

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL073119\  
 Data File : PL050926.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Jul 2019 12:53  
 Operator : SM\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Ankita  
 8/1/2019 10:58:41 AM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 01 00:47:47 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... | 3.319 | 3.929 | 556.1E6 | 144.3E6  | 55.345 | 50.591  |
| 28)                         | SA Decachlor... | 7.979 | 8.958 | 542.3E6 | 142.2E6  | 53.556 | 50.277  |
| Target Compounds            |                 |       |       |         |          |        |         |
| 2)                          | A alpha-BHC     | 3.746 | 4.317 | 936.6E6 | 214.9E6  | 55.892 | 52.083  |
| 3)                          | MA gamma-BHC... | 4.022 | 4.600 | 873.1E6 | 202.5E6  | 56.764 | 52.277  |
| 4)                          | MA Heptachlor   | 4.306 | 5.102 | 924.2E6 | 214.1E6  | 56.329 | 51.630  |
| 5)                          | MB Aldrin       | 4.543 | 5.404 | 868.6E6 | 197.9E6  | 56.067 | 52.508  |
| 6)                          | B beta-BHC      | 4.276 | 4.777 | 364.5E6 | 93546020 | 55.605 | 54.109  |
| 7)                          | B delta-BHC     | 4.469 | 4.990 | 919.5E6 | 203.0E6  | 56.040 | 52.475  |
| 8)                          | B Heptachlo...  | 4.979 | 5.790 | 813.9E6 | 187.8E6  | 55.093 | 49.103  |
| 9)                          | A Endosulfan I  | 5.310 | 6.145 | 778.3E6 | 174.8E6  | 53.512 | 50.831  |
| 10)                         | B gamma-Chl...  | 5.202 | 6.025 | 856.9E6 | 190.5E6  | 54.295 | 51.542  |
| 11)                         | B alpha-Chl...  | 5.257 | 6.096 | 828.5E6 | 188.2E6  | 54.303 | 51.335  |
| 12)                         | B 4,4'-DDE      | 5.425 | 6.257 | 802.7E6 | 186.1E6  | 53.561 | 51.637  |
| 13)                         | MA Dieldrin     | 5.548 | 6.402 | 846.5E6 | 183.6E6  | 54.626 | 51.839  |
| 14)                         | MA Endrin       | 5.800 | 6.619 | 796.1E6 | 161.2E6  | 54.080 | 51.962  |
| 15)                         | B Endosulfa...  | 6.076 | 6.831 | 728.9E6 | 162.2E6  | 52.081 | 51.015  |
| 16)                         | A 4,4'-DDD      | 5.935 | 6.747 | 660.7E6 | 139.6E6  | 55.133 | 52.428  |
| 17)                         | MA 4,4'-DDT     | 6.169 | 7.043 | 670.1E6 | 145.8E6  | 54.099 | 54.025  |
| 18)                         | B Endrin al...  | 6.242 | 6.954 | 582.5E6 | 137.1E6  | 50.493 | 50.433m |
| 19)                         | B Endosulfa...  | 6.453 | 7.178 | 642.4E6 | 149.0E6  | 50.428 | 51.602  |
| 20)                         | A Methoxychlor  | 6.713 | 7.504 | 330.8E6 | 78818731 | 53.025 | 53.718  |
| 21)                         | B Endrin ke...  | 6.935 | 7.646 | 705.8E6 | 152.2E6  | 51.602 | 52.626  |
| 22)                         | Mirex           | 7.108 | 8.095 | 486.1E6 | 119.4E6  | 49.581 | 51.964  |
| -----                       |                 |       |       |         |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL073119\  
Data File : PL050926.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Jul 2019 12:53  
Operator : SM\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

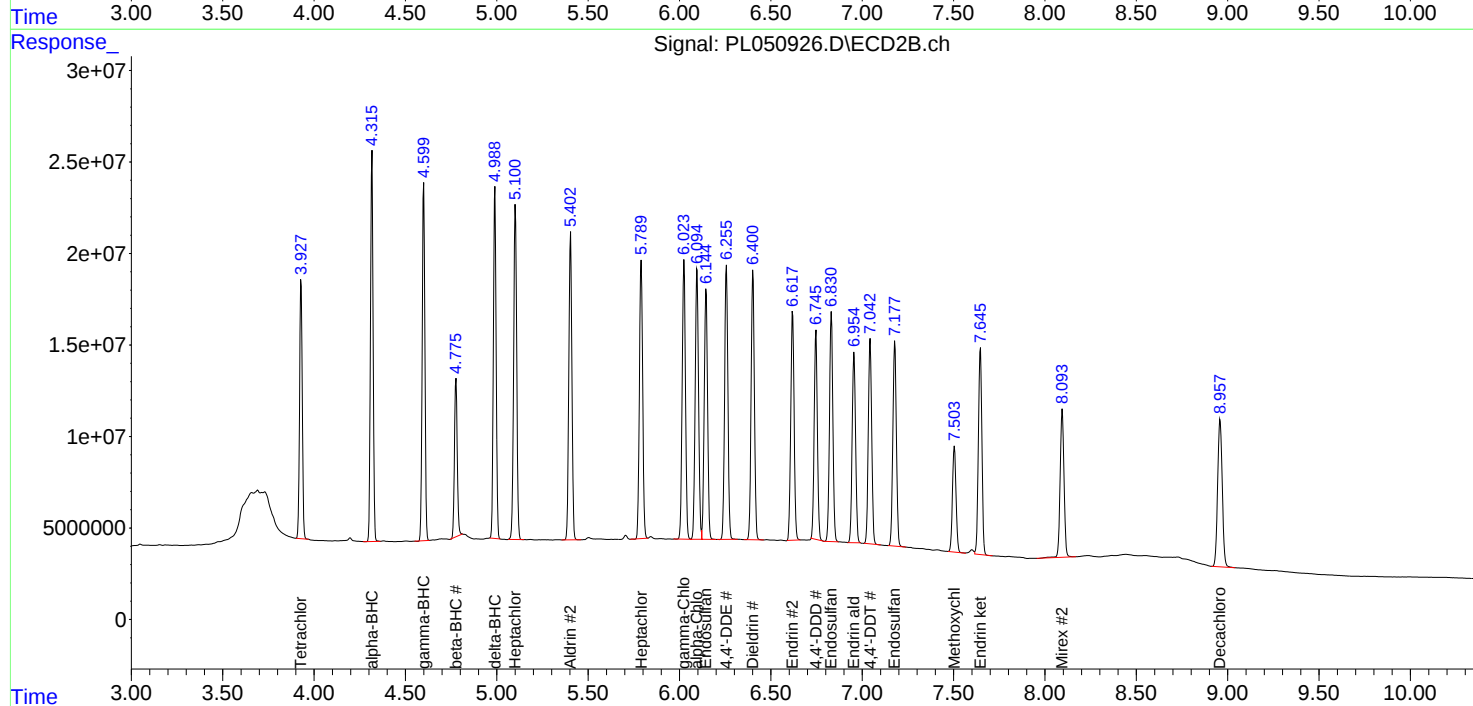
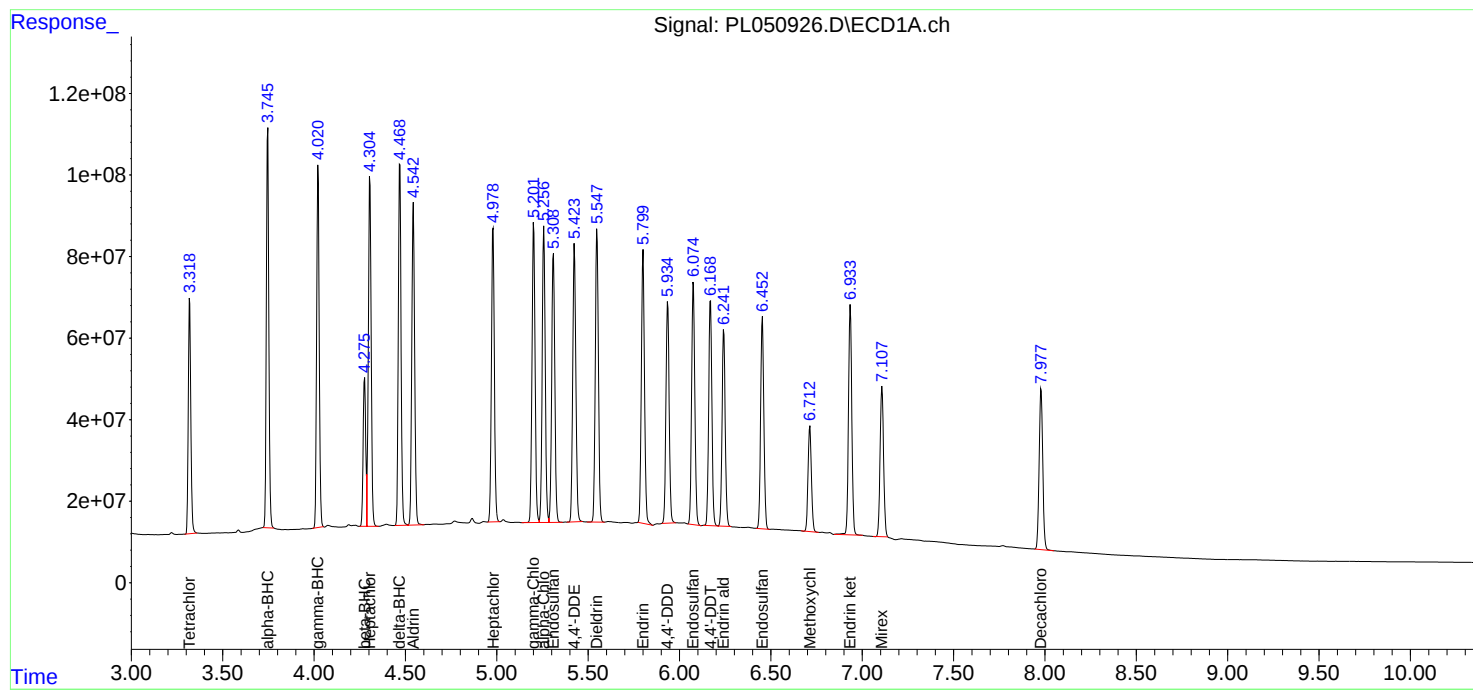
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

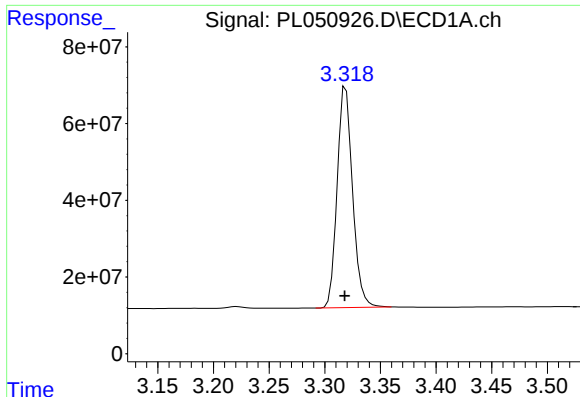
Manual Integrations  
APPROVED

Ankita  
8/1/2019 10:58:41 AM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 01 00:47:47 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





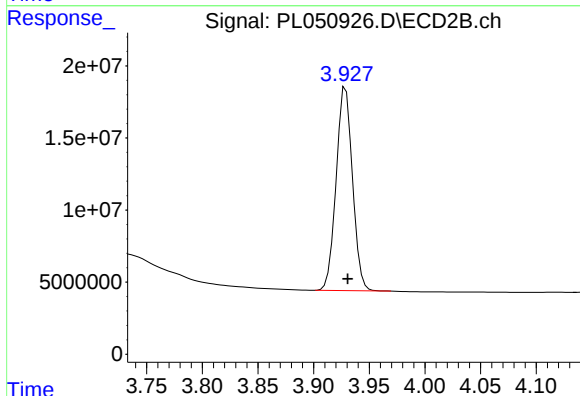
#1 Tetrachloro-m-xylene

R.T.: 3.319 min  
Delta R.T.: 0.000 min  
Response: 556101014  
Conc: 55.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

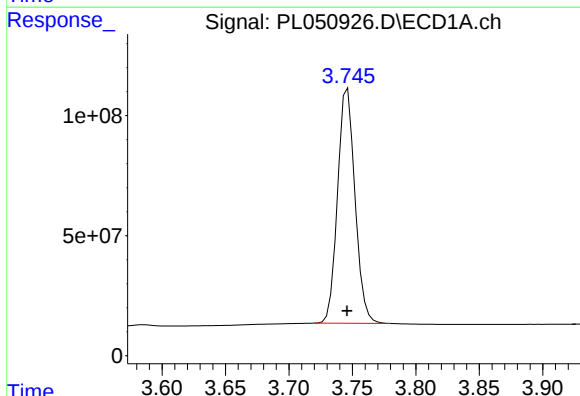
Manual Integrations  
APPROVED

Ankita  
8/1/2019 10:58:41 AM



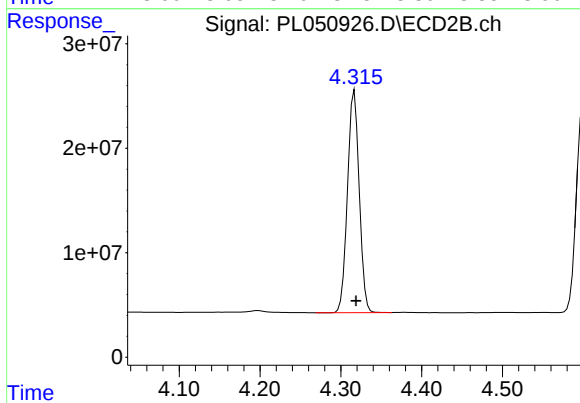
#1 Tetrachloro-m-xylene

R.T.: 3.929 min  
Delta R.T.: -0.002 min  
Response: 144346568  
Conc: 50.59 ng/ml



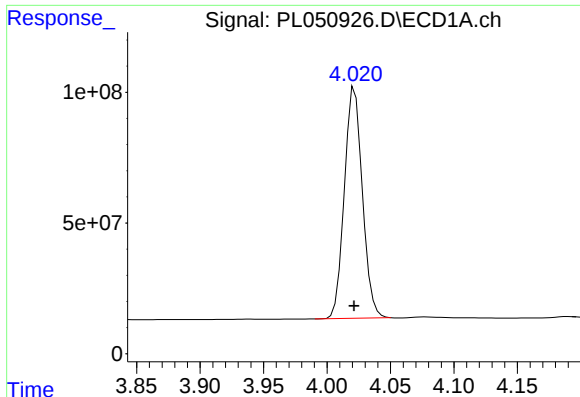
#2 alpha-BHC

R.T.: 3.746 min  
Delta R.T.: 0.000 min  
Response: 936623521  
Conc: 55.89 ng/ml



#2 alpha-BHC

R.T.: 4.317 min  
Delta R.T.: -0.002 min  
Response: 214892241  
Conc: 52.08 ng/ml



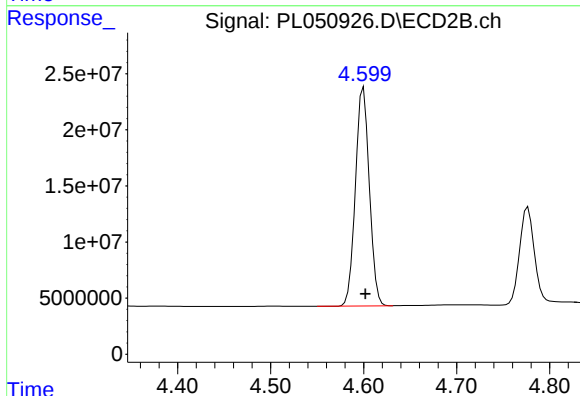
#3 gamma-BHC (Lindane)

R.T.: 4.022 min  
Delta R.T.: 0.000 min  
Response: 873132960  
Conc: 56.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

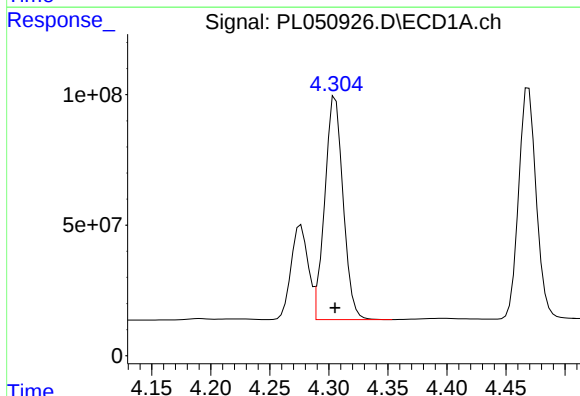
Manual Integrations  
APPROVED

Ankita  
8/1/2019 10:58:41 AM



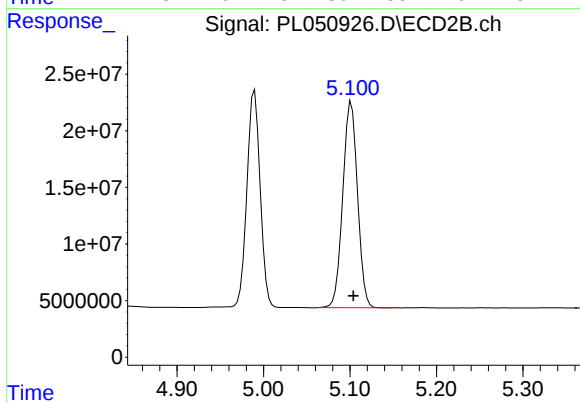
#3 gamma-BHC (Lindane)

R.T.: 4.600 min  
Delta R.T.: -0.002 min  
Response: 202479686  
Conc: 52.28 ng/ml



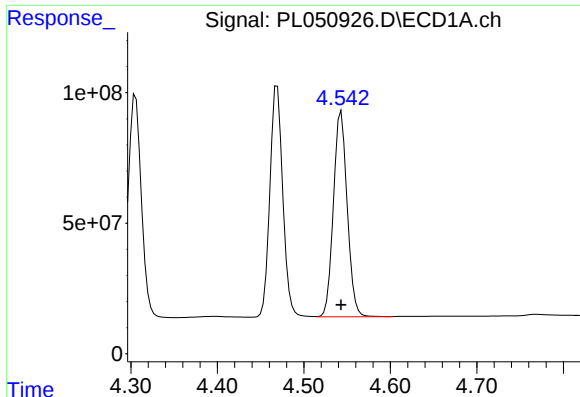
#4 Heptachlor

R.T.: 4.306 min  
Delta R.T.: 0.000 min  
Response: 924231834  
Conc: 56.33 ng/ml



#4 Heptachlor

R.T.: 5.102 min  
Delta R.T.: -0.002 min  
Response: 214092355  
Conc: 51.63 ng/ml



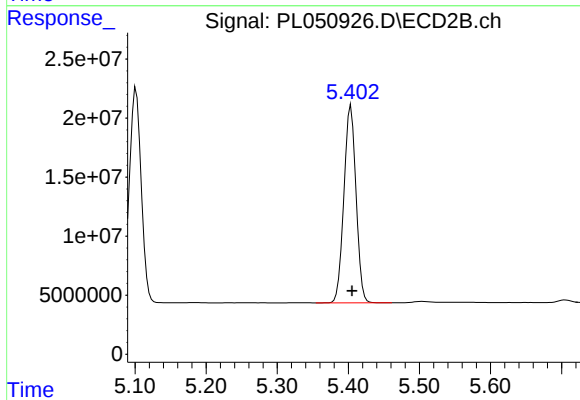
#5 Aldrin

R.T.: 4.543 min  
Delta R.T.: 0.000 min  
Response: 868564539  
Conc: 56.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

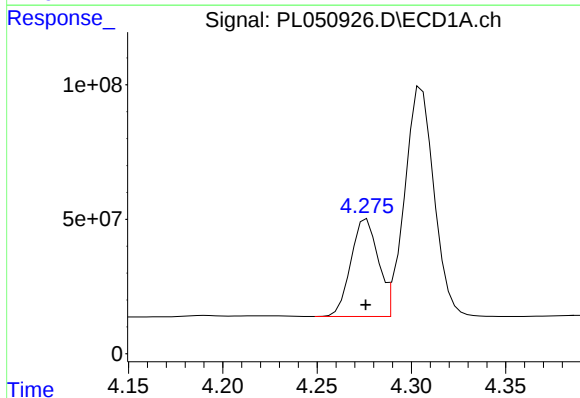
Manual Integrations  
APPROVED

Ankita  
8/1/2019 10:58:41 AM



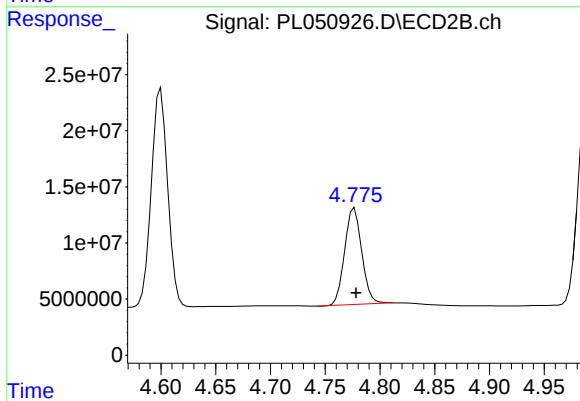
#5 Aldrin

R.T.: 5.404 min  
Delta R.T.: -0.002 min  
Response: 197867487  
Conc: 52.51 ng/ml



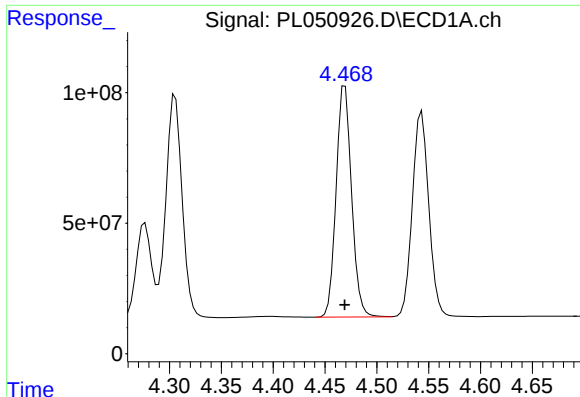
#6 beta-BHC

R.T.: 4.276 min  
Delta R.T.: 0.000 min  
Response: 364537169  
Conc: 55.60 ng/ml



#6 beta-BHC

R.T.: 4.777 min  
Delta R.T.: -0.001 min  
Response: 93546020  
Conc: 54.11 ng/ml



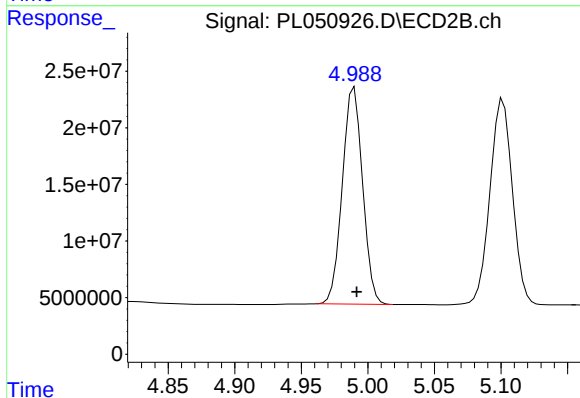
#7 delta-BHC

R.T.: 4.469 min  
Delta R.T.: 0.000 min  
Response: 919543459  
Conc: 56.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

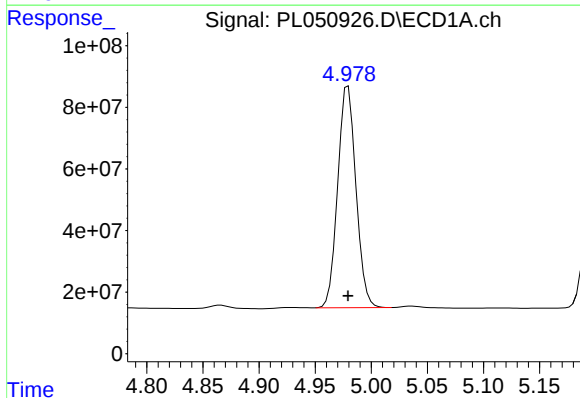
Manual Integrations  
APPROVED

Ankita  
8/1/2019 10:58:41 AM



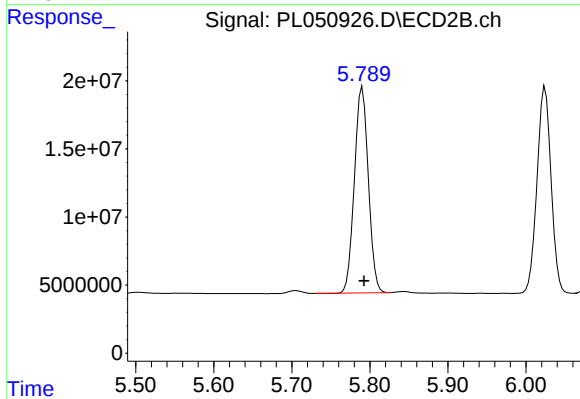
#7 delta-BHC

R.T.: 4.990 min  
Delta R.T.: -0.002 min  
Response: 202951984  
Conc: 52.47 ng/ml



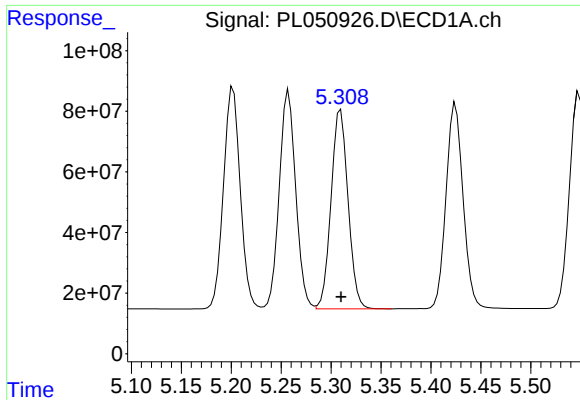
#8 Heptachlor epoxide

R.T.: 4.979 min  
Delta R.T.: 0.000 min  
Response: 813924173  
Conc: 55.09 ng/ml



#8 Heptachlor epoxide

R.T.: 5.790 min  
Delta R.T.: -0.002 min  
Response: 187811525  
Conc: 49.10 ng/ml



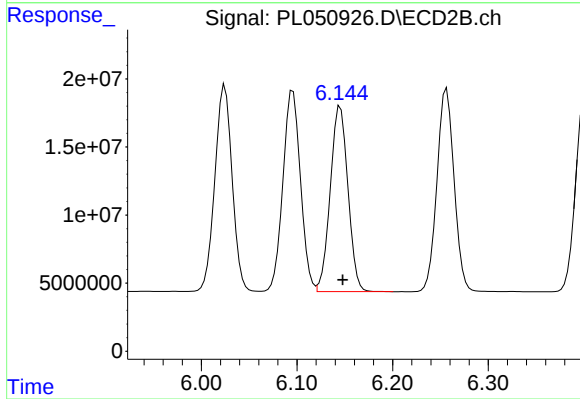
#9 Endosulfan I

R.T.: 5.310 min  
Delta R.T.: 0.000 min  
Response: 778268884  
Conc: 53.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

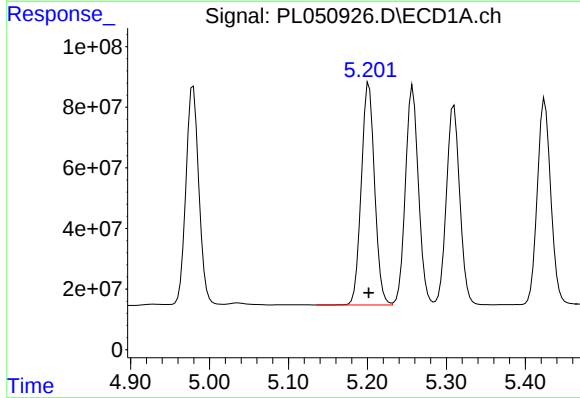
Manual Integrations  
APPROVED

Ankita  
8/1/2019 10:58:41 AM



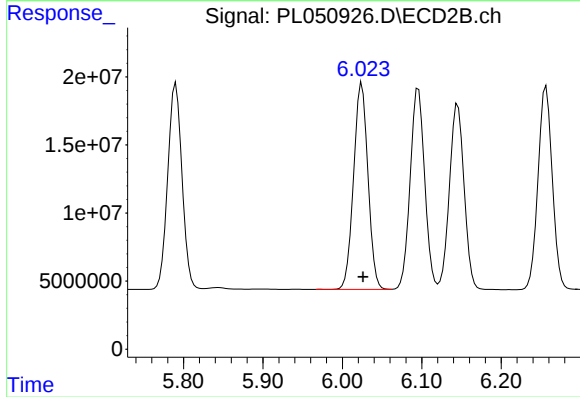
#9 Endosulfan I

R.T.: 6.145 min  
Delta R.T.: -0.002 min  
Response: 174801090  
Conc: 50.83 ng/ml



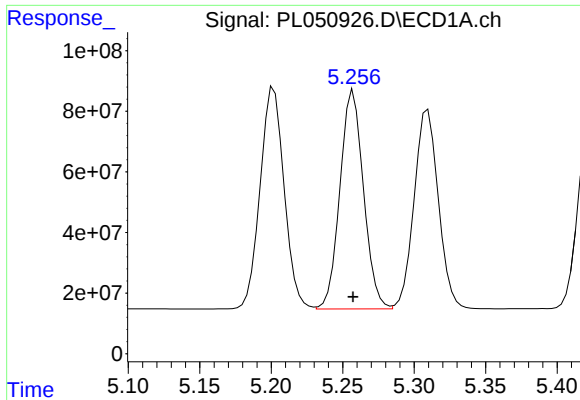
#10 gamma-Chlordane

R.T.: 5.202 min  
Delta R.T.: 0.000 min  
Response: 856947510  
Conc: 54.29 ng/ml



#10 gamma-Chlordane

R.T.: 6.025 min  
Delta R.T.: -0.001 min  
Response: 190461995  
Conc: 51.54 ng/ml



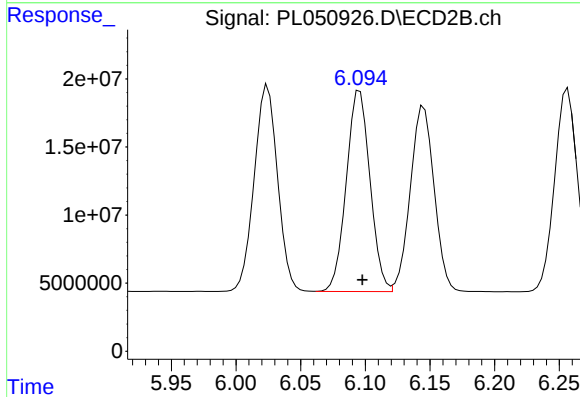
#11 alpha-Chlordane

R.T.: 5.257 min  
Delta R.T.: 0.000 min  
Response: 828454634  
Conc: 54.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

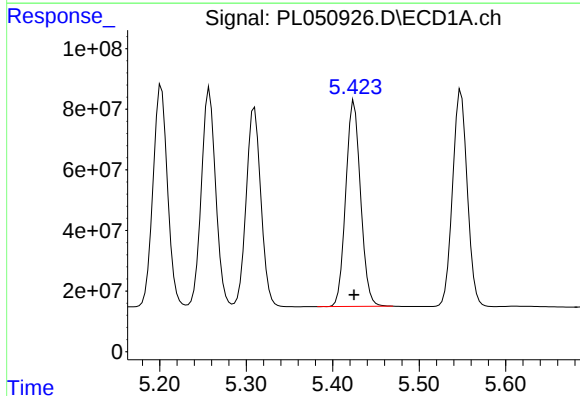
Manual Integrations  
APPROVED

Ankita  
8/1/2019 10:58:41 AM



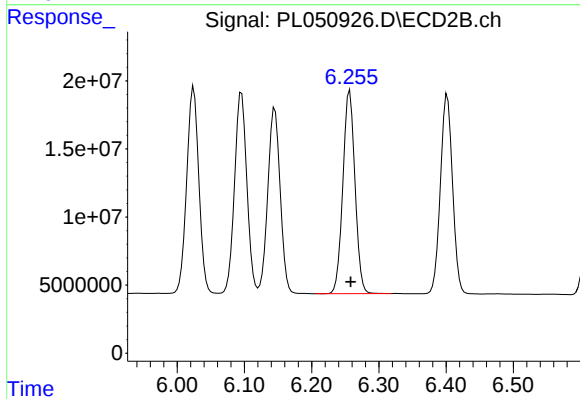
#11 alpha-Chlordane

R.T.: 6.096 min  
Delta R.T.: -0.002 min  
Response: 188151857  
Conc: 51.34 ng/ml



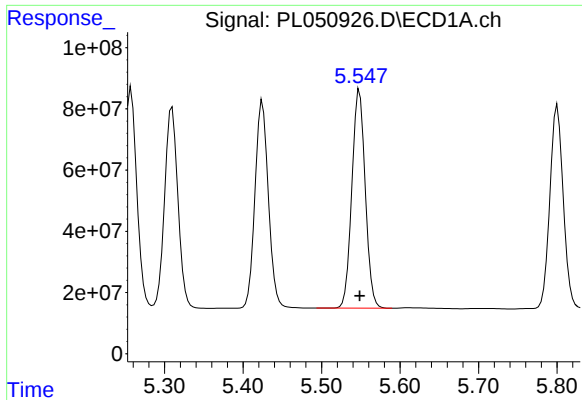
#12 4,4'-DDE

R.T.: 5.425 min  
Delta R.T.: 0.000 min  
Response: 802663071  
Conc: 53.56 ng/ml



#12 4,4'-DDE

R.T.: 6.257 min  
Delta R.T.: -0.002 min  
Response: 186066925  
Conc: 51.64 ng/ml



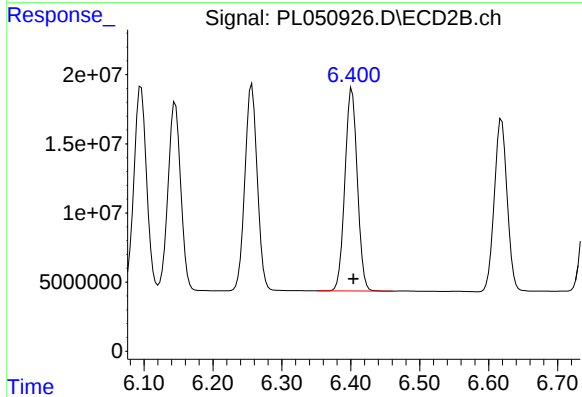
#13 Dieldrin

R.T.: 5.548 min  
Delta R.T.: 0.000 min  
Response: 846521239  
Conc: 54.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

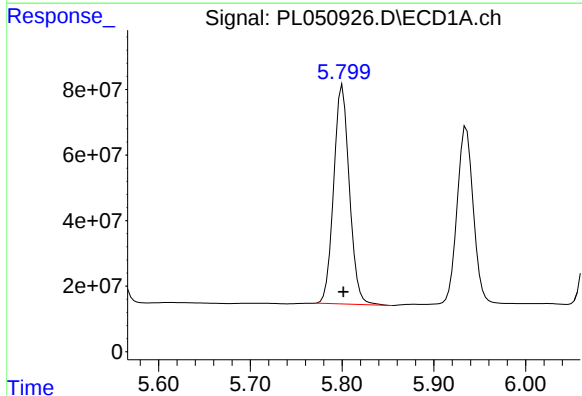
Manual Integrations  
APPROVED

Ankita  
8/1/2019 10:58:41 AM



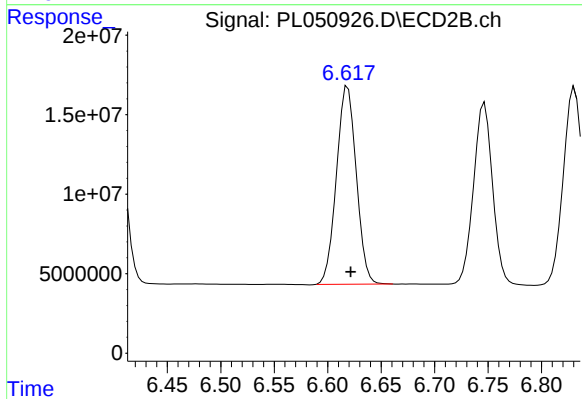
#13 Dieldrin

R.T.: 6.402 min  
Delta R.T.: -0.002 min  
Response: 183568751  
Conc: 51.84 ng/ml



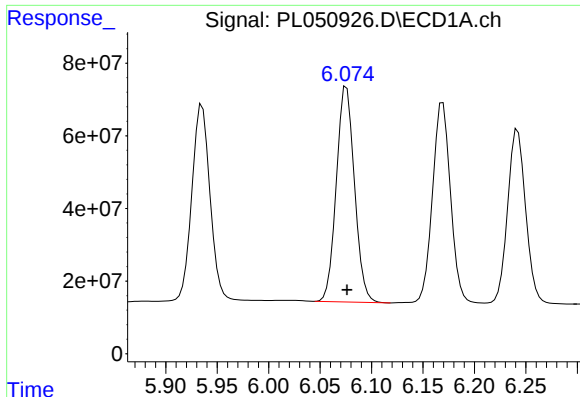
#14 Endrin

R.T.: 5.800 min  
Delta R.T.: 0.000 min  
Response: 796078344  
Conc: 54.08 ng/ml



#14 Endrin

R.T.: 6.619 min  
Delta R.T.: -0.003 min  
Response: 161155687  
Conc: 51.96 ng/ml



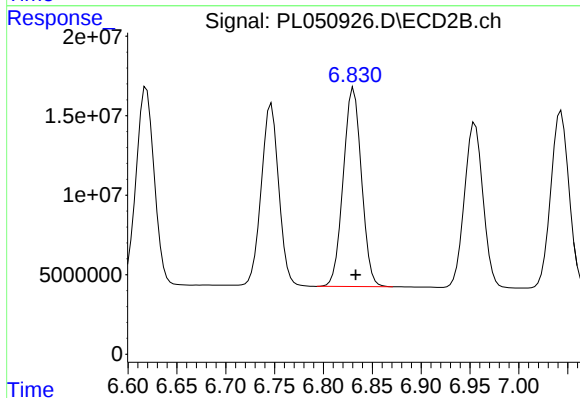
#15 Endosulfan II

R.T.: 6.076 min  
Delta R.T.: 0.000 min  
Response: 728865119  
Conc: 52.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

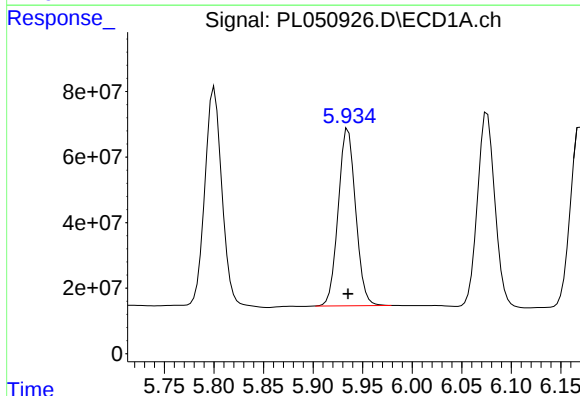
Manual Integrations  
APPROVED

Ankita  
8/1/2019 10:58:41 AM



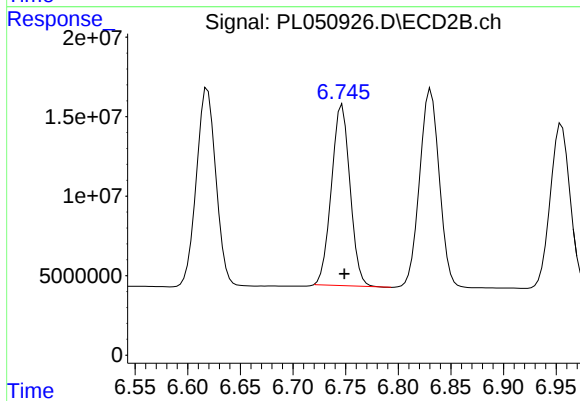
#15 Endosulfan II

R.T.: 6.831 min  
Delta R.T.: -0.002 min  
Response: 162187320  
Conc: 51.02 ng/ml



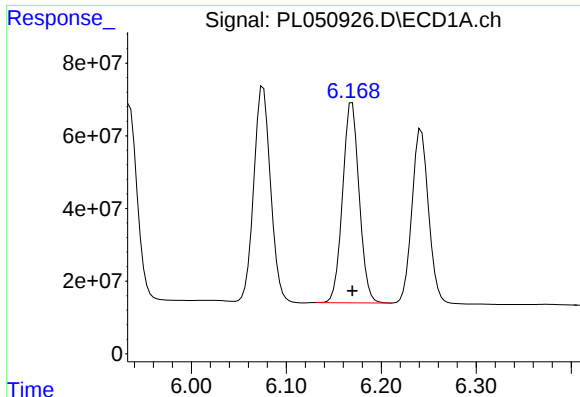
#16 4,4'-DDD

R.T.: 5.935 min  
Delta R.T.: 0.000 min  
Response: 660706834  
Conc: 55.13 ng/ml



#16 4,4'-DDD

R.T.: 6.747 min  
Delta R.T.: -0.002 min  
Response: 139608797  
Conc: 52.43 ng/ml



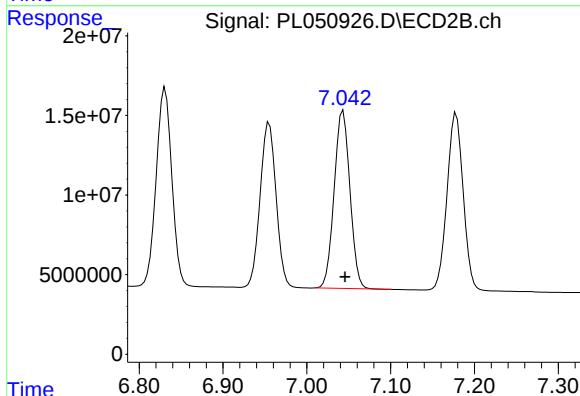
#17 4,4'-DDT

R.T.: 6.169 min  
Delta R.T.: 0.000 min  
Response: 670058085  
Conc: 54.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

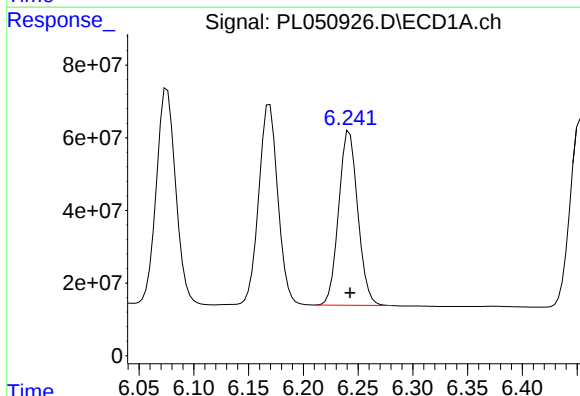
Manual Integrations  
APPROVED

Ankita  
8/1/2019 10:58:41 AM



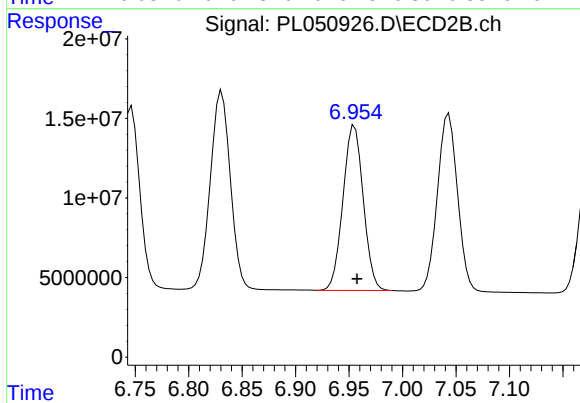
#17 4,4'-DDT

R.T.: 7.043 min  
Delta R.T.: -0.002 min  
Response: 145845163  
Conc: 54.02 ng/ml



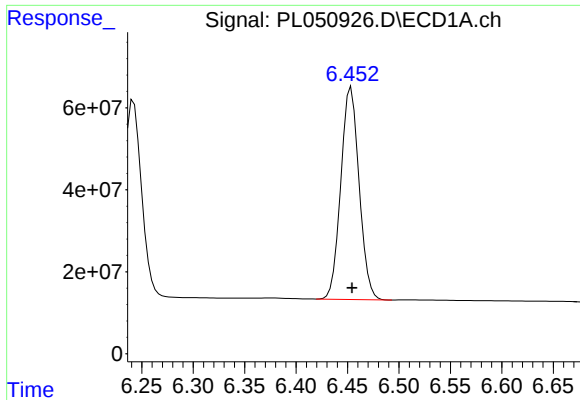
#18 Endrin aldehyde

R.T.: 6.242 min  
Delta R.T.: 0.000 min  
Response: 582509586  
Conc: 50.49 ng/ml



#18 Endrin aldehyde

R.T.: 6.954 min  
Delta R.T.: -0.004 min  
Response: 137057693  
Conc: 50.43 ng/ml m



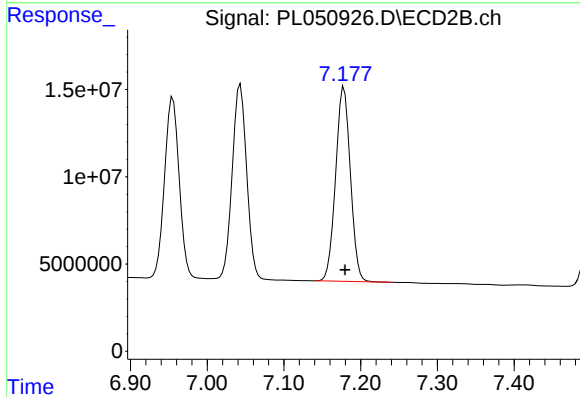
#19 Endosulfan Sulfate

R.T.: 6.453 min  
Delta R.T.: 0.000 min  
Response: 642426790  
Conc: 50.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

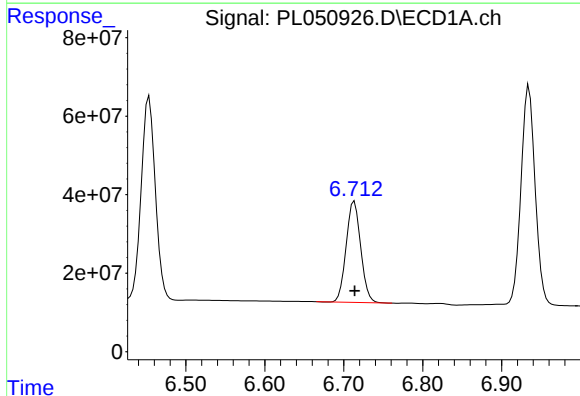
Manual Integrations  
APPROVED

Ankita  
8/1/2019 10:58:41 AM



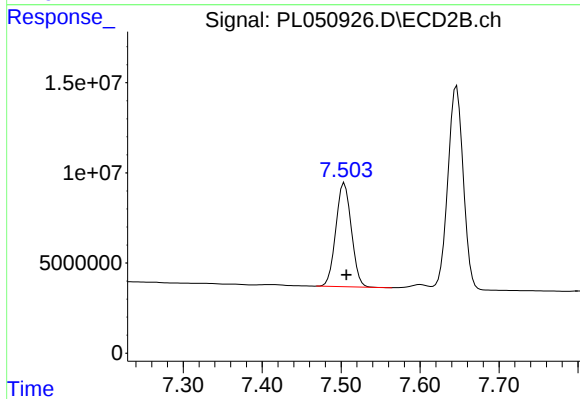
#19 Endosulfan Sulfate

R.T.: 7.178 min  
Delta R.T.: -0.002 min  
Response: 149038452  
Conc: 51.60 ng/ml



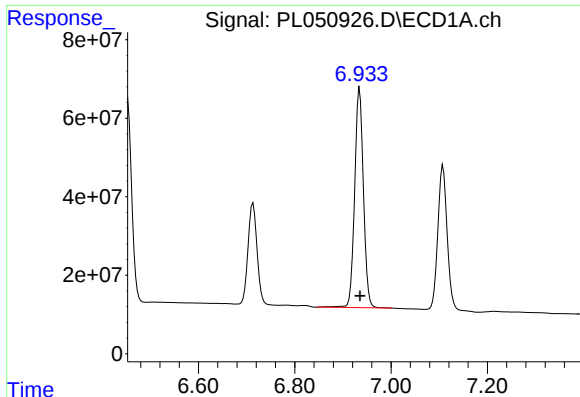
#20 Methoxychlor

R.T.: 6.713 min  
Delta R.T.: 0.000 min  
Response: 330820036  
Conc: 53.03 ng/ml



#20 Methoxychlor

R.T.: 7.504 min  
Delta R.T.: -0.003 min  
Response: 78818731  
Conc: 53.72 ng/ml



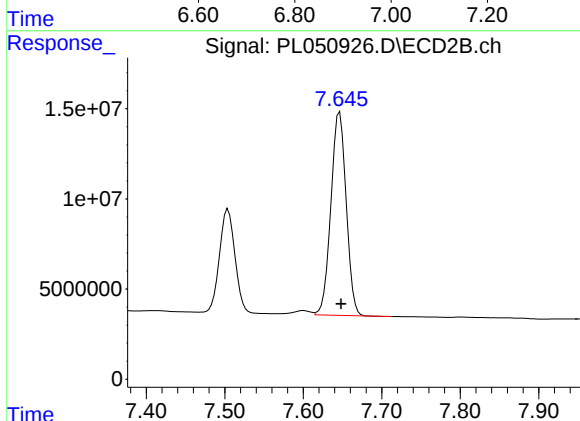
#21 Endrin ketone

R.T.: 6.935 min  
Delta R.T.: 0.000 min  
Response: 705781689  
Conc: 51.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

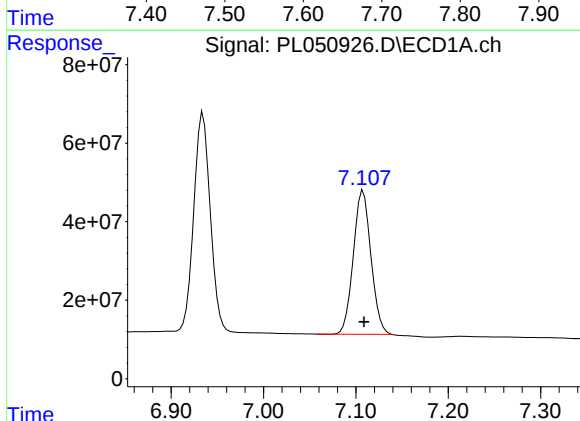
Manual Integrations  
APPROVED

Ankita  
8/1/2019 10:58:41 AM



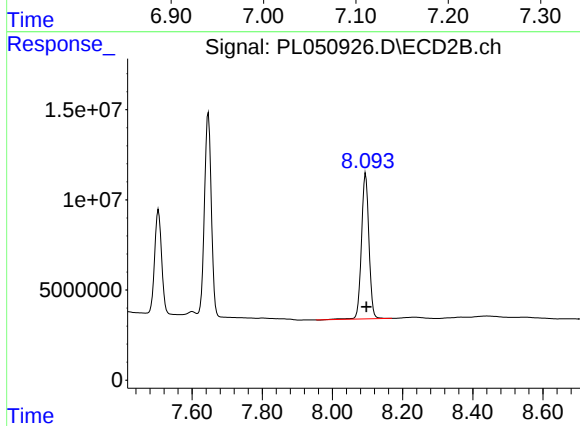
#21 Endrin ketone

R.T.: 7.646 min  
Delta R.T.: -0.002 min  
Response: 152156316  
Conc: 52.63 ng/ml



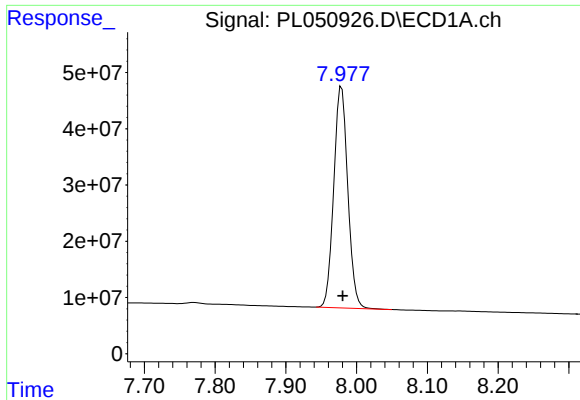
#22 Mirex

R.T.: 7.108 min  
Delta R.T.: -0.001 min  
Response: 486107119  
Conc: 49.58 ng/ml



#22 Mirex

R.T.: 8.095 min  
Delta R.T.: -0.003 min  
Response: 119361100  
Conc: 51.96 ng/ml



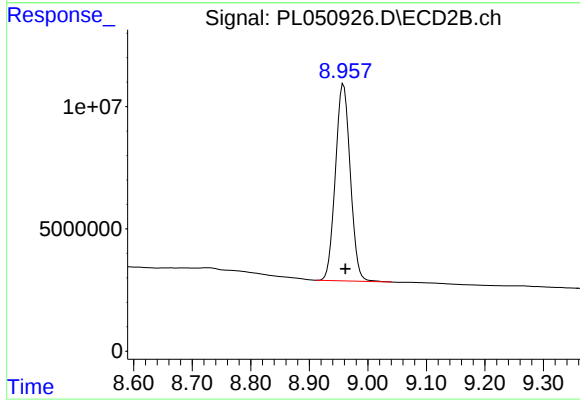
#28 Decachlorobiphenyl

R.T.: 7.979 min  
Delta R.T.: -0.002 min  
Response: 542271240  
Conc: 53.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Ankita  
8/1/2019 10:58:41 AM



#28 Decachlorobiphenyl

R.T.: 8.958 min  
Delta R.T.: -0.003 min  
Response: 142179172  
Conc: 50.28 ng/ml