

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101818\
 Data File : PL041122.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Oct 2018 18:37
 Operator : AJ\SJ
 Sample : J5570-03MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TS-08MSD

Manual Integrations
 APPROVED

Sohil
 10/19/2018 5:39:21 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 19 00:54:17 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101118.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 11 03:28:36 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...	3.477	4.103	108.7E6	55113030	19.828	19.766
28)	SA Decachlor...	8.223	9.233	85911780	34561948	16.523	13.366
Target Compounds							
2)	A alpha-BHC	3.918	4.499	457.2E6	205.6E6	57.696	53.143
3)	MA gamma-BHC...	4.201	4.788	421.2E6	196.1E6	57.679	55.080
4)	MA Heptachlor	4.498	5.303	417.2E6	176.7E6	56.621	52.201
5)	MB Aldrin	4.745	5.612	373.6E6	167.4E6	54.429	55.449
6)	B beta-BHC	4.452	4.954	421.7E6	76940436	132.913	48.006m#
7)	B delta-BHC	4.656	5.176	297.0E6	182.7E6	44.573	55.654m
8)	B Heptachlor...	5.189	6.000	362.3E6	158.3E6	55.238	55.185
9)	A Endosulfan I	5.527	6.360	311.3E6	129.7E6	51.963	50.637
10)	B gamma-Chl...	5.413	6.235	361.0E6	151.2E6	54.889m	53.917
11)	B alpha-Chl...	5.473	6.308	354.0E6	152.7E6	54.414	55.028
12)	B 4,4'-DDE	5.639	6.461	718.0E6	300.8E6	126.328	113.716m
13)	MA Dieldrin	5.770	6.618	393.9E6	152.7E6	62.302	57.350
14)	MA Endrin	6.027	6.836	326.5E6	131.5E6	56.850	58.931m
15)	B Endosulfa...	6.301	7.046	299.3E6	116.3E6	53.404	48.967
16)	A 4,4'-DDD	6.155	6.953	267.6E6	119.3E6	59.248	56.955m
17)	MA 4,4'-DDT	6.394	7.255	409.3E6	169.5E6	89.868	81.463
18)	B Endrin al...	6.468	7.170	208.8E6	92695481	49.810m	46.719
19)	B Endosulfa...	6.681	7.393	300.9E6	115.8E6	59.148	51.826
20)	A Methoxychlor	6.940	7.710	120.9E6	55364090	46.477m	47.032
21)	B Endrin ke...	7.172	7.867	301.9E6	117.5E6	57.672	49.958

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101818\
Data File : PL041122.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Oct 2018 18:37
Operator : AJ\SJ
Sample : J5570-03MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

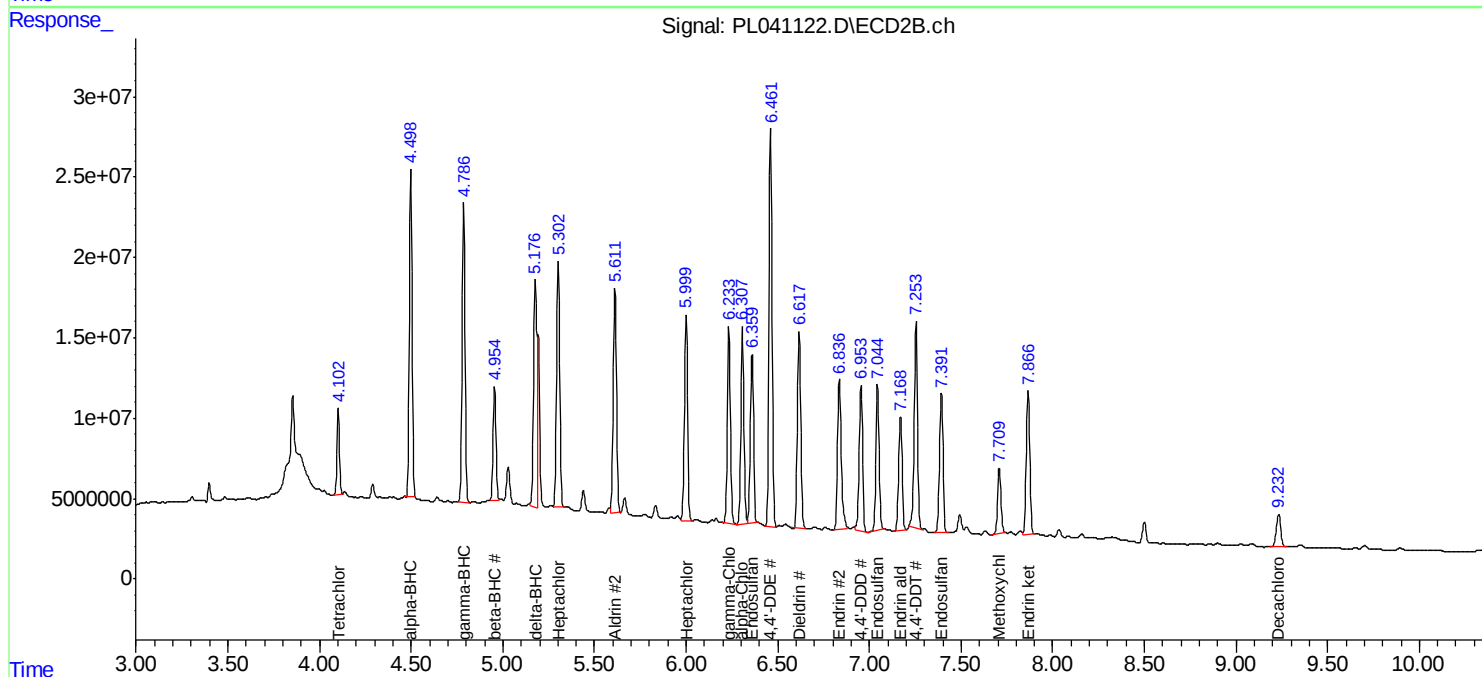
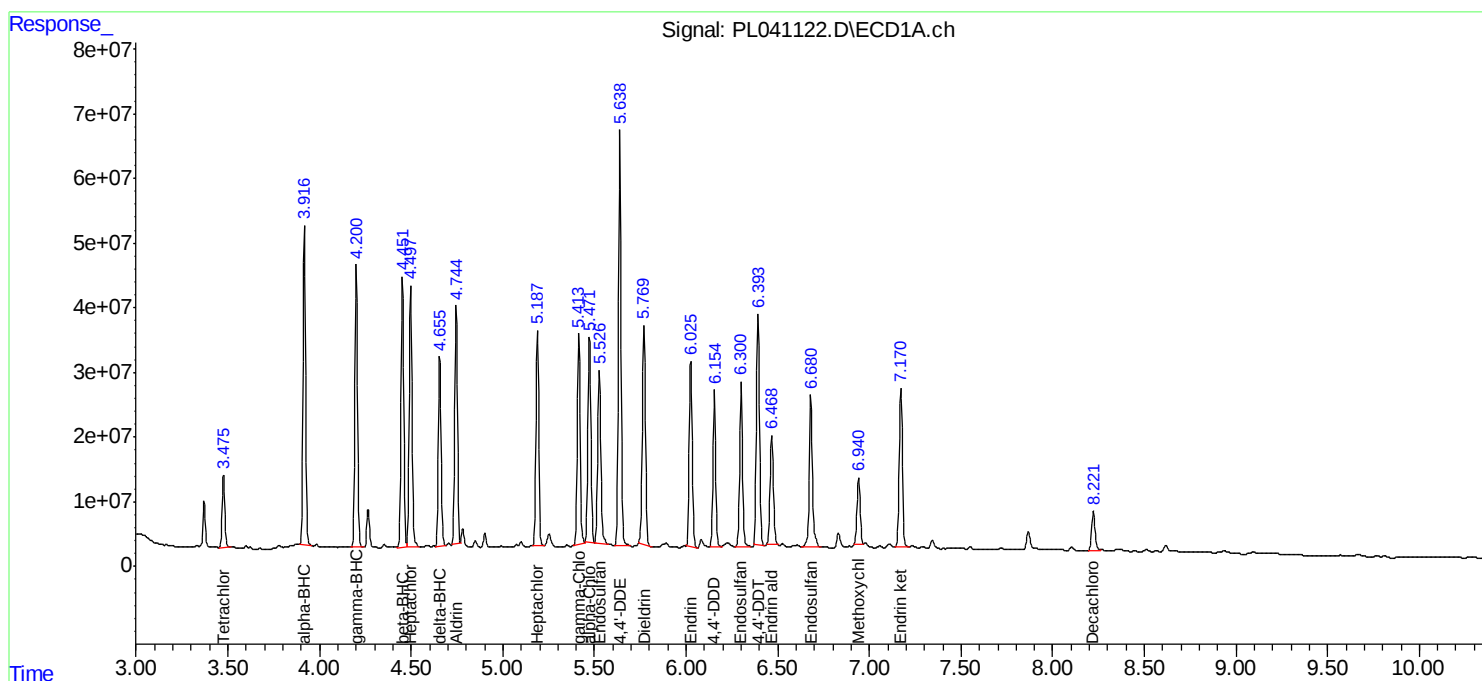
Instrument :
ECD_L
ClientSampled :
TS-08MSD

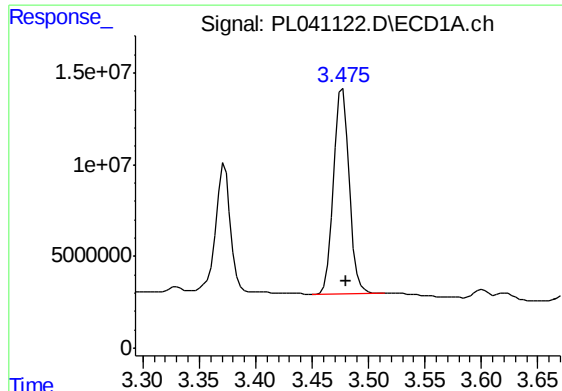
Manual Integrations
APPROVED

Sohil
10/19/2018 5:39:21 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 19 00:54:17 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101118.M
Quant Title : GC Extractables
QLast Update : Thu Oct 11 03:28:36 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





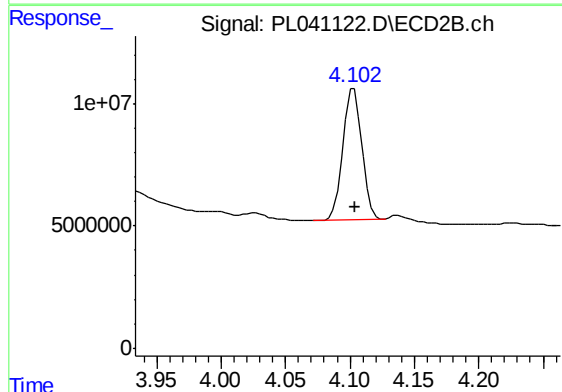
#1 Tetrachloro-m-xylene

R.T.: 3.477 min
Delta R.T.: -0.003 min
Response: 108670716
Conc: 19.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
TS-08MSD

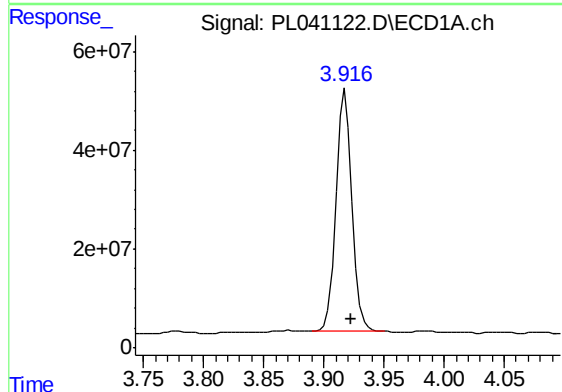
Manual Integrations
APPROVED

Sohil
10/19/2018 5:39:21 PM



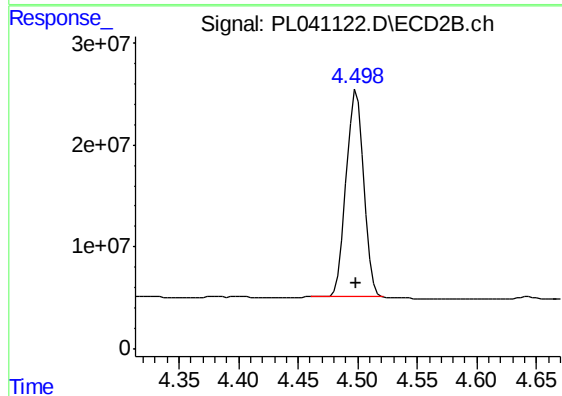
#1 Tetrachloro-m-xylene

R.T.: 4.103 min
Delta R.T.: 0.000 min
Response: 55113030
Conc: 19.77 ng/ml



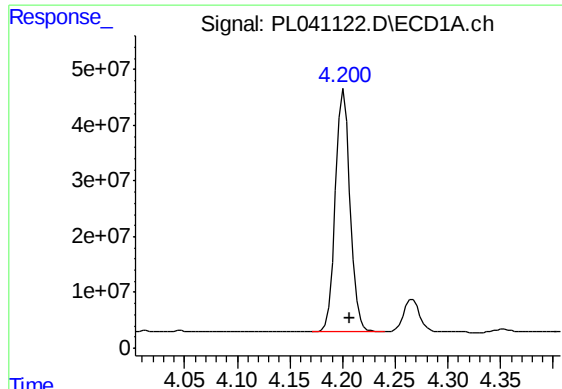
#2 alpha-BHC

R.T.: 3.918 min
Delta R.T.: -0.004 min
Response: 457161668
Conc: 57.70 ng/ml



#2 alpha-BHC

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 205623392
Conc: 53.14 ng/ml



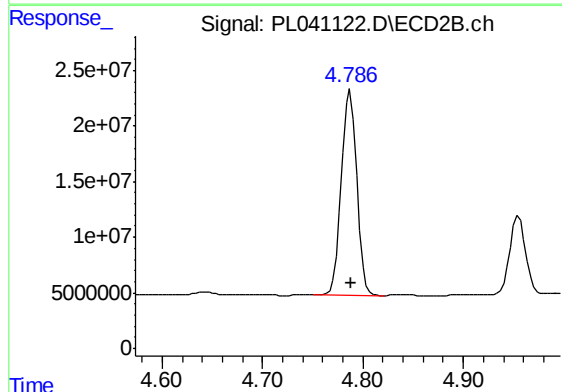
#3 gamma-BHC (Lindane)

R.T.: 4.201 min
Delta R.T.: -0.005 min
Response: 421170252
Conc: 57.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
TS-08MSD

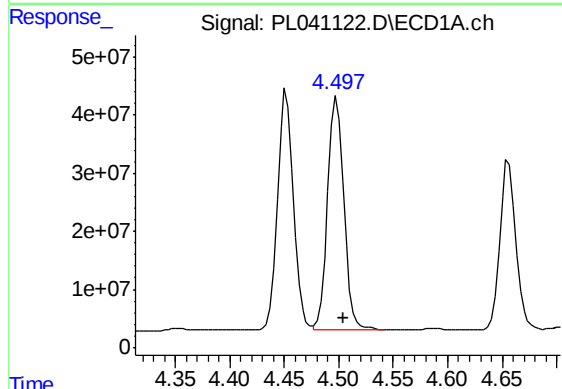
Manual Integrations
APPROVED

Sohil
10/19/2018 5:39:21 PM



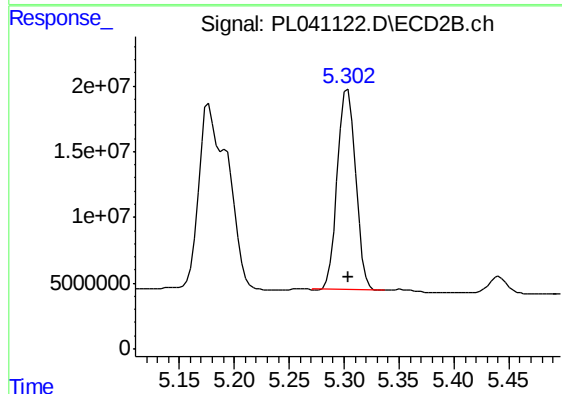
#3 gamma-BHC (Lindane)

R.T.: 4.788 min
Delta R.T.: 0.000 min
Response: 196129103
Conc: 55.08 ng/ml



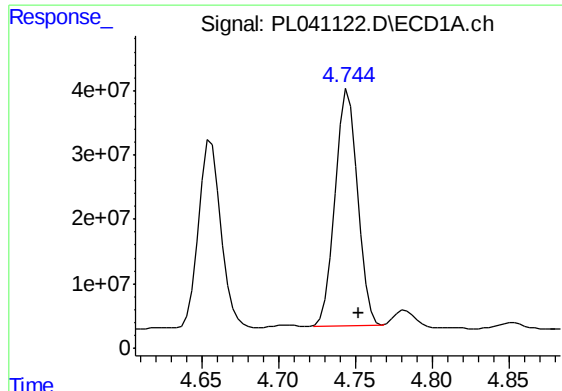
#4 Heptachlor

R.T.: 4.498 min
Delta R.T.: -0.007 min
Response: 417237218
Conc: 56.62 ng/ml



#4 Heptachlor

R.T.: 5.303 min
Delta R.T.: 0.000 min
Response: 176680614
Conc: 52.20 ng/ml



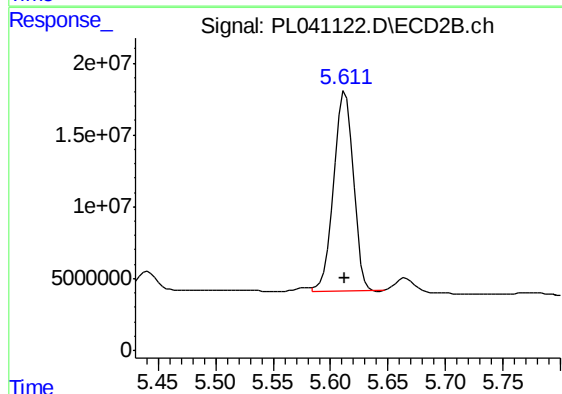
#5 Aldrin

R.T.: 4.745 min
Delta R.T.: -0.007 min
Response: 373617861
Conc: 54.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
TS-08MSD

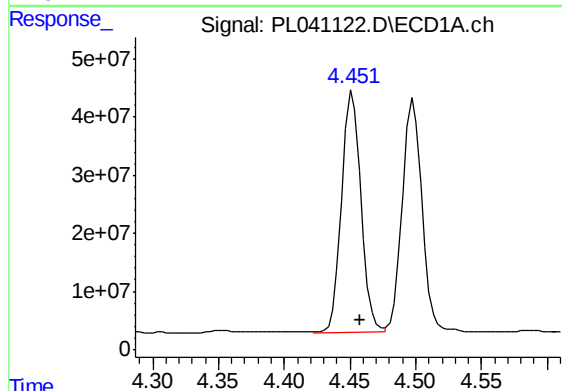
Manual Integrations
APPROVED

Sohil
10/19/2018 5:39:21 PM



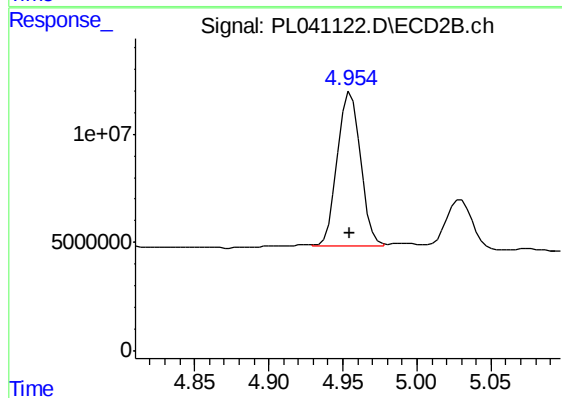
#5 Aldrin

R.T.: 5.612 min
Delta R.T.: 0.000 min
Response: 167353562
Conc: 55.45 ng/ml



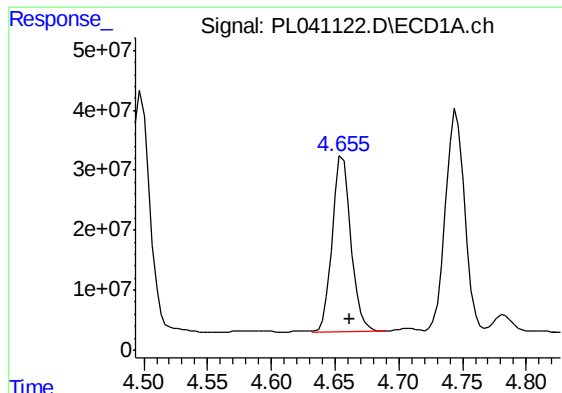
#6 beta-BHC

R.T.: 4.452 min
Delta R.T.: -0.005 min
Response: 421735402
Conc: 132.91 ng/ml



#6 beta-BHC

R.T.: 4.954 min
Delta R.T.: -0.001 min
Response: 76940436
Conc: 48.01 ng/ml m



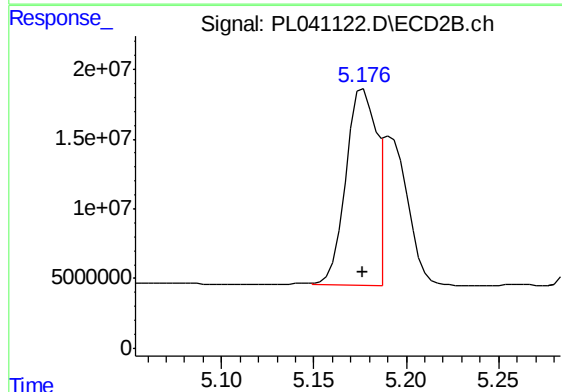
#7 delta-BHC

R.T.: 4.656 min
Delta R.T.: -0.006 min
Response: 297026453
Conc: 44.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
TS-08MSD

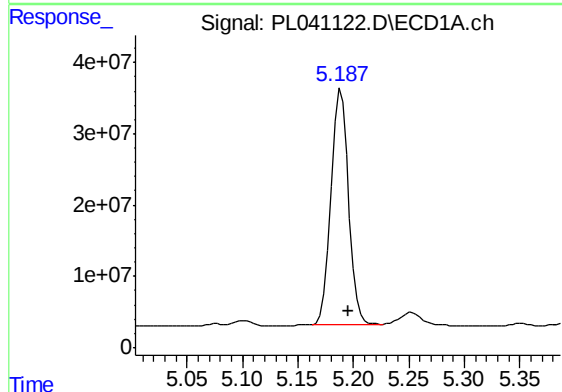
Manual Integrations
APPROVED

Sohil
10/19/2018 5:39:21 PM



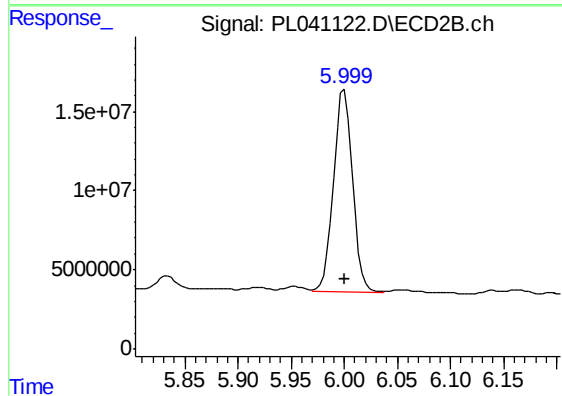
#7 delta-BHC

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 182684770
Conc: 55.65 ng/ml m



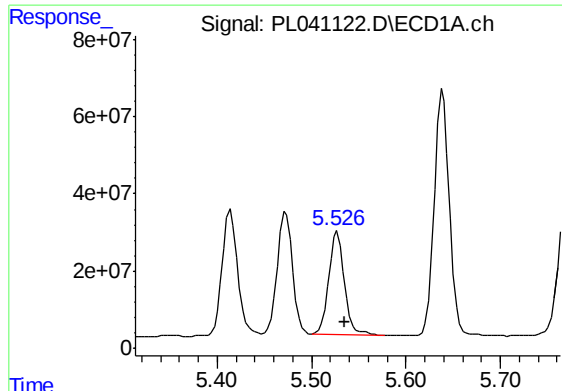
#8 Heptachlor epoxide

R.T.: 5.189 min
Delta R.T.: -0.007 min
Response: 362288306
Conc: 55.24 ng/ml



#8 Heptachlor epoxide

R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 158277765
Conc: 55.18 ng/ml



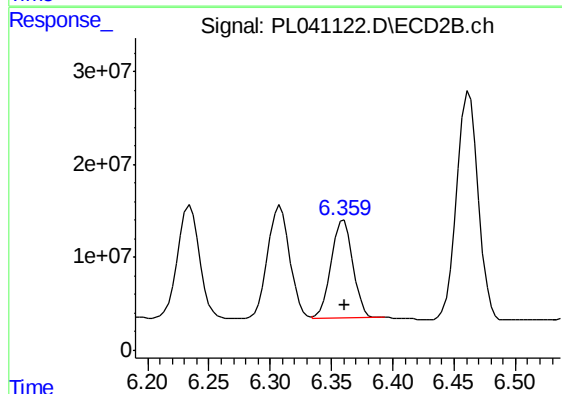
#9 Endosulfan I

R.T.: 5.527 min
Delta R.T.: -0.007 min
Response: 311305436
Conc: 51.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
TS-08MSD

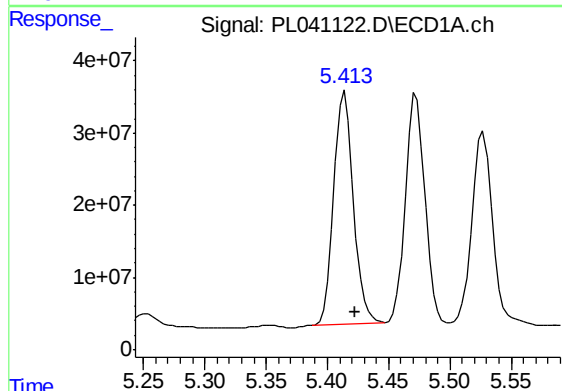
Manual Integrations
APPROVED

Sohil
10/19/2018 5:39:21 PM



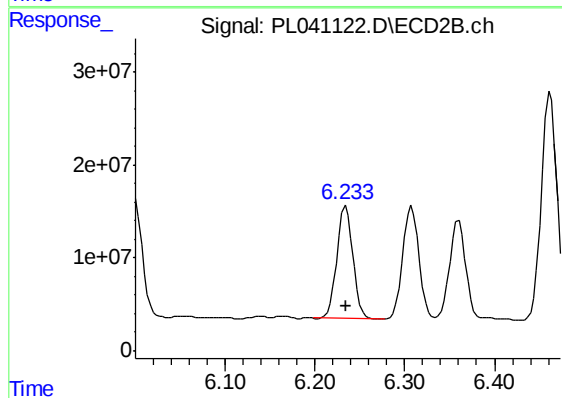
#9 Endosulfan I

R.T.: 6.360 min
Delta R.T.: 0.000 min
Response: 129693279
Conc: 50.64 ng/ml



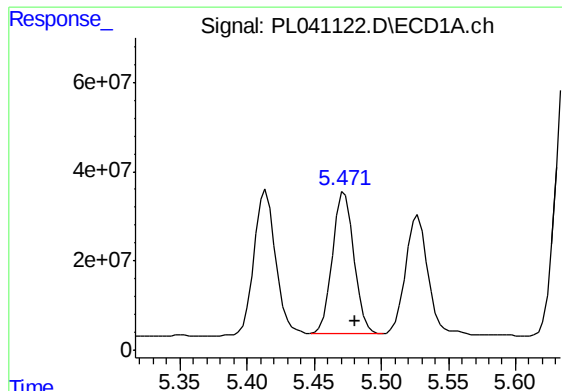
#10 gamma-Chlordane

R.T.: 5.413 min
Delta R.T.: -0.010 min
Response: 360967810
Conc: 54.89 ng/ml m



#10 gamma-Chlordane

R.T.: 6.235 min
Delta R.T.: 0.000 min
Response: 151217971
Conc: 53.92 ng/ml



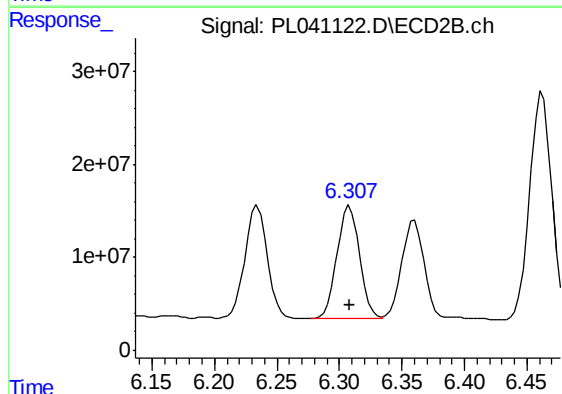
#11 alpha-Chlordane

R.T.: 5.473 min
Delta R.T.: -0.008 min
Response: 354014006
Conc: 54.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
TS-08MSD

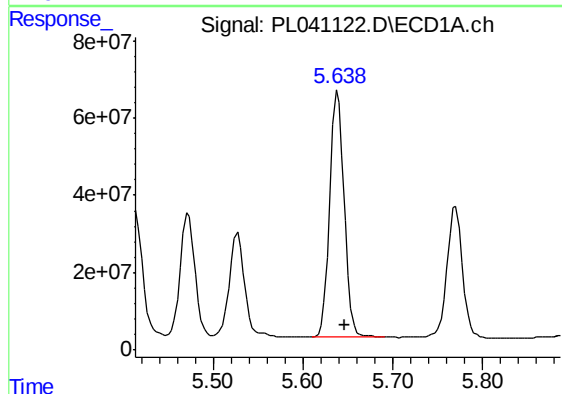
Manual Integrations
APPROVED

Sohil
10/19/2018 5:39:21 PM



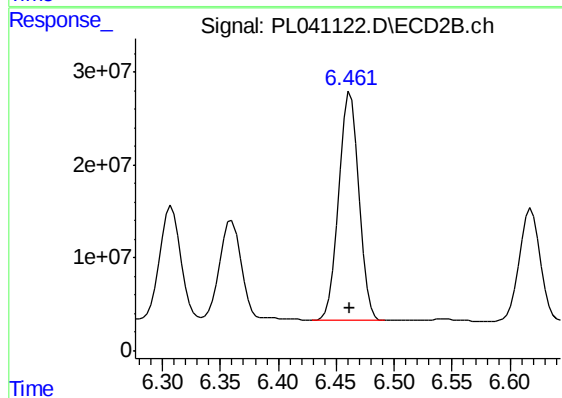
#11 alpha-Chlordane

R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 152733964
Conc: 55.03 ng/ml



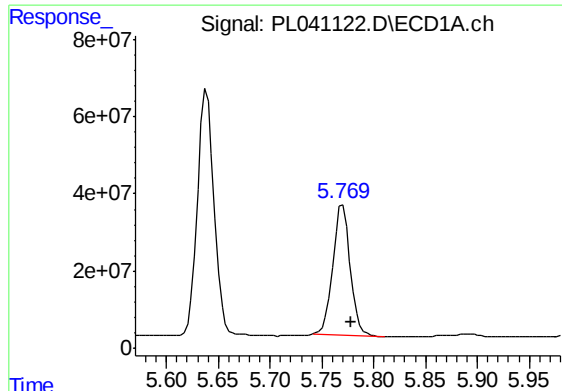
#12 4,4'-DDE

R.T.: 5.639 min
Delta R.T.: -0.008 min
Response: 718030254
Conc: 126.33 ng/ml



#12 4,4'-DDE

R.T.: 6.461 min
Delta R.T.: -0.001 min
Response: 300814381
Conc: 113.72 ng/ml m



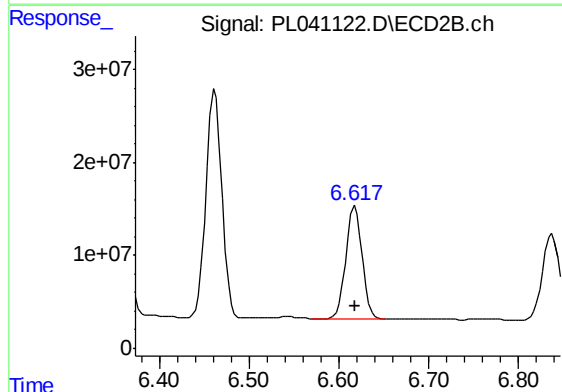
#13 Dieldrin

R.T.: 5.770 min
Delta R.T.: -0.008 min
Response: 393900022
Conc: 62.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
TS-08MSD

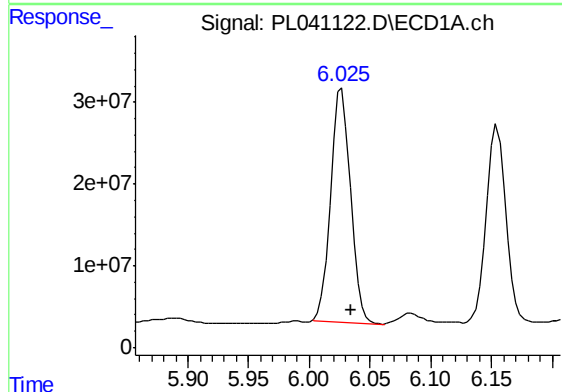
Manual Integrations
APPROVED

Sohil
10/19/2018 5:39:21 PM



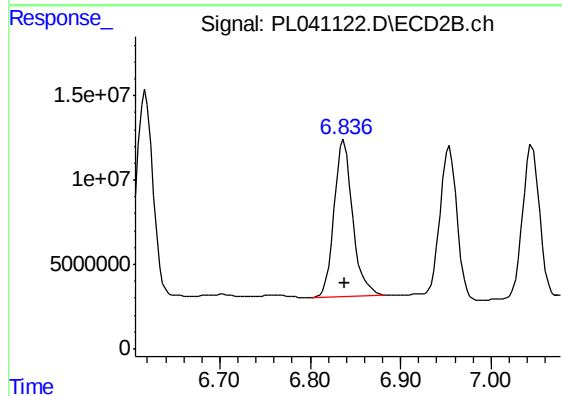
#13 Dieldrin

R.T.: 6.618 min
Delta R.T.: 0.000 min
Response: 152690758
Conc: 57.35 ng/ml



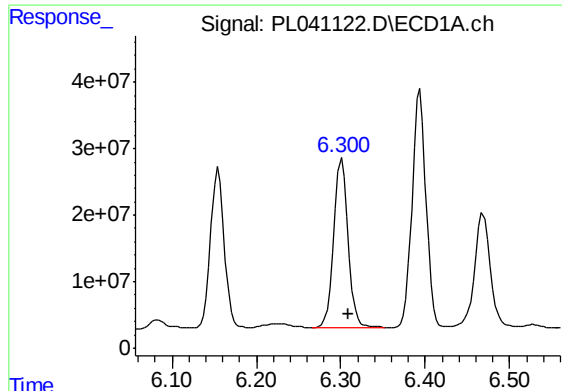
#14 Endrin

R.T.: 6.027 min
Delta R.T.: -0.008 min
Response: 326546020
Conc: 56.85 ng/ml



#14 Endrin

R.T.: 6.836 min
Delta R.T.: -0.002 min
Response: 131541198
Conc: 58.93 ng/ml m



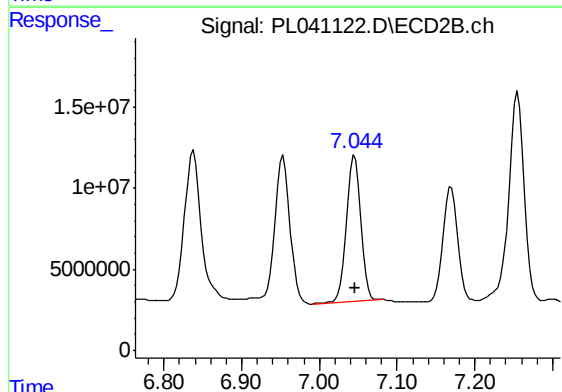
#15 Endosulfan II

R.T.: 6.301 min
Delta R.T.: -0.008 min
Response: 299328617
Conc: 53.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
TS-08MSD

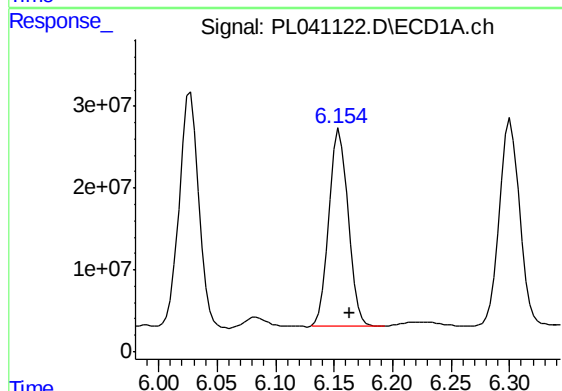
Manual Integrations
APPROVED

Sohil
10/19/2018 5:39:21 PM



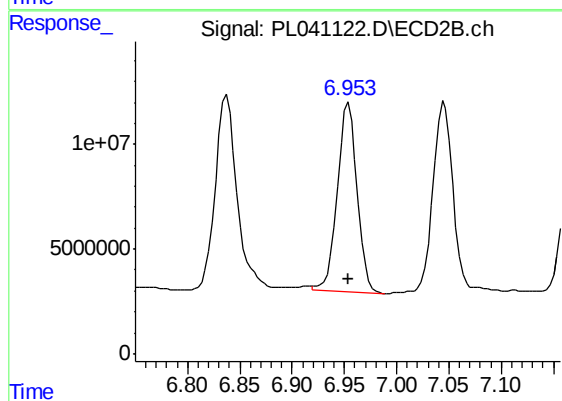
#15 Endosulfan II

R.T.: 7.046 min
Delta R.T.: 0.000 min
Response: 116300060
Conc: 48.97 ng/ml



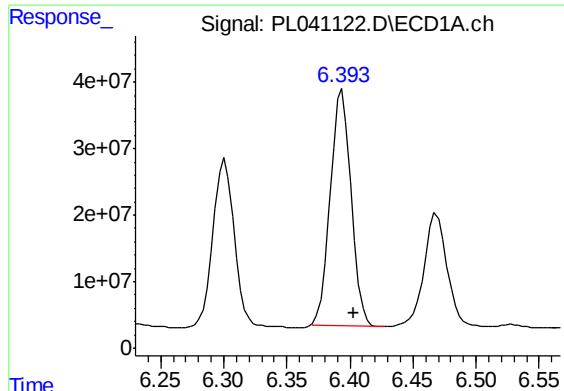
#16 4,4'-DDD

R.T.: 6.155 min
Delta R.T.: -0.008 min
Response: 267618171
Conc: 59.25 ng/ml



#16 4,4'-DDD

R.T.: 6.953 min
Delta R.T.: 0.000 min
Response: 119305364
Conc: 56.96 ng/ml m



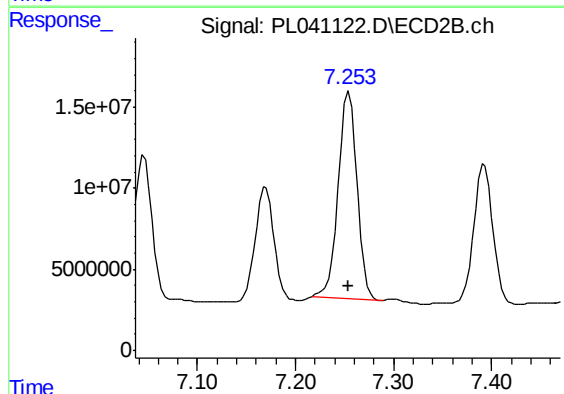
#17 4,4'-DDT

R.T.: 6.394 min
Delta R.T.: -0.009 min
Response: 409317554
Conc: 89.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
TS-08MSD

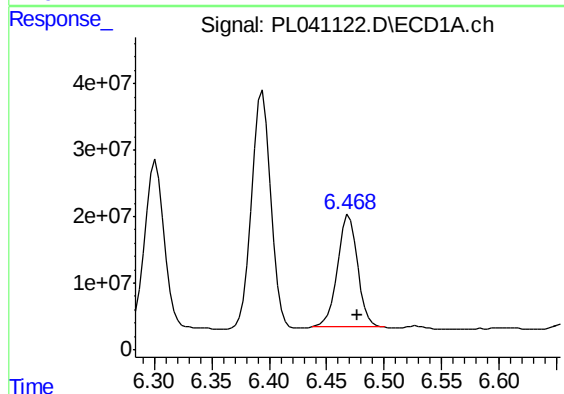
Manual Integrations
APPROVED

Sohil
10/19/2018 5:39:21 PM



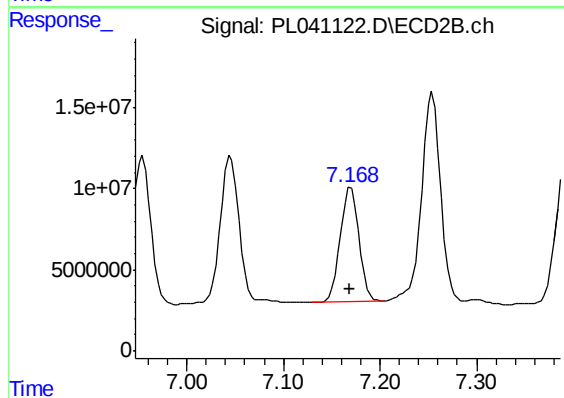
#17 4,4'-DDT

R.T.: 7.255 min
Delta R.T.: 0.000 min
Response: 169452256
Conc: 81.46 ng/ml



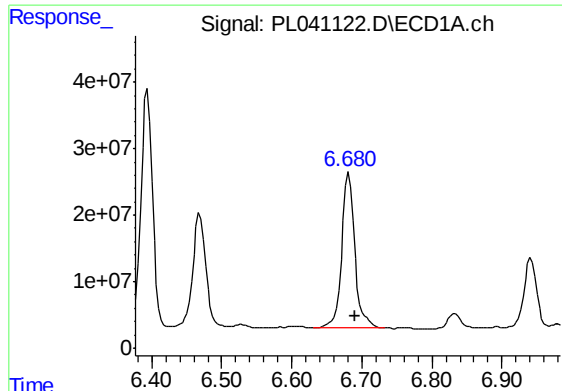
#18 Endrin aldehyde

R.T.: 6.468 min
Delta R.T.: -0.010 min
Response: 208845677
Conc: 49.81 ng/ml m



#18 Endrin aldehyde

R.T.: 7.170 min
Delta R.T.: 0.000 min
Response: 92695481
Conc: 46.72 ng/ml



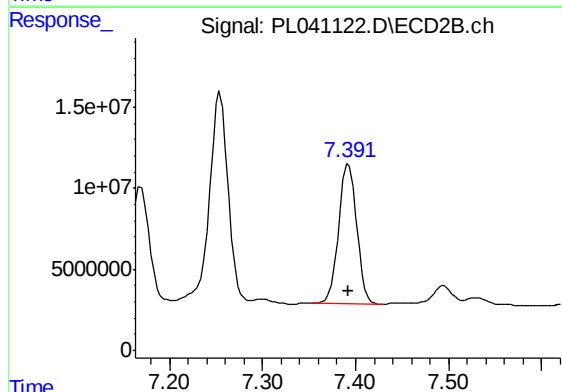
#19 Endosulfan Sulfate

R.T.: 6.681 min
Delta R.T.: -0.009 min
Response: 300937528
Conc: 59.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
TS-08MSD

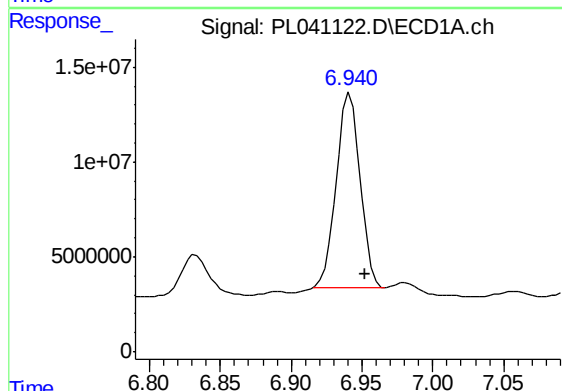
Manual Integrations
APPROVED

Sohil
10/19/2018 5:39:21 PM



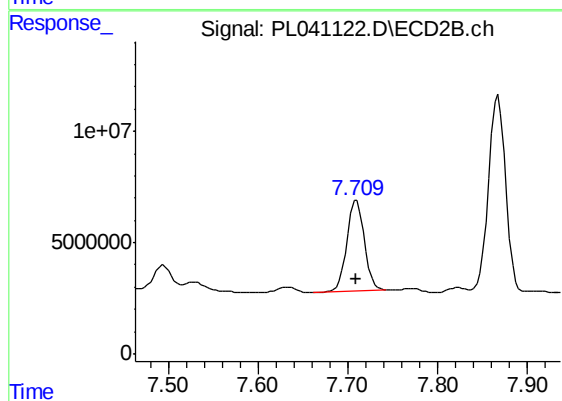
#19 Endosulfan Sulfate

R.T.: 7.393 min
Delta R.T.: 0.000 min
Response: 115800740
Conc: 51.83 ng/ml



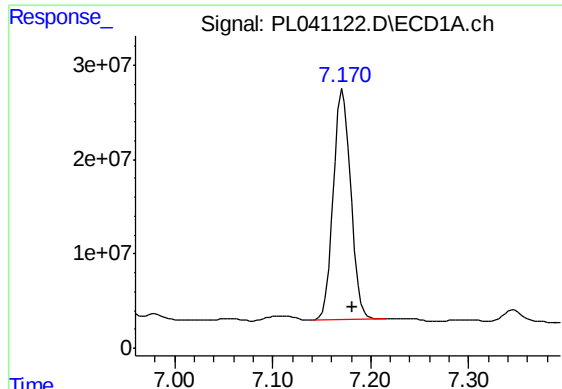
#20 Methoxychlor

R.T.: 6.940 min
Delta R.T.: -0.012 min
Response: 120896689
Conc: 46.48 ng/ml m



#20 Methoxychlor

R.T.: 7.710 min
Delta R.T.: 0.000 min
Response: 55364090
Conc: 47.03 ng/ml



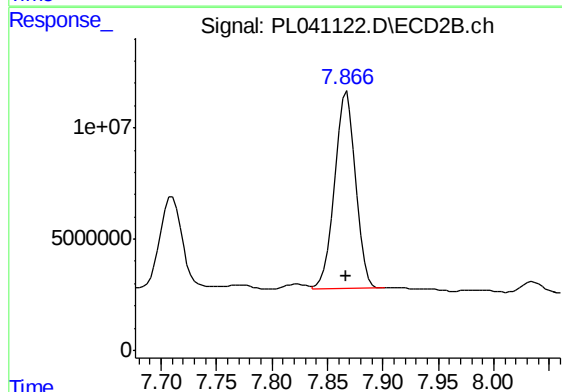
#21 Endrin ketone

R.T.: 7.172 min
Delta R.T.: -0.009 min
Response: 301898482
Conc: 57.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
TS-08MSD

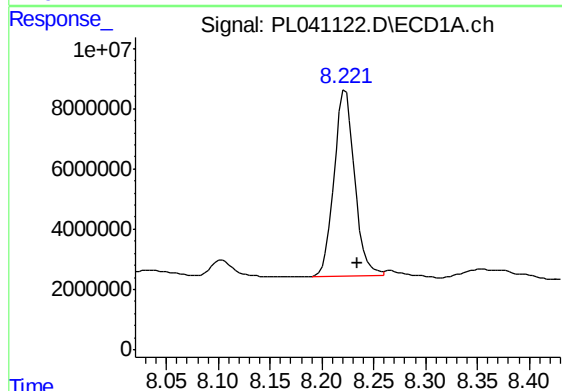
Manual Integrations
APPROVED

Sohil
10/19/2018 5:39:21 PM



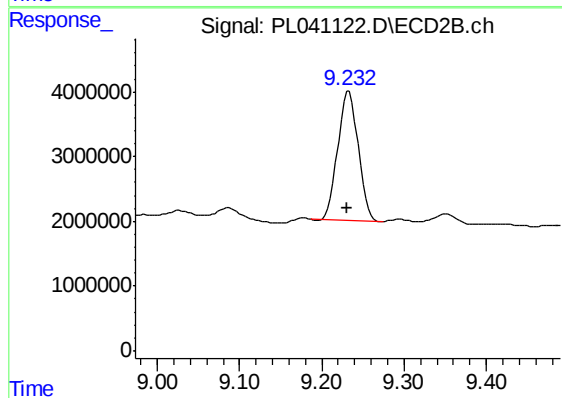
#21 Endrin ketone

R.T.: 7.867 min
Delta R.T.: 0.000 min
Response: 117477654
Conc: 49.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.223 min
Delta R.T.: -0.012 min
Response: 85911780
Conc: 16.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.233 min
Delta R.T.: 0.002 min
Response: 34561948
Conc: 13.37 ng/ml