

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072622\  
 Data File : PL076633.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Jul 2022 05:14  
 Operator : AR\AJ  
 Sample : N3839-02MSD  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 ENV-DE-1-(10-15)MSD

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 07/26/2022  
 Supervised By :Ankita Jodhani 07/26/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 26 07:35:56 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL072622.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 26 05:22:48 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... | 3.420 | 2.642 | 18808298 | 51748772 | 18.225  | 17.446 |
| 28)                         | SA Decachlor... | 8.909 | 7.748 | 17338847 | 44935375 | 19.660  | 17.507 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 3.885 | 3.135 | 68535735 | 189.4E6  | 47.523  | 45.368 |
| 3)                          | MA gamma-BHC... | 4.220 | 3.460 | 65383947 | 171.3E6  | 48.425  | 44.932 |
| 4)                          | MA Heptachlor   | 4.796 | 3.794 | 63771515 | 174.7E6  | 47.519  | 46.276 |
| 5)                          | MB Aldrin       | 5.137 | 4.069 | 56904878 | 158.4E6  | 47.376  | 45.030 |
| 6)                          | B beta-BHC      | 4.431 | 3.758 | 28447237 | 74007583 | 47.671  | 43.645 |
| 7)                          | B delta-BHC     | 4.675 | 3.983 | 55386237 | 173.6E6  | 49.968  | 45.517 |
| 8)                          | B Heptachlo...  | 5.569 | 4.569 | 54283356 | 142.1E6  | 48.682  | 44.802 |
| 9)                          | A Endosulfan I  | 5.955 | 4.935 | 48109099 | 121.5E6  | 46.569  | 41.988 |
| 10)                         | B gamma-Chl...  | 5.825 | 4.818 | 72498755 | 207.3E6  | 65.387  | 64.772 |
| 11)                         | B alpha-Chl...  | 5.902 | 4.881 | 77913026 | 187.4E6  | 70.424  | 60.057 |
| 12)                         | B 4,4'-DDE      | 6.080 | 5.075 | 58655582 | 173.5E6  | 59.759  | 58.378 |
| 13)                         | MA Dieldrin     | 6.232 | 5.198 | 52980281 | 148.9E6  | 50.339  | 47.985 |
| 14)                         | MA Endrin       | 6.464 | 5.471 | 45526087 | 131.7E6  | 47.394  | 52.454 |
| 15)                         | B Endosulfa...  | 6.692 | 5.766 | 44935296 | 119.6E6  | 50.066  | 49.861 |
| 16)                         | A 4,4'-DDD      | 6.604 | 5.627 | 41101321 | 103.2E6  | 49.303  | 43.551 |
| 17)                         | MA 4,4'-DDT     | 6.916 | 5.876 | 74454318 | 191.2E6  | 81.932  | 79.589 |
| 18)                         | B Endrin al...  | 6.821 | 5.945 | 34601307 | 82879556 | 47.462m | 43.990 |
| 19)                         | B Endosulfa...  | 7.055 | 6.168 | 42997159 | 109.1E6  | 47.812  | 44.368 |
| 20)                         | A Methoxychlor  | 7.396 | 6.454 | 24811793 | 65999851 | 49.033  | 50.462 |
| 21)                         | B Endrin ke...  | 7.543 | 6.668 | 46815248 | 117.2E6  | 45.780  | 43.185 |
| 22)                         | Mirex           | 8.004 | 6.845 | 37218446 | 86680585 | 48.117  | 43.223 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072622\  
Data File : PL076633.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Jul 2022 05:14  
Operator : AR\AJ  
Sample : N3839-02MSD  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

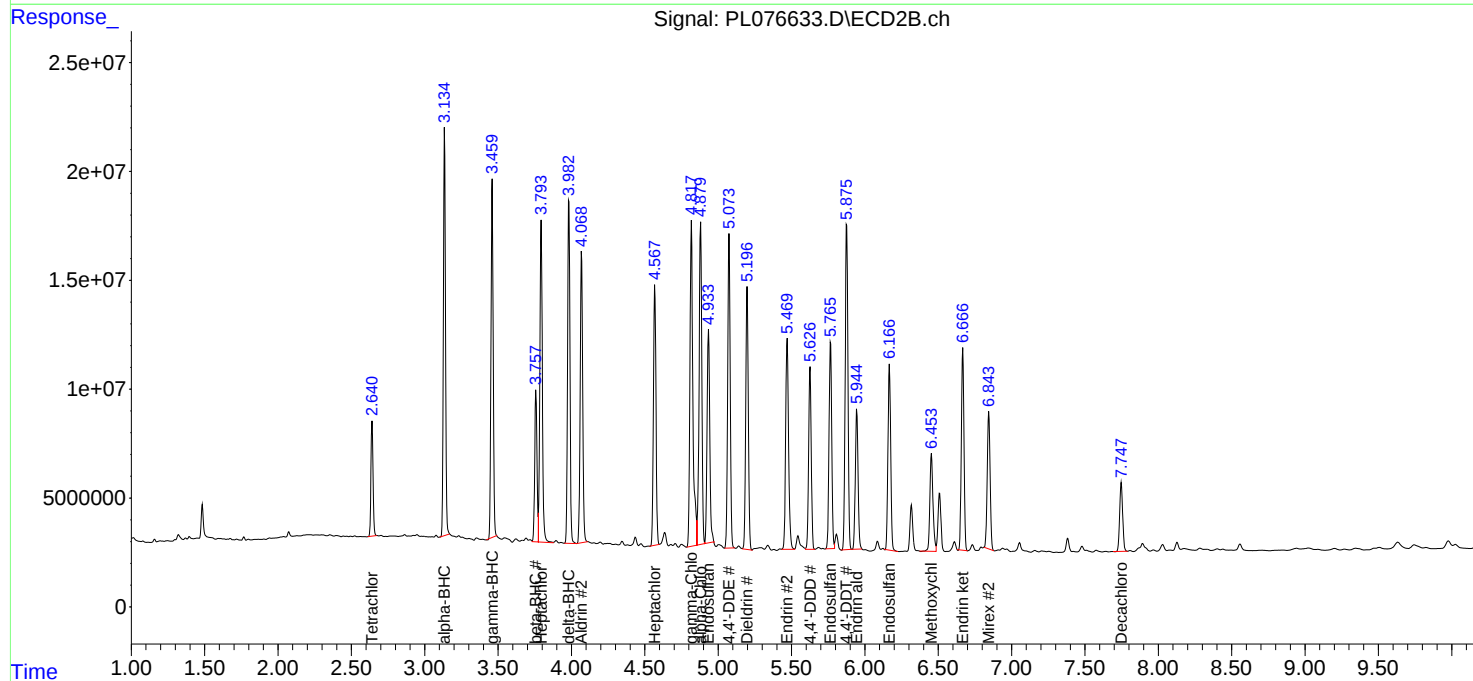
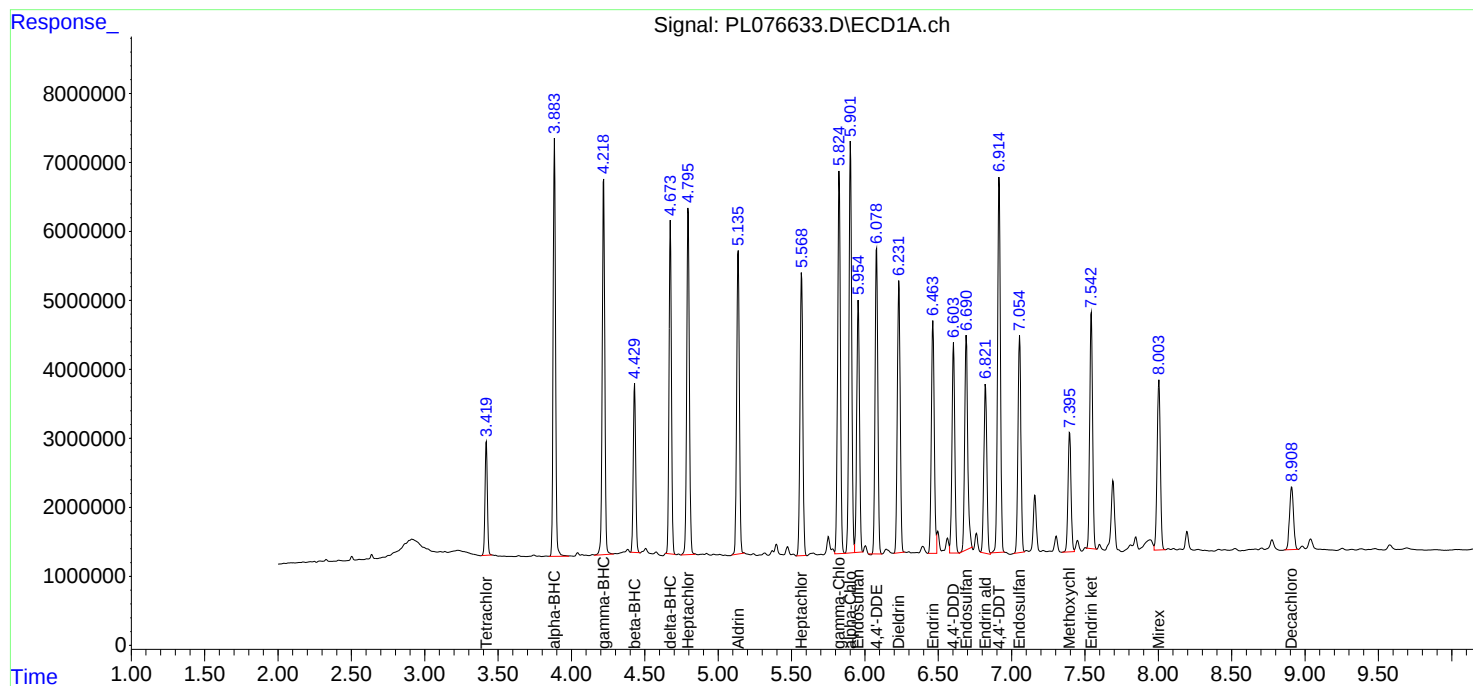
Instrument :  
ECD\_L  
ClientSampleId :  
ENV-DE-1-(10-15)MSD

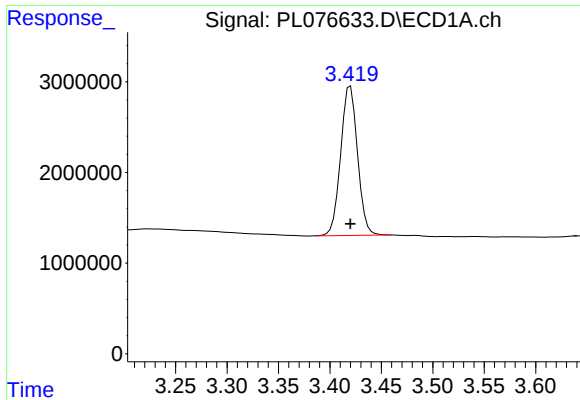
Manual Integrations  
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Supervised By : Ankita Jodhani 07/26/2022

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 26 07:35:56 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL072622.M  
Quant Title : GC Extractables  
QLast Update : Tue Jul 26 05:22:48 2022  
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





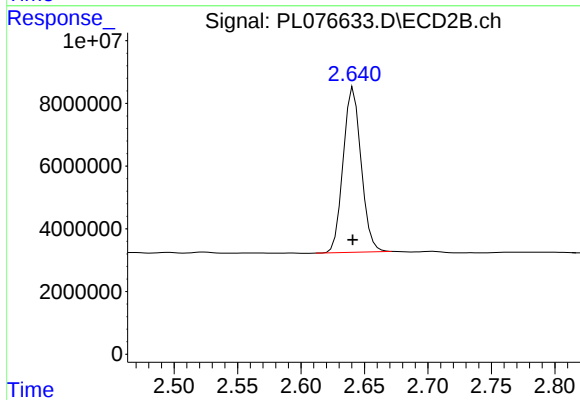
#1 Tetrachloro-m-xylene

R.T.: 3.420 min  
Delta R.T.: 0.000 min  
Response: 18808298  
Conc: 18.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ENV-DE-1-(10-15)MSD

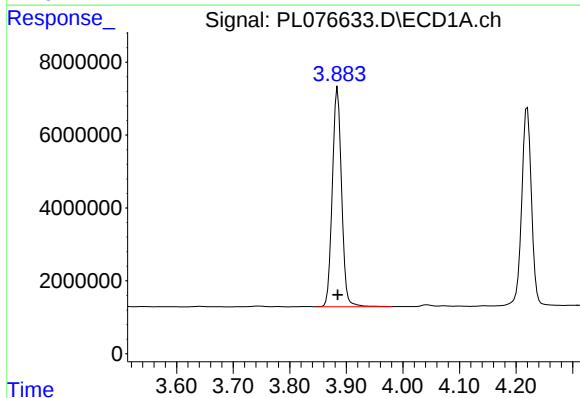
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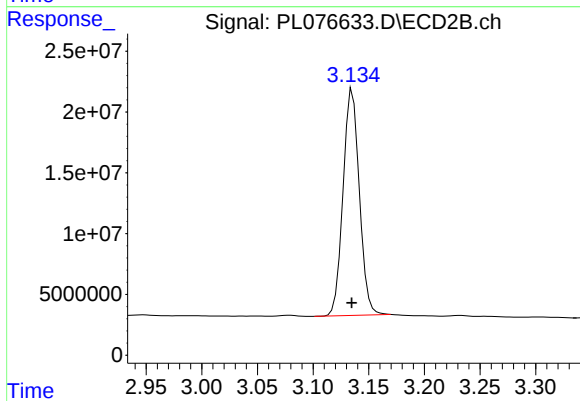
#1 Tetrachloro-m-xylene

R.T.: 2.642 min  
Delta R.T.: 0.000 min  
Response: 51748772  
Conc: 17.45 ng/ml



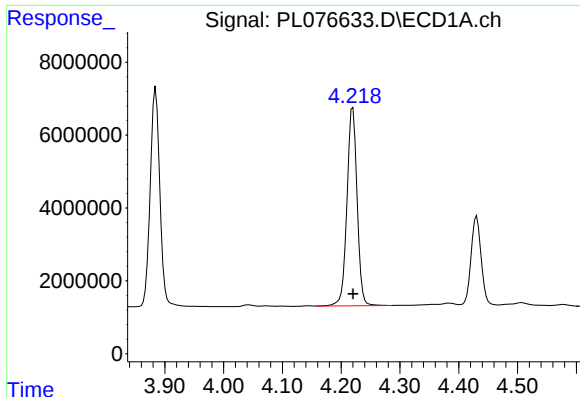
#2 alpha-BHC

R.T.: 3.885 min  
Delta R.T.: 0.000 min  
Response: 68535735  
Conc: 47.52 ng/ml



#2 alpha-BHC

R.T.: 3.135 min  
Delta R.T.: 0.000 min  
Response: 189417732  
Conc: 45.37 ng/ml



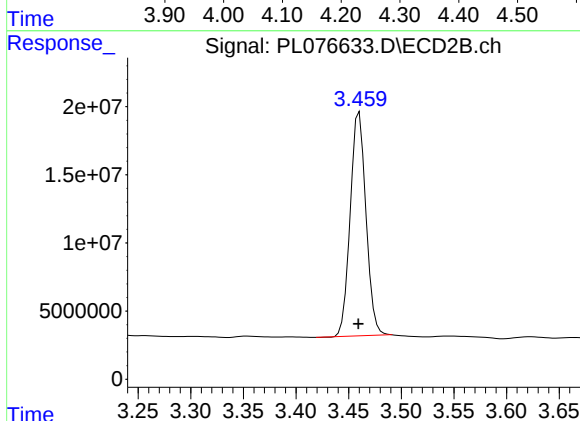
#3 gamma-BHC (Lindane)

R.T.: 4.220 min  
Delta R.T.: 0.000 min  
Response: 65383947  
Conc: 48.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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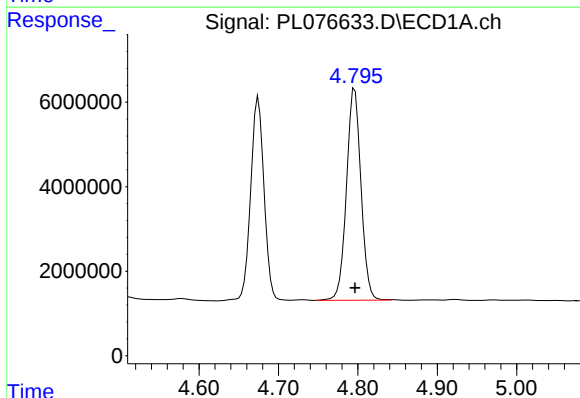
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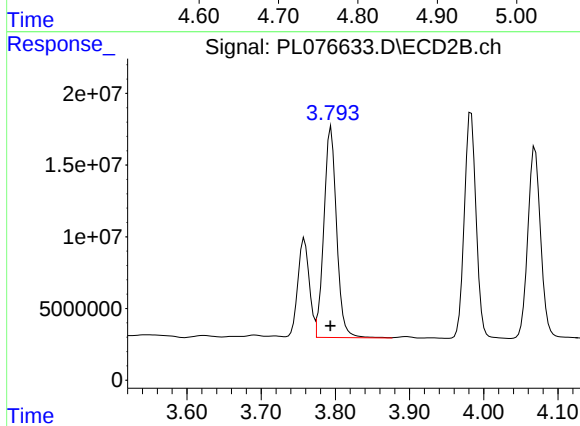
#3 gamma-BHC (Lindane)

R.T.: 3.460 min  
Delta R.T.: 0.000 min  
Response: 171252629  
Conc: 44.93 ng/ml



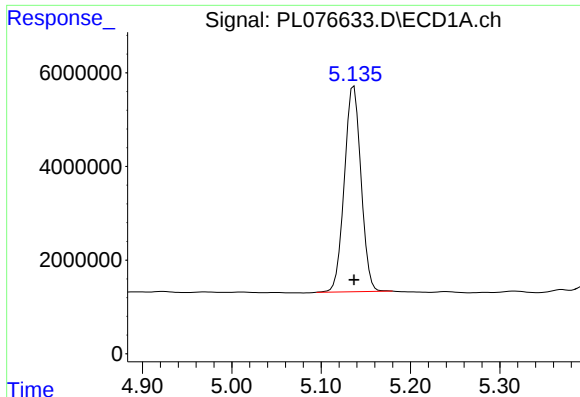
#4 Heptachlor

R.T.: 4.796 min  
Delta R.T.: 0.000 min  
Response: 63771515  
Conc: 47.52 ng/ml



#4 Heptachlor

R.T.: 3.794 min  
Delta R.T.: 0.000 min  
Response: 174731082  
Conc: 46.28 ng/ml



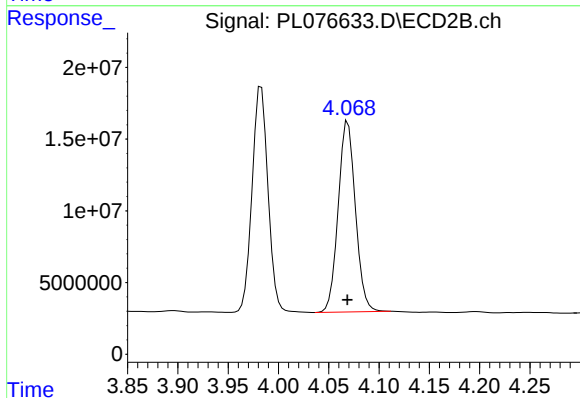
#5 Aldrin

R.T.: 5.137 min  
Delta R.T.: 0.000 min  
Response: 56904878  
Conc: 47.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ENV-DE-1-(10-15)MSD

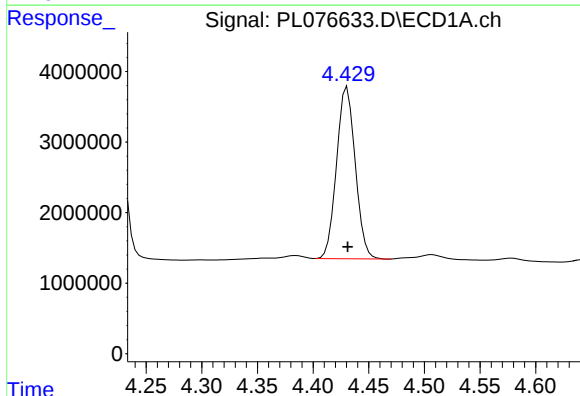
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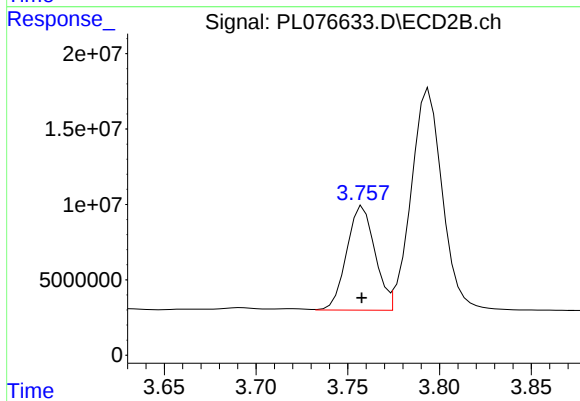
#5 Aldrin

R.T.: 4.069 min  
Delta R.T.: 0.000 min  
Response: 158407446  
Conc: 45.03 ng/ml



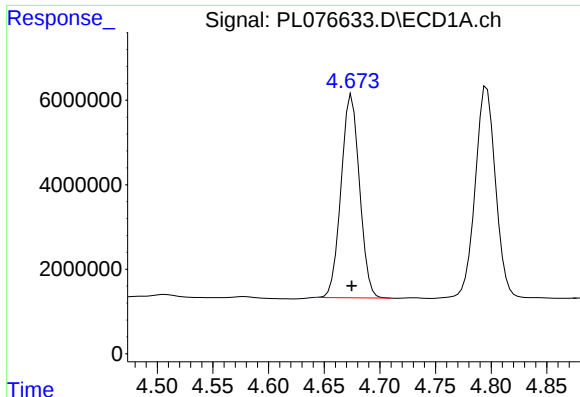
#6 beta-BHC

R.T.: 4.431 min  
Delta R.T.: 0.000 min  
Response: 28447237  
Conc: 47.67 ng/ml



#6 beta-BHC

R.T.: 3.758 min  
Delta R.T.: 0.000 min  
Response: 74007583  
Conc: 43.65 ng/ml



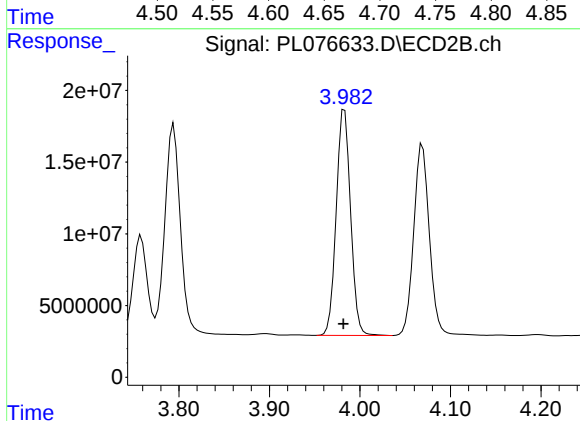
#7 delta-BHC

R.T.: 4.675 min  
Delta R.T.: 0.000 min  
Response: 55386237  
Conc: 49.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ENV-DE-1-(10-15)MSD

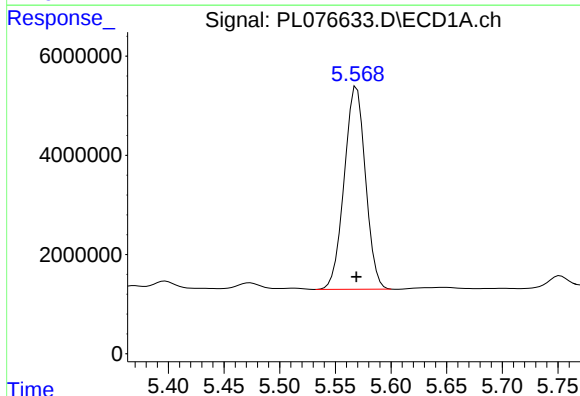
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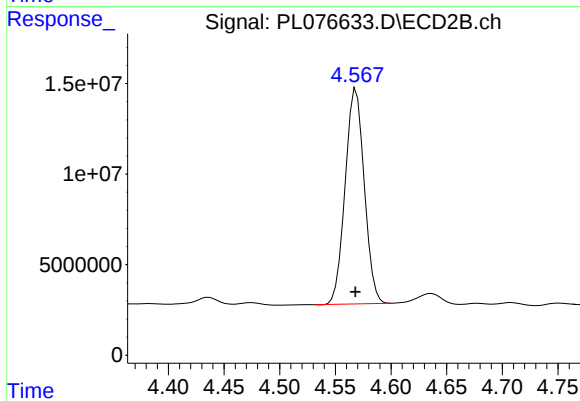
#7 delta-BHC

R.T.: 3.983 min  
Delta R.T.: 0.001 min  
Response: 173573024  
Conc: 45.52 ng/ml



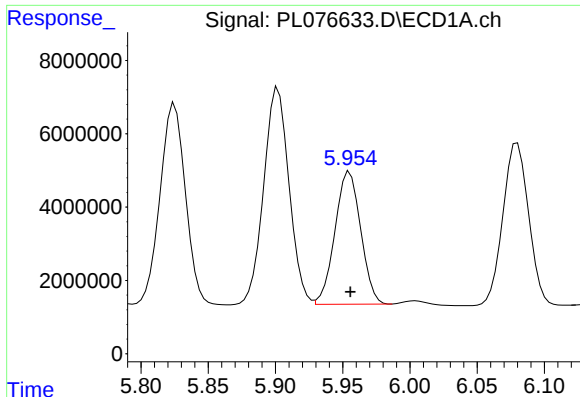
#8 Heptachlor epoxide

R.T.: 5.569 min  
Delta R.T.: 0.000 min  
Response: 54283356  
Conc: 48.68 ng/ml



#8 Heptachlor epoxide

R.T.: 4.569 min  
Delta R.T.: 0.000 min  
Response: 142098897  
Conc: 44.80 ng/ml



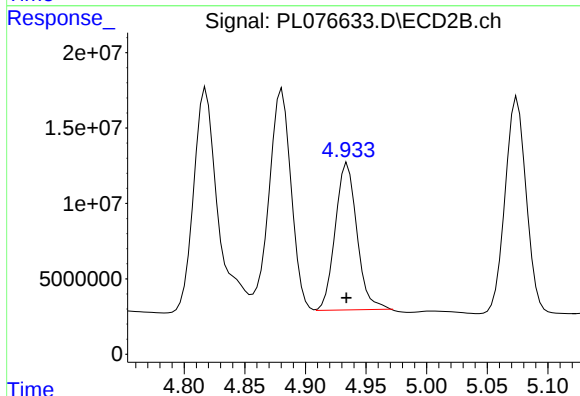
#9 Endosulfan I

R.T.: 5.955 min  
Delta R.T.: 0.000 min  
Response: 48109099  
Conc: 46.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ENV-DE-1-(10-15)MSD

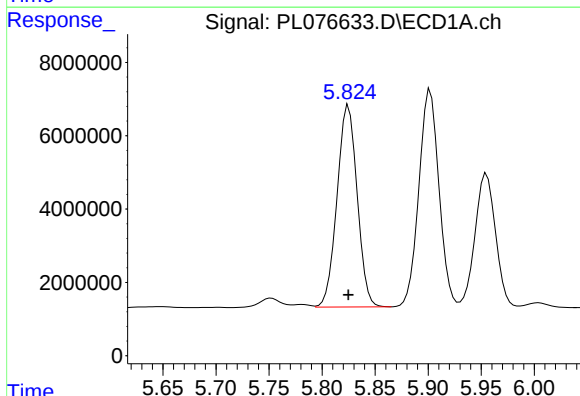
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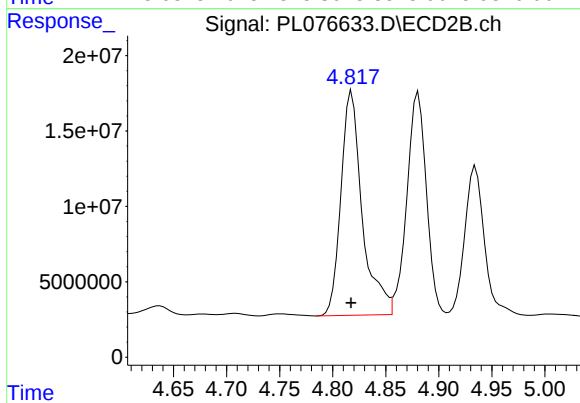
#9 Endosulfan I

R.T.: 4.935 min  
Delta R.T.: 0.000 min  
Response: 121500995  
Conc: 41.99 ng/ml



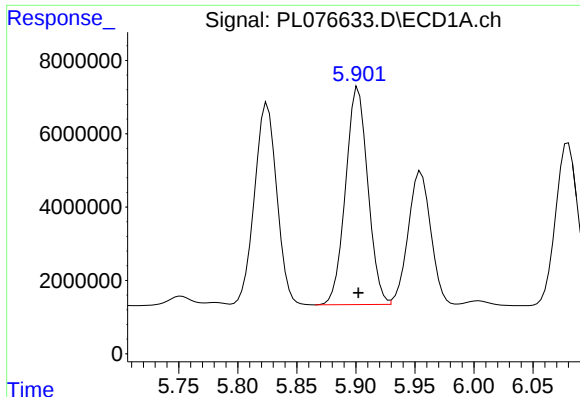
#10 gamma-Chlordane

R.T.: 5.825 min  
Delta R.T.: 0.000 min  
Response: 72498755  
Conc: 65.39 ng/ml



#10 gamma-Chlordane

R.T.: 4.818 min  
Delta R.T.: 0.000 min  
Response: 207298878  
Conc: 64.77 ng/ml



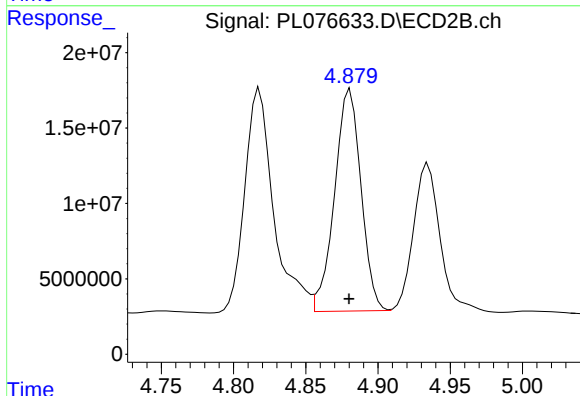
#11 alpha-Chlordane

R.T.: 5.902 min  
Delta R.T.: 0.000 min  
Response: 77913026  
Conc: 70.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ENV-DE-1-(10-15)MSD

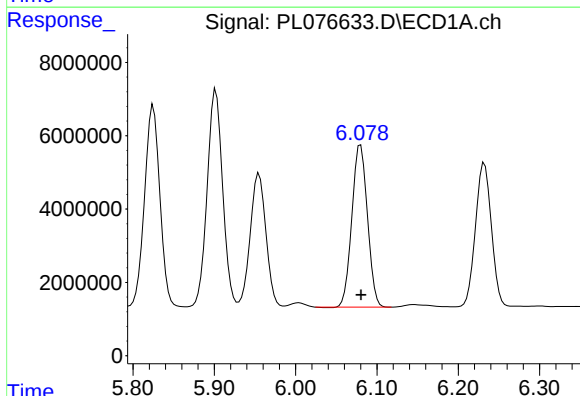
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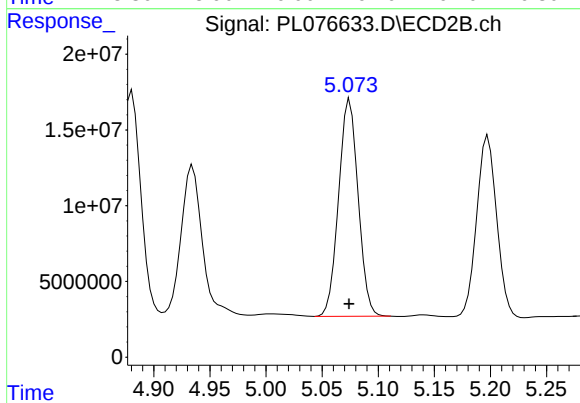
#11 alpha-Chlordane

R.T.: 4.881 min  
Delta R.T.: 0.000 min  
Response: 187429873  
Conc: 60.06 ng/ml



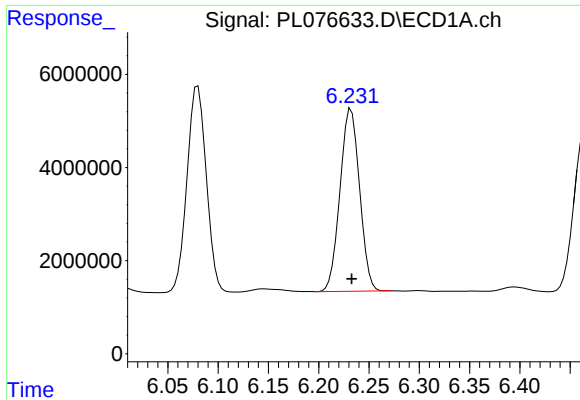
#12 4,4'-DDE

R.T.: 6.080 min  
Delta R.T.: 0.000 min  
Response: 58655582  
Conc: 59.76 ng/ml



#12 4,4'-DDE

R.T.: 5.075 min  
Delta R.T.: 0.000 min  
Response: 173504398  
Conc: 58.38 ng/ml



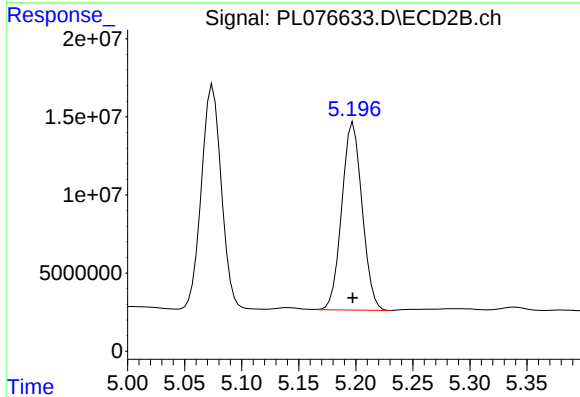
#13 Dieldrin

R.T.: 6.232 min  
Delta R.T.: 0.000 min  
Response: 52980281  
Conc: 50.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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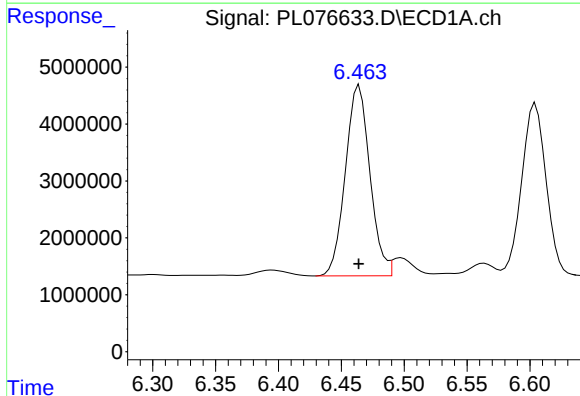
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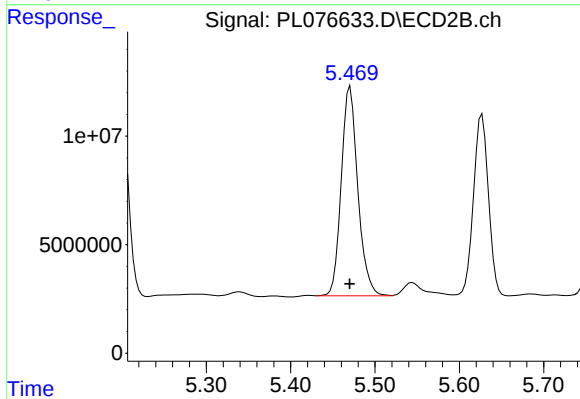
#13 Dieldrin

R.T.: 5.198 min  
Delta R.T.: 0.000 min  
Response: 148899974  
Conc: 47.99 ng/ml



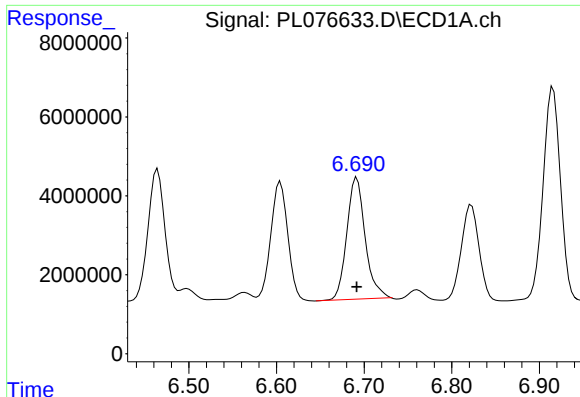
#14 Endrin

R.T.: 6.464 min  
Delta R.T.: 0.000 min  
Response: 45526087  
Conc: 47.39 ng/ml



#14 Endrin

R.T.: 5.471 min  
Delta R.T.: 0.000 min  
Response: 131684002  
Conc: 52.45 ng/ml



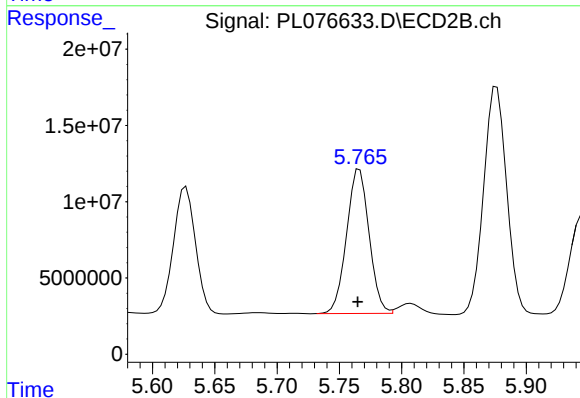
#15 Endosulfan II

R.T.: 6.692 min  
Delta R.T.: 0.000 min  
Response: 44935296  
Conc: 50.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ENV-DE-1-(10-15)MSD

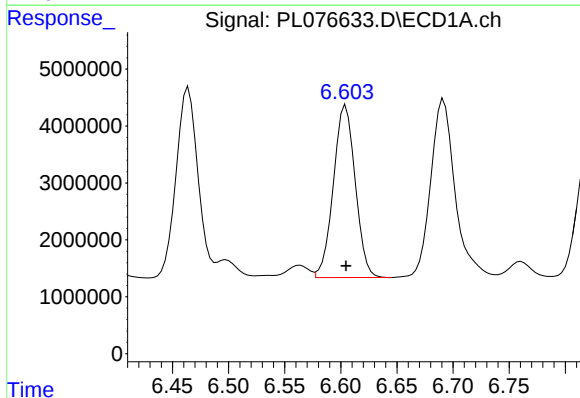
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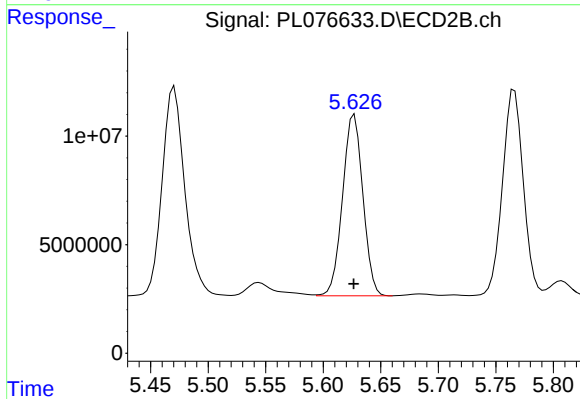
#15 Endosulfan II

R.T.: 5.766 min  
Delta R.T.: 0.001 min  
Response: 119571185  
Conc: 49.86 ng/ml



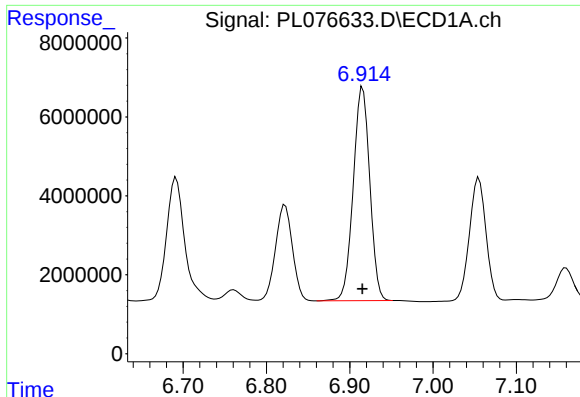
#16 4,4'-DDD

R.T.: 6.604 min  
Delta R.T.: 0.000 min  
Response: 41101321  
Conc: 49.30 ng/ml



#16 4,4'-DDD

R.T.: 5.627 min  
Delta R.T.: 0.000 min  
Response: 103172665  
Conc: 43.55 ng/ml



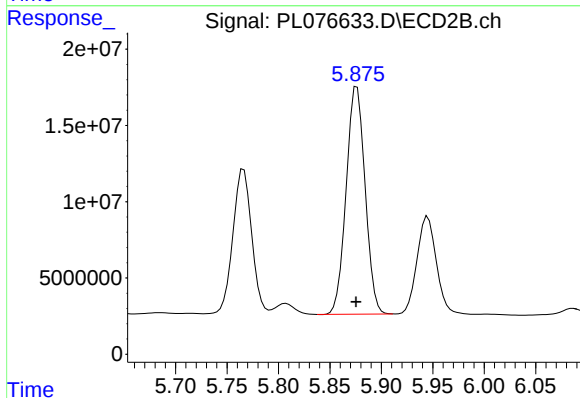
#17 4,4'-DDT

R.T.: 6.916 min  
Delta R.T.: 0.000 min  
Response: 74454318  
Conc: 81.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ENV-DE-1-(10-15)MSD

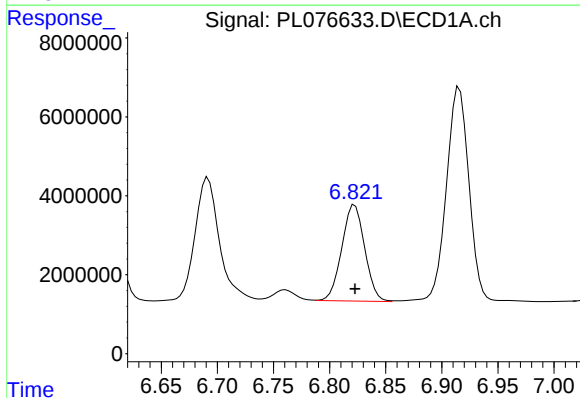
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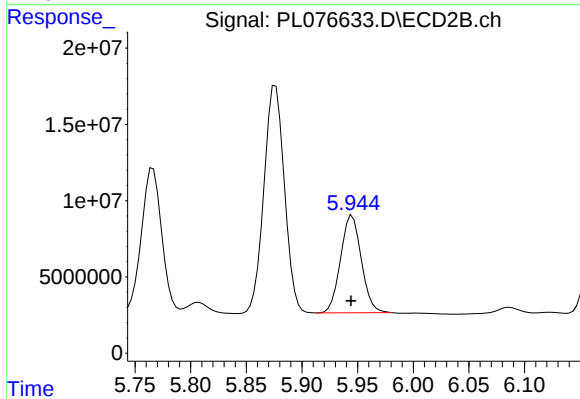
#17 4,4'-DDT

R.T.: 5.876 min  
Delta R.T.: 0.000 min  
Response: 191219788  
Conc: 79.59 ng/ml



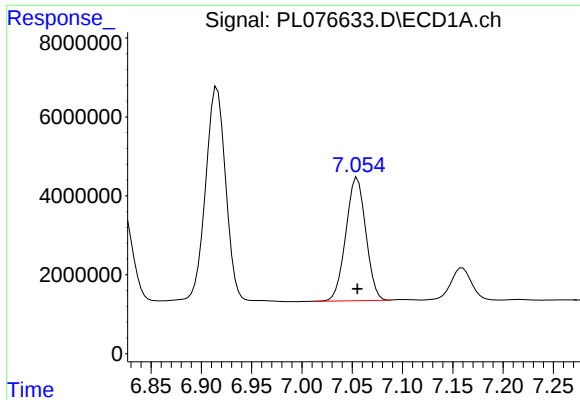
#18 Endrin aldehyde

R.T.: 6.821 min  
Delta R.T.: -0.002 min  
Response: 34601307  
Conc: 47.46 ng/ml m



#18 Endrin aldehyde

R.T.: 5.945 min  
Delta R.T.: 0.001 min  
Response: 82879556  
Conc: 43.99 ng/ml



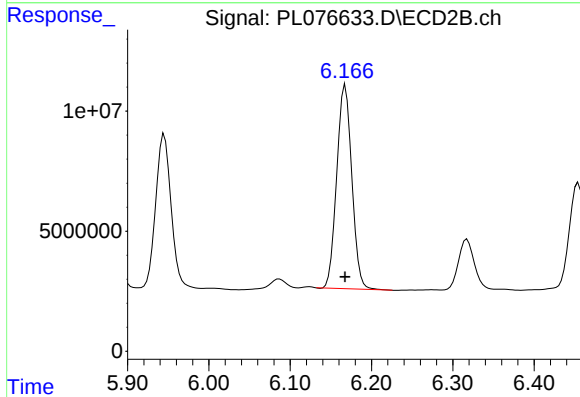
#19 Endosulfan Sulfate

R.T.: 7.055 min  
Delta R.T.: 0.000 min  
Response: 42997159  
Conc: 47.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ENV-DE-1-(10-15)MSD

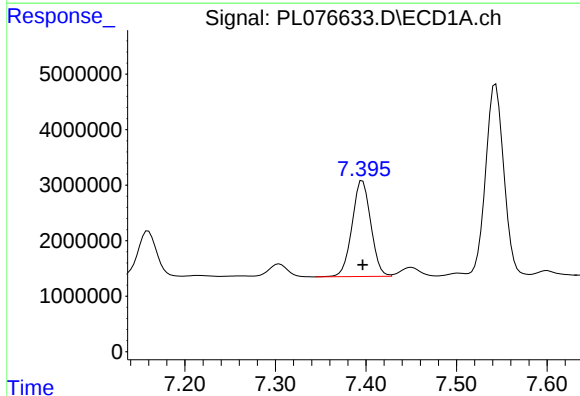
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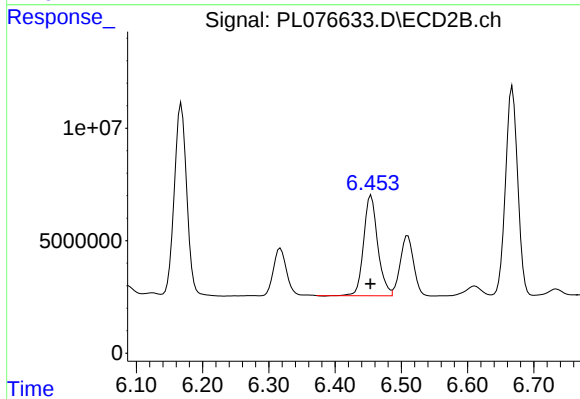
#19 Endosulfan Sulfate

R.T.: 6.168 min  
Delta R.T.: 0.000 min  
Response: 109132910  
Conc: 44.37 ng/ml



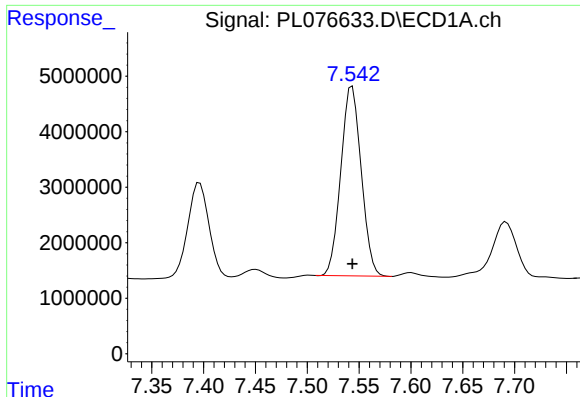
#20 Methoxychlor

R.T.: 7.396 min  
Delta R.T.: 0.000 min  
Response: 24811793  
Conc: 49.03 ng/ml



#20 Methoxychlor

R.T.: 6.454 min  
Delta R.T.: 0.001 min  
Response: 65999851  
Conc: 50.46 ng/ml



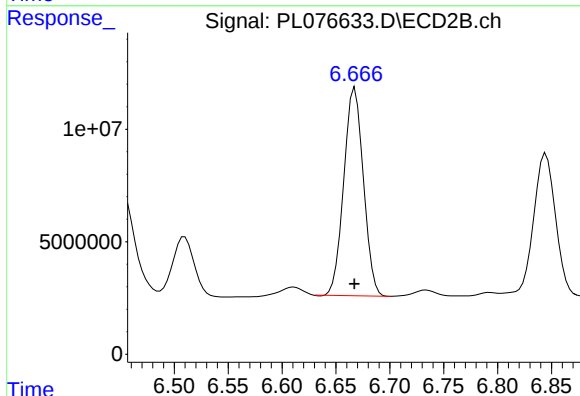
#21 Endrin ketone

R.T.: 7.543 min  
Delta R.T.: 0.000 min  
Response: 46815248  
Conc: 45.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ENV-DE-1-(10-15)MSD

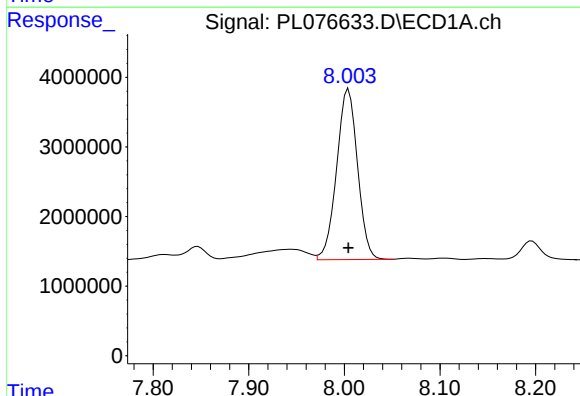
Manual Integrations  
APPROVED

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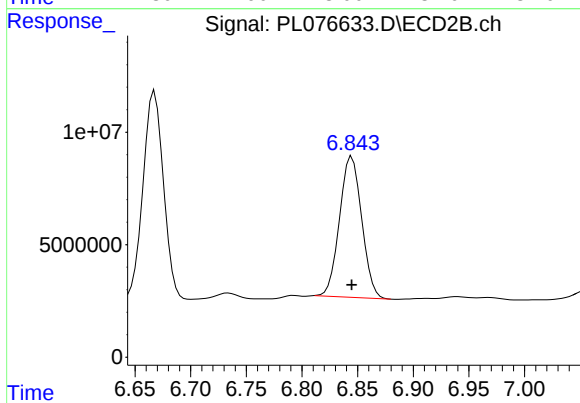
#21 Endrin ketone

R.T.: 6.668 min  
Delta R.T.: 0.000 min  
Response: 117208729  
Conc: 43.18 ng/ml



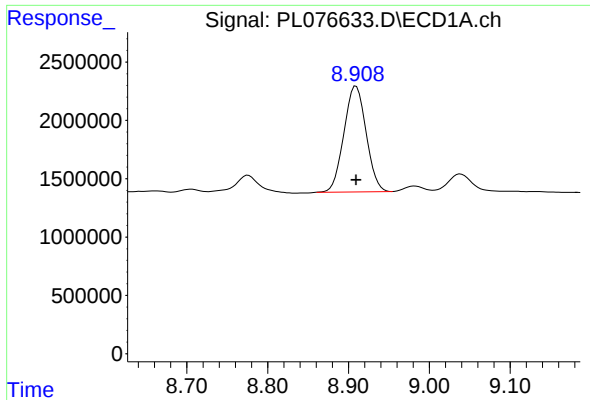
#22 Mirex

R.T.: 8.004 min  
Delta R.T.: 0.000 min  
Response: 37218446  
Conc: 48.12 ng/ml



#22 Mirex

R.T.: 6.845 min  
Delta R.T.: 0.000 min  
Response: 86680585  
Conc: 43.22 ng/ml



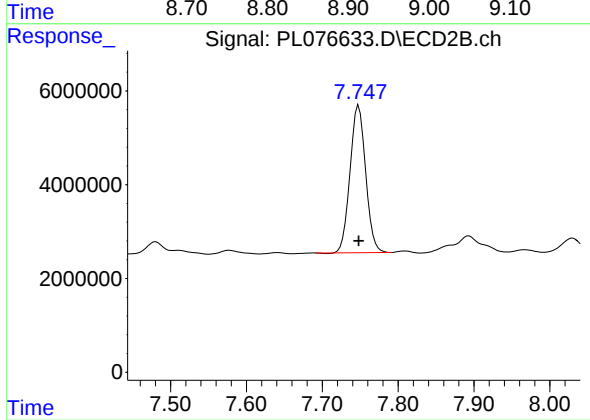
#28 Decachlorobiphenyl

R.T.: 8.909 min  
Delta R.T.: 0.000 min  
Response: 17338847  
Conc: 19.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ENV-DE-1-(10-15)MSD

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.748 min  
Delta R.T.: 0.000 min  
Response: 44935375  
Conc: 17.51 ng/ml