

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122119\  
 Data File : PL055159.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Dec 2019 17:32  
 Operator : SG\AJ  
 Sample : PB125650BSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB125650BSD

Manual Integrations  
 APPROVED

Ankita  
 12/23/2019 12:08:01 PM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 21 05:31:46 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122119.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Dec 21 05:21:06 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... | 3.534 | 4.048 | 195.0E6 | 51691487 | 18.547  | 19.563  |
| 2)                          | SA Decachlor... | 8.308 | 9.143 | 180.7E6 | 41320744 | 19.475m | 18.719  |
| Target Compounds            |                 |       |       |         |          |         |         |
| 2)                          | A alpha-BHC     | 3.977 | 4.439 | 962.2E6 | 207.8E6  | 55.307  | 56.416  |
| 3)                          | MA gamma-BHC... | 4.263 | 4.725 | 874.8E6 | 191.7E6  | 53.055  | 56.077  |
| 4)                          | MA Heptachlor   | 4.568 | 5.233 | 919.5E6 | 177.8E6  | 56.318  | 56.516  |
| 5)                          | MB Aldrin       | 4.819 | 5.538 | 863.2E6 | 162.3E6  | 56.529  | 56.351  |
| 6)                          | B beta-BHC      | 4.514 | 4.895 | 375.5E6 | 84999101 | 54.757  | 51.760  |
| 7)                          | B delta-BHC     | 4.721 | 5.111 | 824.4E6 | 164.3E6  | 54.468  | 58.765m |
| 8)                          | B Heptachlo...  | 5.264 | 5.925 | 794.7E6 | 145.5E6  | 55.612  | 57.095  |
| 9)                          | A Endosulfan I  | 5.605 | 6.283 | 732.0E6 | 136.4E6  | 55.401  | 55.090  |
| 10)                         | B gamma-Chl...  | 5.490 | 6.160 | 803.7E6 | 147.0E6  | 55.158m | 55.387  |
| 11)                         | B alpha-Chl...  | 5.550 | 6.232 | 775.3E6 | 145.8E6  | 55.067  | 55.589  |
| 12)                         | B 4,4'-DDE      | 5.713 | 6.389 | 740.1E6 | 137.5E6  | 55.538  | 56.387  |
| 13)                         | MA Dieldrin     | 5.848 | 6.540 | 777.4E6 | 144.2E6  | 55.685  | 56.505  |
| 14)                         | MA Endrin       | 6.108 | 6.758 | 728.8E6 | 119.8E6  | 57.341  | 55.827  |
| 15)                         | B Endosulfa...  | 6.380 | 6.967 | 622.9E6 | 130.1E6  | 53.074  | 54.876m |
| 16)                         | A 4,4'-DDD      | 6.230 | 6.880 | 535.5E6 | 107.9E6  | 55.752  | 56.752  |
| 17)                         | MA 4,4'-DDT     | 6.472 | 7.180 | 582.3E6 | 111.2E6  | 57.845  | 56.655  |
| 18)                         | B Endrin al...  | 6.548 | 7.093 | 525.4E6 | 106.7E6  | 53.951  | 55.268  |
| 19)                         | B Endosulfa...  | 6.762 | 7.317 | 555.0E6 | 111.8E6  | 55.178  | 53.524  |
| 20)                         | A Methoxychlor  | 7.016 | 7.640 | 274.4E6 | 58502426 | 56.931  | 54.206  |
| 21)                         | B Endrin ke...  | 7.256 | 7.790 | 612.8E6 | 126.3E6  | 58.464  | 56.712  |
| 22)                         | Mirex           | 7.447 | 8.247 | 451.3E6 | 99863396 | 59.253  | 60.229  |
| -----                       |                 |       |       |         |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122119\  
 Data File : PL055159.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Dec 2019 17:32  
 Operator : SG\AJ  
 Sample : PB125650BSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

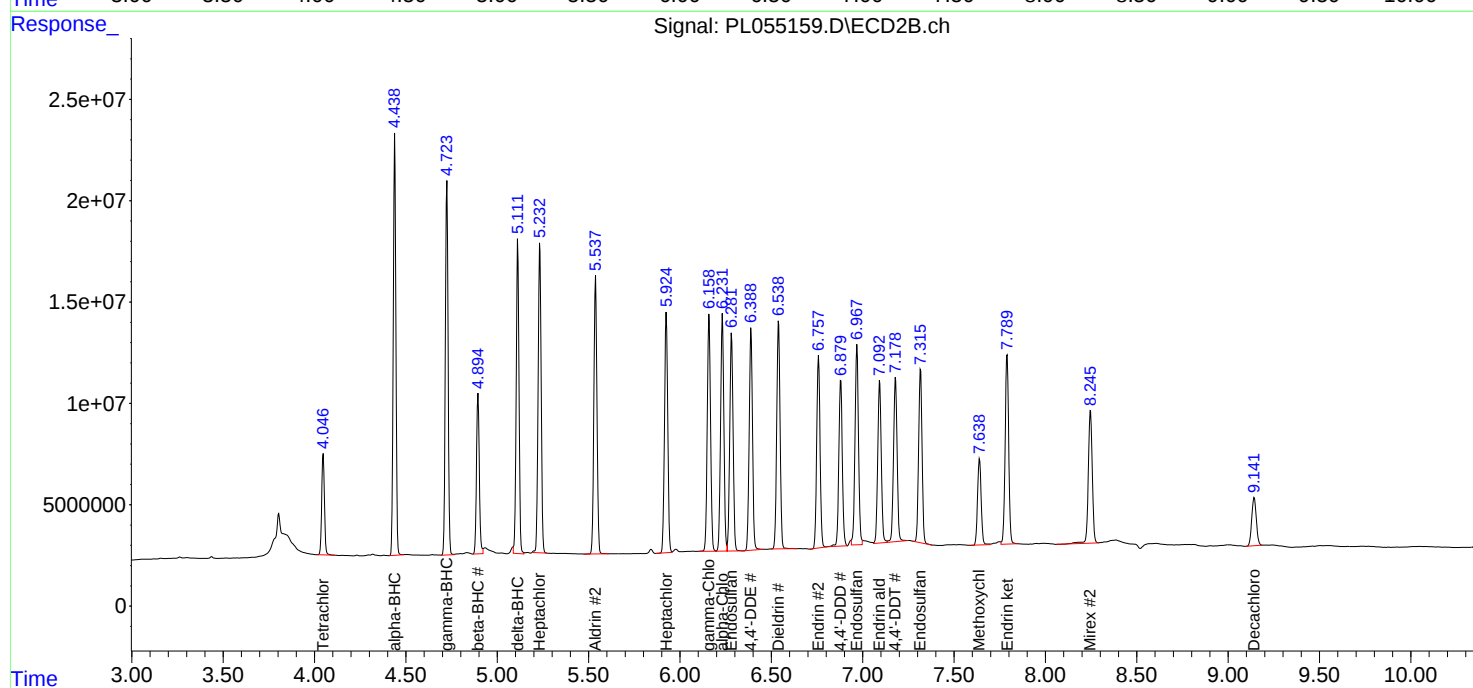
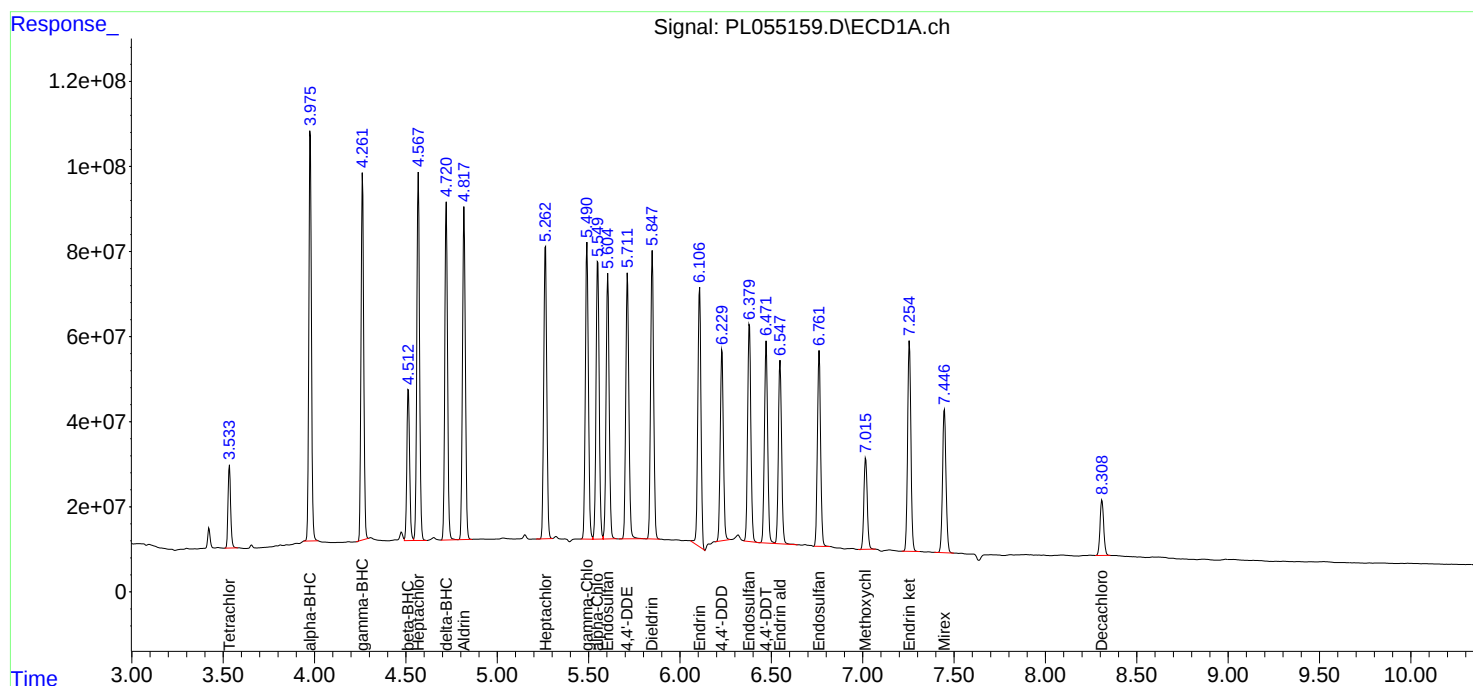
Instrument :  
 ECD\_L  
 ClientSampled :  
 PB125650BSD

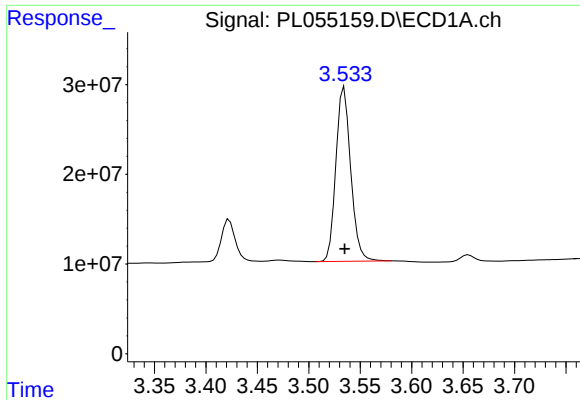
Manual Integrations  
 APPROVED

Ankita  
 12/23/2019 12:08:01 PM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 21 05:31:46 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122119.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Dec 21 05:21:06 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





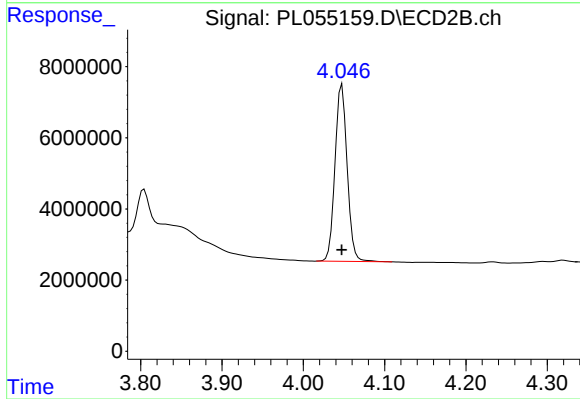
#1 Tetrachloro-m-xylene

R.T.: 3.534 min  
Delta R.T.: 0.000 min  
Response: 195047985  
Conc: 18.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125650BSD

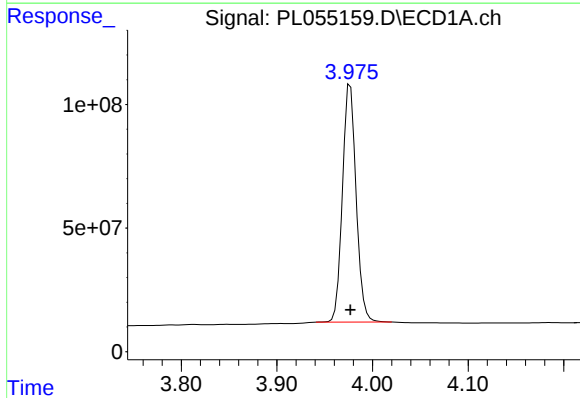
Manual Integrations  
APPROVED

Ankita  
12/23/2019 12:08:01 PM



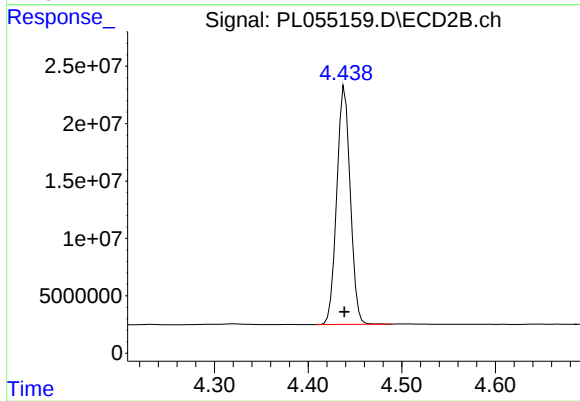
#1 Tetrachloro-m-xylene

R.T.: 4.048 min  
Delta R.T.: 0.000 min  
Response: 51691487  
Conc: 19.56 ng/ml



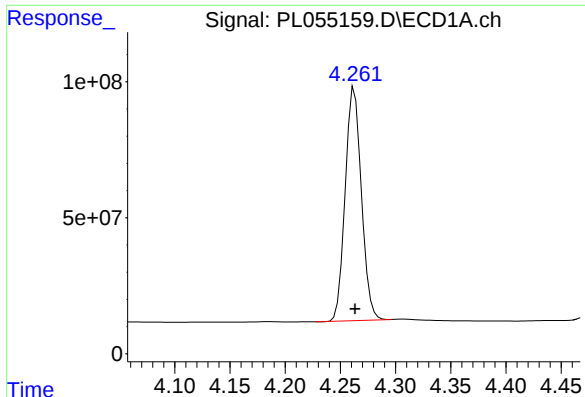
#2 alpha-BHC

R.T.: 3.977 min  
Delta R.T.: 0.000 min  
Response: 962207637  
Conc: 55.31 ng/ml



#2 alpha-BHC

R.T.: 4.439 min  
Delta R.T.: 0.000 min  
Response: 207767857  
Conc: 56.42 ng/ml



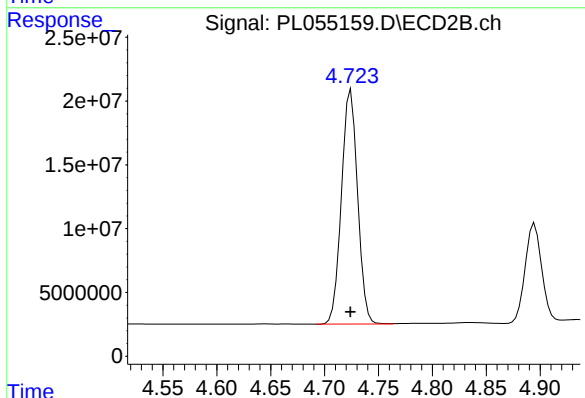
#3 gamma-BHC (Lindane)

R.T.: 4.263 min  
Delta R.T.: 0.000 min  
Response: 874789052  
Conc: 53.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125650BSD

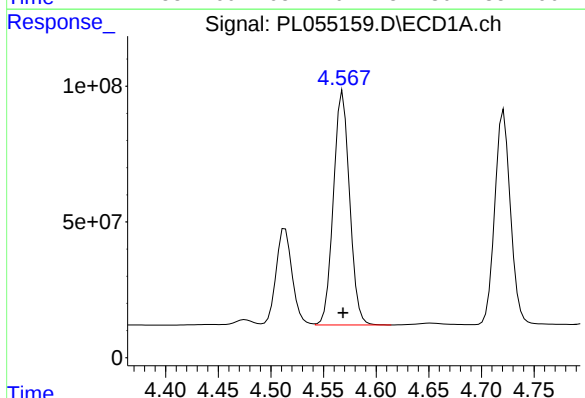
Manual Integrations  
APPROVED

Ankita  
12/23/2019 12:08:01 PM



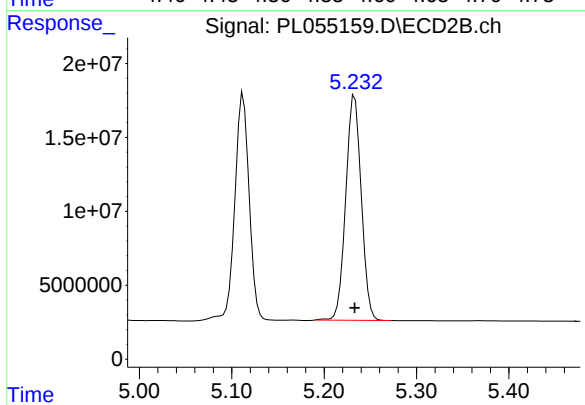
#3 gamma-BHC (Lindane)

R.T.: 4.725 min  
Delta R.T.: 0.000 min  
Response: 191704577  
Conc: 56.08 ng/ml



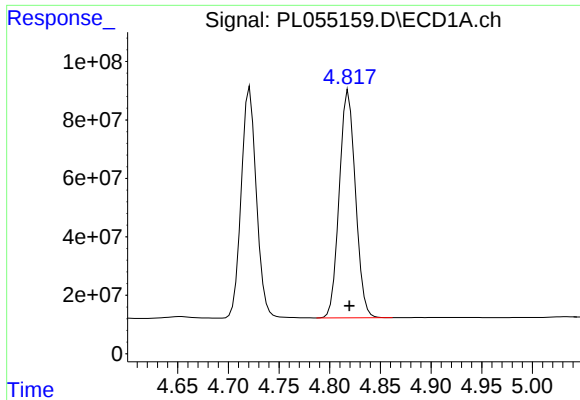
#4 Heptachlor

R.T.: 4.568 min  
Delta R.T.: 0.000 min  
Response: 919515471  
Conc: 56.32 ng/ml



#4 Heptachlor

R.T.: 5.233 min  
Delta R.T.: 0.000 min  
Response: 177804490  
Conc: 56.52 ng/ml



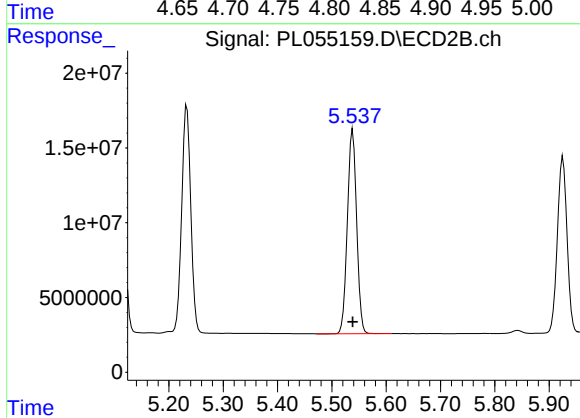
#5 Aldrin

R.T.: 4.819 min  
Delta R.T.: 0.000 min  
Response: 863160085  
Conc: 56.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125650BSD

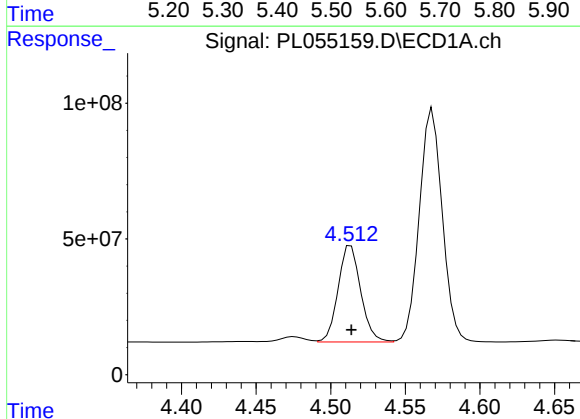
Manual Integrations  
APPROVED

Ankita  
12/23/2019 12:08:01 PM



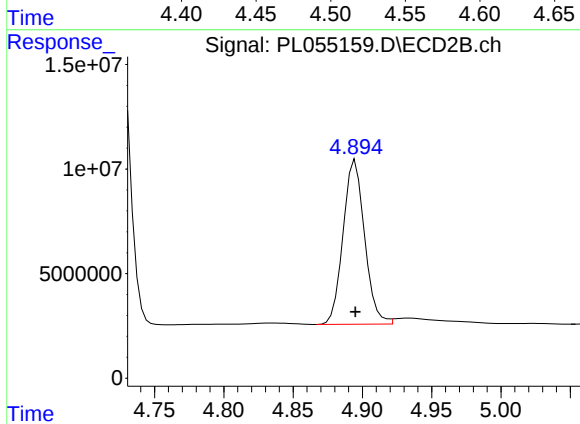
#5 Aldrin

R.T.: 5.538 min  
Delta R.T.: 0.000 min  
Response: 162262371  
Conc: 56.35 ng/ml



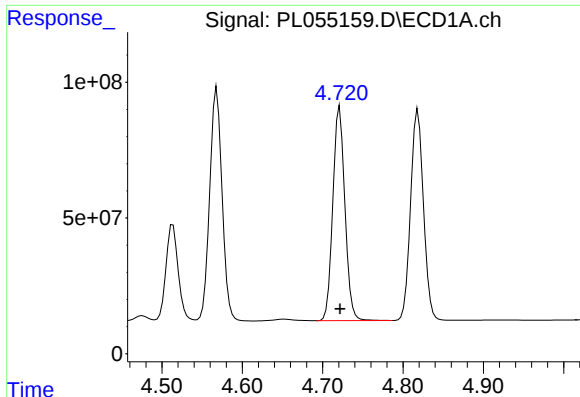
#6 beta-BHC

R.T.: 4.514 min  
Delta R.T.: 0.000 min  
Response: 375493474  
Conc: 54.76 ng/ml



#6 beta-BHC

R.T.: 4.895 min  
Delta R.T.: 0.000 min  
Response: 84999101  
Conc: 51.76 ng/ml



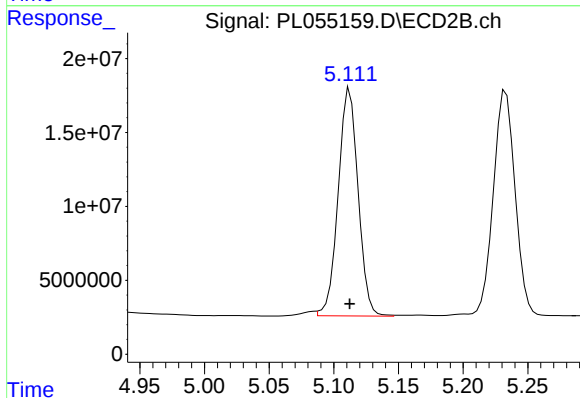
#7 delta-BHC

R.T.: 4.721 min  
Delta R.T.: 0.000 min  
Response: 824437959  
Conc: 54.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125650BSD

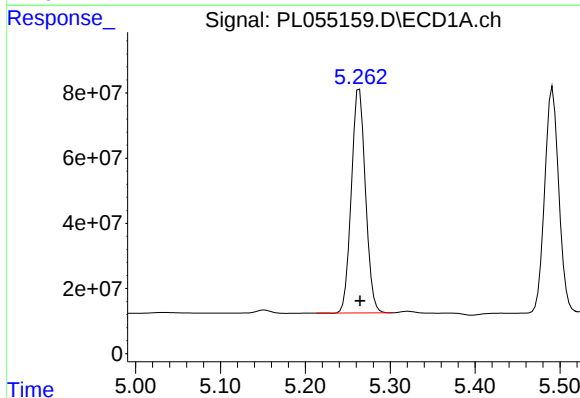
Manual Integrations  
APPROVED

Ankita  
12/23/2019 12:08:01 PM



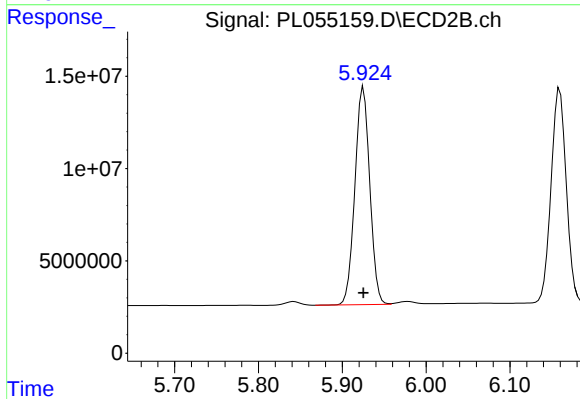
#7 delta-BHC

R.T.: 5.111 min  
Delta R.T.: -0.001 min  
Response: 164325890  
Conc: 58.77 ng/ml m



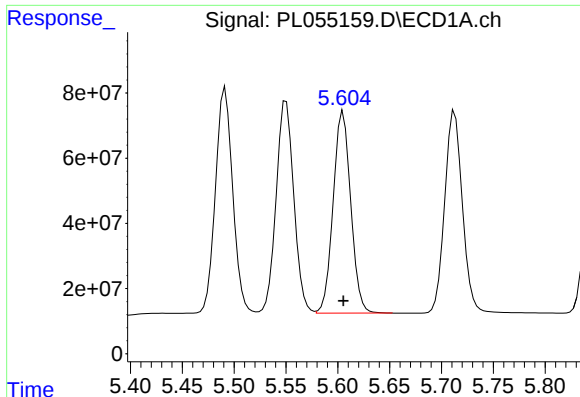
#8 Heptachlor epoxide

R.T.: 5.264 min  
Delta R.T.: 0.000 min  
Response: 794652789  
Conc: 55.61 ng/ml



#8 Heptachlor epoxide

R.T.: 5.925 min  
Delta R.T.: 0.000 min  
Response: 145523917  
Conc: 57.09 ng/ml



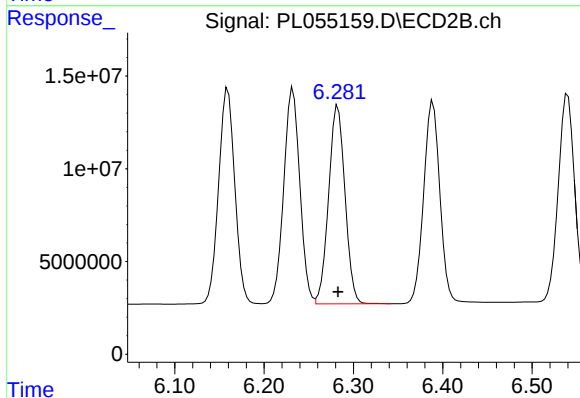
#9 Endosulfan I

R.T.: 5.605 min  
Delta R.T.: 0.000 min  
Response: 732012094  
Conc: 55.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125650BSD

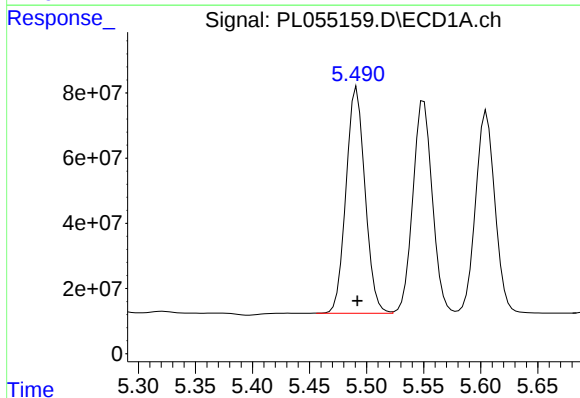
Manual Integrations  
APPROVED

Ankita  
12/23/2019 12:08:01 PM



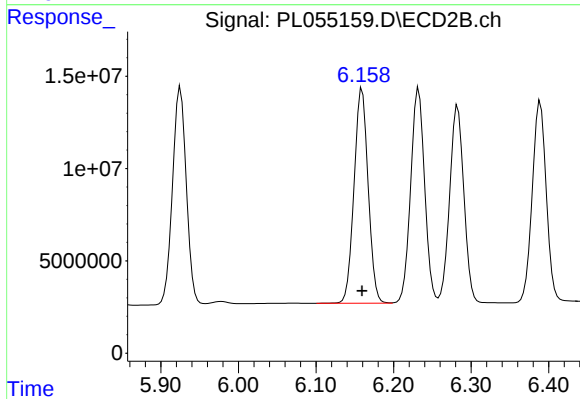
#9 Endosulfan I

R.T.: 6.283 min  
Delta R.T.: 0.000 min  
Response: 136447168  
Conc: 55.09 ng/ml



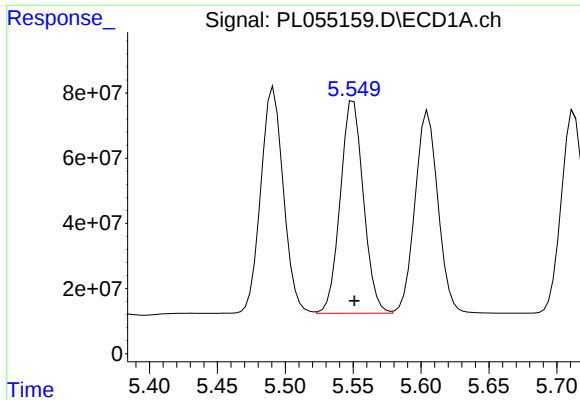
#10 gamma-Chlordane

R.T.: 5.490 min  
Delta R.T.: -0.002 min  
Response: 803659201  
Conc: 55.16 ng/ml m



#10 gamma-Chlordane

R.T.: 6.160 min  
Delta R.T.: 0.000 min  
Response: 147005198  
Conc: 55.39 ng/ml



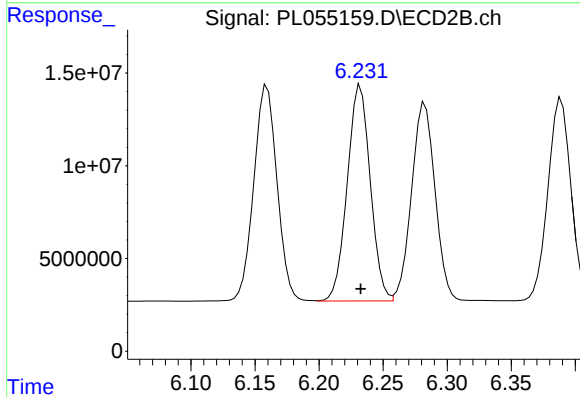
#11 alpha-Chlordane

R.T.: 5.550 min  
Delta R.T.: 0.000 min  
Response: 775292814  
Conc: 55.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125650BSD

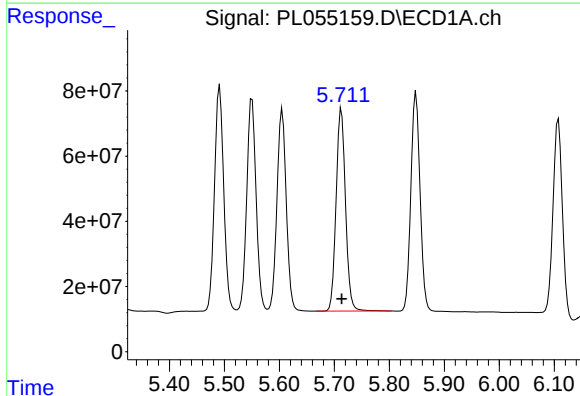
Manual Integrations  
APPROVED

Ankita  
12/23/2019 12:08:01 PM



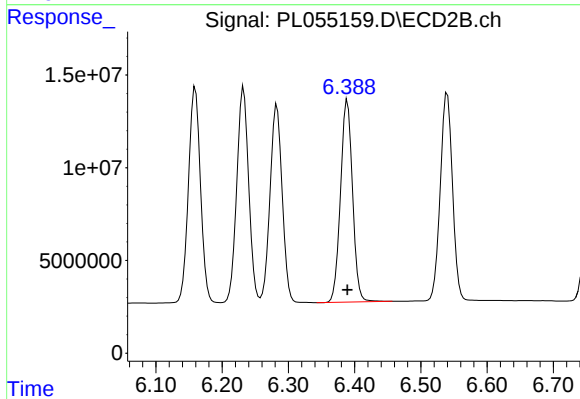
#11 alpha-Chlordane

R.T.: 6.232 min  
Delta R.T.: 0.000 min  
Response: 145772041  
Conc: 55.59 ng/ml



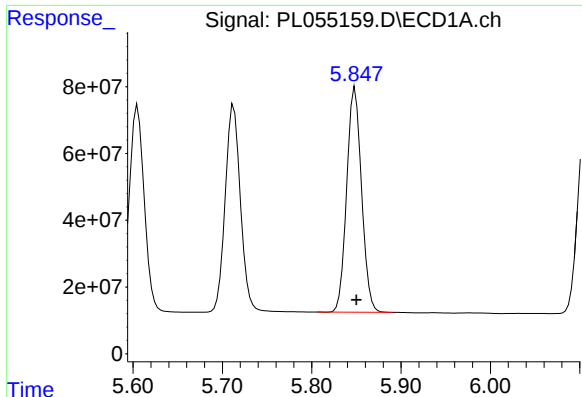
#12 4,4'-DDE

R.T.: 5.713 min  
Delta R.T.: 0.000 min  
Response: 740113623  
Conc: 55.54 ng/ml



#12 4,4'-DDE

R.T.: 6.389 min  
Delta R.T.: 0.000 min  
Response: 137486279  
Conc: 56.39 ng/ml



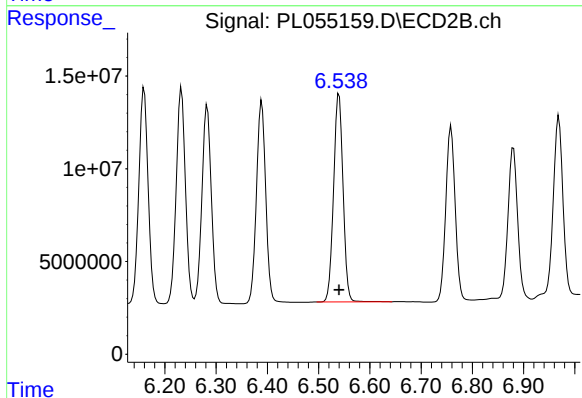
#13 Dieldrin

R.T.: 5.848 min  
Delta R.T.: -0.001 min  
Response: 777360907  
Conc: 55.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125650BSD

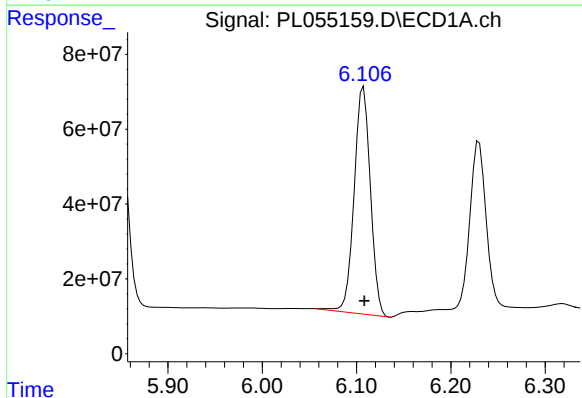
Manual Integrations  
APPROVED

Ankita  
12/23/2019 12:08:01 PM



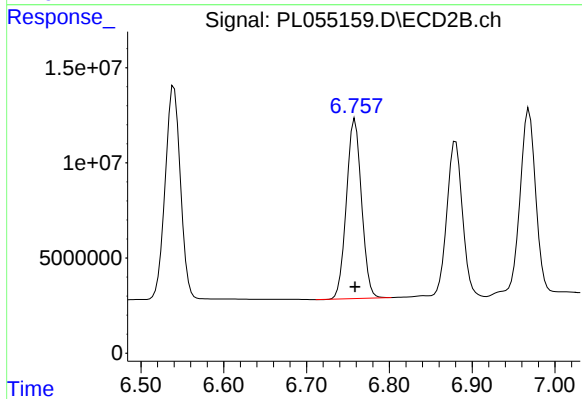
#13 Dieldrin

R.T.: 6.540 min  
Delta R.T.: 0.000 min  
Response: 144204943  
Conc: 56.51 ng/ml



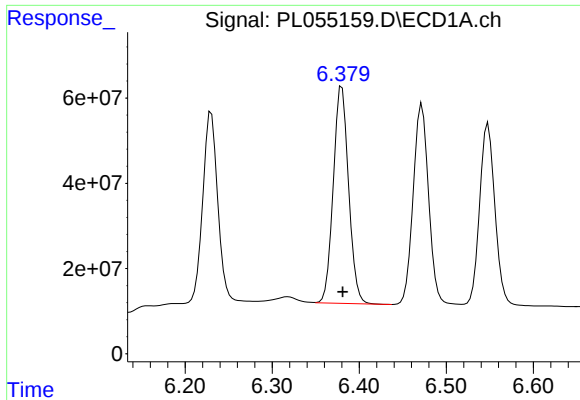
#14 Endrin

R.T.: 6.108 min  
Delta R.T.: 0.000 min  
Response: 728778834  
Conc: 57.34 ng/ml



#14 Endrin

R.T.: 6.758 min  
Delta R.T.: 0.000 min  
Response: 119803247  
Conc: 55.83 ng/ml



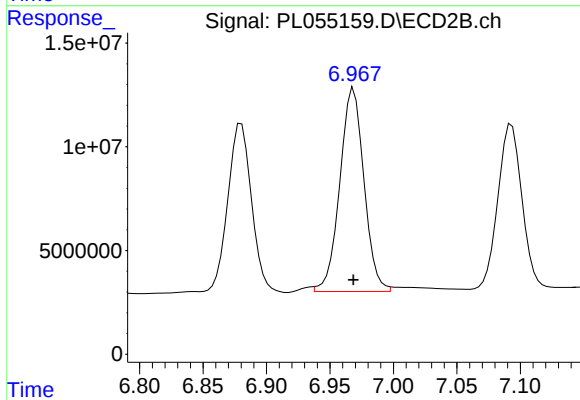
#15 Endosulfan II

R.T.: 6.380 min  
Delta R.T.: -0.001 min  
Response: 622918385  
Conc: 53.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125650BSD

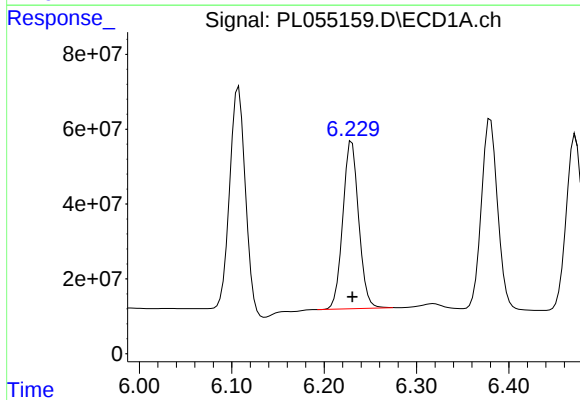
Manual Integrations  
APPROVED

Ankita  
12/23/2019 12:08:01 PM



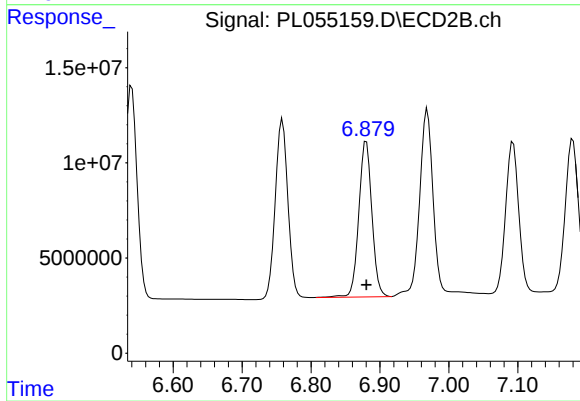
#15 Endosulfan II

R.T.: 6.967 min  
Delta R.T.: -0.001 min  
Response: 130096619  
Conc: 54.88 ng/ml m



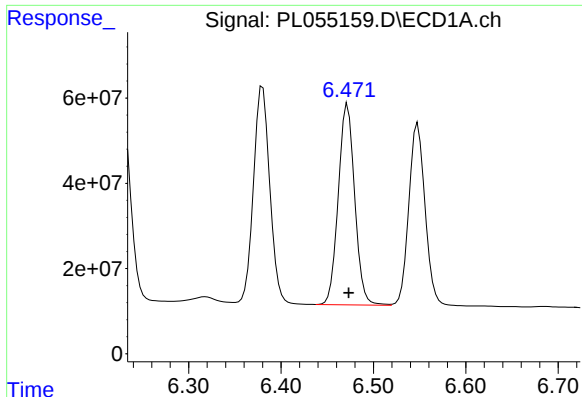
#16 4,4'-DDD

R.T.: 6.230 min  
Delta R.T.: 0.000 min  
Response: 535474994  
Conc: 55.75 ng/ml



#16 4,4'-DDD

R.T.: 6.880 min  
Delta R.T.: 0.000 min  
Response: 107890646  
Conc: 56.75 ng/ml



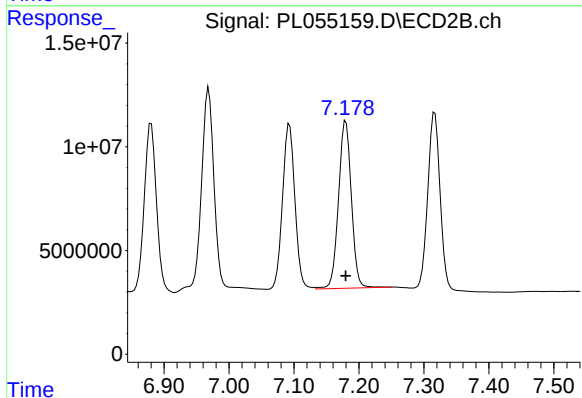
#17 4,4'-DDT

R.T.: 6.472 min  
Delta R.T.: -0.001 min  
Response: 582333826  
Conc: 57.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125650BSD

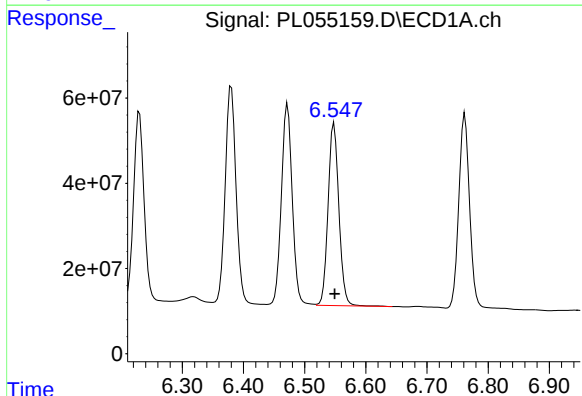
Manual Integrations  
APPROVED

Ankita  
12/23/2019 12:08:01 PM



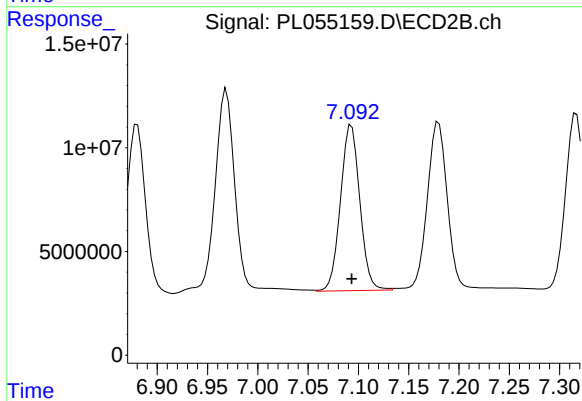
#17 4,4'-DDT

R.T.: 7.180 min  
Delta R.T.: 0.000 min  
Response: 111193205  
Conc: 56.66 ng/ml



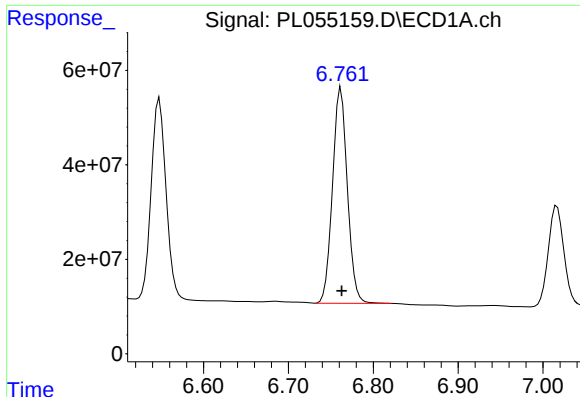
#18 Endrin aldehyde

R.T.: 6.548 min  
Delta R.T.: -0.001 min  
Response: 525445151  
Conc: 53.95 ng/ml



#18 Endrin aldehyde

R.T.: 7.093 min  
Delta R.T.: 0.000 min  
Response: 106662017  
Conc: 55.27 ng/ml



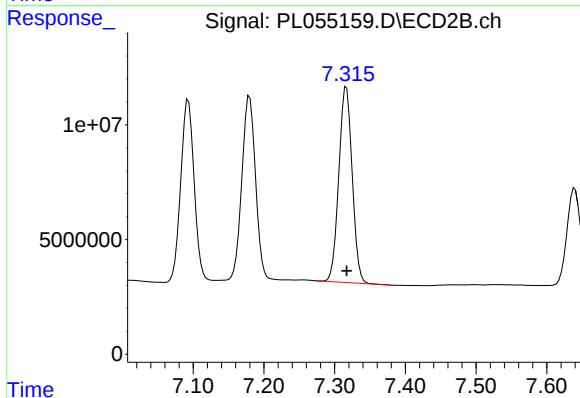
#19 Endosulfan Sulfate

R.T.: 6.762 min  
Delta R.T.: 0.000 min  
Response: 555024621  
Conc: 55.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125650BSD

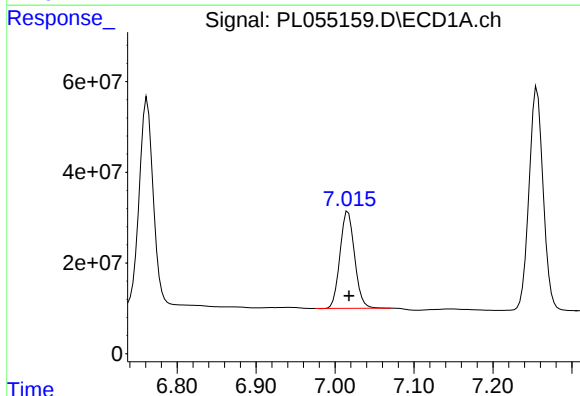
Manual Integrations  
APPROVED

Ankita  
12/23/2019 12:08:01 PM



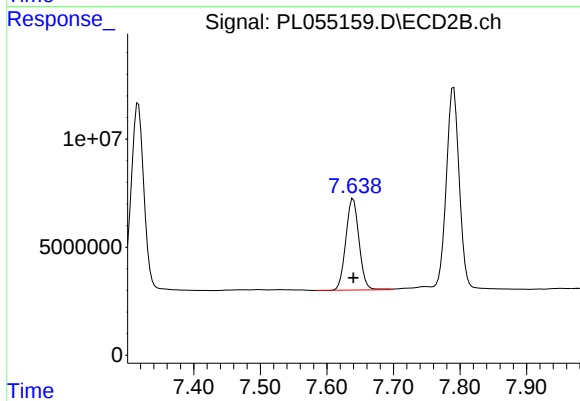
#19 Endosulfan Sulfate

R.T.: 7.317 min  
Delta R.T.: 0.000 min  
Response: 111788145  
Conc: 53.52 ng/ml



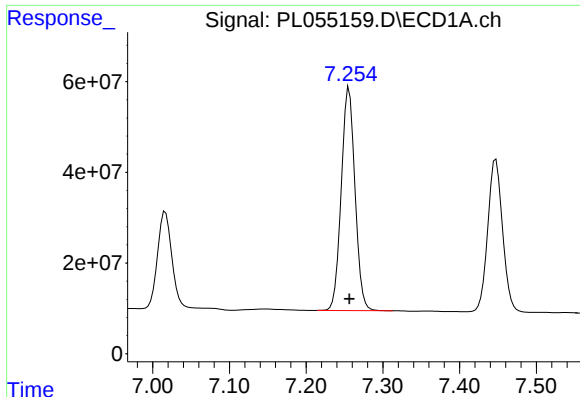
#20 Methoxychlor

R.T.: 7.016 min  
Delta R.T.: -0.001 min  
Response: 274375794  
Conc: 56.93 ng/ml



#20 Methoxychlor

R.T.: 7.640 min  
Delta R.T.: 0.000 min  
Response: 58502426  
Conc: 54.21 ng/ml



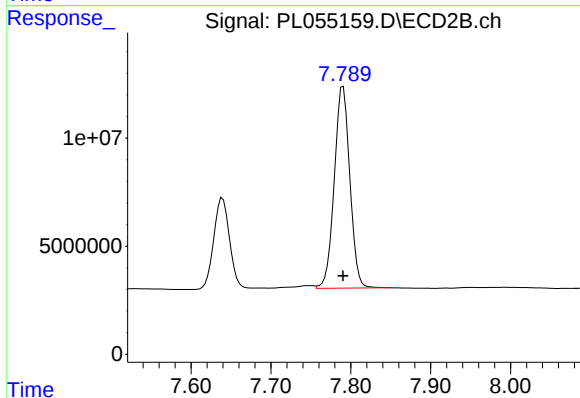
#21 Endrin ketone

R.T.: 7.256 min  
Delta R.T.: 0.000 min  
Response: 612803946  
Conc: 58.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125650BSD

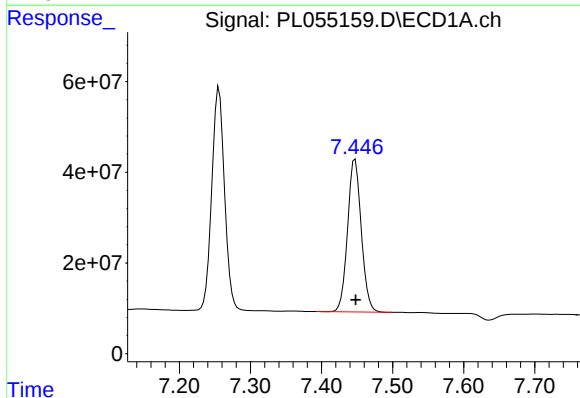
Manual Integrations  
APPROVED

Ankita  
12/23/2019 12:08:01 PM



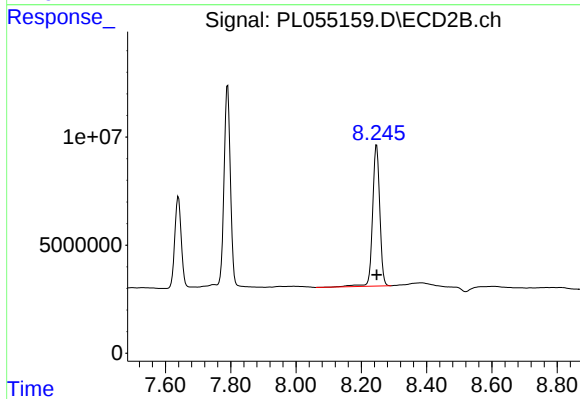
#21 Endrin ketone

R.T.: 7.790 min  
Delta R.T.: 0.000 min  
Response: 126295487  
Conc: 56.71 ng/ml



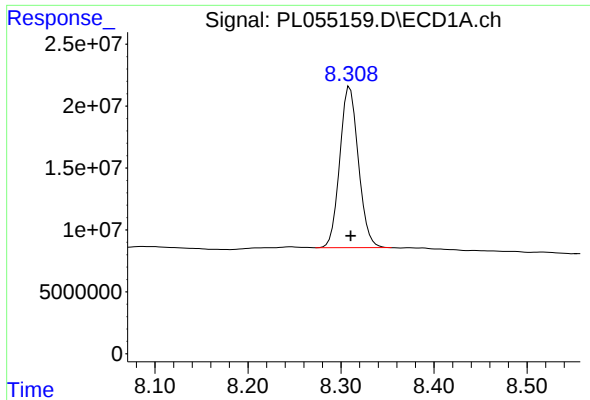
#22 Mirex

R.T.: 7.447 min  
Delta R.T.: -0.001 min  
Response: 451334211  
Conc: 59.25 ng/ml



#22 Mirex

R.T.: 8.247 min  
Delta R.T.: 0.000 min  
Response: 99863396  
Conc: 60.23 ng/ml



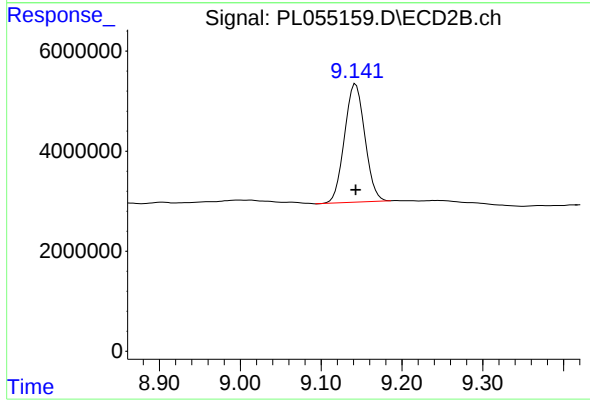
#28 Decachlorobiphenyl

R.T.: 8.308 min  
Delta R.T.: -0.002 min  
Response: 180703305  
Conc: 19.47 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PB125650BSD

Manual Integrations  
APPROVED

Ankita  
12/23/2019 12:08:01 PM



#28 Decachlorobiphenyl

R.T.: 9.143 min  
Delta R.T.: 0.000 min  
Response: 41320744  
Conc: 18.72 ng/ml