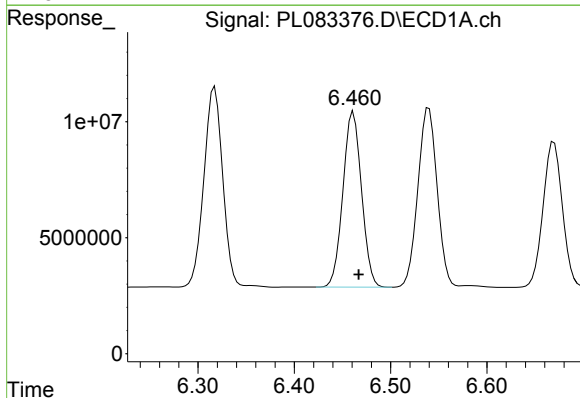
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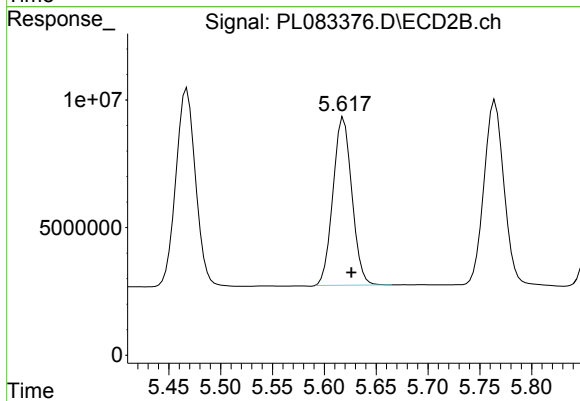
#15 Endosulfan II

R.T.: 5.765 min  
Delta R.T.: -0.007 min  
Response: 98286856  
Conc: 39.72 ng/ml



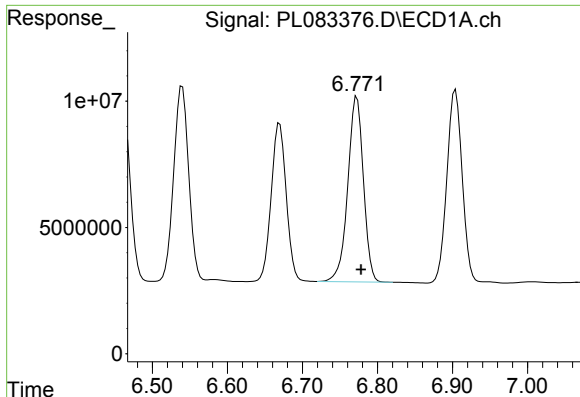
#16 4,4'-DDD

R.T.: 6.461 min  
Delta R.T.: -0.006 min  
Response: 101060888  
Conc: 46.51 ng/ml



#16 4,4'-DDD

R.T.: 5.619 min  
Delta R.T.: -0.008 min  
Response: 83415819  
Conc: 43.37 ng/ml



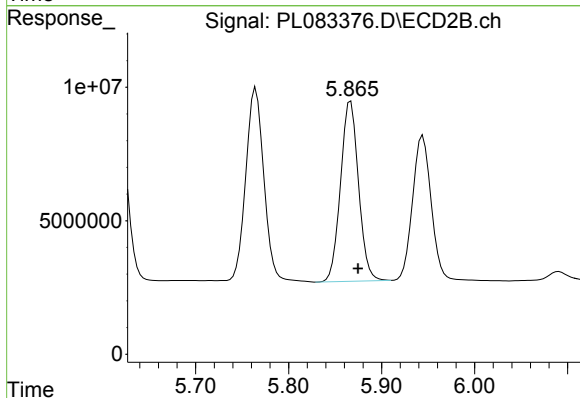
#17 4,4'-DDT

R.T.: 6.773 min  
Delta R.T.: -0.005 min  
Response: 106066501  
Conc: 42.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2GAMSD

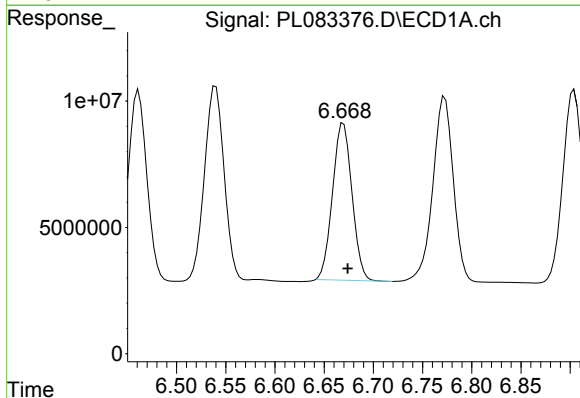
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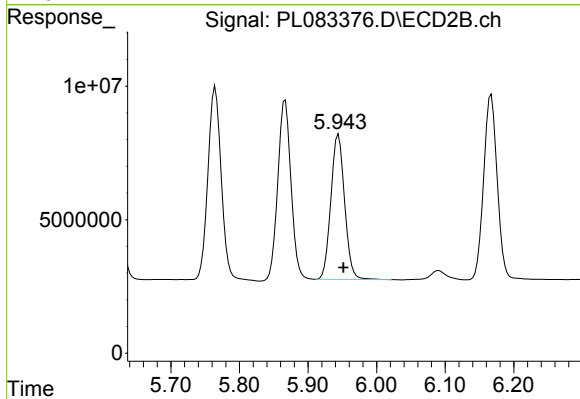
#17 4,4'-DDT

R.T.: 5.865 min  
Delta R.T.: -0.009 min  
Response: 90684423  
Conc: 40.65 ng/ml m



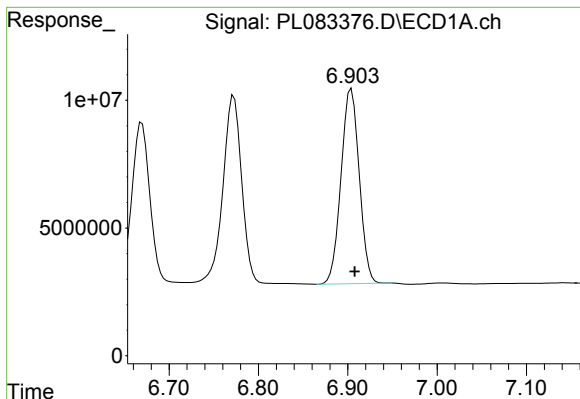
#18 Endrin aldehyde

R.T.: 6.670 min  
Delta R.T.: -0.004 min  
Response: 85424590  
Conc: 42.49 ng/ml



#18 Endrin aldehyde

R.T.: 5.944 min  
Delta R.T.: -0.007 min  
Response: 75622553  
Conc: 38.24 ng/ml



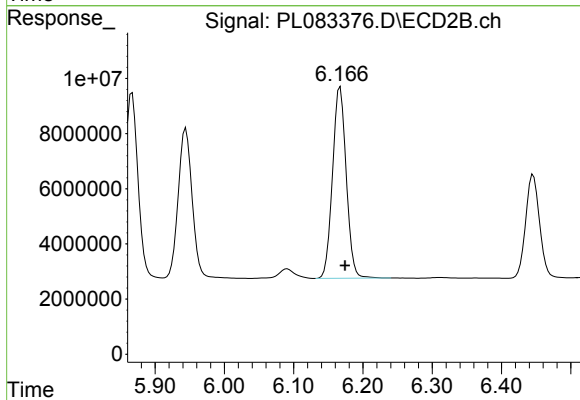
#19 Endosulfan Sulfate

R.T.: 6.904 min  
Delta R.T.: -0.004 min  
Response: 108131506  
Conc: 42.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2GAMSD

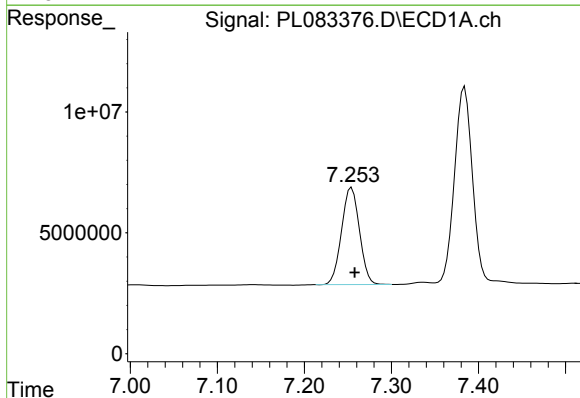
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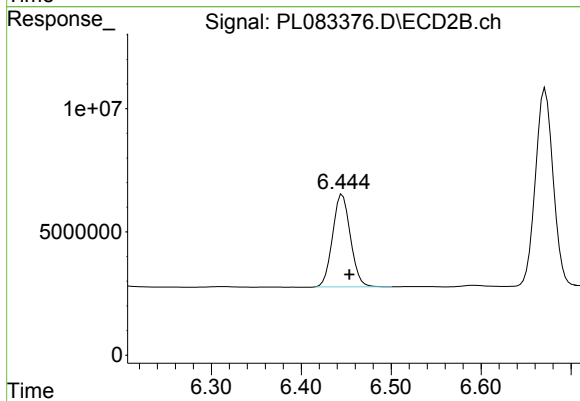
#19 Endosulfan Sulfate

R.T.: 6.167 min  
Delta R.T.: -0.007 min  
Response: 95339060  
Conc: 38.93 ng/ml



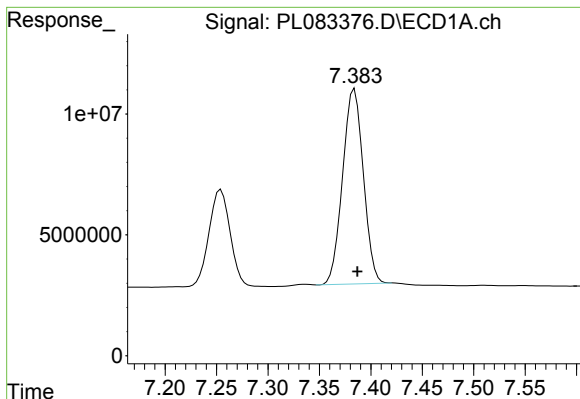
#20 Methoxychlor

R.T.: 7.254 min  
Delta R.T.: -0.004 min  
Response: 57402193  
Conc: 43.41 ng/ml



#20 Methoxychlor

R.T.: 6.446 min  
Delta R.T.: -0.008 min  
Response: 51822020  
Conc: 40.75 ng/ml



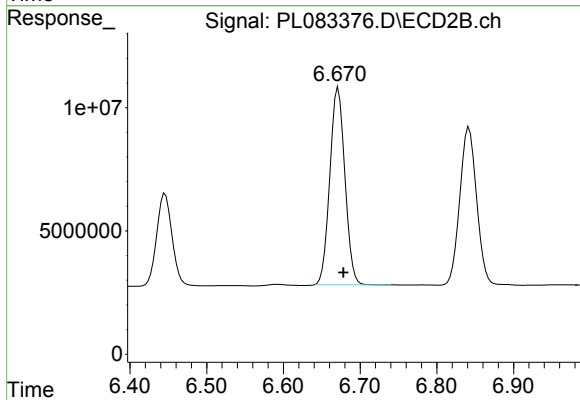
#21 Endrin ketone

R.T.: 7.384 min  
Delta R.T.: -0.003 min  
Response: 113224083  
Conc: 44.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2GAMSD

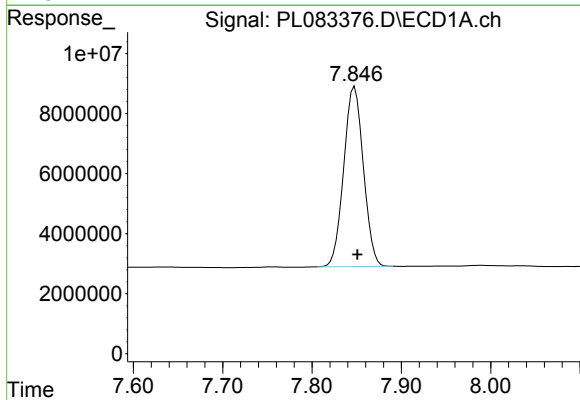
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/13/2023  
Supervised By :Ankita Jodhani 06/13/2023



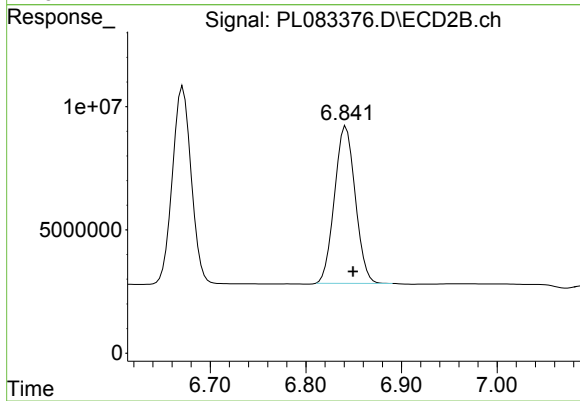
#21 Endrin ketone

R.T.: 6.671 min  
Delta R.T.: -0.007 min  
Response: 109109522  
Conc: 40.35 ng/ml



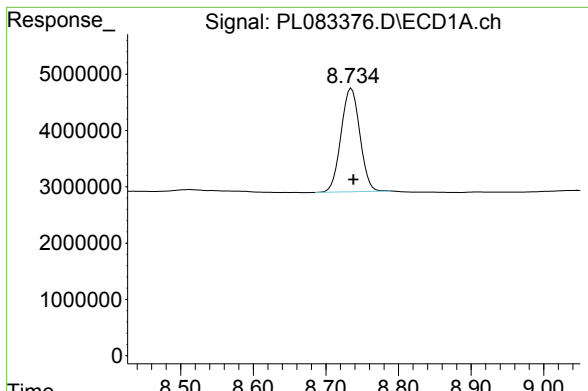
#22 Mirex

R.T.: 7.848 min  
Delta R.T.: -0.003 min  
Response: 91581666  
Conc: 43.69 ng/ml



#22 Mirex

R.T.: 6.842 min  
Delta R.T.: -0.007 min  
Response: 96098214  
Conc: 41.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.735 min  
Delta R.T.: -0.003 min  
Response: 33152400  
Conc: 15.81 ng/ml

Instrument :

ECD\_L

ClientSampleId :

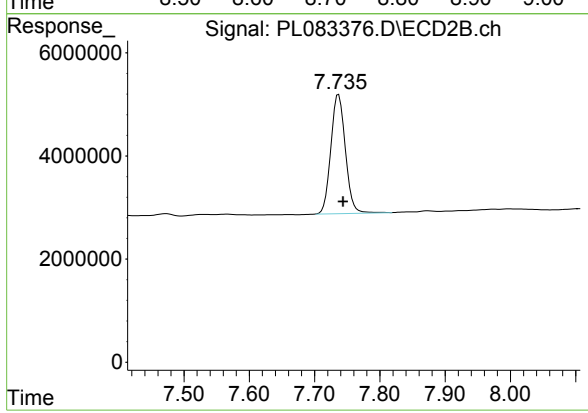
TP-2GAMSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 06/13/2023

Supervised By :Ankita Jodhani 06/13/2023



#28 Decachlorobiphenyl

R.T.: 7.737 min  
Delta R.T.: -0.007 min  
Response: 35744654  
Conc: 14.38 ng/ml