

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021320\  
 Data File : PL056515.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Feb 2020 14:57  
 Operator : AJ\MA  
 Sample : L1510-01MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TP-1MSD

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 14 00:17:07 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL021220.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Feb 13 05:32:36 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... | 3.497 | 4.020 | 176.1E6 | 55605200 | 19.962  | 20.440  |
| 28)                         | SA Decachlor... | 8.252 | 9.096 | 166.9E6 | 33733825 | 17.422  | 16.538  |
| Target Compounds            |                 |       |       |         |          |         |         |
| 2)                          | A alpha-BHC     | 3.936 | 4.410 | 834.5E6 | 222.6E6  | 54.433  | 54.667  |
| 3)                          | MA gamma-BHC... | 4.220 | 4.694 | 790.6E6 | 204.9E6  | 56.035  | 53.925  |
| 4)                          | MA Heptachlor   | 4.521 | 5.202 | 789.5E6 | 179.5E6  | 54.244  | 53.388  |
| 5)                          | MB Aldrin       | 4.770 | 5.507 | 784.8E6 | 176.3E6  | 55.070  | 54.366  |
| 6)                          | B beta-BHC      | 4.470 | 4.867 | 309.4E6 | 79826135 | 54.228  | 55.140  |
| 7)                          | B delta-BHC     | 4.676 | 5.084 | 759.3E6 | 159.2E6  | 54.247  | 54.034  |
| 8)                          | B Heptachlor... | 5.213 | 5.894 | 738.5E6 | 156.1E6  | 55.170  | 55.813  |
| 9)                          | A Endosulfan I  | 5.553 | 6.252 | 690.2E6 | 148.7E6  | 55.006  | 53.470  |
| 10)                         | B gamma-Chl...  | 5.440 | 6.129 | 751.5E6 | 155.8E6  | 54.635  | 53.258  |
| 11)                         | B alpha-Chl...  | 5.499 | 6.201 | 737.5E6 | 157.0E6  | 54.144  | 53.460  |
| 12)                         | B 4,4'-DDE      | 5.662 | 6.359 | 717.9E6 | 151.6E6  | 56.463  | 54.117  |
| 13)                         | MA Dieldrin     | 5.796 | 6.509 | 749.9E6 | 156.6E6  | 56.219  | 53.819  |
| 14)                         | MA Endrin       | 6.053 | 6.728 | 714.6E6 | 133.9E6  | 61.007m | 54.988  |
| 15)                         | B Endosulfa...  | 6.327 | 6.939 | 627.4E6 | 134.5E6  | 59.605  | 52.827  |
| 16)                         | A 4,4'-DDD      | 6.177 | 6.852 | 569.8E6 | 123.5E6  | 60.213m | 54.627  |
| 17)                         | MA 4,4'-DDT     | 6.419 | 7.149 | 579.7E6 | 116.8E6  | 61.171  | 55.269m |
| 18)                         | B Endrin al...  | 6.495 | 7.063 | 542.6E6 | 114.1E6  | 56.541  | 53.613  |
| 19)                         | B Endosulfa...  | 6.708 | 7.287 | 596.9E6 | 124.0E6  | 56.069  | 52.318  |
| 20)                         | A Methoxychlor  | 6.963 | 7.610 | 280.1E6 | 62444026 | 56.919  | 54.364  |
| 21)                         | B Endrin ke...  | 7.200 | 7.758 | 656.2E6 | 132.0E6  | 54.877  | 52.516  |
| 22)                         | Mirex           | 7.389 | 8.212 | 434.4E6 | 87709602 | 58.540  | 54.310  |
| -----                       |                 |       |       |         |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021320\  
Data File : PL056515.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Feb 2020 14:57  
Operator : AJ\MA  
Sample : L1510-01MSD  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

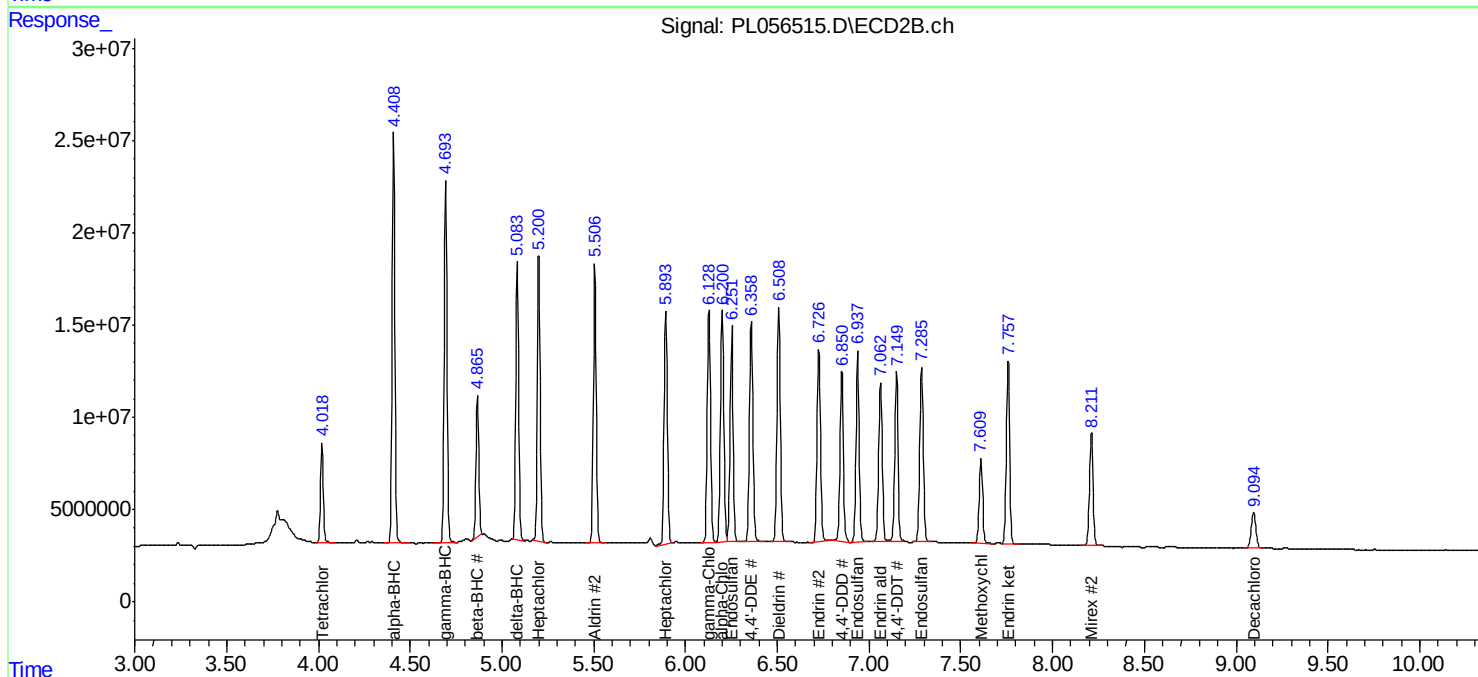
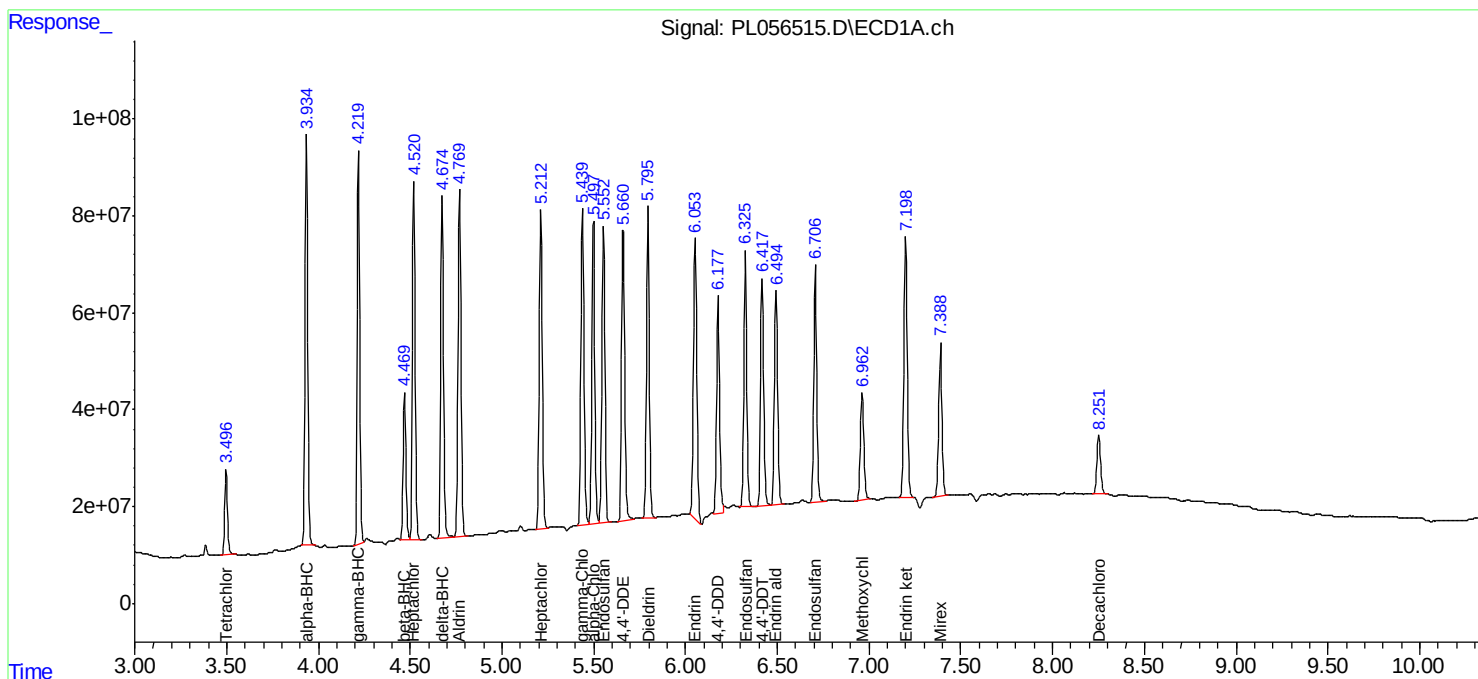
Instrument :  
ECD\_L  
ClientSampled :  
TP-1MSD

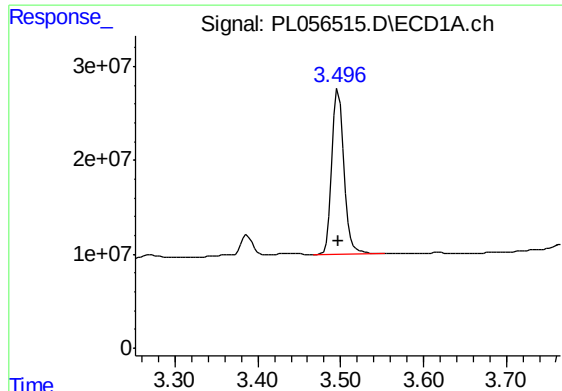
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 14 00:17:07 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL021220.M  
Quant Title : GC Extractables  
QLast Update : Thu Feb 13 05:32:36 2020  
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





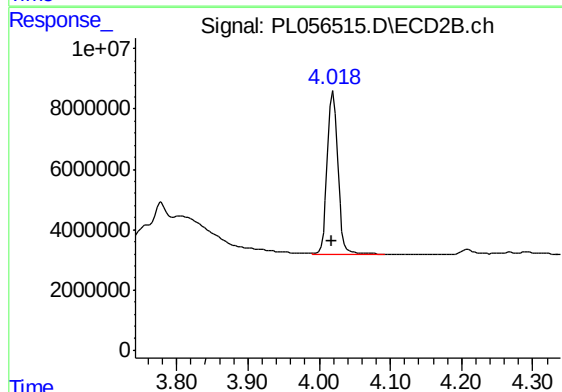
#1 Tetrachloro-m-xylene

R.T.: 3.497 min  
Delta R.T.: 0.000 min  
Response: 176132140  
Conc: 19.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MSD

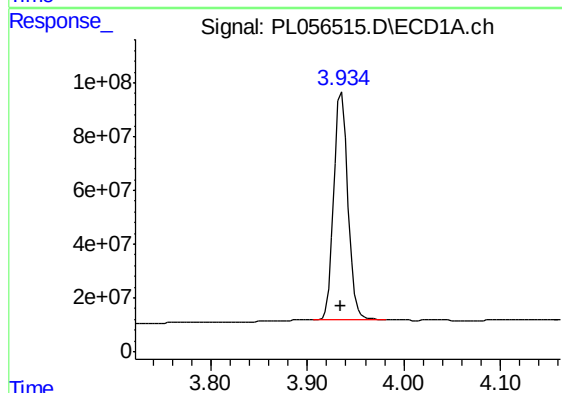
Manual Integrations  
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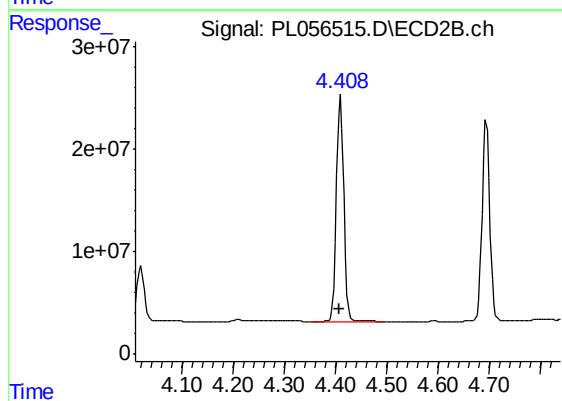
#1 Tetrachloro-m-xylene

R.T.: 4.020 min  
Delta R.T.: 0.002 min  
Response: 55605200  
Conc: 20.44 ng/ml



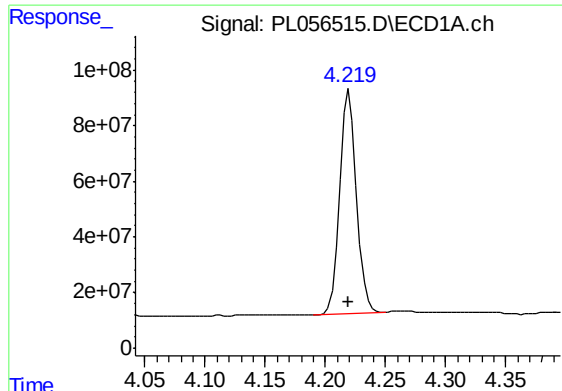
#2 alpha-BHC

R.T.: 3.936 min  
Delta R.T.: 0.000 min  
Response: 834537054  
Conc: 54.43 ng/ml



#2 alpha-BHC

R.T.: 4.410 min  
Delta R.T.: 0.002 min  
Response: 222596966  
Conc: 54.67 ng/ml



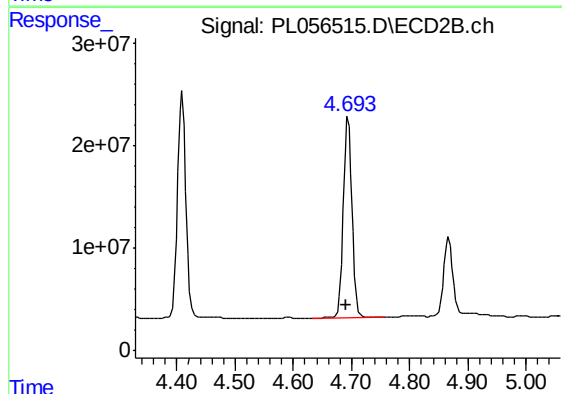
#3 gamma-BHC (Lindane)

R.T.: 4.220 min  
Delta R.T.: 0.001 min  
Response: 790611801  
Conc: 56.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MSD

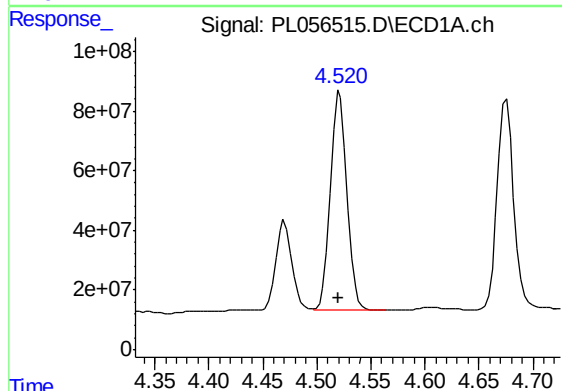
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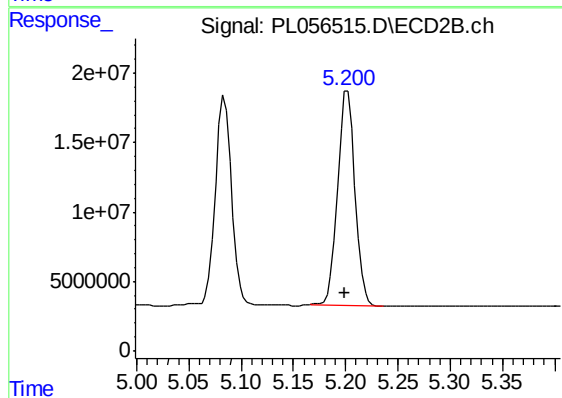
#3 gamma-BHC (Lindane)

R.T.: 4.694 min  
Delta R.T.: 0.003 min  
Response: 204942539  
Conc: 53.92 ng/ml



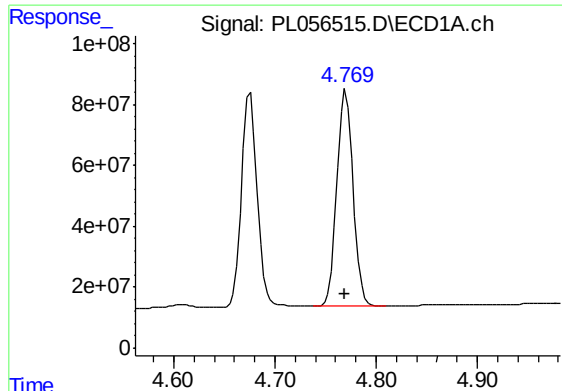
#4 Heptachlor

R.T.: 4.521 min  
Delta R.T.: 0.001 min  
Response: 789532412  
Conc: 54.24 ng/ml



#4 Heptachlor

R.T.: 5.202 min  
Delta R.T.: 0.003 min  
Response: 179488032  
Conc: 53.39 ng/ml



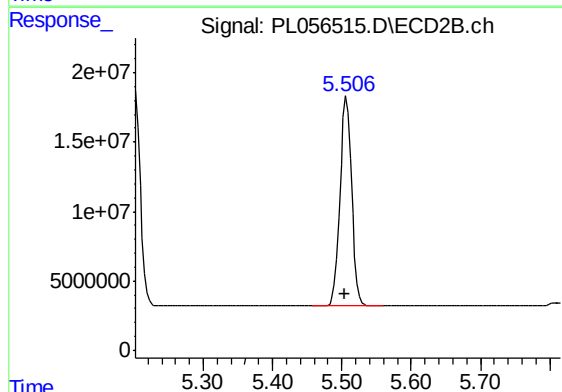
#5 Aldrin

R.T.: 4.770 min  
Delta R.T.: 0.002 min  
Response: 784803156  
Conc: 55.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MSD

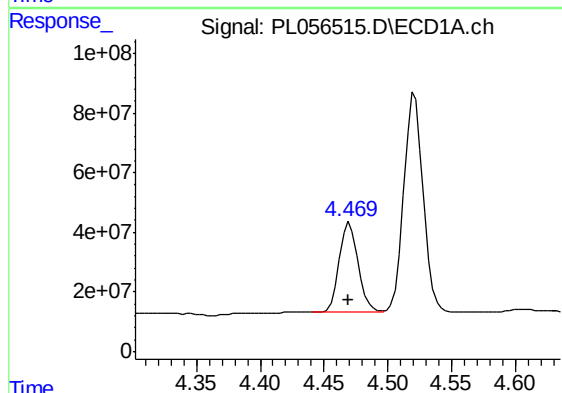
Manual Integrations  
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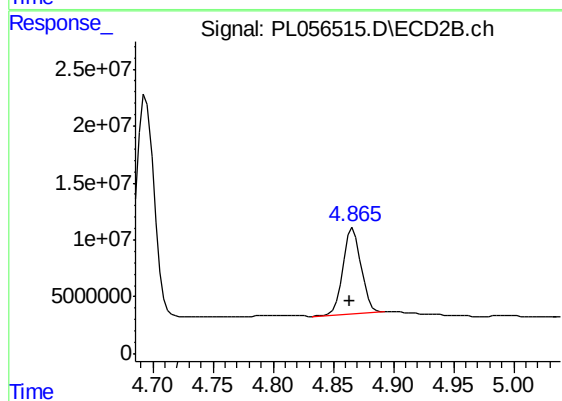
#5 Aldrin

R.T.: 5.507 min  
Delta R.T.: 0.003 min  
Response: 176306528  
Conc: 54.37 ng/ml



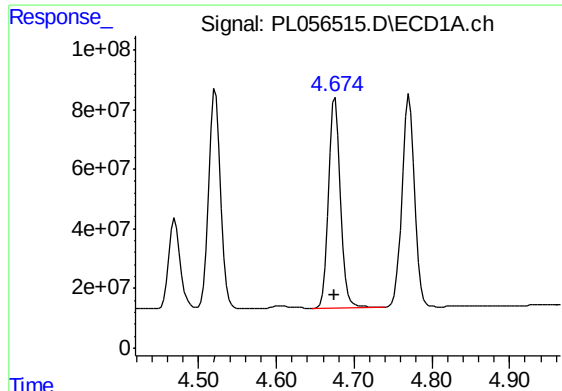
#6 beta-BHC

R.T.: 4.470 min  
Delta R.T.: 0.002 min  
Response: 309418997  
Conc: 54.23 ng/ml



#6 beta-BHC

R.T.: 4.867 min  
Delta R.T.: 0.003 min  
Response: 79826135  
Conc: 55.14 ng/ml



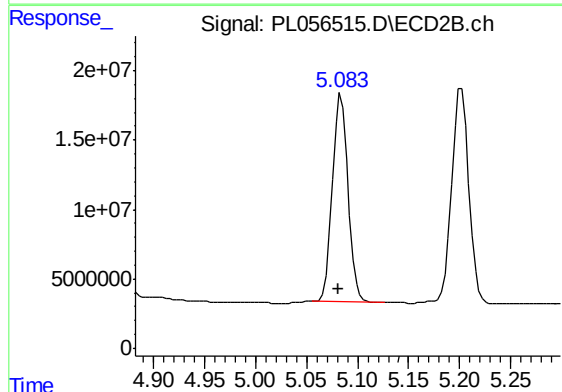
#7 delta-BHC

R.T.: 4.676 min  
Delta R.T.: 0.001 min  
Response: 759328579  
Conc: 54.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MSD

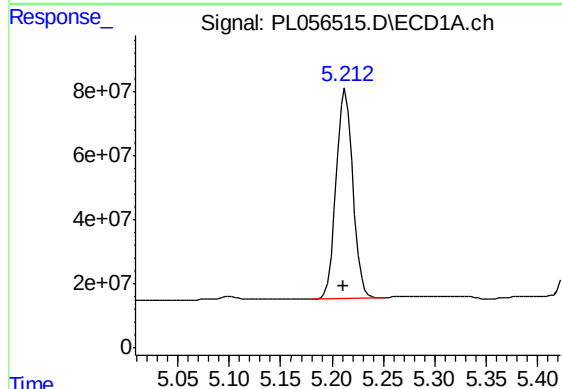
Manual Integrations  
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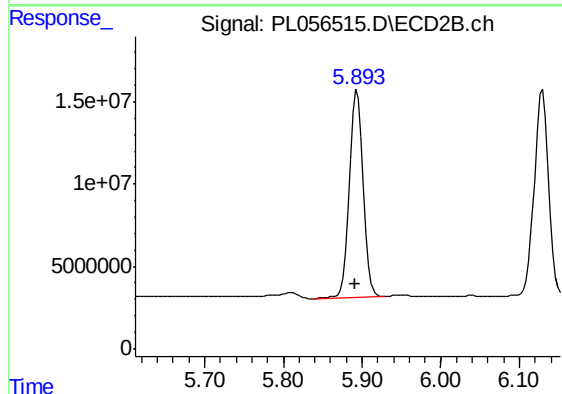
#7 delta-BHC

R.T.: 5.084 min  
Delta R.T.: 0.003 min  
Response: 159194620  
Conc: 54.03 ng/ml



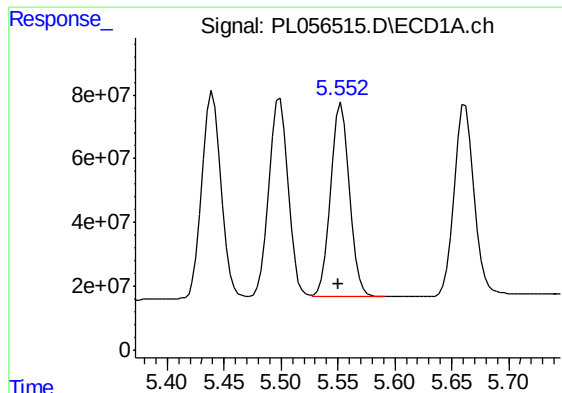
#8 Heptachlor epoxide

R.T.: 5.213 min  
Delta R.T.: 0.002 min  
Response: 738465370  
Conc: 55.17 ng/ml



#8 Heptachlor epoxide

R.T.: 5.894 min  
Delta R.T.: 0.003 min  
Response: 156136673  
Conc: 55.81 ng/ml



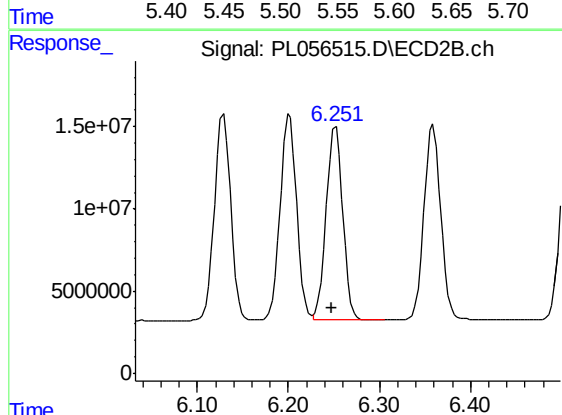
#9 Endosulfan I

R.T.: 5.553 min  
Delta R.T.: 0.003 min  
Response: 690182815  
Conc: 55.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MSD

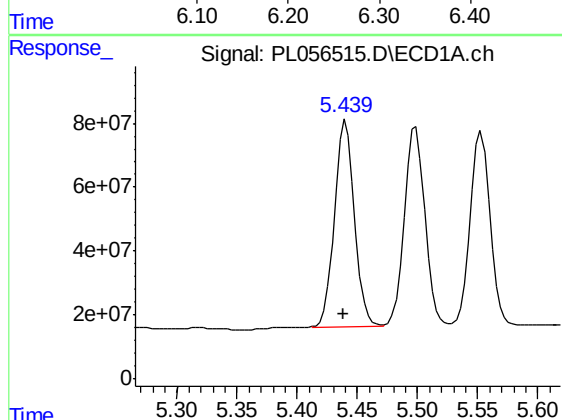
Manual Integrations  
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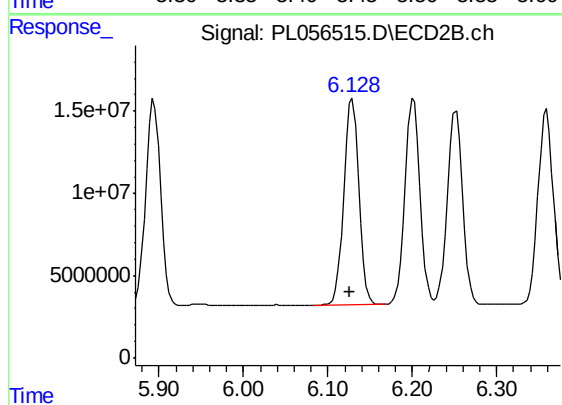
#9 Endosulfan I

R.T.: 6.252 min  
Delta R.T.: 0.004 min  
Response: 148668466  
Conc: 53.47 ng/ml



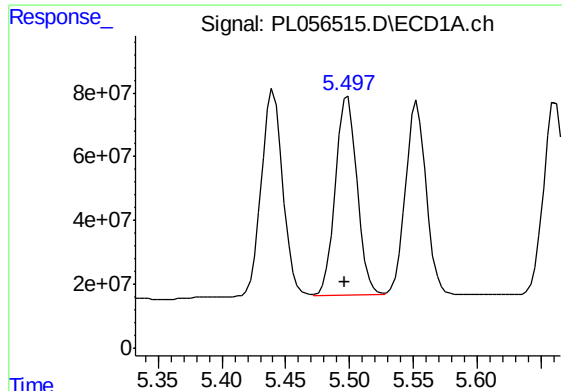
#10 gamma-Chlordane

R.T.: 5.440 min  
Delta R.T.: 0.002 min  
Response: 751522209  
Conc: 54.64 ng/ml



#10 gamma-Chlordane

R.T.: 6.129 min  
Delta R.T.: 0.003 min  
Response: 155774535  
Conc: 53.26 ng/ml



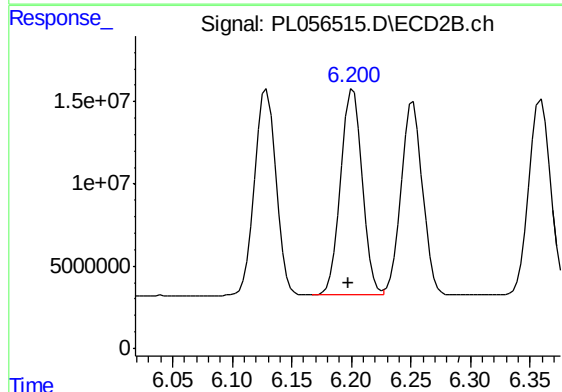
#11 alpha-Chlordane

R.T.: 5.499 min  
Delta R.T.: 0.002 min  
Response: 737462299  
Conc: 54.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MSD

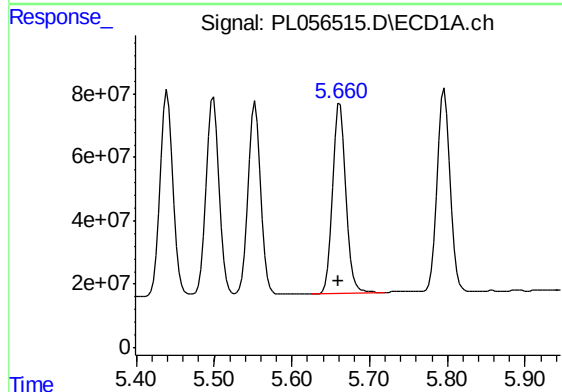
Manual Integrations  
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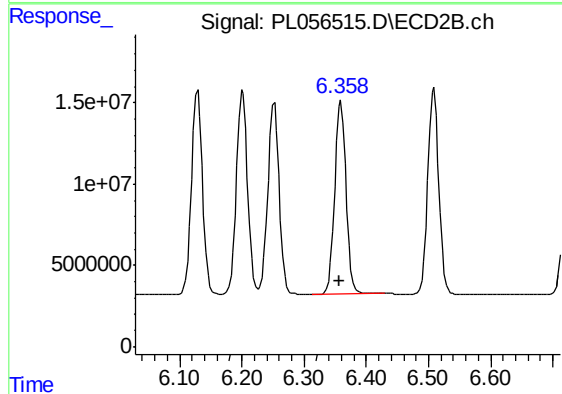
#11 alpha-Chlordane

R.T.: 6.201 min  
Delta R.T.: 0.003 min  
Response: 157029261  
Conc: 53.46 ng/ml



#12 4,4'-DDE

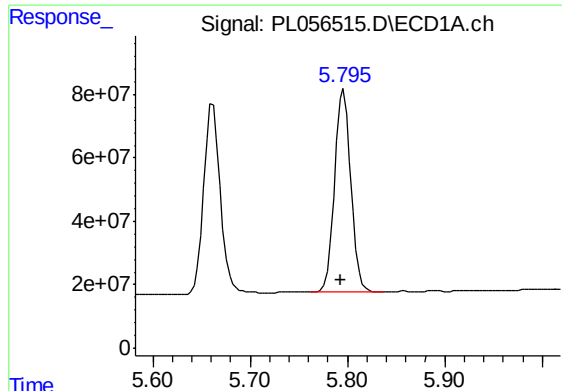
R.T.: 5.662 min  
Delta R.T.: 0.002 min  
Response: 717941659  
Conc: 56.46 ng/ml



#12 4,4'-DDE

R.T.: 6.359 min  
Delta R.T.: 0.003 min  
Response: 151639554  
Conc: 54.12 ng/ml





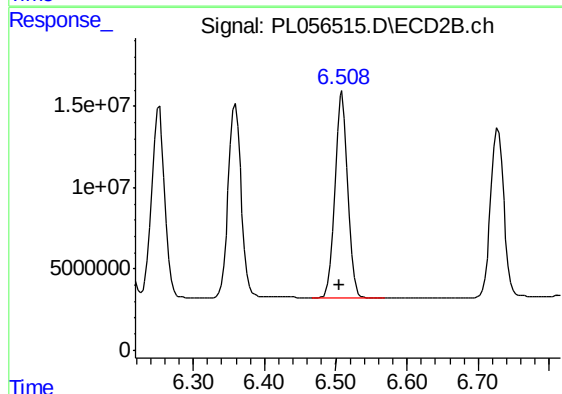
#13 Dieldrin

R.T.: 5.796 min  
Delta R.T.: 0.003 min  
Response: 749932387  
Conc: 56.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MSD

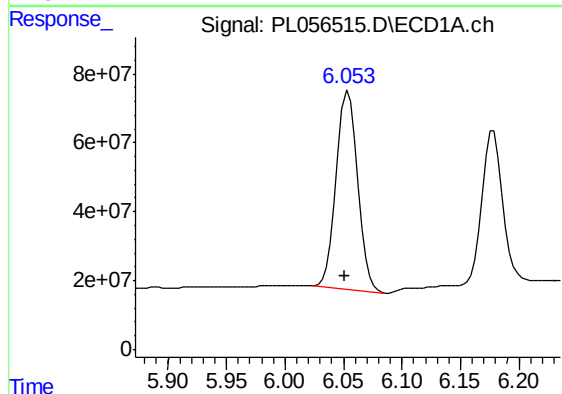
Manual Integrations  
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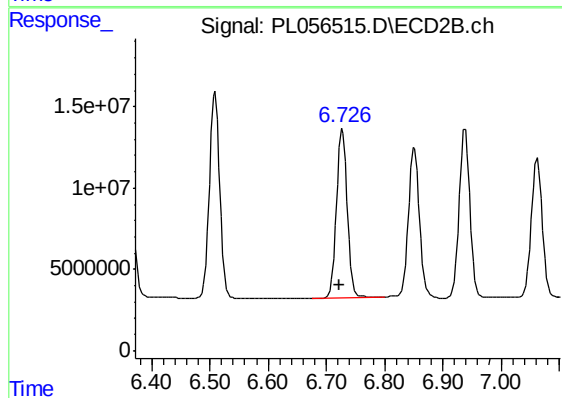
#13 Dieldrin

R.T.: 6.509 min  
Delta R.T.: 0.003 min  
Response: 156631407  
Conc: 53.82 ng/ml



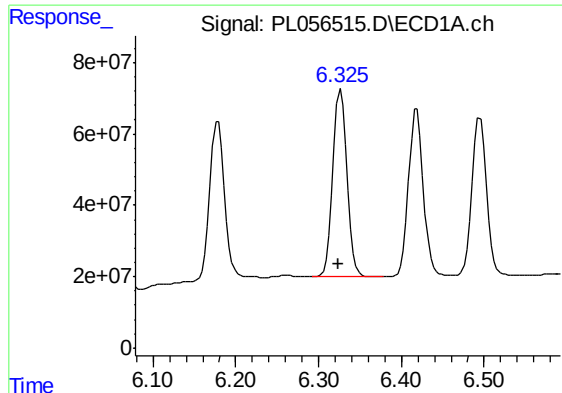
#14 Endrin

R.T.: 6.053 min  
Delta R.T.: 0.002 min  
Response: 714562768  
Conc: 61.01 ng/ml m



#14 Endrin

R.T.: 6.728 min  
Delta R.T.: 0.004 min  
Response: 133941569  
Conc: 54.99 ng/ml



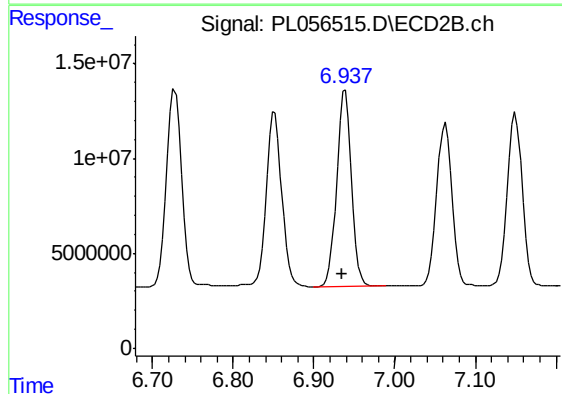
#15 Endosulfan II

R.T.: 6.327 min  
Delta R.T.: 0.003 min  
Response: 627373292  
Conc: 59.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MSD

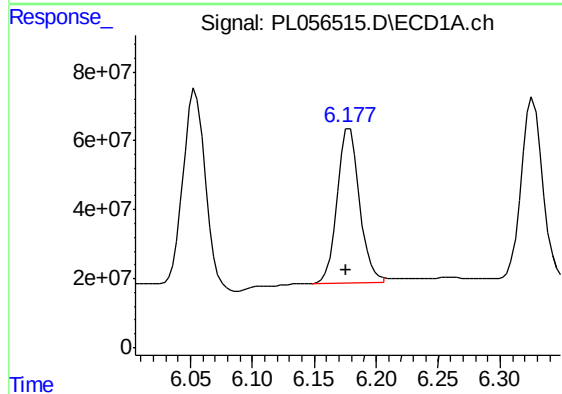
Manual Integrations  
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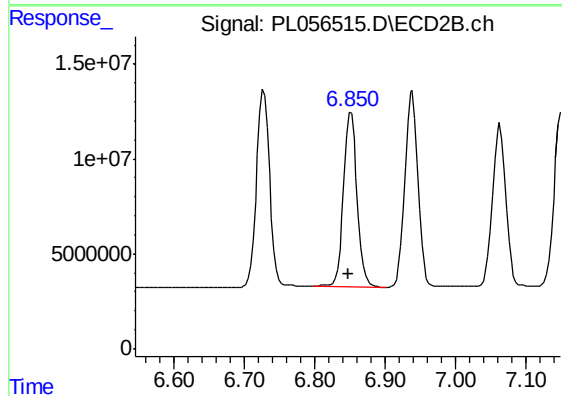
#15 Endosulfan II

R.T.: 6.939 min  
Delta R.T.: 0.004 min  
Response: 134530082  
Conc: 52.83 ng/ml



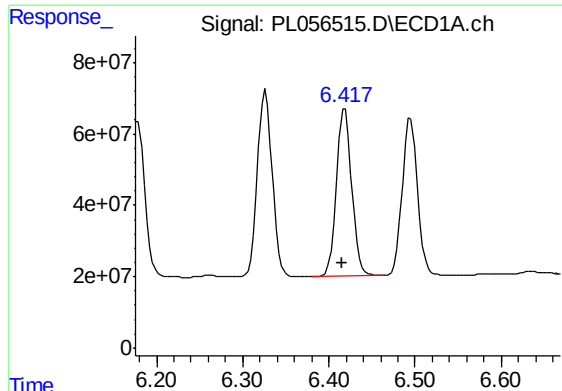
#16 4,4'-DDD

R.T.: 6.177 min  
Delta R.T.: 0.001 min  
Response: 569825520  
Conc: 60.21 ng/ml m



#16 4,4'-DDD

R.T.: 6.852 min  
Delta R.T.: 0.004 min  
Response: 123549922  
Conc: 54.63 ng/ml



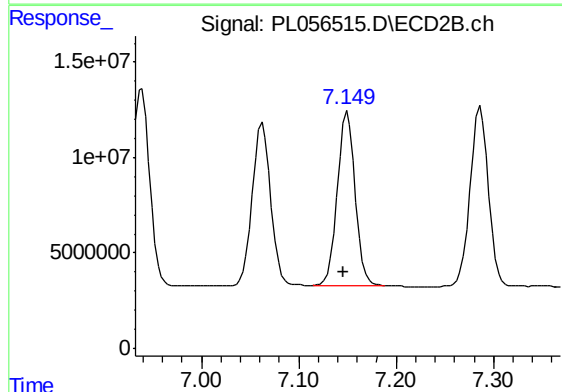
#17 4,4'-DDT

R.T.: 6.419 min  
Delta R.T.: 0.003 min  
Response: 579727730  
Conc: 61.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MSD

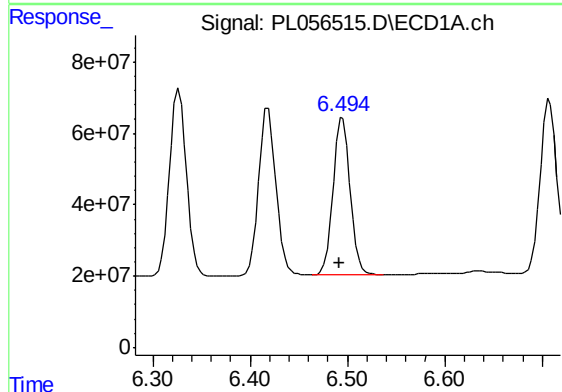
Manual Integrations  
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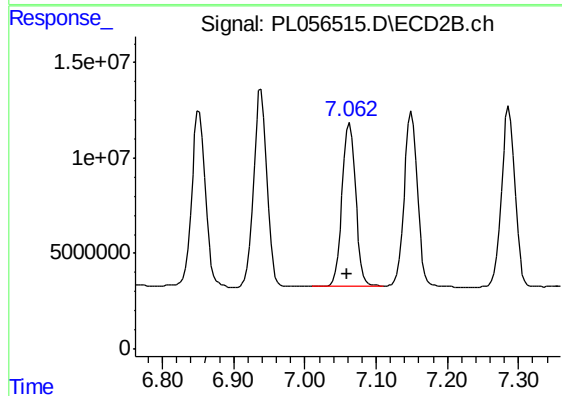
#17 4,4'-DDT

R.T.: 7.149 min  
Delta R.T.: 0.003 min  
Response: 116750702  
Conc: 55.27 ng/ml m



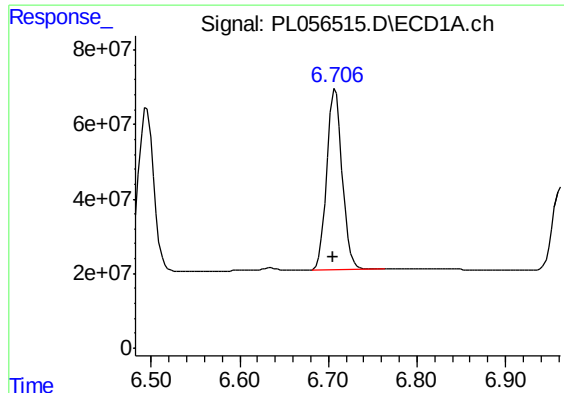
#18 Endrin aldehyde

R.T.: 6.495 min  
Delta R.T.: 0.004 min  
Response: 542587313  
Conc: 56.54 ng/ml



#18 Endrin aldehyde

R.T.: 7.063 min  
Delta R.T.: 0.004 min  
Response: 114108440  
Conc: 53.61 ng/ml



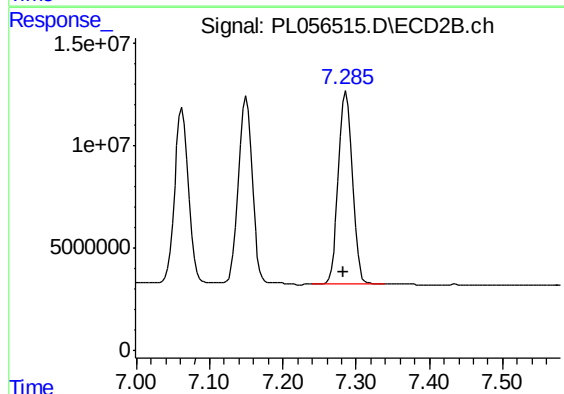
#19 Endosulfan Sulfate

R.T.: 6.708 min  
Delta R.T.: 0.002 min  
Response: 596875178  
Conc: 56.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MSD

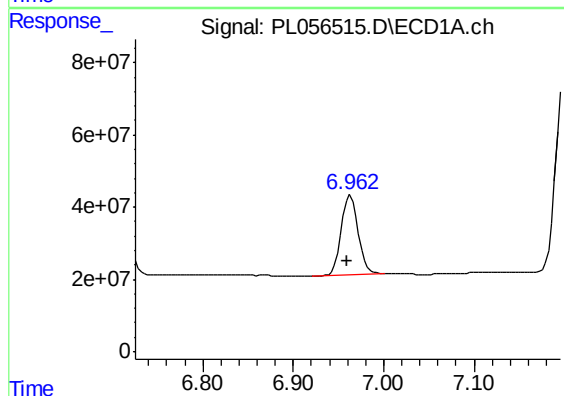
Manual Integrations  
APPROVED

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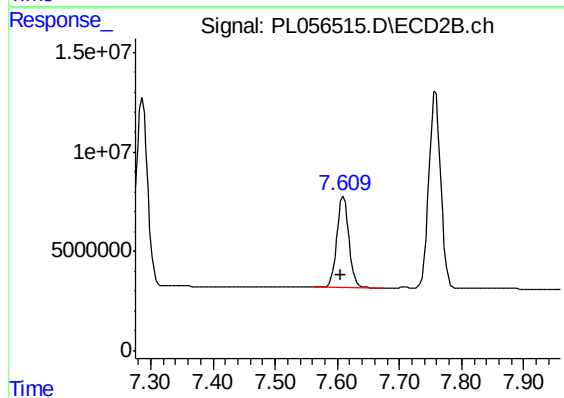
#19 Endosulfan Sulfate

R.T.: 7.287 min  
Delta R.T.: 0.004 min  
Response: 123983590  
Conc: 52.32 ng/ml



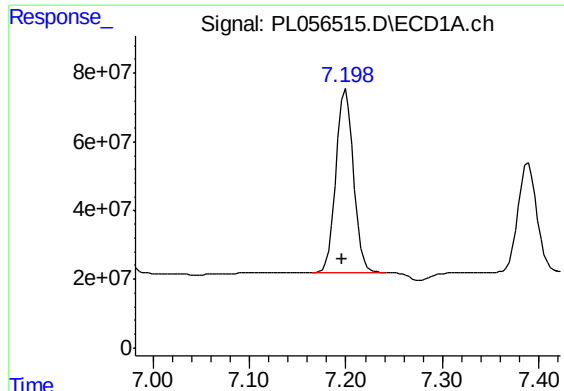
#20 Methoxychlor

R.T.: 6.963 min  
Delta R.T.: 0.003 min  
Response: 280083892  
Conc: 56.92 ng/ml



#20 Methoxychlor

R.T.: 7.610 min  
Delta R.T.: 0.004 min  
Response: 62444026  
Conc: 54.36 ng/ml



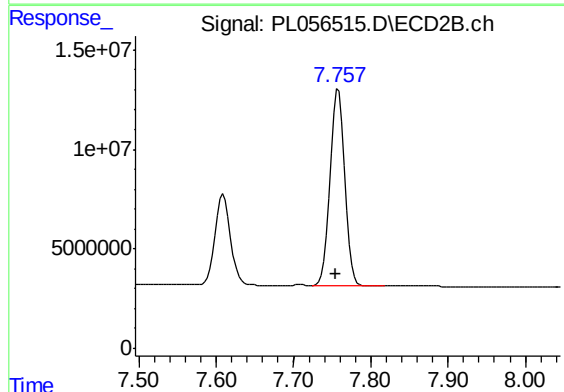
#21 Endrin ketone

R.T.: 7.200 min  
Delta R.T.: 0.003 min  
Response: 656201275  
Conc: 54.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MSD

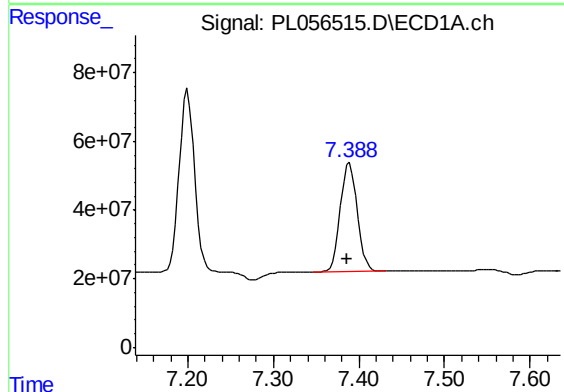
Manual Integrations  
APPROVED

mohammad  
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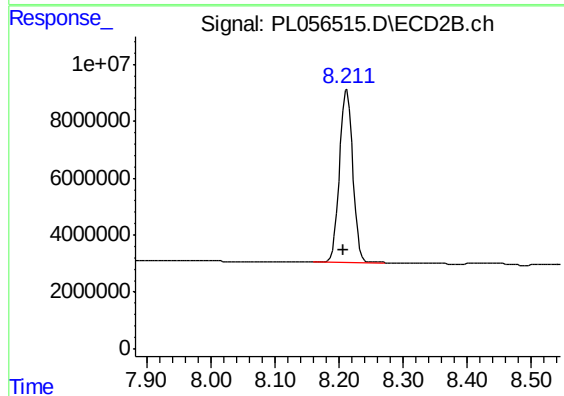
#21 Endrin ketone

R.T.: 7.758 min  
Delta R.T.: 0.004 min  
Response: 131960425  
Conc: 52.52 ng/ml



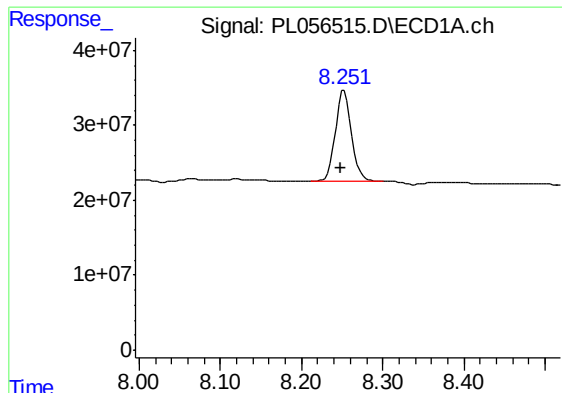
#22 Mirex

R.T.: 7.389 min  
Delta R.T.: 0.003 min  
Response: 434422233  
Conc: 58.54 ng/ml



#22 Mirex

R.T.: 8.212 min  
Delta R.T.: 0.005 min  
Response: 87709602  
Conc: 54.31 ng/ml



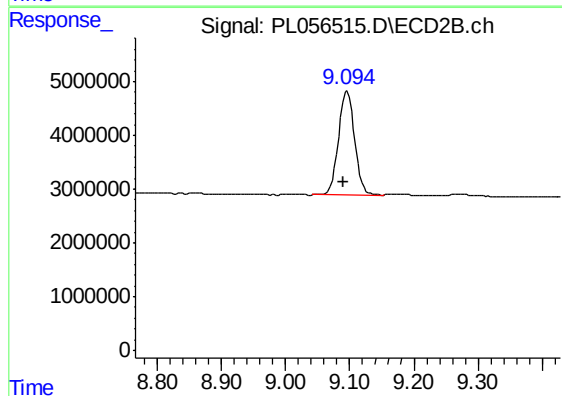
#28 Decachlorobiphenyl

R.T.: 8.252 min  
Delta R.T.: 0.003 min  
Response: 166888881  
Conc: 17.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MSD

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.096 min  
Delta R.T.: 0.006 min  
Response: 33733825  
Conc: 16.54 ng/ml