

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100419\  
 Data File : PL053085.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Oct 2019 16:09  
 Operator : SG\AJ  
 Sample : K5140-04MS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 HR-05-100219MS

Manual Integrations  
 APPROVED

Ankita  
 10/7/2019 1:56:52 PM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 04 22:56:15 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092919.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 30 08:44:08 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... | 3.548 | 4.049 | 183.5E6 | 50271956 | 18.447 | 18.722  |
| 28)                         | SA Decachlor... | 8.340 | 9.126 | 185.5E6 | 59236241 | 18.520 | 20.192  |
| Target Compounds            |                 |       |       |         |          |        |         |
| 2)                          | A alpha-BHC     | 3.992 | 4.439 | 912.6E6 | 229.5E6  | 57.212 | 59.775  |
| 3)                          | MA gamma-BHC... | 4.279 | 4.724 | 836.6E6 | 210.4E6  | 57.441 | 58.094  |
| 4)                          | MA Heptachlor   | 4.587 | 5.235 | 877.4E6 | 222.1E6  | 58.719 | 58.284  |
| 5)                          | MB Aldrin       | 4.839 | 5.540 | 815.4E6 | 203.3E6  | 59.278 | 58.657  |
| 6)                          | B beta-BHC      | 4.529 | 4.893 | 350.5E6 | 95344994 | 56.453 | 60.659  |
| 7)                          | B delta-BHC     | 4.738 | 5.111 | 779.2E6 | 191.3E6  | 54.377 | 52.857  |
| 8)                          | B Heptachlor... | 5.285 | 5.926 | 754.4E6 | 187.9E6  | 57.894 | 56.067  |
| 9)                          | A Endosulfan I  | 5.628 | 6.283 | 692.9E6 | 179.0E6  | 57.097 | 57.255  |
| 10)                         | B gamma-Chl...  | 5.515 | 6.159 | 771.7E6 | 194.2E6  | 57.386 | 57.402  |
| 11)                         | B alpha-Chl...  | 5.573 | 6.232 | 743.7E6 | 191.6E6  | 56.388 | 56.914  |
| 12)                         | B 4,4'-DDE      | 5.737 | 6.388 | 696.0E6 | 190.9E6  | 59.971 | 58.459  |
| 13)                         | MA Dieldrin     | 5.873 | 6.540 | 747.1E6 | 188.6E6  | 57.878 | 57.807  |
| 14)                         | MA Endrin       | 6.131 | 6.757 | 671.8E6 | 162.9E6  | 58.977 | 58.663  |
| 15)                         | B Endosulfa...  | 6.404 | 6.966 | 630.5E6 | 173.5E6  | 55.017 | 58.476  |
| 16)                         | A 4,4'-DDD      | 6.255 | 6.877 | 553.8E6 | 150.9E6  | 61.609 | 61.528  |
| 17)                         | MA 4,4'-DDT     | 6.498 | 7.176 | 575.6E6 | 147.0E6  | 56.367 | 56.466  |
| 18)                         | B Endrin al...  | 6.573 | 7.089 | 506.3E6 | 136.8E6  | 53.912 | 55.793  |
| 19)                         | B Endosulfa...  | 6.786 | 7.312 | 560.2E6 | 149.6E6  | 53.820 | 54.779  |
| 20)                         | A Methoxychlor  | 7.044 | 7.633 | 281.0E6 | 78980627 | 54.470 | 56.097  |
| 21)                         | B Endrin ke...  | 7.281 | 7.782 | 622.1E6 | 163.5E6  | 53.380 | 57.328m |
| 22)                         | Mirex           | 7.476 | 8.239 | 526.0E6 | 140.9E6  | 55.703 | 62.637  |
| -----                       |                 |       |       |         |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100419\  
Data File : PL053085.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Oct 2019 16:09  
Operator : SG\AJ  
Sample : K5140-04MS  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

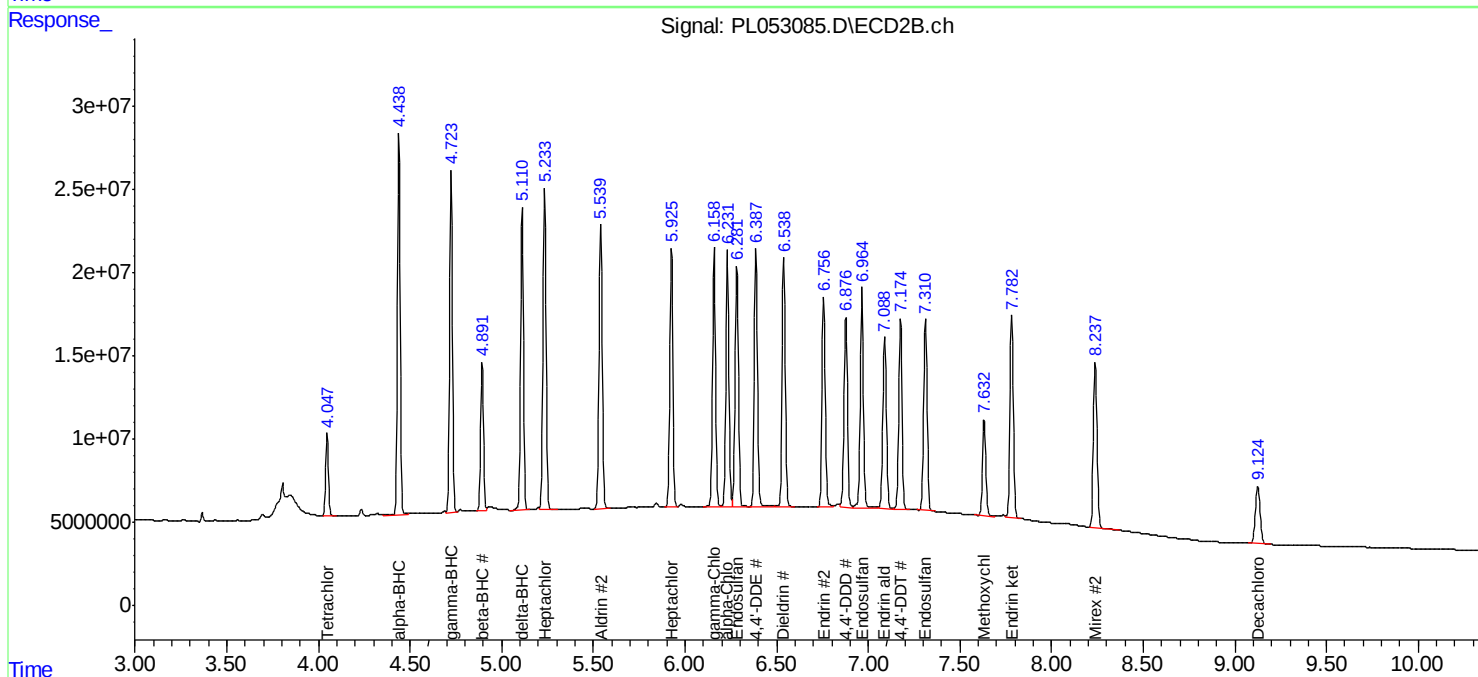
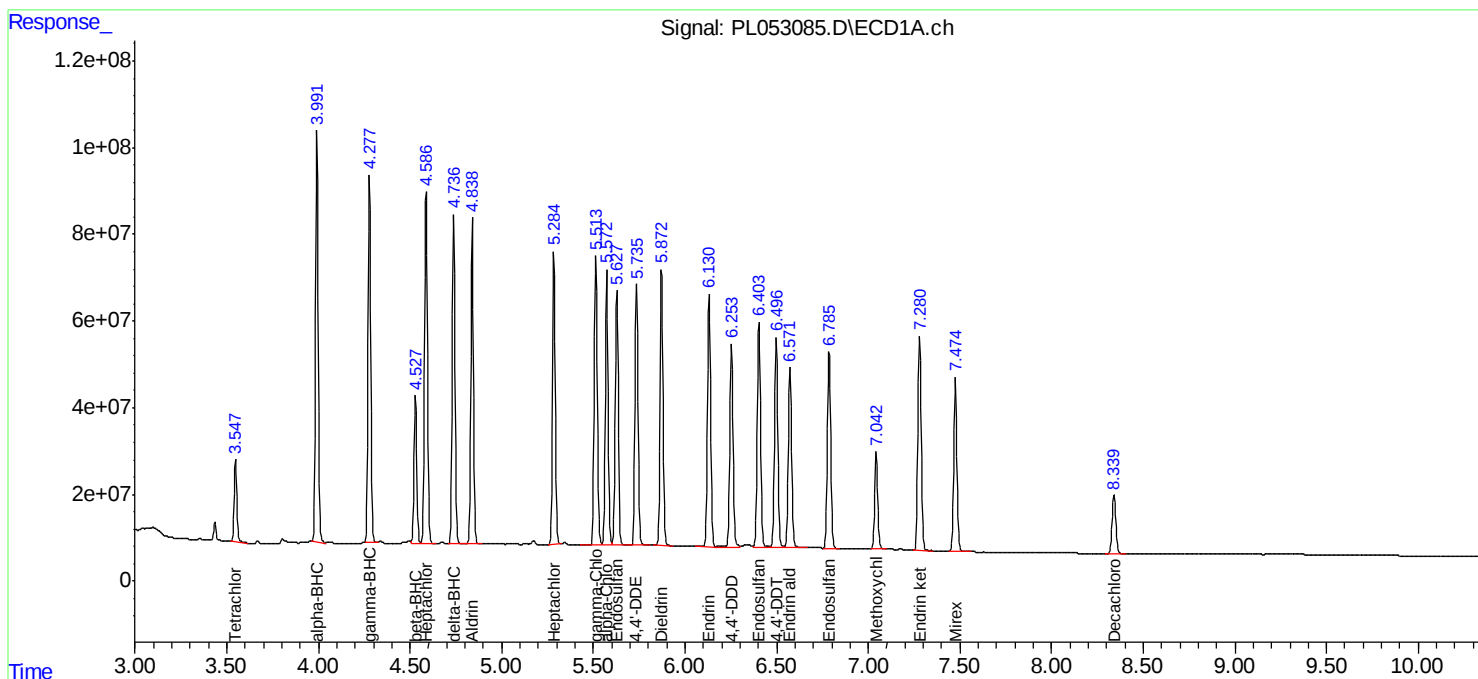
Instrument :  
ECD\_L  
ClientSampled :  
HR-05-100219MS

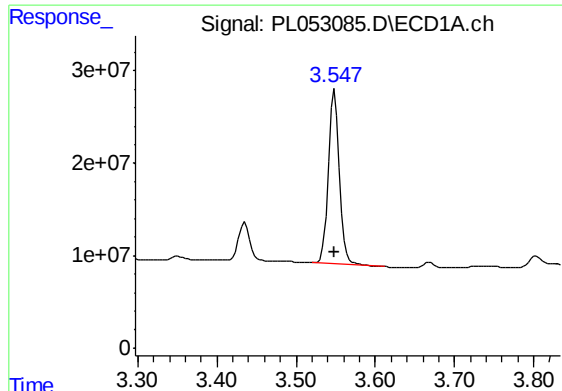
Manual Integrations  
APPROVED

Ankita  
10/7/2019 1:56:52 PM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 04 22:56:15 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092919.M  
Quant Title : GC Extractables  
QLast Update : Mon Sep 30 08:44:08 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





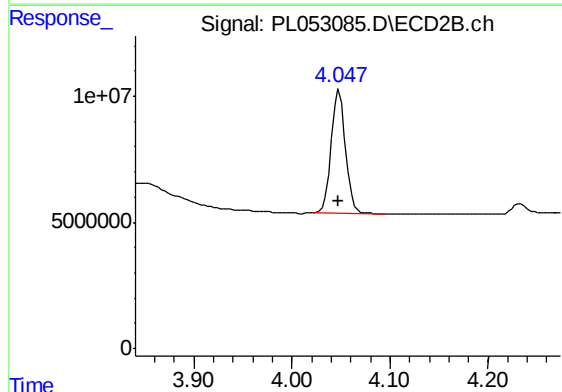
#1 Tetrachloro-m-xylene

R.T.: 3.548 min  
Delta R.T.: 0.000 min  
Response: 183483695  
Conc: 18.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HR-05-100219MS

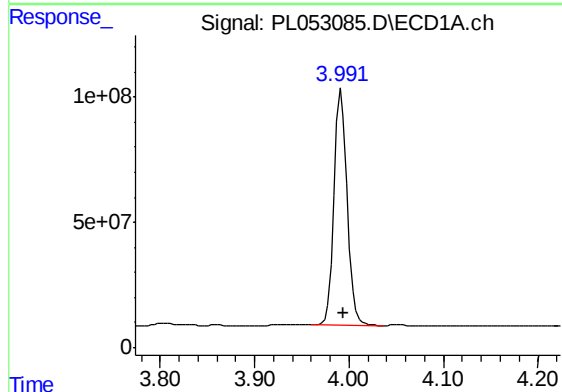
Manual Integrations  
APPROVED

Ankita  
10/7/2019 1:56:52 PM



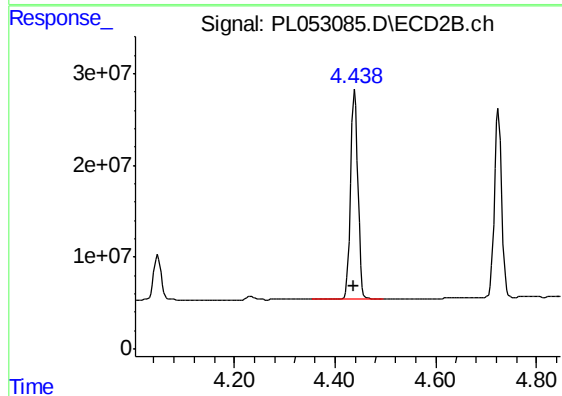
#1 Tetrachloro-m-xylene

R.T.: 4.049 min  
Delta R.T.: 0.001 min  
Response: 50271956  
Conc: 18.72 ng/ml



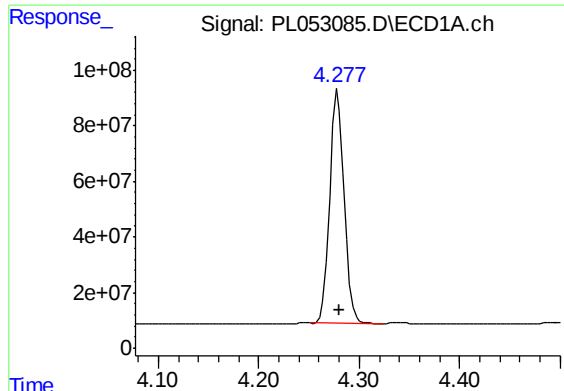
#2 alpha-BHC

R.T.: 3.992 min  
Delta R.T.: -0.002 min  
Response: 912561542  
Conc: 57.21 ng/ml



#2 alpha-BHC

R.T.: 4.439 min  
Delta R.T.: 0.000 min  
Response: 229537694  
Conc: 59.77 ng/ml



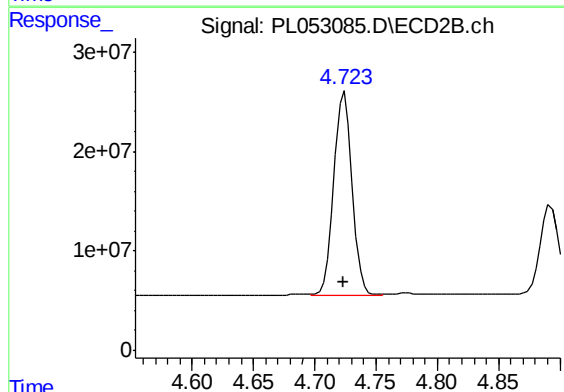
#3 gamma-BHC (Lindane)

R.T.: 4.279 min  
Delta R.T.: -0.002 min  
Response: 836612984  
Conc: 57.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HR-05-100219MS

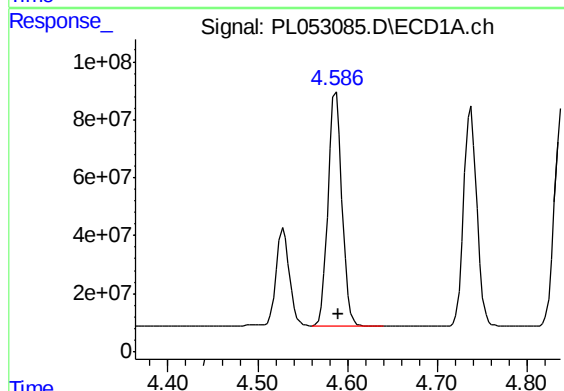
Manual Integrations  
APPROVED

Ankita  
10/7/2019 1:56:52 PM



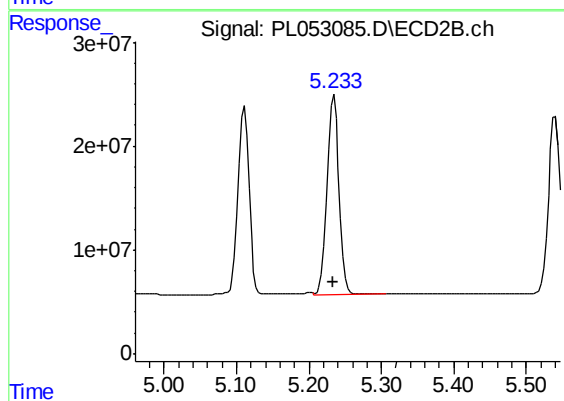
#3 gamma-BHC (Lindane)

R.T.: 4.724 min  
Delta R.T.: 0.001 min  
Response: 210370611  
Conc: 58.09 ng/ml



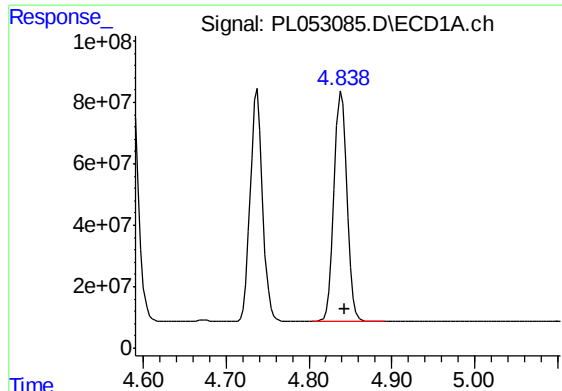
#4 Heptachlor

R.T.: 4.587 min  
Delta R.T.: -0.003 min  
Response: 877382013  
Conc: 58.72 ng/ml



#4 Heptachlor

R.T.: 5.235 min  
Delta R.T.: 0.001 min  
Response: 222104111  
Conc: 58.28 ng/ml



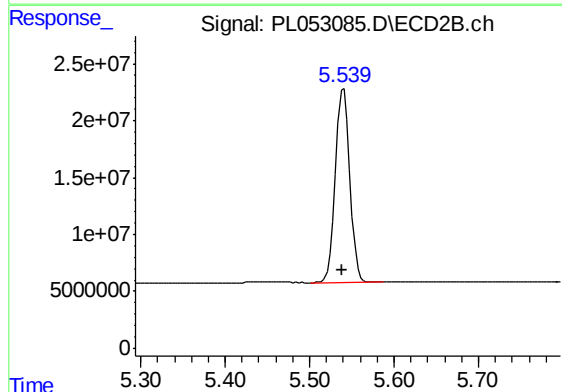
#5 Aldrin

R.T.: 4.839 min  
Delta R.T.: -0.003 min  
Response: 815382306  
Conc: 59.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HR-05-100219MS

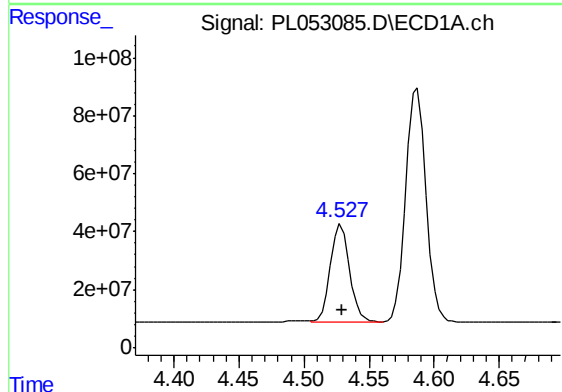
Manual Integrations  
APPROVED

Ankita  
10/7/2019 1:56:52 PM



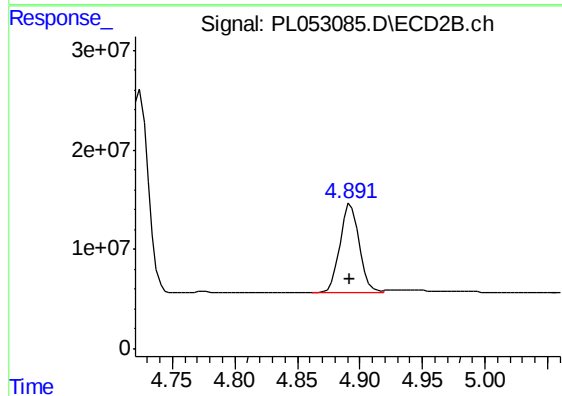
#5 Aldrin

R.T.: 5.540 min  
Delta R.T.: 0.001 min  
Response: 203282903  
Conc: 58.66 ng/ml



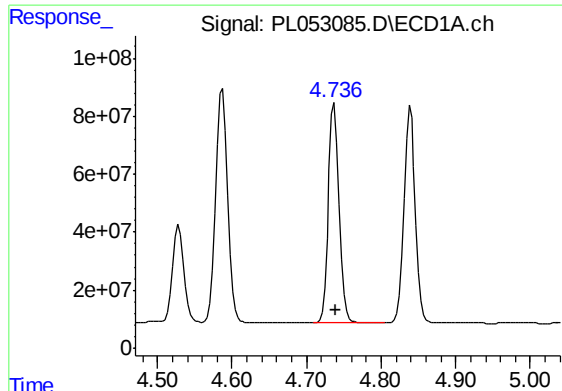
#6 beta-BHC

R.T.: 4.529 min  
Delta R.T.: -0.001 min  
Response: 350491565  
Conc: 56.45 ng/ml



#6 beta-BHC

R.T.: 4.893 min  
Delta R.T.: 0.000 min  
Response: 95344994  
Conc: 60.66 ng/ml



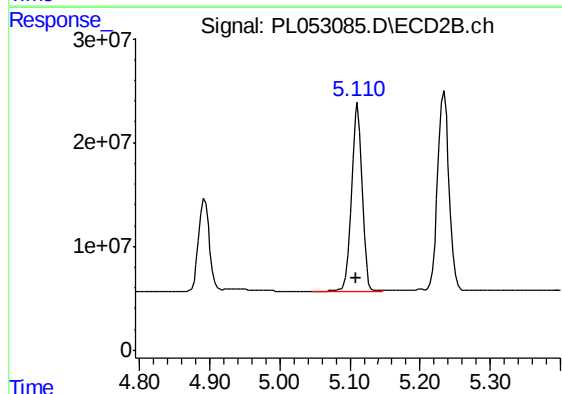
#7 delta-BHC

R.T.: 4.738 min  
Delta R.T.: -0.002 min  
Response: 779183229  
Conc: 54.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HR-05-100219MS

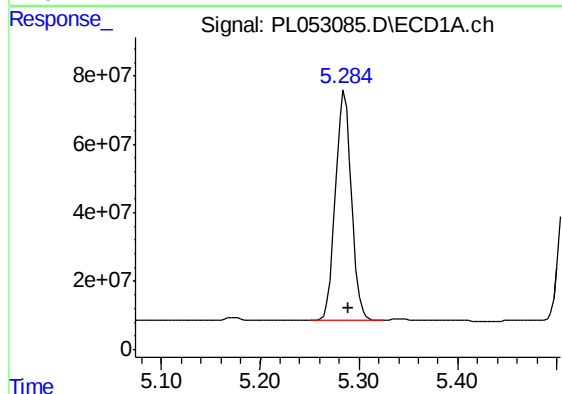
Manual Integrations  
APPROVED

Ankita  
10/7/2019 1:56:52 PM



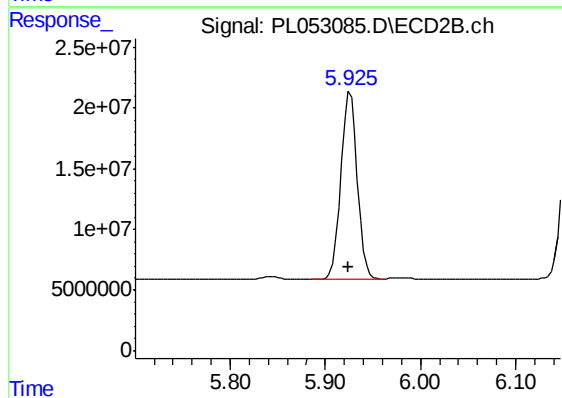
#7 delta-BHC

R.T.: 5.111 min  
Delta R.T.: 0.002 min  
Response: 191335830  
Conc: 52.86 ng/ml



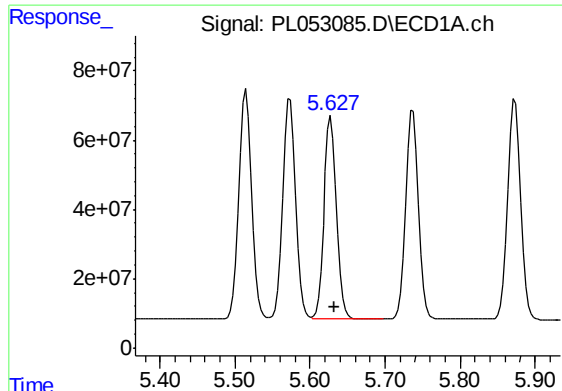
#8 Heptachlor epoxide

R.T.: 5.285 min  
Delta R.T.: -0.003 min  
Response: 754417028  
Conc: 57.89 ng/ml



#8 Heptachlor epoxide

R.T.: 5.926 min  
Delta R.T.: 0.001 min  
Response: 187908386  
Conc: 56.07 ng/ml



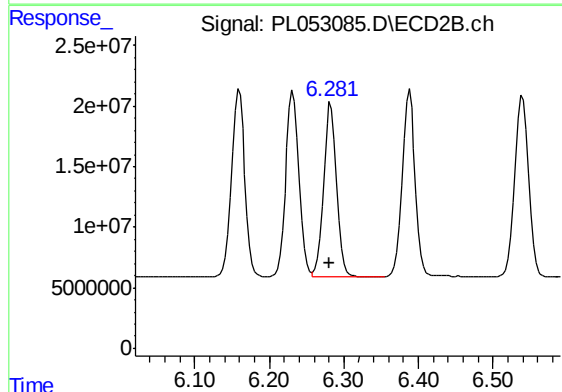
#9 Endosulfan I

R.T.: 5.628 min  
Delta R.T.: -0.004 min  
Response: 692916756  
Conc: 57.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HR-05-100219MS

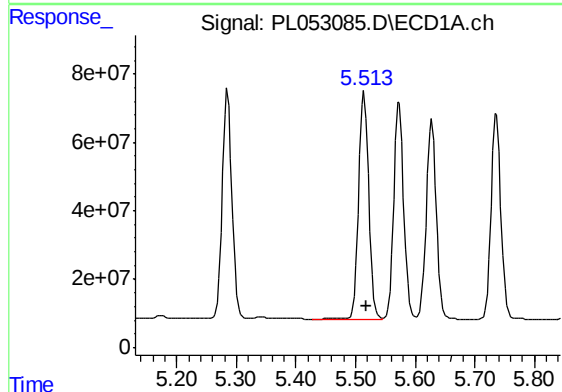
Manual Integrations  
APPROVED

Ankita  
10/7/2019 1:56:52 PM



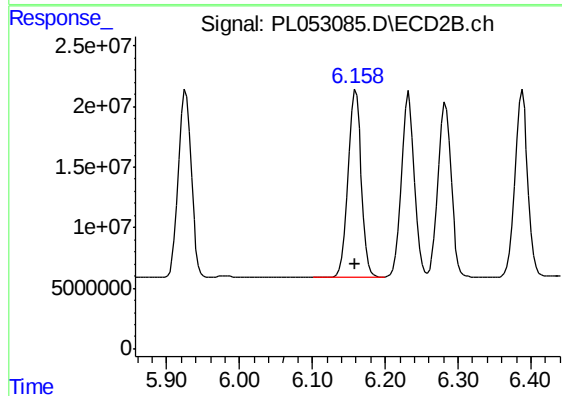
#9 Endosulfan I

R.T.: 6.283 min  
Delta R.T.: 0.001 min  
Response: 178962271  
Conc: 57.25 ng/ml



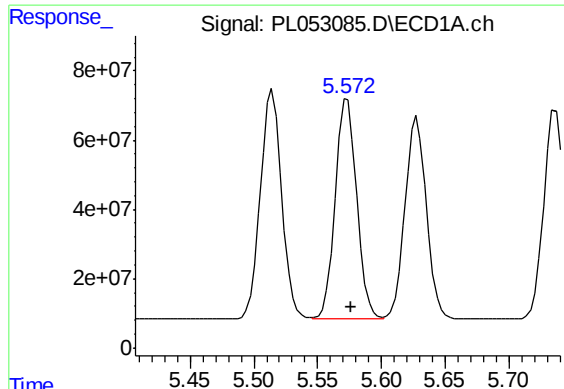
#10 gamma-Chlordane

R.T.: 5.515 min  
Delta R.T.: -0.003 min  
Response: 771739192  
Conc: 57.39 ng/ml



#10 gamma-Chlordane

R.T.: 6.159 min  
Delta R.T.: 0.001 min  
Response: 194195448  
Conc: 57.40 ng/ml



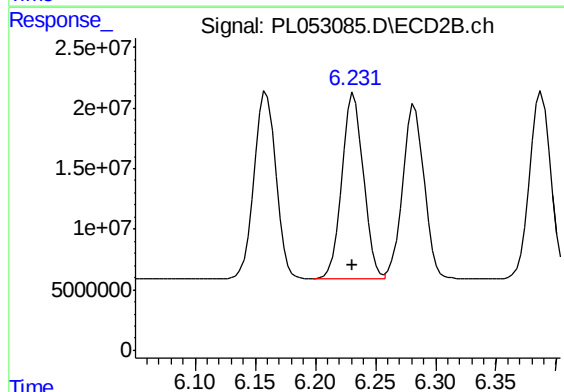
#11 alpha-Chlordane

R.T.: 5.573 min  
Delta R.T.: -0.003 min  
Response: 743715948  
Conc: 56.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HR-05-100219MS

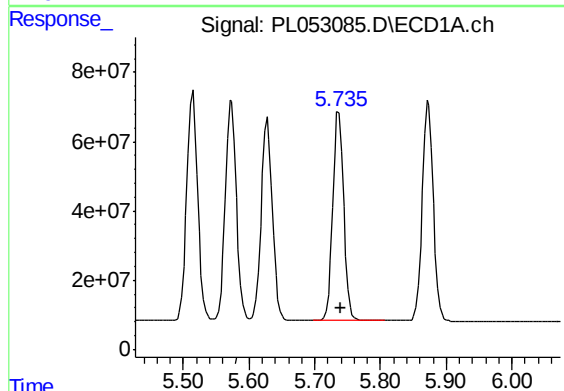
Manual Integrations  
APPROVED

Ankita  
10/7/2019 1:56:52 PM



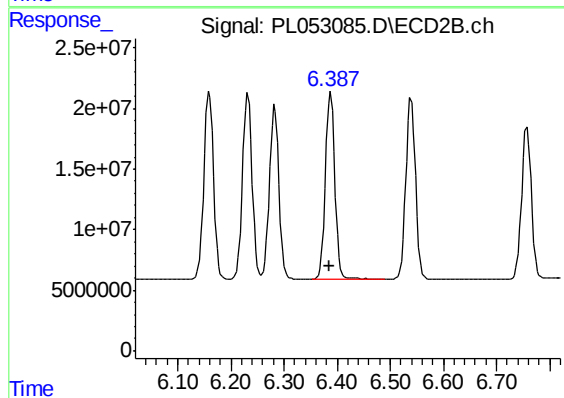
#11 alpha-Chlordane

R.T.: 6.232 min  
Delta R.T.: 0.000 min  
Response: 191569276  
Conc: 56.91 ng/ml



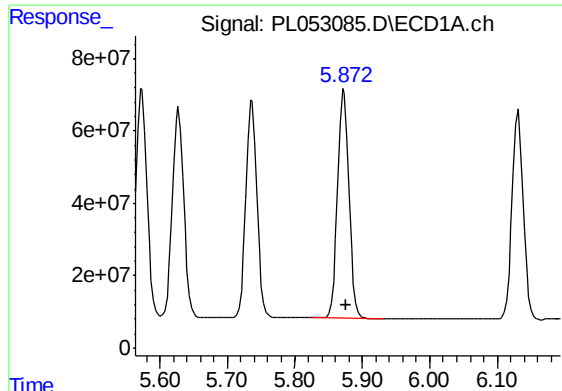
#12 4,4'-DDE

R.T.: 5.737 min  
Delta R.T.: -0.003 min  
Response: 696044925  
Conc: 59.97 ng/ml



#12 4,4'-DDE

R.T.: 6.388 min  
Delta R.T.: 0.002 min  
Response: 190935015  
Conc: 58.46 ng/ml



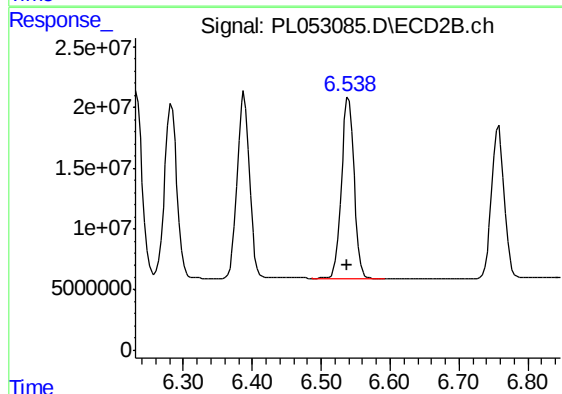
#13 Dieldrin

R.T.: 5.873 min  
Delta R.T.: -0.003 min  
Response: 747097013  
Conc: 57.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HR-05-100219MS

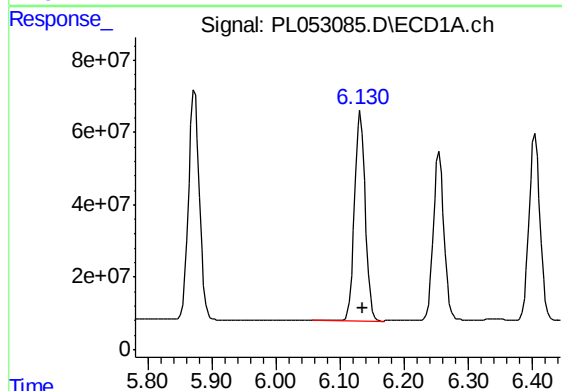
Manual Integrations  
APPROVED

Ankita  
10/7/2019 1:56:52 PM



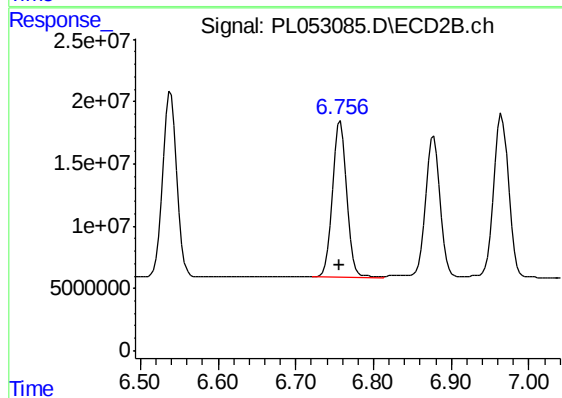
#13 Dieldrin

R.T.: 6.540 min  
Delta R.T.: 0.002 min  
Response: 188564971  
Conc: 57.81 ng/ml



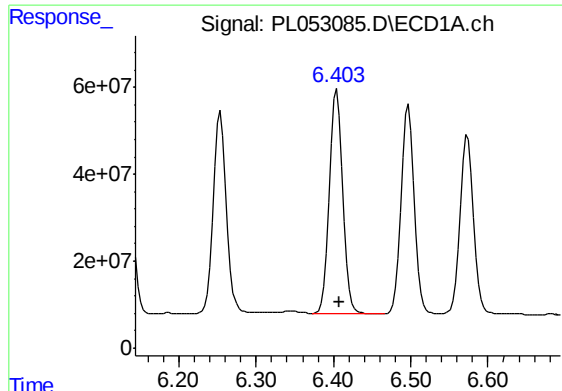
#14 Endrin

R.T.: 6.131 min  
Delta R.T.: -0.003 min  
Response: 671791916  
Conc: 58.98 ng/ml



#14 Endrin

R.T.: 6.757 min  
Delta R.T.: 0.001 min  
Response: 162900060  
Conc: 58.66 ng/ml



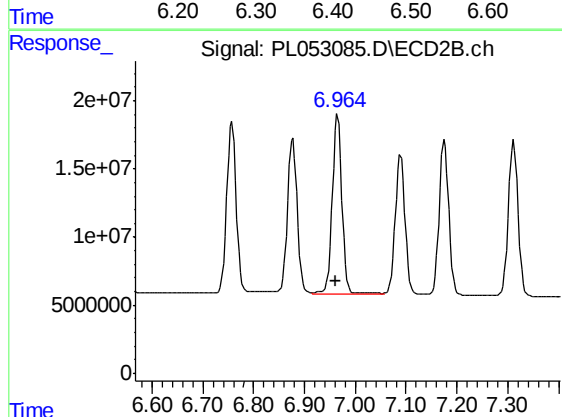
#15 Endosulfan II

R.T.: 6.404 min  
Delta R.T.: -0.004 min  
Response: 630472433  
Conc: 55.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HR-05-100219MS

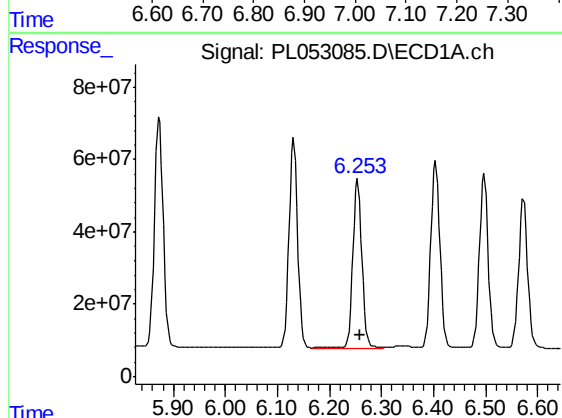
Manual Integrations  
APPROVED

Ankita  
10/7/2019 1:56:52 PM



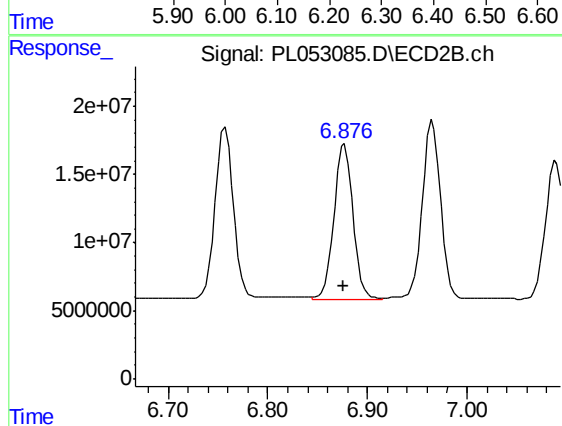
#15 Endosulfan II

R.T.: 6.966 min  
Delta R.T.: 0.003 min  
Response: 173496607  
Conc: 58.48 ng/ml



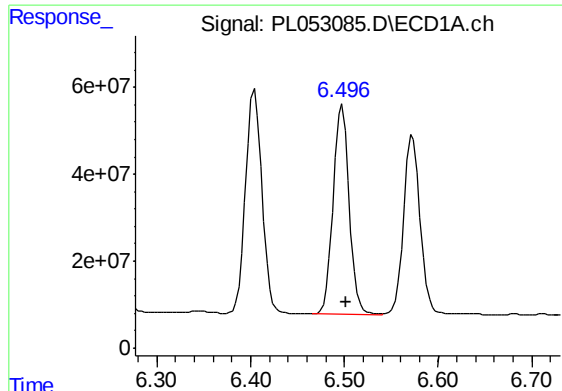
#16 4,4'-DDD

R.T.: 6.255 min  
Delta R.T.: -0.004 min  
Response: 553767245  
Conc: 61.61 ng/ml



#16 4,4'-DDD

R.T.: 6.877 min  
Delta R.T.: 0.001 min  
Response: 150902276  
Conc: 61.53 ng/ml



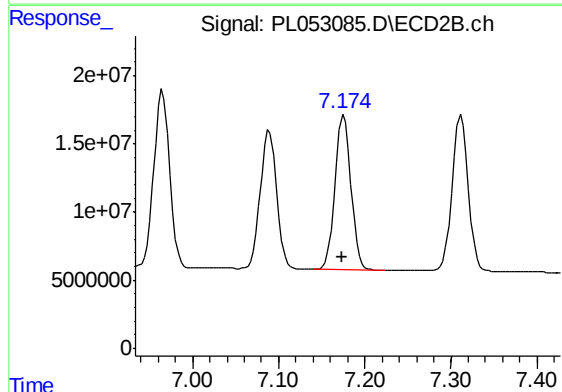
#17 4,4'-DDT

R.T.: 6.498 min  
Delta R.T.: -0.004 min  
Response: 575640730  
Conc: 56.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HR-05-100219MS

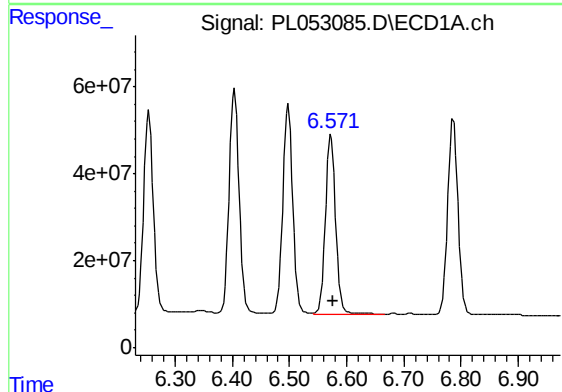
Manual Integrations  
APPROVED

Ankita  
10/7/2019 1:56:52 PM



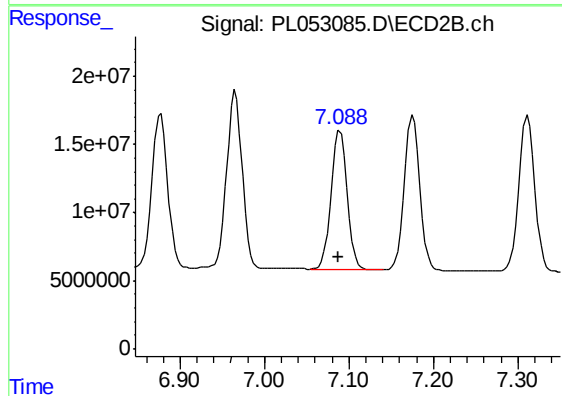
#17 4,4'-DDT

R.T.: 7.176 min  
Delta R.T.: 0.001 min  
Response: 146955249  
Conc: 56.47 ng/ml



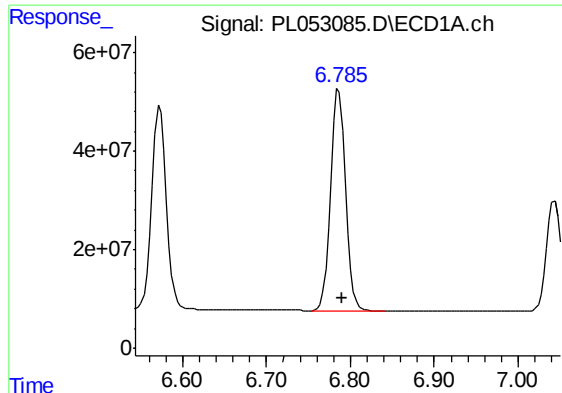
#18 Endrin aldehyde

R.T.: 6.573 min  
Delta R.T.: -0.004 min  
Response: 506274910  
Conc: 53.91 ng/ml



#18 Endrin aldehyde

R.T.: 7.089 min  
Delta R.T.: 0.002 min  
Response: 136842332  
Conc: 55.79 ng/ml



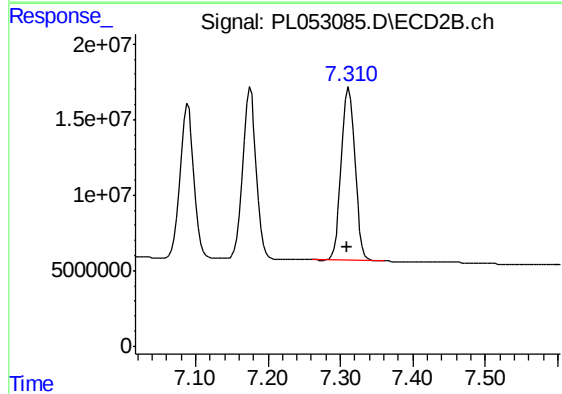
#19 Endosulfan Sulfate

R.T.: 6.786 min  
Delta R.T.: -0.004 min  
Response: 560215388  
Conc: 53.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HR-05-100219MS

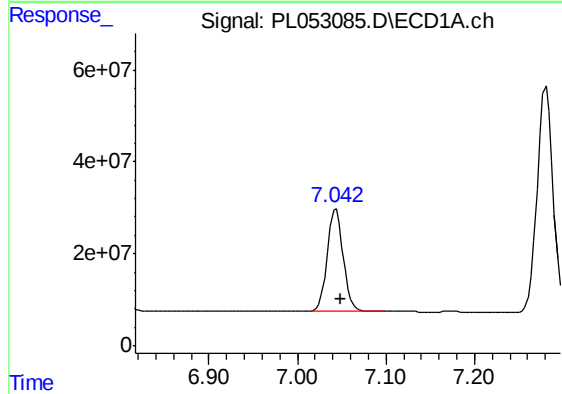
Manual Integrations  
APPROVED

Ankita  
10/7/2019 1:56:52 PM



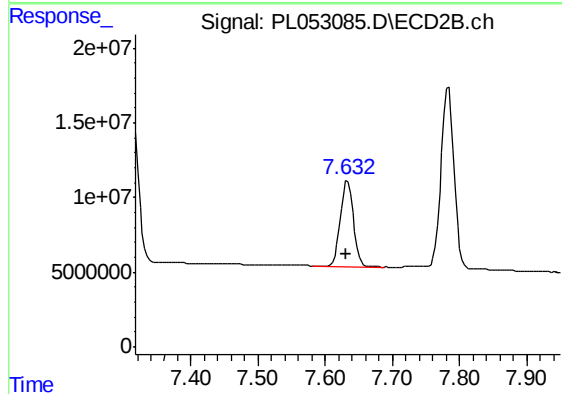
#19 Endosulfan Sulfate

R.T.: 7.312 min  
Delta R.T.: 0.002 min  
Response: 149568186  
Conc: 54.78 ng/ml



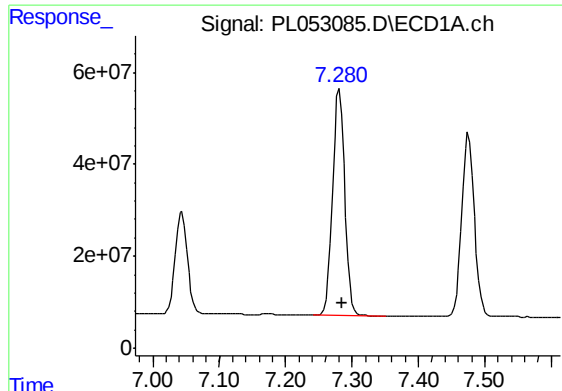
#20 Methoxychlor

R.T.: 7.044 min  
Delta R.T.: -0.005 min  
Response: 280964111  
Conc: 54.47 ng/ml



#20 Methoxychlor

R.T.: 7.633 min  
Delta R.T.: 0.002 min  
Response: 78980627  
Conc: 56.10 ng/ml



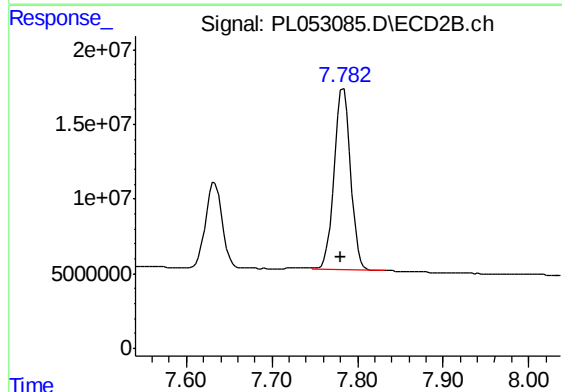
#21 Endrin ketone

R.T.: 7.281 min  
Delta R.T.: -0.003 min  
Response: 622143711  
Conc: 53.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HR-05-100219MS

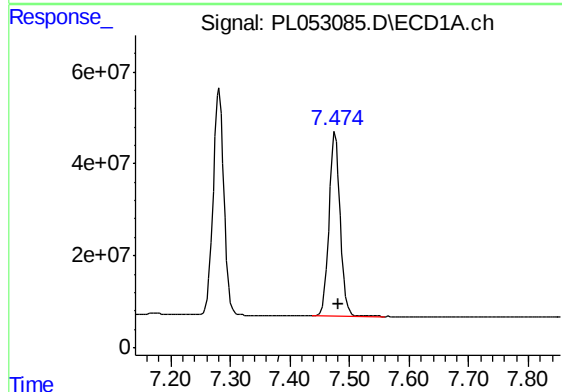
Manual Integrations  
APPROVED

Ankita  
10/7/2019 1:56:52 PM



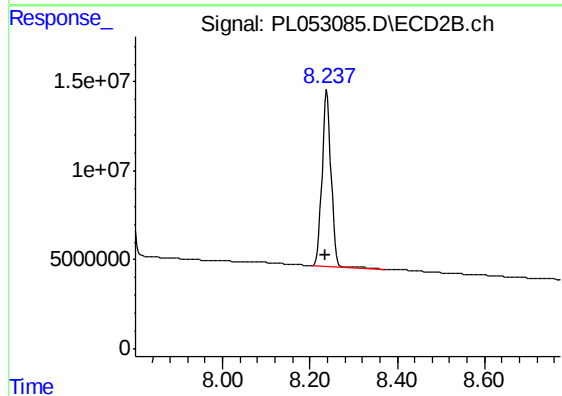
#21 Endrin ketone

R.T.: 7.782 min  
Delta R.T.: 0.001 min  
Response: 163549606  
Conc: 57.33 ng/ml m



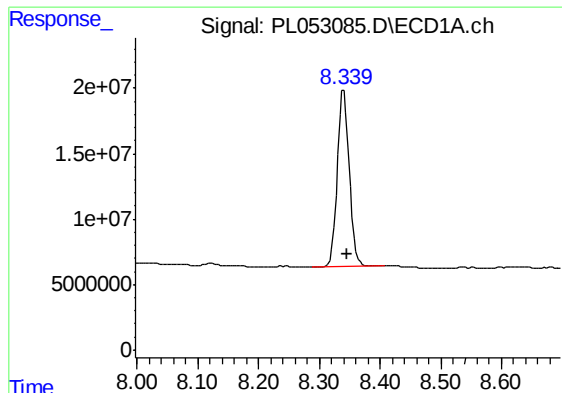
#22 Mirex

R.T.: 7.476 min  
Delta R.T.: -0.005 min  
Response: 526028281  
Conc: 55.70 ng/ml



#22 Mirex

R.T.: 8.239 min  
Delta R.T.: 0.002 min  
Response: 140884813  
Conc: 62.64 ng/ml



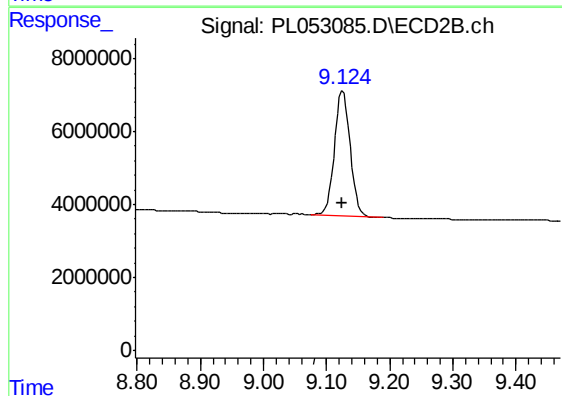
#28 Decachlorobiphenyl

R.T.: 8.340 min  
Delta R.T.: -0.005 min  
Response: 185496650  
Conc: 18.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HR-05-100219MS

Manual Integrations  
APPROVED

Ankita  
10/7/2019 1:56:52 PM



#28 Decachlorobiphenyl

R.T.: 9.126 min  
Delta R.T.: 0.002 min  
Response: 59236241  
Conc: 20.19 ng/ml