

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011619\  
 Data File : PL043976.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Jan 2019 23:22  
 Operator : AJ\SJ  
 Sample : K1010-04MS  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 OK-01-011519-AMS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 17 00:24:52 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011119.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jan 12 01:24:53 2019  
 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... | 3.551f | 4.008 | 106.7E6 | 44177566 | 21.737m | 22.669  |
| 28)                         | SA Decachlor... | 8.276  | 9.078 | 135.8E6 | 41148666 | 24.032m | 25.903  |
| Target Compounds            |                 |        |       |         |          |         |         |
| 2)                          | A alpha-BHC     | 3.991f | 4.399 | 451.0E6 | 148.5E6  | 58.663m | 55.091  |
| 3)                          | MA gamma-BHC... | 4.274f | 4.684 | 419.2E6 | 139.3E6  | 60.102m | 54.827  |
| 4)                          | MA Heptachlor   | 4.571  | 5.192 | 429.5E6 | 144.0E6  | 61.693m | 59.578m |
| 5)                          | MB Aldrin       | 4.818f | 5.499 | 411.6E6 | 129.3E6  | 60.130m | 54.491  |
| 6)                          | B beta-BHC      | 4.527f | 4.854 | 175.9E6 | 62143794 | 59.074m | 56.055m |
| 7)                          | B delta-BHC     | 4.731f | 5.071 | 344.9E6 | 95460657 | 53.565m | 48.598m |
| 8)                          | B Heptachlor... | 5.261  | 5.885 | 393.1E6 | 118.2E6  | 61.812m | 54.760  |
| 9)                          | A Endosulfan I  | 5.600  | 6.242 | 360.6E6 | 115.0E6  | 61.786m | 55.785  |
| 10)                         | B gamma-Chl...  | 5.488  | 6.119 | 399.2E6 | 126.3E6  | 62.183  | 56.640  |
| 11)                         | B alpha-Chl...  | 5.544  | 6.192 | 392.7E6 | 124.7E6  | 62.141m | 56.251  |
| 12)                         | B 4,4'-DDE      | 5.707  | 6.349 | 361.8E6 | 107.2E6  | 66.771m | 58.300  |
| 13)                         | MA Dieldrin     | 5.842  | 6.499 | 396.6E6 | 119.7E6  | 63.673m | 56.098  |
| 14)                         | MA Endrin       | 6.100  | 6.716 | 359.1E6 | 101.8E6  | 66.201  | 58.029  |
| 15)                         | B Endosulfa...  | 6.372  | 6.926 | 338.7E6 | 104.1E6  | 65.092m | 56.228  |
| 16)                         | A 4,4'-DDD      | 6.222  | 6.838 | 292.8E6 | 86215545 | 67.687m | 57.057  |
| 17)                         | MA 4,4'-DDT     | 6.461  | 7.136 | 301.2E6 | 90985210 | 66.029  | 55.168  |
| 18)                         | B Endrin al...  | 6.538  | 7.049 | 279.4E6 | 88716837 | 62.625m | 55.983  |
| 19)                         | B Endosulfa...  | 6.750  | 7.272 | 313.2E6 | 97576273 | 58.142m | 51.749  |
| 20)                         | A Methoxychlor  | 7.001  | 7.594 | 160.9E6 | 51204662 | 62.939m | 58.014  |
| 21)                         | B Endrin ke...  | 7.238  | 7.742 | 357.9E6 | 105.0E6  | 59.432m | 54.102  |
| -----                       |                 |        |       |         |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011619\  
 Data File : PL043976.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Jan 2019 23:22  
 Operator : AJ\SJ  
 Sample : K1010-04MS  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

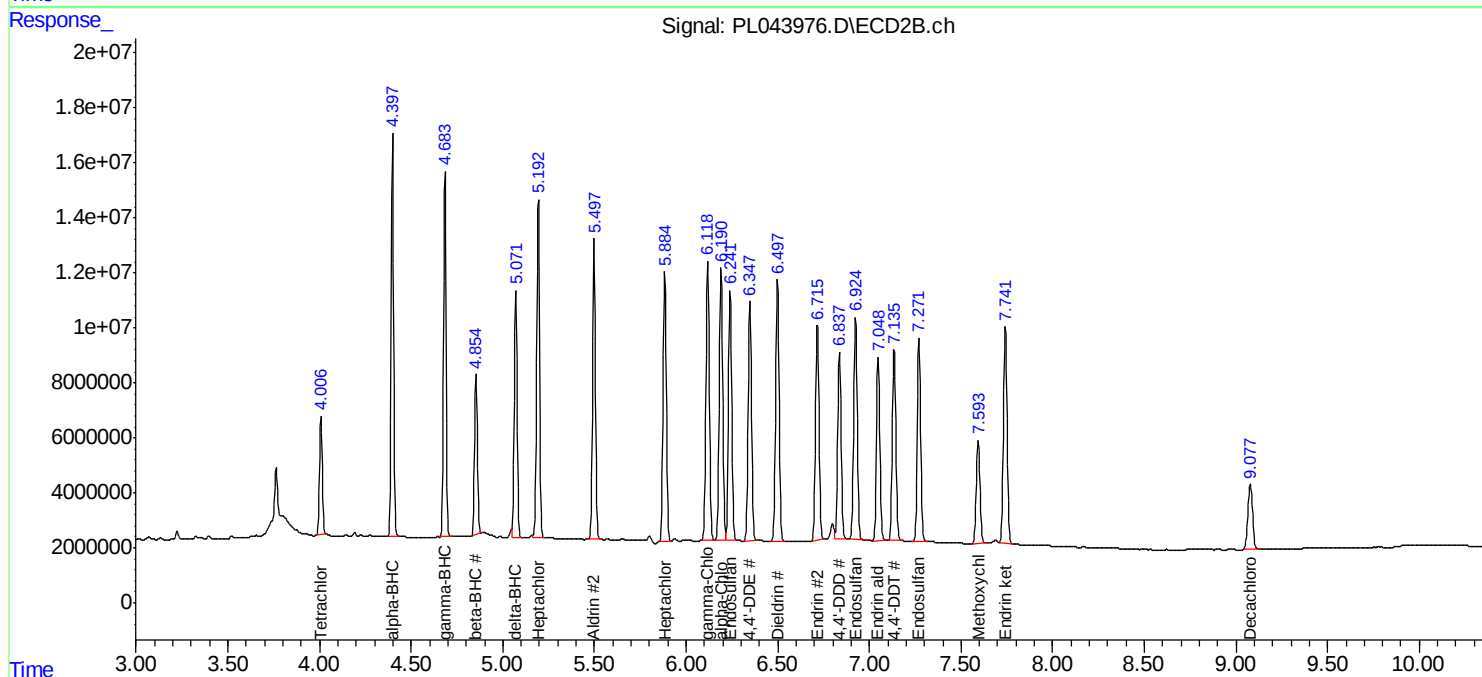
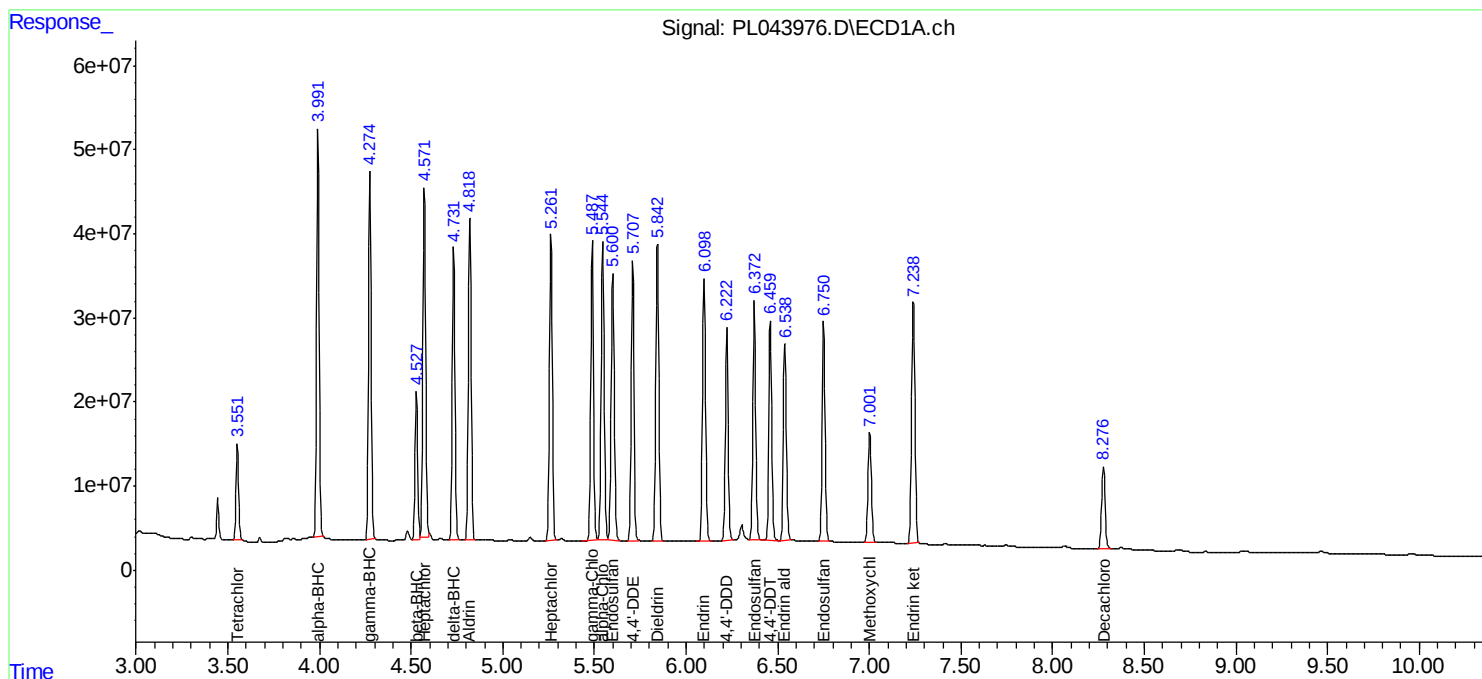
Instrument :  
 ECD\_L  
 ClientSampleId :  
 OK-01-011519-AMS

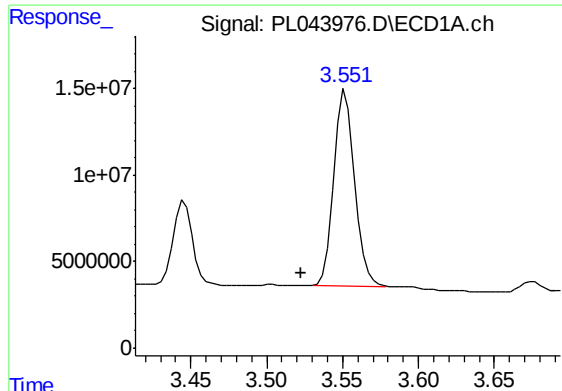
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 17 00:24:52 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011119.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jan 12 01:24:53 2019  
 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





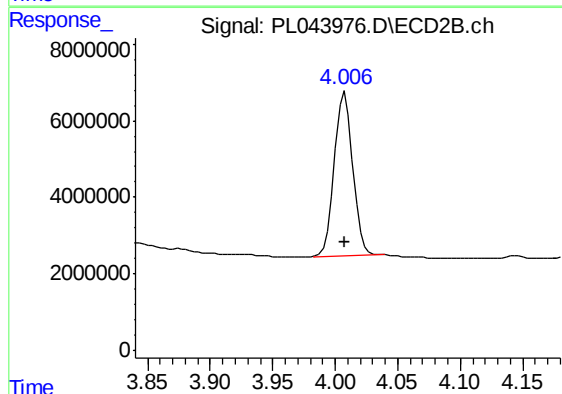
#1 Tetrachloro-m-xylene

R.T.: 3.551 min  
Delta R.T.: 0.028 min  
Response: 106701894  
Conc: 21.74 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
OK-01-011519-AMS

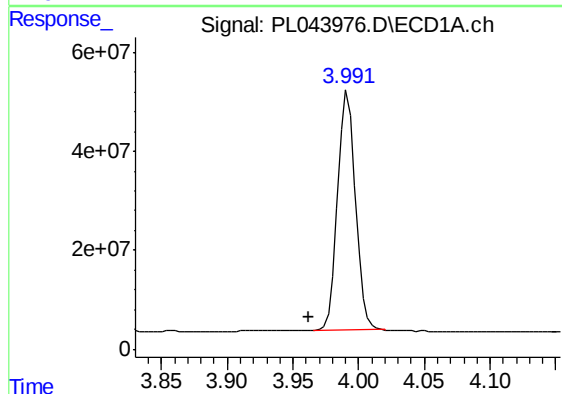
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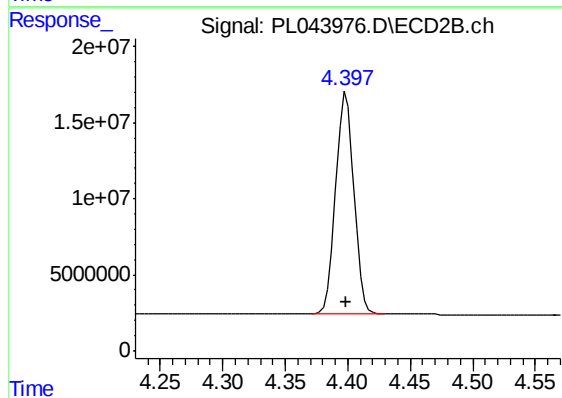
#1 Tetrachloro-m-xylene

R.T.: 4.008 min  
Delta R.T.: 0.000 min  
Response: 44177566  
Conc: 22.67 ng/ml



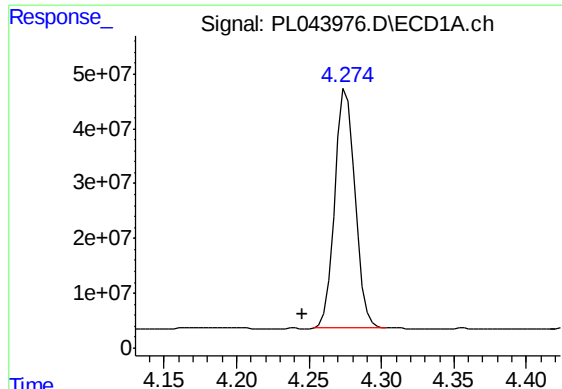
#2 alpha-BHC

R.T.: 3.991 min  
Delta R.T.: 0.029 min  
Response: 450975748  
Conc: 58.66 ng/ml m



#2 alpha-BHC

R.T.: 4.399 min  
Delta R.T.: 0.000 min  
Response: 148541828  
Conc: 55.09 ng/ml



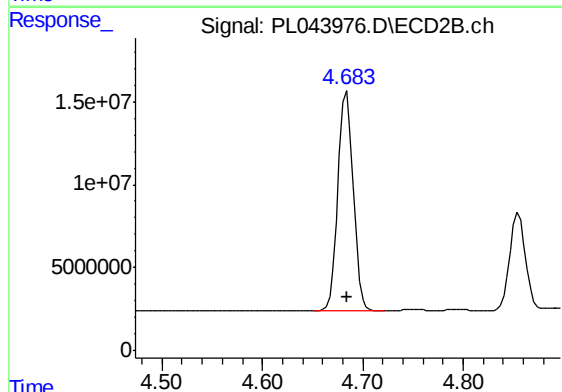
#3 gamma-BHC (Lindane)

R.T.: 4.274 min  
Delta R.T.: 0.029 min  
Response: 419241792  
Conc: 60.10 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
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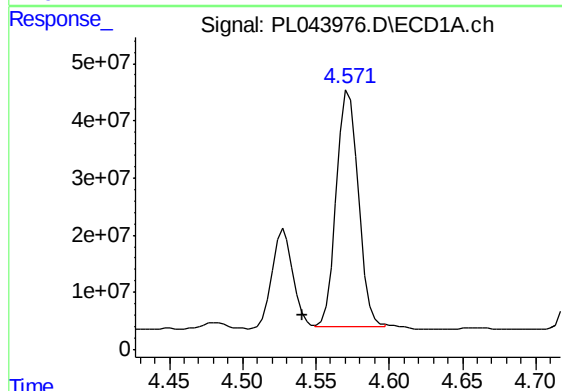
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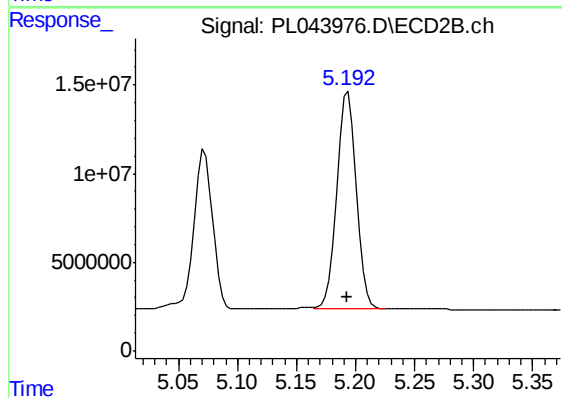
#3 gamma-BHC (Lindane)

R.T.: 4.684 min  
Delta R.T.: 0.000 min  
Response: 139254568  
Conc: 54.83 ng/ml



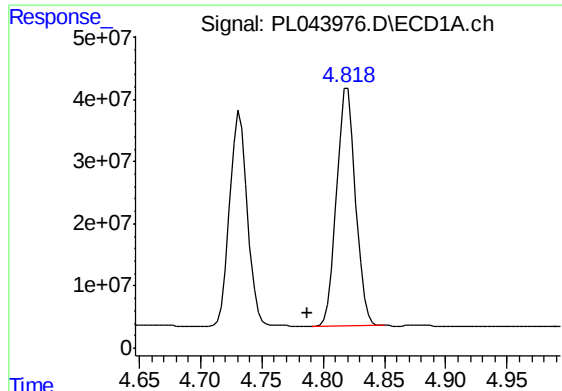
#4 Heptachlor

R.T.: 4.571 min  
Delta R.T.: 0.030 min  
Response: 429488903  
Conc: 61.69 ng/ml m



#4 Heptachlor

R.T.: 5.192 min  
Delta R.T.: 0.000 min  
Response: 143999463  
Conc: 59.58 ng/ml m



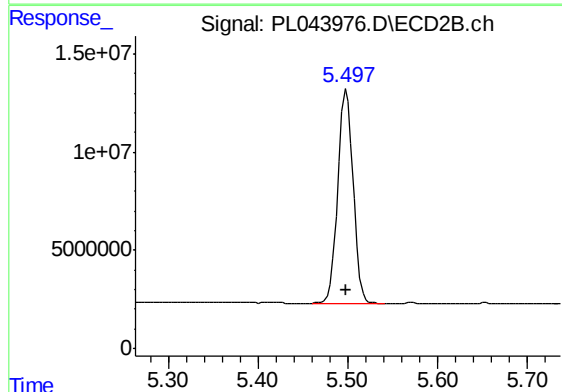
#5 Aldrin

R.T.: 4.818 min  
Delta R.T.: 0.031 min  
Response: 411618135  
Conc: 60.13 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
OK-01-011519-AMS

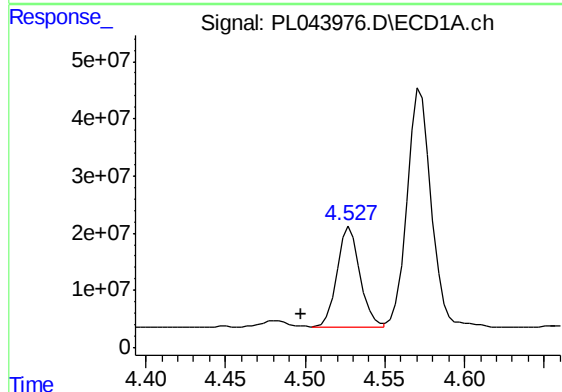
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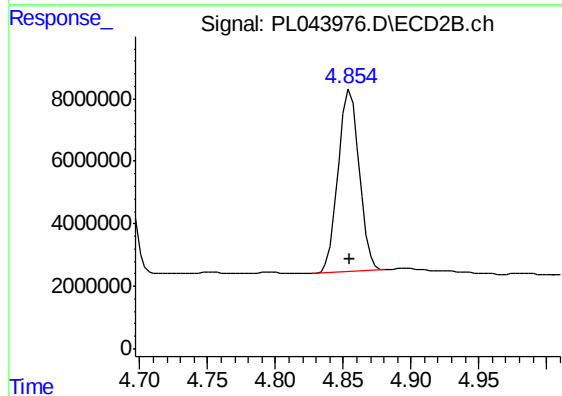
#5 Aldrin

R.T.: 5.499 min  
Delta R.T.: 0.000 min  
Response: 129334169  
Conc: 54.49 ng/ml



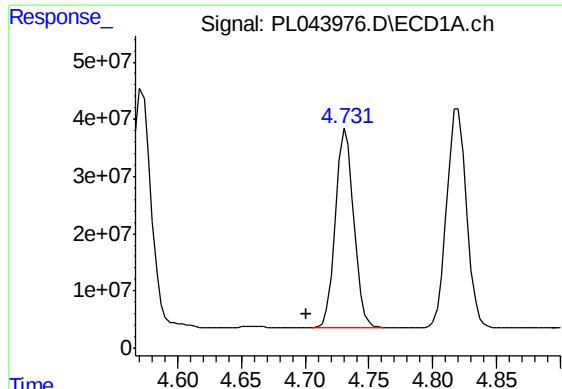
#6 beta-BHC

R.T.: 4.527 min  
Delta R.T.: 0.029 min  
Response: 175856387  
Conc: 59.07 ng/ml m



#6 beta-BHC

R.T.: 4.854 min  
Delta R.T.: 0.000 min  
Response: 62143794  
Conc: 56.05 ng/ml m



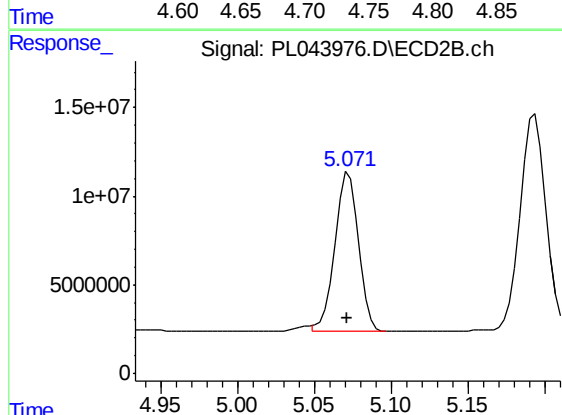
#7 delta-BHC

R.T.: 4.731 min  
Delta R.T.: 0.030 min  
Response: 344899272  
Conc: 53.56 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
OK-01-011519-AMS

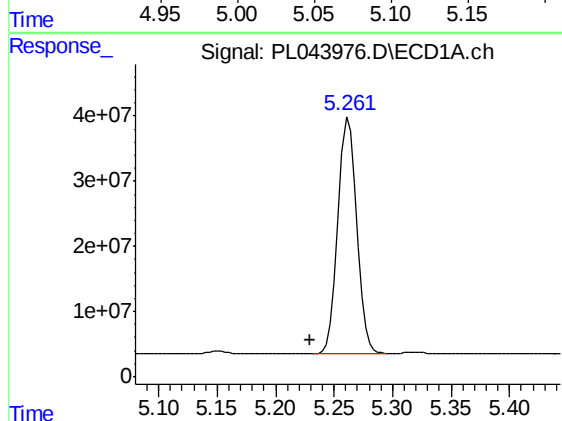
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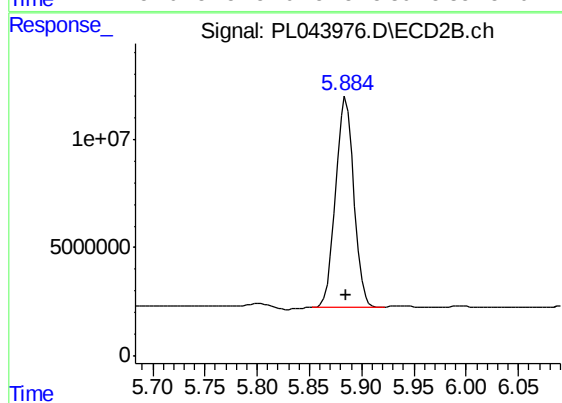
#7 delta-BHC

R.T.: 5.071 min  
Delta R.T.: 0.000 min  
Response: 95460657  
Conc: 48.60 ng/ml m



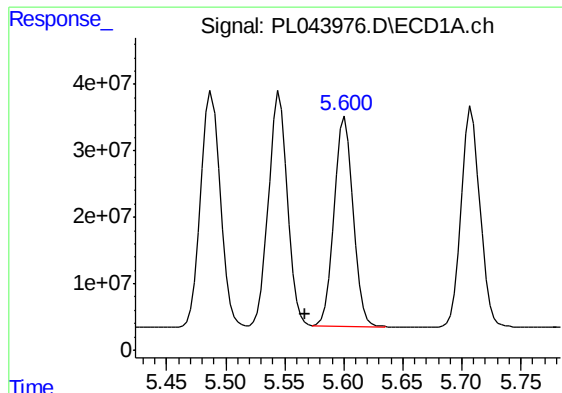
#8 Heptachlor epoxide

R.T.: 5.261 min  
Delta R.T.: 0.031 min  
Response: 393059527  
Conc: 61.81 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.885 min  
Delta R.T.: 0.000 min  
Response: 118169472  
Conc: 54.76 ng/ml



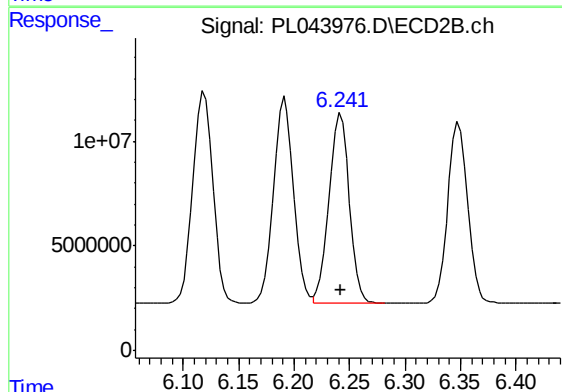
#9 Endosulfan I

R.T.: 5.600 min  
Delta R.T.: 0.032 min  
Response: 360593568  
Conc: 61.79 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
OK-01-011519-AMS

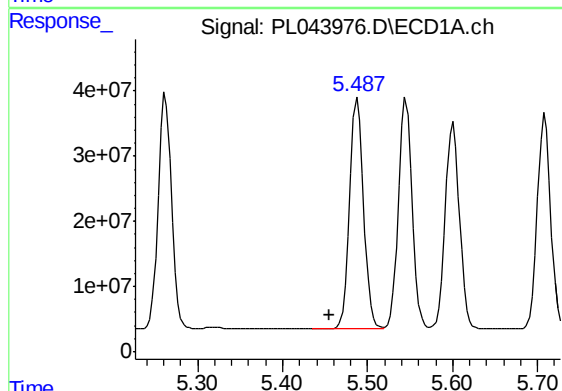
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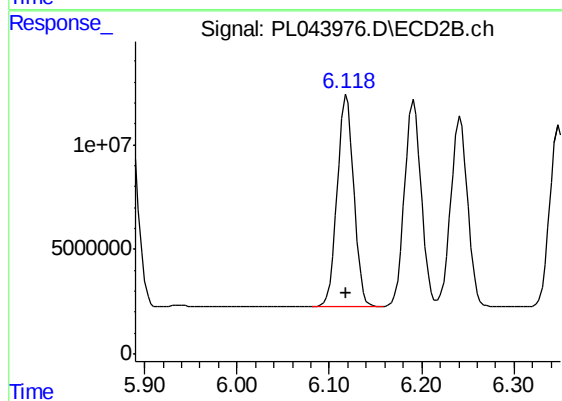
#9 Endosulfan I

R.T.: 6.242 min  
Delta R.T.: 0.000 min  
Response: 115024392  
Conc: 55.79 ng/ml



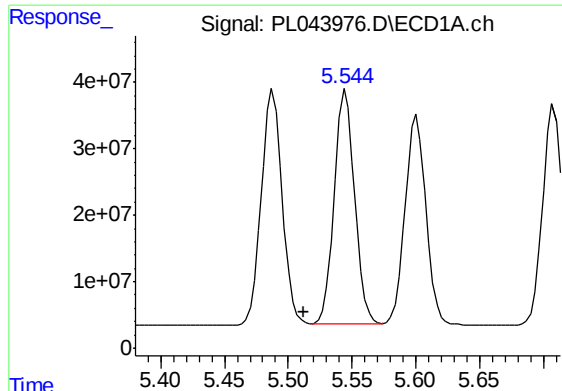
#10 gamma-Chlordane

R.T.: 5.488 min  
Delta R.T.: 0.033 min  
Response: 399172270  
Conc: 62.18 ng/ml



#10 gamma-Chlordane

R.T.: 6.119 min  
Delta R.T.: 0.000 min  
Response: 126273251  
Conc: 56.64 ng/ml



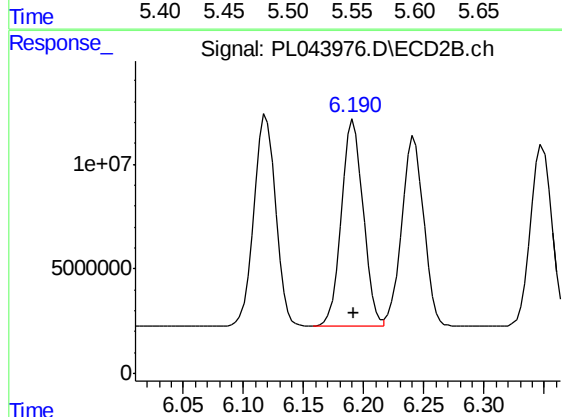
#11 alpha-Chlordane

R.T.: 5.544 min  
Delta R.T.: 0.031 min  
Response: 392673889  
Conc: 62.14 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
OK-01-011519-AMS

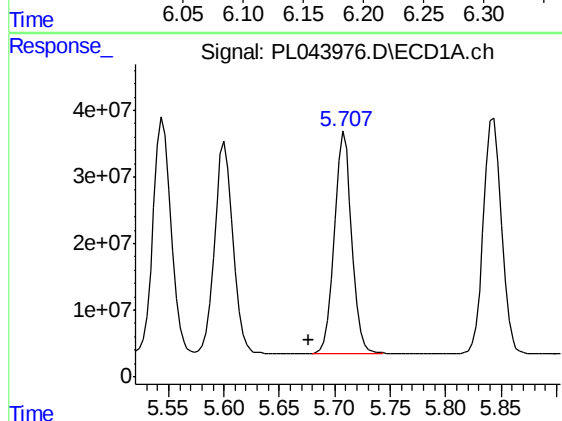
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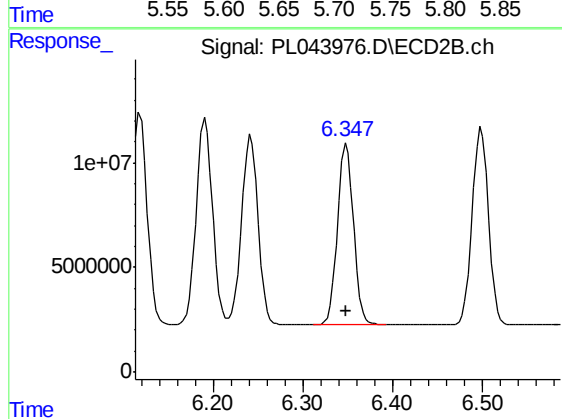
#11 alpha-Chlordane

R.T.: 6.192 min  
Delta R.T.: 0.000 min  
Response: 124697598  
Conc: 56.25 ng/ml



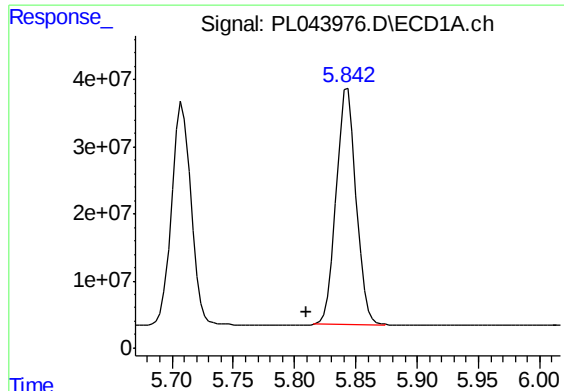
#12 4,4'-DDE

R.T.: 5.707 min  
Delta R.T.: 0.031 min  
Response: 361780824  
Conc: 66.77 ng/ml m



#12 4,4'-DDE

R.T.: 6.349 min  
Delta R.T.: 0.000 min  
Response: 107194654  
Conc: 58.30 ng/ml



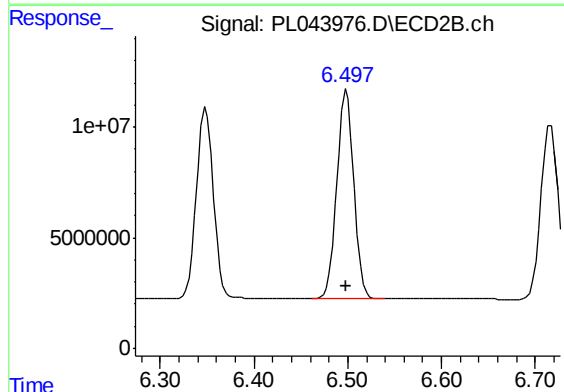
#13 Dieldrin

R.T.: 5.842 min  
Delta R.T.: 0.032 min  
Response: 396637970  
Conc: 63.67 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
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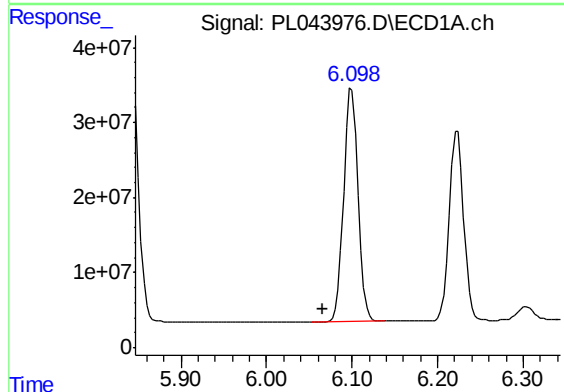
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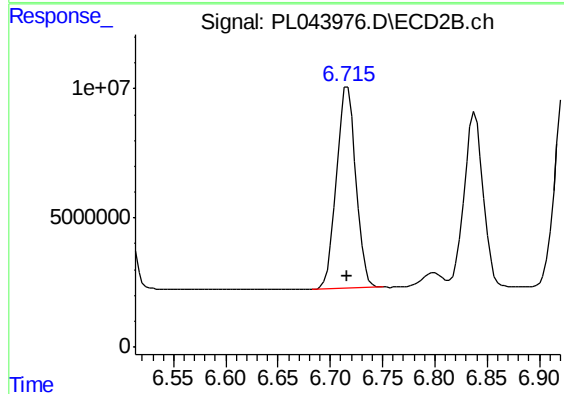
#13 Dieldrin

R.T.: 6.499 min  
Delta R.T.: 0.000 min  
Response: 119673224  
Conc: 56.10 ng/ml



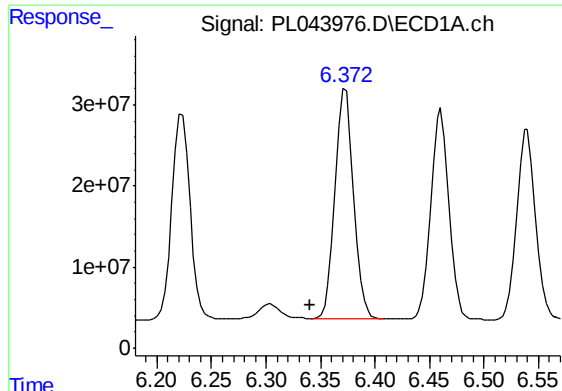
#14 Endrin

R.T.: 6.100 min  
Delta R.T.: 0.034 min  
Response: 359108139  
Conc: 66.20 ng/ml



#14 Endrin

R.T.: 6.716 min  
Delta R.T.: 0.000 min  
Response: 101774650  
Conc: 58.03 ng/ml



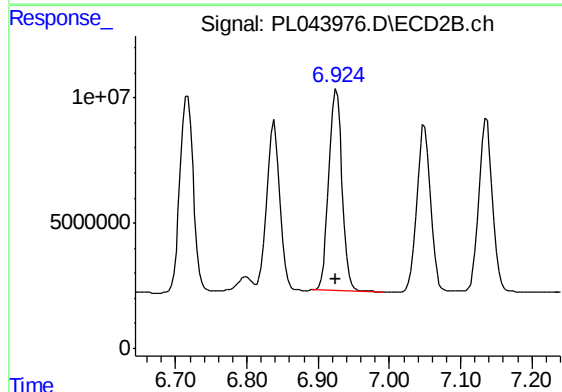
#15 Endosulfan II

R.T.: 6.372 min  
Delta R.T.: 0.031 min  
Response: 338653361  
Conc: 65.09 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
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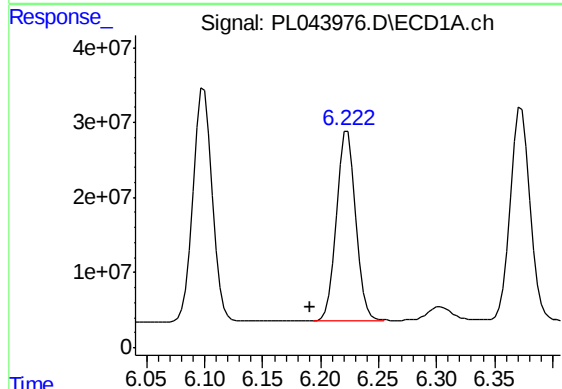
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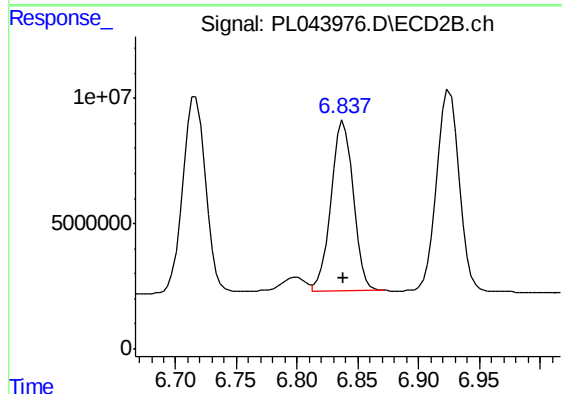
#15 Endosulfan II

R.T.: 6.926 min  
Delta R.T.: 0.000 min  
Response: 104138702  
Conc: 56.23 ng/ml



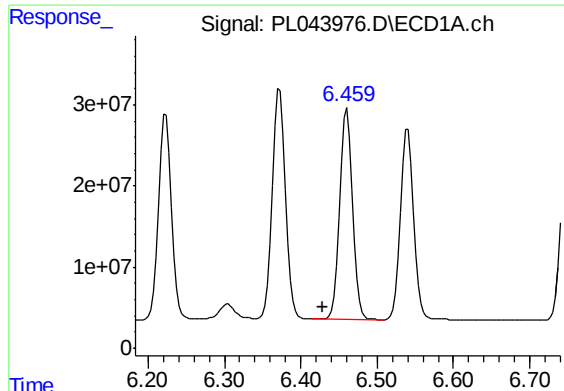
#16 4,4'-DDD

R.T.: 6.222 min  
Delta R.T.: 0.030 min  
Response: 292829685  
Conc: 67.69 ng/ml m



#16 4,4'-DDD

R.T.: 6.838 min  
Delta R.T.: 0.000 min  
Response: 86215545  
Conc: 57.06 ng/ml



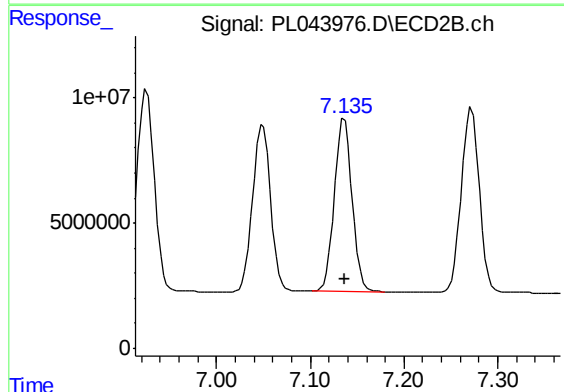
#17 4,4'-DDT

R.T.: 6.461 min  
Delta R.T.: 0.032 min  
Response: 301188122  
Conc: 66.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-01-011519-AMS

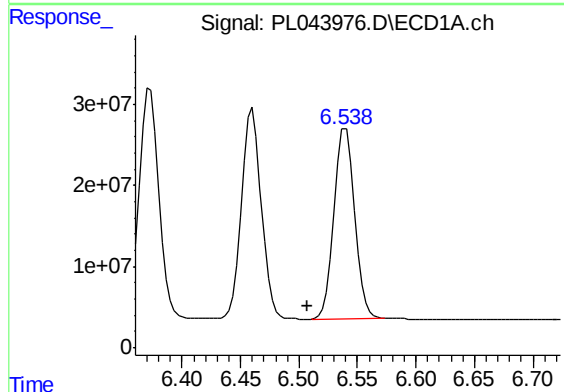
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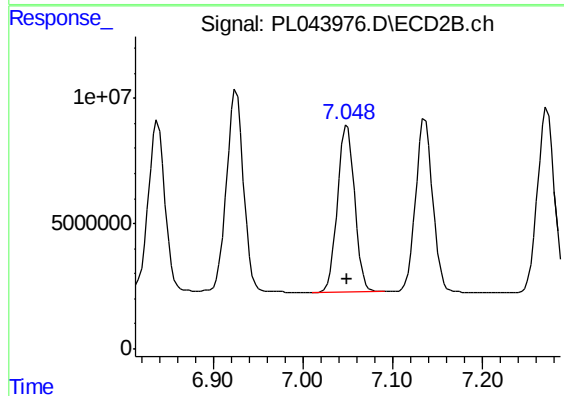
#17 4,4'-DDT

R.T.: 7.136 min  
Delta R.T.: 0.000 min  
Response: 90985210  
Conc: 55.17 ng/ml



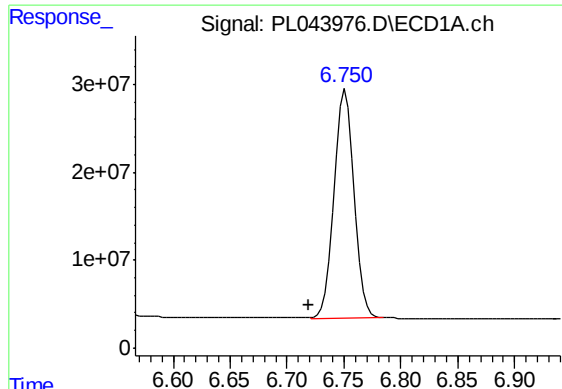
#18 Endrin aldehyde

R.T.: 6.538 min  
Delta R.T.: 0.031 min  
Response: 279352887  
Conc: 62.63 ng/ml m



#18 Endrin aldehyde

R.T.: 7.049 min  
Delta R.T.: 0.000 min  
Response: 88716837  
Conc: 55.98 ng/ml



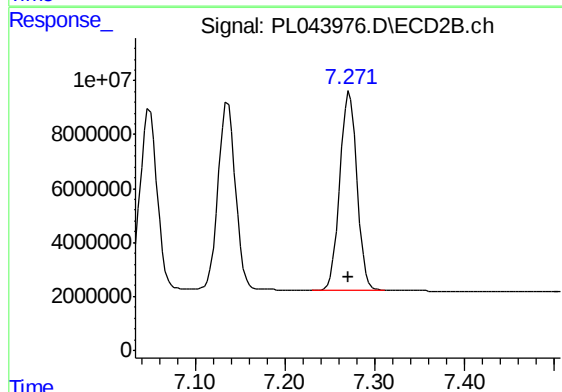
#19 Endosulfan Sulfate

R.T.: 6.750 min  
Delta R.T.: 0.031 min  
Response: 313206378  
Conc: 58.14 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
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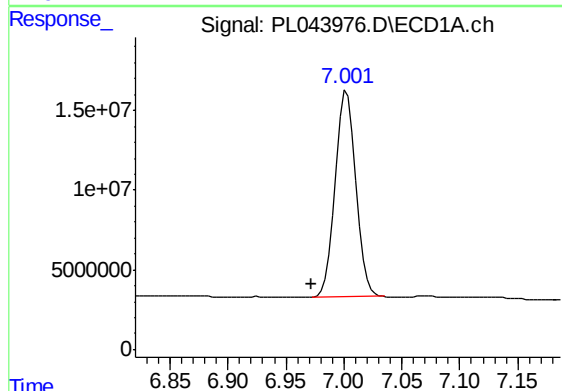
Manual Integrations  
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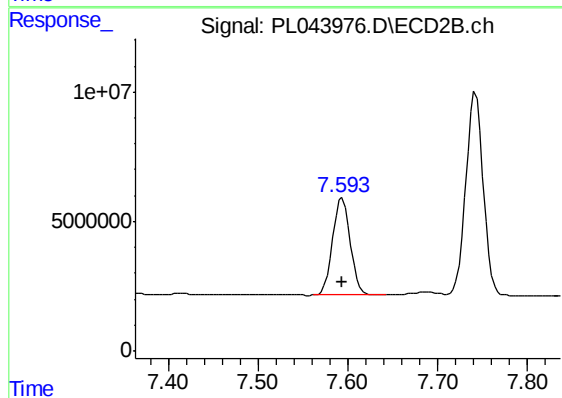
#19 Endosulfan Sulfate

R.T.: 7.272 min  
Delta R.T.: 0.000 min  
Response: 97576273  
Conc: 51.75 ng/ml



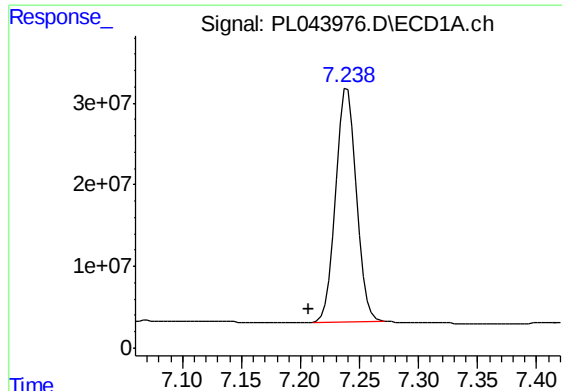
#20 Methoxychlor

R.T.: 7.001 min  
Delta R.T.: 0.029 min  
Response: 160898983  
Conc: 62.94 ng/ml m



#20 Methoxychlor

R.T.: 7.594 min  
Delta R.T.: 0.000 min  
Response: 51204662  
Conc: 58.01 ng/ml



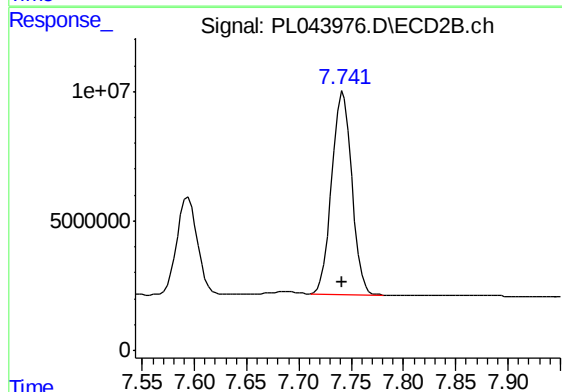
#21 Endrin ketone

R.T.: 7.238 min  
Delta R.T.: 0.031 min  
Response: 357929426  
Conc: 59.43 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
OK-01-011519-AMS

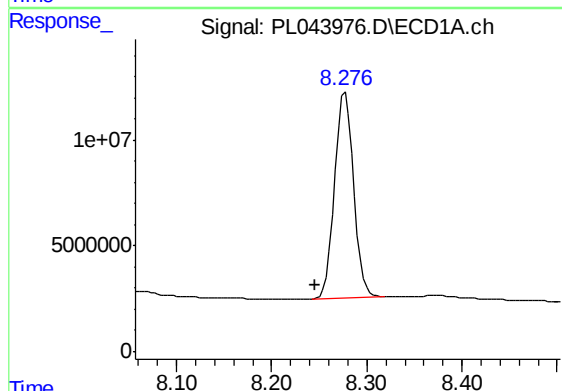
Manual Integrations  
APPROVED

Sohil  
1/17/2019 10:01:18 AM



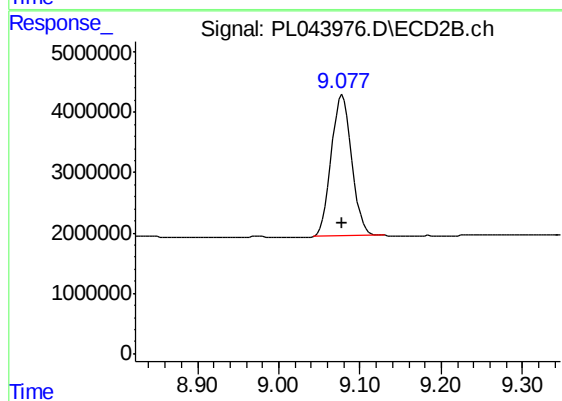
#21 Endrin ketone

R.T.: 7.742 min  
Delta R.T.: 0.000 min  
Response: 104994637  
Conc: 54.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.276 min  
Delta R.T.: 0.030 min  
Response: 135807981  
Conc: 24.03 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.078 min  
Delta R.T.: 0.000 min  
Response: 41148666  
Conc: 25.90 ng/ml