

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL120823\  
 Data File : PL087033.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Dec 2023 14:03  
 Operator : AR\AJ  
 Sample : 05691-01MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SP-LINDENMSD

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 12/11/2023  
 Supervised By :Ankita Jodhani 12/11/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 09 01:08:27 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL120623.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Dec 07 00:53:18 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... | 3.451 | 2.700 | 55277861 | 15047338 | 17.128   | 15.383   |
| 28)                         | SA Decachlor... | 9.048 | 7.899 | 28631260 | 11450724 | 12.526   | 11.900   |
| Target Compounds            |                 |       |       |          |          |          |          |
| 2)                          | A alpha-BHC     | 3.910 | 3.207 | 220.3E6  | 61437544 | 48.958   | 47.938   |
| 3)                          | MA gamma-BHC... | 4.244 | 3.539 | 210.0E6  | 57668104 | 50.572   | 45.530   |
| 4)                          | MA Heptachlor   | 4.839 | 3.883 | 192.4E6  | 65460428 | 47.585   | 52.595   |
| 5)                          | MB Aldrin       | 5.183 | 4.162 | 185.8E6  | 63393793 | 46.575   | 52.705m  |
| 6)                          | B beta-BHC      | 4.443 | 3.841 | 95293644 | 23610275 | 56.039m  | 41.615 # |
| 7)                          | B delta-BHC     | 4.691 | 4.071 | 170.8E6  | 58244594 | 47.214m  | 47.920   |
| 8)                          | B Heptachlo...  | 5.615 | 4.672 | 185.4E6  | 50005448 | 52.624   | 45.271   |
| 9)                          | A Endosulfan I  | 6.003 | 5.043 | 188.1E6  | 46320295 | 57.399   | 43.580   |
| 10)                         | B gamma-Chl...  | 5.875 | 4.926 | 202.4E6  | 58938348 | 58.854   | 54.781   |
| 11)                         | B alpha-Chl...  | 5.956 | 4.990 | 170.0E6  | 51606141 | 49.502   | 46.305   |
| 12)                         | B 4,4'-DDE      | 6.141 | 5.189 | 304.1E6  | 98548914 | 121.299  | 110.890  |
| 13)                         | MA Dieldrin     | 6.282 | 5.311 | 154.5E6  | 44227648 | 47.676m  | 44.131   |
| 14)                         | MA Endrin       | 6.514 | 5.586 | 117.9E6  | 44207667 | 53.418   | 54.190   |
| 15)                         | B Endosulfa...  | 6.738 | 5.884 | 121.8E6  | 40433245 | 47.125   | 45.936   |
| 16)                         | A 4,4'-DDD      | 6.663 | 5.747 | 250.7E6  | 91339077 | 124.753m | 117.819  |
| 17)                         | MA 4,4'-DDT     | 6.984 | 6.001 | 556.7E6  | 194.3E6  | 280.467  | 255.899  |
| 18)                         | B Endrin al...  | 6.870 | 6.067 | 92202476 | 31809724 | 50.805   | 46.453   |
| 19)                         | B Endosulfa...  | 7.109 | 6.292 | 125.3E6  | 40326538 | 50.804   | 45.700   |
| 20)                         | A Methoxychlor  | 7.476 | 6.588 | 54120987 | 21371920 | 50.841   | 44.701   |
| 21)                         | B Endrin ke...  | 7.597 | 6.798 | 126.5E6  | 45450387 | 49.601   | 44.941   |
| 22)                         | Mirex           | 8.076 | 6.981 | 108.8E6  | 38009627 | 48.331   | 42.835   |
| -----                       |                 |       |       |          |          |          |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL120823\  
Data File : PL087033.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Dec 2023 14:03  
Operator : AR\AJ  
Sample : 05691-01MSD  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

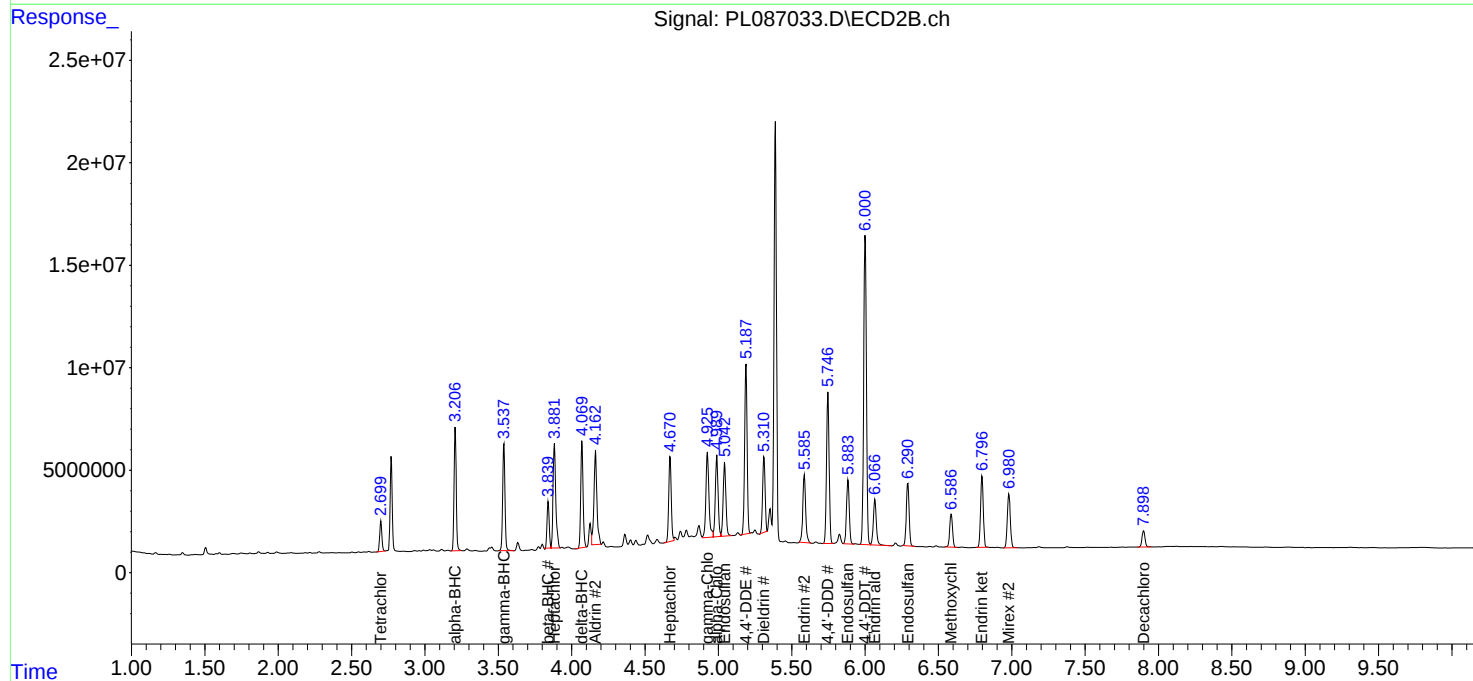
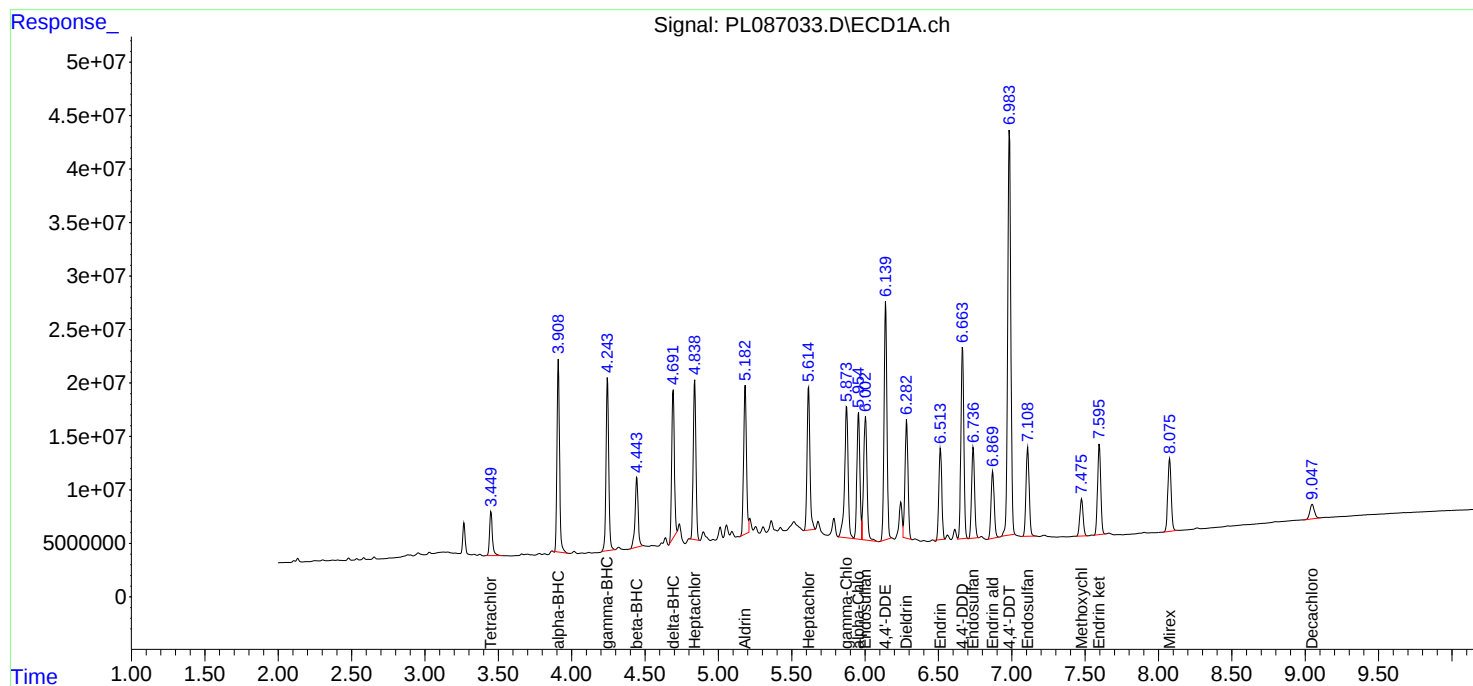
Instrument :  
ECD\_L  
ClientSampleId :  
SP-LINDENMSD

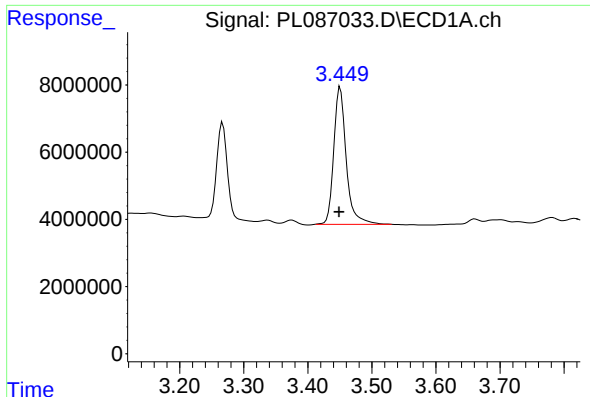
Manual Integrations  
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Reviewed By : Abdul Mirza 12/11/2023  
Supervised By : Ankita Jodhani 12/11/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 09 01:08:27 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL120623.M  
Quant Title : GC Extractables  
QLast Update : Thu Dec 07 00:53:18 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





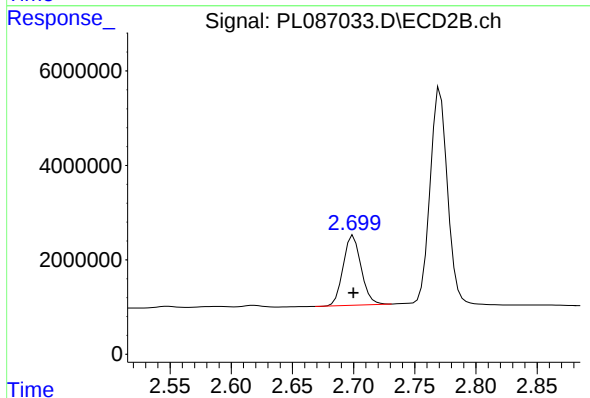
#1 Tetrachloro-m-xylene

R.T.: 3.451 min  
Delta R.T.: 0.002 min  
Response: 55277861  
Conc: 17.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-LINDENMSD

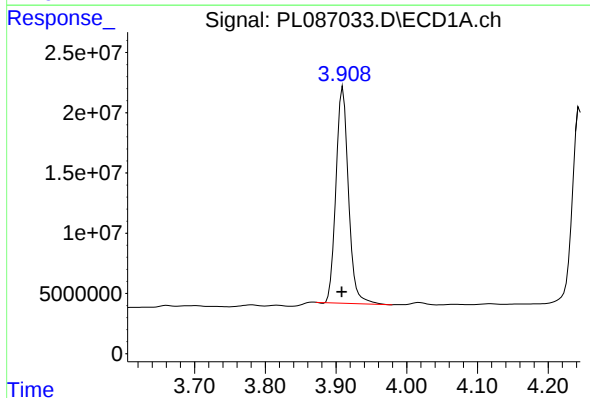
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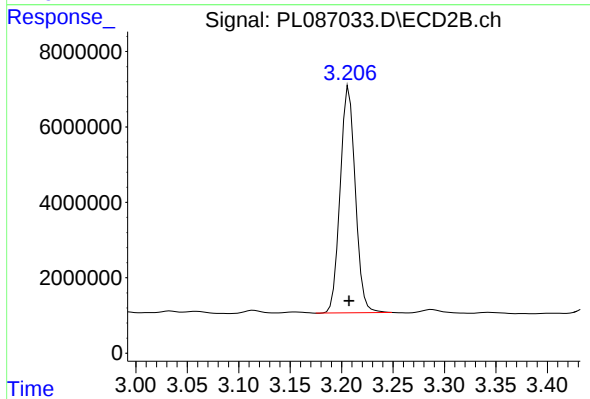
#1 Tetrachloro-m-xylene

R.T.: 2.700 min  
Delta R.T.: 0.000 min  
Response: 15047338  
Conc: 15.38 ng/ml



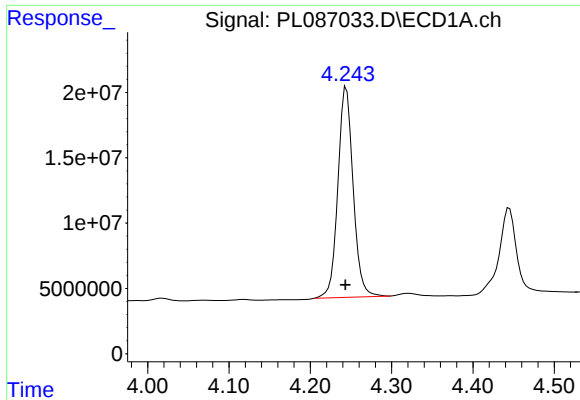
#2 alpha-BHC

R.T.: 3.910 min  
Delta R.T.: 0.001 min  
Response: 220320626  
Conc: 48.96 ng/ml



#2 alpha-BHC

R.T.: 3.207 min  
Delta R.T.: 0.000 min  
Response: 61437544  
Conc: 47.94 ng/ml



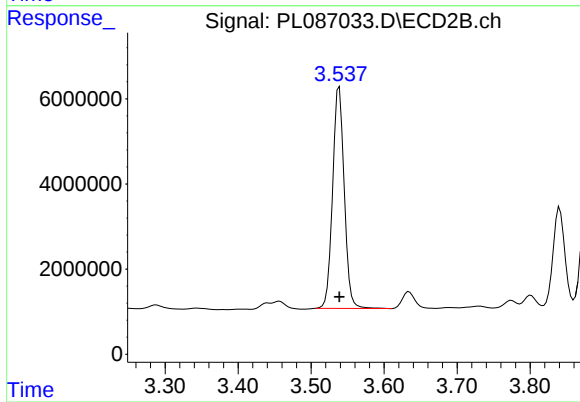
#3 gamma-BHC (Lindane)

R.T.: 4.244 min  
Delta R.T.: 0.000 min  
Response: 209979448  
Conc: 50.57 ng/ml

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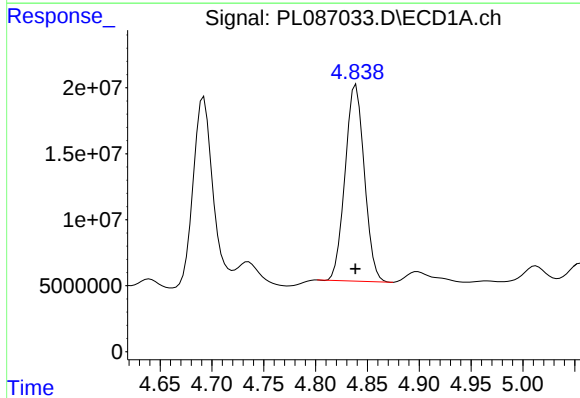
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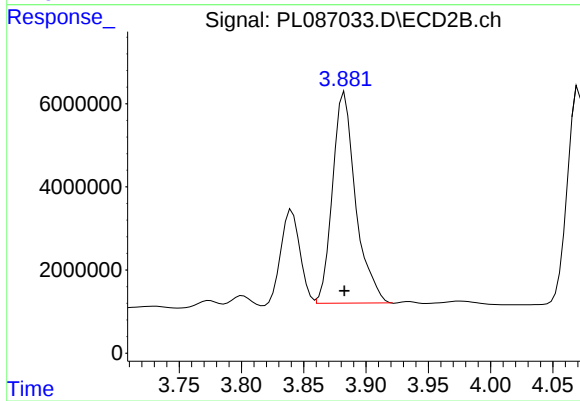
#3 gamma-BHC (Lindane)

R.T.: 3.539 min  
Delta R.T.: 0.000 min  
Response: 57668104  
Conc: 45.53 ng/ml



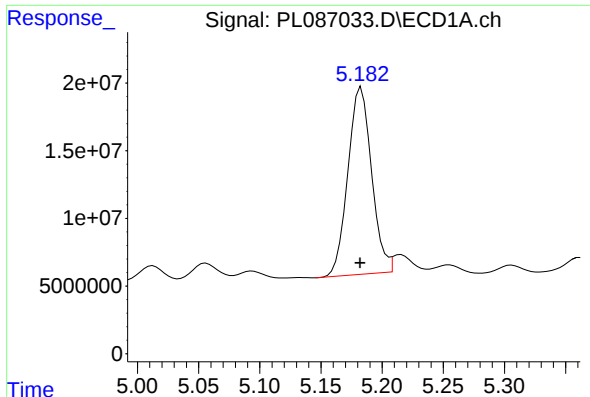
#4 Heptachlor

R.T.: 4.839 min  
Delta R.T.: 0.000 min  
Response: 192394194  
Conc: 47.59 ng/ml



#4 Heptachlor

R.T.: 3.883 min  
Delta R.T.: 0.000 min  
Response: 65460428  
Conc: 52.59 ng/ml



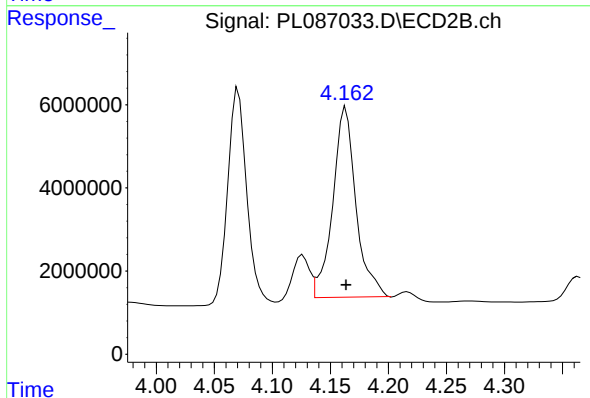
#5 Aldrin

R.T.: 5.183 min  
Delta R.T.: 0.000 min  
Response: 185750139  
Conc: 46.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-LINDENMSD

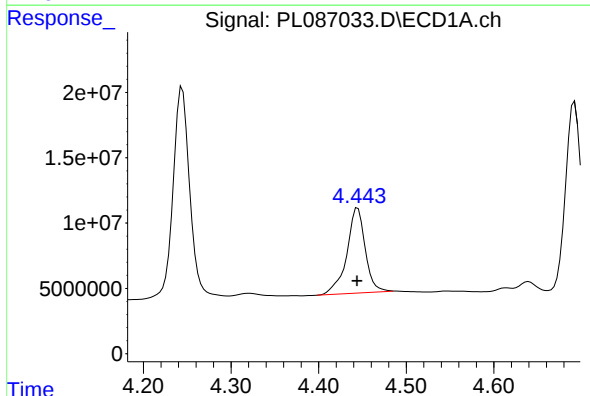
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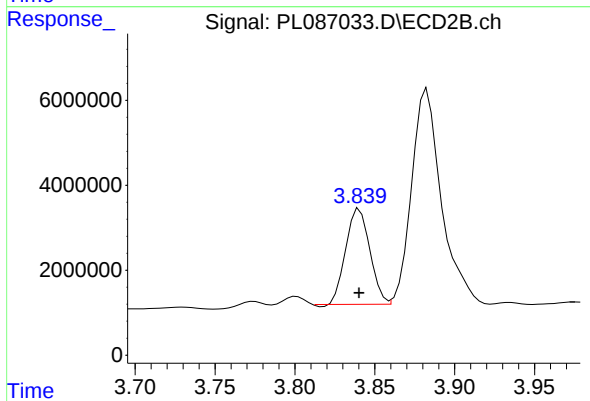
#5 Aldrin

R.T.: 4.162 min  
Delta R.T.: -0.002 min  
Response: 63393793  
Conc: 52.70 ng/ml m



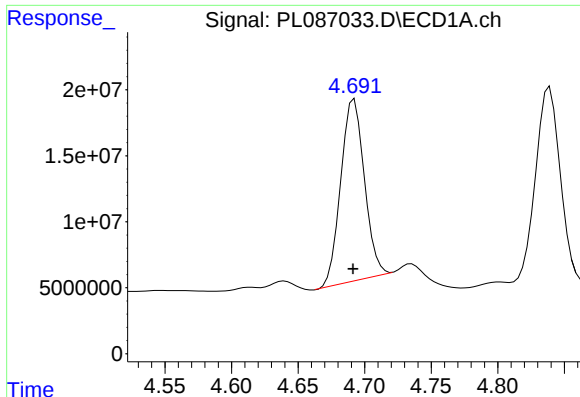
#6 beta-BHC

R.T.: 4.443 min  
Delta R.T.: 0.000 min  
Response: 95293644  
Conc: 56.04 ng/ml m



#6 beta-BHC

R.T.: 3.841 min  
Delta R.T.: 0.000 min  
Response: 23610275  
Conc: 41.62 ng/ml



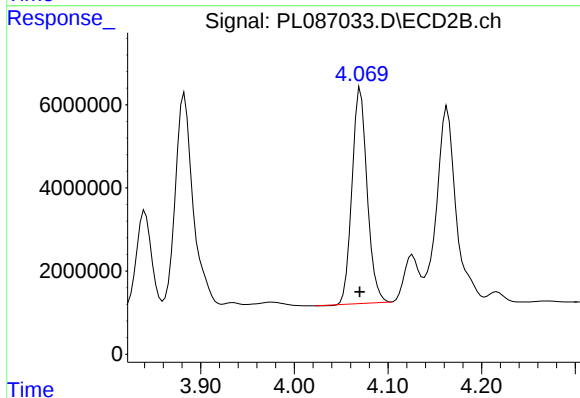
#7 delta-BHC

R.T.: 4.691 min  
Delta R.T.: 0.000 min  
Response: 170768754  
Conc: 47.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-LINDENMSD

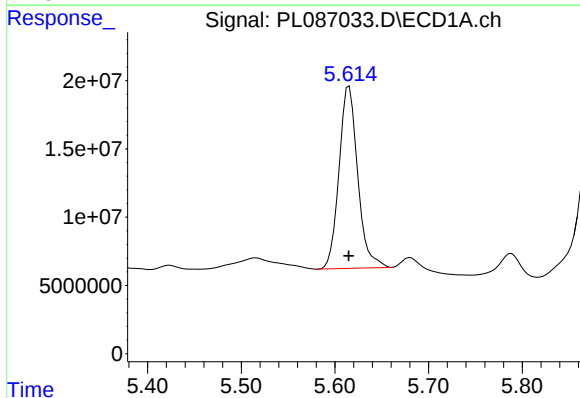
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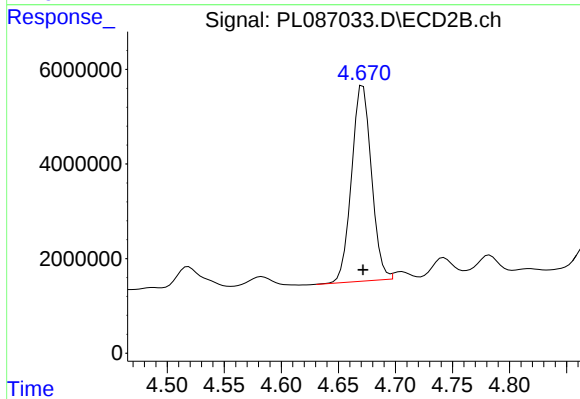
#7 delta-BHC

R.T.: 4.071 min  
Delta R.T.: 0.000 min  
Response: 58244594  
Conc: 47.92 ng/ml



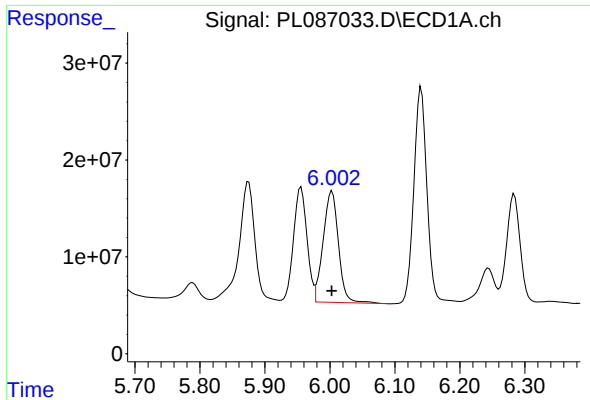
#8 Heptachlor epoxide

R.T.: 5.615 min  
Delta R.T.: 0.000 min  
Response: 185405693  
Conc: 52.62 ng/ml



#8 Heptachlor epoxide

R.T.: 4.672 min  
Delta R.T.: 0.000 min  
Response: 50005448  
Conc: 45.27 ng/ml



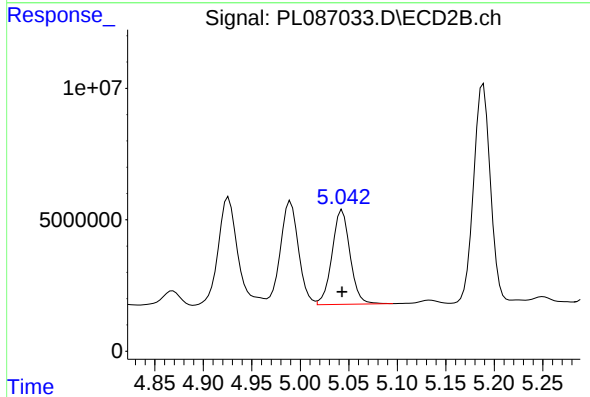
#9 Endosulfan I

R.T.: 6.003 min  
Delta R.T.: 0.000 min  
Response: 188069154  
Conc: 57.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-LINDENMSD

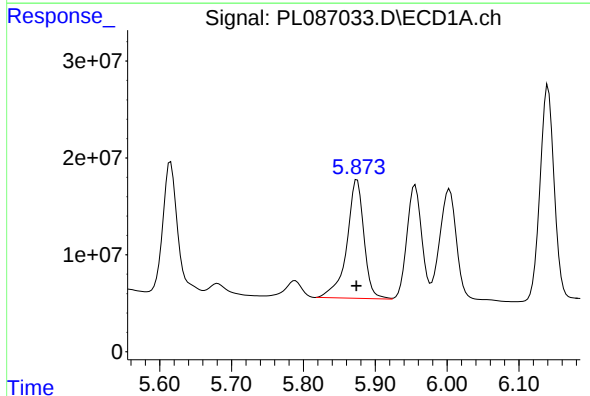
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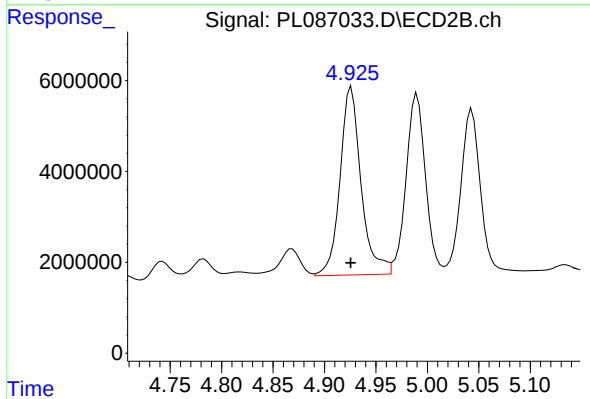
#9 Endosulfan I

R.T.: 5.043 min  
Delta R.T.: 0.000 min  
Response: 46320295  
Conc: 43.58 ng/ml



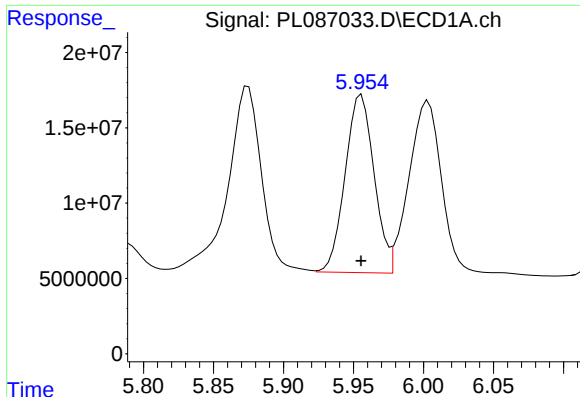
#10 gamma-Chlordane

R.T.: 5.875 min  
Delta R.T.: 0.001 min  
Response: 202433397  
Conc: 58.85 ng/ml



#10 gamma-Chlordane

R.T.: 4.926 min  
Delta R.T.: 0.000 min  
Response: 58938348  
Conc: 54.78 ng/ml



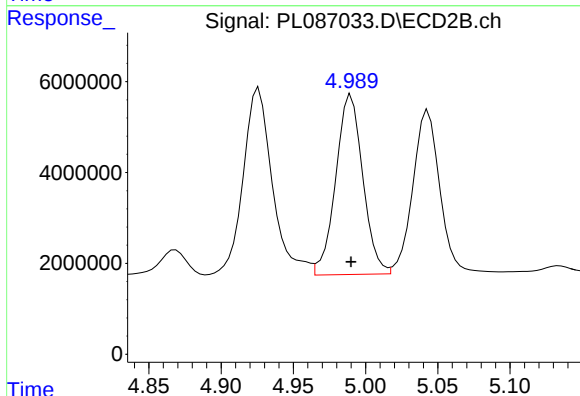
#11 alpha-Chlordane

R.T.: 5.956 min  
Delta R.T.: 0.000 min  
Response: 169953394  
Conc: 49.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-LINDENMSD

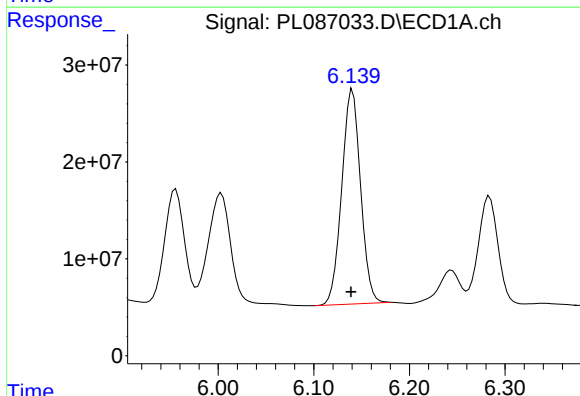
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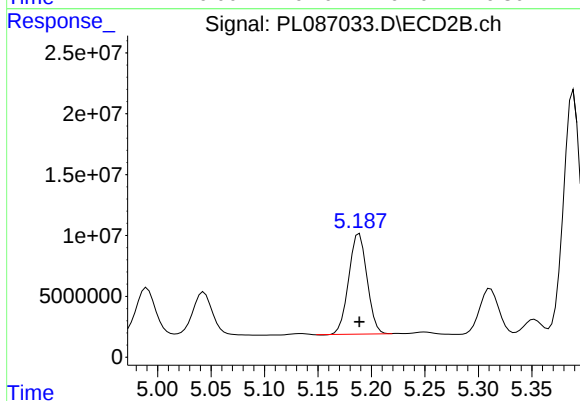
#11 alpha-Chlordane

R.T.: 4.990 min  
Delta R.T.: 0.000 min  
Response: 51606141  
Conc: 46.30 ng/ml



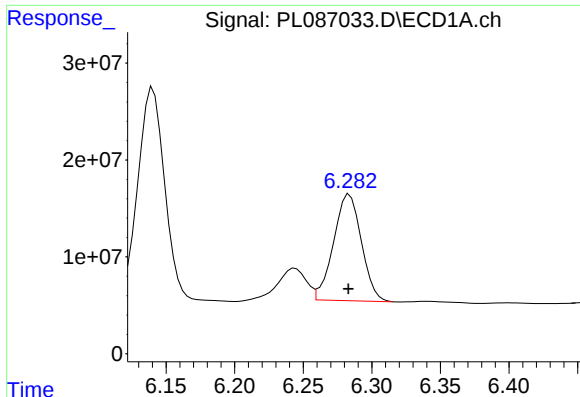
#12 4,4'-DDE

R.T.: 6.141 min  
Delta R.T.: 0.001 min  
Response: 304133482  
Conc: 121.30 ng/ml



#12 4,4'-DDE

R.T.: 5.189 min  
Delta R.T.: 0.000 min  
Response: 98548914  
Conc: 110.89 ng/ml



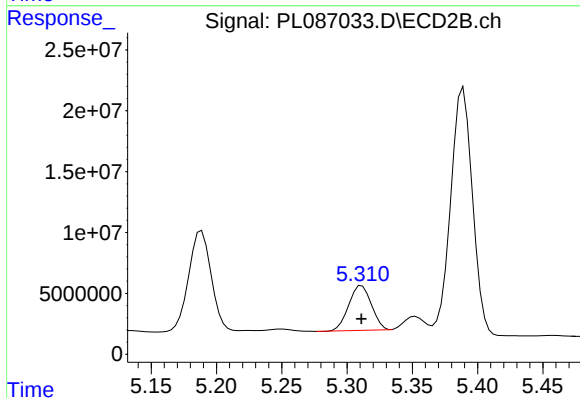
#13 Dieldrin

R.T.: 6.282 min  
Delta R.T.: 0.000 min  
Response: 154490706  
Conc: 47.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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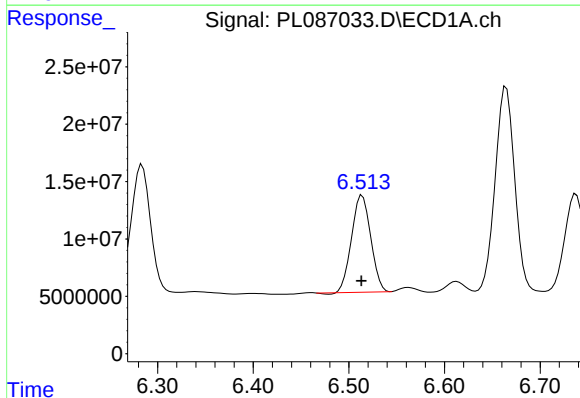
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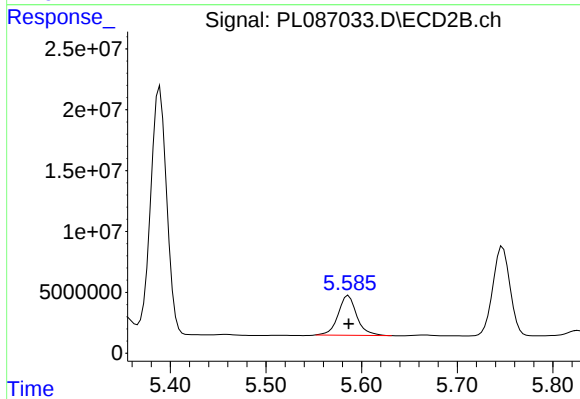
#13 Dieldrin

R.T.: 5.311 min  
Delta R.T.: 0.000 min  
Response: 44227648  
Conc: 44.13 ng/ml



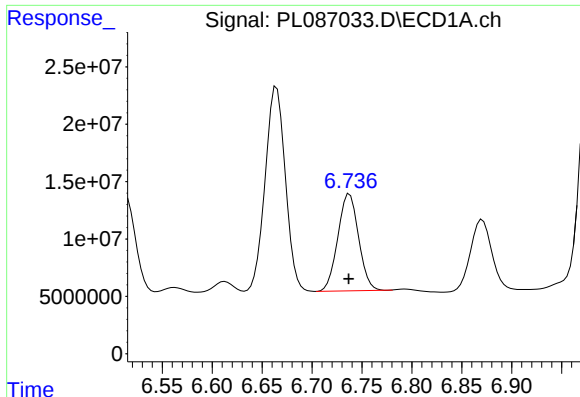
#14 Endrin

R.T.: 6.514 min  
Delta R.T.: 0.000 min  
Response: 117881654  
Conc: 53.42 ng/ml



#14 Endrin

R.T.: 5.586 min  
Delta R.T.: 0.000 min  
Response: 44207667  
Conc: 54.19 ng/ml



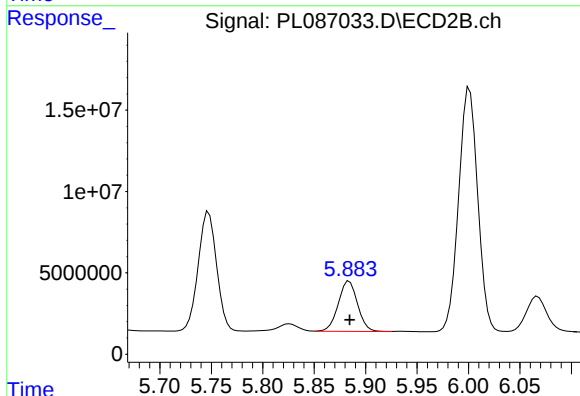
#15 Endosulfan II

R.T.: 6.738 min  
Delta R.T.: 0.000 min  
Response: 121782089  
Conc: 47.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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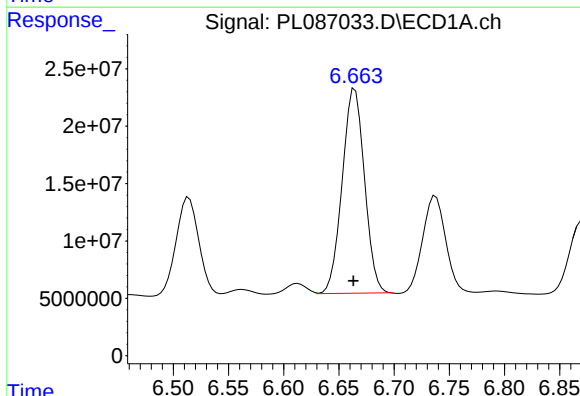
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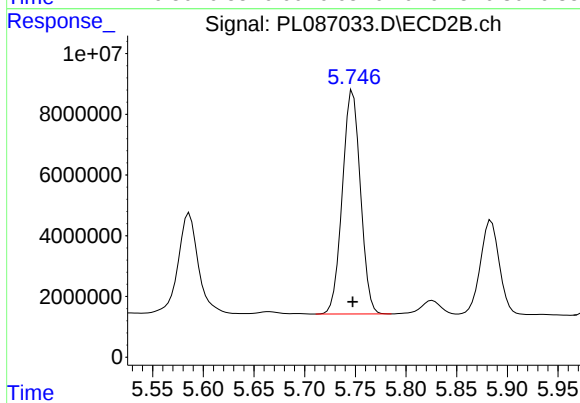
#15 Endosulfan II

R.T.: 5.884 min  
Delta R.T.: 0.000 min  
Response: 40433245  
Conc: 45.94 ng/ml



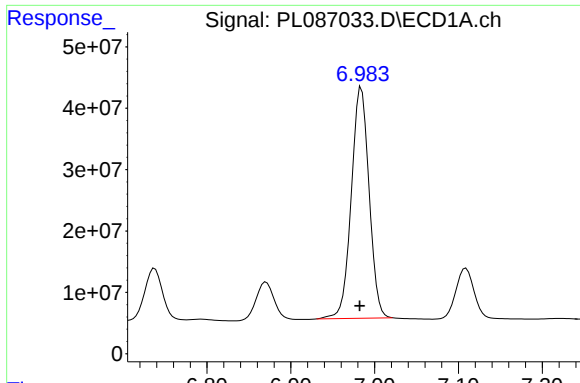
#16 4,4'-DDD

R.T.: 6.663 min  
Delta R.T.: 0.000 min  
Response: 250709291  
Conc: 124.75 ng/ml m



#16 4,4'-DDD

R.T.: 5.747 min  
Delta R.T.: 0.000 min  
Response: 91339077  
Conc: 117.82 ng/ml



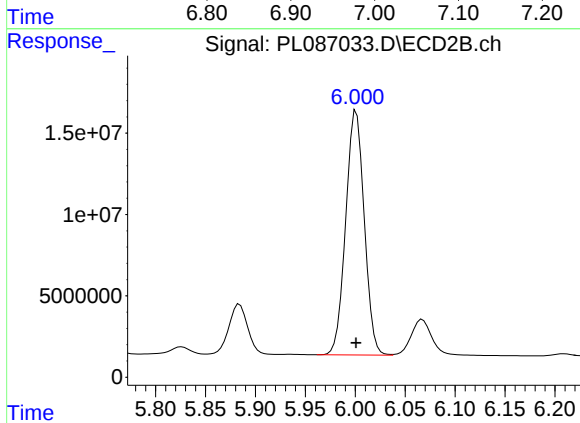
#17 4,4'-DDT

R.T.: 6.984 min  
Delta R.T.: 0.002 min  
Response: 556729126  
Conc: 280.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-LINDENMSD

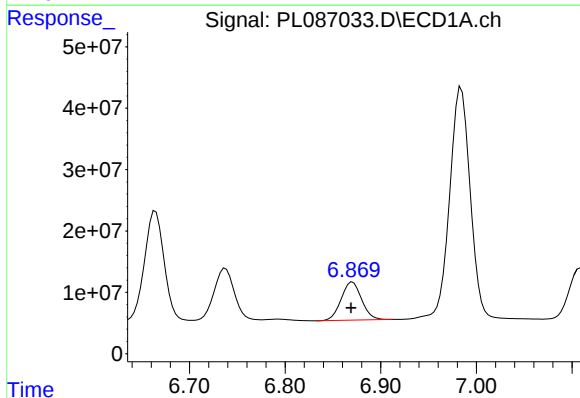
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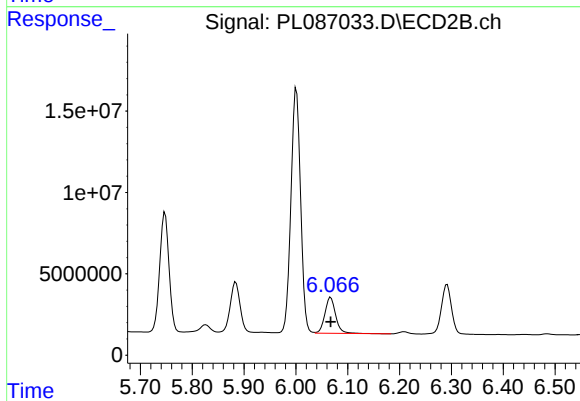
#17 4,4'-DDT

R.T.: 6.001 min  
Delta R.T.: 0.000 min  
Response: 194295654  
Conc: 255.90 ng/ml



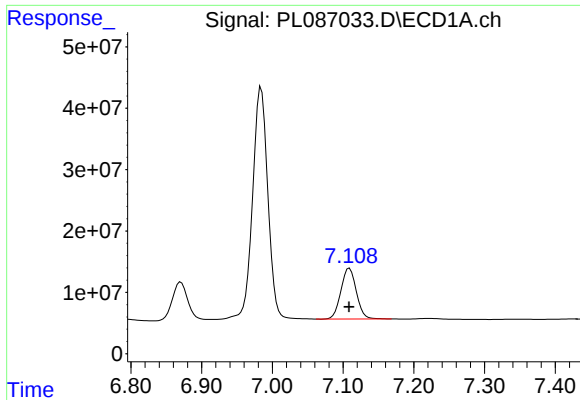
#18 Endrin aldehyde

R.T.: 6.870 min  
Delta R.T.: 0.001 min  
Response: 92202476  
Conc: 50.80 ng/ml



#18 Endrin aldehyde

R.T.: 6.067 min  
Delta R.T.: 0.000 min  
Response: 31809724  
Conc: 46.45 ng/ml



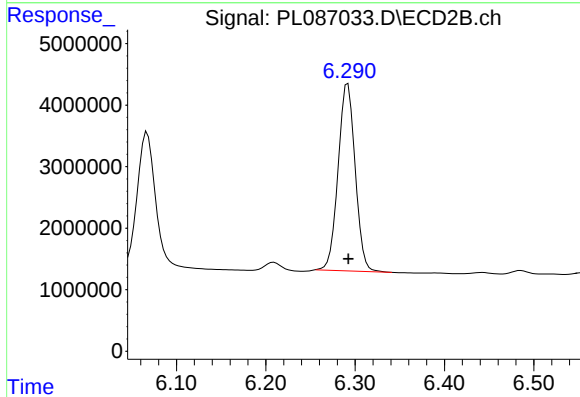
#19 Endosulfan Sulfate

R.T.: 7.109 min  
Delta R.T.: 0.000 min  
Response: 125332107  
Conc: 50.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-LINDENMSD

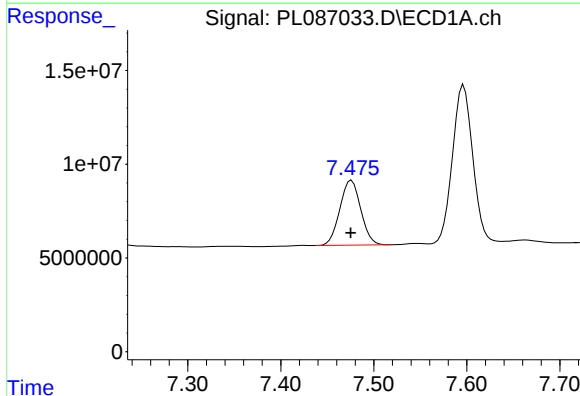
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Supervised By :Ankita Jodhani 12/11/2023



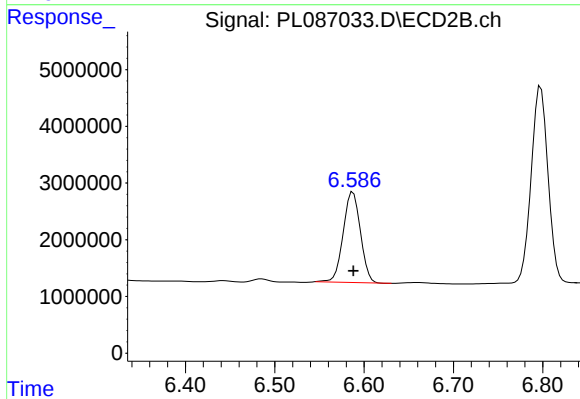
#19 Endosulfan Sulfate

R.T.: 6.292 min  
Delta R.T.: 0.000 min  
Response: 40326538  
Conc: 45.70 ng/ml



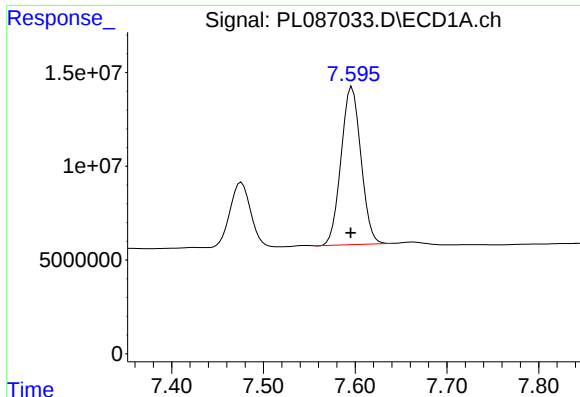
#20 Methoxychlor

R.T.: 7.476 min  
Delta R.T.: 0.000 min  
Response: 54120987  
Conc: 50.84 ng/ml



#20 Methoxychlor

R.T.: 6.588 min  
Delta R.T.: 0.000 min  
Response: 21371920  
Conc: 44.70 ng/ml



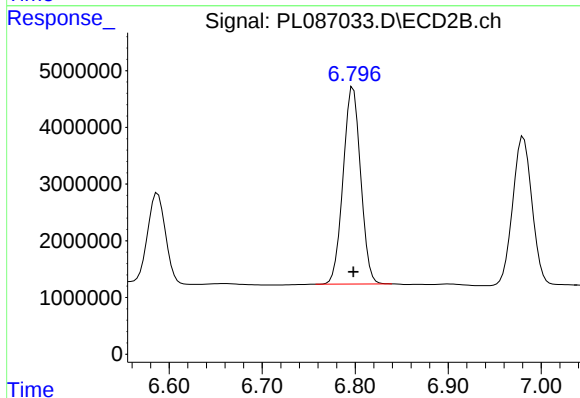
#21 Endrin ketone

R.T.: 7.597 min  
Delta R.T.: 0.001 min  
Response: 126500377  
Conc: 49.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-LINDENMSD

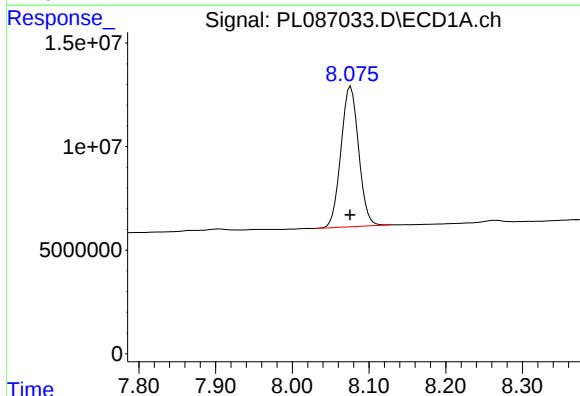
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/11/2023  
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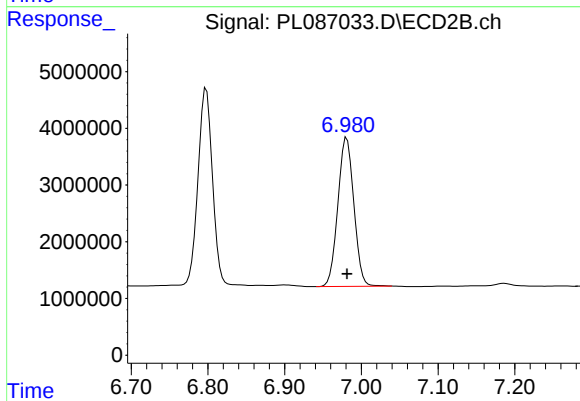
#21 Endrin ketone

R.T.: 6.798 min  
Delta R.T.: 0.000 min  
Response: 45450387  
Conc: 44.94 ng/ml



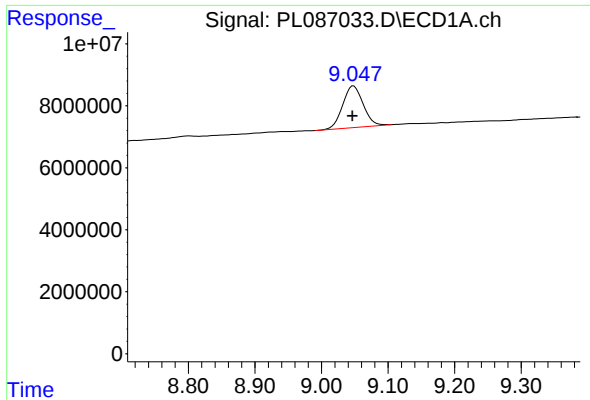
#22 Mirex

R.T.: 8.076 min  
Delta R.T.: 0.000 min  
Response: 108847358  
Conc: 48.33 ng/ml



#22 Mirex

R.T.: 6.981 min  
Delta R.T.: 0.000 min  
Response: 38009627  
Conc: 42.84 ng/ml



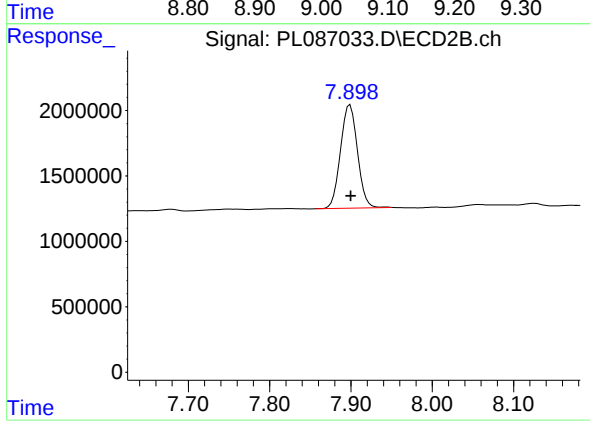
#28 Decachlorobiphenyl

R.T.: 9.048 min  
Delta R.T.: 0.002 min  
Response: 28631260  
Conc: 12.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-LINDENMSD

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.899 min  
Delta R.T.: 0.000 min  
Response: 11450724  
Conc: 11.90 ng/ml