

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112918\  
 Data File : PL042587.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Nov 2018 13:14  
 Operator : AJ\SJ  
 Sample : PB115126BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB115126BS

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 29 23:51:05 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112018.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 20 02:29:59 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-----------------|-------|-------|---------|----------|---------|----------|
| -----                       |                 |       |       |         |          |         |          |
| System Monitoring Compounds |                 |       |       |         |          |         |          |
| 1)                          | SA Tetrachlo... | 3.475 | 4.101 | 126.4E6 | 61611907 | 21.484  | 21.422   |
| 28)                         | SA Decachlor... | 8.216 | 9.238 | 127.6E6 | 60604668 | 20.239  | 25.128   |
| Target Compounds            |                 |       |       |         |          |         |          |
| 2)                          | A alpha-BHC     | 3.916 | 4.497 | 475.4E6 | 216.6E6  | 52.681  | 50.583   |
| 3)                          | MA gamma-BHC... | 4.199 | 4.786 | 432.5E6 | 196.8E6  | 52.470  | 49.794   |
| 4)                          | MA Heptachlor   | 4.495 | 5.302 | 436.1E6 | 169.2E6  | 50.124  | 43.140   |
| 5)                          | MB Aldrin       | 4.741 | 5.610 | 417.9E6 | 181.9E6  | 51.467  | 47.376m  |
| 6)                          | B beta-BHC      | 4.453 | 4.956 | 176.9E6 | 81276810 | 49.940  | 51.515   |
| 7)                          | B delta-BHC     | 4.655 | 5.177 | 373.6E6 | 155.8E6  | 48.782  | 42.329   |
| 8)                          | B Heptachlo...  | 5.185 | 6.001 | 326.0E6 | 161.1E6  | 43.011  | 44.922   |
| 9)                          | A Endosulfan I  | 5.523 | 6.360 | 313.8E6 | 155.1E6  | 45.339  | 49.117   |
| 10)                         | B gamma-Chl...  | 5.411 | 6.235 | 342.3E6 | 154.0E6  | 44.892  | 45.232   |
| 11)                         | B alpha-Chl...  | 5.468 | 6.309 | 339.1E6 | 166.9E6  | 45.176  | 49.919   |
| 12)                         | B 4,4'-DDE      | 5.635 | 6.463 | 321.1E6 | 150.0E6  | 49.053  | 45.077   |
| 13)                         | MA Dieldrin     | 5.765 | 6.619 | 367.7E6 | 149.7E6  | 49.980  | 44.975   |
| 14)                         | MA Endrin       | 6.023 | 6.840 | 296.6E6 | 104.9E6  | 45.350  | 38.076   |
| 15)                         | B Endosulfa...  | 6.297 | 7.047 | 305.7E6 | 138.4E6  | 48.915  | 50.100   |
| 16)                         | A 4,4'-DDD      | 6.150 | 6.954 | 290.9E6 | 137.5E6  | 54.941m | 52.240m  |
| 17)                         | MA 4,4'-DDT     | 6.389 | 7.256 | 254.7E6 | 114.3E6  | 45.746  | 43.275   |
| 18)                         | B Endrin al...  | 6.465 | 7.172 | 264.8E6 | 114.1E6  | 50.945  | 49.781   |
| 19)                         | B Endosulfa...  | 6.678 | 7.395 | 302.2E6 | 143.5E6  | 48.428  | 51.586   |
| 20)                         | A Methoxychlor  | 6.936 | 7.711 | 141.1E6 | 38398753 | 44.754  | 28.163m# |
| 21)                         | B Endrin ke...  | 7.167 | 7.869 | 370.5E6 | 131.9E6  | 53.507  | 47.723m  |
| -----                       |                 |       |       |         |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112918\  
Data File : PL042587.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Nov 2018 13:14  
Operator : AJ\SJ  
Sample : PB115126BS  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

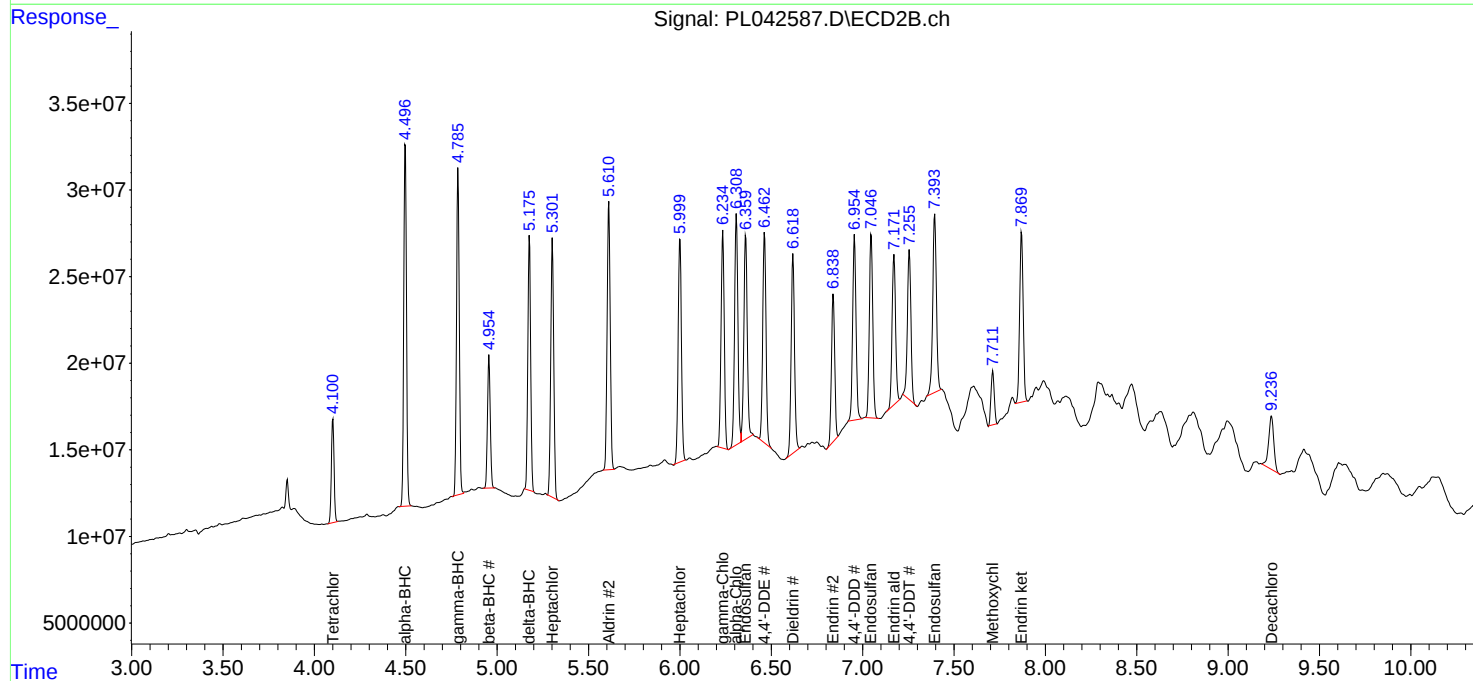
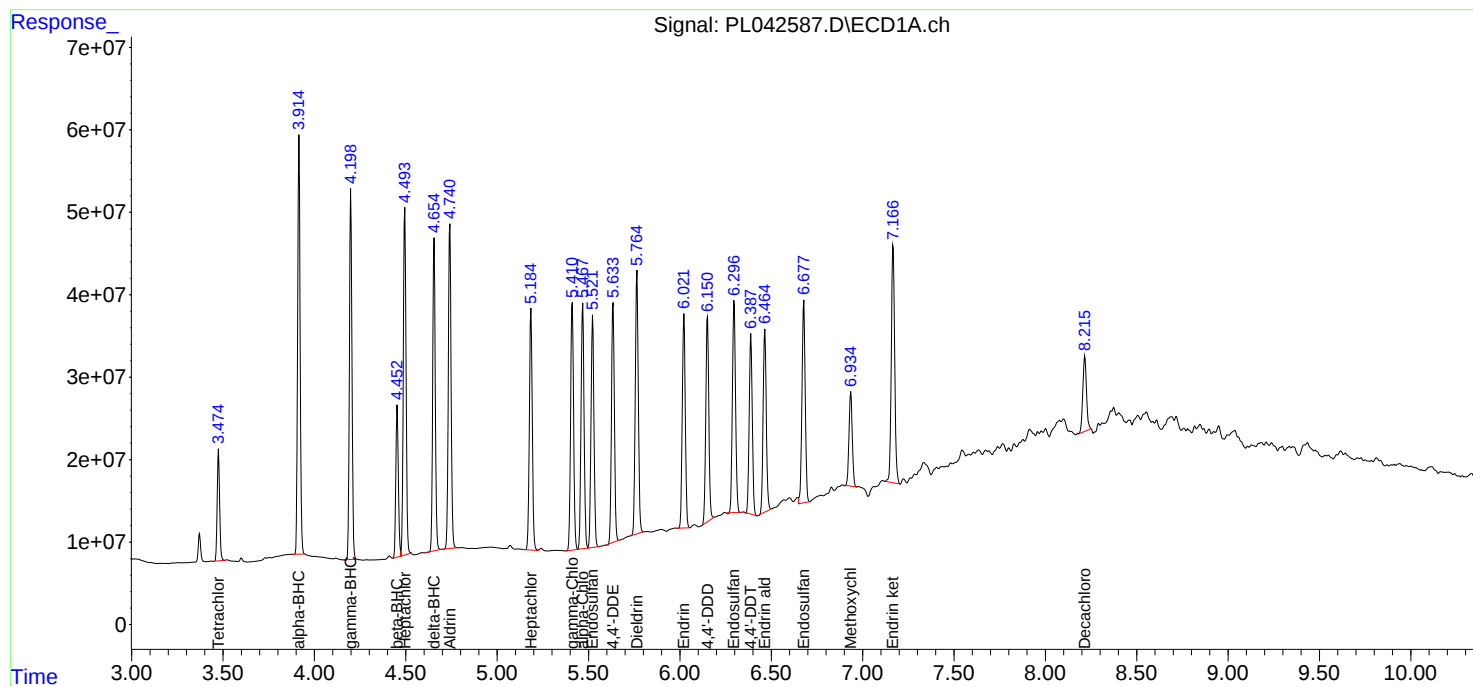
Instrument :  
ECD\_L  
ClientSampleId :  
PB115126BS

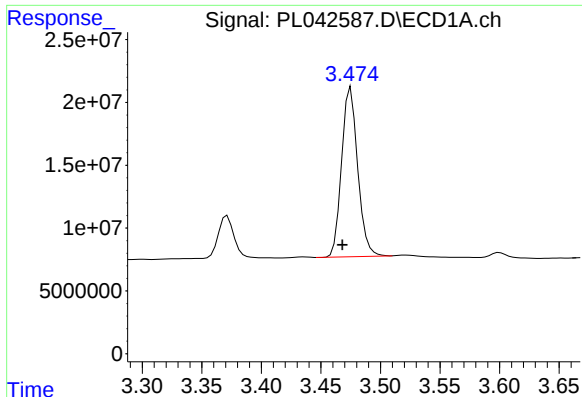
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 29 23:51:05 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112018.M  
Quant Title : GC Extractables  
QLast Update : Tue Nov 20 02:29:59 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





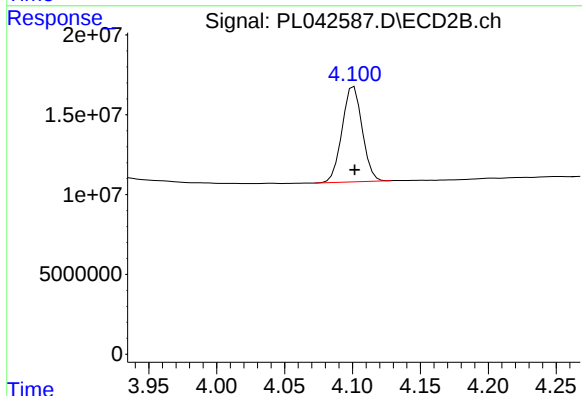
#1 Tetrachloro-m-xylene

R.T.: 3.475 min  
Delta R.T.: 0.007 min  
Response: 126403205  
Conc: 21.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115126BS

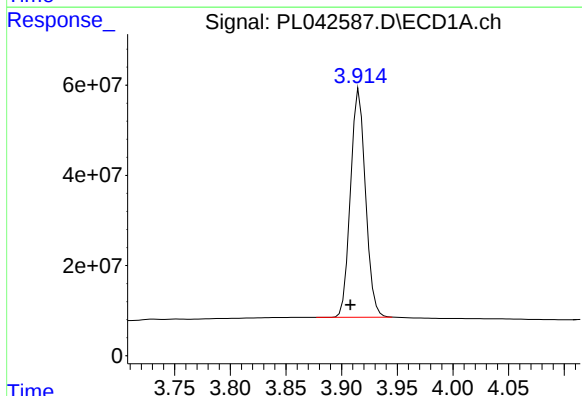
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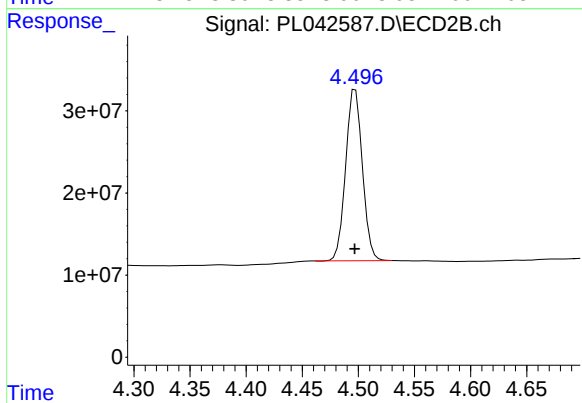
#1 Tetrachloro-m-xylene

R.T.: 4.101 min  
Delta R.T.: 0.000 min  
Response: 61611907  
Conc: 21.42 ng/ml



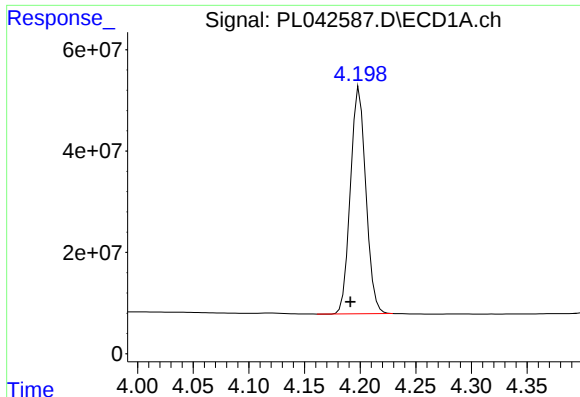
#2 alpha-BHC

R.T.: 3.916 min  
Delta R.T.: 0.008 min  
Response: 475354951  
Conc: 52.68 ng/ml



#2 alpha-BHC

R.T.: 4.497 min  
Delta R.T.: 0.000 min  
Response: 216623953  
Conc: 50.58 ng/ml



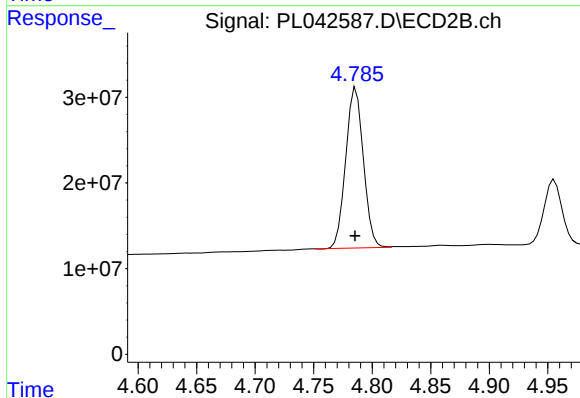
#3 gamma-BHC (Lindane)

R.T.: 4.199 min  
Delta R.T.: 0.008 min  
Response: 432456961  
Conc: 52.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115126BS

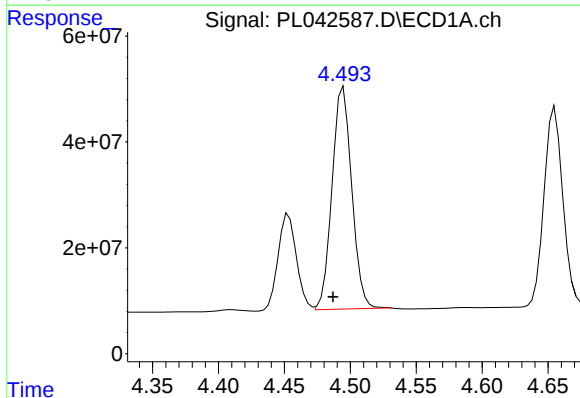
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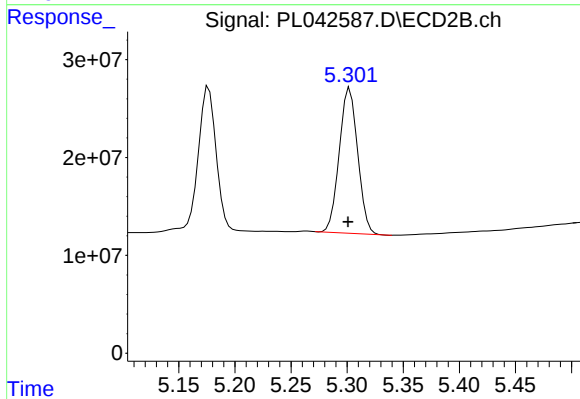
#3 gamma-BHC (Lindane)

R.T.: 4.786 min  
Delta R.T.: 0.000 min  
Response: 196764811  
Conc: 49.79 ng/ml



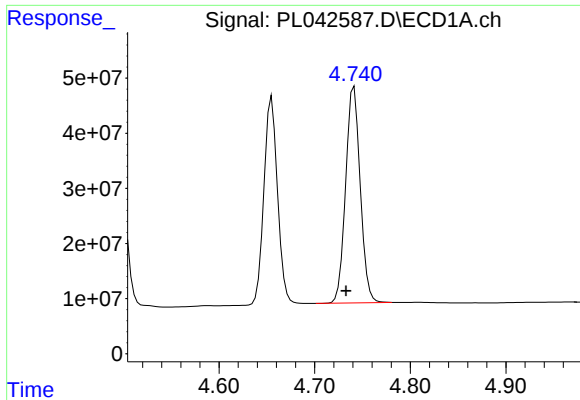
#4 Heptachlor

R.T.: 4.495 min  
Delta R.T.: 0.008 min  
Response: 436148788  
Conc: 50.12 ng/ml



#4 Heptachlor

R.T.: 5.302 min  
Delta R.T.: 0.002 min  
Response: 169229108  
Conc: 43.14 ng/ml



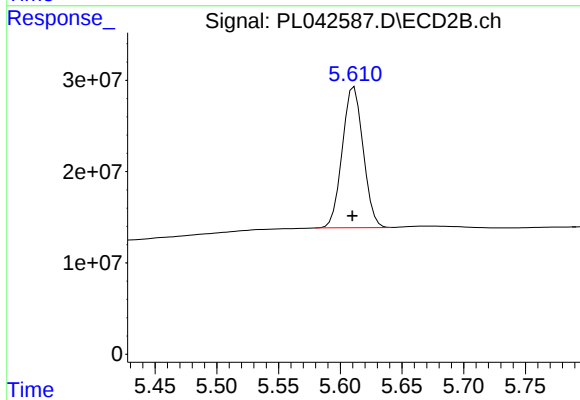
#5 Aldrin

R.T.: 4.741 min  
Delta R.T.: 0.008 min  
Response: 417861003  
Conc: 51.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115126BS

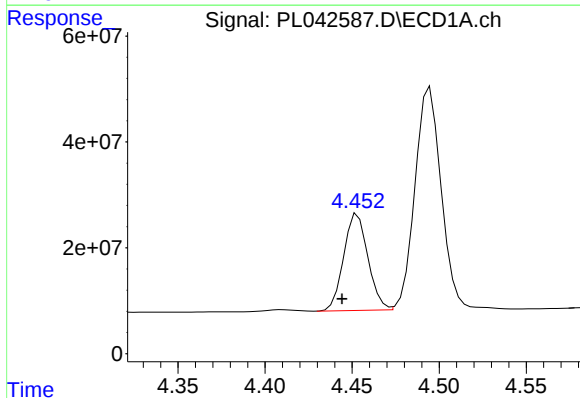
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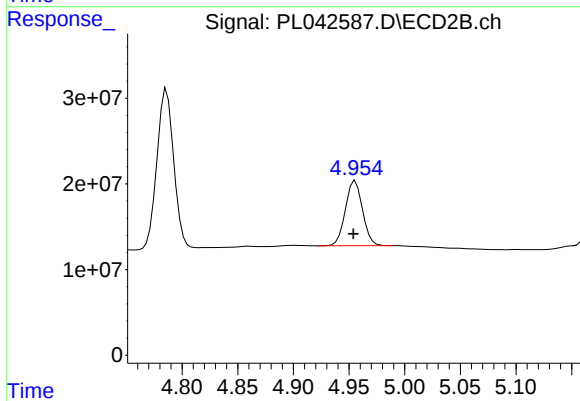
#5 Aldrin

R.T.: 5.610 min  
Delta R.T.: 0.000 min  
Response: 181943054  
Conc: 47.38 ng/ml m



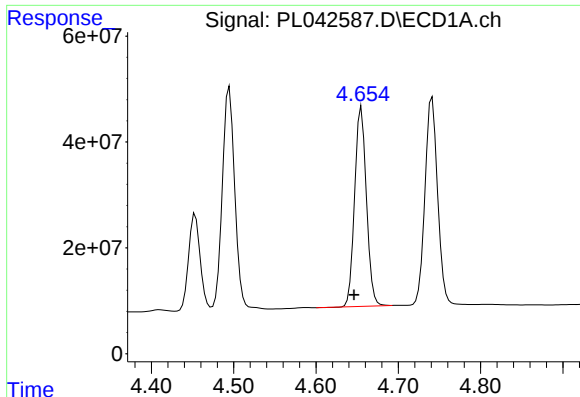
#6 beta-BHC

R.T.: 4.453 min  
Delta R.T.: 0.009 min  
Response: 176924660  
Conc: 49.94 ng/ml



#6 beta-BHC

R.T.: 4.956 min  
Delta R.T.: 0.002 min  
Response: 81276810  
Conc: 51.52 ng/ml



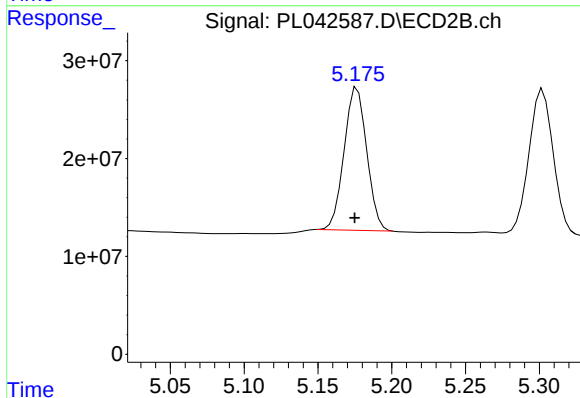
#7 delta-BHC

R.T.: 4.655 min  
Delta R.T.: 0.009 min  
Response: 373565605  
Conc: 48.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115126BS

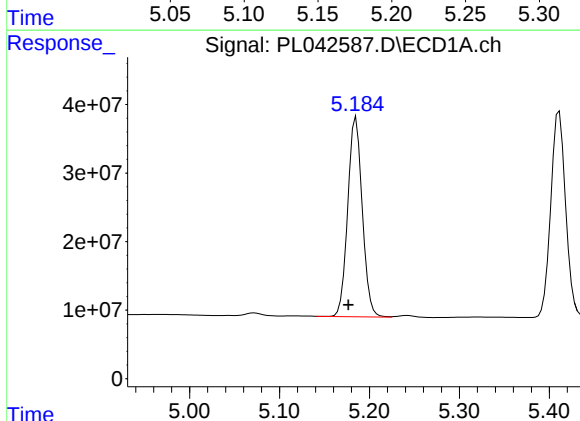
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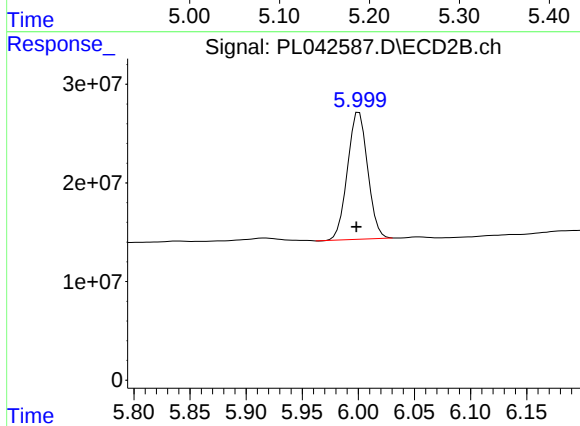
#7 delta-BHC

R.T.: 5.177 min  
Delta R.T.: 0.002 min  
Response: 155775259  
Conc: 42.33 ng/ml



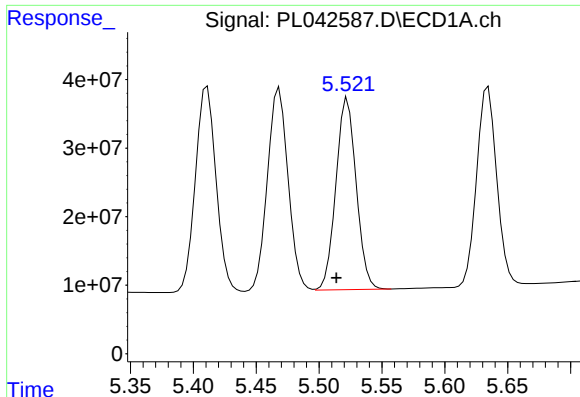
#8 Heptachlor epoxide

R.T.: 5.185 min  
Delta R.T.: 0.009 min  
Response: 326008181  
Conc: 43.01 ng/ml



#8 Heptachlor epoxide

R.T.: 6.001 min  
Delta R.T.: 0.002 min  
Response: 161072180  
Conc: 44.92 ng/ml



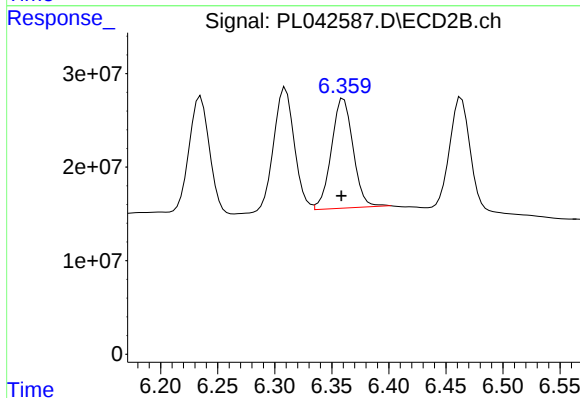
#9 Endosulfan I

R.T.: 5.523 min  
Delta R.T.: 0.009 min  
Response: 313760917  
Conc: 45.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115126BS

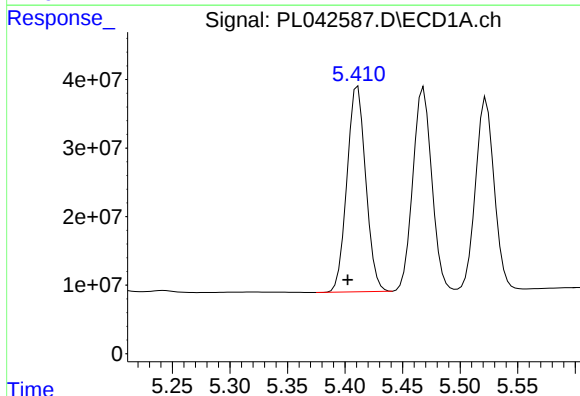
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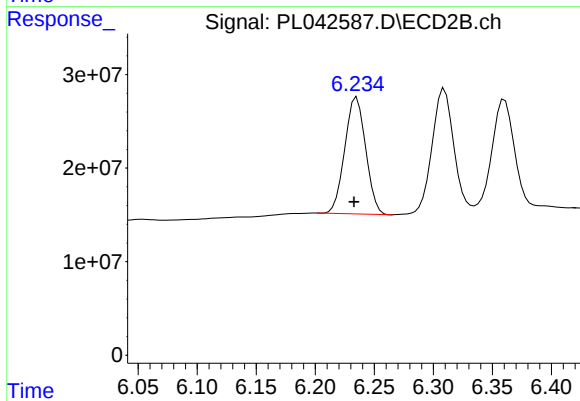
#9 Endosulfan I

R.T.: 6.360 min  
Delta R.T.: 0.002 min  
Response: 155112002  
Conc: 49.12 ng/ml



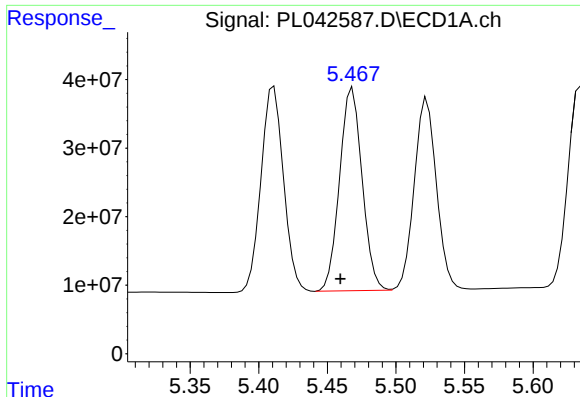
#10 gamma-Chlordane

R.T.: 5.411 min  
Delta R.T.: 0.009 min  
Response: 342280098  
Conc: 44.89 ng/ml



#10 gamma-Chlordane

R.T.: 6.235 min  
Delta R.T.: 0.002 min  
Response: 153986408  
Conc: 45.23 ng/ml



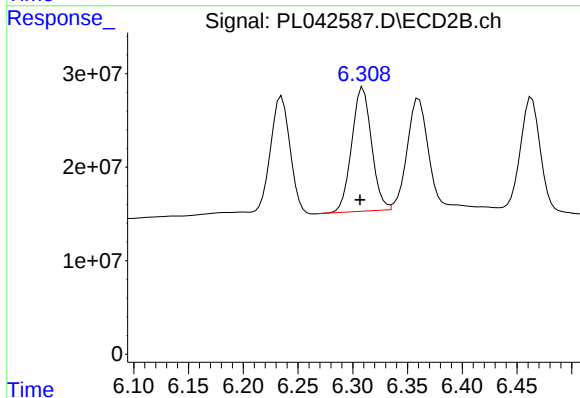
#11 alpha-Chlordane

R.T.: 5.468 min  
Delta R.T.: 0.009 min  
Response: 339127719  
Conc: 45.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115126BS

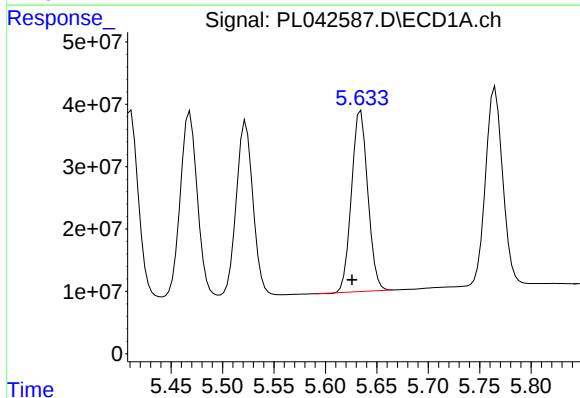
Manual Integrations  
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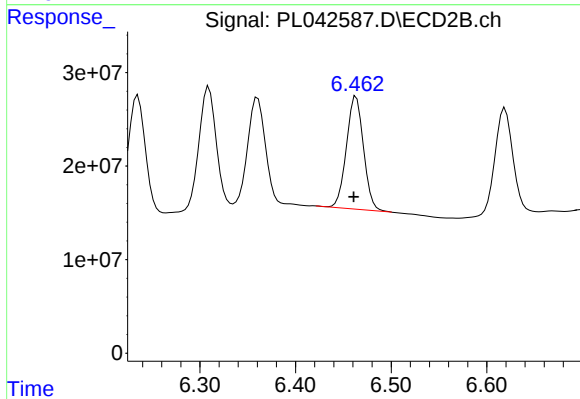
#11 alpha-Chlordane

R.T.: 6.309 min  
Delta R.T.: 0.003 min  
Response: 166919556  
Conc: 49.92 ng/ml



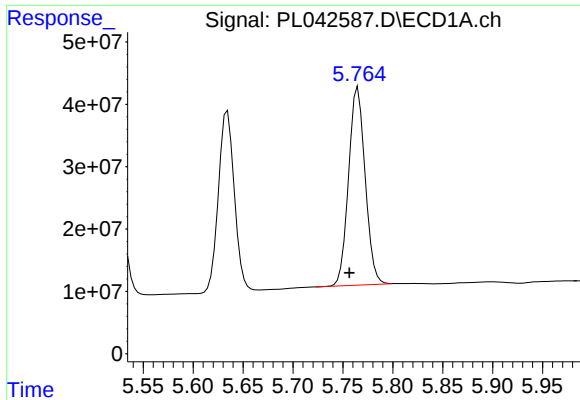
#12 4,4'-DDE

R.T.: 5.635 min  
Delta R.T.: 0.009 min  
Response: 321060059  
Conc: 49.05 ng/ml



#12 4,4'-DDE

R.T.: 6.463 min  
Delta R.T.: 0.003 min  
Response: 150022676  
Conc: 45.08 ng/ml



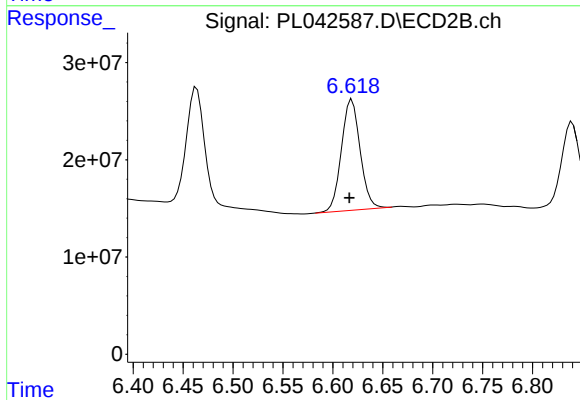
#13 Dieldrin

R.T.: 5.765 min  
Delta R.T.: 0.009 min  
Response: 367693401  
Conc: 49.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115126BS

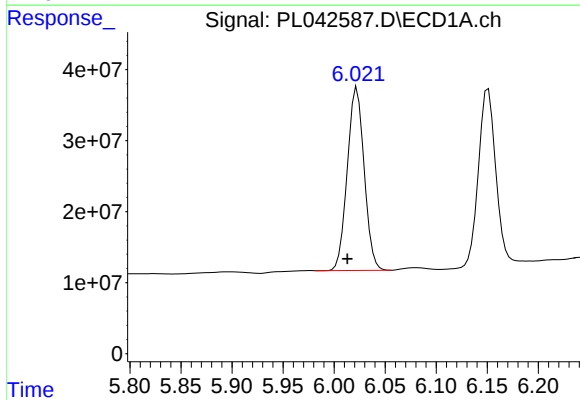
Manual Integrations  
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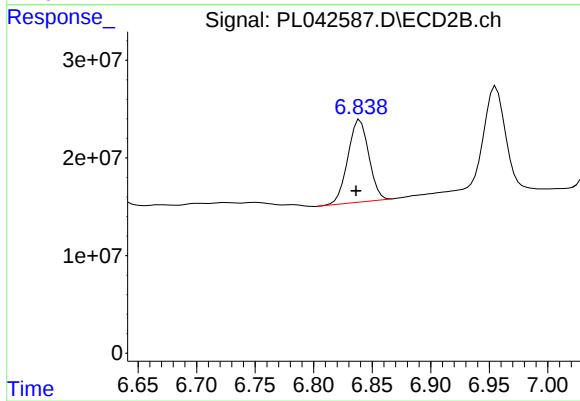
#13 Dieldrin

R.T.: 6.619 min  
Delta R.T.: 0.002 min  
Response: 149699819  
Conc: 44.97 ng/ml



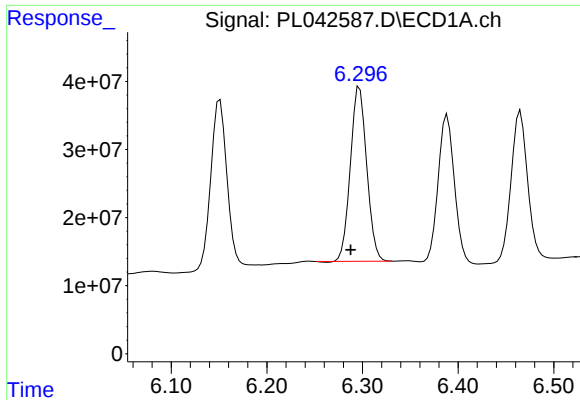
#14 Endrin

R.T.: 6.023 min  
Delta R.T.: 0.010 min  
Response: 296603155  
Conc: 45.35 ng/ml



#14 Endrin

R.T.: 6.840 min  
Delta R.T.: 0.003 min  
Response: 104881987  
Conc: 38.08 ng/ml



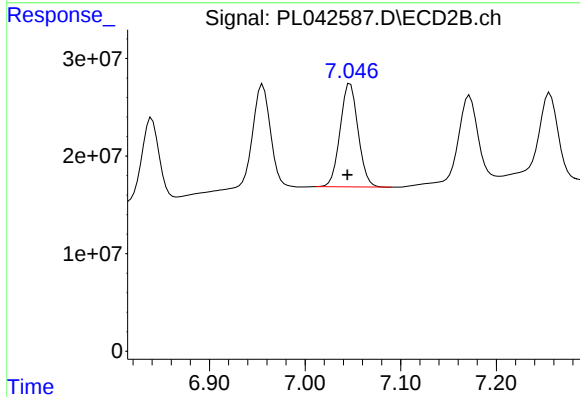
#15 Endosulfan II

R.T.: 6.297 min  
Delta R.T.: 0.009 min  
Response: 305745423  
Conc: 48.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115126BS

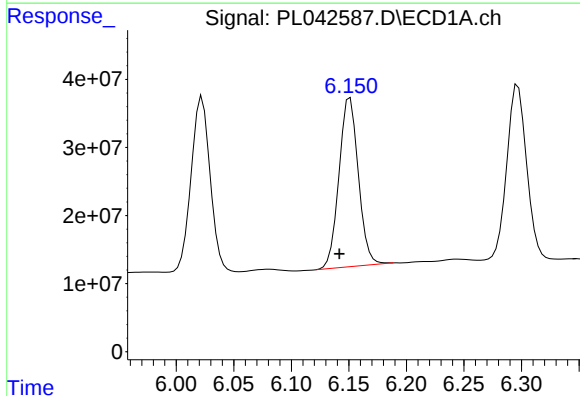
Manual Integrations  
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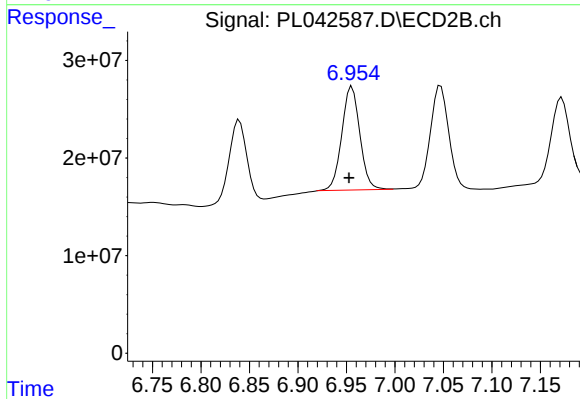
#15 Endosulfan II

R.T.: 7.047 min  
Delta R.T.: 0.003 min  
Response: 138360463  
Conc: 50.10 ng/ml



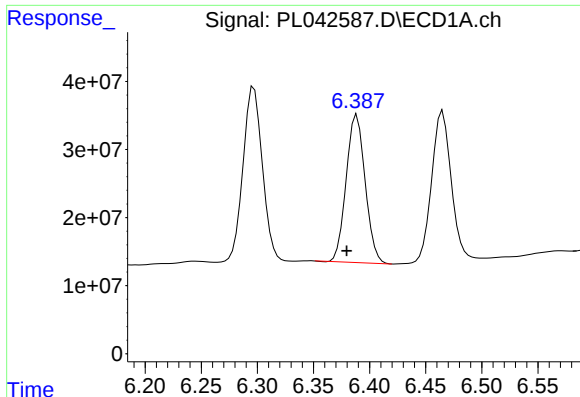
#16 4,4'-DDD

R.T.: 6.150 min  
Delta R.T.: 0.008 min  
Response: 290903367  
Conc: 54.94 ng/ml m



#16 4,4'-DDD

R.T.: 6.954 min  
Delta R.T.: 0.002 min  
Response: 137501845  
Conc: 52.24 ng/ml m



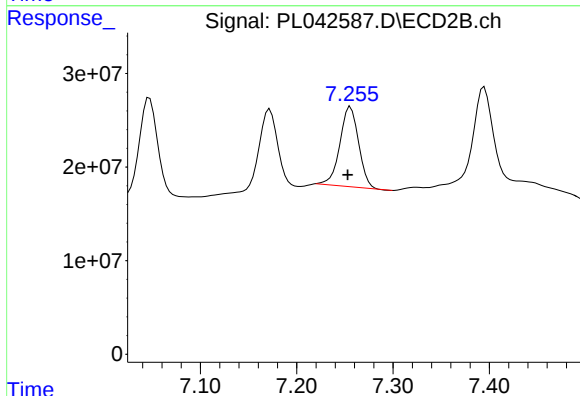
#17 4,4'-DDT

R.T.: 6.389 min  
Delta R.T.: 0.009 min  
Response: 254661290  
Conc: 45.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115126BS

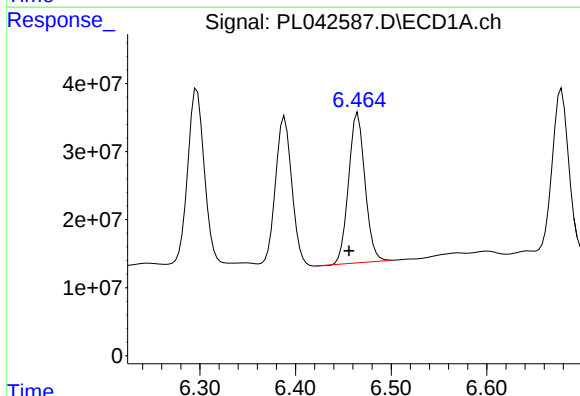
Manual Integrations  
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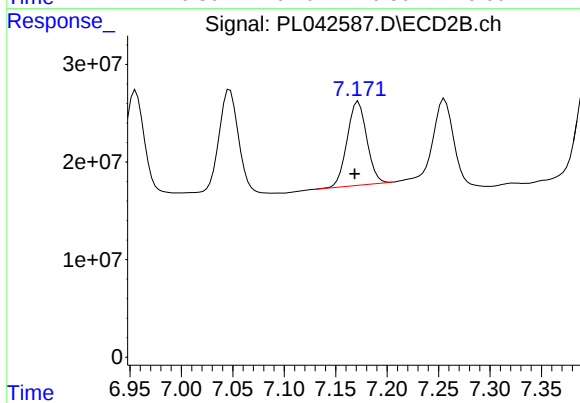
#17 4,4'-DDT

R.T.: 7.256 min  
Delta R.T.: 0.003 min  
Response: 114270439  
Conc: 43.27 ng/ml



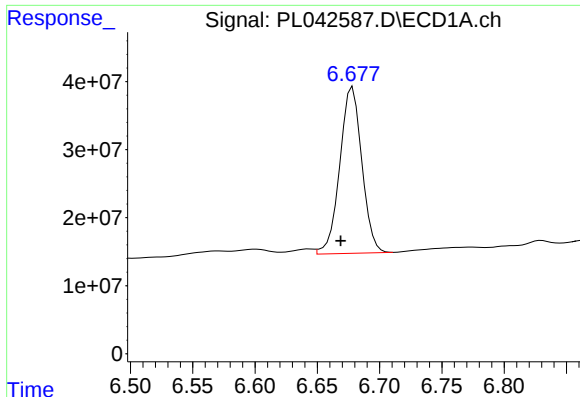
#18 Endrin aldehyde

R.T.: 6.465 min  
Delta R.T.: 0.009 min  
Response: 264847904  
Conc: 50.95 ng/ml



#18 Endrin aldehyde

R.T.: 7.172 min  
Delta R.T.: 0.003 min  
Response: 114127543  
Conc: 49.78 ng/ml



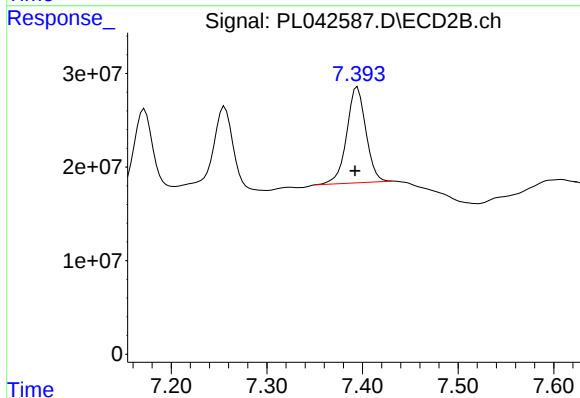
#19 Endosulfan Sulfate

R.T.: 6.678 min  
Delta R.T.: 0.010 min  
Response: 302158961  
Conc: 48.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115126BS

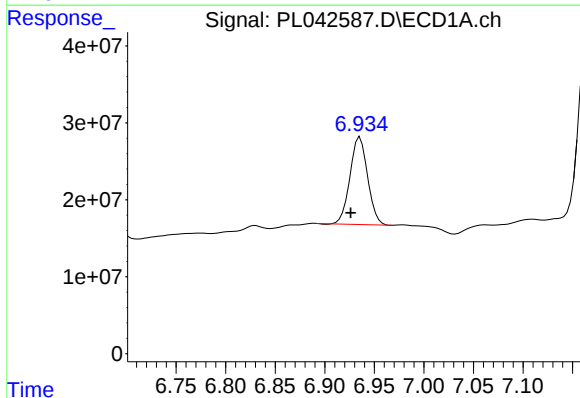
Manual Integrations  
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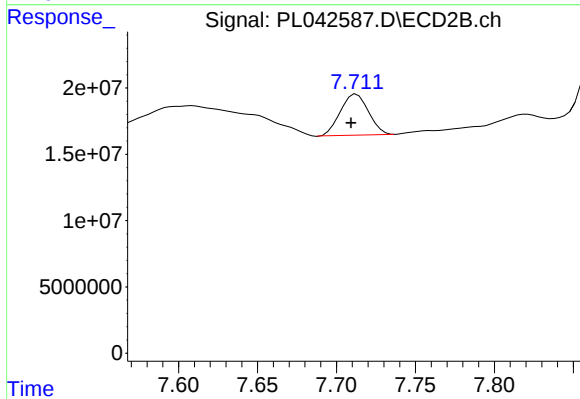
#19 Endosulfan Sulfate

R.T.: 7.395 min  
Delta R.T.: 0.003 min  
Response: 143461928  
Conc: 51.59 ng/ml



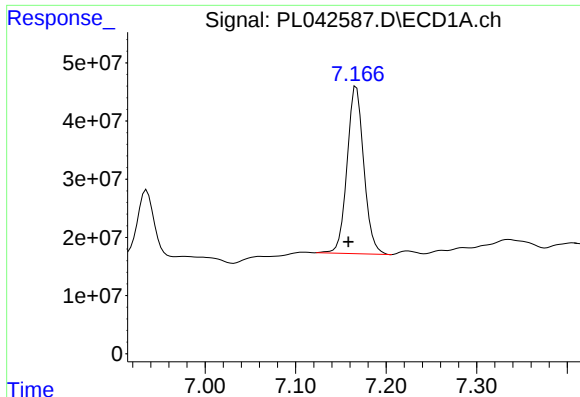
#20 Methoxychlor

R.T.: 6.936 min  
Delta R.T.: 0.009 min  
Response: 141148189  
Conc: 44.75 ng/ml



#20 Methoxychlor

R.T.: 7.711 min  
Delta R.T.: 0.002 min  
Response: 38398753  
Conc: 28.16 ng/ml m



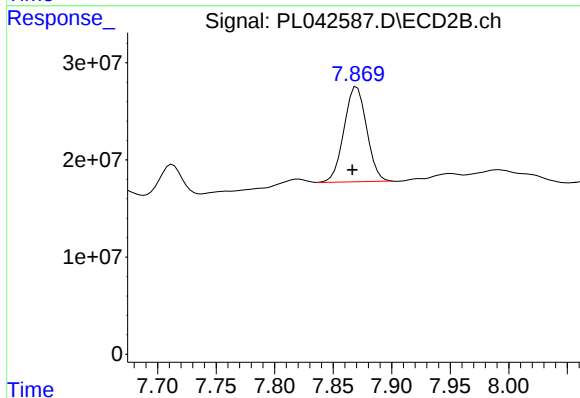
#21 Endrin ketone

R.T.: 7.167 min  
Delta R.T.: 0.009 min  
Response: 370504926  
Conc: 53.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115126BS

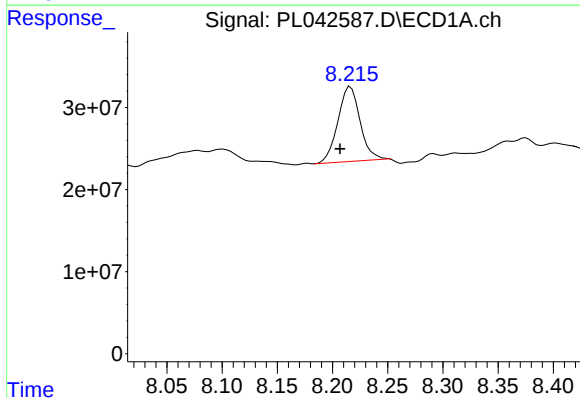
Manual Integrations  
APPROVED

mohammad  
12/5/2018 2:54:57 PM



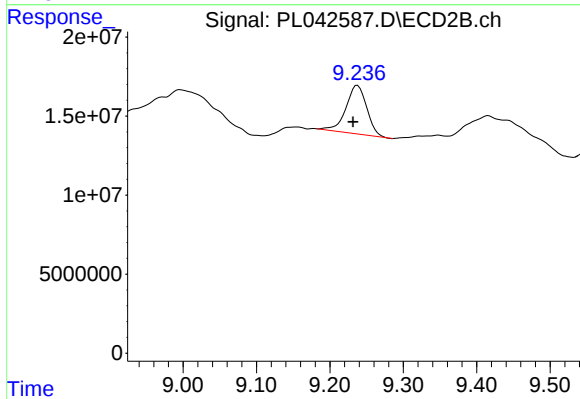
#21 Endrin ketone

R.T.: 7.869 min  
Delta R.T.: 0.002 min  
Response: 131906084  
Conc: 47.72 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.216 min  
Delta R.T.: 0.009 min  
Response: 127551719  
Conc: 20.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.238 min  
Delta R.T.: 0.006 min  
Response: 60604668  
Conc: 25.13 ng/ml