

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051520\  
 Data File : PL058740.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 May 2020 14:10  
 Operator : AJ\MA  
 Sample : PB128902BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB128902BS

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 15 22:48:43 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051220.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 15 06:18:53 2020  
 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... | 3.534 | 4.077 | 29024906 | 44577316 | 17.667  | 20.594  |
| 28)                         | SA Decachlor... | 8.321 | 9.192 | 29877930 | 43862364 | 22.882  | 24.819  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.977 | 4.471 | 104.0E6  | 160.8E6  | 45.195  | 52.525  |
| 3)                          | MA gamma-BHC... | 4.263 | 4.758 | 91595062 | 149.8E6  | 44.645  | 51.086  |
| 4)                          | MA Heptachlor   | 4.571 | 5.273 | 86943289 | 146.7E6  | 46.021  | 52.335  |
| 5)                          | MB Aldrin       | 4.822 | 5.581 | 77889275 | 136.1E6  | 46.784  | 54.663  |
| 6)                          | B beta-BHC      | 4.512 | 4.925 | 41581906 | 73477969 | 46.905  | 55.397  |
| 7)                          | B delta-BHC     | 4.720 | 5.144 | 82762248 | 140.5E6  | 44.503  | 49.497m |
| 8)                          | B Heptachlo...  | 5.267 | 5.968 | 74450706 | 132.0E6  | 47.382  | 54.962  |
| 9)                          | A Endosulfan I  | 5.609 | 6.328 | 70872636 | 119.5E6  | 48.922  | 55.511  |
| 10)                         | B gamma-Chl...  | 5.495 | 6.202 | 74560567 | 128.9E6  | 47.989m | 54.852m |
| 11)                         | B alpha-Chl...  | 5.555 | 6.277 | 73555260 | 128.6E6  | 47.245  | 54.880  |
| 12)                         | B 4,4'-DDE      | 5.717 | 6.431 | 68171856 | 119.2E6  | 48.913m | 57.064  |
| 13)                         | MA Dieldrin     | 5.854 | 6.586 | 73769993 | 123.1E6  | 49.536  | 56.102  |
| 14)                         | MA Endrin       | 6.111 | 6.804 | 60635238 | 95943319 | 46.671  | 52.904  |
| 15)                         | B Endosulfa...  | 6.384 | 7.012 | 65548131 | 106.3E6  | 47.530  | 53.227  |
| 16)                         | A 4,4'-DDD      | 6.236 | 6.922 | 60016243 | 101.7E6  | 50.888  | 58.121  |
| 17)                         | MA 4,4'-DDT     | 6.479 | 7.223 | 55353028 | 86371613 | 45.362  | 51.029  |
| 18)                         | B Endrin al...  | 6.553 | 7.137 | 56876623 | 93990738 | 48.453  | 55.063  |
| 19)                         | B Endosulfa...  | 6.766 | 7.360 | 67295985 | 105.1E6  | 50.767  | 56.133  |
| 20)                         | A Methoxychlor  | 7.026 | 7.679 | 30459678 | 48663838 | 46.922  | 49.547  |
| 21)                         | B Endrin ke...  | 7.258 | 7.834 | 80947994 | 116.8E6  | 54.584  | 57.991  |
| 22)                         | Mirex           | 7.454 | 8.291 | 62773767 | 85456849 | 51.342  | 54.386  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051520\  
Data File : PL058740.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 May 2020 14:10  
Operator : AJ\MA  
Sample : PB128902BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

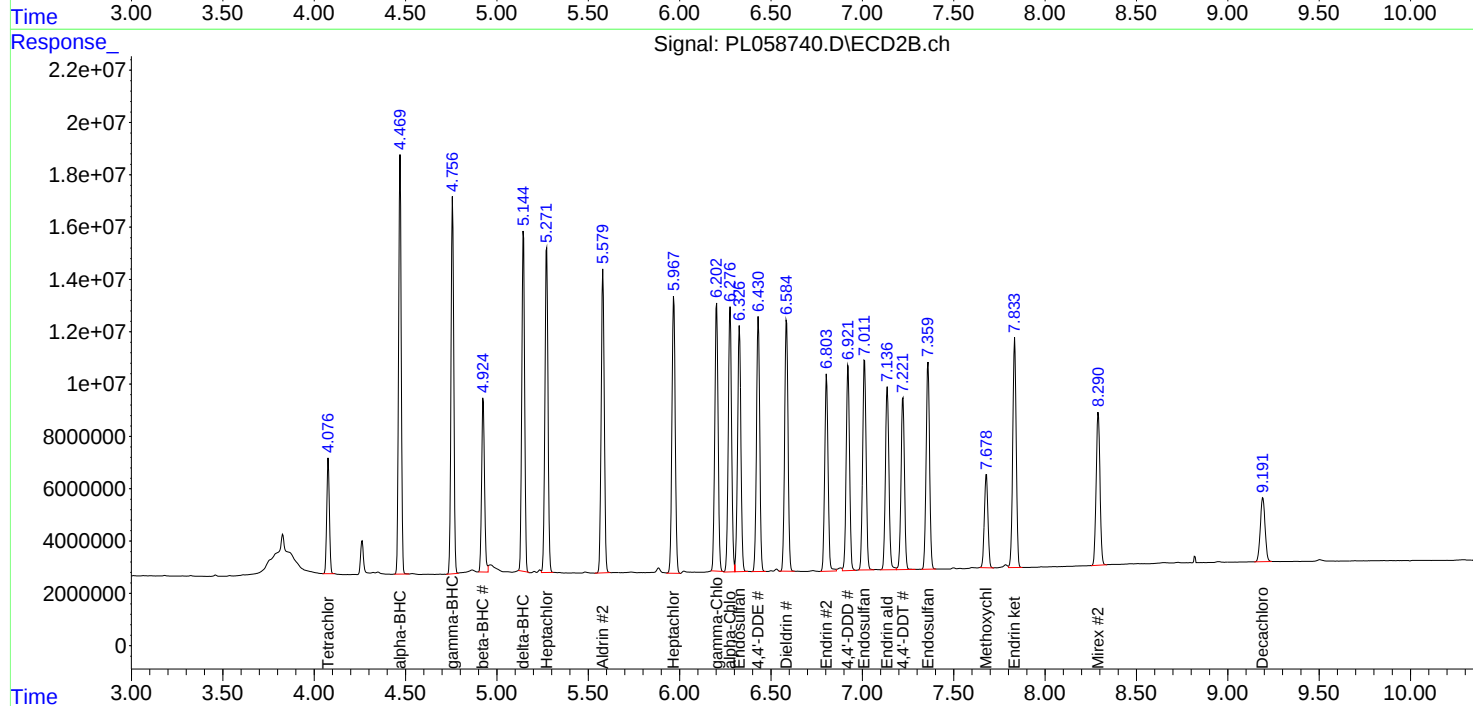
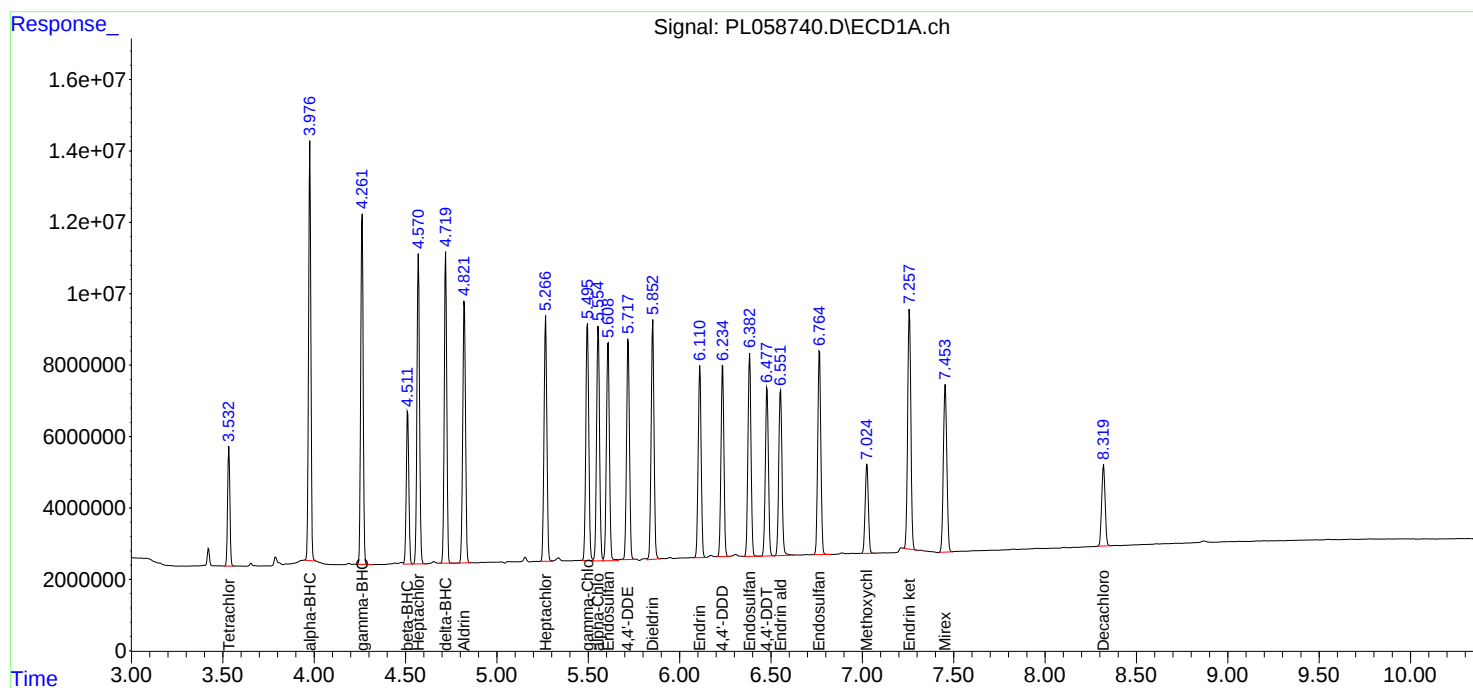
Instrument :  
ECD\_L  
ClientSampleId :  
PB128902BS

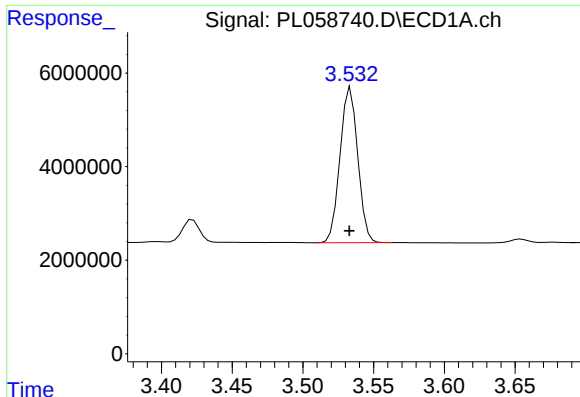
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 15 22:48:43 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051220.M  
Quant Title : GC Extractables  
QLast Update : Fri May 15 06:18:53 2020  
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





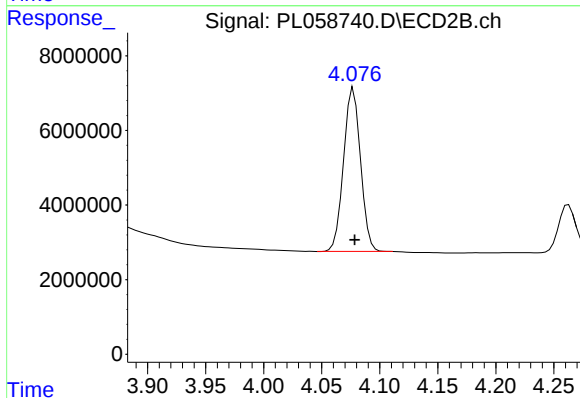
#1 Tetrachloro-m-xylene

R.T.: 3.534 min  
Delta R.T.: 0.000 min  
Response: 29024906  
Conc: 17.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB128902BS

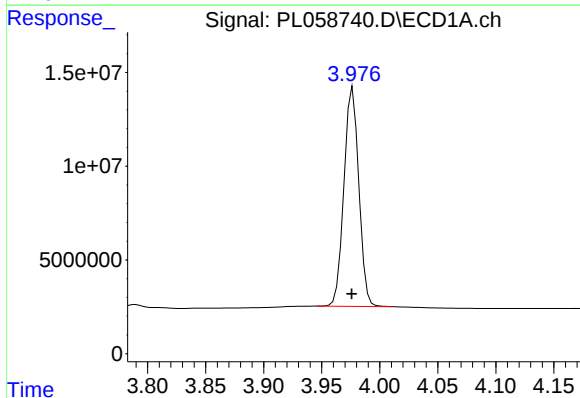
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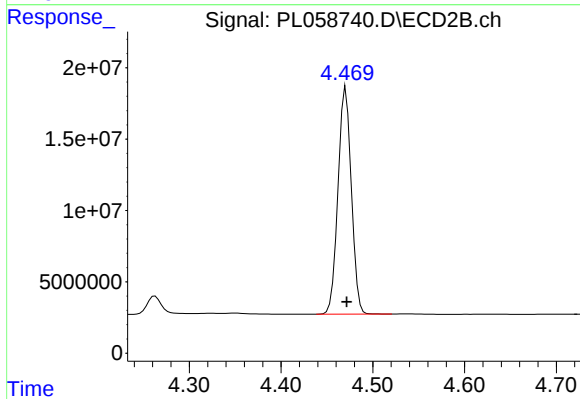
#1 Tetrachloro-m-xylene

R.T.: 4.077 min  
Delta R.T.: -0.001 min  
Response: 44577316  
Conc: 20.59 ng/ml



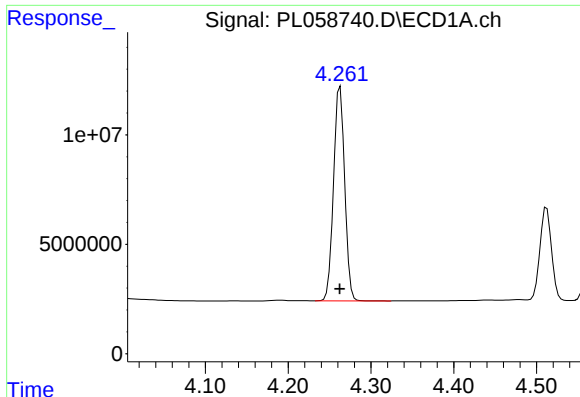
#2 alpha-BHC

R.T.: 3.977 min  
Delta R.T.: 0.000 min  
Response: 104041609  
Conc: 45.19 ng/ml



#2 alpha-BHC

R.T.: 4.471 min  
Delta R.T.: 0.000 min  
Response: 160825173  
Conc: 52.52 ng/ml



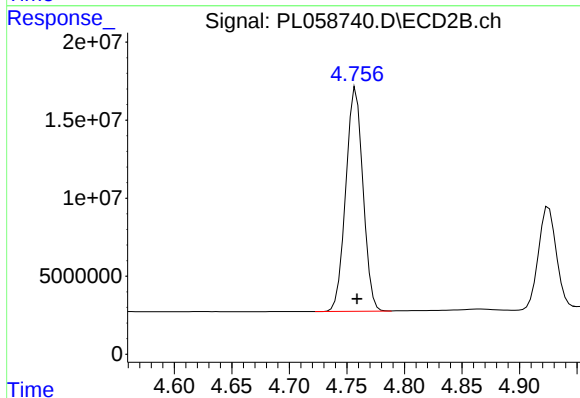
#3 gamma-BHC (Lindane)

R.T.: 4.263 min  
Delta R.T.: 0.000 min  
Response: 91595062  
Conc: 44.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB128902BS

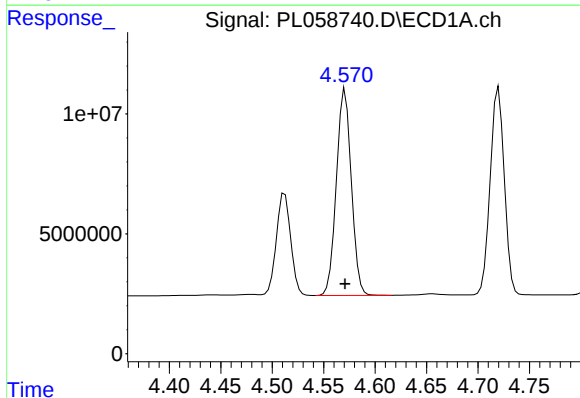
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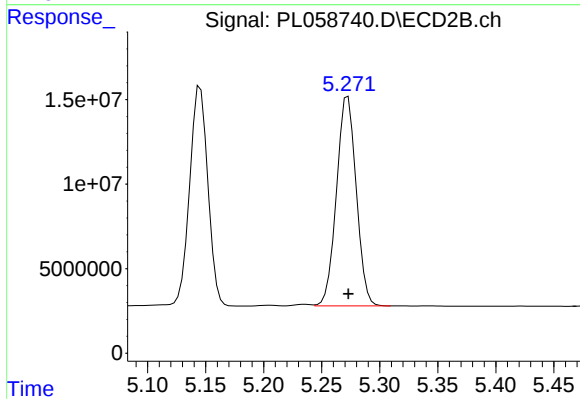
#3 gamma-BHC (Lindane)

R.T.: 4.758 min  
Delta R.T.: 0.000 min  
Response: 149773958  
Conc: 51.09 ng/ml



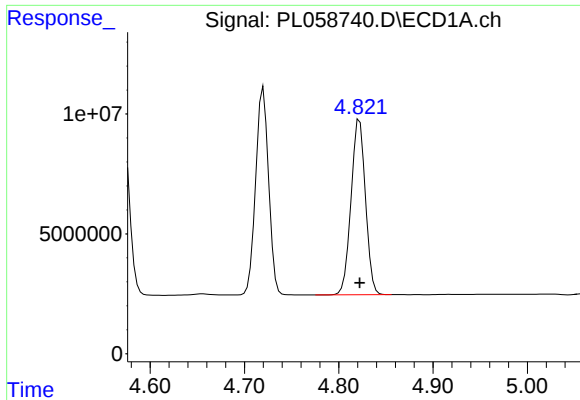
#4 Heptachlor

R.T.: 4.571 min  
Delta R.T.: 0.000 min  
Response: 86943289  
Conc: 46.02 ng/ml



#4 Heptachlor

R.T.: 5.273 min  
Delta R.T.: 0.000 min  
Response: 146666296  
Conc: 52.33 ng/ml



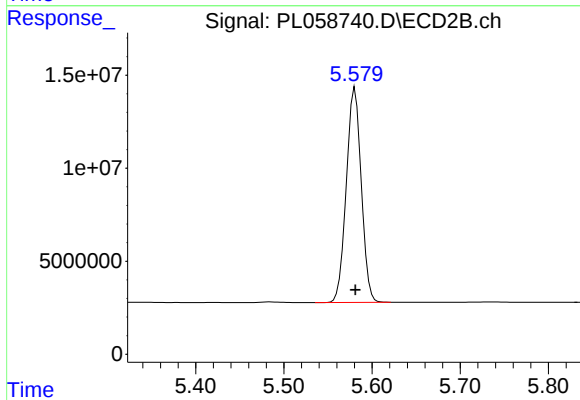
#5 Aldrin

R.T.: 4.822 min  
Delta R.T.: 0.000 min  
Response: 77889275  
Conc: 46.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB128902BS

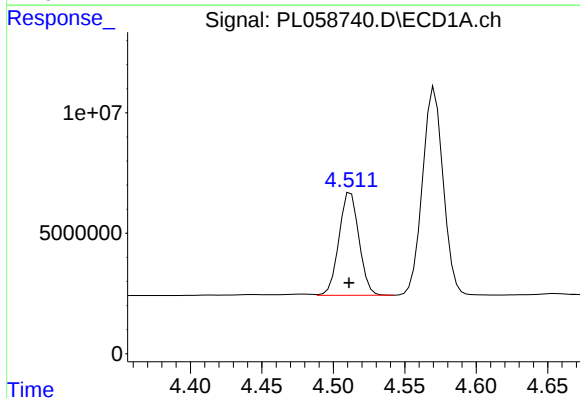
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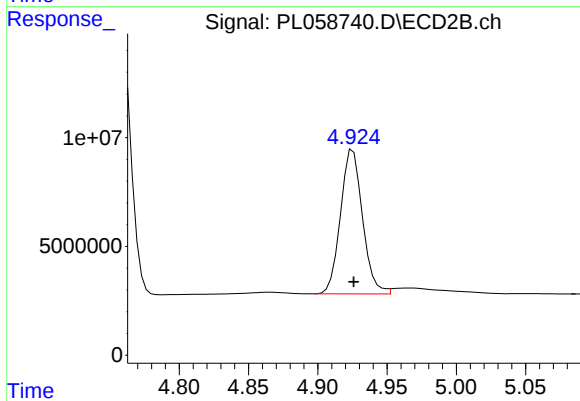
#5 Aldrin

R.T.: 5.581 min  
Delta R.T.: 0.000 min  
Response: 136110519  
Conc: 54.66 ng/ml



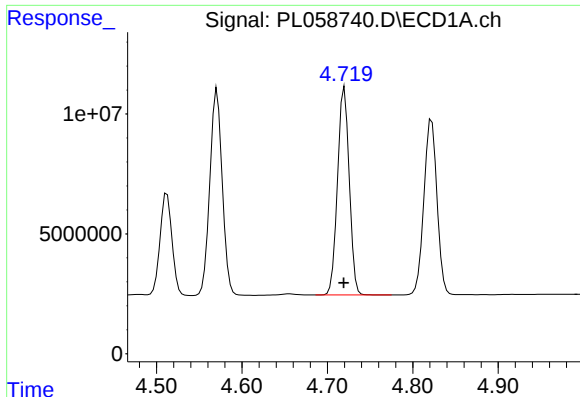
#6 beta-BHC

R.T.: 4.512 min  
Delta R.T.: 0.001 min  
Response: 41581906  
Conc: 46.91 ng/ml



#6 beta-BHC

R.T.: 4.925 min  
Delta R.T.: 0.000 min  
Response: 73477969  
Conc: 55.40 ng/ml



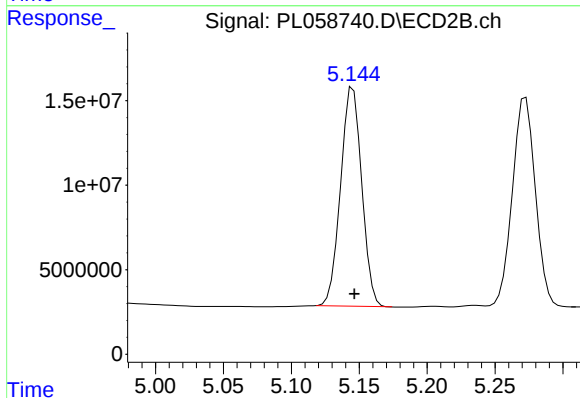
#7 delta-BHC

R.T.: 4.720 min  
Delta R.T.: 0.000 min  
Response: 82762248  
Conc: 44.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB128902BS

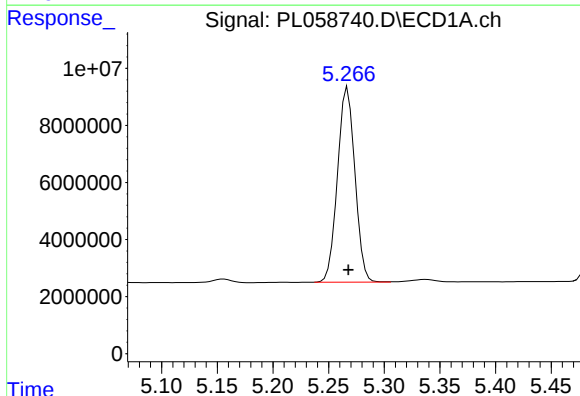
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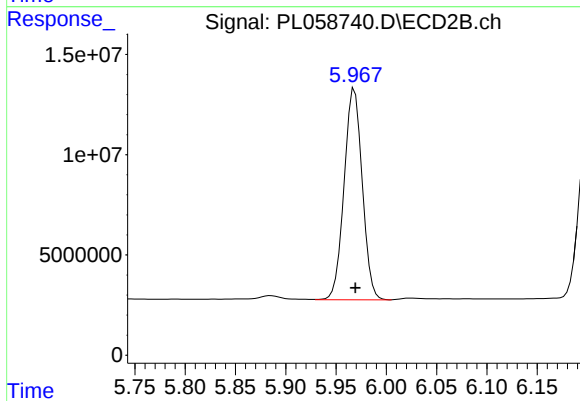
#7 delta-BHC

R.T.: 5.144 min  
Delta R.T.: -0.002 min  
Response: 140451663  
Conc: 49.50 ng/ml m



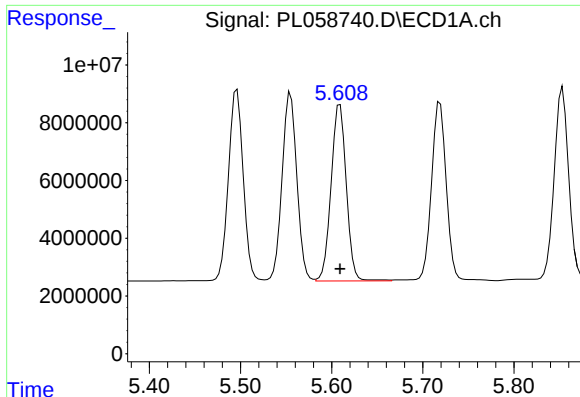
#8 Heptachlor epoxide

R.T.: 5.267 min  
Delta R.T.: 0.000 min  
Response: 74450706  
Conc: 47.38 ng/ml



#8 Heptachlor epoxide

R.T.: 5.968 min  
Delta R.T.: 0.000 min  
Response: 131982134  
Conc: 54.96 ng/ml



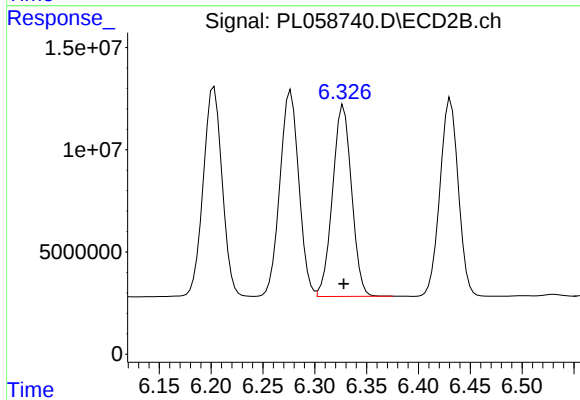
#9 Endosulfan I

R.T.: 5.609 min  
Delta R.T.: 0.000 min  
Response: 70872636  
Conc: 48.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB128902BS

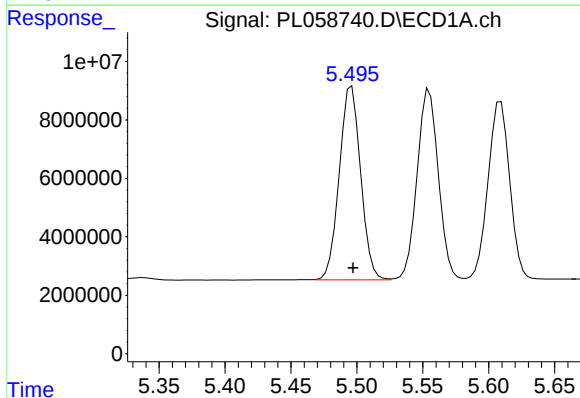
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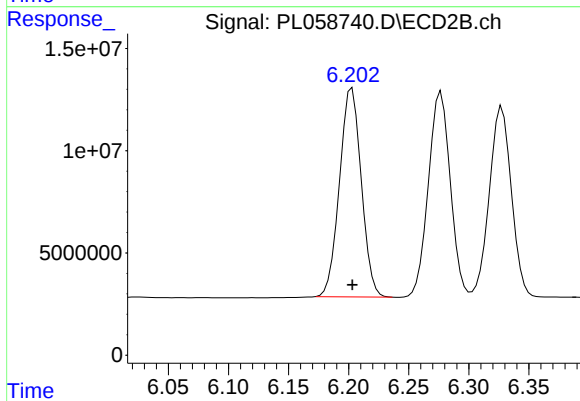
#9 Endosulfan I

R.T.: 6.328 min  
Delta R.T.: 0.000 min  
Response: 119459937  
Conc: 55.51 ng/ml



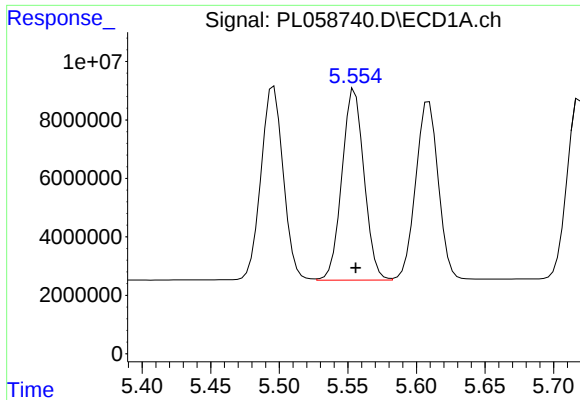
#10 gamma-Chlordane

R.T.: 5.495 min  
Delta R.T.: -0.002 min  
Response: 74560567  
Conc: 47.99 ng/ml m



#10 gamma-Chlordane

R.T.: 6.202 min  
Delta R.T.: -0.002 min  
Response: 128851205  
Conc: 54.85 ng/ml m



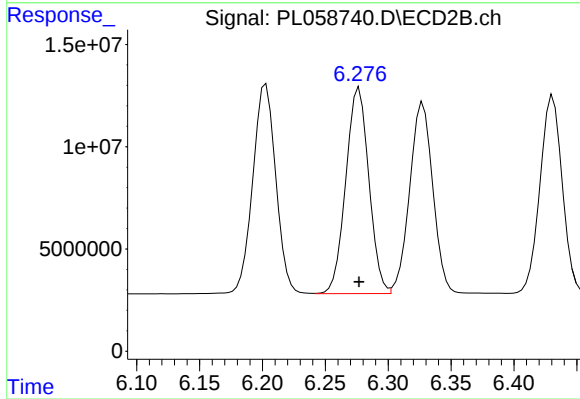
#11 alpha-Chlordane

R.T.: 5.555 min  
Delta R.T.: 0.000 min  
Response: 73555260  
Conc: 47.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB128902BS

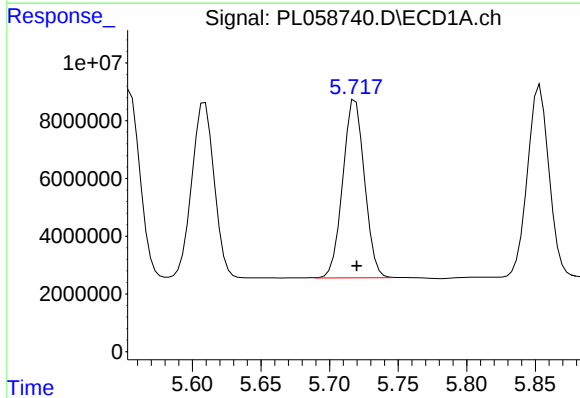
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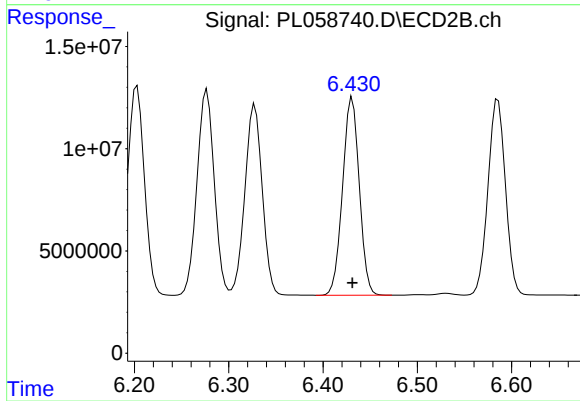
#11 alpha-Chlordane

R.T.: 6.277 min  
Delta R.T.: 0.000 min  
Response: 128646063  
Conc: 54.88 ng/ml



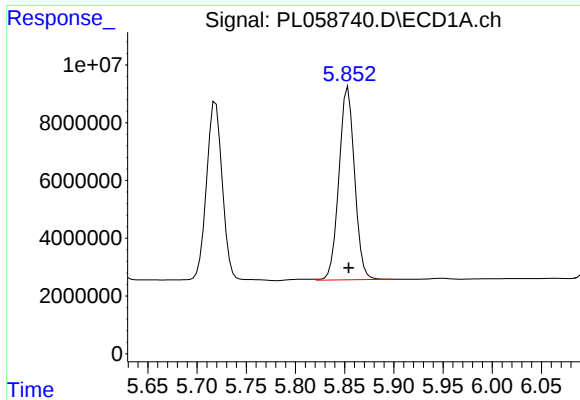
#12 4,4'-DDE

R.T.: 5.717 min  
Delta R.T.: -0.002 min  
Response: 68171856  
Conc: 48.91 ng/ml m



#12 4,4'-DDE

R.T.: 6.431 min  
Delta R.T.: 0.000 min  
Response: 119168558  
Conc: 57.06 ng/ml



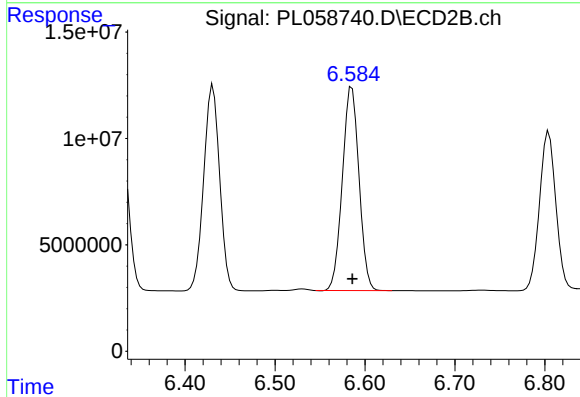
#13 Dieldrin

R.T.: 5.854 min  
Delta R.T.: 0.000 min  
Response: 73769993  
Conc: 49.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB128902BS

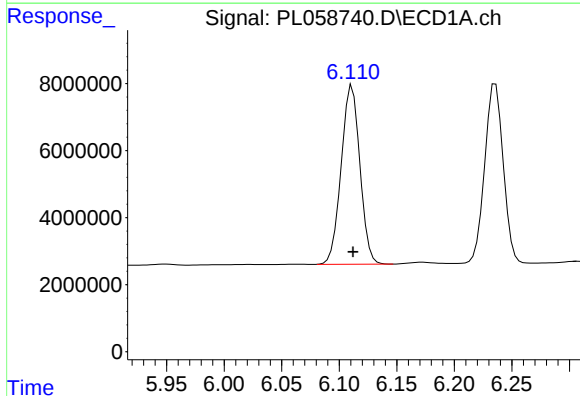
Manual Integrations  
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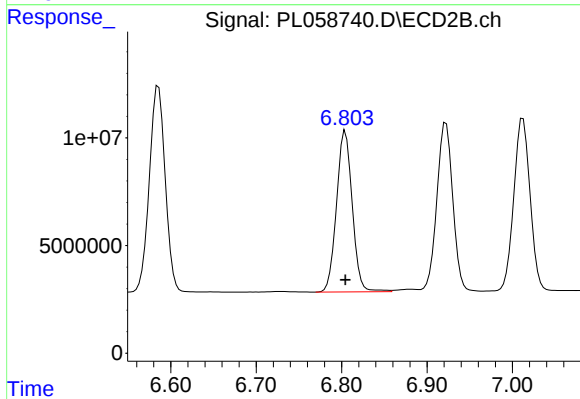
#13 Dieldrin

R.T.: 6.586 min  
Delta R.T.: 0.000 min  
Response: 123113865  
Conc: 56.10 ng/ml



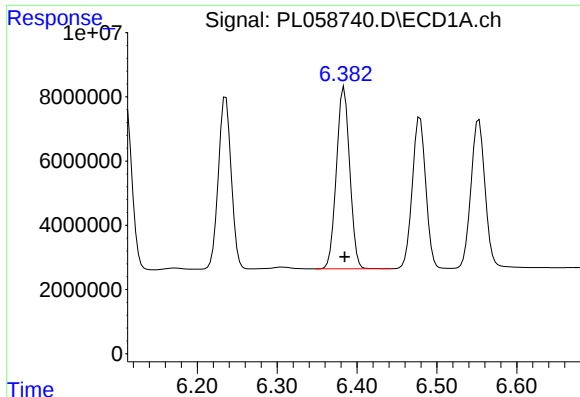
#14 Endrin

R.T.: 6.111 min  
Delta R.T.: 0.000 min  
Response: 60635238  
Conc: 46.67 ng/ml



#14 Endrin

R.T.: 6.804 min  
Delta R.T.: 0.000 min  
Response: 95943319  
Conc: 52.90 ng/ml



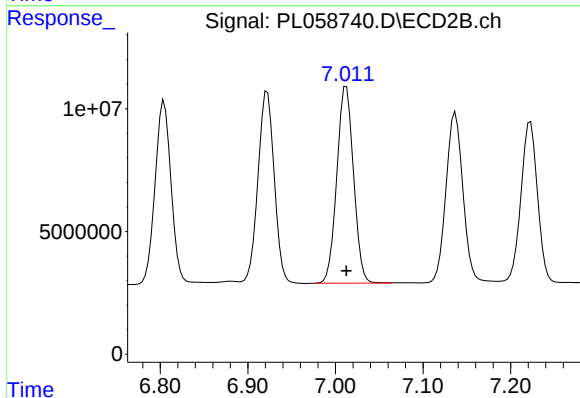
#15 Endosulfan II

R.T.: 6.384 min  
Delta R.T.: 0.000 min  
Response: 65548131  
Conc: 47.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB128902BS

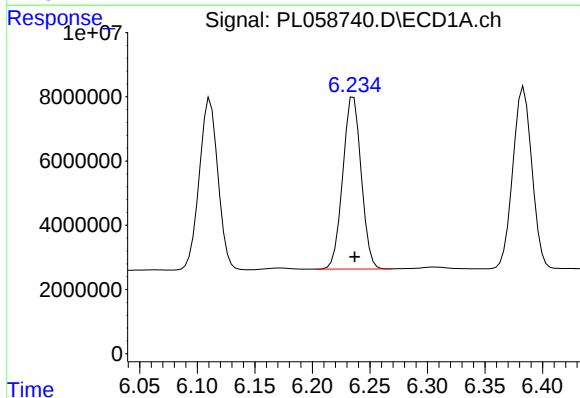
Manual Integrations  
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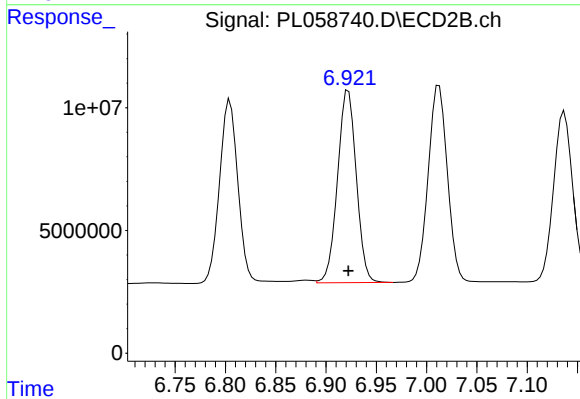
#15 Endosulfan II

R.T.: 7.012 min  
Delta R.T.: 0.000 min  
Response: 106296877  
Conc: 53.23 ng/ml



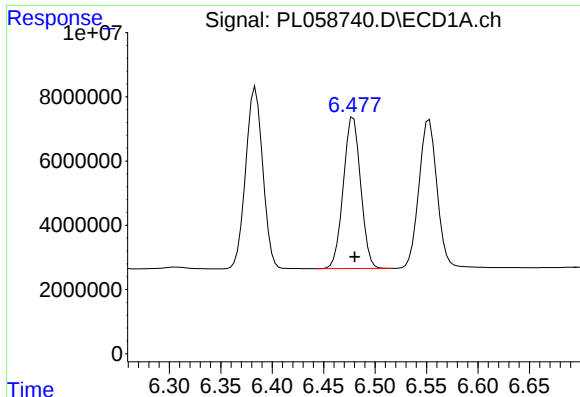
#16 4,4'-DDD

R.T.: 6.236 min  
Delta R.T.: -0.001 min  
Response: 60016243  
Conc: 50.89 ng/ml



#16 4,4'-DDD

R.T.: 6.922 min  
Delta R.T.: 0.000 min  
Response: 101711604  
Conc: 58.12 ng/ml



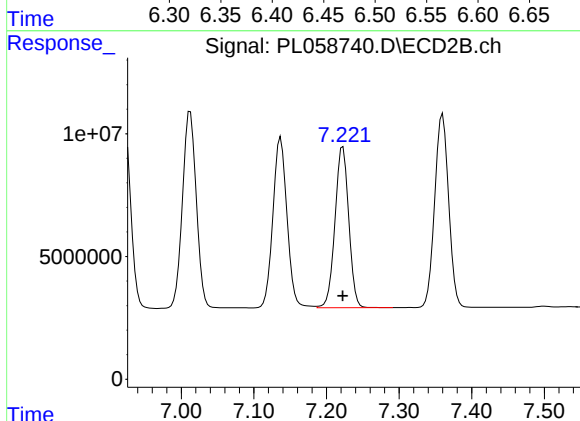
#17 4,4'-DDT

R.T.: 6.479 min  
Delta R.T.: -0.001 min  
Response: 55353028  
Conc: 45.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB128902BS

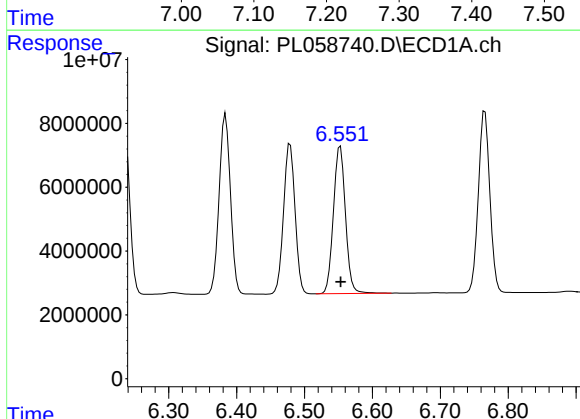
Manual Integrations  
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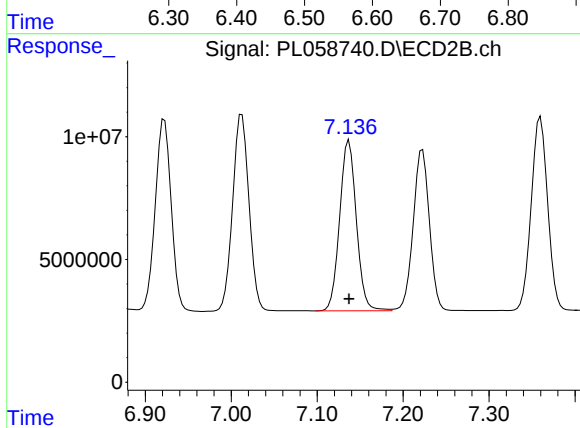
#17 4,4'-DDT

R.T.: 7.223 min  
Delta R.T.: 0.000 min  
Response: 86371613  
Conc: 51.03 ng/ml



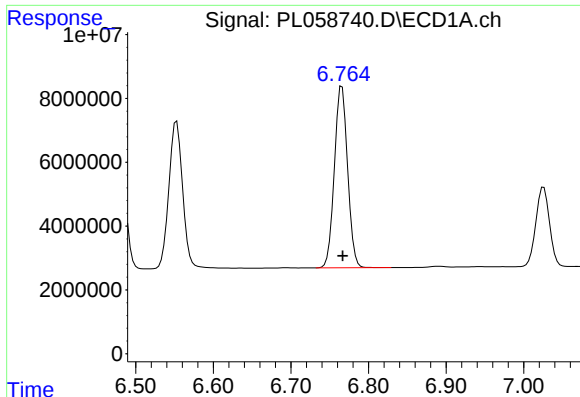
#18 Endrin aldehyde

R.T.: 6.553 min  
Delta R.T.: 0.000 min  
Response: 56876623  
Conc: 48.45 ng/ml



#18 Endrin aldehyde

R.T.: 7.137 min  
Delta R.T.: 0.000 min  
Response: 93990738  
Conc: 55.06 ng/ml



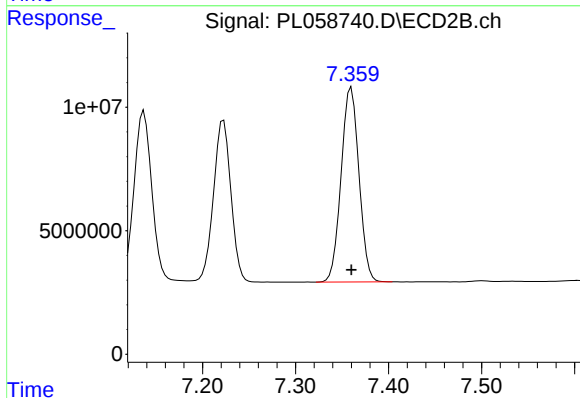
#19 Endosulfan Sulfate

R.T.: 6.766 min  
Delta R.T.: -0.001 min  
Response: 67295985  
Conc: 50.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB128902BS

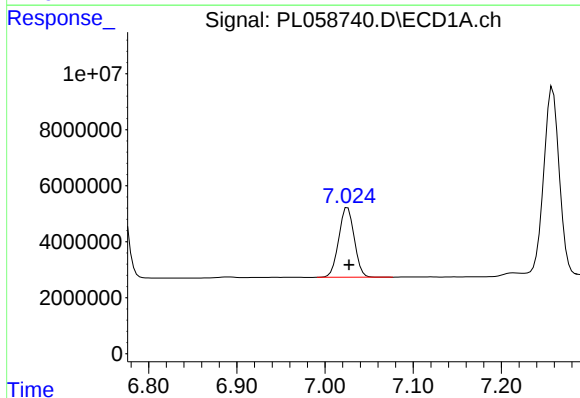
Manual Integrations  
APPROVED

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5/18/2020 12:37:57 PM



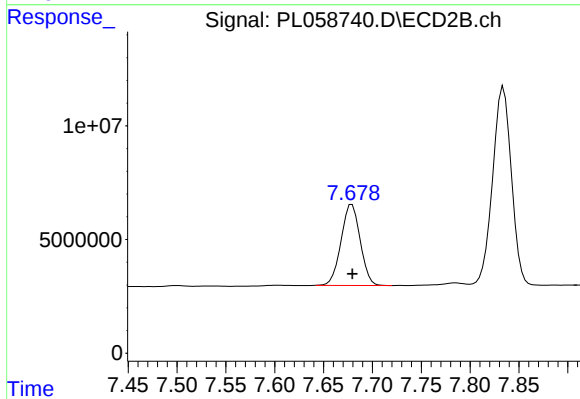
#19 Endosulfan Sulfate

R.T.: 7.360 min  
Delta R.T.: 0.000 min  
Response: 105053769  
Conc: 56.13 ng/ml



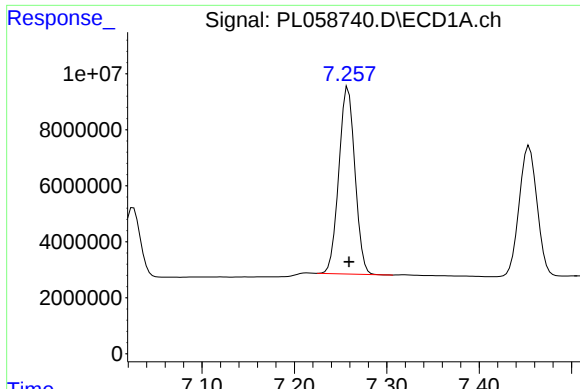
#20 Methoxychlor

R.T.: 7.026 min  
Delta R.T.: -0.002 min  
Response: 30459678  
Conc: 46.92 ng/ml



#20 Methoxychlor

R.T.: 7.679 min  
Delta R.T.: 0.000 min  
Response: 48663838  
Conc: 49.55 ng/ml



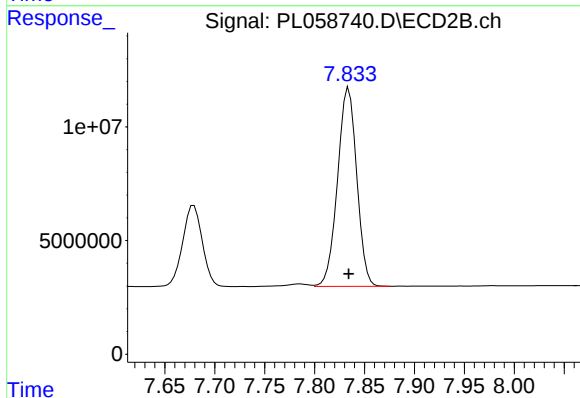
#21 Endrin ketone

R.T.: 7.258 min  
Delta R.T.: 0.000 min  
Response: 80947994  
Conc: 54.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB128902BS

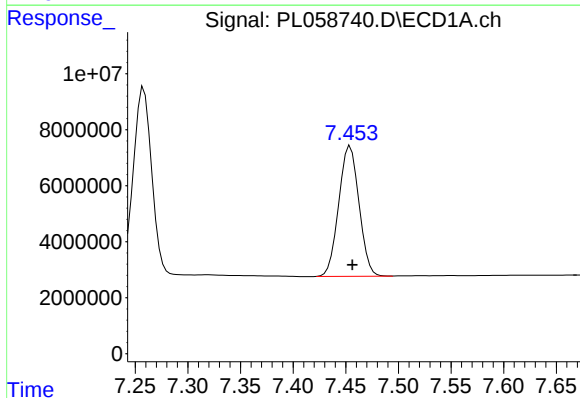
Manual Integrations  
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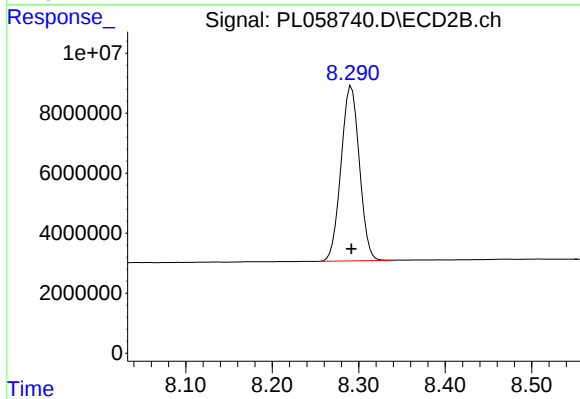
#21 Endrin ketone

R.T.: 7.834 min  
Delta R.T.: 0.000 min  
Response: 116817337  
Conc: 57.99 ng/ml



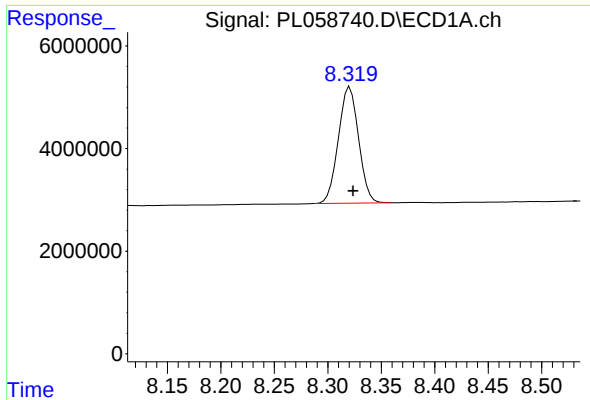
#22 Mirex

R.T.: 7.454 min  
Delta R.T.: -0.002 min  
Response: 62773767  
Conc: 51.34 ng/ml



#22 Mirex

R.T.: 8.291 min  
Delta R.T.: 0.000 min  
Response: 85456849  
Conc: 54.39 ng/ml



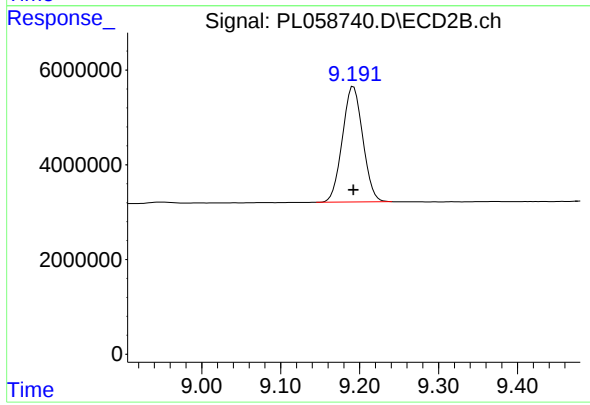
#28 Decachlorobiphenyl

R.T.: 8.321 min  
Delta R.T.: -0.003 min  
Response: 29877930  
Conc: 22.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB128902BS

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.192 min  
Delta R.T.: 0.000 min  
Response: 43862364  
Conc: 24.82 ng/ml