

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082919\  
 Data File : PL051978.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Aug 2019 17:12  
 Operator : SG\AJ  
 Sample : K4439-10MS  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 S-5-(5-7)MS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 30 00:48:12 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081919.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Aug 19 18:03:07 2019  
 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... | 3.314 | 3.924 | 154.6E6  | 43516804 | 18.059  | 19.918   |
| 28)                         | SA Decachlor... | 7.972 | 8.951 | 200.5E6  | 50868203 | 16.523  | 16.712   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.740 | 4.312 | 838.0E6  | 159.8E6  | 57.834  | 49.592   |
| 3)                          | MA gamma-BHC... | 4.016 | 4.594 | 792.5E6  | 179.8E6  | 60.240  | 57.117m  |
| 4)                          | MA Heptachlor   | 4.299 | 5.096 | 855.0E6  | 205.8E6  | 56.479  | 58.689   |
| 5)                          | MB Aldrin       | 4.530 | 5.398 | 1749.3E6 | 220.8E6  | 121.051 | 67.348 # |
| 6)                          | B beta-BHC      | 4.271 | 4.772 | 335.4E6  | 81129508 | 58.736  | 55.666m  |
| 7)                          | B delta-BHC     | 4.464 | 4.986 | 767.7E6  | 149.2E6  | 51.633  | 47.683   |
| 8)                          | B Heptachlo...  | 4.973 | 5.783 | 788.7E6  | 172.5E6  | 56.392  | 51.126m  |
| 9)                          | A Endosulfan I  | 5.303 | 6.138 | 886.8E6  | 178.4E6  | 65.967  | 55.166m  |
| 10)                         | B gamma-Chl...  | 5.195 | 6.019 | 929.0E6  | 180.5E6  | 62.214  | 49.444   |
| 11)                         | B alpha-Chl...  | 5.251 | 6.090 | 957.3E6  | 178.8E6  | 66.152  | 51.807   |
| 12)                         | B 4,4'-DDE      | 5.417 | 6.251 | 725.1E6  | 174.8E6  | 52.982  | 49.647   |
| 13)                         | MA Dieldrin     | 5.542 | 6.396 | 864.5E6  | 186.3E6  | 56.856  | 54.389   |
| 14)                         | MA Endrin       | 5.794 | 6.614 | 775.1E6  | 165.2E6  | 53.143  | 54.624   |
| 15)                         | B Endosulfa...  | 6.070 | 6.826 | 654.8E6  | 180.1E6  | 47.057  | 54.648   |
| 16)                         | A 4,4'-DDD      | 5.928 | 6.741 | 580.0E6  | 160.6E6  | 47.361  | 59.328 # |
| 17)                         | MA 4,4'-DDT     | 6.163 | 7.038 | 610.4E6  | 154.6E6  | 47.867  | 52.809   |
| 18)                         | B Endrin al...  | 6.236 | 6.950 | 521.3E6  | 150.1E6  | 44.815  | 53.104   |
| 19)                         | B Endosulfa...  | 6.448 | 7.173 | 612.8E6  | 165.2E6  | 47.109  | 53.486   |
| 20)                         | A Methoxychlor  | 6.707 | 7.499 | 292.0E6  | 84422406 | 43.066  | 50.335   |
| 21)                         | B Endrin ke...  | 6.928 | 7.641 | 640.6E6  | 179.1E6  | 45.280  | 55.966   |
| 22)                         | Mirex           | 7.102 | 8.088 | 466.2E6  | 125.8E6  | 44.029  | 51.696   |
| -----                       |                 |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082919\  
 Data File : PL051978.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Aug 2019 17:12  
 Operator : SG\AJ  
 Sample : K4439-10MS  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

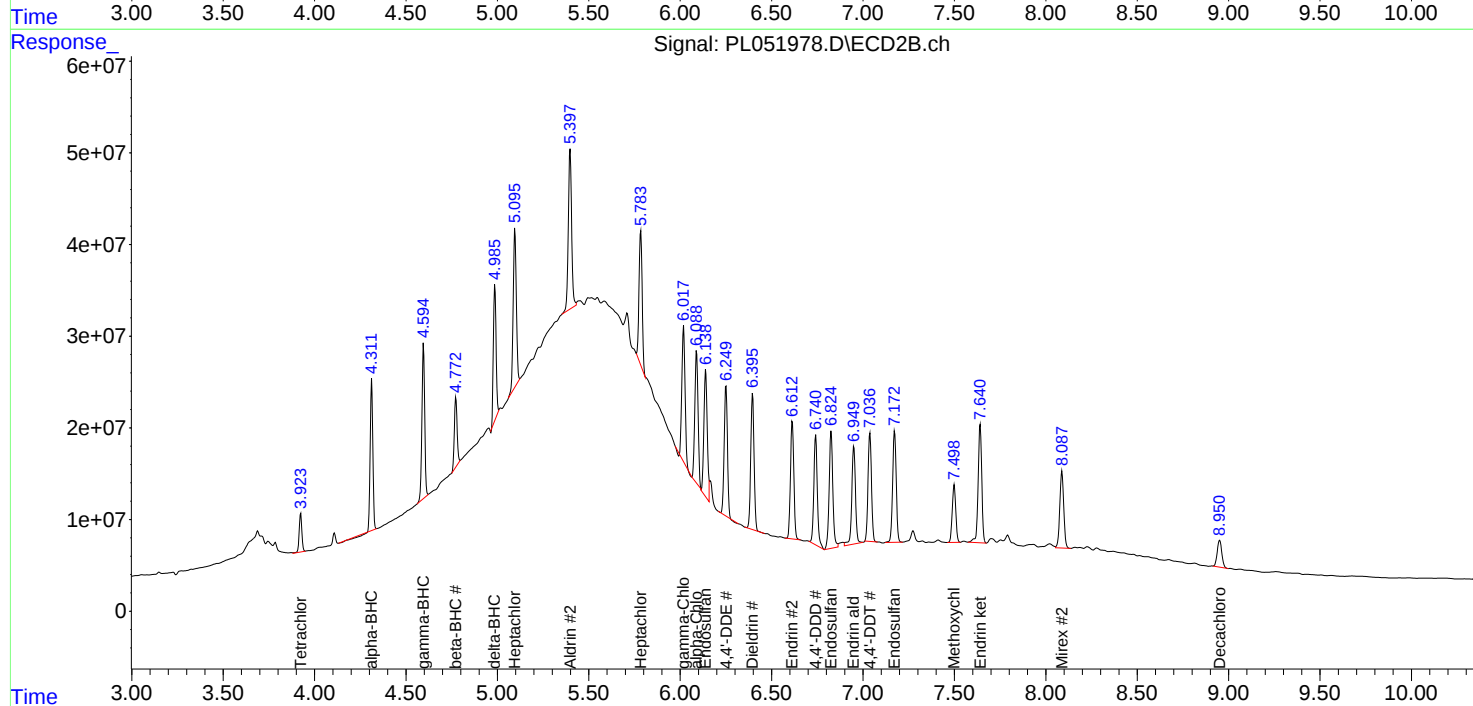
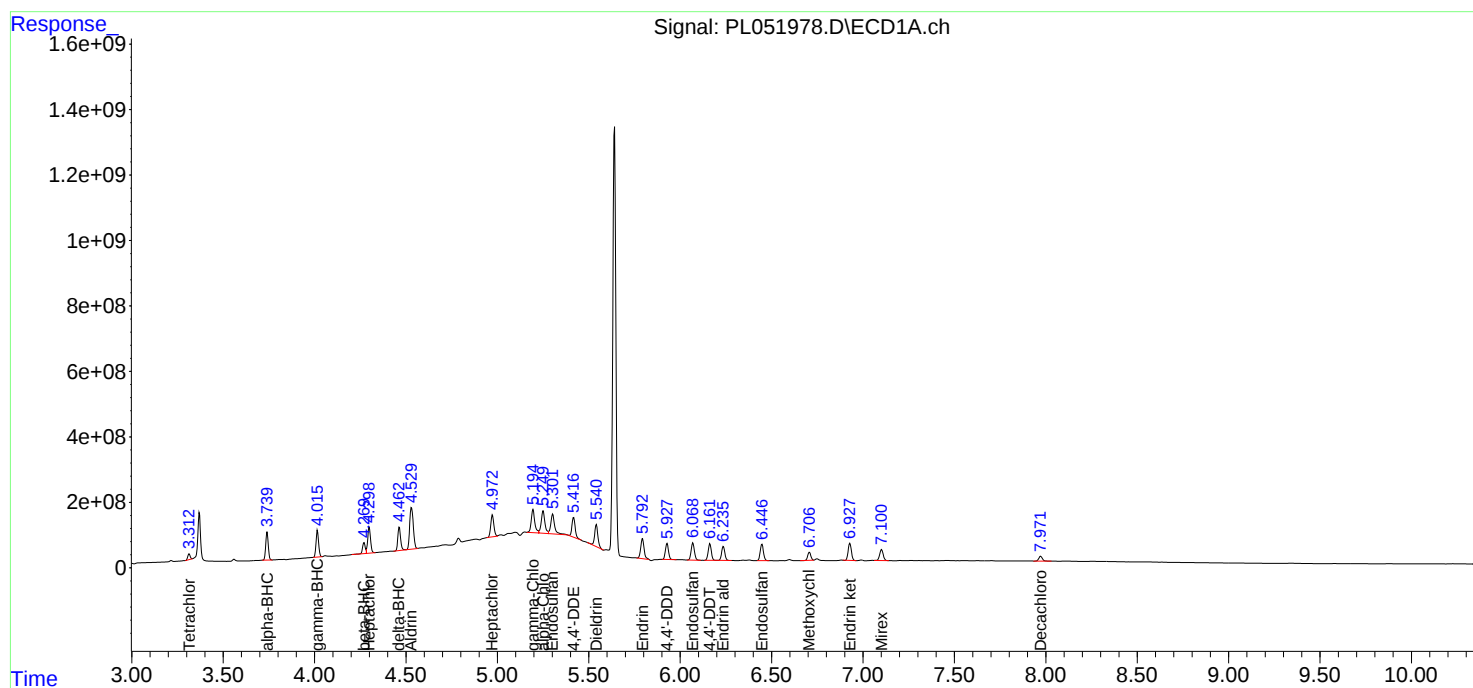
Instrument :  
 ECD\_L  
 ClientSampled :  
 S-5-(5-7)MS

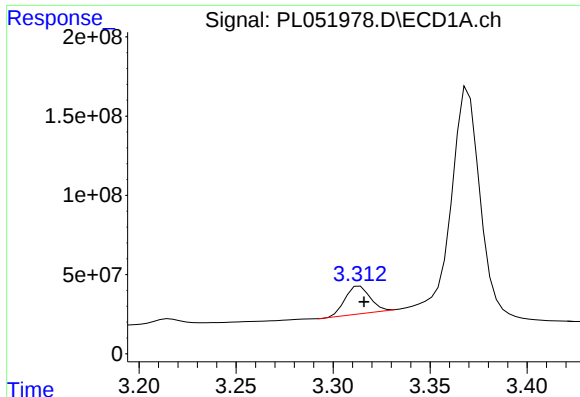
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 30 00:48:12 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081919.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Aug 19 18:03:07 2019  
 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





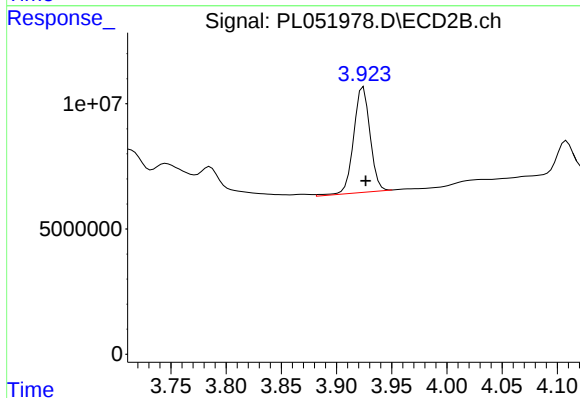
#1 Tetrachloro-m-xylene

R.T.: 3.314 min  
Delta R.T.: -0.002 min  
Response: 154563907  
Conc: 18.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-5-(5-7)MS

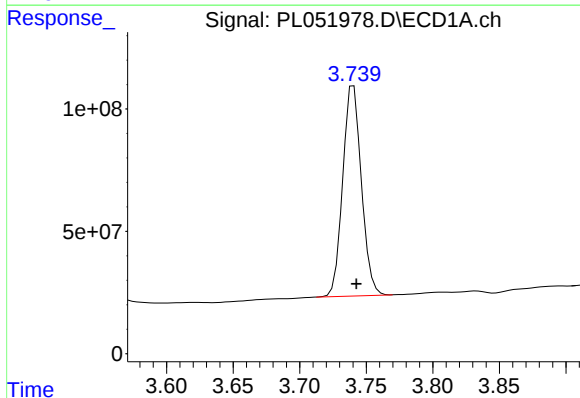
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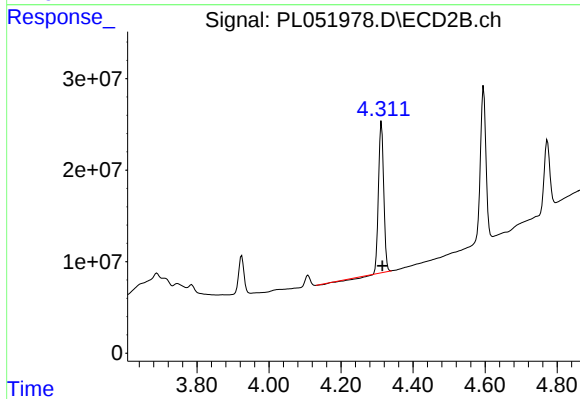
#1 Tetrachloro-m-xylene

R.T.: 3.924 min  
Delta R.T.: -0.002 min  
Response: 43516804  
Conc: 19.92 ng/ml



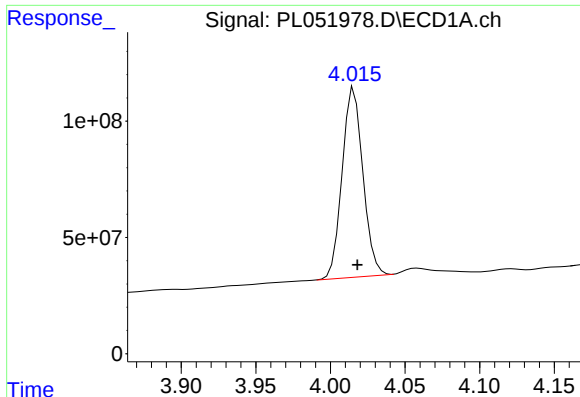
#2 alpha-BHC

R.T.: 3.740 min  
Delta R.T.: -0.002 min  
Response: 837993946  
Conc: 57.83 ng/ml



#2 alpha-BHC

R.T.: 4.312 min  
Delta R.T.: -0.003 min  
Response: 159804402  
Conc: 49.59 ng/ml



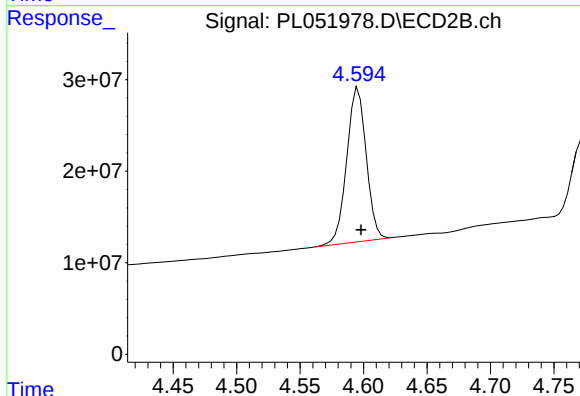
#3 gamma-BHC (Lindane)

R.T.: 4.016 min  
Delta R.T.: -0.002 min  
Response: 792546864  
Conc: 60.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-5-(5-7)MS

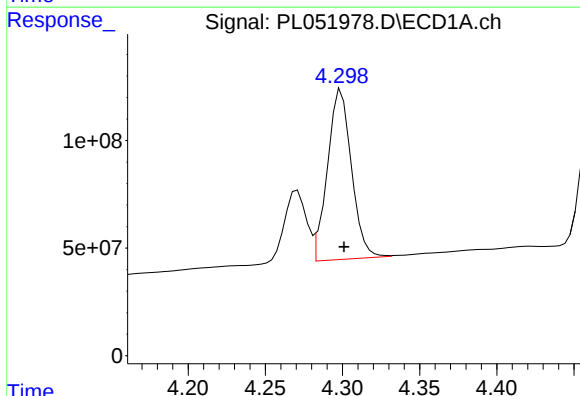
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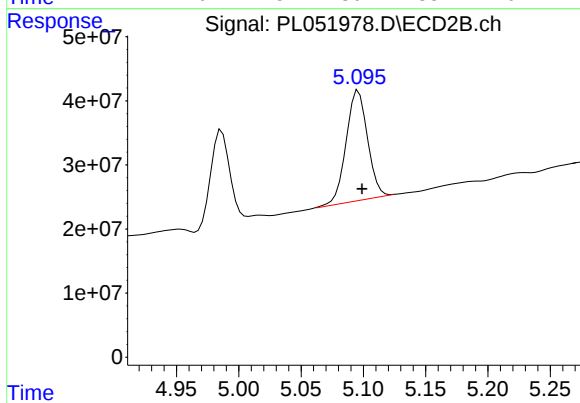
#3 gamma-BHC (Lindane)

R.T.: 4.594 min  
Delta R.T.: -0.003 min  
Response: 179820309  
Conc: 57.12 ng/ml m



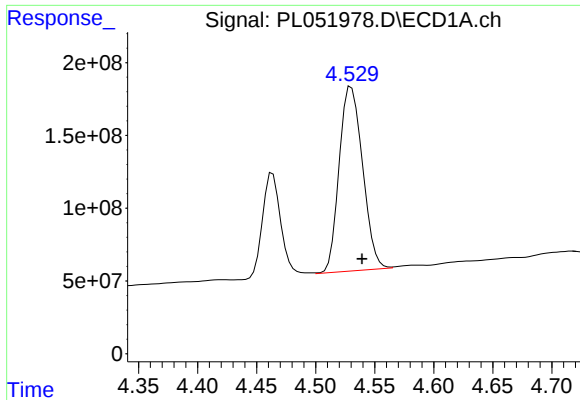
#4 Heptachlor

R.T.: 4.299 min  
Delta R.T.: -0.002 min  
Response: 855026190  
Conc: 56.48 ng/ml



#4 Heptachlor

R.T.: 5.096 min  
Delta R.T.: -0.003 min  
Response: 205816456  
Conc: 58.69 ng/ml



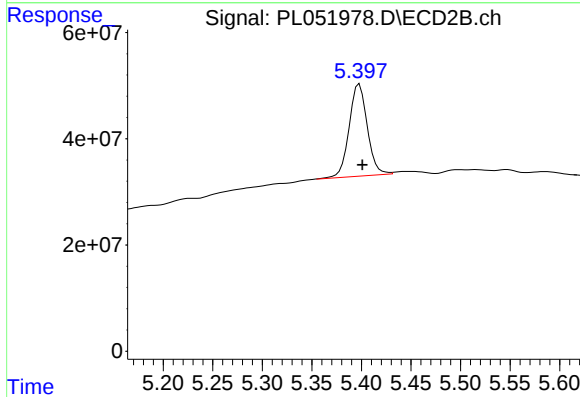
#5 Aldrin

R.T.: 4.530 min  
Delta R.T.: -0.009 min  
Response: 1749269676  
Conc: 121.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-5-(5-7)MS

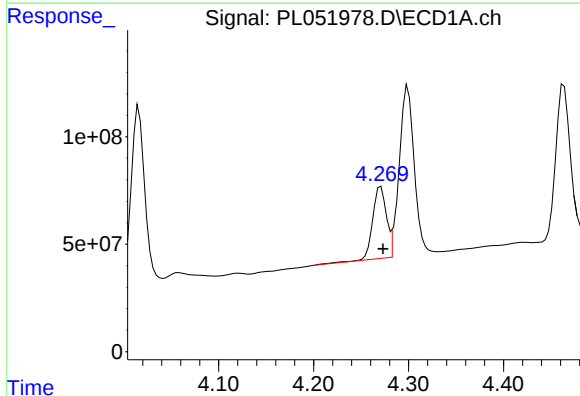
Manual Integrations  
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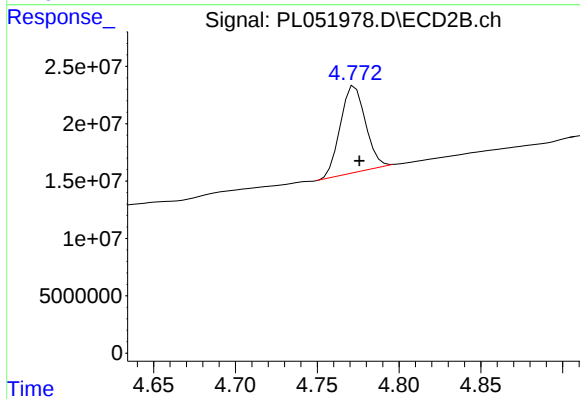
#5 Aldrin

R.T.: 5.398 min  
Delta R.T.: -0.003 min  
Response: 220827506  
Conc: 67.35 ng/ml



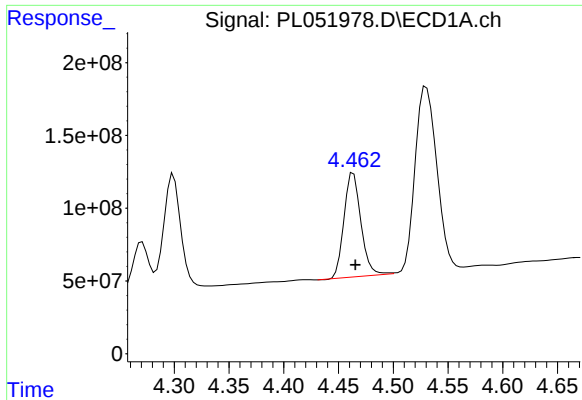
#6 beta-BHC

R.T.: 4.271 min  
Delta R.T.: -0.002 min  
Response: 335389071  
Conc: 58.74 ng/ml



#6 beta-BHC

R.T.: 4.772 min  
Delta R.T.: -0.004 min  
Response: 81129508  
Conc: 55.67 ng/ml m



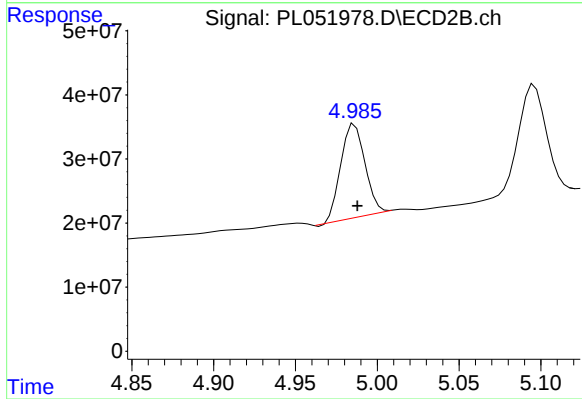
#7 delta-BHC

R.T.: 4.464 min  
Delta R.T.: -0.002 min  
Response: 767737808  
Conc: 51.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-5-(5-7)MS

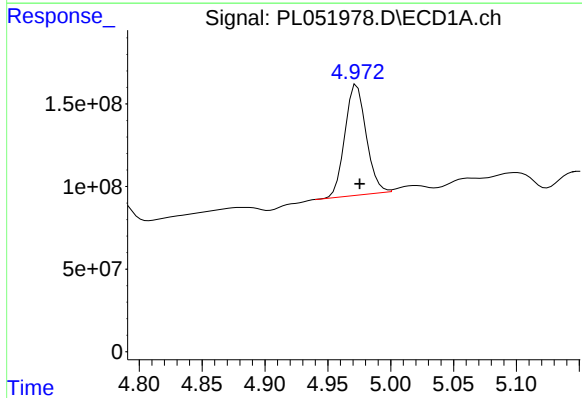
Manual Integrations  
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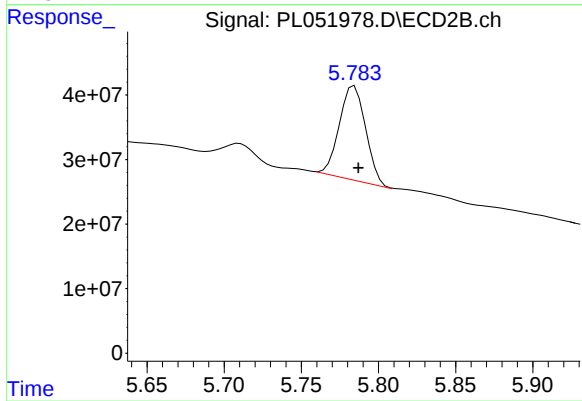
#7 delta-BHC

R.T.: 4.986 min  
Delta R.T.: -0.002 min  
Response: 149234602  
Conc: 47.68 ng/ml



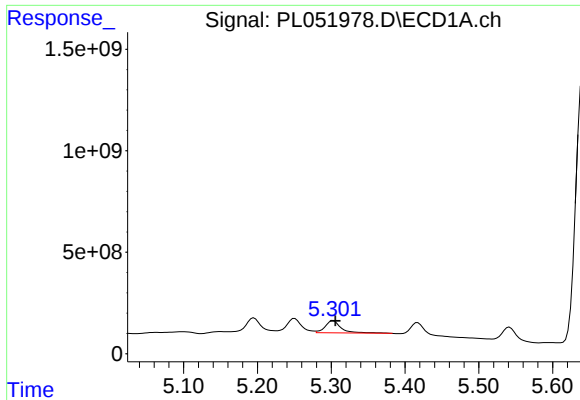
#8 Heptachlor epoxide

R.T.: 4.973 min  
Delta R.T.: -0.002 min  
Response: 788668012  
Conc: 56.39 ng/ml



#8 Heptachlor epoxide

R.T.: 5.783 min  
Delta R.T.: -0.004 min  
Response: 172539399  
Conc: 51.13 ng/ml m



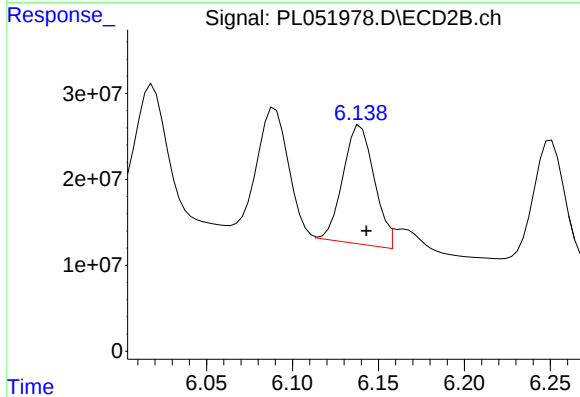
#9 Endosulfan I

R.T.: 5.303 min  
Delta R.T.: -0.003 min  
Response: 886839295  
Conc: 65.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-5-(5-7)MS

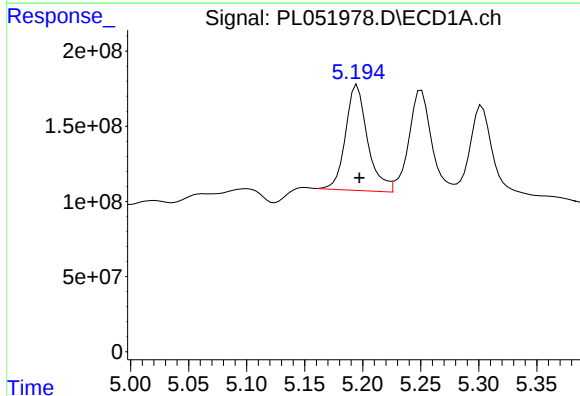
Manual Integrations  
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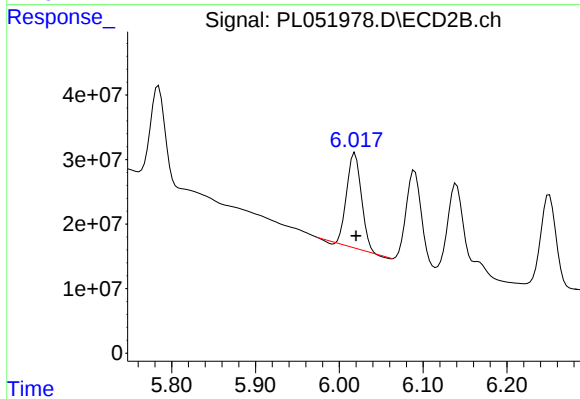
#9 Endosulfan I

R.T.: 6.138 min  
Delta R.T.: -0.005 min  
Response: 178362944  
Conc: 55.17 ng/ml m



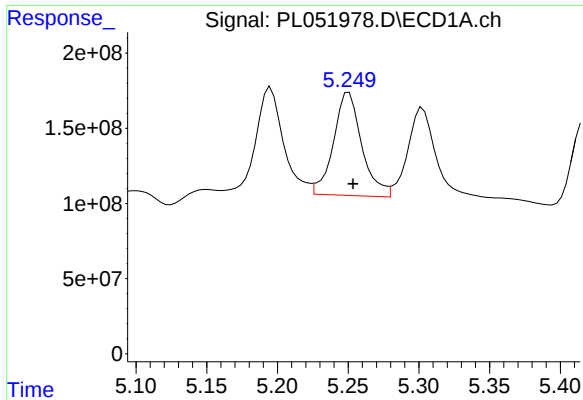
#10 gamma-Chlordane

R.T.: 5.195 min  
Delta R.T.: -0.002 min  
Response: 928976499  
Conc: 62.21 ng/ml



#10 gamma-Chlordane

R.T.: 6.019 min  
Delta R.T.: -0.001 min  
Response: 180519970  
Conc: 49.44 ng/ml



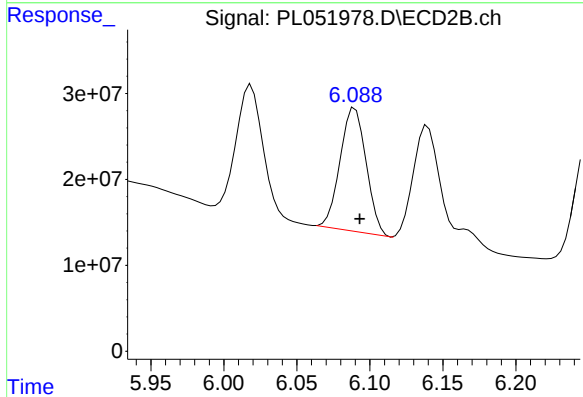
#11 alpha-Chlordane

R.T.: 5.251 min  
Delta R.T.: -0.003 min  
Response: 957306908  
Conc: 66.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-5-(5-7)MS

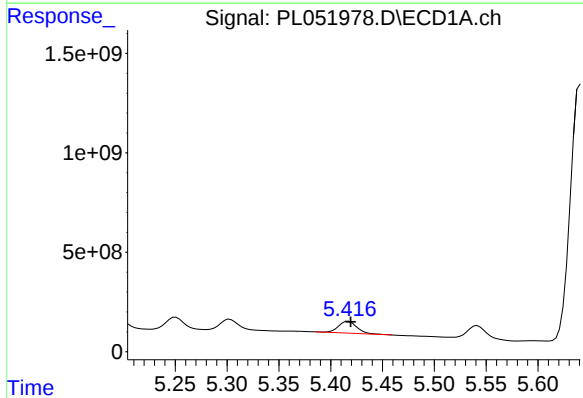
Manual Integrations  
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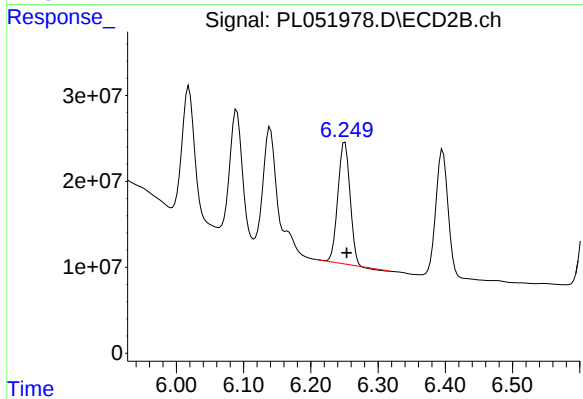
#11 alpha-Chlordane

R.T.: 6.090 min  
Delta R.T.: -0.003 min  
Response: 178785456  
Conc: 51.81 ng/ml



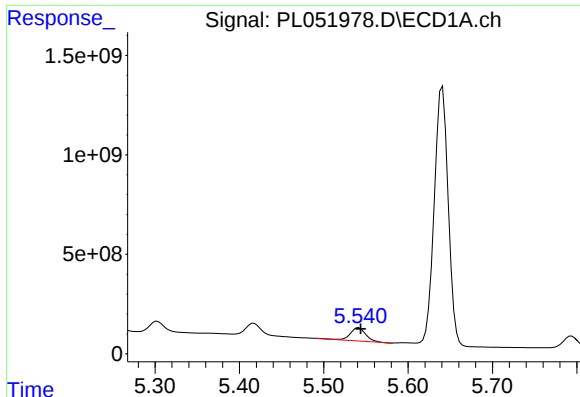
#12 4,4'-DDE

R.T.: 5.417 min  
Delta R.T.: -0.002 min  
Response: 725095376  
Conc: 52.98 ng/ml



#12 4,4'-DDE

R.T.: 6.251 min  
Delta R.T.: -0.003 min  
Response: 174759064  
Conc: 49.65 ng/ml



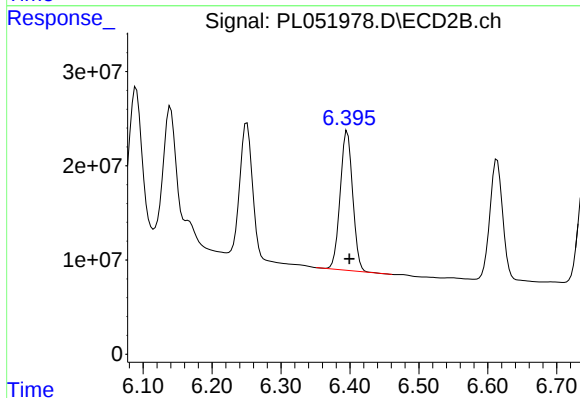
#13 Dieldrin

R.T.: 5.542 min  
Delta R.T.: -0.002 min  
Response: 864481983  
Conc: 56.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-5-(5-7)MS

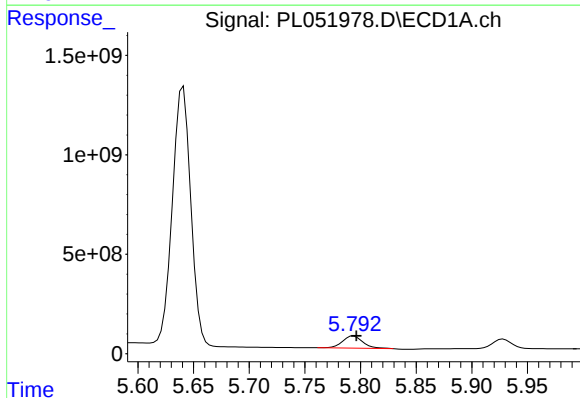
Manual Integrations  
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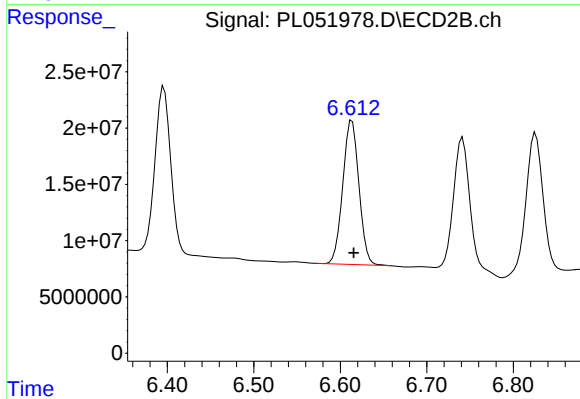
#13 Dieldrin

R.T.: 6.396 min  
Delta R.T.: -0.003 min  
Response: 186259442  
Conc: 54.39 ng/ml



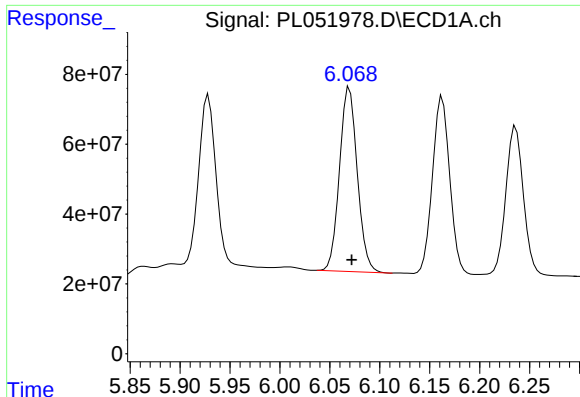
#14 Endrin

R.T.: 5.794 min  
Delta R.T.: -0.003 min  
Response: 775139930  
Conc: 53.14 ng/ml



#14 Endrin

R.T.: 6.614 min  
Delta R.T.: -0.002 min  
Response: 165216697  
Conc: 54.62 ng/ml



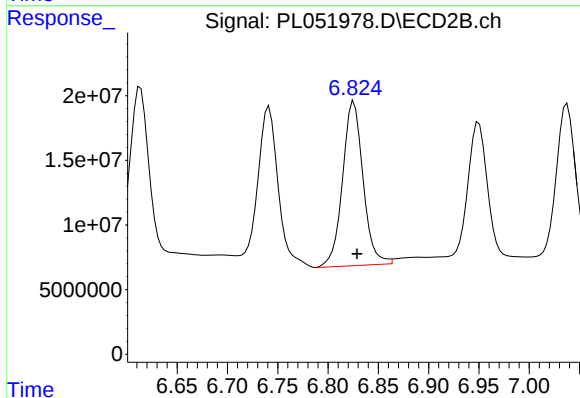
#15 Endosulfan II

R.T.: 6.070 min  
Delta R.T.: -0.002 min  
Response: 654750682  
Conc: 47.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-5-(5-7)MS

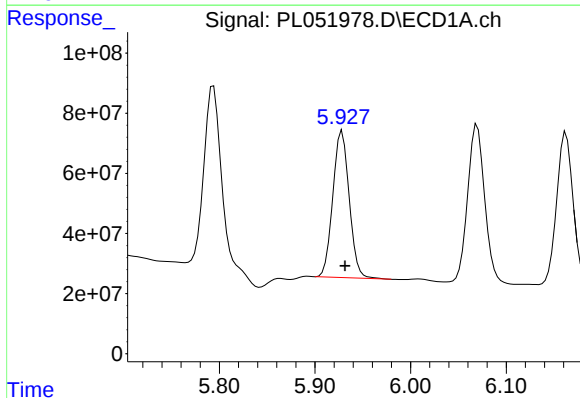
Manual Integrations  
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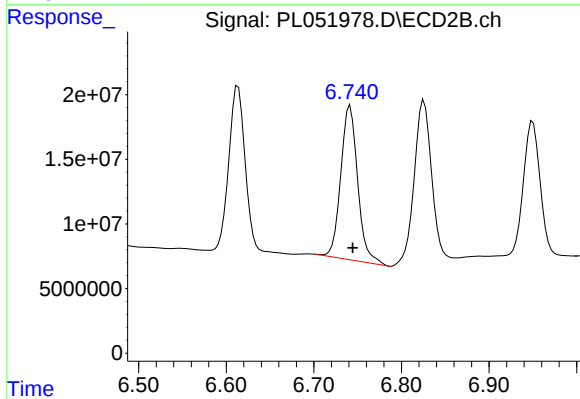
#15 Endosulfan II

R.T.: 6.826 min  
Delta R.T.: -0.003 min  
Response: 180120863  
Conc: 54.65 ng/ml



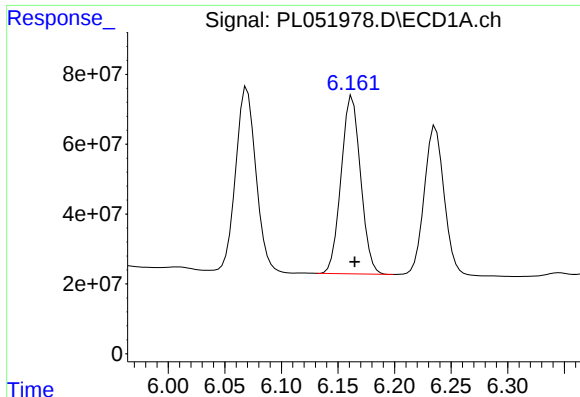
#16 4,4'-DDD

R.T.: 5.928 min  
Delta R.T.: -0.003 min  
Response: 579960056  
Conc: 47.36 ng/ml



#16 4,4'-DDD

R.T.: 6.741 min  
Delta R.T.: -0.003 min  
Response: 160620564  
Conc: 59.33 ng/ml



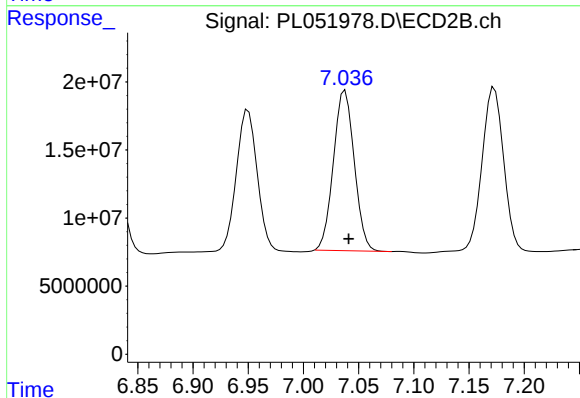
#17 4,4'-DDT

R.T.: 6.163 min  
Delta R.T.: -0.002 min  
Response: 610365305  
Conc: 47.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-5-(5-7)MS

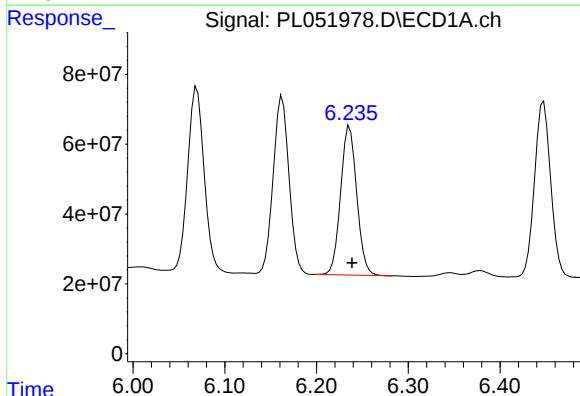
Manual Integrations  
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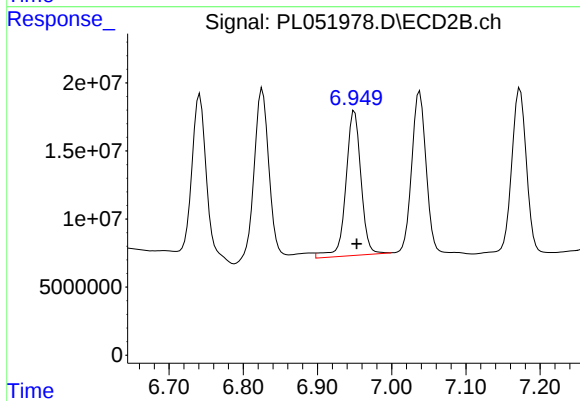
#17 4,4'-DDT

R.T.: 7.038 min  
Delta R.T.: -0.003 min  
Response: 154607661  
Conc: 52.81 ng/ml



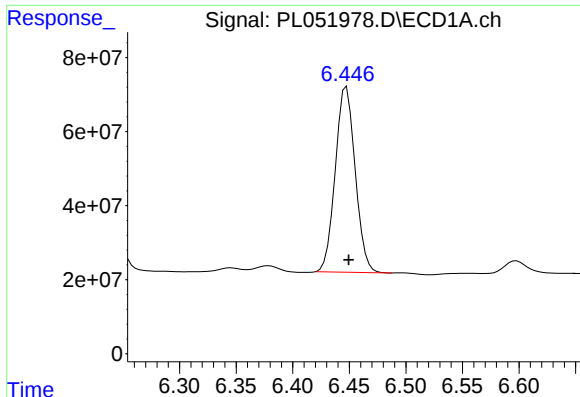
#18 Endrin aldehyde

R.T.: 6.236 min  
Delta R.T.: -0.003 min  
Response: 521341339  
Conc: 44.81 ng/ml



#18 Endrin aldehyde

R.T.: 6.950 min  
Delta R.T.: -0.003 min  
Response: 150084196  
Conc: 53.10 ng/ml



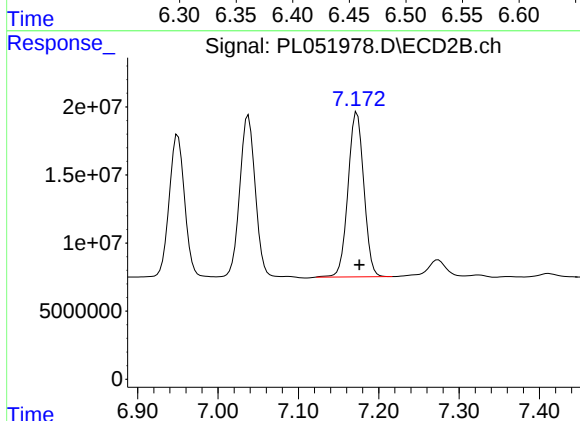
#19 Endosulfan Sulfate

R.T.: 6.448 min  
Delta R.T.: -0.002 min  
Response: 612840774  
Conc: 47.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-5-(5-7)MS

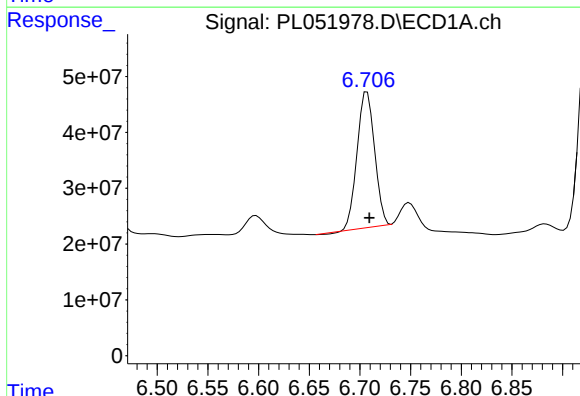
Manual Integrations  
APPROVED

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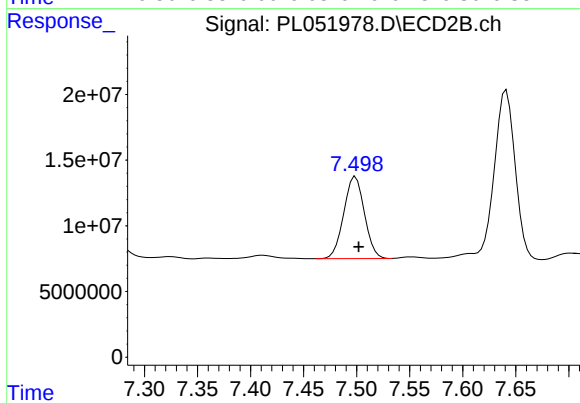
#19 Endosulfan Sulfate

R.T.: 7.173 min  
Delta R.T.: -0.003 min  
Response: 165168704  
Conc: 53.49 ng/ml



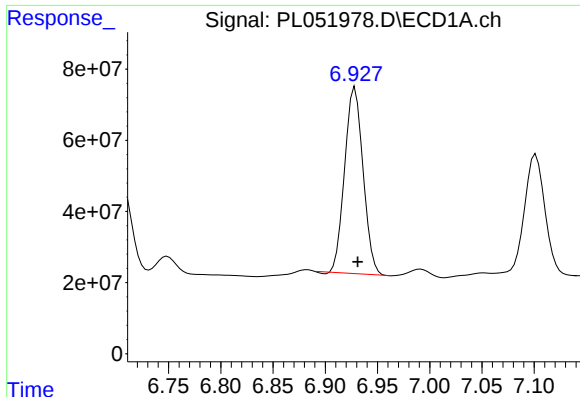
#20 Methoxychlor

R.T.: 6.707 min  
Delta R.T.: -0.002 min  
Response: 291979138  
Conc: 43.07 ng/ml



#20 Methoxychlor

R.T.: 7.499 min  
Delta R.T.: -0.003 min  
Response: 84422406  
Conc: 50.34 ng/ml



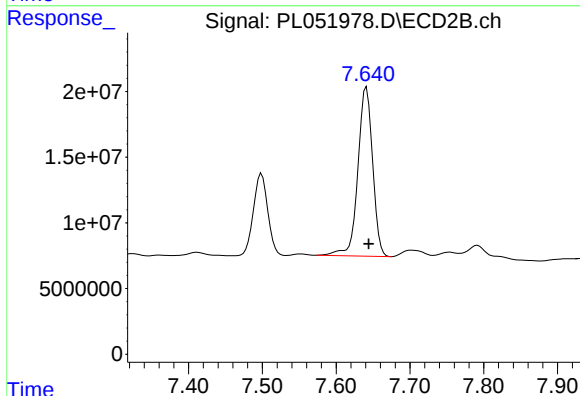
#21 Endrin ketone

R.T.: 6.928 min  
Delta R.T.: -0.003 min  
Response: 640566891  
Conc: 45.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-5-(5-7)MS

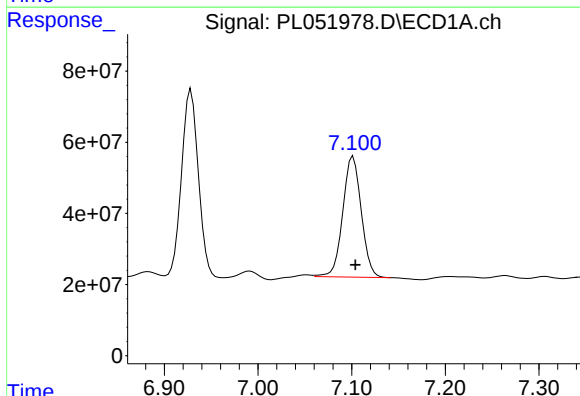
Manual Integrations  
APPROVED

Ankita  
8/30/2019 5:45:56 PM



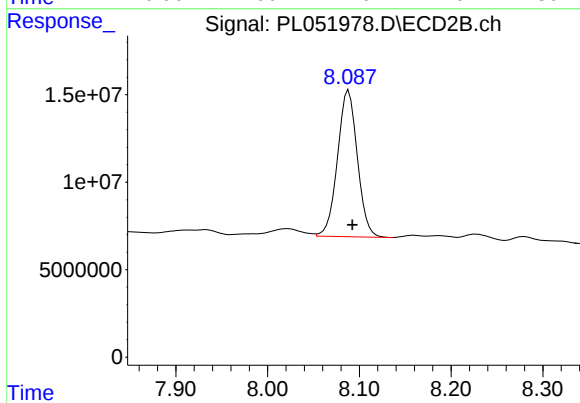
#21 Endrin ketone

R.T.: 7.641 min  
Delta R.T.: -0.003 min  
Response: 179063998  
Conc: 55.97 ng/ml



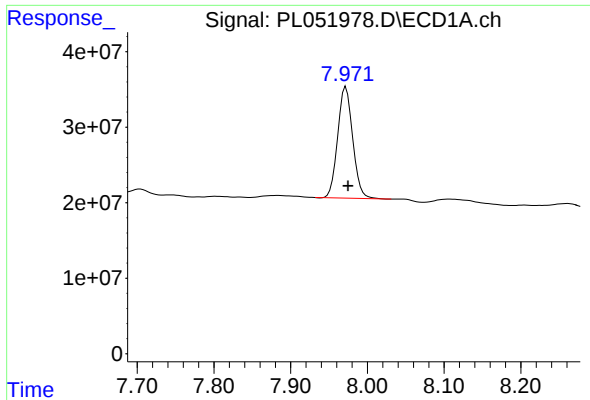
#22 Mirex

R.T.: 7.102 min  
Delta R.T.: -0.002 min  
Response: 466154618  
Conc: 44.03 ng/ml



#22 Mirex

R.T.: 8.088 min  
Delta R.T.: -0.004 min  
Response: 125762464  
Conc: 51.70 ng/ml



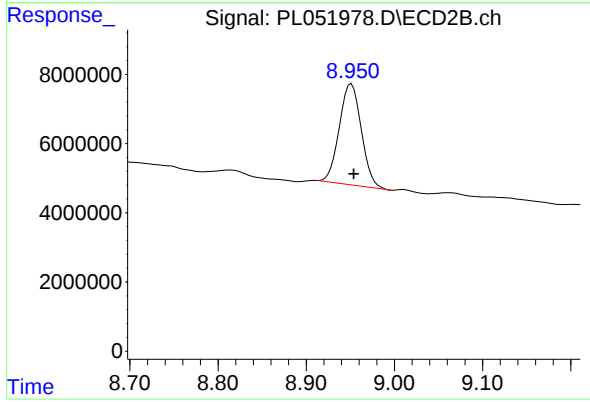
#28 Decachlorobiphenyl

R.T.: 7.972 min  
Delta R.T.: -0.003 min  
Response: 200548211  
Conc: 16.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-5-(5-7)MS

Manual Integrations  
APPROVED

Ankita  
8/30/2019 5:45:56 PM



#28 Decachlorobiphenyl

R.T.: 8.951 min  
Delta R.T.: -0.003 min  
Response: 50868203  
Conc: 16.71 ng/ml