

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072319\  
 Data File : PL050736.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Jul 2019 19:51  
 Operator : SM\AJ  
 Sample : K3617-02MS  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 NB-07-071919-AMS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 24 01:14:43 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 19 01:19:13 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... | 3.318 | 3.930 | 201.2E6 | 57759837 | 20.020 | 20.244   |
| 28)                         | SA Decachlor... | 7.980 | 8.960 | 165.7E6 | 52231427 | 16.366 | 18.470   |
| Target Compounds            |                 |       |       |         |          |        |          |
| 2)                          | A alpha-BHC     | 3.745 | 4.318 | 907.4E6 | 234.4E6  | 54.146 | 56.812   |
| 3)                          | MA gamma-BHC... | 4.021 | 4.601 | 783.3E6 | 214.2E6  | 50.925 | 55.291   |
| 4)                          | MA Heptachlor   | 4.304 | 5.102 | 807.5E6 | 209.8E6  | 49.215 | 50.590   |
| 5)                          | MB Aldrin       | 4.542 | 5.404 | 722.8E6 | 195.9E6  | 46.656 | 51.975   |
| 6)                          | B beta-BHC      | 4.275 | 4.777 | 317.0E6 | 95197531 | 48.348 | 55.064   |
| 7)                          | B delta-BHC     | 4.468 | 4.990 | 710.5E6 | 180.9E6  | 43.297 | 46.774   |
| 8)                          | B Heptachlor... | 4.979 | 5.792 | 719.7E6 | 178.1E6  | 48.716 | 46.574   |
| 9)                          | A Endosulfan I  | 5.309 | 6.146 | 720.0E6 | 160.5E6  | 49.508 | 46.659   |
| 10)                         | B gamma-Chl...  | 5.201 | 6.026 | 816.9E6 | 178.8E6  | 51.755 | 48.385   |
| 11)                         | B alpha-Chl...  | 5.256 | 6.097 | 773.4E6 | 172.6E6  | 50.693 | 47.098   |
| 12)                         | B 4,4'-DDE      | 5.424 | 6.258 | 719.6E6 | 177.1E6  | 48.017 | 49.157   |
| 13)                         | MA Dieldrin     | 5.548 | 6.403 | 705.1E6 | 172.4E6  | 45.497 | 48.682   |
| 14)                         | MA Endrin       | 5.800 | 6.620 | 619.0E6 | 145.3E6  | 42.049 | 46.863   |
| 15)                         | B Endosulfa...  | 6.076 | 6.832 | 574.6E6 | 146.0E6  | 41.057 | 45.937   |
| 16)                         | A 4,4'-DDD      | 5.935 | 6.748 | 547.0E6 | 128.3E6  | 45.647 | 48.179   |
| 17)                         | MA 4,4'-DDT     | 6.169 | 7.045 | 471.0E6 | 117.9E6  | 38.029 | 43.662   |
| 18)                         | B Endrin al...  | 6.243 | 6.955 | 457.2E6 | 121.2E6  | 39.635 | 44.586m  |
| 19)                         | B Endosulfa...  | 6.453 | 7.179 | 532.3E6 | 134.9E6  | 41.782 | 46.698   |
| 20)                         | A Methoxychlor  | 6.714 | 7.506 | 234.8E6 | 65588466 | 37.642 | 44.701   |
| 21)                         | B Endrin ke...  | 6.935 | 7.648 | 547.8E6 | 142.3E6  | 40.049 | 49.204   |
| 22)                         | Mirex           | 7.109 | 8.096 | 355.9E6 | 107.5E6  | 36.299 | 46.779 # |
| -----                       |                 |       |       |         |          |        |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072319\  
Data File : PL050736.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Jul 2019 19:51  
Operator : SM\AJ  
Sample : K3617-02MS  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

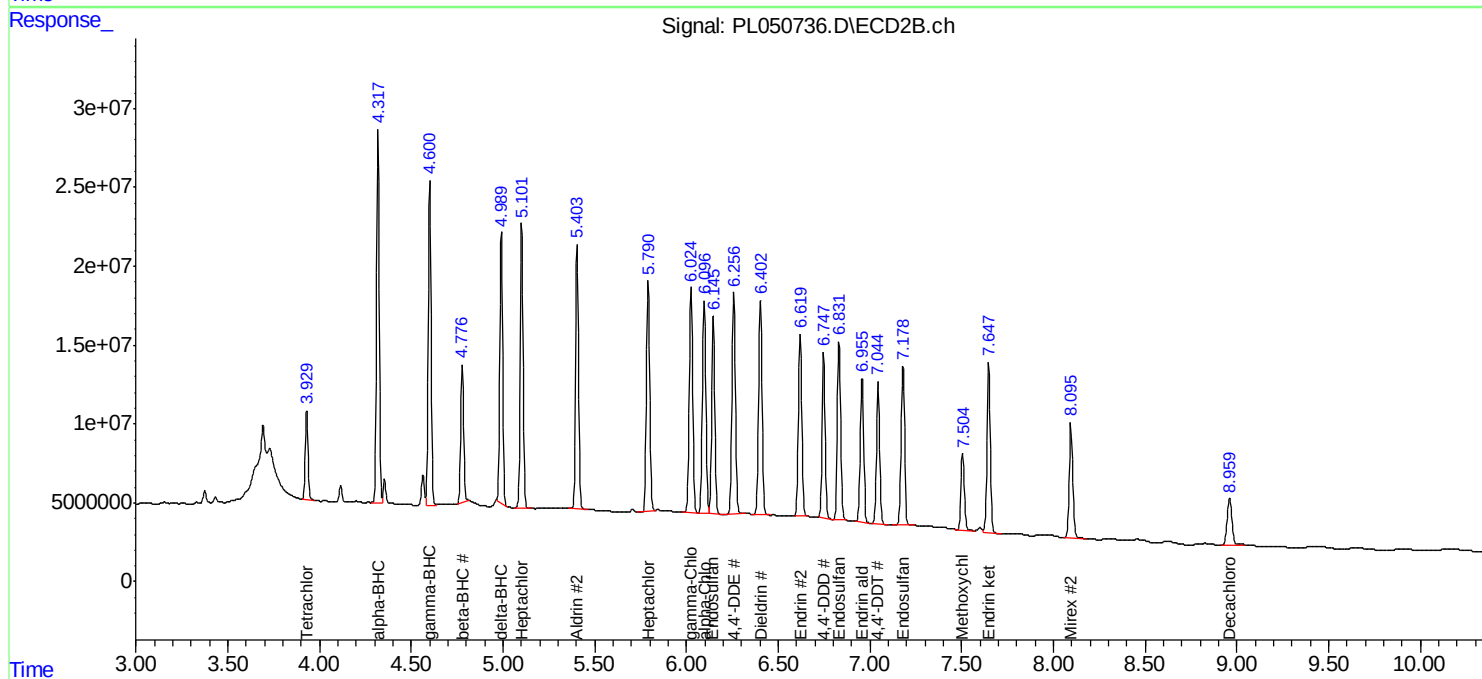
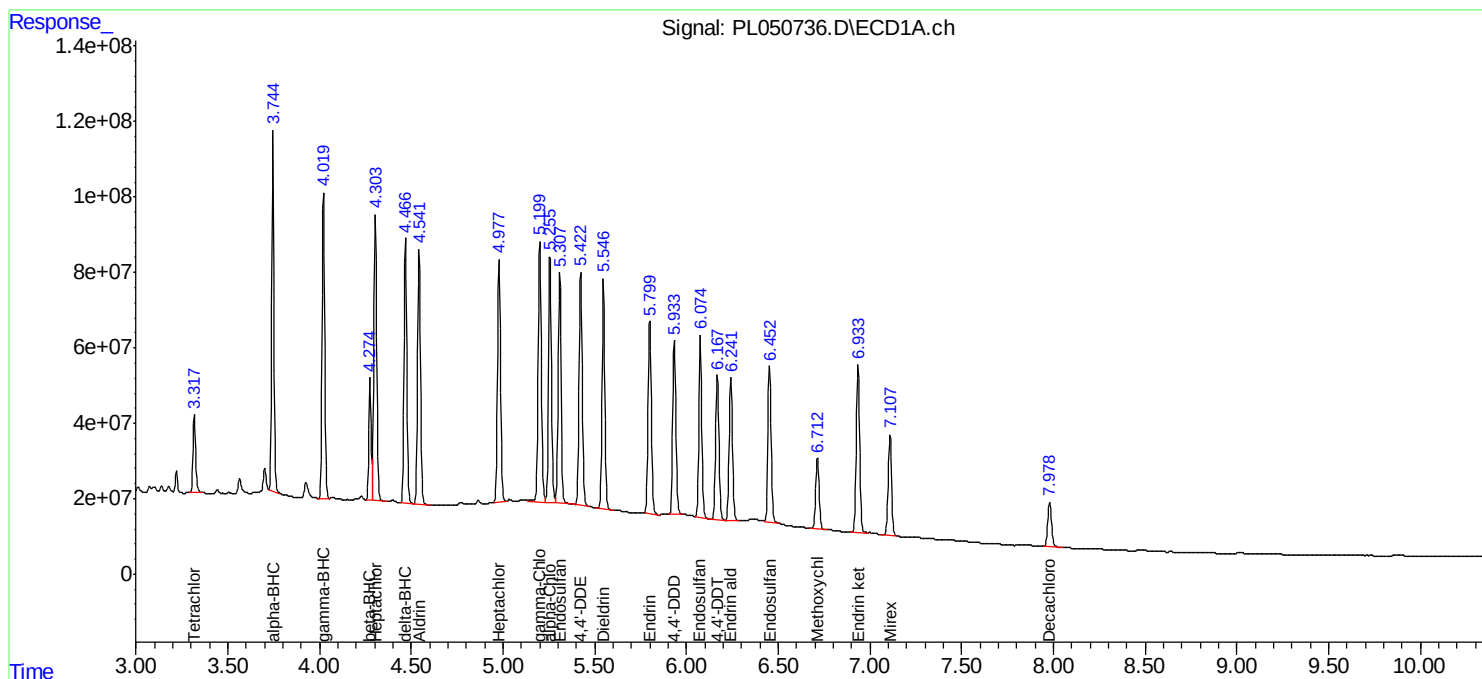
Instrument :  
ECD\_L  
ClientSampled :  
NB-07-071919-AMS

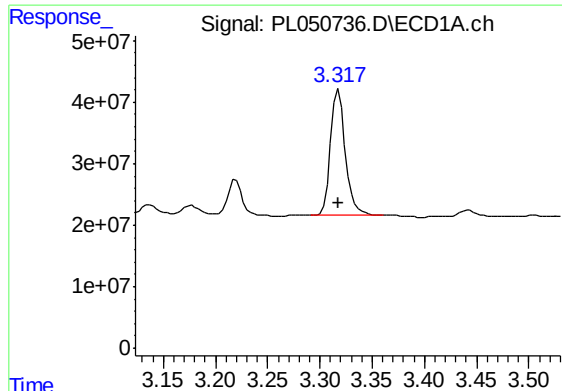
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 24 01:14:43 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 19 01:19:13 2019  
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





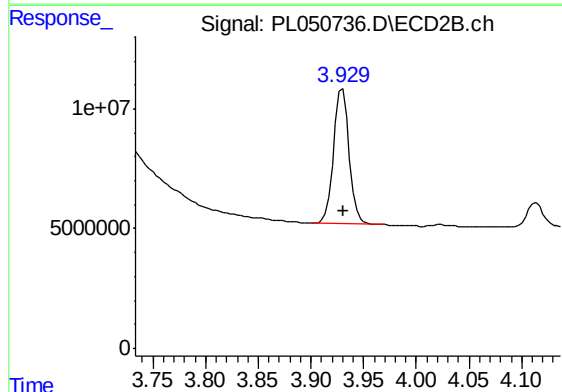
#1 Tetrachloro-m-xylene

R.T.: 3.318 min  
Delta R.T.: 0.000 min  
Response: 201162668  
Conc: 20.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NB-07-071919-AMS

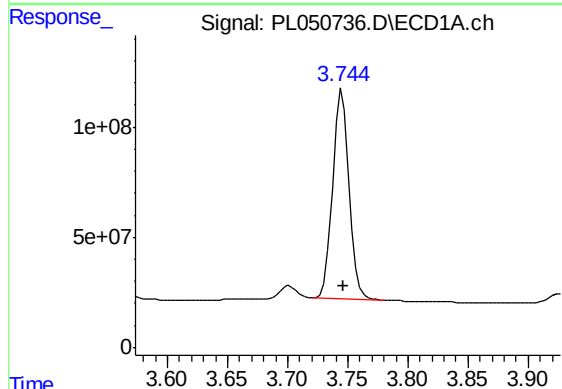
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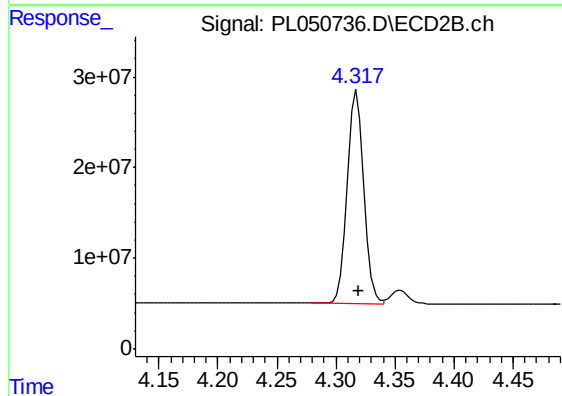
#1 Tetrachloro-m-xylene

R.T.: 3.930 min  
Delta R.T.: 0.000 min  
Response: 57759837  
Conc: 20.24 ng/ml



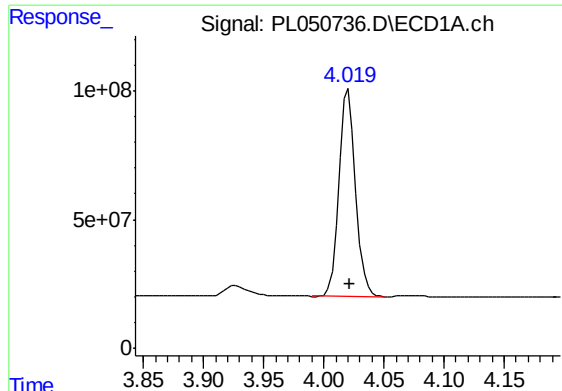
#2 alpha-BHC

R.T.: 3.745 min  
Delta R.T.: 0.000 min  
Response: 907370508  
Conc: 54.15 ng/ml



#2 alpha-BHC

R.T.: 4.318 min  
Delta R.T.: 0.000 min  
Response: 234405642  
Conc: 56.81 ng/ml



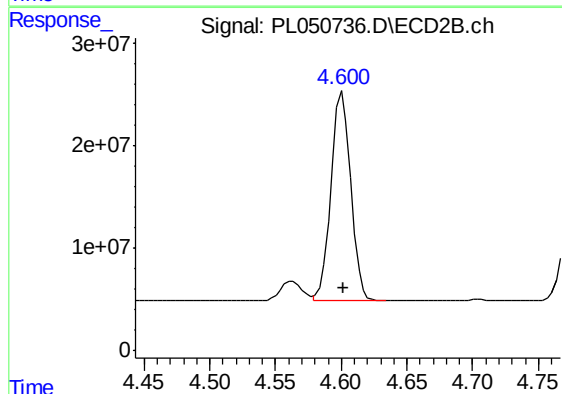
#3 gamma-BHC (Lindane)

R.T.: 4.021 min  
Delta R.T.: 0.000 min  
Response: 783309724  
Conc: 50.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NB-07-071919-AMS

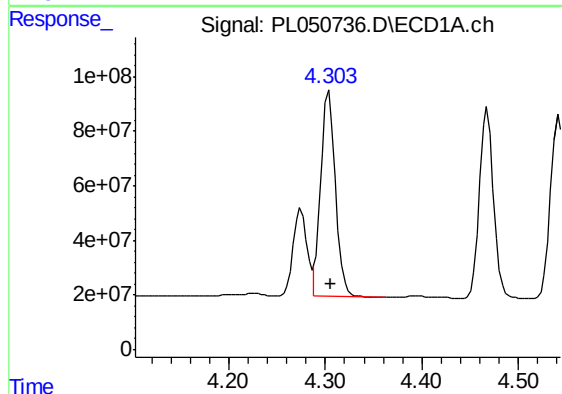
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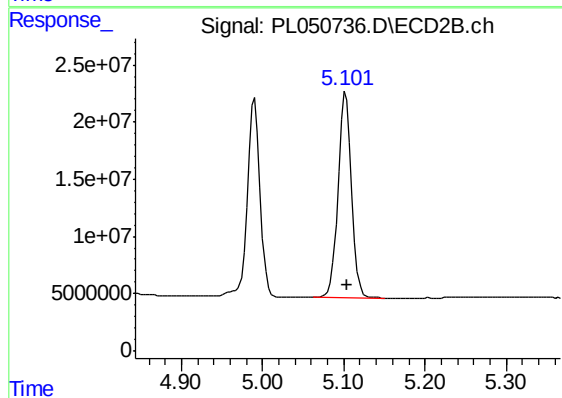
#3 gamma-BHC (Lindane)

R.T.: 4.601 min  
Delta R.T.: 0.000 min  
Response: 214151913  
Conc: 55.29 ng/ml



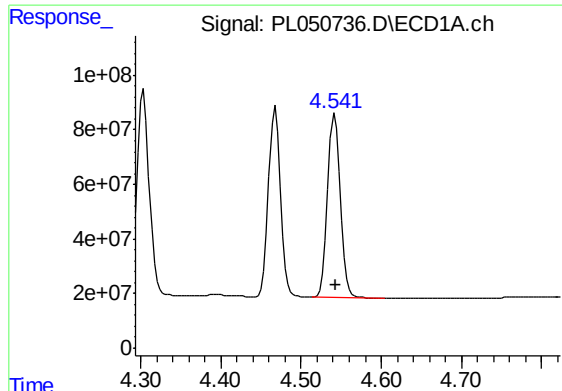
#4 Heptachlor

R.T.: 4.304 min  
Delta R.T.: -0.001 min  
Response: 807515753  
Conc: 49.22 ng/ml



#4 Heptachlor

R.T.: 5.102 min  
Delta R.T.: -0.001 min  
Response: 209781497  
Conc: 50.59 ng/ml



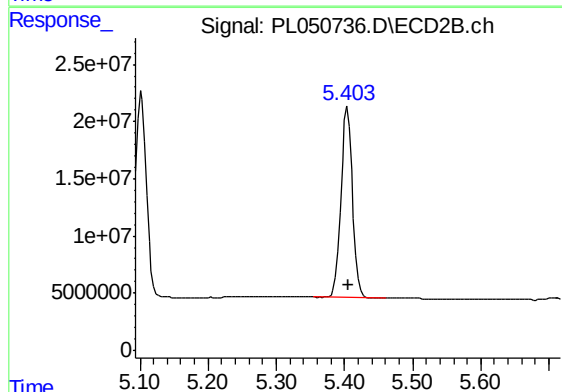
#5 Aldrin

R.T.: 4.542 min  
Delta R.T.: -0.001 min  
Response: 722772148  
Conc: 46.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NB-07-071919-AMS

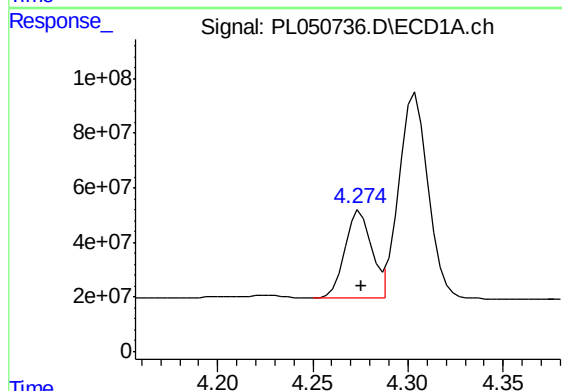
Manual Integrations  
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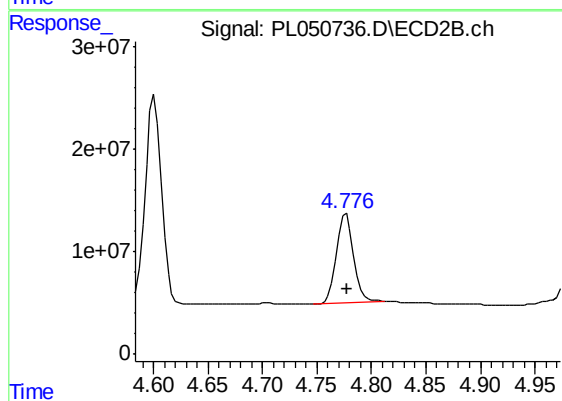
#5 Aldrin

R.T.: 5.404 min  
Delta R.T.: 0.000 min  
Response: 195857776  
Conc: 51.97 ng/ml



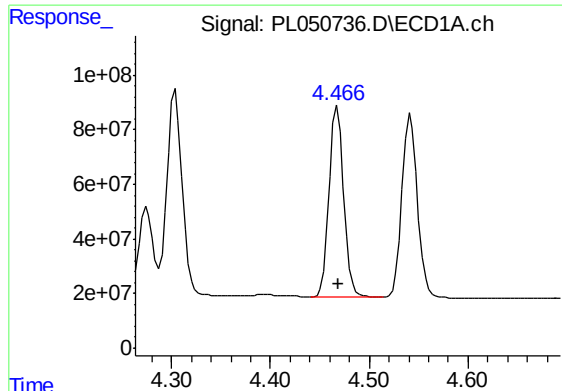
#6 beta-BHC

R.T.: 4.275 min  
Delta R.T.: 0.000 min  
Response: 316959296  
Conc: 48.35 ng/ml



#6 beta-BHC

R.T.: 4.777 min  
Delta R.T.: -0.001 min  
Response: 95197531  
Conc: 55.06 ng/ml



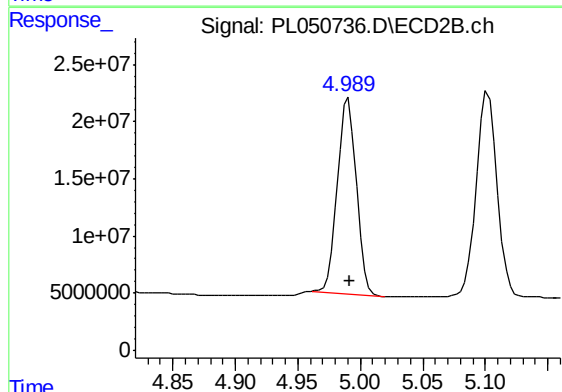
#7 delta-BHC

R.T.: 4.468 min  
Delta R.T.: -0.001 min  
Response: 710454865  
Conc: 43.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NB-07-071919-AMS

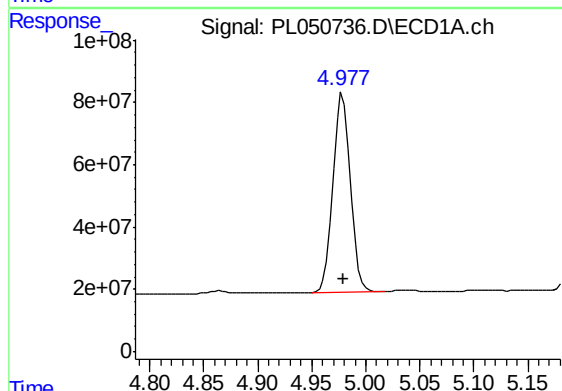
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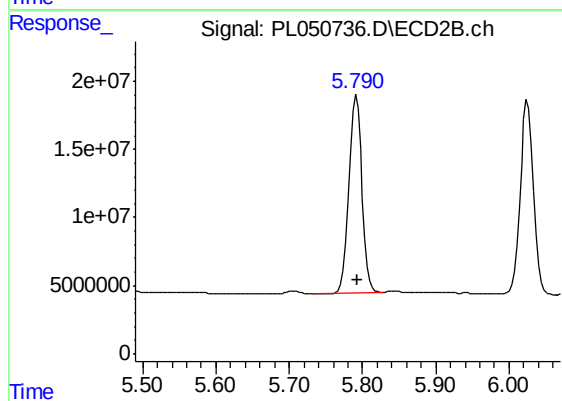
#7 delta-BHC

R.T.: 4.990 min  
Delta R.T.: -0.001 min  
Response: 180903163  
Conc: 46.77 ng/ml



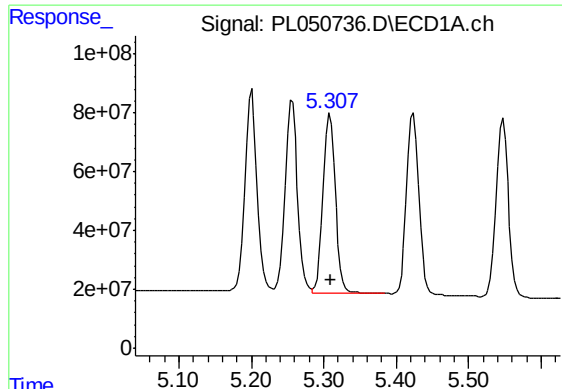
#8 Heptachlor epoxide

R.T.: 4.979 min  
Delta R.T.: 0.000 min  
Response: 719716579  
Conc: 48.72 ng/ml



#8 Heptachlor epoxide

R.T.: 5.792 min  
Delta R.T.: 0.000 min  
Response: 178135849  
Conc: 46.57 ng/ml



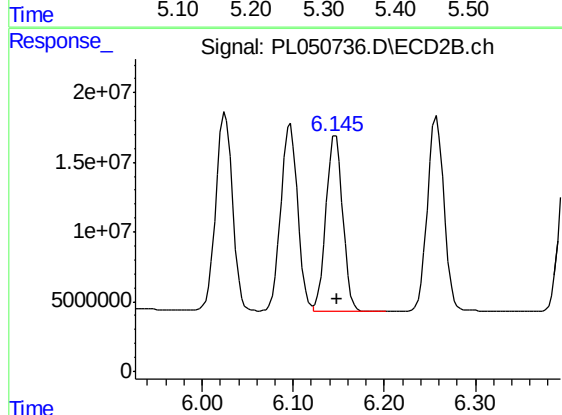
#9 Endosulfan I

R.T.: 5.309 min  
Delta R.T.: -0.001 min  
Response: 720035464  
Conc: 49.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NB-07-071919-AMS

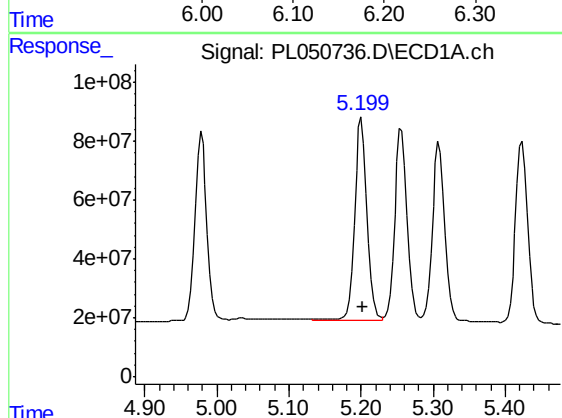
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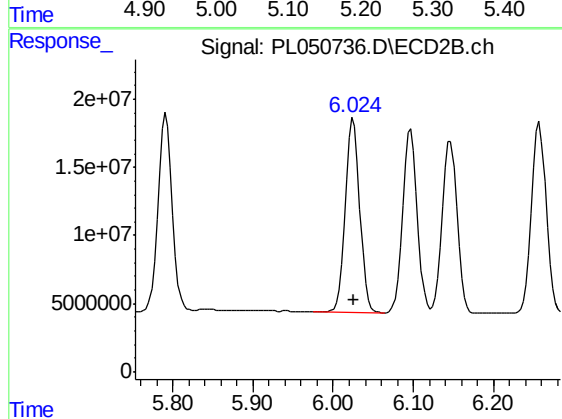
#9 Endosulfan I

R.T.: 6.146 min  
Delta R.T.: -0.001 min  
Response: 160455286  
Conc: 46.66 ng/ml



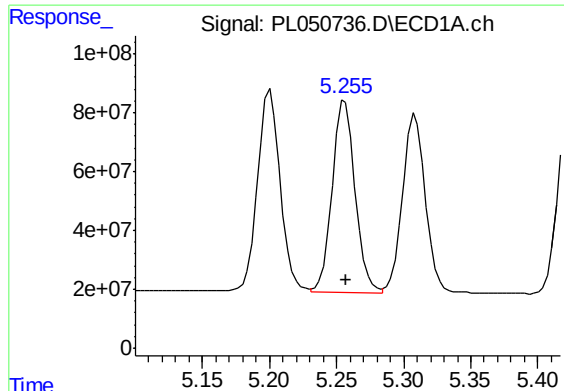
#10 gamma-Chlordane

R.T.: 5.201 min  
Delta R.T.: 0.000 min  
Response: 816864010  
Conc: 51.76 ng/ml



#10 gamma-Chlordane

R.T.: 6.026 min  
Delta R.T.: 0.000 min  
Response: 178794897  
Conc: 48.38 ng/ml



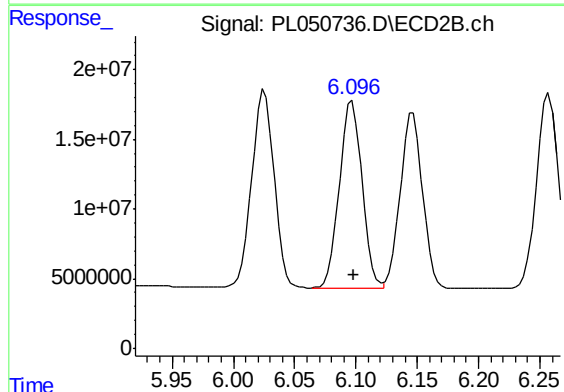
#11 alpha-Chlordane

R.T.: 5.256 min  
Delta R.T.: -0.001 min  
Response: 773368314  
Conc: 50.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NB-07-071919-AMS

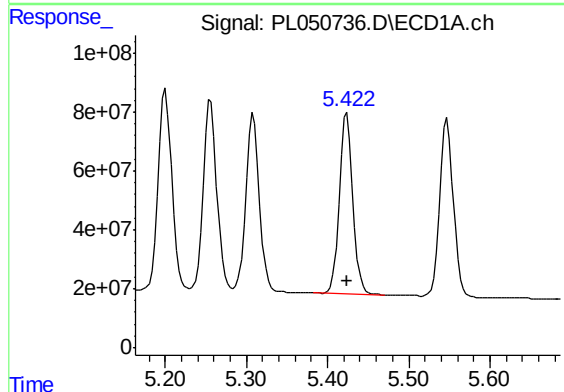
Manual Integrations  
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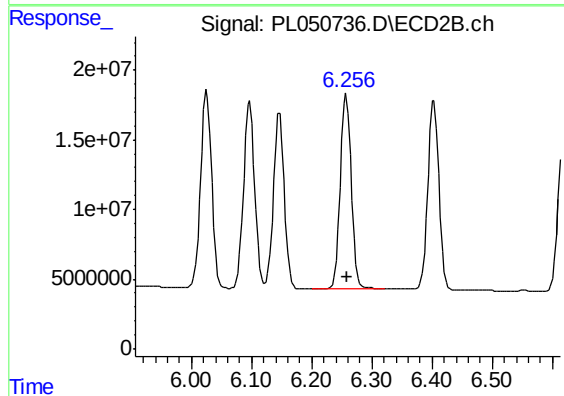
#11 alpha-Chlordane

R.T.: 6.097 min  
Delta R.T.: 0.000 min  
Response: 172619783  
Conc: 47.10 ng/ml



#12 4,4'-DDE

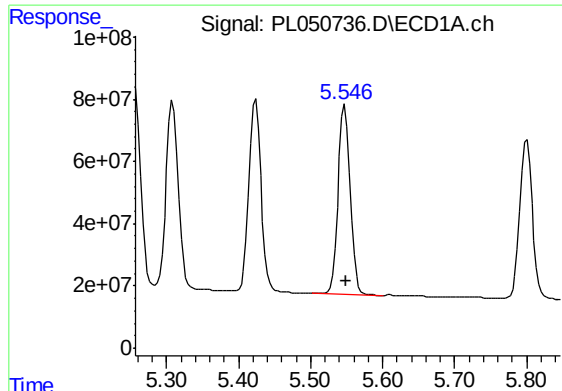
R.T.: 5.424 min  
Delta R.T.: -0.001 min  
Response: 719570876  
Conc: 48.02 ng/ml



#12 4,4'-DDE

R.T.: 6.258 min  
Delta R.T.: 0.000 min  
Response: 177131666  
Conc: 49.16 ng/ml





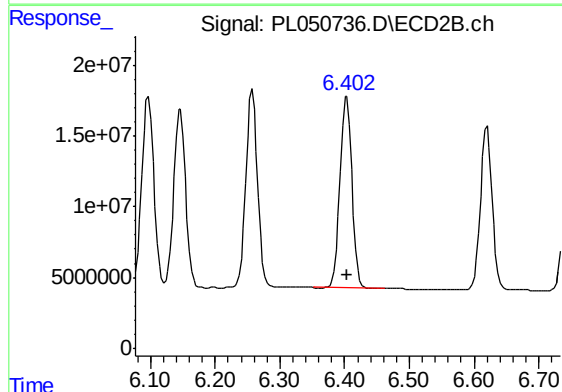
#13 Dielldrin

R.T.: 5.548 min  
Delta R.T.: 0.000 min  
Response: 705050004  
Conc: 45.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NB-07-071919-AMS

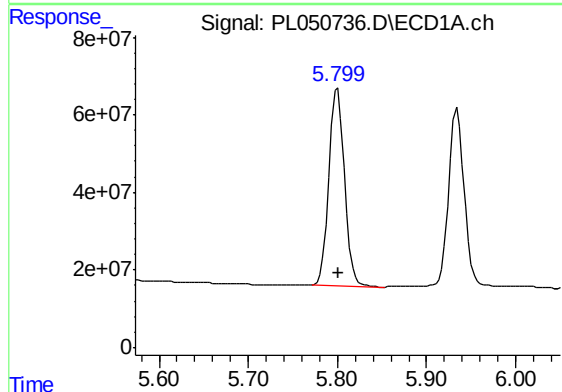
Manual Integrations  
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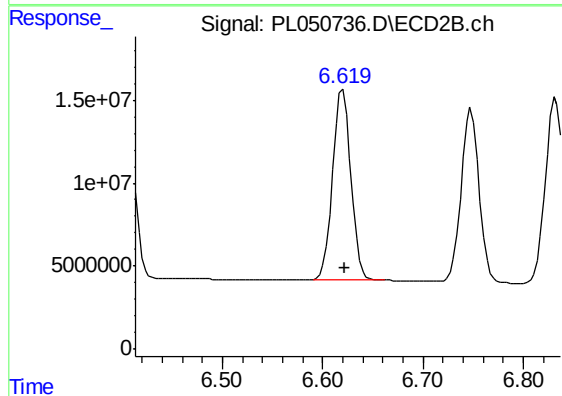
#13 Dielldrin

R.T.: 6.403 min  
Delta R.T.: 0.000 min  
Response: 172389743  
Conc: 48.68 ng/ml



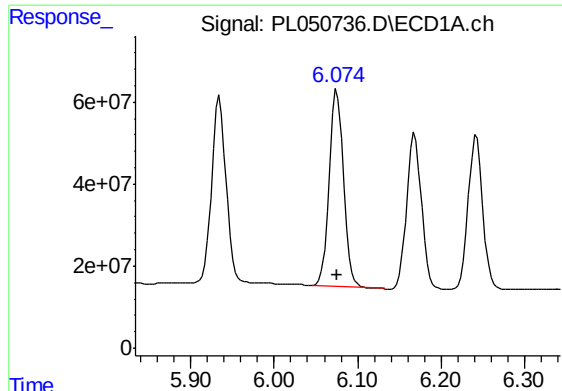
#14 Endrin

R.T.: 5.800 min  
Delta R.T.: -0.001 min  
Response: 618984022  
Conc: 42.05 ng/ml



#14 Endrin

R.T.: 6.620 min  
Delta R.T.: -0.001 min  
Response: 145342372  
Conc: 46.86 ng/ml



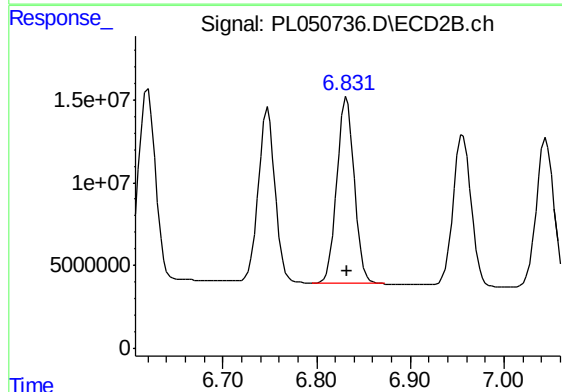
#15 Endosulfan II

R.T.: 6.076 min  
Delta R.T.: 0.000 min  
Response: 574584294  
Conc: 41.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NB-07-071919-AMS

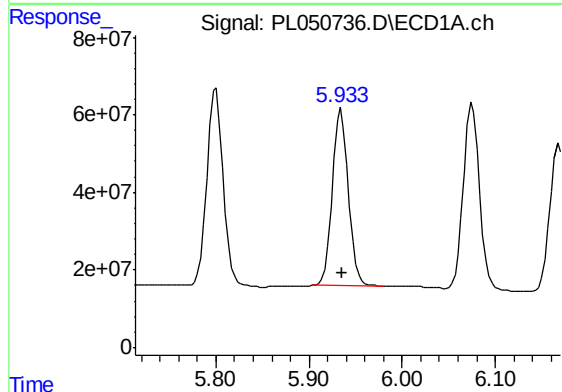
Manual Integrations  
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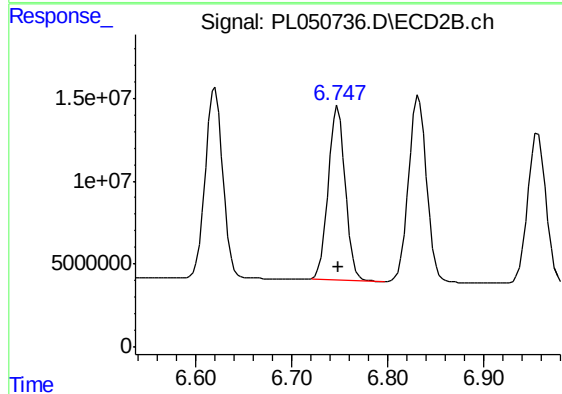
#15 Endosulfan II

R.T.: 6.832 min  
Delta R.T.: 0.000 min  
Response: 146041775  
Conc: 45.94 ng/ml



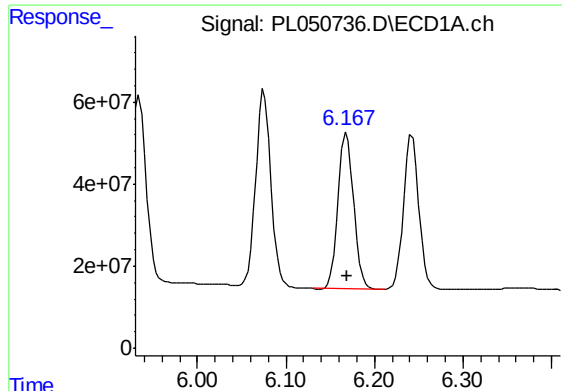
#16 4,4'-DDD

R.T.: 5.935 min  
Delta R.T.: 0.000 min  
Response: 547025402  
Conc: 45.65 ng/ml



#16 4,4'-DDD

R.T.: 6.748 min  
Delta R.T.: 0.000 min  
Response: 128294167  
Conc: 48.18 ng/ml



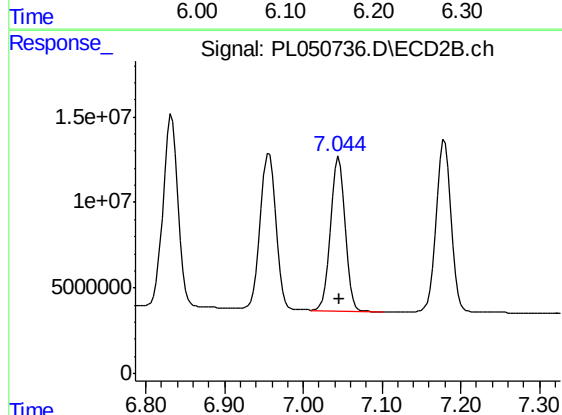
#17 4,4'-DDT

R.T.: 6.169 min  
Delta R.T.: 0.000 min  
Response: 471012854  
Conc: 38.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NB-07-071919-AMS

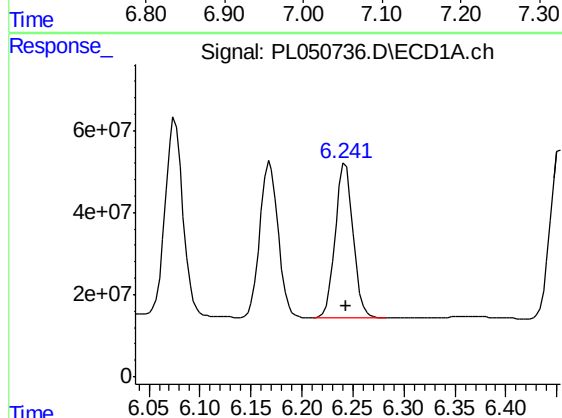
Manual Integrations  
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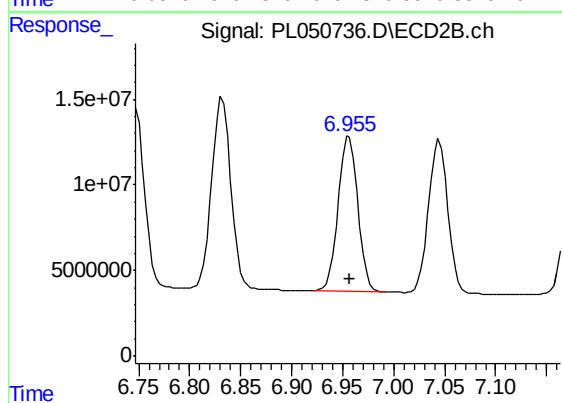
#17 4,4'-DDT

R.T.: 7.045 min  
Delta R.T.: 0.000 min  
Response: 117869067  
Conc: 43.66 ng/ml



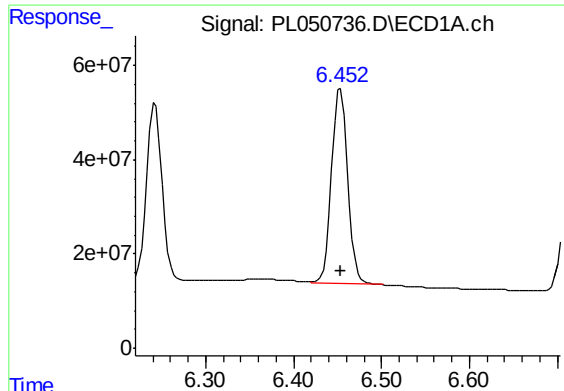
#18 Endrin aldehyde

R.T.: 6.243 min  
Delta R.T.: 0.000 min  
Response: 457239105  
Conc: 39.63 ng/ml



#18 Endrin aldehyde

R.T.: 6.955 min  
Delta R.T.: -0.002 min  
Response: 121166780  
Conc: 44.59 ng/ml m



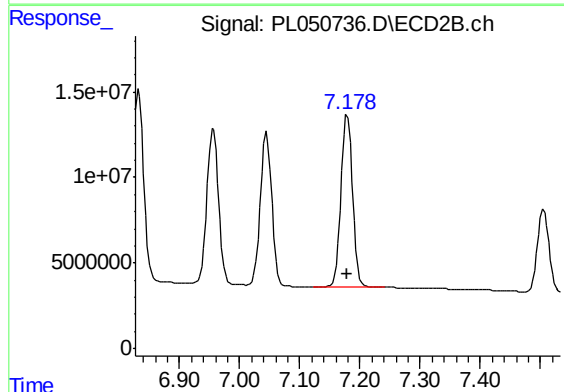
#19 Endosulfan Sulfate

R.T.: 6.453 min  
Delta R.T.: 0.000 min  
Response: 532284282  
Conc: 41.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NB-07-071919-AMS

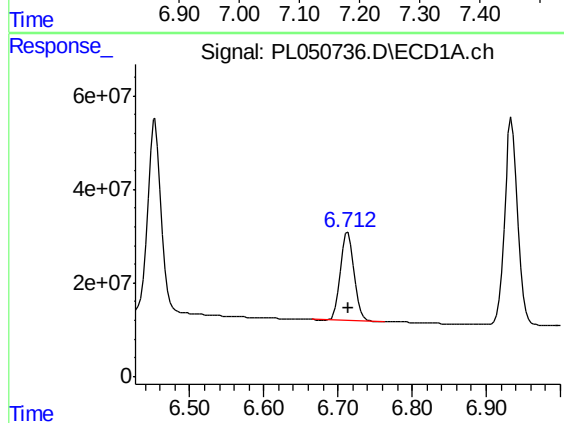
Manual Integrations  
APPROVED

Ankita  
7/24/2019 11:06:45 AM



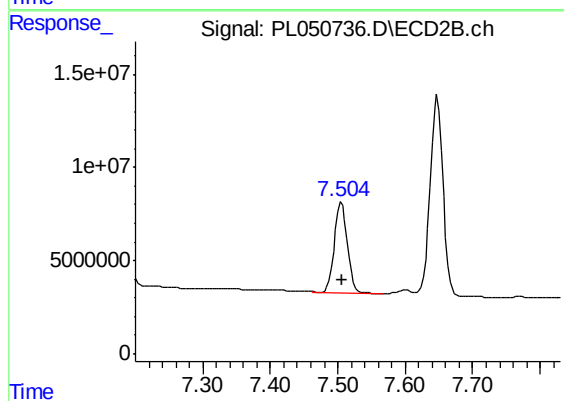
#19 Endosulfan Sulfate

R.T.: 7.179 min  
Delta R.T.: 0.000 min  
Response: 134874486  
Conc: 46.70 ng/ml



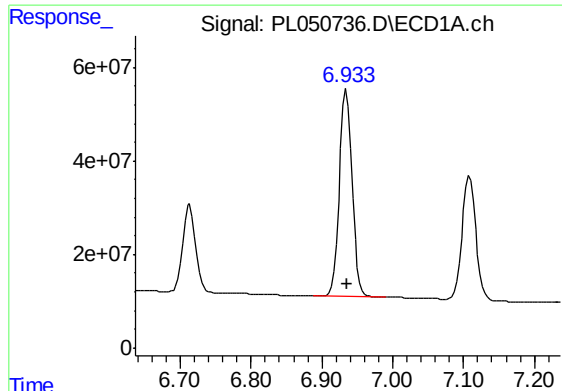
#20 Methoxychlor

R.T.: 6.714 min  
Delta R.T.: 0.000 min  
Response: 234843751  
Conc: 37.64 ng/ml



#20 Methoxychlor

R.T.: 7.506 min  
Delta R.T.: -0.001 min  
Response: 65588466  
Conc: 44.70 ng/ml



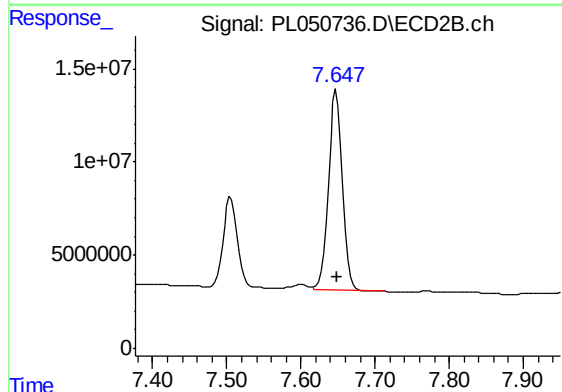
#21 Endrin ketone

R.T.: 6.935 min  
Delta R.T.: 0.000 min  
Response: 547762199  
Conc: 40.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NB-07-071919-AMS

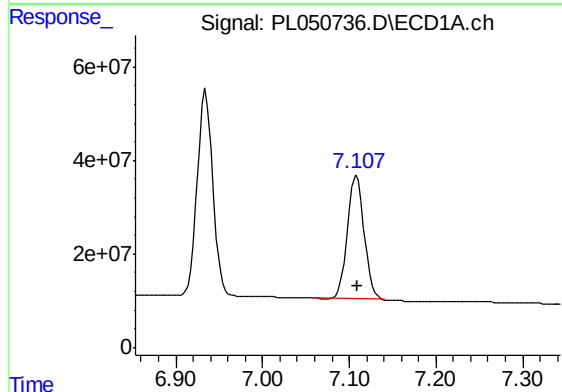
Manual Integrations  
APPROVED

Ankita  
7/24/2019 11:06:45 AM



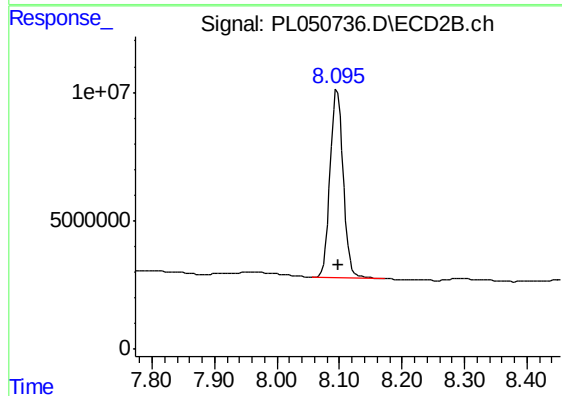
#21 Endrin ketone

R.T.: 7.648 min  
Delta R.T.: 0.000 min  
Response: 142263848  
Conc: 49.20 ng/ml



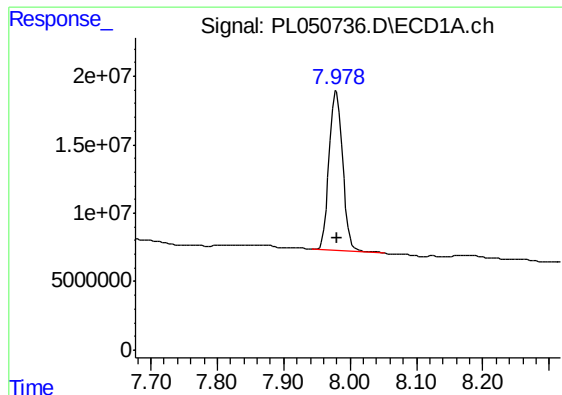
#22 Mirex

R.T.: 7.109 min  
Delta R.T.: 0.000 min  
Response: 355886307  
Conc: 36.30 ng/ml



#22 Mirex

R.T.: 8.096 min  
Delta R.T.: -0.001 min  
Response: 107451158  
Conc: 46.78 ng/ml



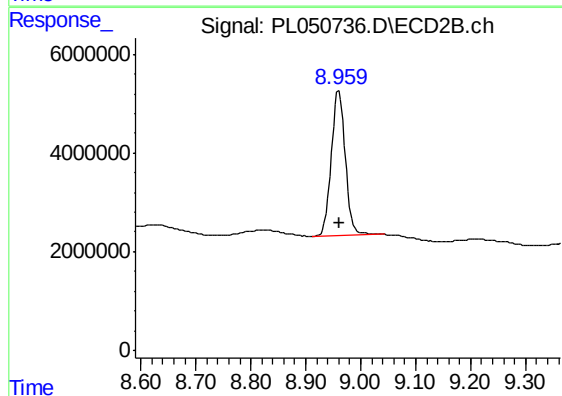
#28 Decachlorobiphenyl

R.T.: 7.980 min  
Delta R.T.: 0.000 min  
Response: 165708478  
Conc: 16.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NB-07-071919-AMS

Manual Integrations  
APPROVED

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7/24/2019 11:06:45 AM



#28 Decachlorobiphenyl

R.T.: 8.960 min  
Delta R.T.: -0.001 min  
Response: 52231427  
Conc: 18.47 ng/ml