

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012919\  
 Data File : PL044293.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Jan 2019 12:22  
 Operator : AJ\SJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 30 00:00:50 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012219.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jan 28 01:20:09 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... | 3.367 | 3.986 | 317.1E6 | 113.1E6  | 52.330 | 51.831  |
| 28)                         | SA Decachlor... | 8.053 | 9.047 | 326.0E6 | 96389375 | 47.011 | 43.451  |
| Target Compounds            |                 |       |       |         |          |        |         |
| 2)                          | A alpha-BHC     | 3.797 | 4.376 | 485.7E6 | 152.8E6  | 54.428 | 55.049  |
| 3)                          | MA gamma-BHC... | 4.075 | 4.661 | 445.9E6 | 142.4E6  | 55.451 | 53.848  |
| 4)                          | MA Heptachlor   | 4.363 | 5.169 | 443.0E6 | 138.5E6  | 56.197 | 53.391  |
| 5)                          | MB Aldrin       | 4.604 | 5.474 | 429.9E6 | 133.3E6  | 55.062 | 52.967  |
| 6)                          | B beta-BHC      | 4.327 | 4.832 | 185.4E6 | 62324449 | 53.465 | 52.819  |
| 7)                          | B delta-BHC     | 4.524 | 5.049 | 365.6E6 | 98088332 | 56.251 | 51.601  |
| 8)                          | B Heptachlor... | 5.042 | 5.860 | 409.2E6 | 127.2E6  | 54.191 | 55.003  |
| 9)                          | A Endosulfan I  | 5.375 | 6.216 | 382.1E6 | 118.7E6  | 54.236 | 51.270  |
| 10)                         | B gamma-Chl...  | 5.266 | 6.092 | 421.7E6 | 129.7E6  | 54.449 | 51.416m |
| 11)                         | B alpha-Chl...  | 5.322 | 6.166 | 414.9E6 | 130.2E6  | 54.449 | 51.740  |
| 12)                         | B 4,4'-DDE      | 5.490 | 6.324 | 387.2E6 | 114.8E6  | 57.162 | 53.489  |
| 13)                         | MA Dieldrin     | 5.615 | 6.473 | 417.9E6 | 123.5E6  | 55.607 | 51.532  |
| 14)                         | MA Endrin       | 5.868 | 6.690 | 363.5E6 | 101.6E6  | 54.214 | 50.419  |
| 15)                         | B Endosulfa...  | 6.142 | 6.900 | 368.3E6 | 108.8E6  | 54.588 | 51.522  |
| 16)                         | A 4,4'-DDD      | 6.001 | 6.814 | 331.2E6 | 96666974 | 59.601 | 56.369  |
| 17)                         | MA 4,4'-DDT     | 6.236 | 7.112 | 304.4E6 | 89649862 | 59.711 | 54.629  |
| 18)                         | B Endrin al...  | 6.309 | 7.023 | 305.9E6 | 93957850 | 54.092 | 49.257  |
| 19)                         | B Endosulfa...  | 6.520 | 7.246 | 320.6E6 | 96668970 | 56.223 | 50.274  |
| 20)                         | A Methoxychlor  | 6.781 | 7.570 | 166.0E6 | 49998901 | 55.995 | 48.885  |
| 21)                         | B Endrin ke...  | 7.004 | 7.716 | 396.6E6 | 108.1E6  | 56.966 | 50.655  |
| -----                       |                 |       |       |         |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012919\  
Data File : PL044293.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Jan 2019 12:22  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

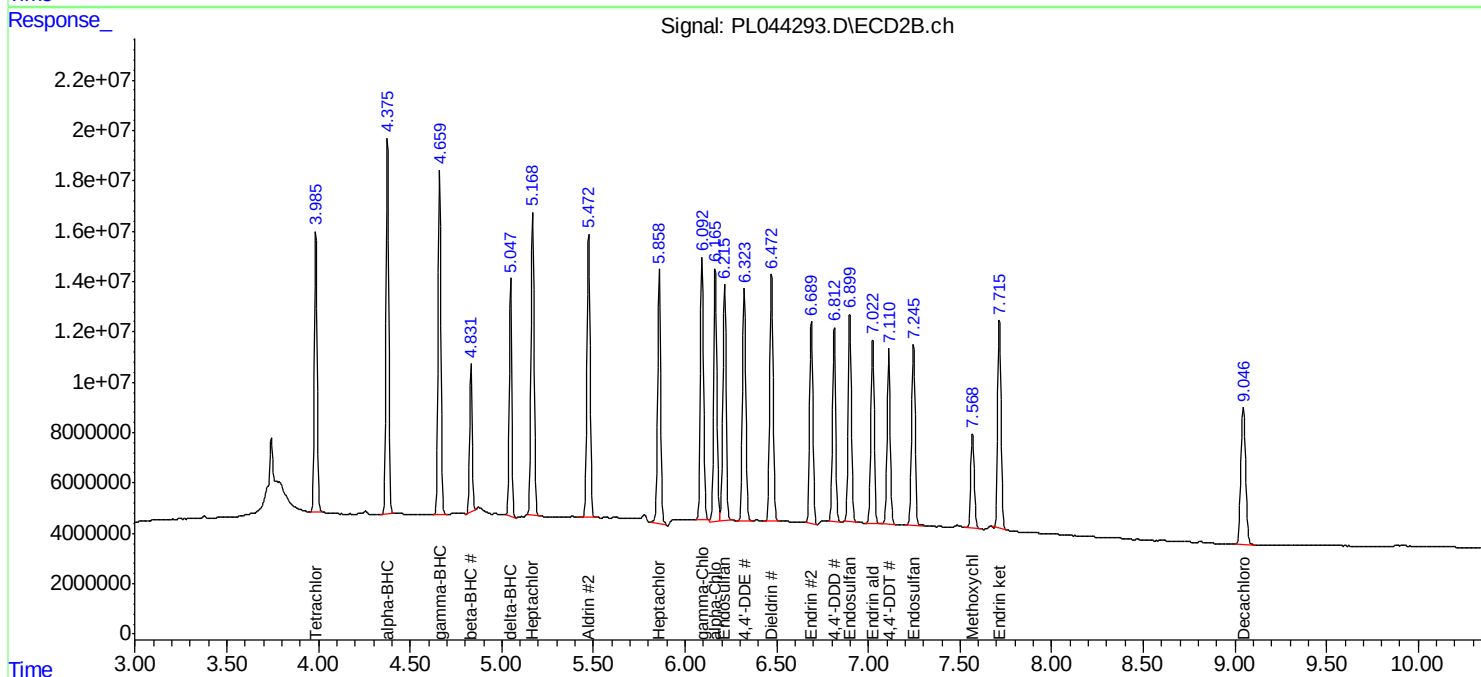
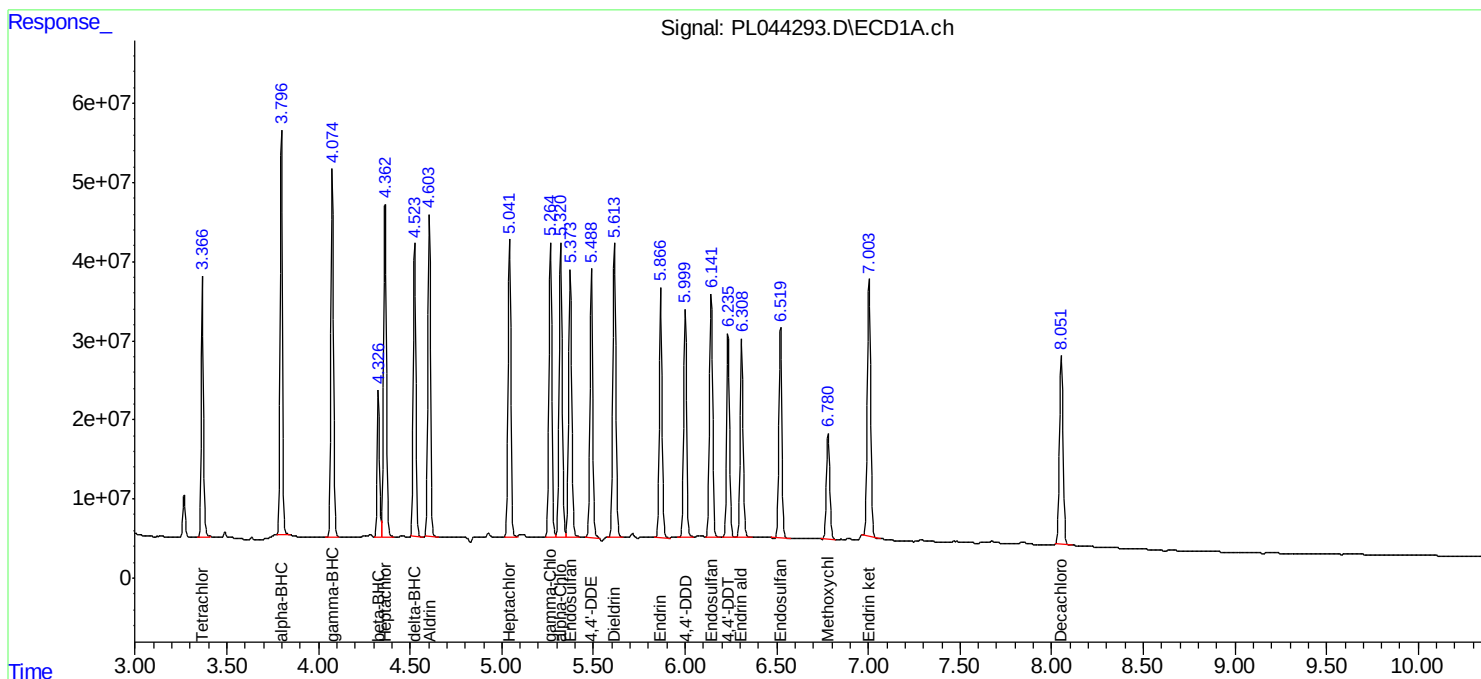
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

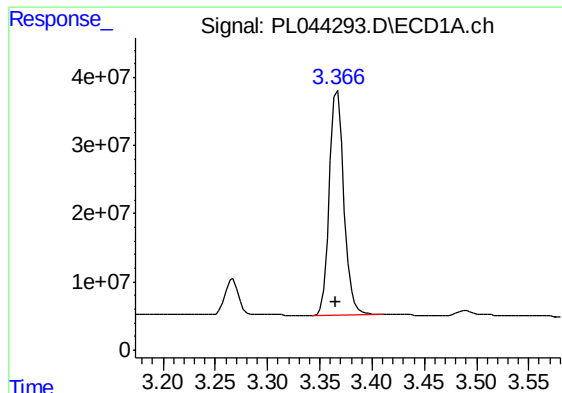
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 30 00:00:50 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012219.M  
Quant Title : GC Extractables  
QLast Update : Mon Jan 28 01:20:09 2019  
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





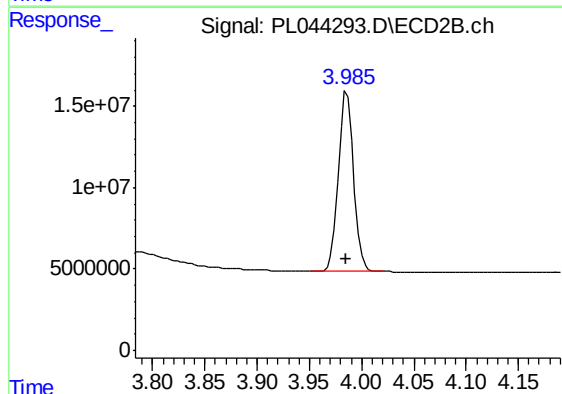
#1 Tetrachloro-m-xylene

R.T.: 3.367 min  
Delta R.T.: 0.002 min  
Response: 317137355  
Conc: 52.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

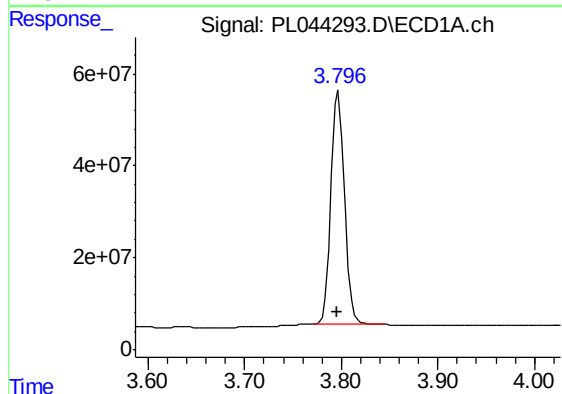
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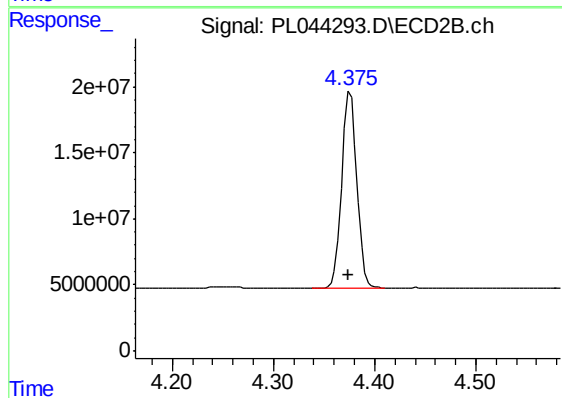
#1 Tetrachloro-m-xylene

R.T.: 3.986 min  
Delta R.T.: 0.001 min  
Response: 113057914  
Conc: 51.83 ng/ml



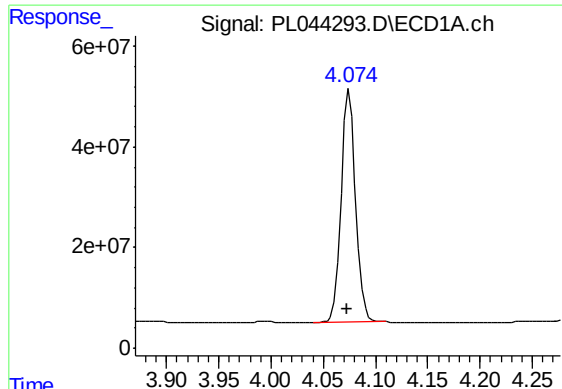
#2 alpha-BHC

R.T.: 3.797 min  
Delta R.T.: 0.002 min  
Response: 485684958  
Conc: 54.43 ng/ml



#2 alpha-BHC

R.T.: 4.376 min  
Delta R.T.: 0.001 min  
Response: 152788025  
Conc: 55.05 ng/ml



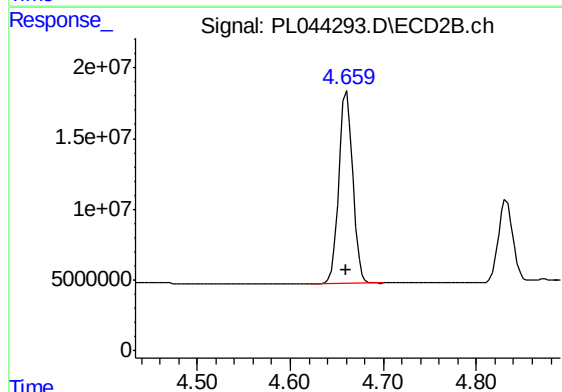
#3 gamma-BHC (Lindane)

R.T.: 4.075 min  
Delta R.T.: 0.002 min  
Response: 445858903  
Conc: 55.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

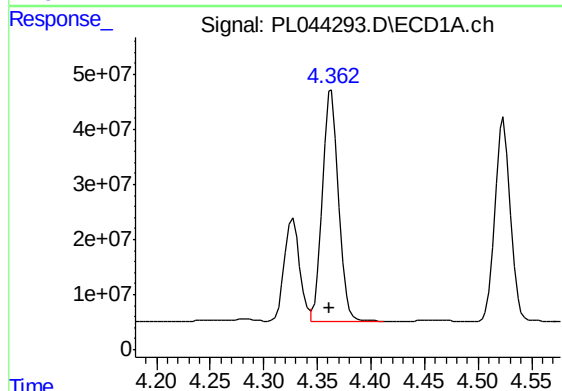
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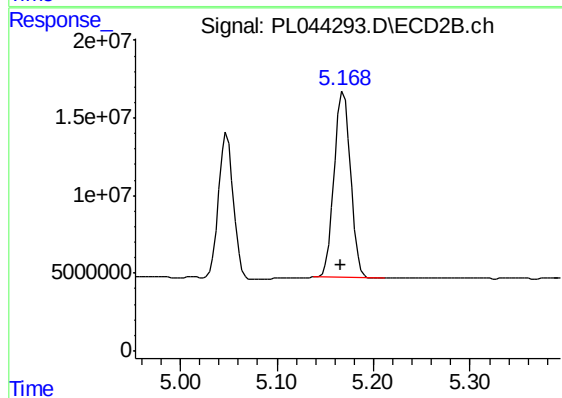
#3 gamma-BHC (Lindane)

R.T.: 4.661 min  
Delta R.T.: 0.002 min  
Response: 142364622  
Conc: 53.85 ng/ml



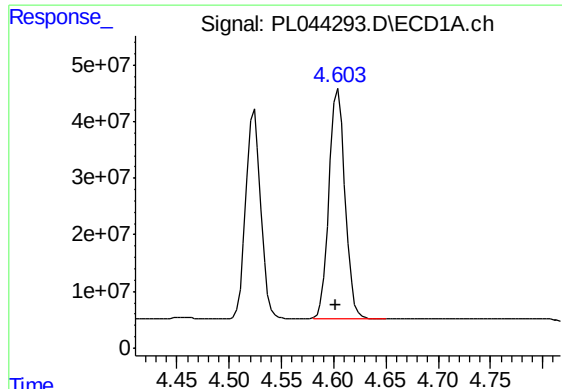
#4 Heptachlor

R.T.: 4.363 min  
Delta R.T.: 0.002 min  
Response: 443041158  
Conc: 56.20 ng/ml



#4 Heptachlor

R.T.: 5.169 min  
Delta R.T.: 0.003 min  
Response: 138548307  
Conc: 53.39 ng/ml



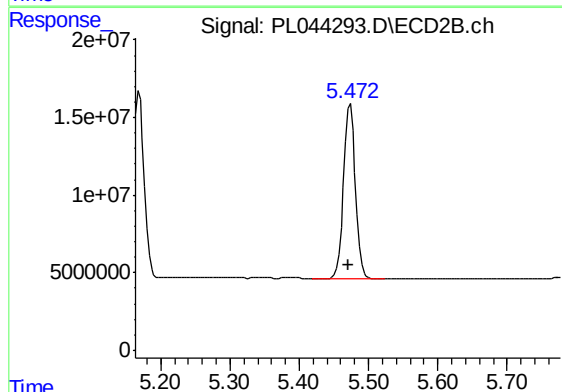
#5 Aldrin

R.T.: 4.604 min  
Delta R.T.: 0.003 min  
Response: 429922658  
Conc: 55.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

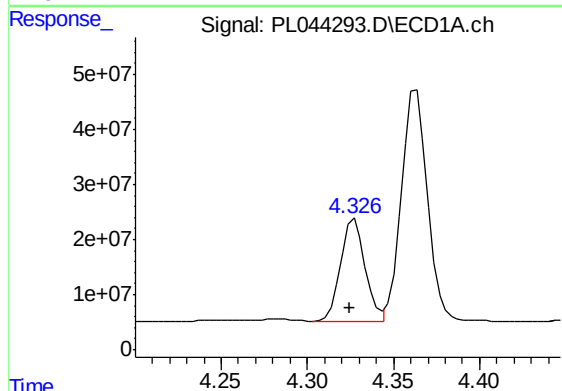
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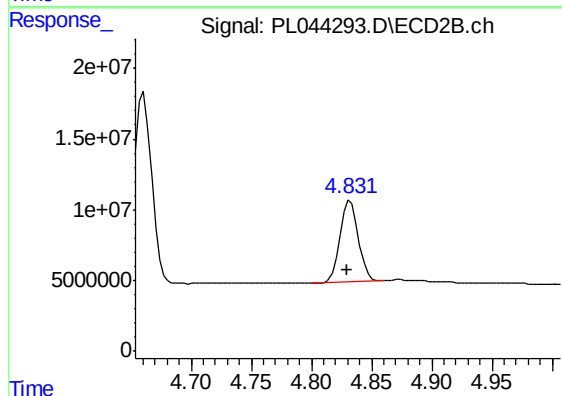
#5 Aldrin

R.T.: 5.474 min  
Delta R.T.: 0.003 min  
Response: 133265122  
Conc: 52.97 ng/ml



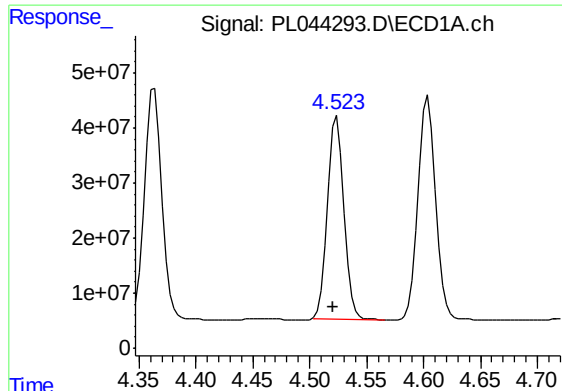
#6 beta-BHC

R.T.: 4.327 min  
Delta R.T.: 0.002 min  
Response: 185358420  
Conc: 53.46 ng/ml



#6 beta-BHC

R.T.: 4.832 min  
Delta R.T.: 0.003 min  
Response: 62324449  
Conc: 52.82 ng/ml



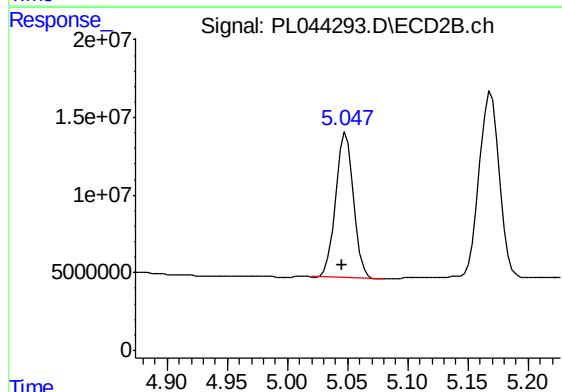
#7 delta-BHC

R.T.: 4.524 min  
Delta R.T.: 0.003 min  
Response: 365614739  
Conc: 56.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

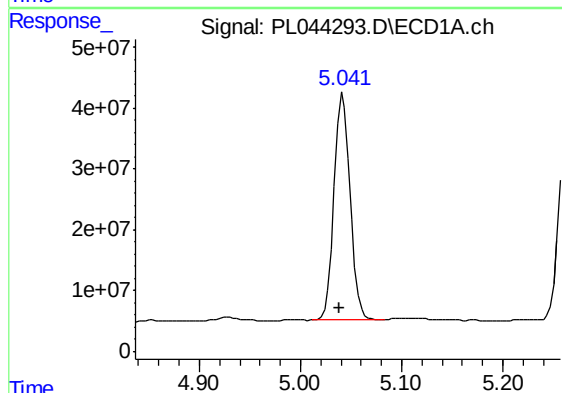
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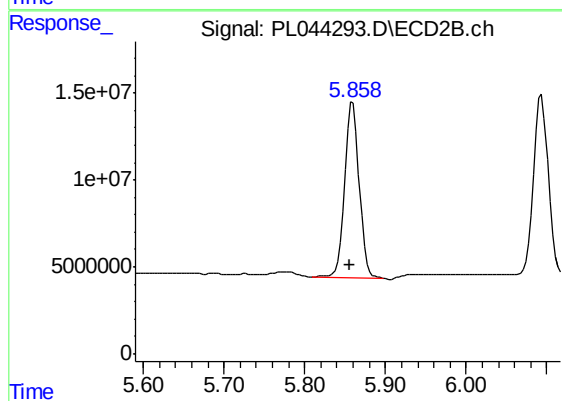
#7 delta-BHC

R.T.: 5.049 min  
Delta R.T.: 0.003 min  
Response: 98088332  
Conc: 51.60 ng/ml



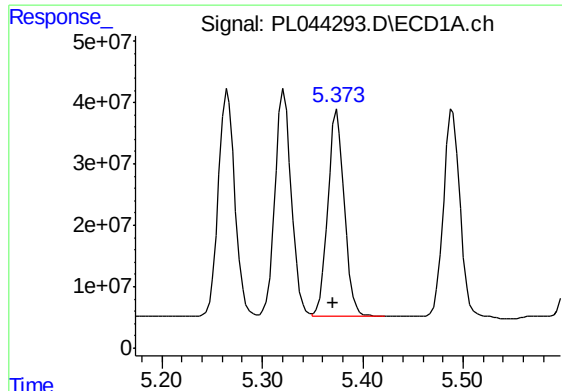
#8 Heptachlor epoxide

R.T.: 5.042 min  
Delta R.T.: 0.004 min  
Response: 409152678  
Conc: 54.19 ng/ml



#8 Heptachlor epoxide

R.T.: 5.860 min  
Delta R.T.: 0.003 min  
Response: 127212459  
Conc: 55.00 ng/ml



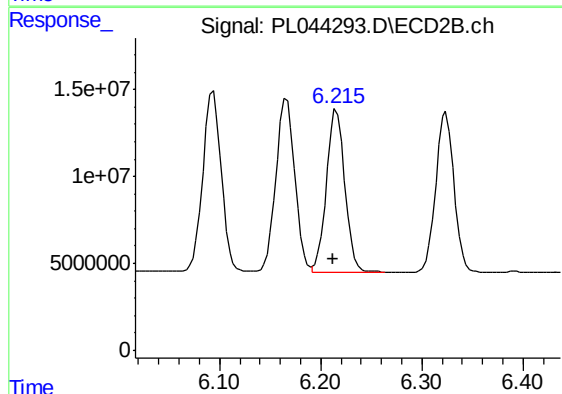
#9 Endosulfan I

R.T.: 5.375 min  
Delta R.T.: 0.004 min  
Response: 382068399  
Conc: 54.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

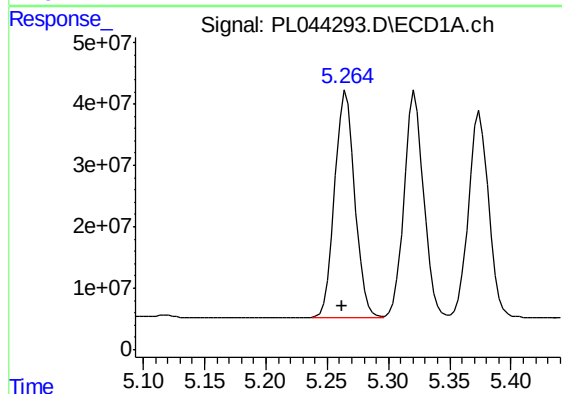
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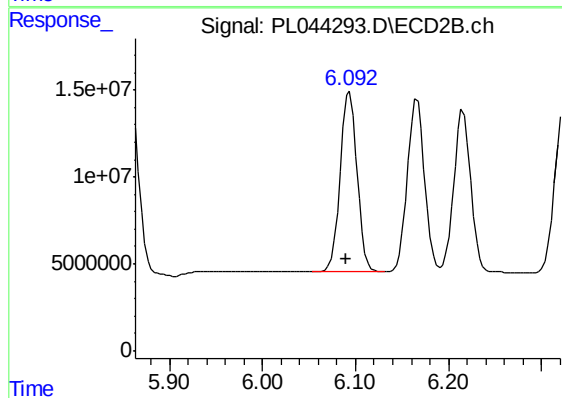
#9 Endosulfan I

R.T.: 6.216 min  
Delta R.T.: 0.004 min  
Response: 118697341  
Conc: 51.27 ng/ml



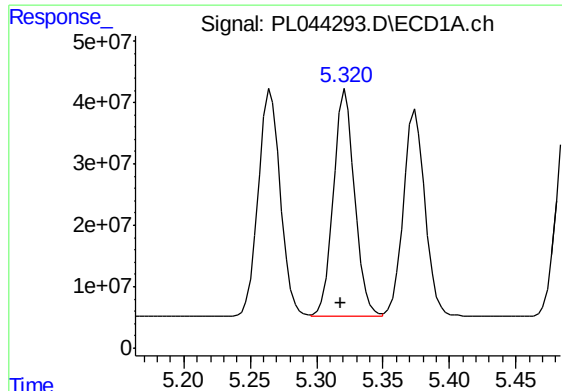
#10 gamma-Chlordane

R.T.: 5.266 min  
Delta R.T.: 0.004 min  
Response: 421735237  
Conc: 54.45 ng/ml



#10 gamma-Chlordane

R.T.: 6.092 min  
Delta R.T.: 0.003 min  
Response: 129739878  
Conc: 51.42 ng/ml m



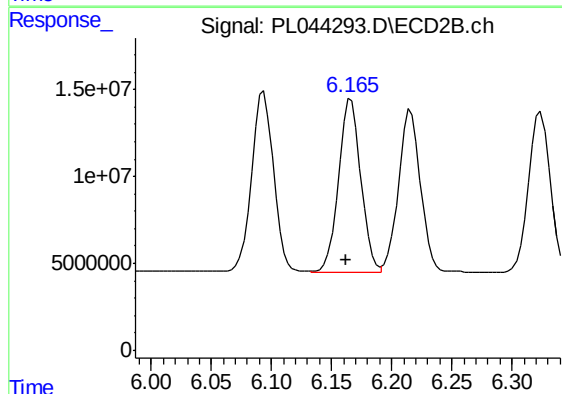
#11 alpha-Chlordane

R.T.: 5.322 min  
Delta R.T.: 0.003 min  
Response: 414911654  
Conc: 54.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

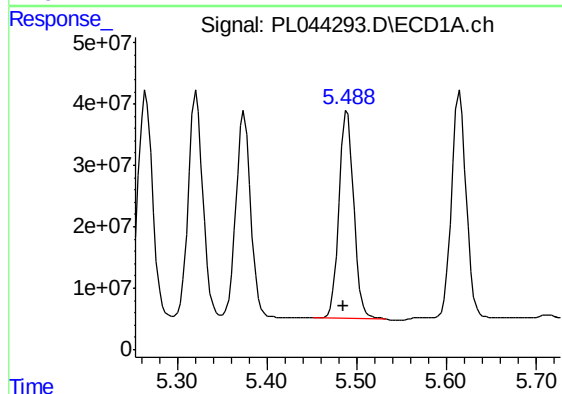
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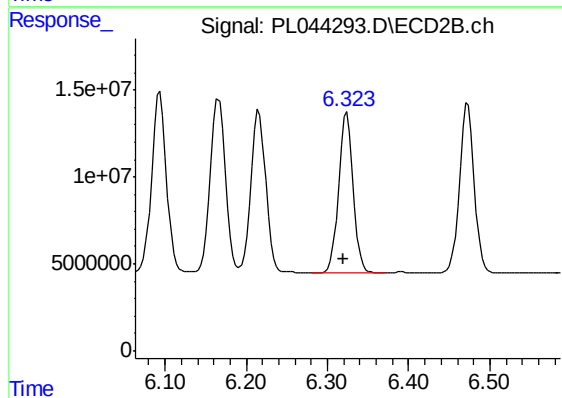
#11 alpha-Chlordane

R.T.: 6.166 min  
Delta R.T.: 0.004 min  
Response: 130176163  
Conc: 51.74 ng/ml



#12 4,4'-DDE

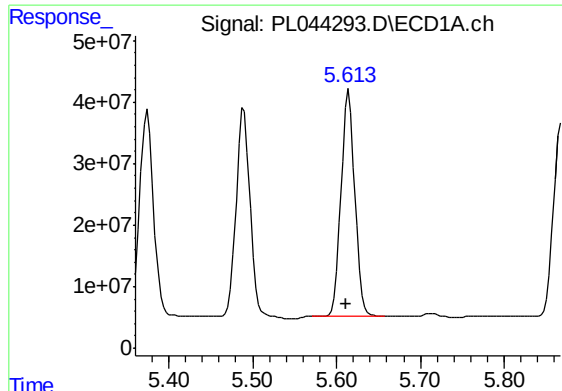
R.T.: 5.490 min  
Delta R.T.: 0.004 min  
Response: 387187963  
Conc: 57.16 ng/ml



#12 4,4'-DDE

R.T.: 6.324 min  
Delta R.T.: 0.004 min  
Response: 114794037  
Conc: 53.49 ng/ml





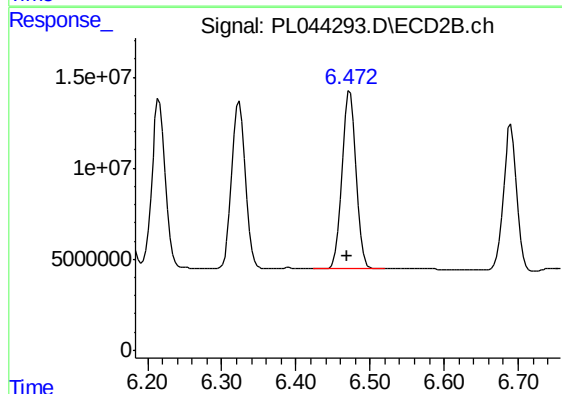
#13 Dielldrin

R.T.: 5.615 min  
Delta R.T.: 0.004 min  
Response: 417892754  
Conc: 55.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

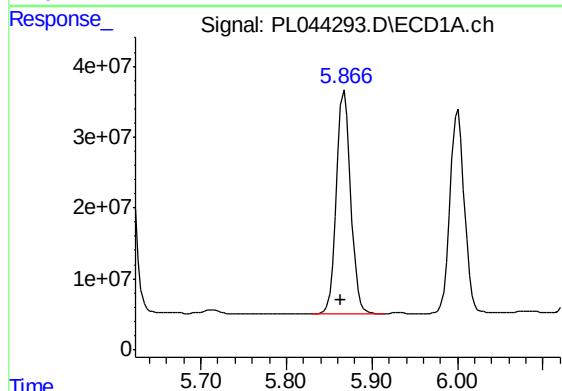
Manual Integrations  
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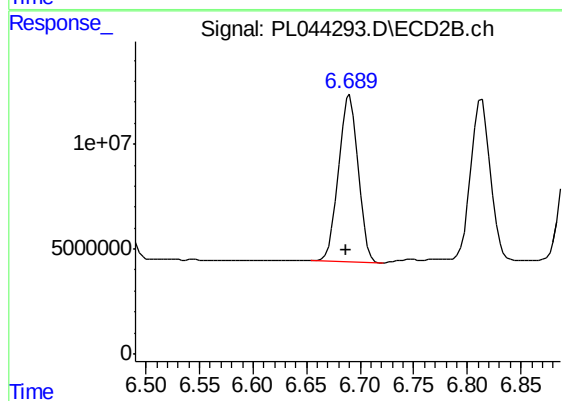
#13 Dielldrin

R.T.: 6.473 min  
Delta R.T.: 0.004 min  
Response: 123466545  
Conc: 51.53 ng/ml



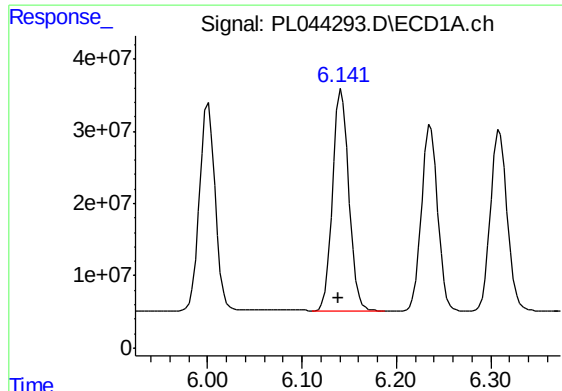
#14 Endrin

R.T.: 5.868 min  
Delta R.T.: 0.004 min  
Response: 363545185  
Conc: 54.21 ng/ml



#14 Endrin

R.T.: 6.690 min  
Delta R.T.: 0.004 min  
Response: 101608973  
Conc: 50.42 ng/ml



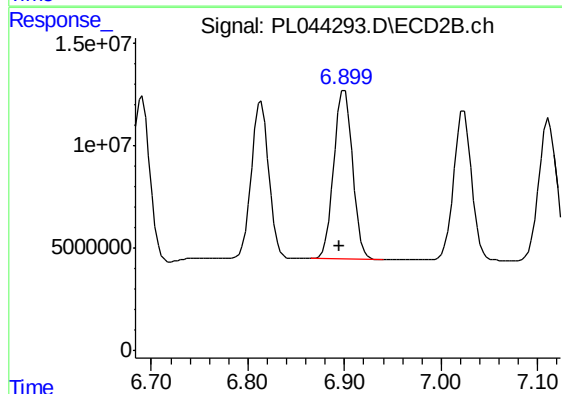
#15 Endosulfan II

R.T.: 6.142 min  
Delta R.T.: 0.004 min  
Response: 368278267  
Conc: 54.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

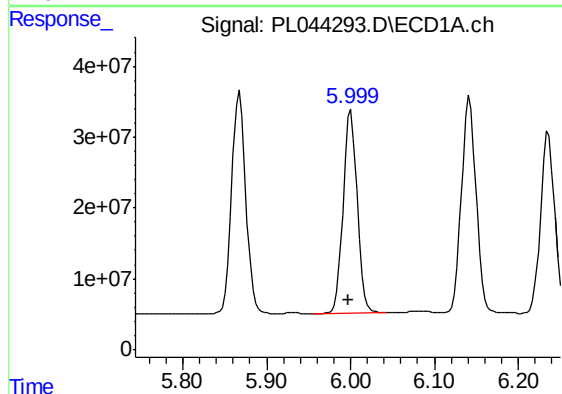
Manual Integrations  
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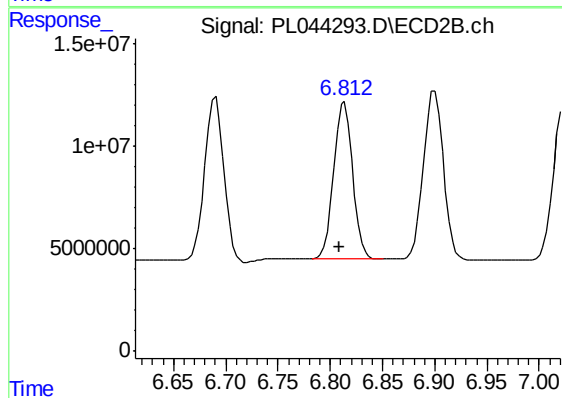
#15 Endosulfan II

R.T.: 6.900 min  
Delta R.T.: 0.005 min  
Response: 108795364  
Conc: 51.52 ng/ml



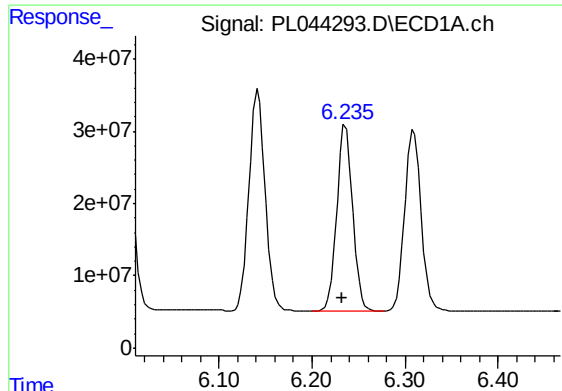
#16 4,4'-DDD

R.T.: 6.001 min  
Delta R.T.: 0.003 min  
Response: 331150573  
Conc: 59.60 ng/ml



#16 4,4'-DDD

R.T.: 6.814 min  
Delta R.T.: 0.004 min  
Response: 96666974  
Conc: 56.37 ng/ml



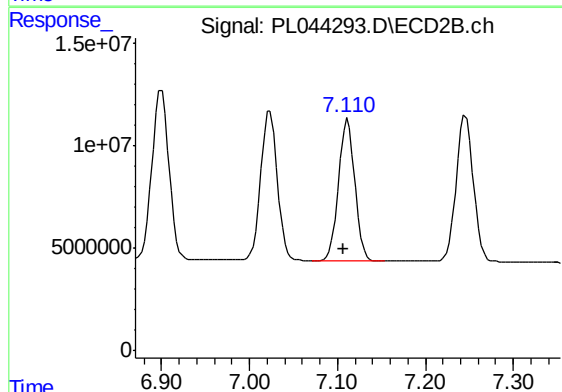
#17 4,4'-DDT

R.T.: 6.236 min  
Delta R.T.: 0.004 min  
Response: 304407236  
Conc: 59.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

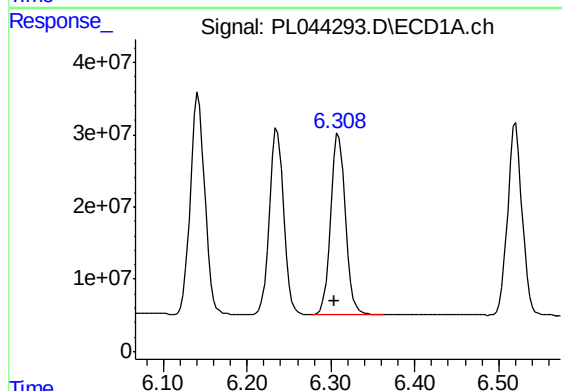
Manual Integrations  
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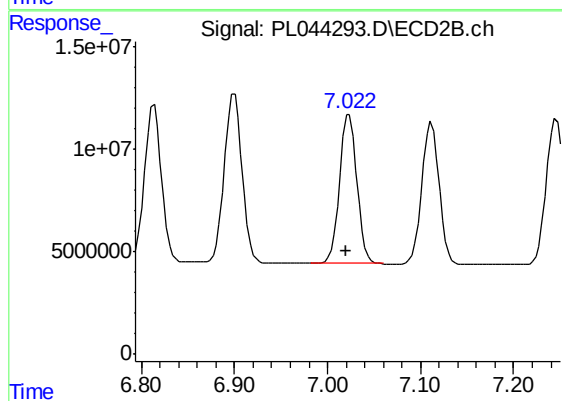
#17 4,4'-DDT

R.T.: 7.112 min  
Delta R.T.: 0.005 min  
Response: 89649862  
Conc: 54.63 ng/ml



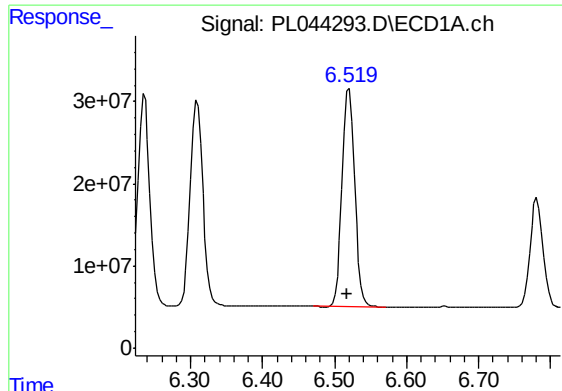
#18 Endrin aldehyde

R.T.: 6.309 min  
Delta R.T.: 0.005 min  
Response: 305880430  
Conc: 54.09 ng/ml



#18 Endrin aldehyde

R.T.: 7.023 min  
Delta R.T.: 0.004 min  
Response: 93957850  
Conc: 49.26 ng/ml



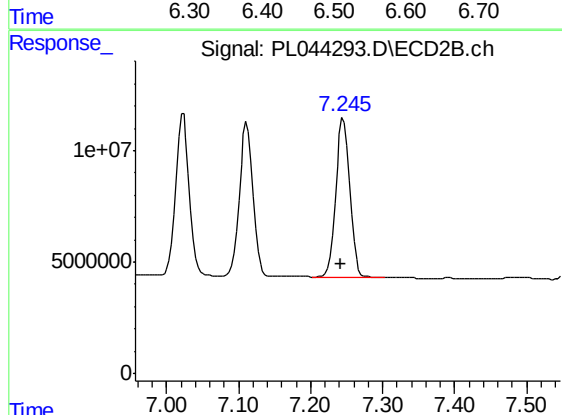
#19 Endosulfan Sulfate

R.T.: 6.520 min  
Delta R.T.: 0.003 min  
Response: 320636021  
Conc: 56.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

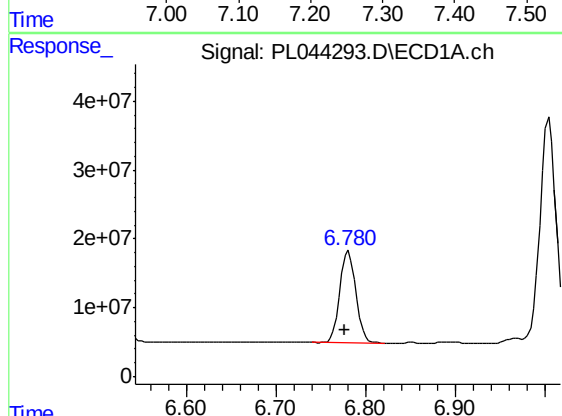
Manual Integrations  
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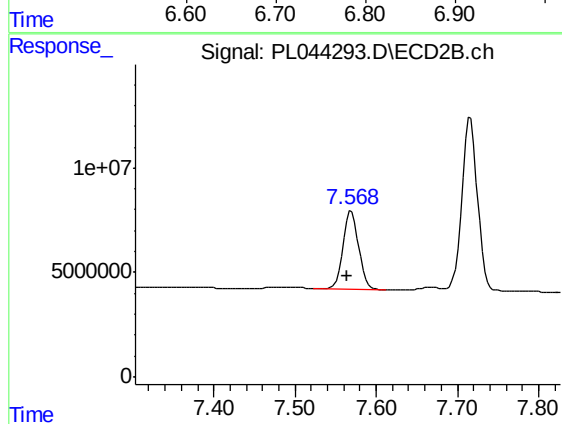
#19 Endosulfan Sulfate

R.T.: 7.246 min  
Delta R.T.: 0.004 min  
Response: 96668970  
Conc: 50.27 ng/ml



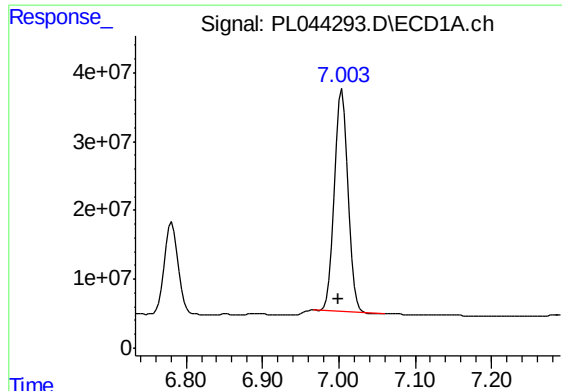
#20 Methoxychlor

R.T.: 6.781 min  
Delta R.T.: 0.004 min  
Response: 166048690  
Conc: 56.00 ng/ml



#20 Methoxychlor

R.T.: 7.570 min  
Delta R.T.: 0.005 min  
Response: 49998901  
Conc: 48.88 ng/ml



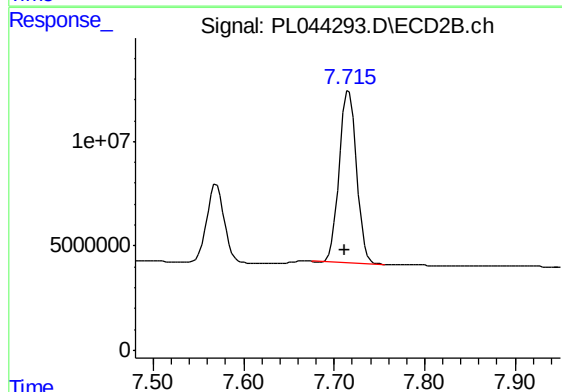
#21 Endrin ketone

R.T.: 7.004 min  
Delta R.T.: 0.004 min  
Response: 396579790  
Conc: 56.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

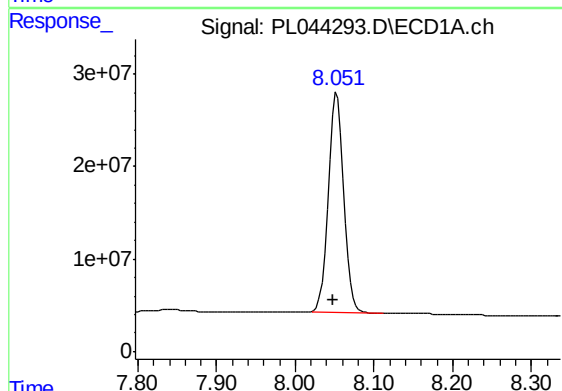
Manual Integrations  
APPROVED

Sohil  
1/30/2019 11:54:01 AM



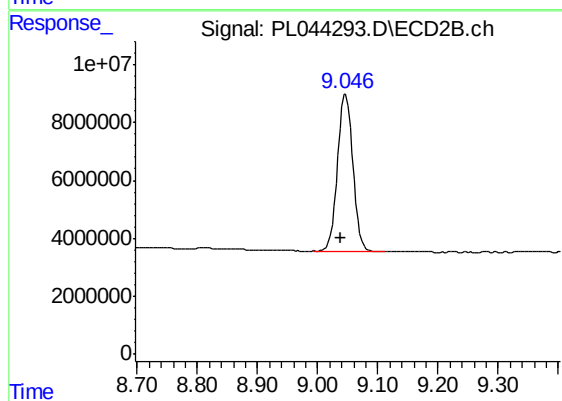
#21 Endrin ketone

R.T.: 7.716 min  
Delta R.T.: 0.005 min  
Response: 108082406  
Conc: 50.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.053 min  
Delta R.T.: 0.005 min  
Response: 326022156  
Conc: 47.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.047 min  
Delta R.T.: 0.007 min  
Response: 96389375  
Conc: 43.45 ng/ml