

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111219\  
 Data File : PL054199.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Nov 2019 15:01  
 Operator : SG\AJ  
 Sample : PB124722BS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB124722BS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 13 00:31:37 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 18 13:56:08 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... | 3.540 | 4.044 | 186.2E6 | 45280754 | 17.179  | 18.095 |
| 28)                         | SA Decachlor... | 8.325 | 9.124 | 156.4E6 | 44134274 | 15.945  | 15.673 |
| Target Compounds            |                 |       |       |         |          |         |        |
| 2)                          | A alpha-BHC     | 3.984 | 4.435 | 884.5E6 | 176.5E6  | 50.728  | 51.045 |
| 3)                          | MA gamma-BHC... | 4.271 | 4.721 | 785.5E6 | 163.2E6  | 50.438  | 50.688 |
| 4)                          | MA Heptachlor   | 4.577 | 5.231 | 772.2E6 | 155.5E6  | 48.929  | 48.257 |
| 5)                          | MB Aldrin       | 4.828 | 5.536 | 701.5E6 | 141.9E6  | 49.068  | 47.598 |
| 6)                          | B beta-BHC      | 4.521 | 4.891 | 316.4E6 | 75987248 | 48.017  | 49.195 |
| 7)                          | B delta-BHC     | 4.730 | 5.109 | 679.2E6 | 140.9E6  | 44.623  | 46.649 |
| 8)                          | B Heptachlor... | 5.274 | 5.922 | 661.2E6 | 131.9E6  | 48.982  | 45.215 |
| 9)                          | A Endosulfan I  | 5.616 | 6.280 | 582.3E6 | 124.9E6  | 47.373  | 46.059 |
| 10)                         | B gamma-Chl...  | 5.502 | 6.157 | 638.0E6 | 130.4E6  | 46.760  | 44.692 |
| 11)                         | B alpha-Chl...  | 5.561 | 6.229 | 610.7E6 | 133.6E6  | 45.906  | 45.759 |
| 12)                         | B 4,4'-DDE      | 5.724 | 6.386 | 590.9E6 | 130.3E6  | 49.727  | 46.257 |
| 13)                         | MA Dieldrin     | 5.860 | 6.537 | 611.5E6 | 129.2E6  | 46.920  | 45.288 |
| 14)                         | MA Endrin       | 6.119 | 6.755 | 543.6E6 | 112.5E6  | 46.898  | 46.354 |
| 15)                         | B Endosulfa...  | 6.392 | 6.964 | 484.3E6 | 120.2E6  | 43.318  | 47.043 |
| 16)                         | A 4,4'-DDD      | 6.242 | 6.876 | 433.0E6 | 103.7E6  | 48.654  | 49.751 |
| 17)                         | MA 4,4'-DDT     | 6.485 | 7.174 | 436.4E6 | 101.5E6  | 44.049  | 43.898 |
| 18)                         | B Endrin al...  | 6.561 | 7.088 | 397.5E6 | 96866332 | 43.349  | 44.095 |
| 19)                         | B Endosulfa...  | 6.774 | 7.312 | 440.5E6 | 106.4E6  | 43.304  | 43.373 |
| 20)                         | A Methoxychlor  | 7.029 | 7.633 | 221.4E6 | 57747156 | 44.904  | 44.458 |
| 21)                         | B Endrin ke...  | 7.268 | 7.782 | 472.6E6 | 114.2E6  | 43.905  | 44.306 |
| 22)                         | Mirex           | 7.460 | 8.237 | 376.3E6 | 94910049 | 43.997m | 46.914 |
| -----                       |                 |       |       |         |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111219\  
Data File : PL054199.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Nov 2019 15:01  
Operator : SG\AJ  
Sample : PB124722BS  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

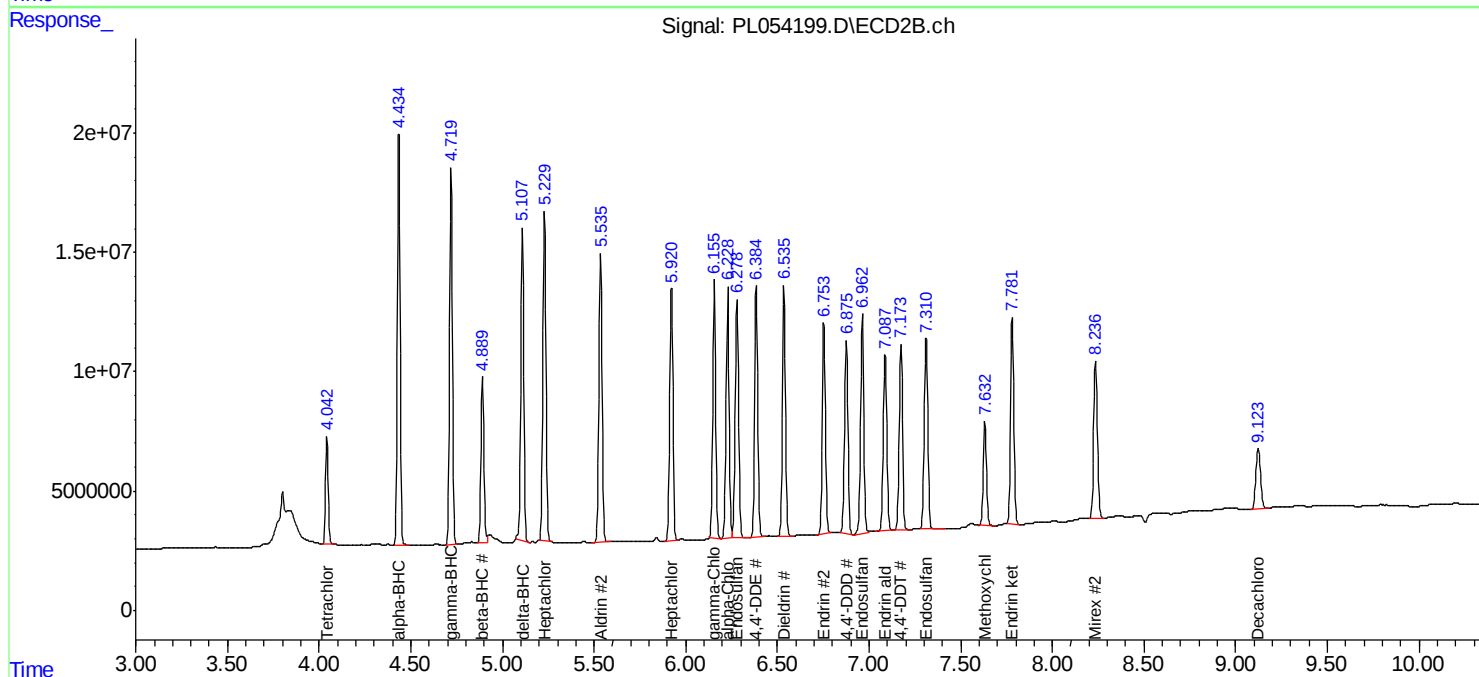
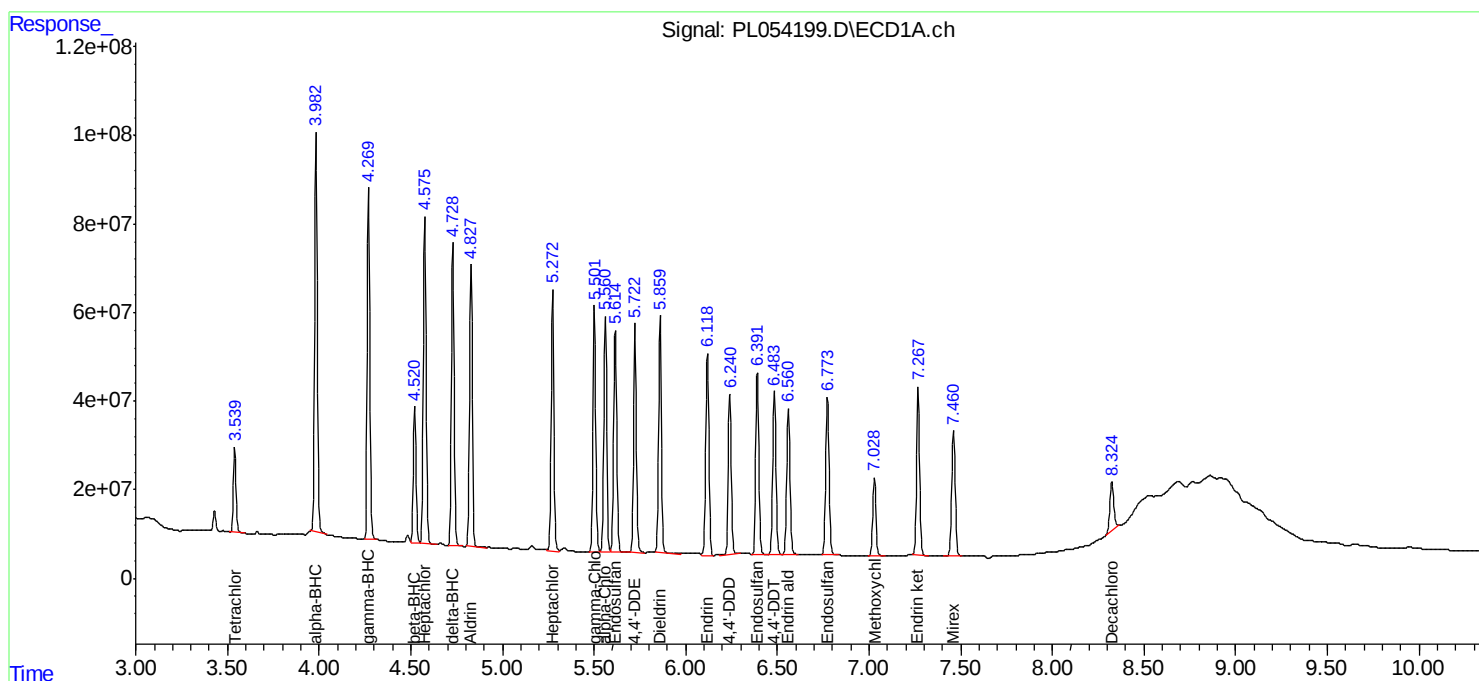
Instrument :  
ECD\_L  
ClientSampled :  
PB124722BS

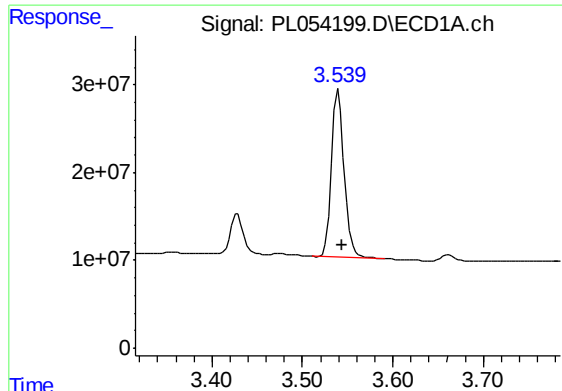
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 13 00:31:37 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 18 13:56:08 2019  
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





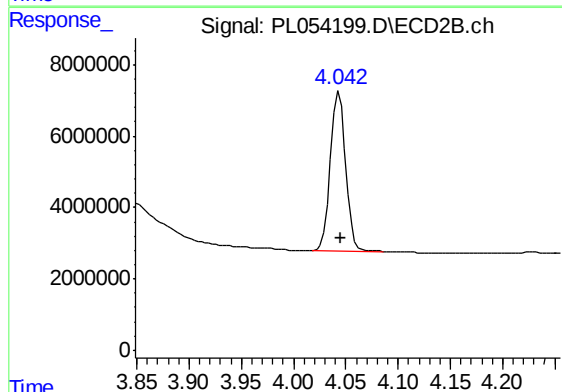
#1 Tetrachloro-m-xylene

R.T.: 3.540 min  
Delta R.T.: -0.004 min  
Response: 186209094  
Conc: 17.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124722BS

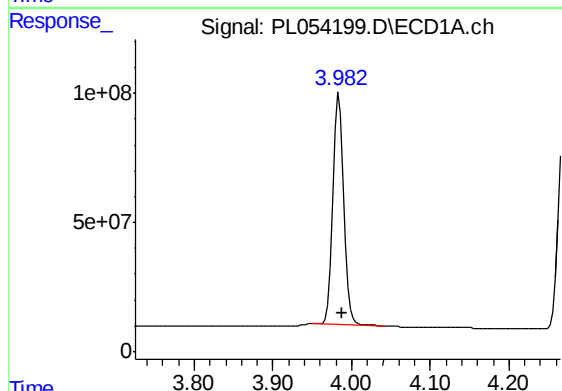
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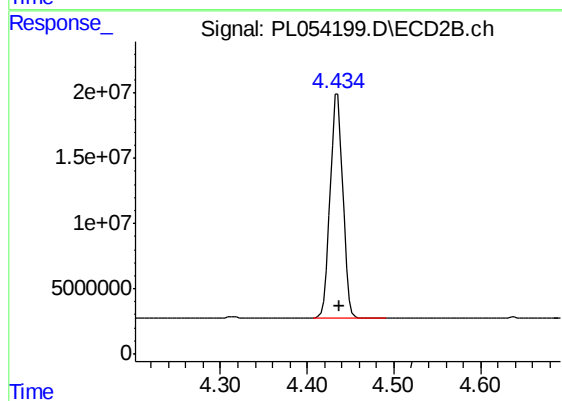
#1 Tetrachloro-m-xylene

R.T.: 4.044 min  
Delta R.T.: -0.002 min  
Response: 45280754  
Conc: 18.10 ng/ml



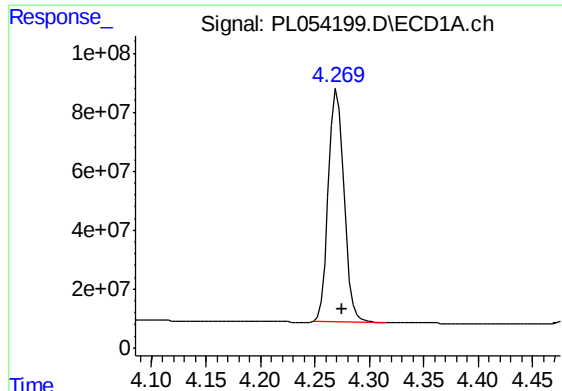
#2 alpha-BHC

R.T.: 3.984 min  
Delta R.T.: -0.004 min  
Response: 884526566  
Conc: 50.73 ng/ml



#2 alpha-BHC

R.T.: 4.435 min  
Delta R.T.: -0.002 min  
Response: 176468308  
Conc: 51.05 ng/ml



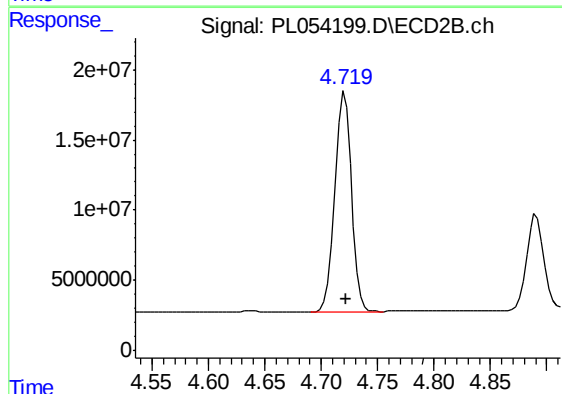
#3 gamma-BHC (Lindane)

R.T.: 4.271 min  
Delta R.T.: -0.004 min  
Response: 785503390  
Conc: 50.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124722BS

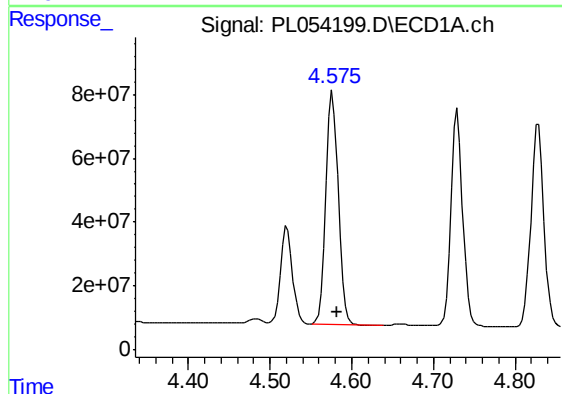
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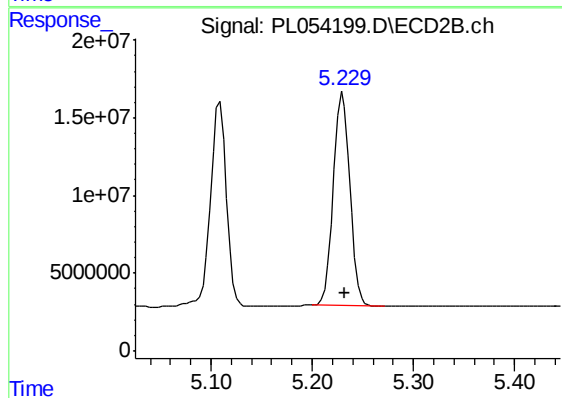
#3 gamma-BHC (Lindane)

R.T.: 4.721 min  
Delta R.T.: -0.002 min  
Response: 163234922  
Conc: 50.69 ng/ml



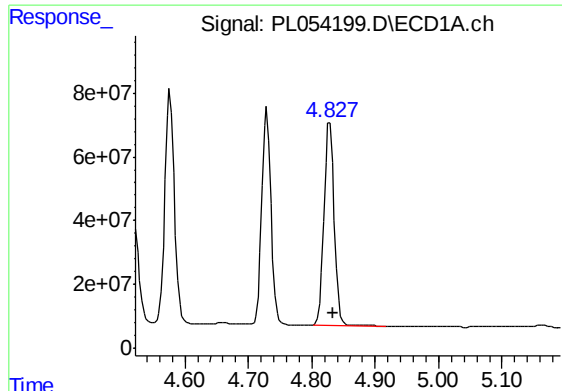
#4 Heptachlor

R.T.: 4.577 min  
Delta R.T.: -0.005 min  
Response: 772246777  
Conc: 48.93 ng/ml



#4 Heptachlor

R.T.: 5.231 min  
Delta R.T.: -0.002 min  
Response: 155491302  
Conc: 48.26 ng/ml



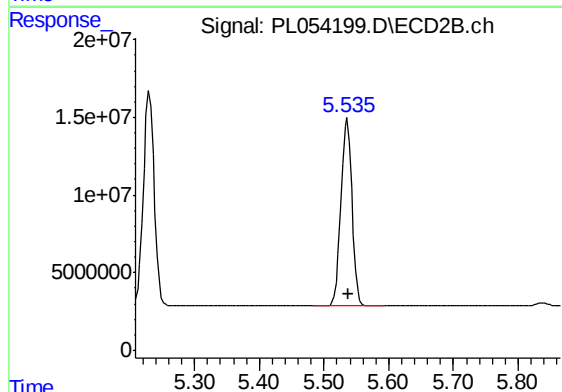
#5 Aldrin

R.T.: 4.828 min  
Delta R.T.: -0.006 min  
Response: 701462417  
Conc: 49.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124722BS

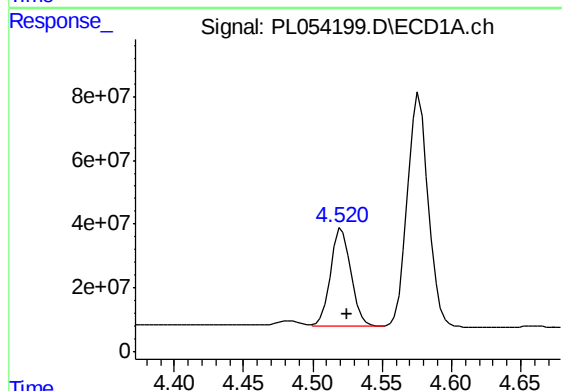
Manual Integrations  
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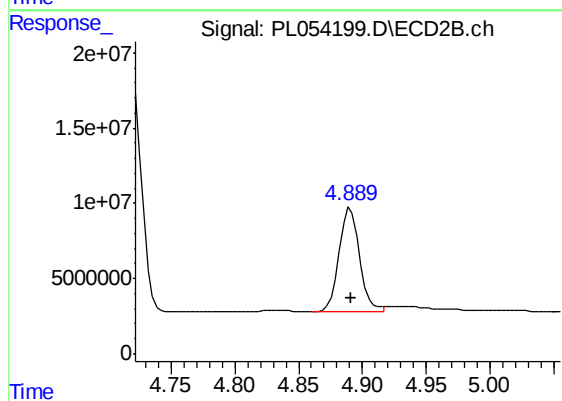
#5 Aldrin

R.T.: 5.536 min  
Delta R.T.: -0.002 min  
Response: 141915909  
Conc: 47.60 ng/ml



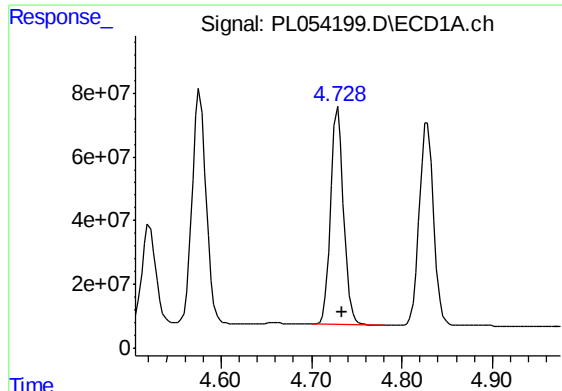
#6 beta-BHC

R.T.: 4.521 min  
Delta R.T.: -0.003 min  
Response: 316425356  
Conc: 48.02 ng/ml



#6 beta-BHC

R.T.: 4.891 min  
Delta R.T.: 0.000 min  
Response: 75987248  
Conc: 49.19 ng/ml



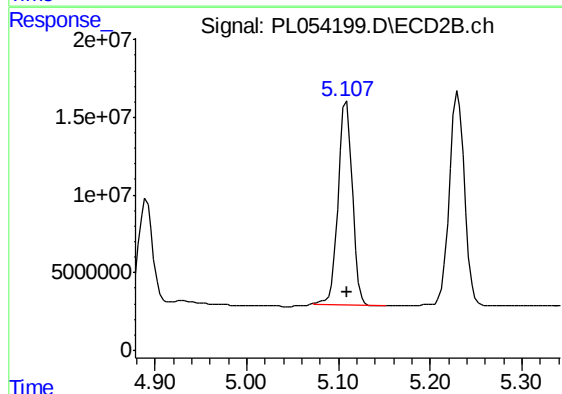
#7 delta-BHC

R.T.: 4.730 min  
Delta R.T.: -0.004 min  
Response: 679216454  
Conc: 44.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124722BS

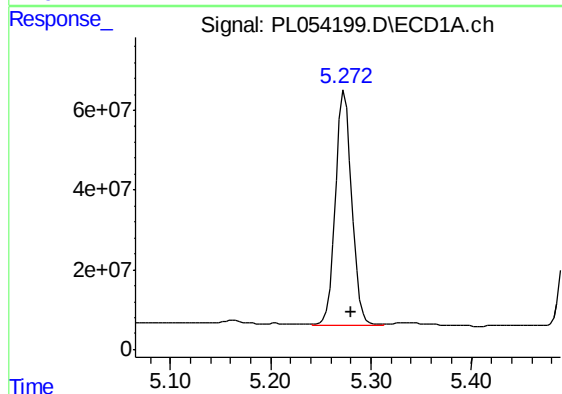
Manual Integrations  
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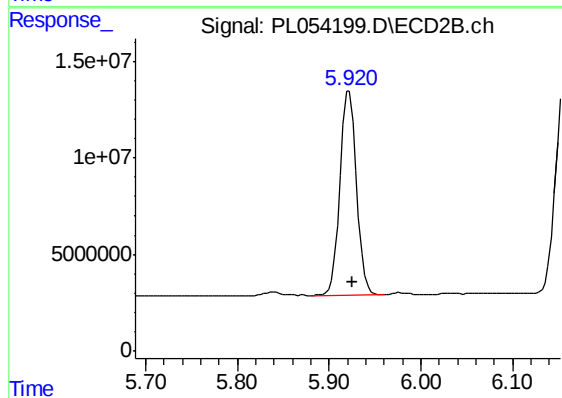
#7 delta-BHC

R.T.: 5.109 min  
Delta R.T.: 0.000 min  
Response: 140907285  
Conc: 46.65 ng/ml



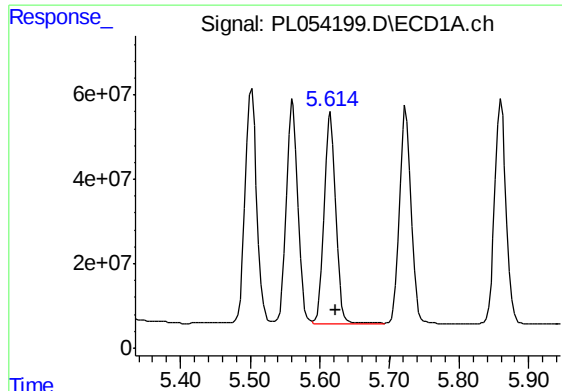
#8 Heptachlor epoxide

R.T.: 5.274 min  
Delta R.T.: -0.006 min  
Response: 661222215  
Conc: 48.98 ng/ml



#8 Heptachlor epoxide

R.T.: 5.922 min  
Delta R.T.: -0.003 min  
Response: 131864157  
Conc: 45.21 ng/ml



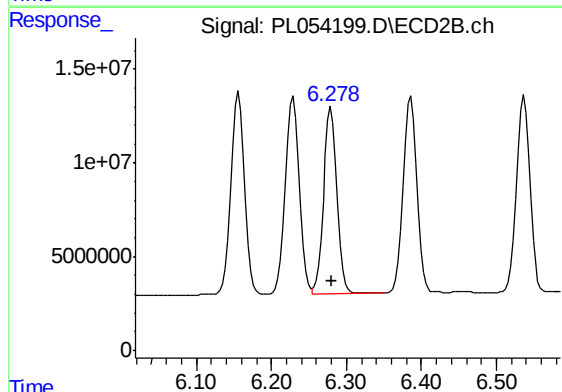
#9 Endosulfan I

R.T.: 5.616 min  
Delta R.T.: -0.007 min  
Response: 582317170  
Conc: 47.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124722BS

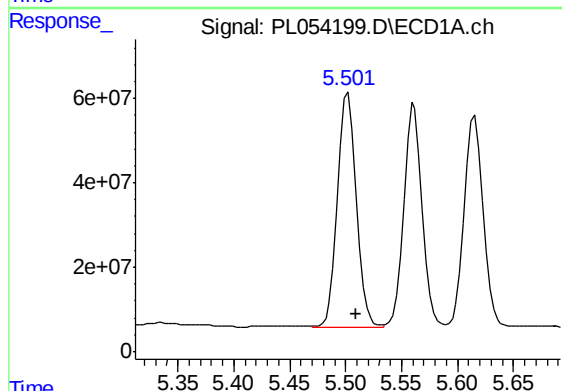
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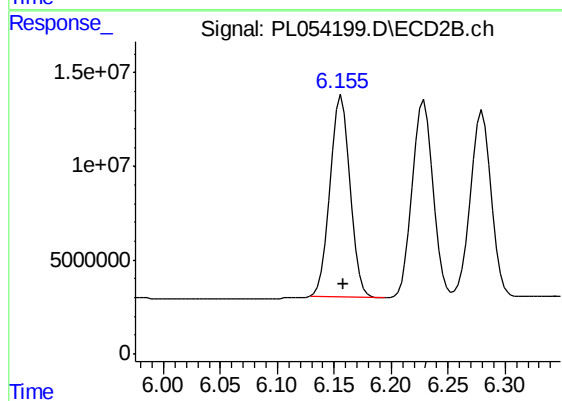
#9 Endosulfan I

R.T.: 6.280 min  
Delta R.T.: -0.001 min  
Response: 124877962  
Conc: 46.06 ng/ml



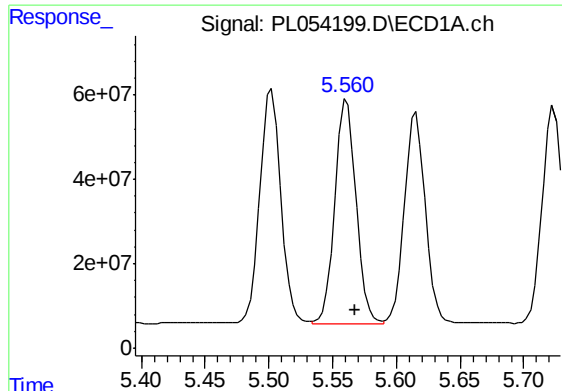
#10 gamma-Chlordane

R.T.: 5.502 min  
Delta R.T.: -0.007 min  
Response: 637974015  
Conc: 46.76 ng/ml



#10 gamma-Chlordane

R.T.: 6.157 min  
Delta R.T.: -0.001 min  
Response: 130403569  
Conc: 44.69 ng/ml



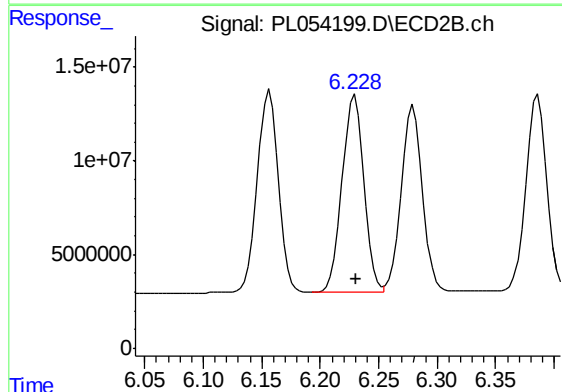
#11 alpha-Chlordane

R.T.: 5.561 min  
Delta R.T.: -0.006 min  
Response: 610716429  
Conc: 45.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124722BS

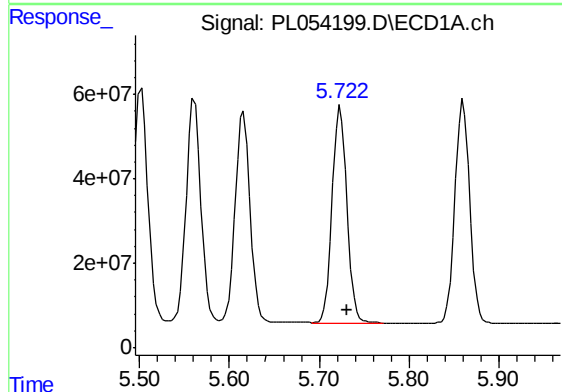
Manual Integrations  
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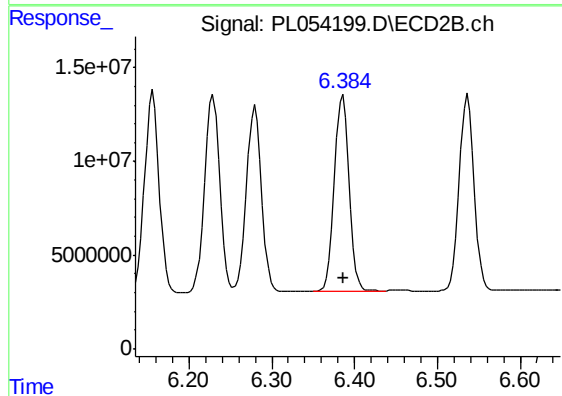
#11 alpha-Chlordane

R.T.: 6.229 min  
Delta R.T.: -0.002 min  
Response: 133581157  
Conc: 45.76 ng/ml



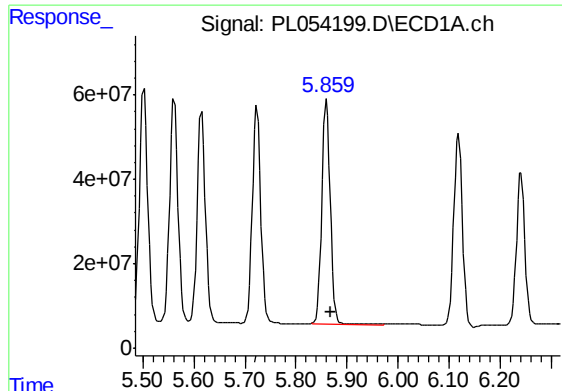
#12 4,4'-DDE

R.T.: 5.724 min  
Delta R.T.: -0.007 min  
Response: 590863093  
Conc: 49.73 ng/ml



#12 4,4'-DDE

R.T.: 6.386 min  
Delta R.T.: 0.000 min  
Response: 130276061  
Conc: 46.26 ng/ml



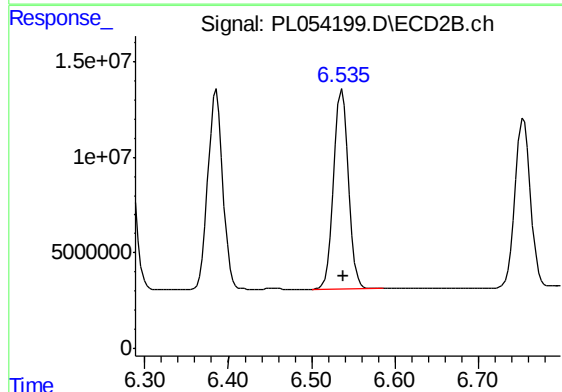
#13 Dieldrin

R.T.: 5.860 min  
Delta R.T.: -0.007 min  
Response: 611537460  
Conc: 46.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124722BS

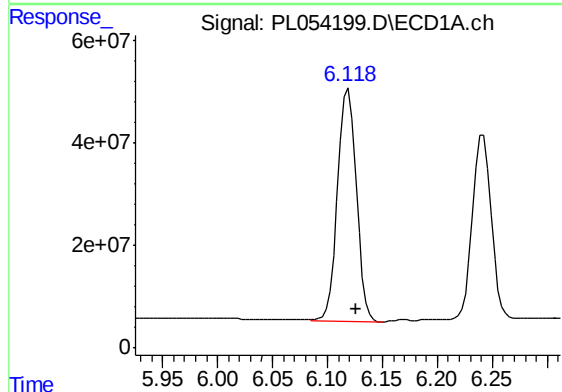
Manual Integrations  
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11/13/2019 10:45:17 AM



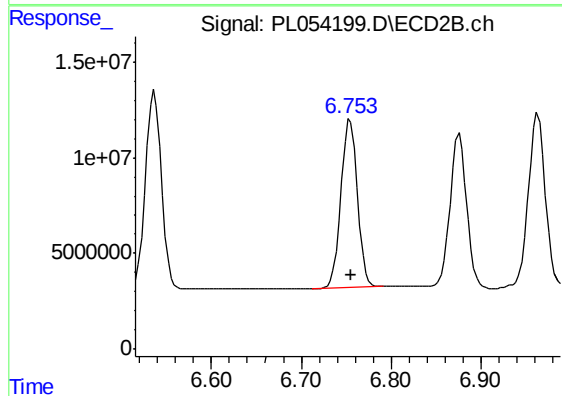
#13 Dieldrin

R.T.: 6.537 min  
Delta R.T.: -0.002 min  
Response: 129236132  
Conc: 45.29 ng/ml



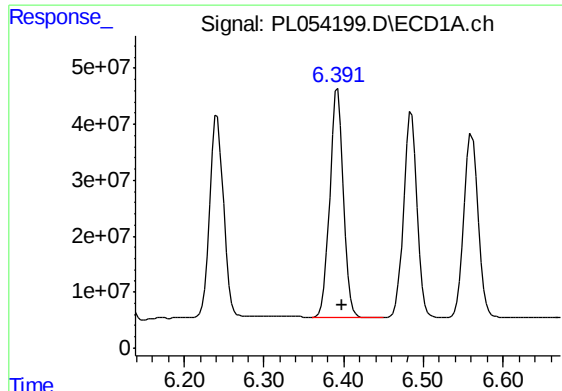
#14 Endrin

R.T.: 6.119 min  
Delta R.T.: -0.007 min  
Response: 543599853  
Conc: 46.90 ng/ml



#14 Endrin

R.T.: 6.755 min  
Delta R.T.: -0.001 min  
Response: 112510955  
Conc: 46.35 ng/ml



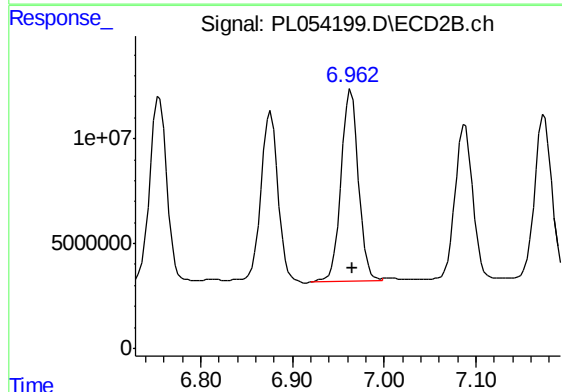
#15 Endosulfan II

R.T.: 6.392 min  
Delta R.T.: -0.007 min  
Response: 484306763  
Conc: 43.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124722BS

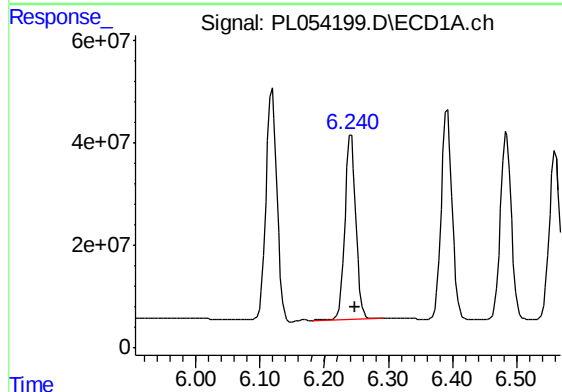
Manual Integrations  
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11/13/2019 10:45:17 AM



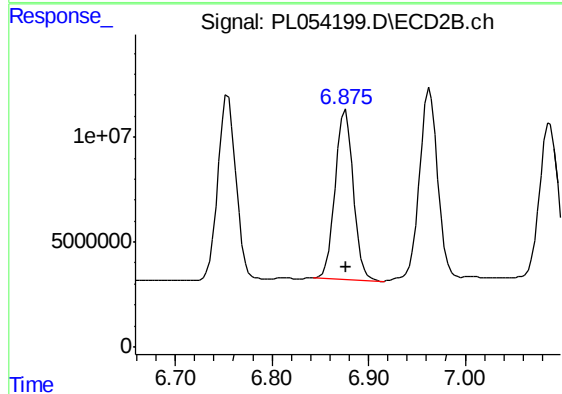
#15 Endosulfan II

R.T.: 6.964 min  
Delta R.T.: -0.001 min  
Response: 120169647  
Conc: 47.04 ng/ml



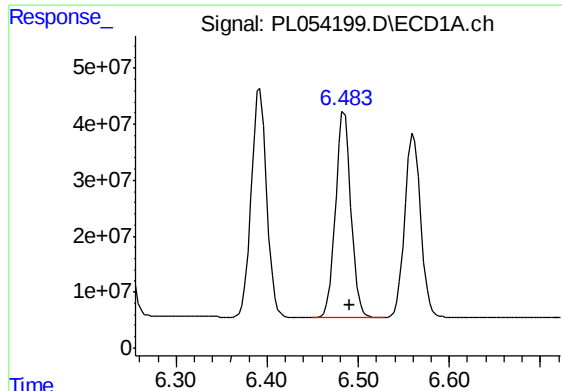
#16 4,4'-DDD

R.T.: 6.242 min  
Delta R.T.: -0.007 min  
Response: 433011341  
Conc: 48.65 ng/ml



#16 4,4'-DDD

R.T.: 6.876 min  
Delta R.T.: 0.000 min  
Response: 103678272  
Conc: 49.75 ng/ml



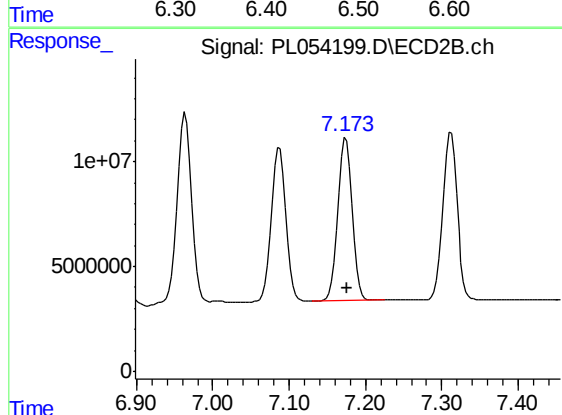
#17 4,4'-DDT

R.T.: 6.485 min  
Delta R.T.: -0.006 min  
Response: 436365176  
Conc: 44.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124722BS

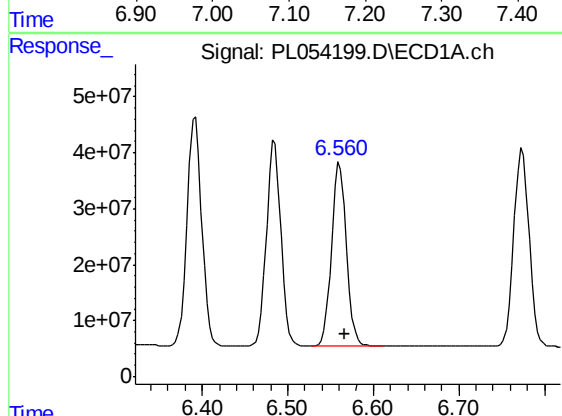
Manual Integrations  
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Ankita  
11/13/2019 10:45:17 AM



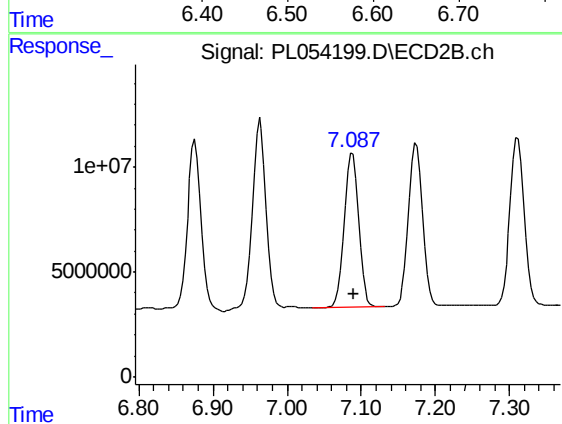
#17 4,4'-DDT

R.T.: 7.174 min  
Delta R.T.: -0.001 min  
Response: 101515512  
Conc: 43.90 ng/ml



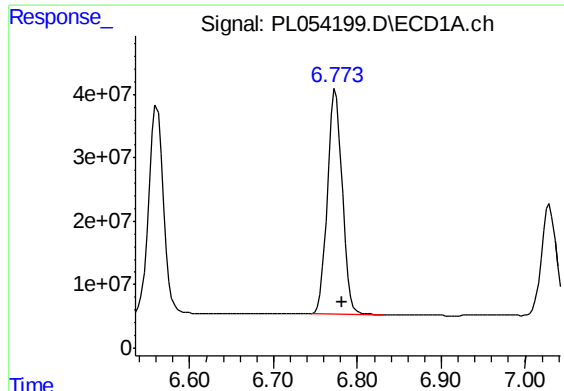
#18 Endrin aldehyde

R.T.: 6.561 min  
Delta R.T.: -0.006 min  
Response: 397480609  
Conc: 43.35 ng/ml



#18 Endrin aldehyde

R.T.: 7.088 min  
Delta R.T.: 0.000 min  
Response: 96866332  
Conc: 44.09 ng/ml



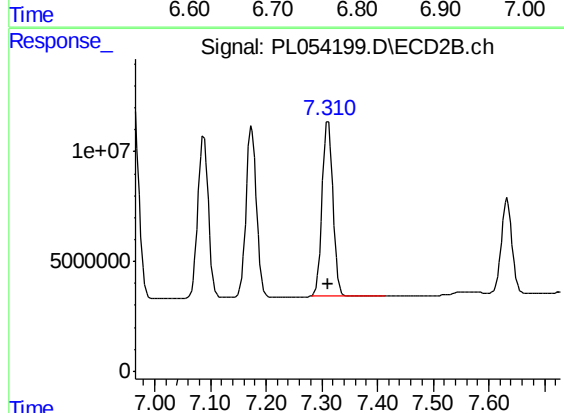
#19 Endosulfan Sulfate

R.T.: 6.774 min  
Delta R.T.: -0.007 min  
Response: 440474749  
Conc: 43.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124722BS

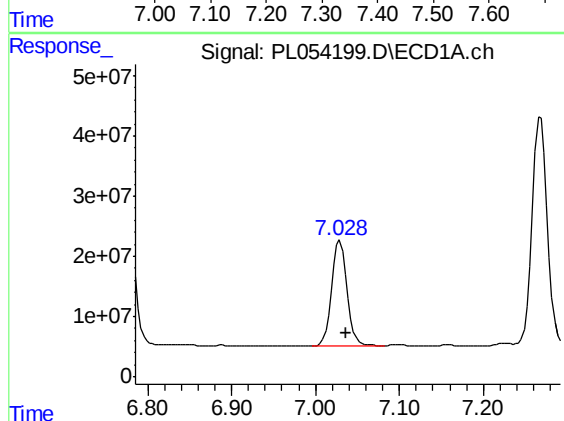
Manual Integrations  
APPROVED

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11/13/2019 10:45:17 AM



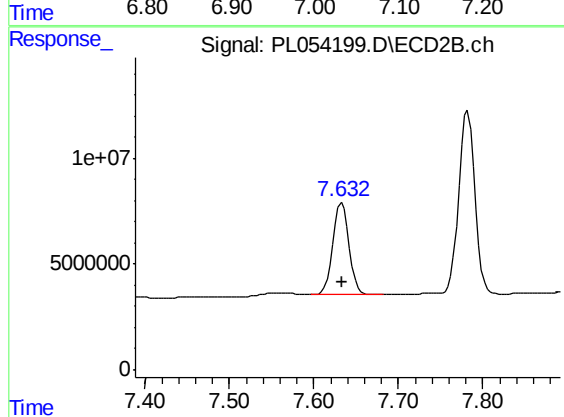
#19 Endosulfan Sulfate

R.T.: 7.312 min  
Delta R.T.: 0.000 min  
Response: 106419887  
Conc: 43.37 ng/ml



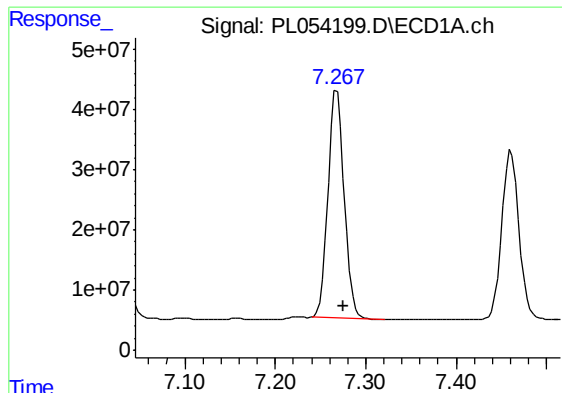
#20 Methoxychlor

R.T.: 7.029 min  
Delta R.T.: -0.008 min  
Response: 221393055  
Conc: 44.90 ng/ml



#20 Methoxychlor

R.T.: 7.633 min  
Delta R.T.: 0.000 min  
Response: 57747156  
Conc: 44.46 ng/ml



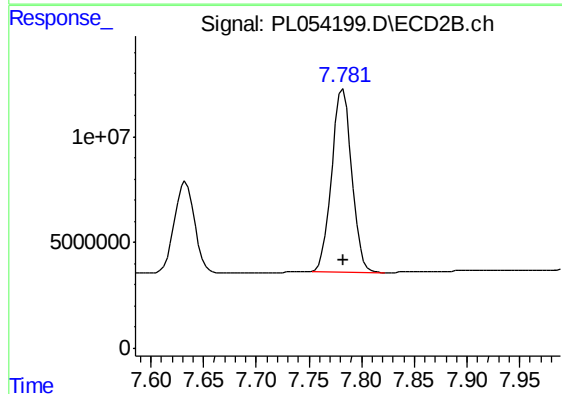
#21 Endrin ketone

R.T.: 7.268 min  
Delta R.T.: -0.007 min  
Response: 472646247  
Conc: 43.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124722BS

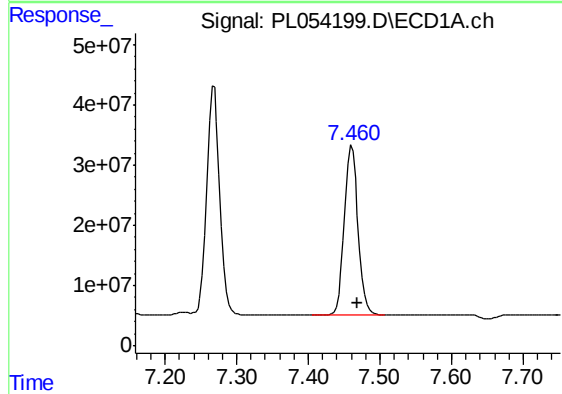
Manual Integrations  
APPROVED

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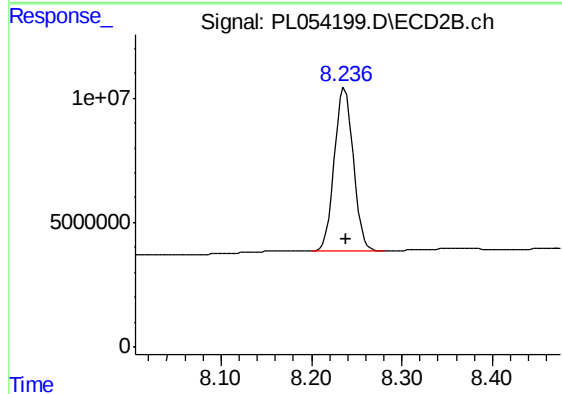
#21 Endrin ketone

R.T.: 7.782 min  
Delta R.T.: 0.000 min  
Response: 114241258  
Conc: 44.31 ng/ml



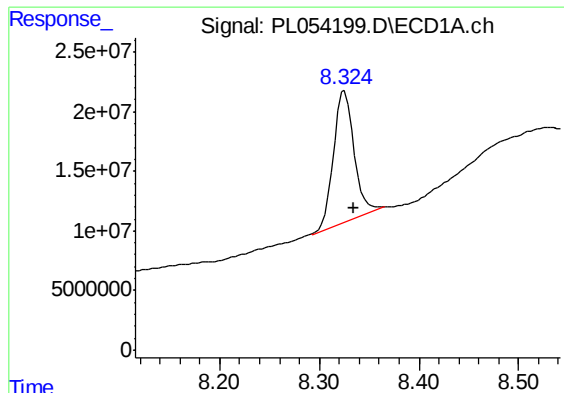
#22 Mirex

R.T.: 7.460 min  
Delta R.T.: -0.010 min  
Response: 376304082  
Conc: 44.00 ng/ml m



#22 Mirex

R.T.: 8.237 min  
Delta R.T.: -0.002 min  
Response: 94910049  
Conc: 46.91 ng/ml



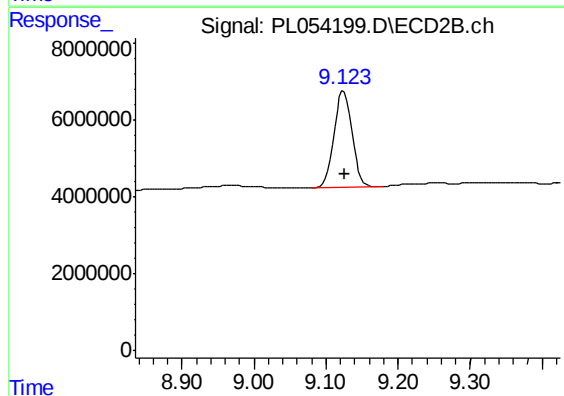
#28 Decachlorobiphenyl

R.T.: 8.325 min  
Delta R.T.: -0.009 min  
Response: 156446643  
Conc: 15.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124722BS

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.124 min  
Delta R.T.: -0.002 min  
Response: 44134274  
Conc: 15.67 ng/ml