

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050423\  
 Data File : PL082526.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 May 2023 19:51  
 Operator : AR\AJ  
 Sample : 02604-01MS  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TF-1MS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 05/06/2023  
 Supervised By :Ankita Jodhani 05/08/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 04 21:27:50 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 21 03:12:31 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... | 3.320 | 2.643 | 51688955 | 42797615 | 19.350  | 18.473  |
| 28)                         | SA Decachlor... | 8.738 | 7.753 | 34988063 | 40138753 | 18.327  | 17.585  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.770 | 3.140 | 176.9E6  | 145.4E6  | 44.453  | 42.712  |
| 3)                          | MA gamma-BHC... | 4.098 | 3.468 | 174.2E6  | 145.0E6  | 46.588  | 45.083  |
| 4)                          | MA Heptachlor   | 4.675 | 3.799 | 167.2E6  | 146.2E6  | 45.746  | 42.696  |
| 5)                          | MB Aldrin       | 5.013 | 4.076 | 158.2E6  | 145.6E6  | 47.987  | 46.234  |
| 6)                          | B beta-BHC      | 4.301 | 3.768 | 75301985 | 59252644 | 44.152  | 43.428  |
| 7)                          | B delta-BHC     | 4.542 | 3.993 | 131.6E6  | 111.2E6  | 36.590  | 36.239  |
| 8)                          | B Heptachlo...  | 5.438 | 4.577 | 145.0E6  | 133.4E6  | 47.551  | 46.299  |
| 9)                          | A Endosulfan I  | 5.819 | 4.944 | 132.5E6  | 122.6E6  | 47.779  | 45.915  |
| 10)                         | B gamma-Chl...  | 5.691 | 4.826 | 141.0E6  | 132.5E6  | 46.893m | 45.669  |
| 11)                         | B alpha-Chl...  | 5.771 | 4.889 | 143.6E6  | 133.5E6  | 48.107  | 45.993  |
| 12)                         | B 4,4'-DDE      | 5.950 | 5.079 | 123.7E6  | 112.0E6  | 48.667  | 48.727  |
| 13)                         | MA Dieldrin     | 6.094 | 5.208 | 134.9E6  | 128.5E6  | 48.882  | 47.600  |
| 14)                         | MA Endrin       | 6.321 | 5.482 | 118.0E6  | 114.2E6  | 48.661  | 46.675  |
| 15)                         | B Endosulfa...  | 6.544 | 5.779 | 114.3E6  | 113.7E6  | 46.961  | 50.434  |
| 16)                         | A 4,4'-DDD      | 6.465 | 5.633 | 100.8E6  | 92006732 | 49.719  | 49.191  |
| 17)                         | MA 4,4'-DDT     | 6.777 | 5.882 | 103.2E6  | 102.2E6  | 45.102  | 48.379  |
| 18)                         | B Endrin al...  | 6.673 | 5.959 | 93838946 | 89652076 | 49.804  | 47.907  |
| 19)                         | B Endosulfa...  | 6.908 | 6.182 | 111.3E6  | 107.6E6  | 46.919  | 45.706  |
| 20)                         | A Methoxychlor  | 7.257 | 6.461 | 59538777 | 58541111 | 48.789  | 48.308  |
| 21)                         | B Endrin ke...  | 7.387 | 6.685 | 120.0E6  | 125.4E6  | 50.115  | 49.417m |
| 22)                         | Mirex           | 7.851 | 6.856 | 92223128 | 106.4E6  | 47.141  | 46.165m |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050423\  
Data File : PL082526.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 May 2023 19:51  
Operator : AR\AJ  
Sample : 02604-01MS  
Misc :  
ALS Vial : 40 Sample Multiplier: 1

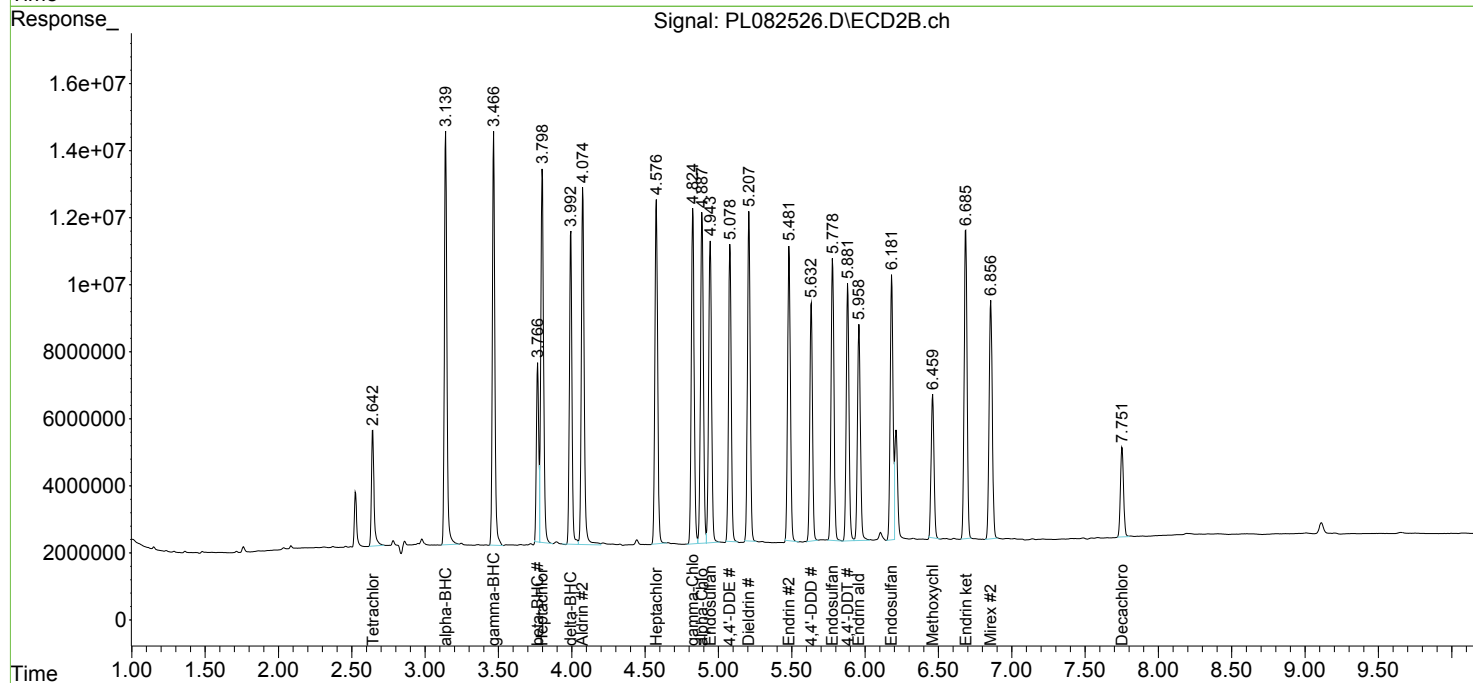
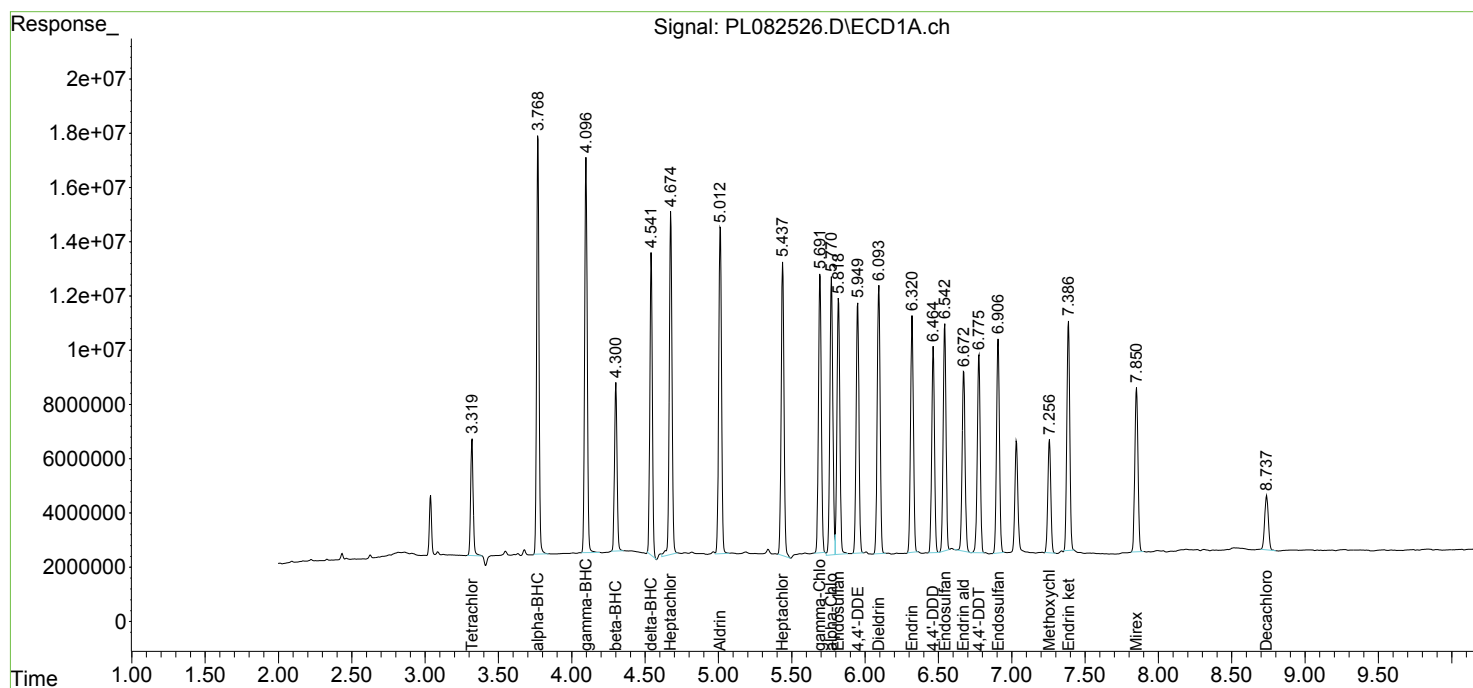
Instrument :  
ECD\_L  
ClientSampleId :  
TF-1MS

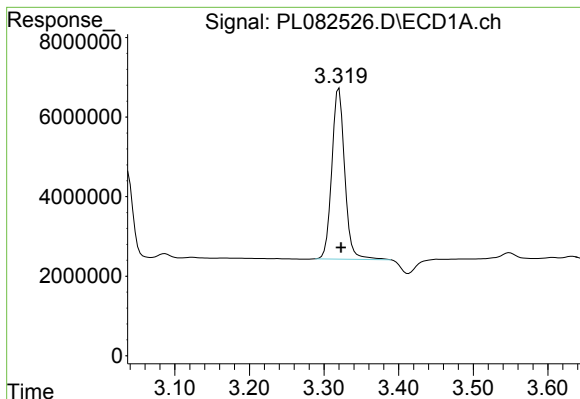
Manual Integrations  
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Supervised By :Ankita Jodhani 05/08/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 04 21:27:50 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 21 03:12:31 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





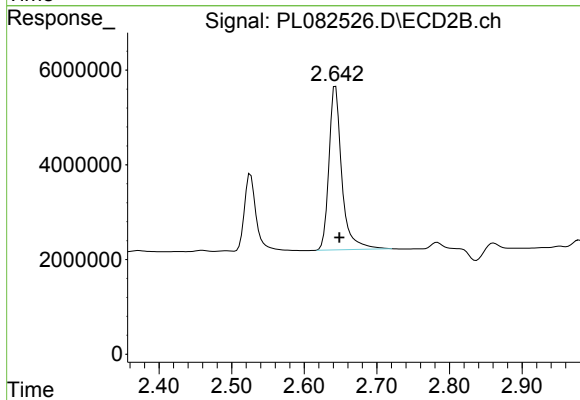
#1 Tetrachloro-m-xylene

R.T.: 3.320 min  
Delta R.T.: -0.003 min  
Response: 51688955  
Conc: 19.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TF-1MS

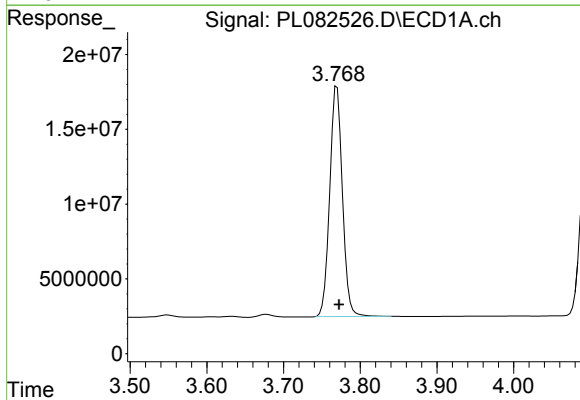
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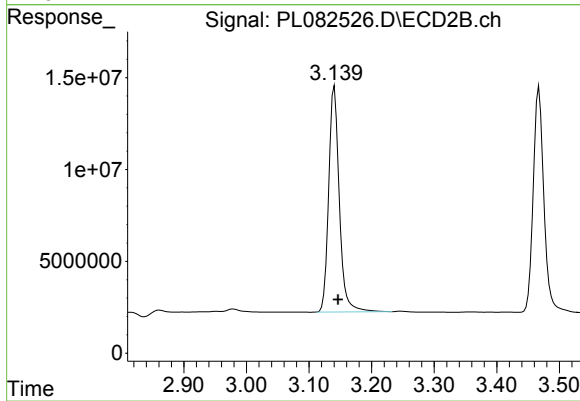
#1 Tetrachloro-m-xylene

R.T.: 2.643 min  
Delta R.T.: -0.005 min  
Response: 42797615  
Conc: 18.47 ng/ml



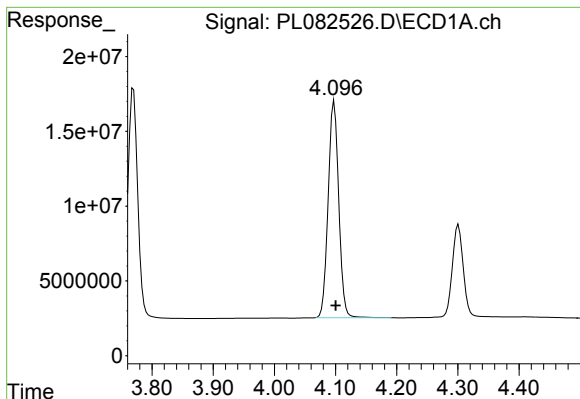
#2 alpha-BHC

R.T.: 3.770 min  
Delta R.T.: -0.003 min  
Response: 176932890  
Conc: 44.45 ng/ml



#2 alpha-BHC

R.T.: 3.140 min  
Delta R.T.: -0.006 min  
Response: 145368427  
Conc: 42.71 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.098 min  
Delta R.T.: -0.003 min  
Response: 174188007  
Conc: 46.59 ng/ml

Instrument :

ECD\_L

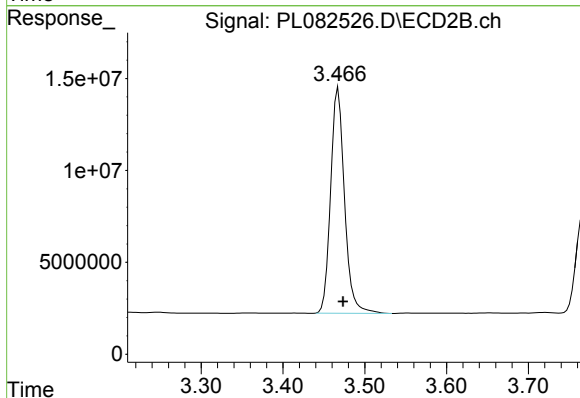
ClientSampleId :

TF-1MS

Manual Integrations

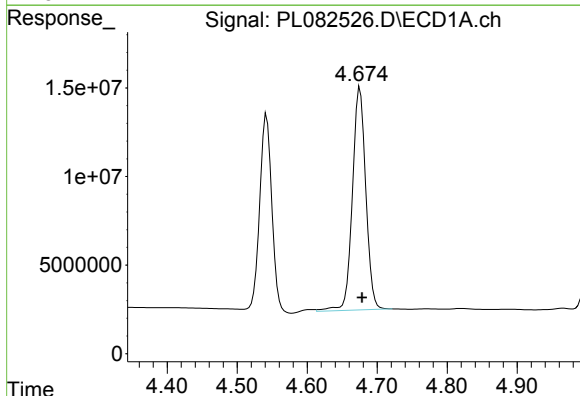
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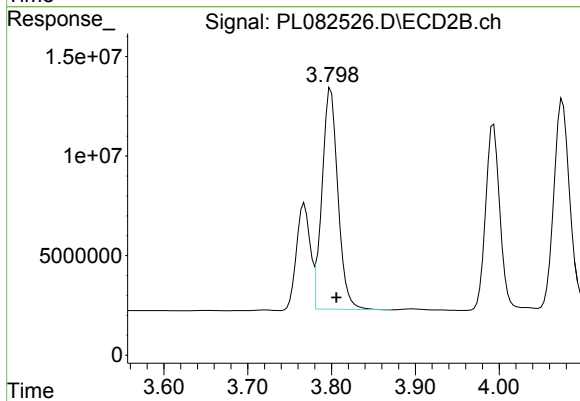
#3 gamma-BHC (Lindane)

R.T.: 3.468 min  
Delta R.T.: -0.006 min  
Response: 144954550  
Conc: 45.08 ng/ml



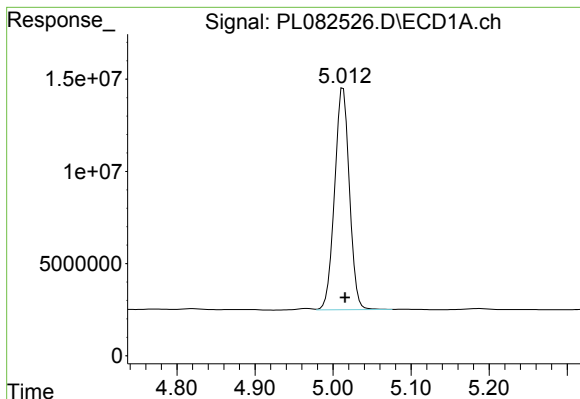
#4 Heptachlor

R.T.: 4.675 min  
Delta R.T.: -0.003 min  
Response: 167153244  
Conc: 45.75 ng/ml



#4 Heptachlor

R.T.: 3.799 min  
Delta R.T.: -0.007 min  
Response: 146159686  
Conc: 42.70 ng/ml



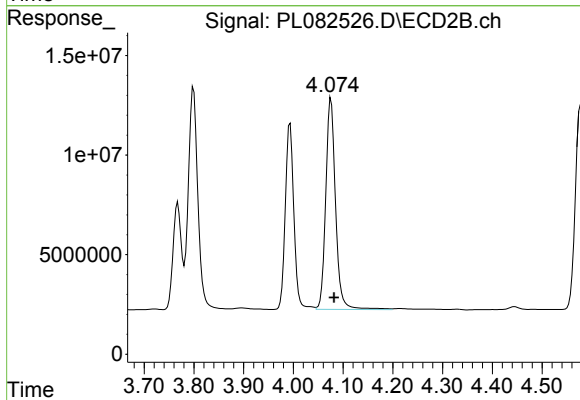
#5 Aldrin

R.T.: 5.013 min  
Delta R.T.: -0.003 min  
Response: 158240028  
Conc: 47.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TF-1MS

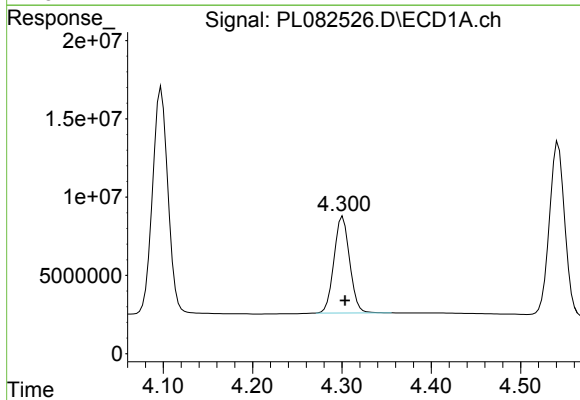
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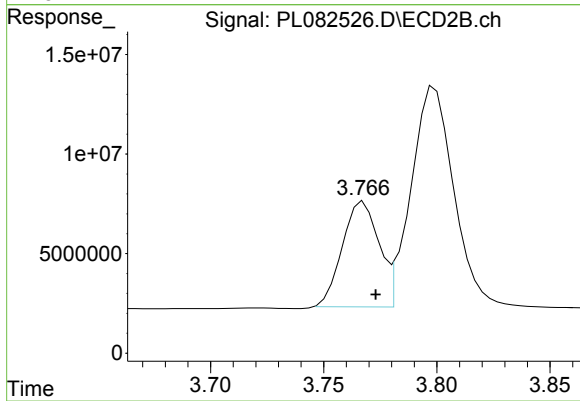
#5 Aldrin

R.T.: 4.076 min  
Delta R.T.: -0.007 min  
Response: 145630226  
Conc: 46.23 ng/ml



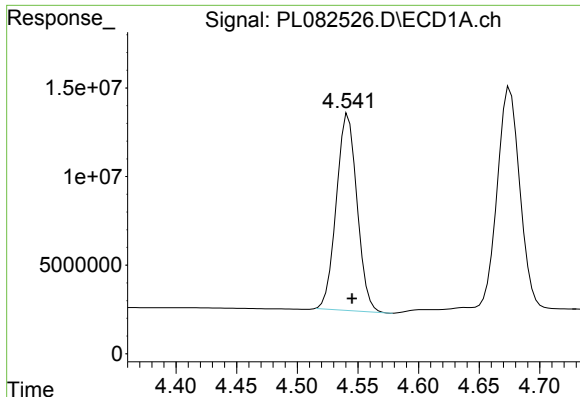
#6 beta-BHC

R.T.: 4.301 min  
Delta R.T.: -0.003 min  
Response: 75301985  
Conc: 44.15 ng/ml



#6 beta-BHC

R.T.: 3.768 min  
Delta R.T.: -0.005 min  
Response: 59252644  
Conc: 43.43 ng/ml



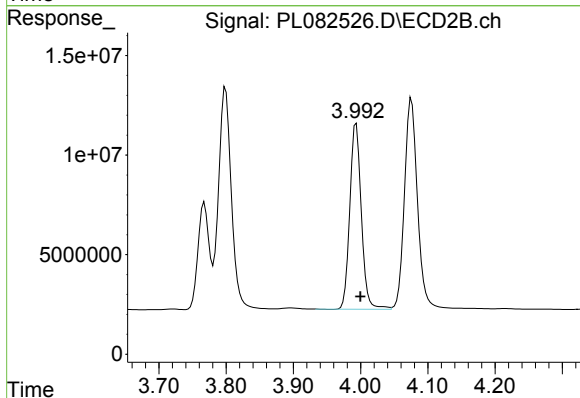
#7 delta-BHC

R.T.: 4.542 min  
Delta R.T.: -0.003 min  
Response: 131644474  
Conc: 36.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TF-1MS

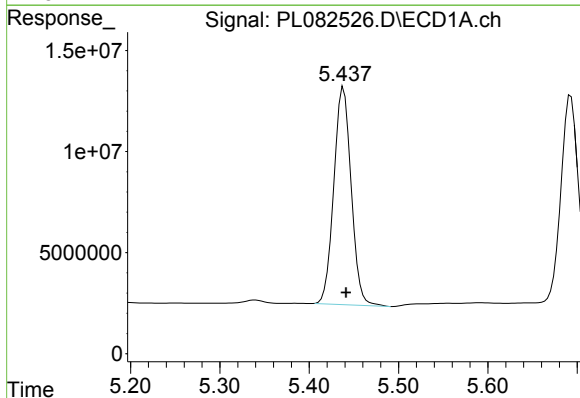
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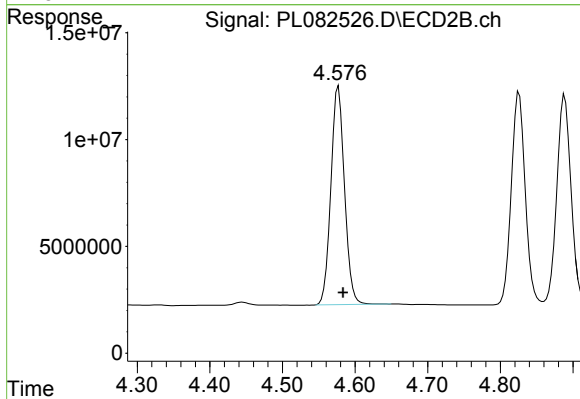
#7 delta-BHC

R.T.: 3.993 min  
Delta R.T.: -0.006 min  
Response: 111160092  
Conc: 36.24 ng/ml



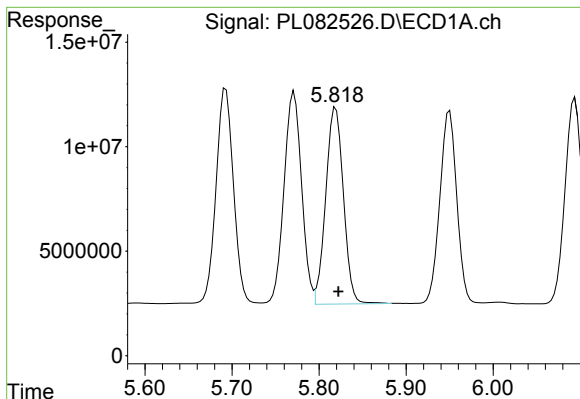
#8 Heptachlor epoxide

R.T.: 5.438 min  
Delta R.T.: -0.003 min  
Response: 145048049  
Conc: 47.55 ng/ml



#8 Heptachlor epoxide

R.T.: 4.577 min  
Delta R.T.: -0.006 min  
Response: 133381219  
Conc: 46.30 ng/ml



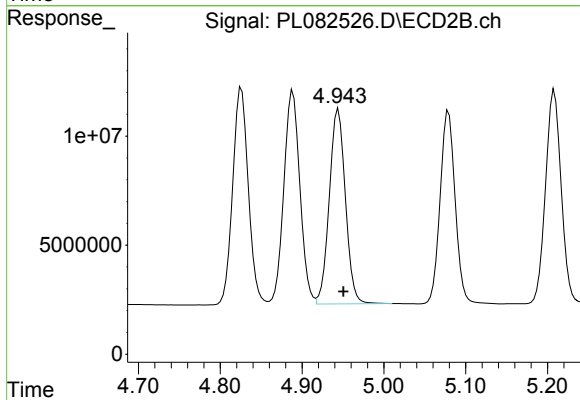
#9 Endosulfan I

R.T.: 5.819 min  
Delta R.T.: -0.003 min  
Response: 132477913  
Conc: 47.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TF-1MS

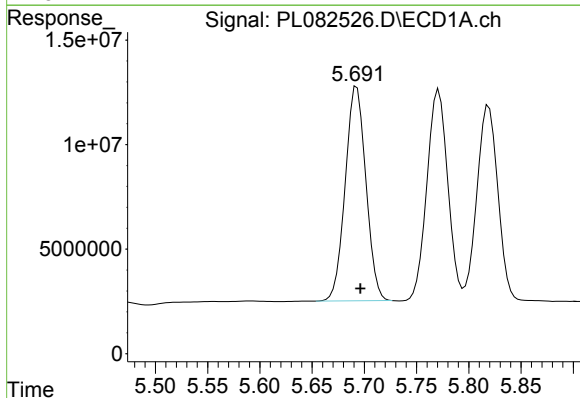
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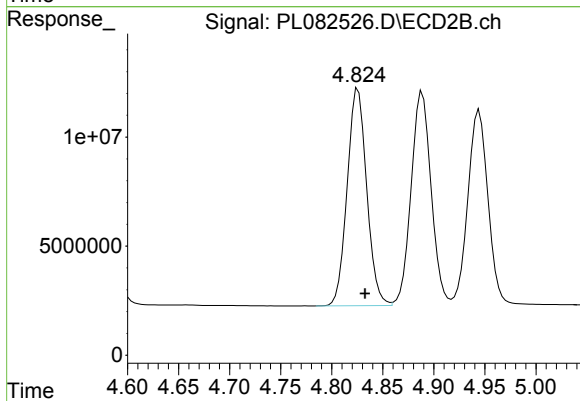
#9 Endosulfan I

R.T.: 4.944 min  
Delta R.T.: -0.006 min  
Response: 122568682  
Conc: 45.92 ng/ml



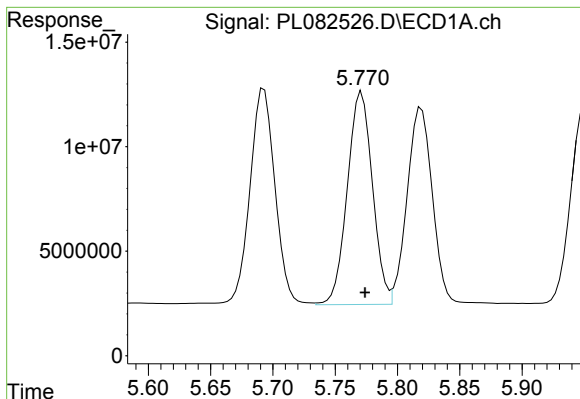
#10 gamma-Chlordane

R.T.: 5.691 min  
Delta R.T.: -0.005 min  
Response: 141000856  
Conc: 46.89 ng/ml m



#10 gamma-Chlordane

R.T.: 4.826 min  
Delta R.T.: -0.007 min  
Response: 132524749  
Conc: 45.67 ng/ml



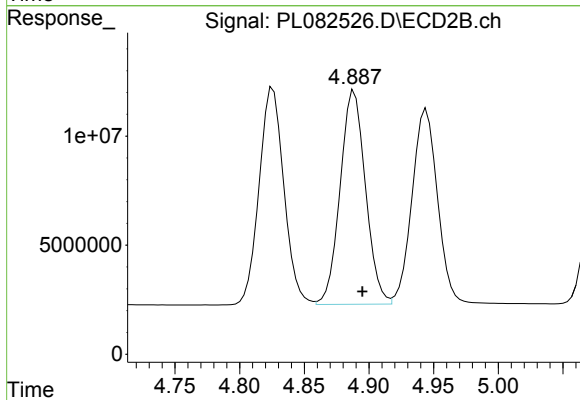
#11 alpha-Chlordane

R.T.: 5.771 min  
Delta R.T.: -0.003 min  
Response: 143579650  
Conc: 48.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TF-1MS

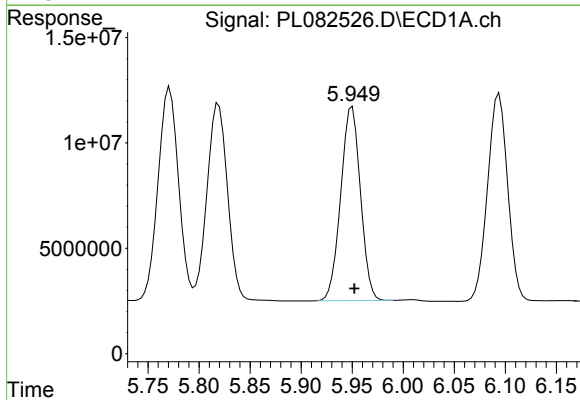
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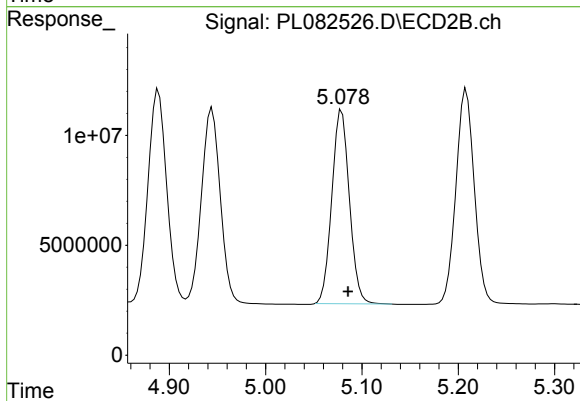
#11 alpha-Chlordane

R.T.: 4.889 min  
Delta R.T.: -0.006 min  
Response: 133510385  
Conc: 45.99 ng/ml



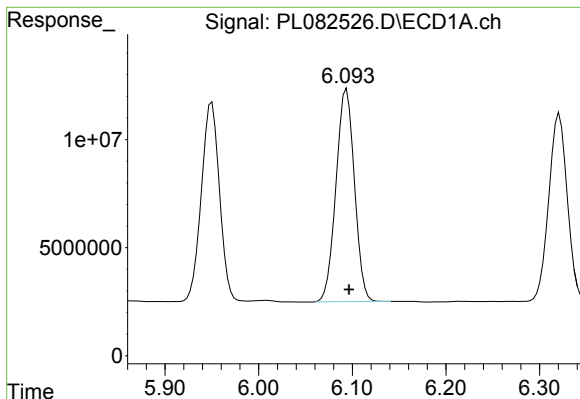
#12 4,4'-DDE

R.T.: 5.950 min  
Delta R.T.: -0.002 min  
Response: 123712899  
Conc: 48.67 ng/ml



#12 4,4'-DDE

R.T.: 5.079 min  
Delta R.T.: -0.006 min  
Response: 112020458  
Conc: 48.73 ng/ml



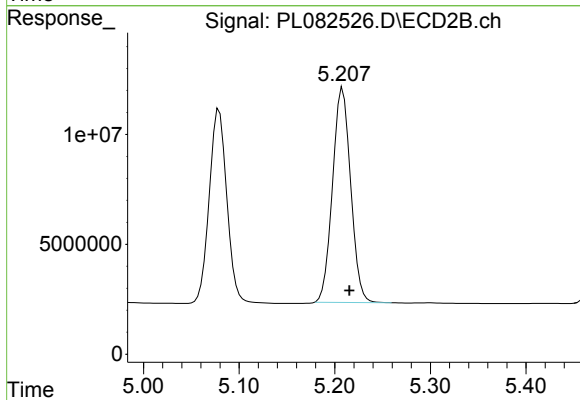
#13 Dieldrin

R.T.: 6.094 min  
Delta R.T.: -0.003 min  
Response: 134871036  
Conc: 48.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TF-1MS

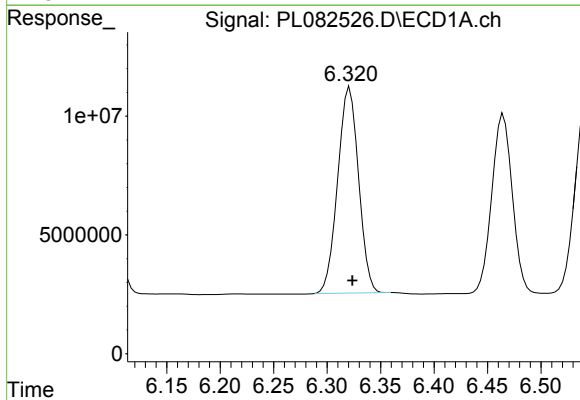
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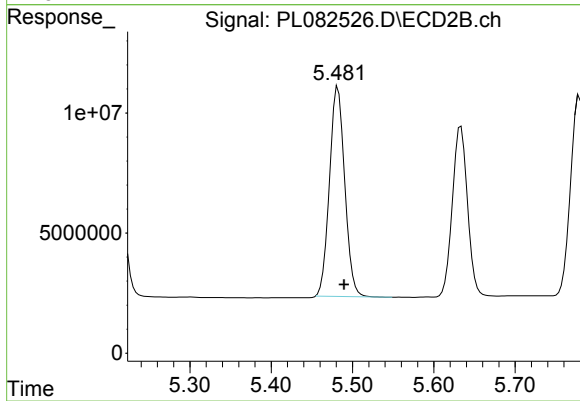
#13 Dieldrin

R.T.: 5.208 min  
Delta R.T.: -0.007 min  
Response: 128539488  
Conc: 47.60 ng/ml



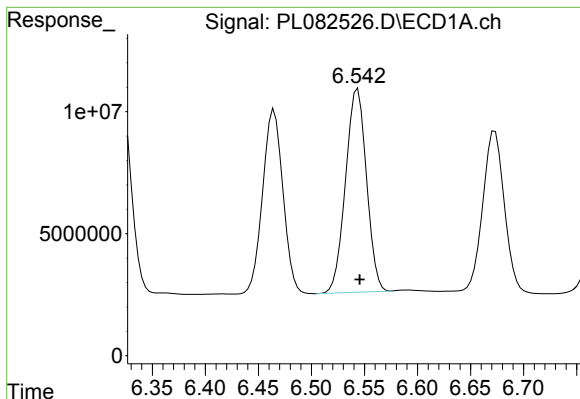
#14 Endrin

R.T.: 6.321 min  
Delta R.T.: -0.002 min  
Response: 117981536  
Conc: 48.66 ng/ml



#14 Endrin

R.T.: 5.482 min  
Delta R.T.: -0.007 min  
Response: 114166303  
Conc: 46.68 ng/ml



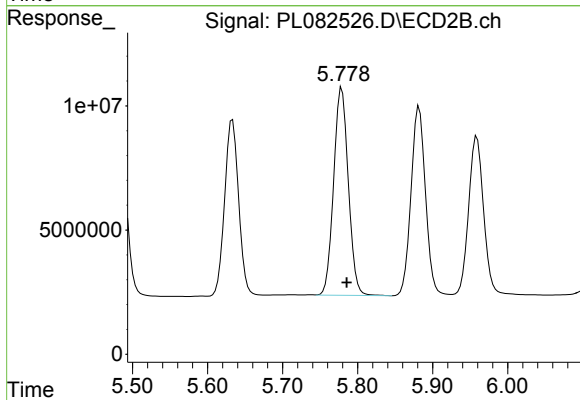
#15 Endosulfan II

R.T.: 6.544 min  
Delta R.T.: -0.002 min  
Response: 114328378  
Conc: 46.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TF-1MS

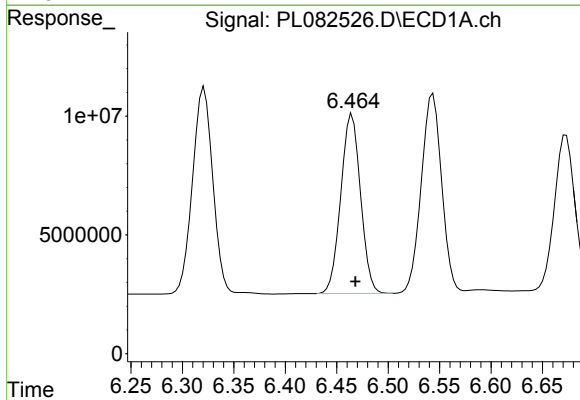
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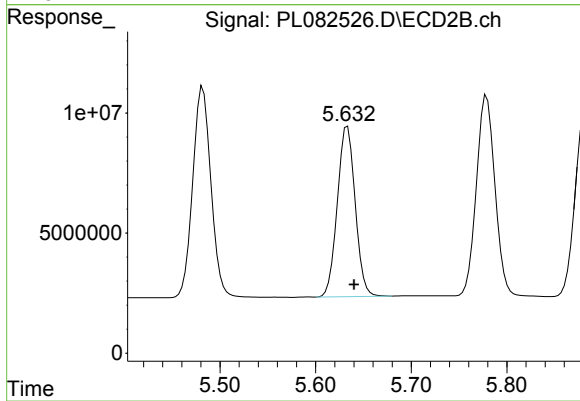
#15 Endosulfan II

R.T.: 5.779 min  
Delta R.T.: -0.007 min  
Response: 113684587  
Conc: 50.43 ng/ml



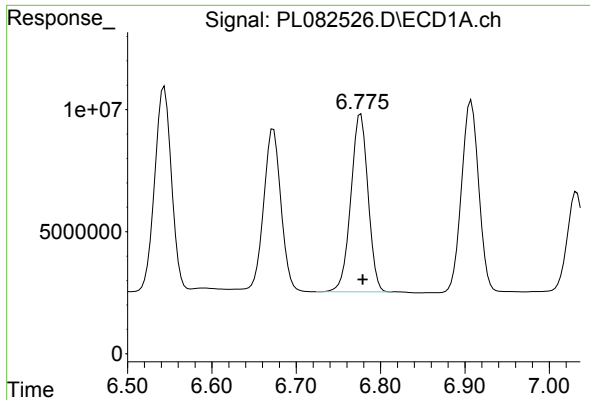
#16 4,4'-DDD

R.T.: 6.465 min  
Delta R.T.: -0.003 min  
Response: 100791068  
Conc: 49.72 ng/ml



#16 4,4'-DDD

R.T.: 5.633 min  
Delta R.T.: -0.007 min  
Response: 92006732  
Conc: 49.19 ng/ml



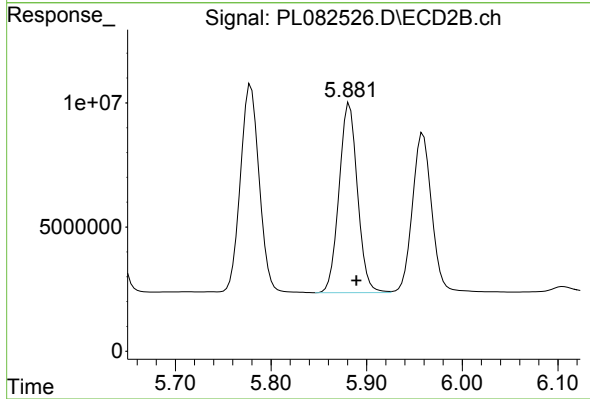
#17 4,4'-DDT

R.T.: 6.777 min  
Delta R.T.: -0.002 min  
Response: 103179835  
Conc: 45.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TF-1MS

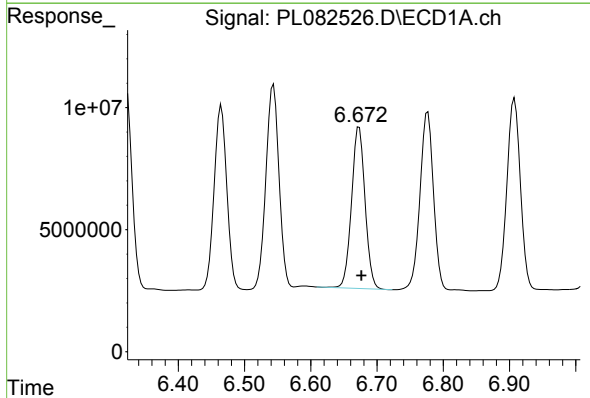
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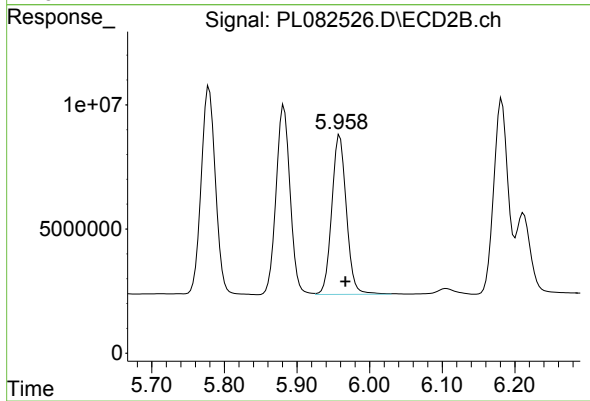
#17 4,4'-DDT

R.T.: 5.882 min  
Delta R.T.: -0.007 min  
Response: 102204725  
Conc: 48.38 ng/ml



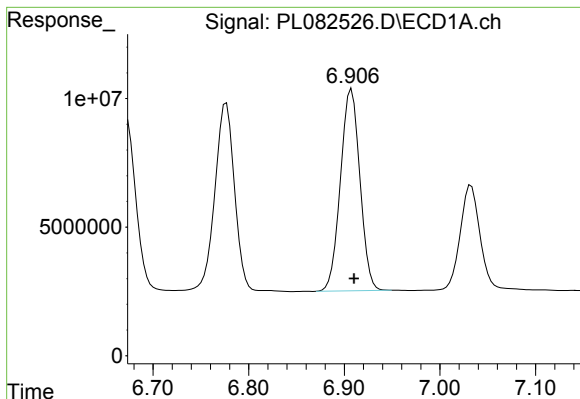
#18 Endrin aldehyde

R.T.: 6.673 min  
Delta R.T.: -0.003 min  
Response: 93838946  
Conc: 49.80 ng/ml



#18 Endrin aldehyde

R.T.: 5.959 min  
Delta R.T.: -0.007 min  
Response: 89652076  
Conc: 47.91 ng/ml



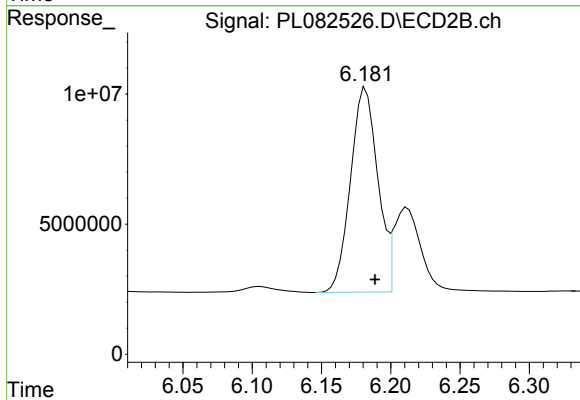
#19 Endosulfan Sulfate

R.T.: 6.908 min  
Delta R.T.: -0.003 min  
Response: 111270948  
Conc: 46.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TF-1MS

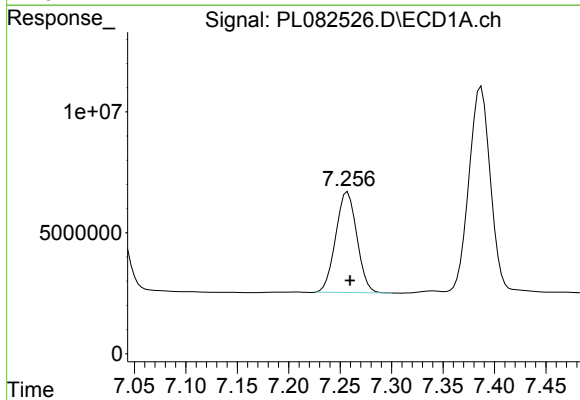
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APPROVED

Reviewed By :Abdul Mirza 05/06/2023  
Supervised By :Ankita Jodhani 05/08/2023



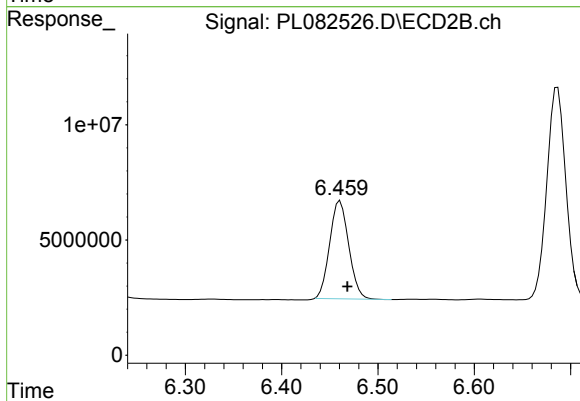
#19 Endosulfan Sulfate

R.T.: 6.182 min  
Delta R.T.: -0.007 min  
Response: 107605611  
Conc: 45.71 ng/ml



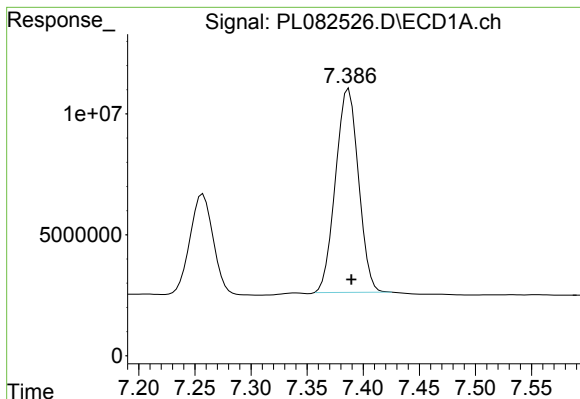
#20 Methoxychlor

R.T.: 7.257 min  
Delta R.T.: -0.002 min  
Response: 59538777  
Conc: 48.79 ng/ml



#20 Methoxychlor

R.T.: 6.461 min  
Delta R.T.: -0.007 min  
Response: 58541111  
Conc: 48.31 ng/ml



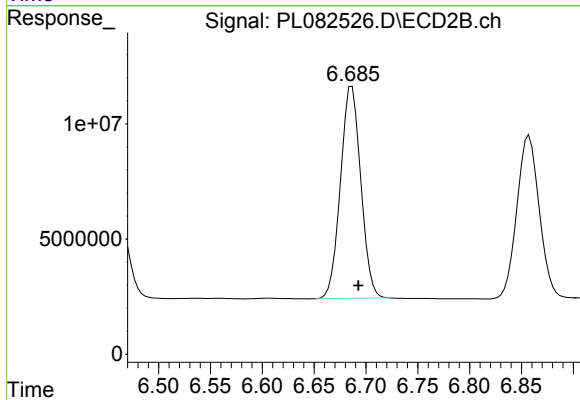
#21 Endrin ketone

R.T.: 7.387 min  
Delta R.T.: -0.002 min  
Response: 119994713  
Conc: 50.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TF-1MS

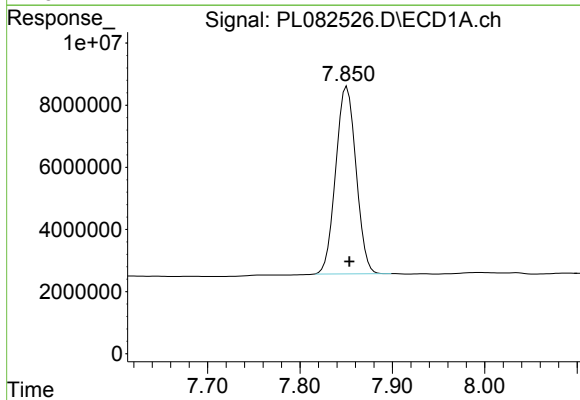
Manual Integrations  
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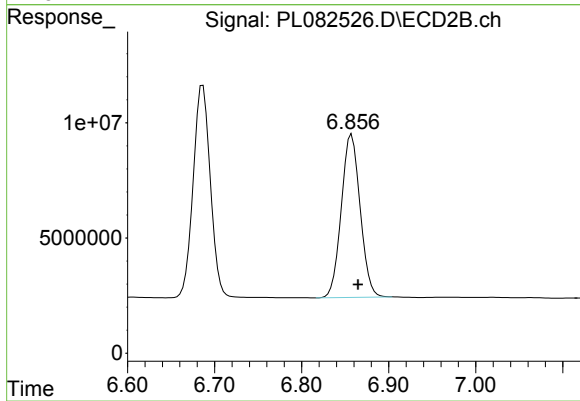
#21 Endrin ketone

R.T.: 6.685 min  
Delta R.T.: -0.008 min  
Response: 125429673  
Conc: 49.42 ng/ml m



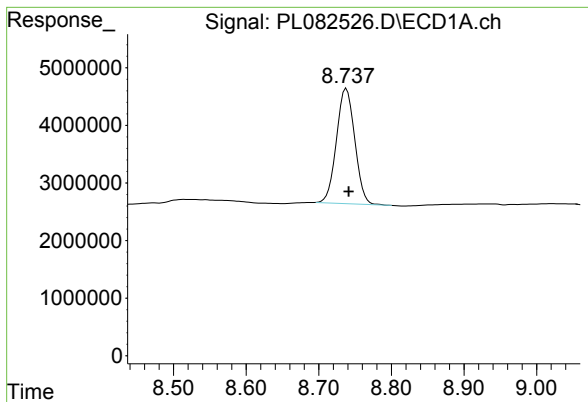
#22 Mirex

R.T.: 7.851 min  
Delta R.T.: -0.003 min  
Response: 92223128  
Conc: 47.14 ng/ml



#22 Mirex

R.T.: 6.856 min  
Delta R.T.: -0.009 min  
Response: 106375327  
Conc: 46.16 ng/ml m



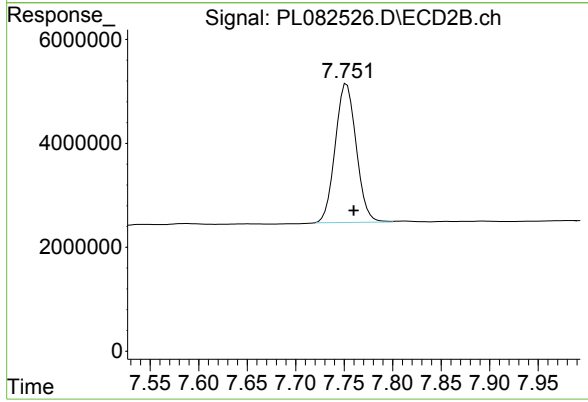
#28 Decachlorobiphenyl

R.T.: 8.738 min  
Delta R.T.: -0.003 min  
Response: 34988063  
Conc: 18.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TF-1MS

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 7.753 min  
Delta R.T.: -0.007 min  
Response: 40138753  
Conc: 17.59 ng/ml