

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082818\  
 Data File : PL039576.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Aug 2018 19:06  
 Operator : AJ\SJ  
 Sample : J4274-06MSD  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 HD-01-082718MSD

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 29 01:59:06 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081318.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 15 15:04:22 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... | 3.303 | 3.906 | 163.8E6 | 66450161 | 23.437 | 24.787  |
| 28)                         | SA Decachlor... | 7.958 | 8.893 | 161.1E6 | 60974388 | 22.935 | 26.275  |
| Target Compounds            |                 |       |       |         |          |        |         |
| 2)                          | A alpha-BHC     | 3.731 | 4.284 | 675.7E6 | 285.8E6  | 57.168 | 67.881  |
| 3)                          | MA gamma-BHC... | 4.006 | 4.561 | 603.5E6 | 255.9E6  | 56.901 | 63.553m |
| 4)                          | MA Heptachlor   | 4.288 | 5.069 | 580.5E6 | 245.1E6  | 55.140 | 68.541  |
| 5)                          | MB Aldrin       | 4.525 | 5.370 | 578.2E6 | 230.7E6  | 57.731 | 65.163  |
| 6)                          | B beta-BHC      | 4.261 | 4.725 | 257.8E6 | 104.3E6  | 55.494 | 59.573  |
| 7)                          | B delta-BHC     | 4.453 | 4.937 | 616.2E6 | 256.7E6  | 56.771 | 64.472  |
| 8)                          | B Heptachlo...  | 4.961 | 5.749 | 539.7E6 | 210.5E6  | 56.515 | 62.589  |
| 9)                          | A Endosulfan I  | 5.290 | 6.100 | 482.9E6 | 182.9E6  | 55.145 | 62.354  |
| 10)                         | B gamma-Chl...  | 5.183 | 5.981 | 559.1E6 | 202.2E6  | 56.604 | 62.486  |
| 11)                         | B alpha-Chl...  | 5.238 | 6.054 | 532.7E6 | 203.1E6  | 55.443 | 62.790  |
| 12)                         | B 4,4'-DDE      | 5.407 | 6.210 | 537.2E6 | 191.1E6  | 56.099 | 61.797  |
| 13)                         | MA Dieldrin     | 5.529 | 6.354 | 563.0E6 | 193.0E6  | 57.735 | 63.707  |
| 14)                         | MA Endrin       | 5.781 | 6.568 | 512.0E6 | 161.2E6  | 57.200 | 62.678  |
| 15)                         | B Endosulfa...  | 6.056 | 6.771 | 488.1E6 | 159.4E6  | 56.130 | 62.056  |
| 16)                         | A 4,4'-DDD      | 5.917 | 6.691 | 437.2E6 | 145.8E6  | 54.860 | 65.105  |
| 17)                         | MA 4,4'-DDT     | 6.150 | 6.989 | 409.3E6 | 137.6E6  | 54.000 | 58.450  |
| 18)                         | B Endrin al...  | 6.224 | 6.893 | 366.2E6 | 133.2E6  | 54.033 | 61.358  |
| 19)                         | B Endosulfa...  | 6.434 | 7.116 | 441.4E6 | 144.9E6  | 54.247 | 60.433  |
| 20)                         | A Methoxychlor  | 6.698 | 7.445 | 219.9E6 | 72869256 | 53.739 | 58.835  |
| 21)                         | B Endrin ke...  | 6.916 | 7.578 | 466.5E6 | 149.1E6  | 54.200 | 60.324  |
| -----                       |                 |       |       |         |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082818\  
Data File : PL039576.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Aug 2018 19:06  
Operator : AJ\SJ  
Sample : J4274-06MSD  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

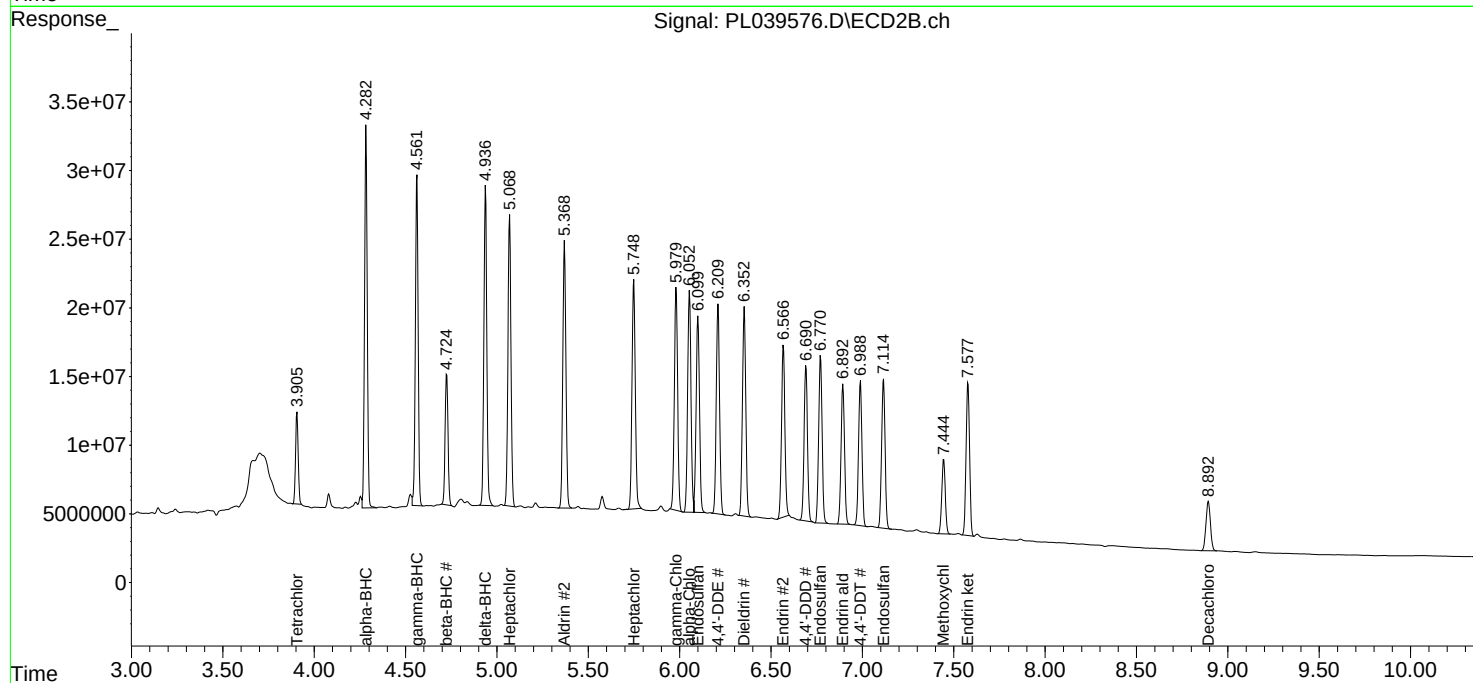
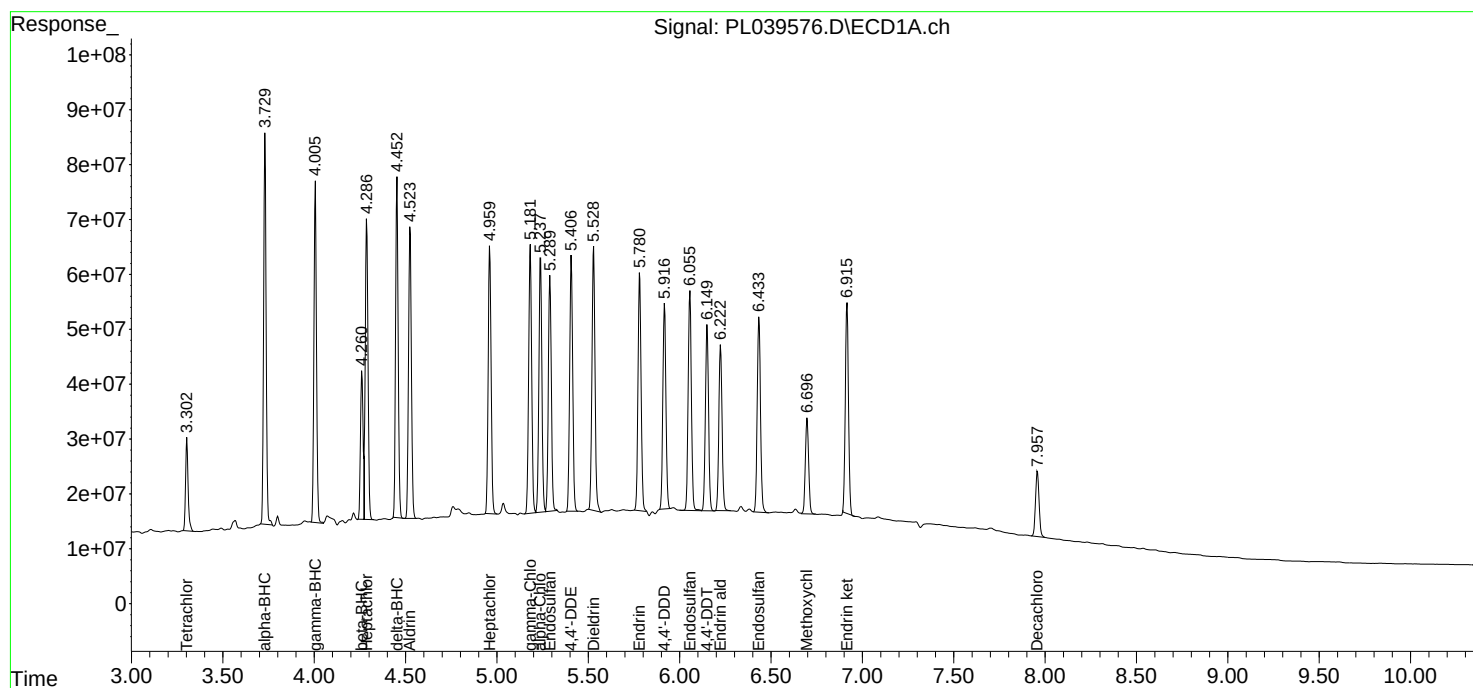
Instrument :  
ECD\_L  
ClientSampleId :  
HD-01-082718MSD

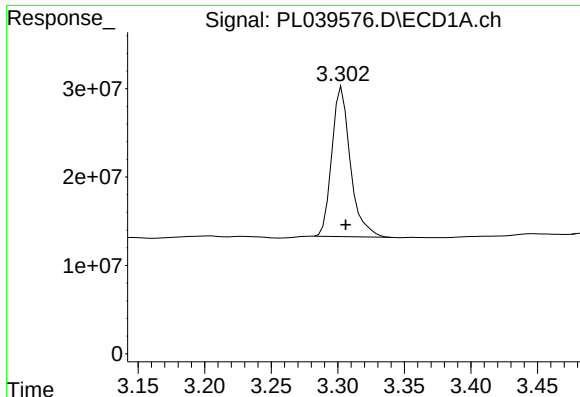
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 29 01:59:06 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081318.M  
Quant Title : GC Extractables  
QLast Update : Wed Aug 15 15:04:22 2018  
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





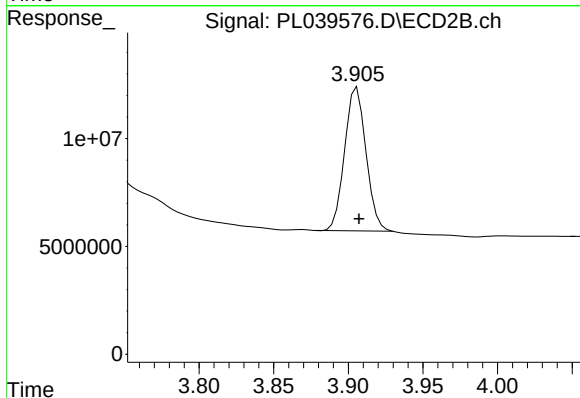
#1 Tetrachloro-m-xylene

R.T.: 3.303 min  
Delta R.T.: -0.003 min  
Response: 163831736  
Conc: 23.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HD-01-082718MSD

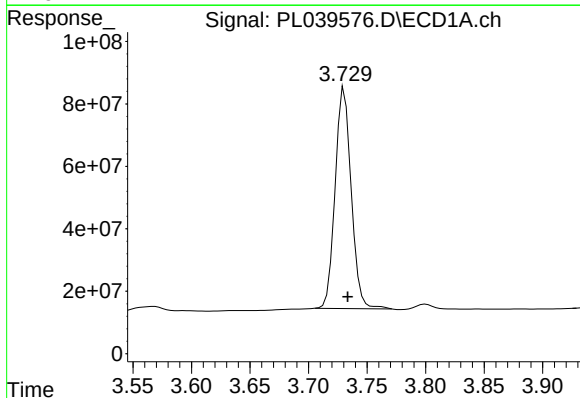
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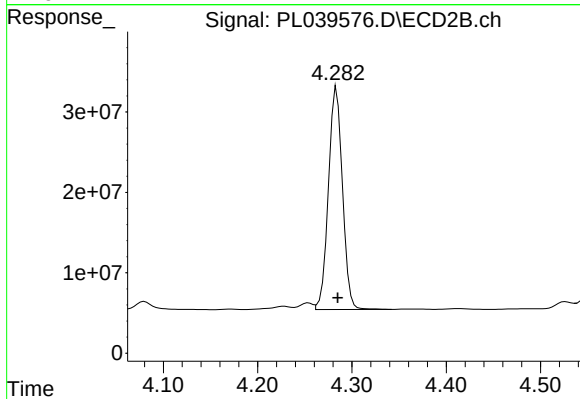
#1 Tetrachloro-m-xylene

R.T.: 3.906 min  
Delta R.T.: -0.001 min  
Response: 66450161  
Conc: 24.79 ng/ml



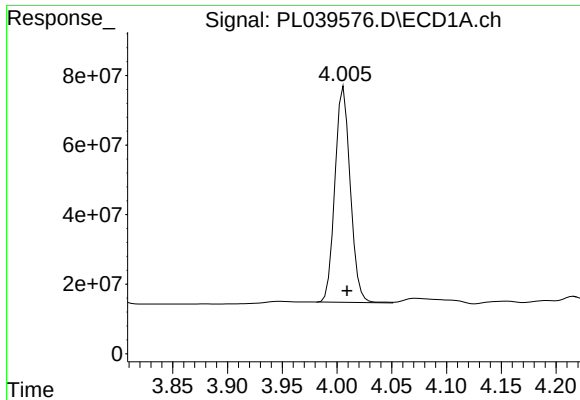
#2 alpha-BHC

R.T.: 3.731 min  
Delta R.T.: -0.003 min  
Response: 675738114  
Conc: 57.17 ng/ml



#2 alpha-BHC

R.T.: 4.284 min  
Delta R.T.: -0.001 min  
Response: 285849984  
Conc: 67.88 ng/ml



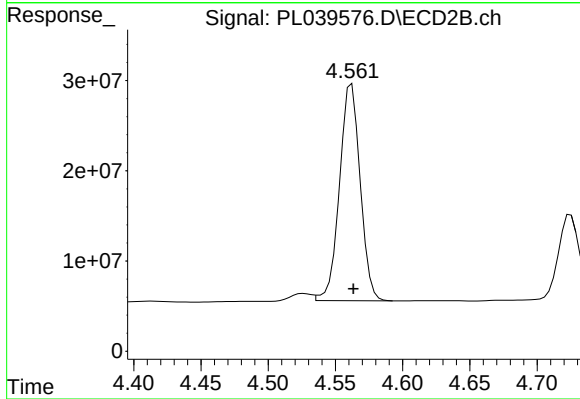
#3 gamma-BHC (Lindane)

R.T.: 4.006 min  
Delta R.T.: -0.003 min  
Response: 603530193  
Conc: 56.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HD-01-082718MSD

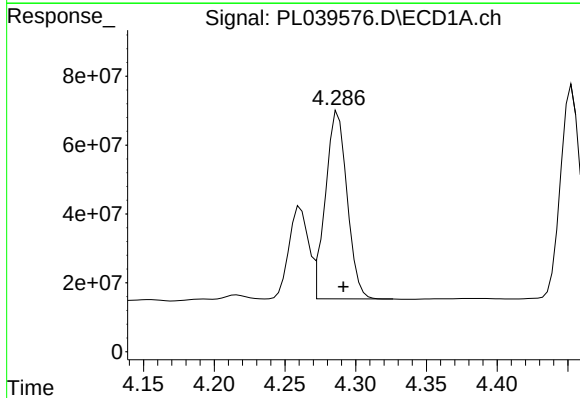
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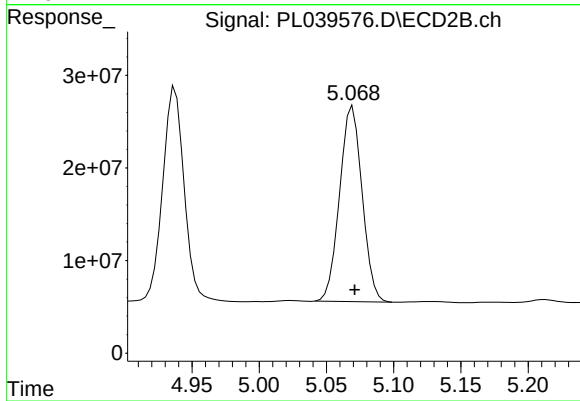
#3 gamma-BHC (Lindane)

R.T.: 4.561 min  
Delta R.T.: -0.003 min  
Response: 255897250  
Conc: 63.55 ng/ml m



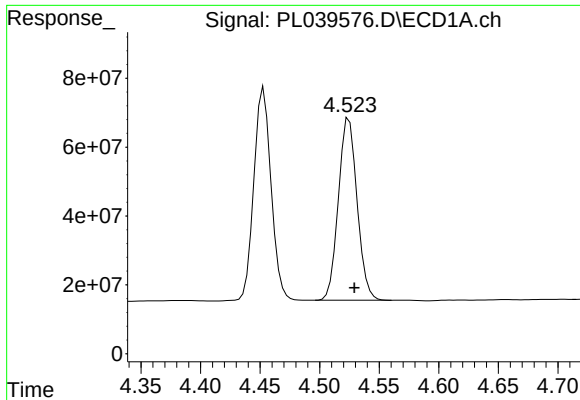
#4 Heptachlor

R.T.: 4.288 min  
Delta R.T.: -0.004 min  
Response: 580465308  
Conc: 55.14 ng/ml



#4 Heptachlor

R.T.: 5.069 min  
Delta R.T.: -0.002 min  
Response: 245089700  
Conc: 68.54 ng/ml



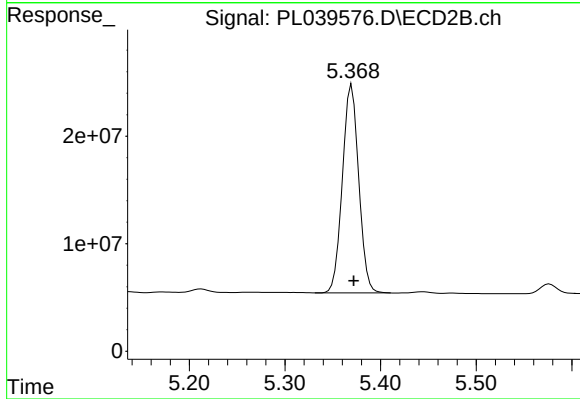
#5 Aldrin

R.T.: 4.525 min  
Delta R.T.: -0.004 min  
Response: 578223998  
Conc: 57.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HD-01-082718MSD

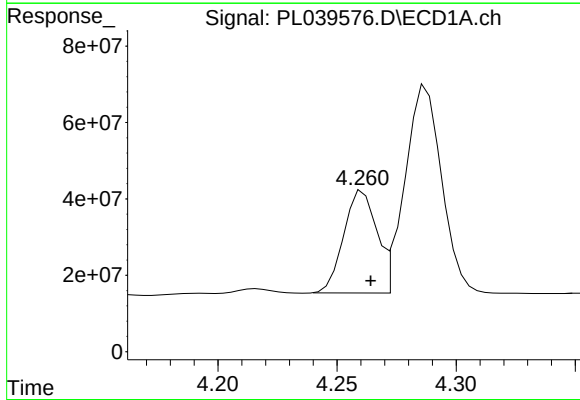
Manual Integrations  
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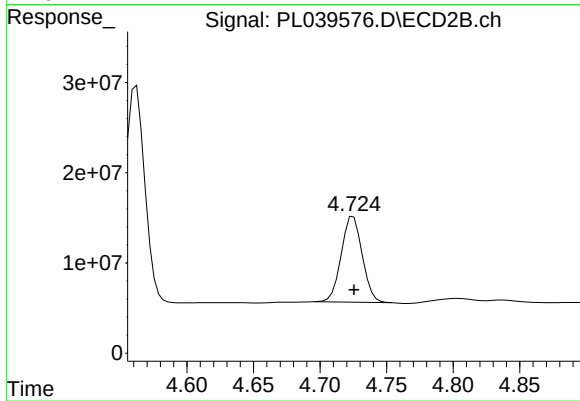
#5 Aldrin

R.T.: 5.370 min  
Delta R.T.: -0.002 min  
Response: 230682015  
Conc: 65.16 ng/ml



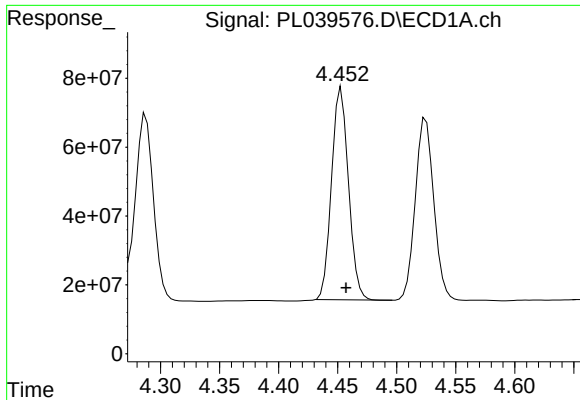
#6 beta-BHC

R.T.: 4.261 min  
Delta R.T.: -0.003 min  
Response: 257801043  
Conc: 55.49 ng/ml



#6 beta-BHC

R.T.: 4.725 min  
Delta R.T.: 0.000 min  
Response: 104344087  
Conc: 59.57 ng/ml



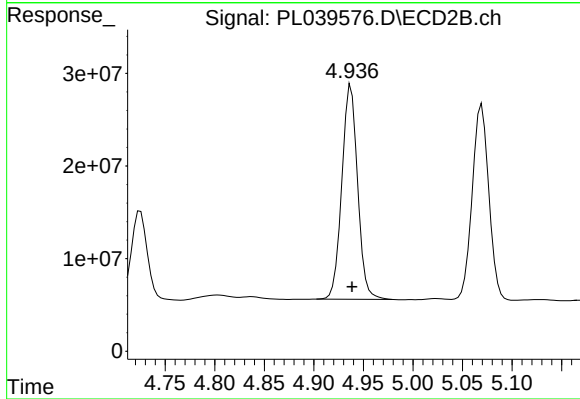
#7 delta-BHC

R.T.: 4.453 min  
Delta R.T.: -0.004 min  
Response: 616216815  
Conc: 56.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HD-01-082718MSD

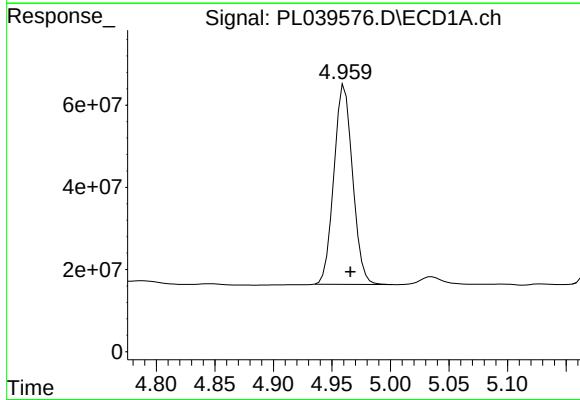
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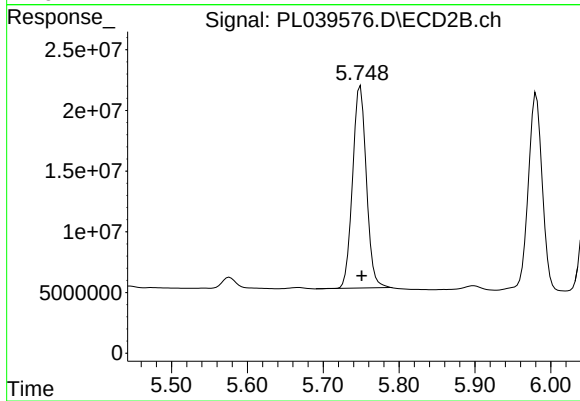
#7 delta-BHC

R.T.: 4.937 min  
Delta R.T.: -0.001 min  
Response: 256701426  
Conc: 64.47 ng/ml



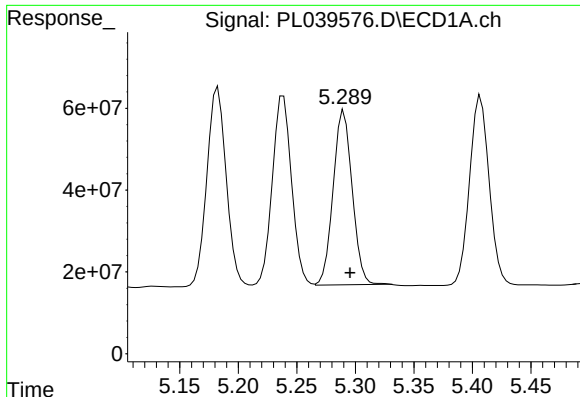
#8 Heptachlor epoxide

R.T.: 4.961 min  
Delta R.T.: -0.005 min  
Response: 539683871  
Conc: 56.52 ng/ml



#8 Heptachlor epoxide

R.T.: 5.749 min  
Delta R.T.: -0.002 min  
Response: 210489607  
Conc: 62.59 ng/ml



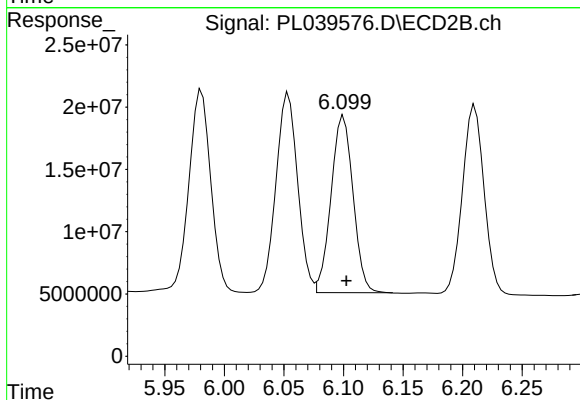
#9 Endosulfan I

R.T.: 5.290 min  
Delta R.T.: -0.005 min  
Response: 482860843  
Conc: 55.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HD-01-082718MSD

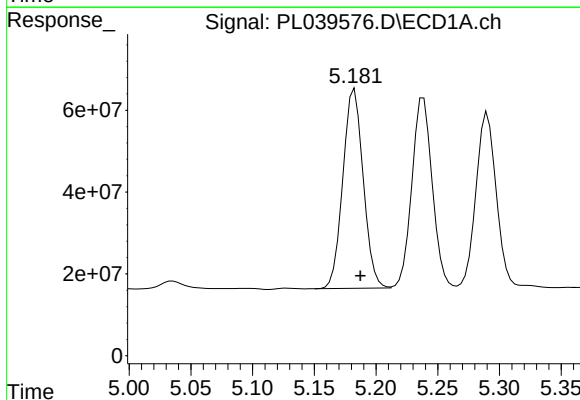
Manual Integrations  
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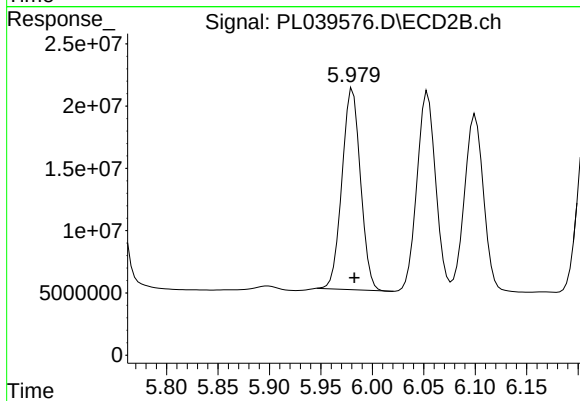
#9 Endosulfan I

R.T.: 6.100 min  
Delta R.T.: -0.002 min  
Response: 182917852  
Conc: 62.35 ng/ml



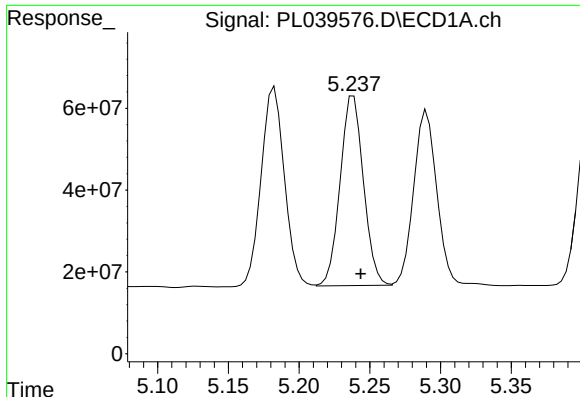
#10 gamma-Chlordane

R.T.: 5.183 min  
Delta R.T.: -0.005 min  
Response: 559056947  
Conc: 56.60 ng/ml



#10 gamma-Chlordane

R.T.: 5.981 min  
Delta R.T.: -0.002 min  
Response: 202231905  
Conc: 62.49 ng/ml



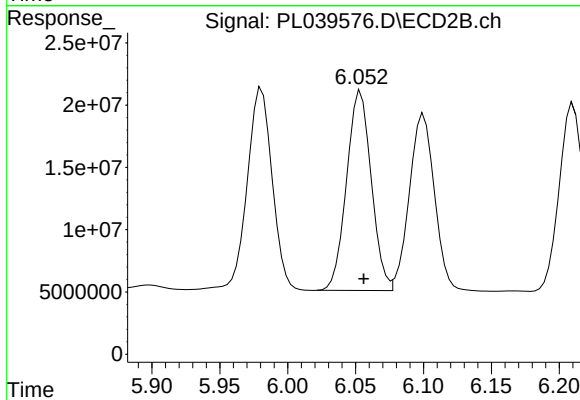
#11 alpha-Chlordane

R.T.: 5.238 min  
Delta R.T.: -0.005 min  
Response: 532652228  
Conc: 55.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HD-01-082718MSD

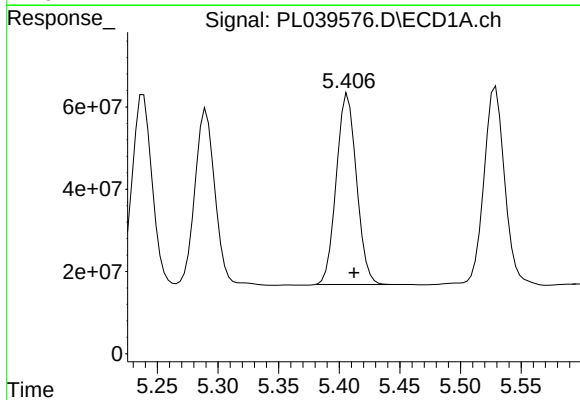
Manual Integrations  
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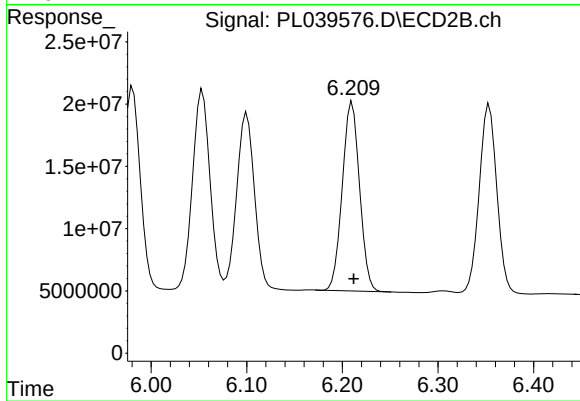
#11 alpha-Chlordane

R.T.: 6.054 min  
Delta R.T.: -0.002 min  
Response: 203126114  
Conc: 62.79 ng/ml



#12 4,4'-DDE

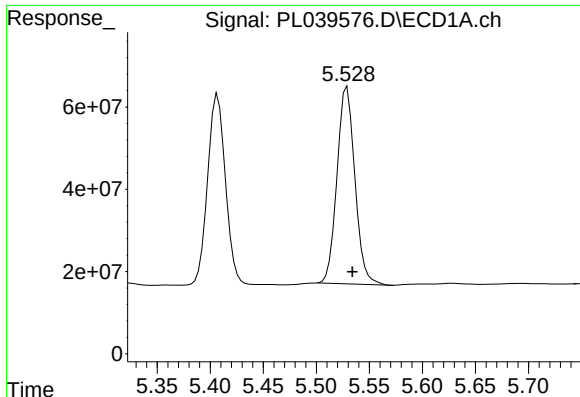
R.T.: 5.407 min  
Delta R.T.: -0.005 min  
Response: 537206615  
Conc: 56.10 ng/ml



#12 4,4'-DDE

R.T.: 6.210 min  
Delta R.T.: -0.002 min  
Response: 191077724  
Conc: 61.80 ng/ml





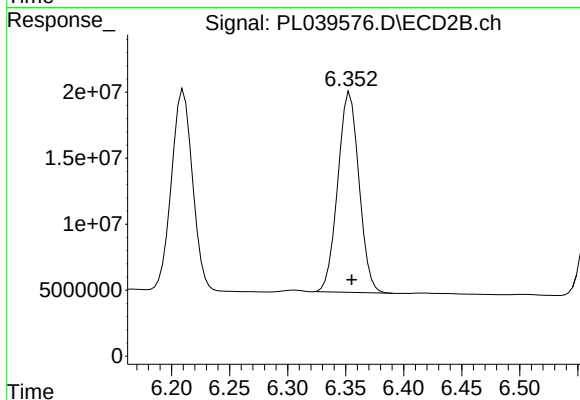
#13 Dieldrin

R.T.: 5.529 min  
Delta R.T.: -0.005 min  
Response: 563020150  
Conc: 57.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HD-01-082718MSD

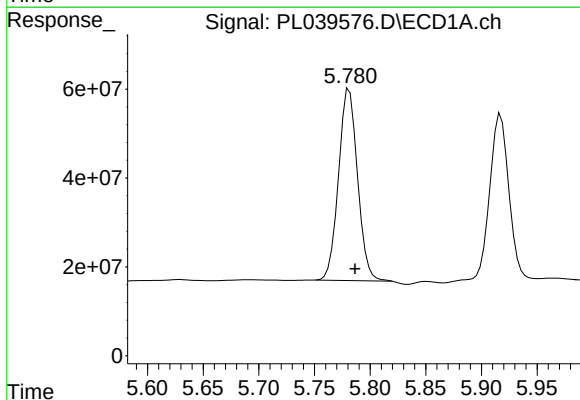
Manual Integrations  
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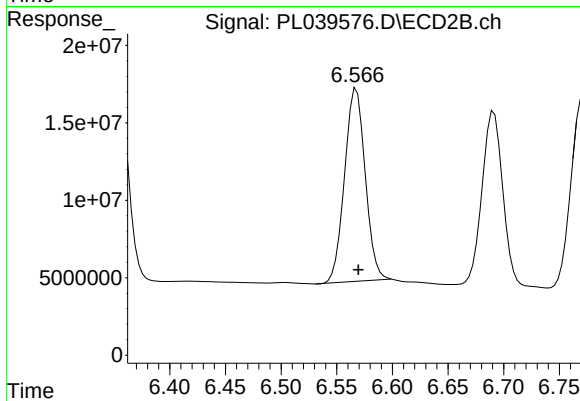
#13 Dieldrin

R.T.: 6.354 min  
Delta R.T.: -0.002 min  
Response: 192990866  
Conc: 63.71 ng/ml



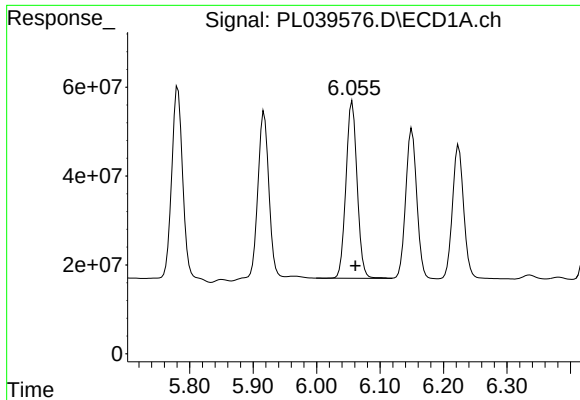
#14 Endrin

R.T.: 5.781 min  
Delta R.T.: -0.005 min  
Response: 511997517  
Conc: 57.20 ng/ml



#14 Endrin

R.T.: 6.568 min  
Delta R.T.: -0.002 min  
Response: 161161759  
Conc: 62.68 ng/ml



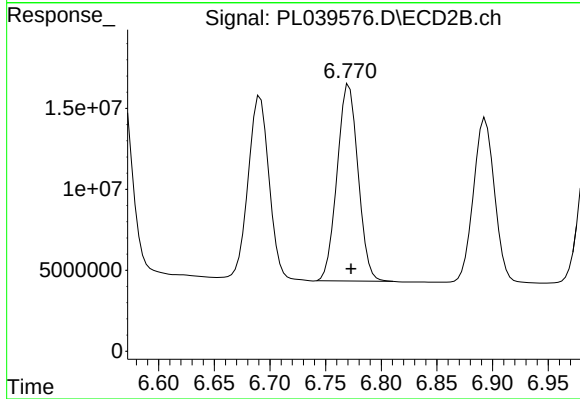
#15 Endosulfan II

R.T.: 6.056 min  
Delta R.T.: -0.005 min  
Response: 488065597  
Conc: 56.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HD-01-082718MSD

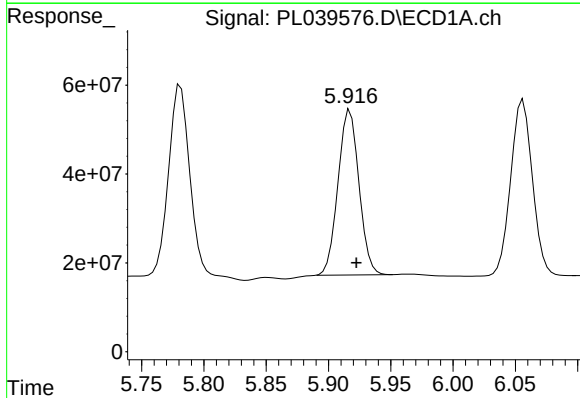
Manual Integrations  
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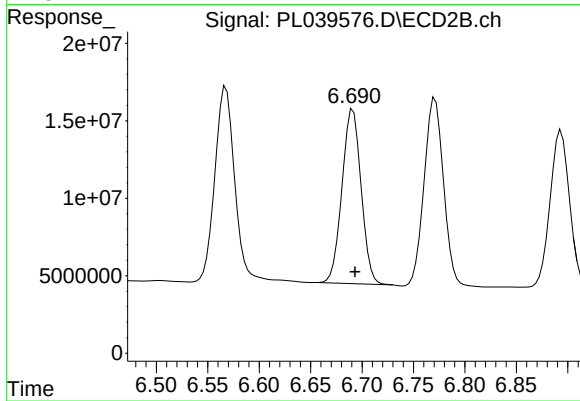
#15 Endosulfan II

R.T.: 6.771 min  
Delta R.T.: -0.002 min  
Response: 159393846  
Conc: 62.06 ng/ml



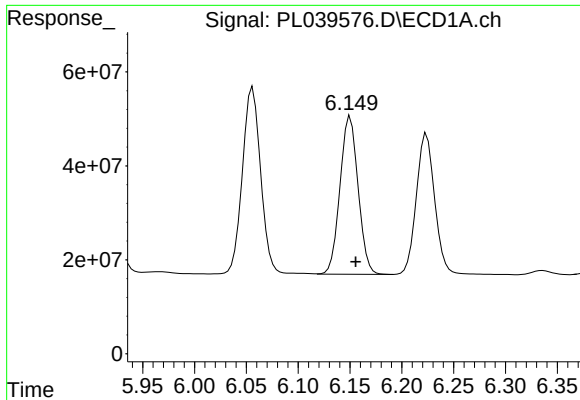
#16 4,4'-DDD

R.T.: 5.917 min  
Delta R.T.: -0.005 min  
Response: 437194980  
Conc: 54.86 ng/ml



#16 4,4'-DDD

R.T.: 6.691 min  
Delta R.T.: -0.002 min  
Response: 145798655  
Conc: 65.11 ng/ml



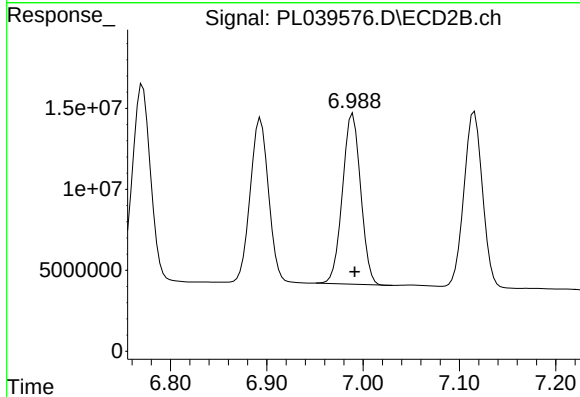
#17 4,4'-DDT

R.T.: 6.150 min  
Delta R.T.: -0.005 min  
Response: 409347143  
Conc: 54.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HD-01-082718MSD

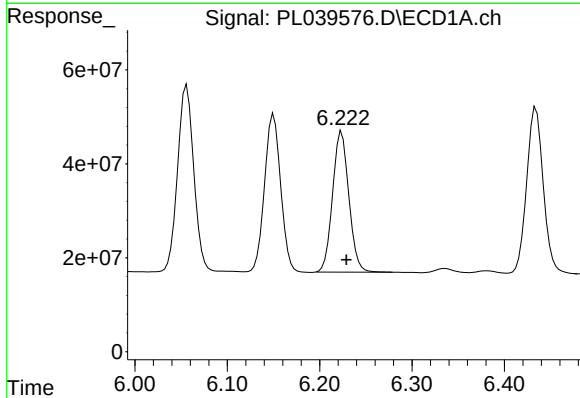
Manual Integrations  
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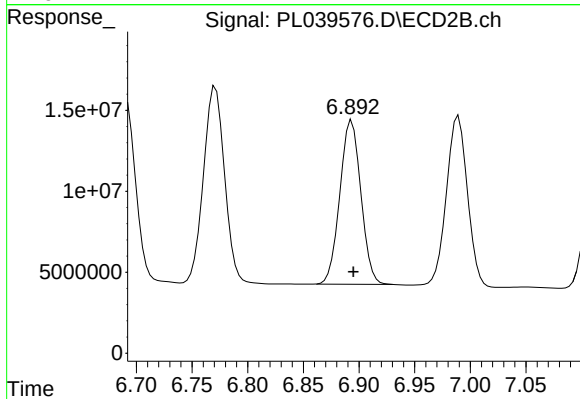
#17 4,4'-DDT

R.T.: 6.989 min  
Delta R.T.: -0.002 min  
Response: 137588557  
Conc: 58.45 ng/ml



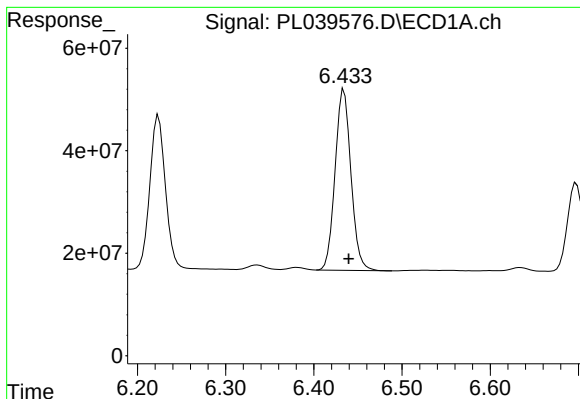
#18 Endrin aldehyde

R.T.: 6.224 min  
Delta R.T.: -0.005 min  
Response: 366176433  
Conc: 54.03 ng/ml



#18 Endrin aldehyde

R.T.: 6.893 min  
Delta R.T.: -0.002 min  
Response: 133227978  
Conc: 61.36 ng/ml



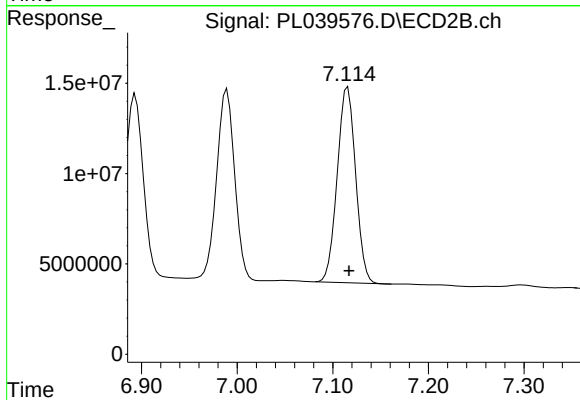
#19 Endosulfan Sulfate

R.T.: 6.434 min  
Delta R.T.: -0.005 min  
Response: 441400296  
Conc: 54.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HD-01-082718MSD

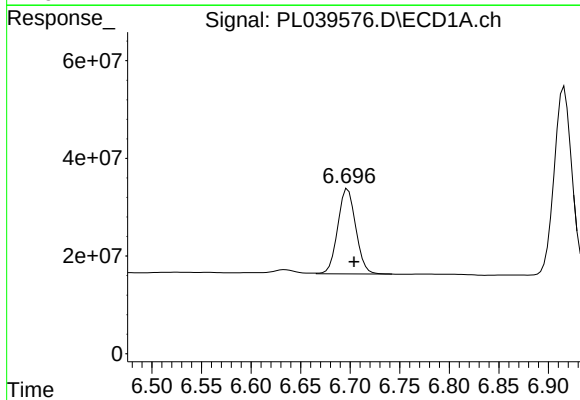
Manual Integrations  
APPROVED

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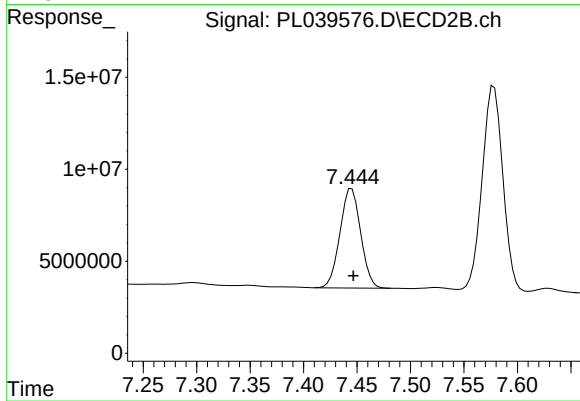
#19 Endosulfan Sulfate

R.T.: 7.116 min  
Delta R.T.: -0.001 min  
Response: 144878177  
Conc: 60.43 ng/ml



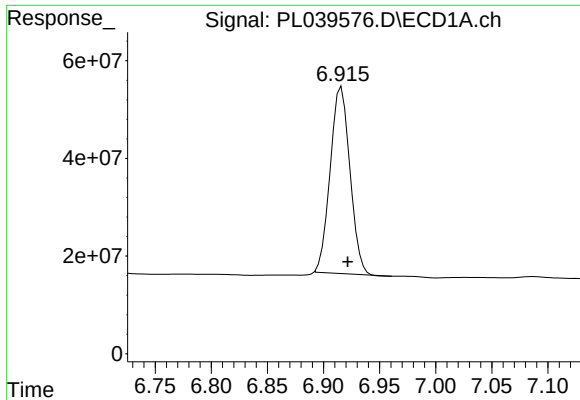
#20 Methoxychlor

R.T.: 6.698 min  
Delta R.T.: -0.006 min  
Response: 219912531  
Conc: 53.74 ng/ml



#20 Methoxychlor

R.T.: 7.445 min  
Delta R.T.: -0.001 min  
Response: 72869256  
Conc: 58.83 ng/ml



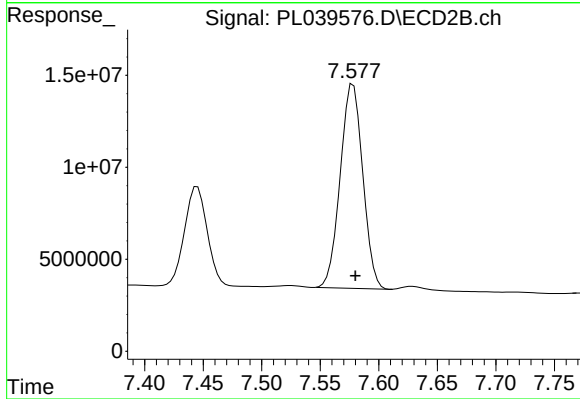
#21 Endrin ketone

R.T.: 6.916 min  
Delta R.T.: -0.006 min  
Response: 466488921  
Conc: 54.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HD-01-082718MSD

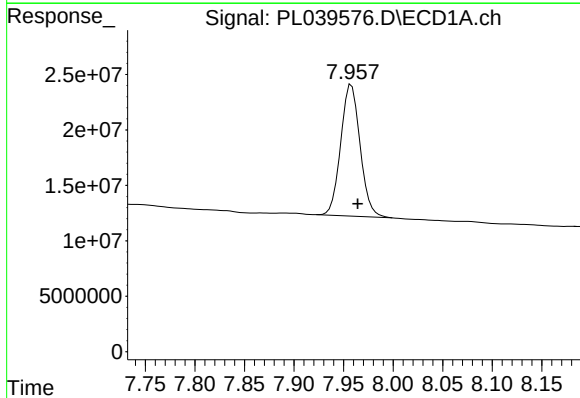
Manual Integrations  
APPROVED

Sohil  
8/29/2018 1:40:06 PM



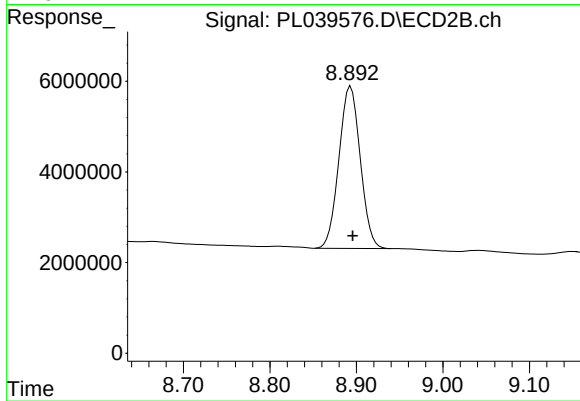
#21 Endrin ketone

R.T.: 7.578 min  
Delta R.T.: -0.002 min  
Response: 149059456  
Conc: 60.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.958 min  
Delta R.T.: -0.006 min  
Response: 161082412  
Conc: 22.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.893 min  
Delta R.T.: -0.002 min  
Response: 60974388  
Conc: 26.28 ng/ml