

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081419\
 Data File : PL051489.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Aug 2019 19:17
 Operator : SM\AJ
 Sample : K4340-03MS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LS-SAMPLE-2MS

Manual Integrations
 APPROVED

Ankita
 8/16/2019 2:42:40 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 15 09:12:19 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...	3.315	3.927	209.0E6	58361690	20.797	20.455
28)	SA Decachlor...	7.975	8.955	152.5E6	39941539	15.059	14.124
Target Compounds							
2)	A alpha-BHC	3.743	4.315	1016.4E6	249.7E6	60.652	60.517
3)	MA gamma-BHC...	4.018	4.598	957.2E6	239.7E6	62.228	61.875
4)	MA Heptachlor	4.301	5.099	1001.2E6	244.9E6	61.020	59.069
5)	MB Aldrin	4.539	5.401	957.7E6	234.8E6	61.819	62.315
6)	B beta-BHC	4.273	4.775	404.9E6	109.4E6	61.763	63.252
7)	B delta-BHC	4.466	4.988	824.7E6	187.0E6	50.259	48.354
8)	B Heptachlor...	4.975	5.788	879.6E6	217.1E6	59.540	56.758
9)	A Endosulfan I	5.305	6.142	837.2E6	207.3E6	57.561	60.280
10)	B gamma-Chl...	5.198	6.021	904.3E6	217.6E6	57.298	58.893
11)	B alpha-Chl...	5.254	6.093	880.2E6	218.9E6	57.693	59.717
12)	B 4,4'-DDE	5.421	6.253	865.0E6	219.0E6	57.721	60.773
13)	MA Dieldrin	5.544	6.399	904.6E6	219.6E6	58.374	62.006
14)	MA Endrin	5.797	6.615	840.5E6	183.9E6	57.101	59.293
15)	B Endosulfa...	6.072	6.829	759.9E6	191.3E6	54.295	60.161
16)	A 4,4'-DDD	5.931	6.742	697.6E6	165.7E6	58.210	62.228m
17)	MA 4,4'-DDT	6.165	7.040	681.2E6	165.3E6	54.995	61.247
18)	B Endrin al...	6.239	6.951	627.8E6	158.6E6	54.418	58.376m
19)	B Endosulfa...	6.451	7.175	731.7E6	184.3E6	57.433	63.809
20)	A Methoxychlor	6.710	7.501	350.5E6	90737810	56.184	61.841
21)	B Endrin ke...	6.931	7.644	835.3E6	193.3E6	61.073	66.868
22)	Mirex	7.105	8.091	553.1E6	136.3E6	56.417	59.356

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081419\
Data File : PL051489.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2019 19:17
Operator : SM\AJ
Sample : K4340-03MS
Misc :
ALS Vial : 35 Sample Multiplier: 1

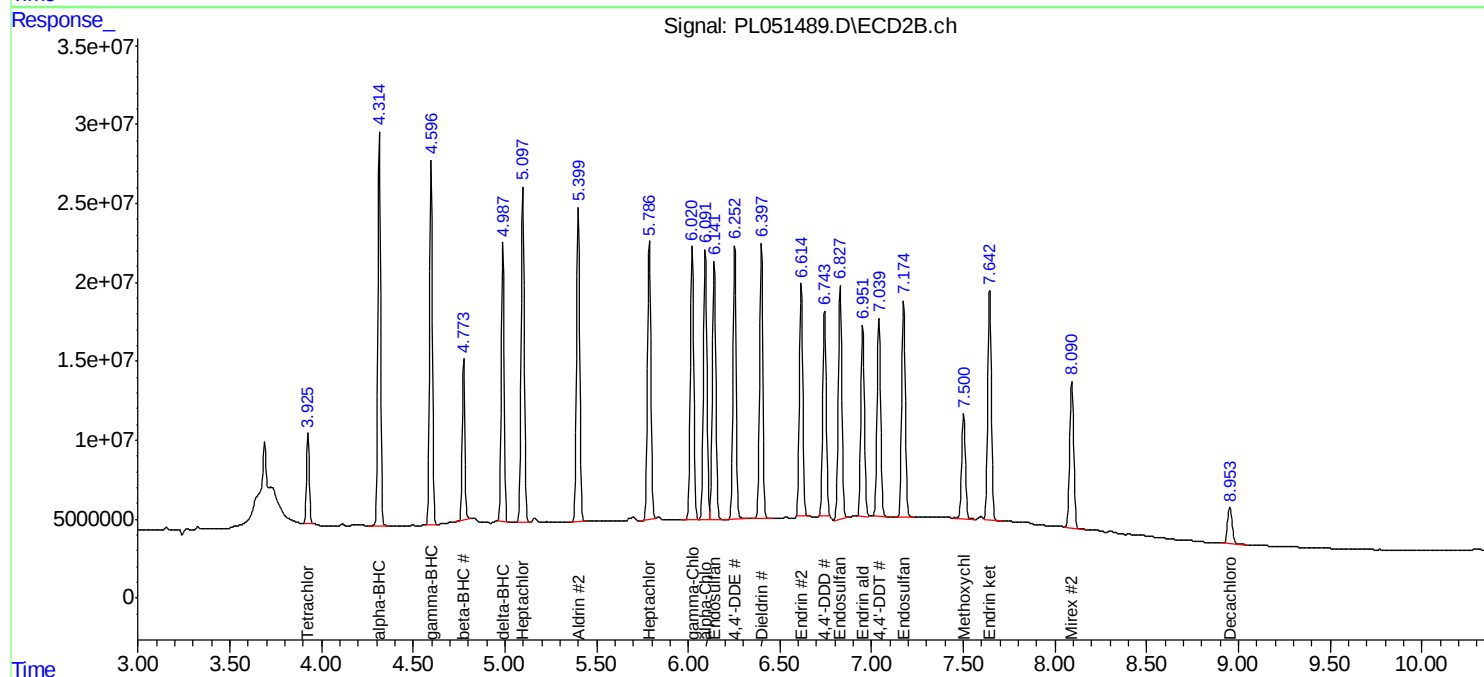
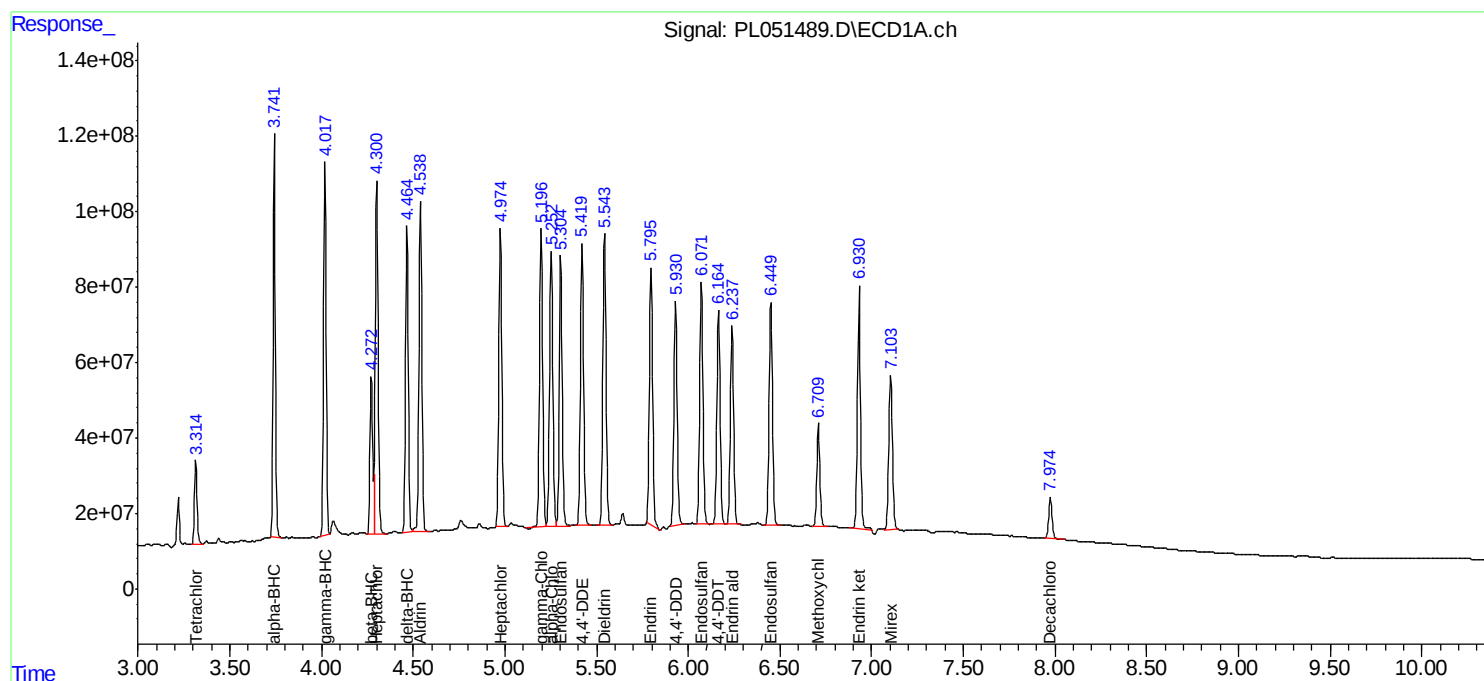
Instrument :
ECD_L
ClientSampleId :
LS-SAMPLE-2MS

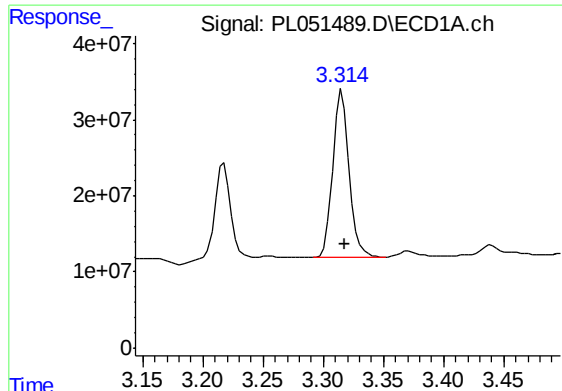
Manual Integrations
APPROVED

Ankita
8/16/2019 2:42:40 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 15 09:12:19 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





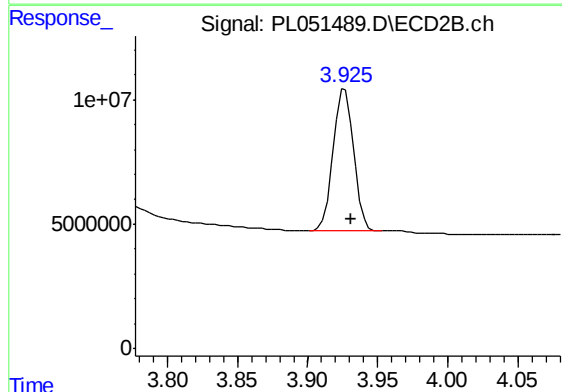
#1 Tetrachloro-m-xylene

R.T.: 3.315 min
Delta R.T.: -0.003 min
Response: 208963439
Conc: 20.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
LS-SAMPLE-2MS

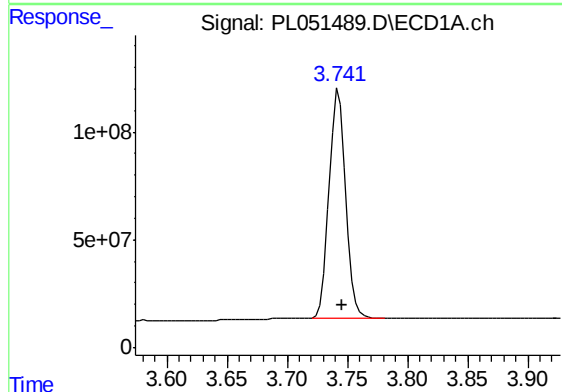
Manual Integrations
APPROVED

Ankita
8/16/2019 2:42:40 PM



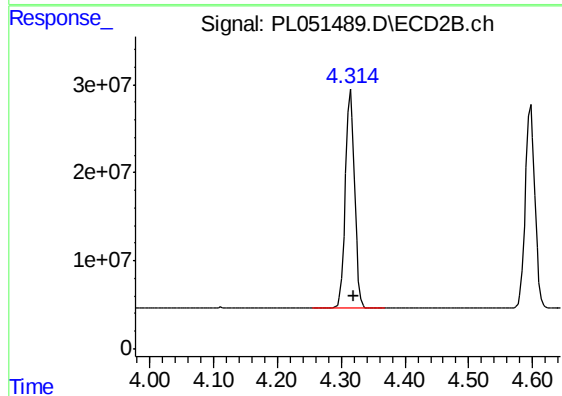
#1 Tetrachloro-m-xylene

R.T.: 3.927 min
Delta R.T.: -0.004 min
Response: 58361690
Conc: 20.45 ng/ml



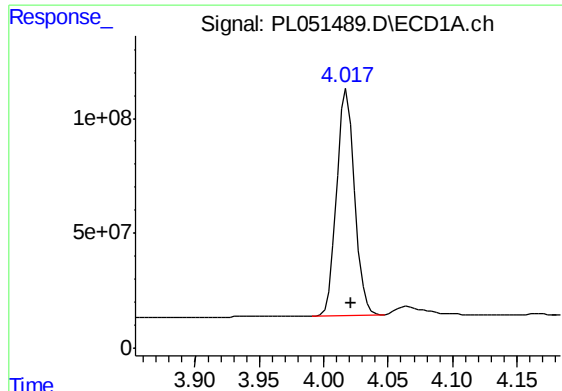
#2 alpha-BHC

R.T.: 3.743 min
Delta R.T.: -0.003 min
Response: 1016394445
Conc: 60.65 ng/ml



#2 alpha-BHC

R.T.: 4.315 min
Delta R.T.: -0.004 min
Response: 249693756
Conc: 60.52 ng/ml



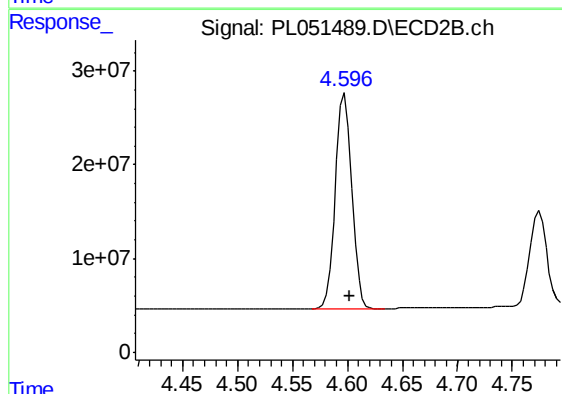
#3 gamma-BHC (Lindane)

R.T.: 4.018 min
Delta R.T.: -0.003 min
Response: 957170515
Conc: 62.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
LS-SAMPLE-2MS

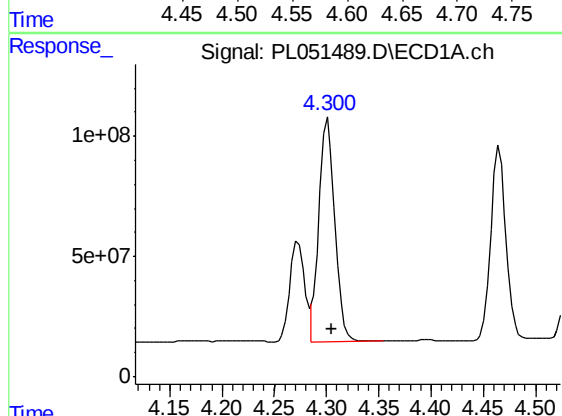
Manual Integrations
APPROVED

Ankita
8/16/2019 2:42:40 PM



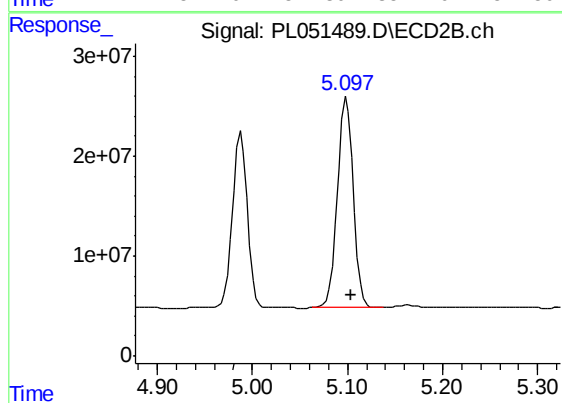
#3 gamma-BHC (Lindane)

R.T.: 4.598 min
Delta R.T.: -0.004 min
Response: 239652615
Conc: 61.87 ng/ml



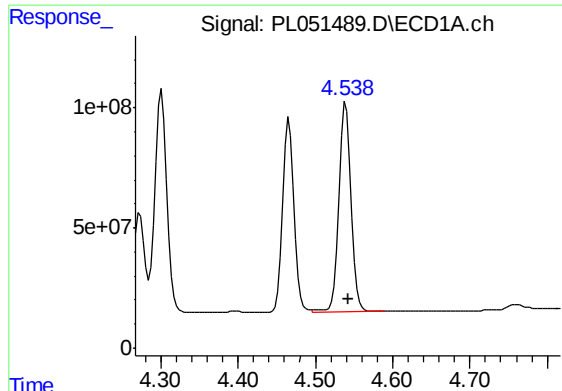
#4 Heptachlor

R.T.: 4.301 min
Delta R.T.: -0.004 min
Response: 1001212331
Conc: 61.02 ng/ml



#4 Heptachlor

R.T.: 5.099 min
Delta R.T.: -0.005 min
Response: 244939378
Conc: 59.07 ng/ml



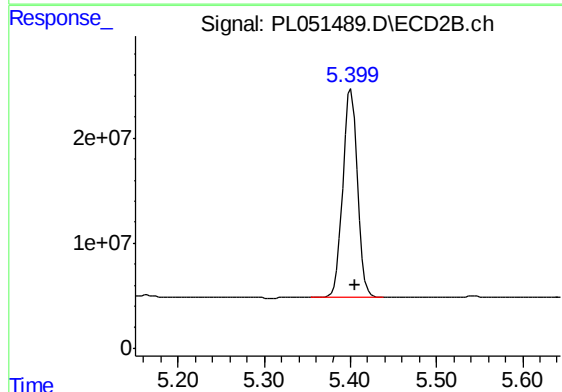
#5 Aldrin

R.T.: 4.539 min
Delta R.T.: -0.004 min
Response: 957668940
Conc: 61.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
LS-SAMPLE-2MS

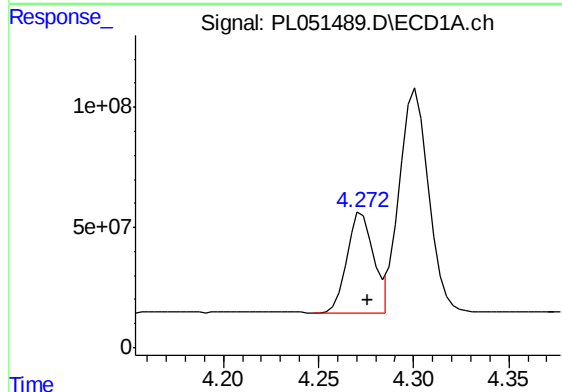
Manual Integrations
APPROVED

Ankita
8/16/2019 2:42:40 PM



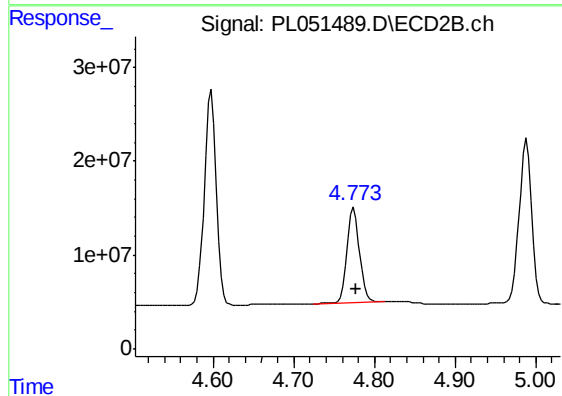
#5 Aldrin

R.T.: 5.401 min
Delta R.T.: -0.005 min
Response: 234824747
Conc: 62.32 ng/ml



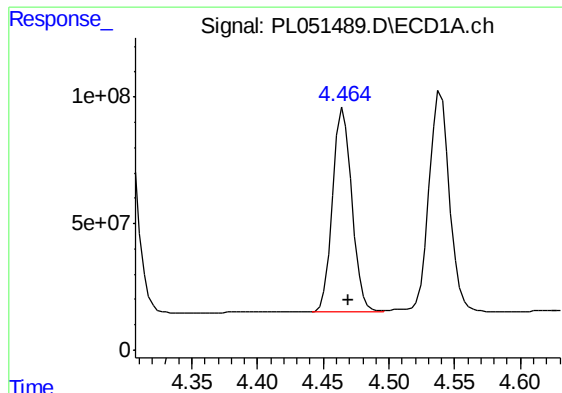
#6 beta-BHC

R.T.: 4.273 min
Delta R.T.: -0.003 min
Response: 404910737
Conc: 61.76 ng/ml



#6 beta-BHC

R.T.: 4.775 min
Delta R.T.: -0.003 min
Response: 109353429
Conc: 63.25 ng/ml



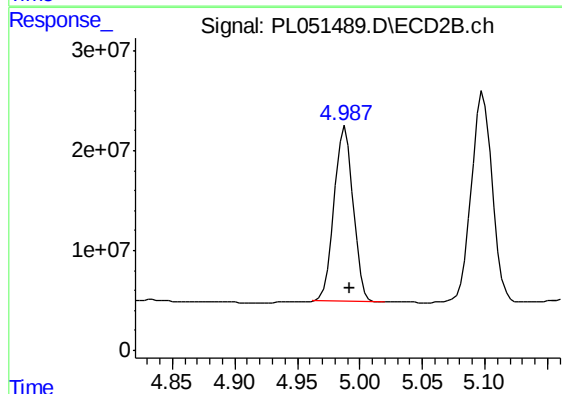
#7 delta-BHC

R.T.: 4.466 min
Delta R.T.: -0.003 min
Response: 824682170
Conc: 50.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
LS-SAMPLE-2MS

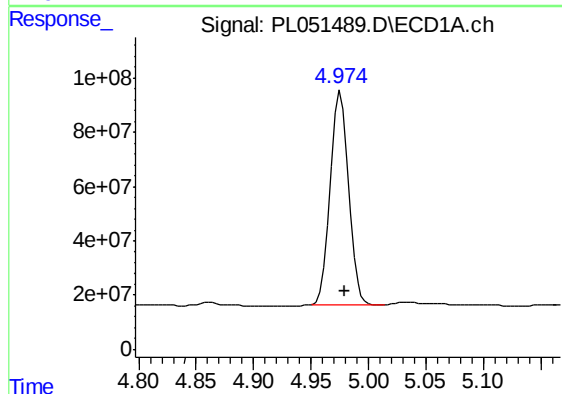
Manual Integrations
APPROVED

Ankita
8/16/2019 2:42:40 PM



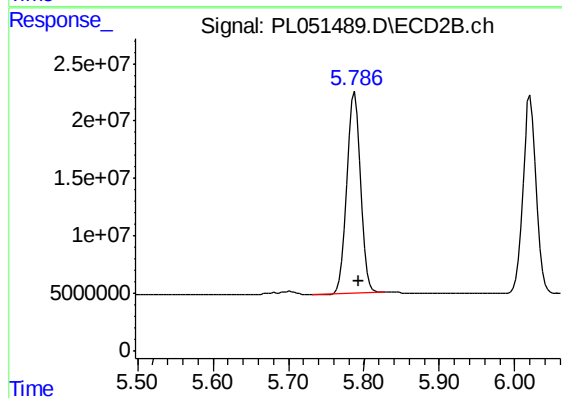
#7 delta-BHC

R.T.: 4.988 min
Delta R.T.: -0.003 min
Response: 187014348
Conc: 48.35 ng/ml



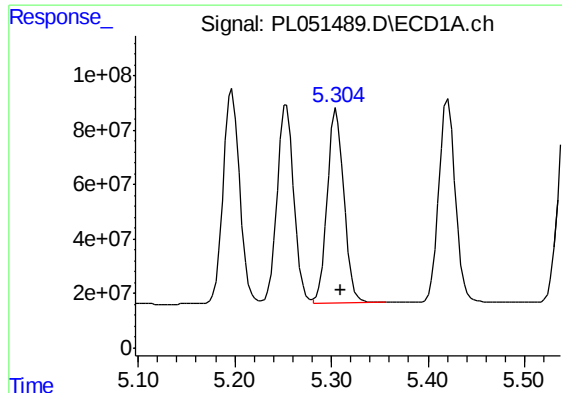
#8 Heptachlor epoxide

R.T.: 4.975 min
Delta R.T.: -0.004 min
Response: 879626314
Conc: 59.54 ng/ml



#8 Heptachlor epoxide

R.T.: 5.788 min
Delta R.T.: -0.005 min
Response: 217088142
Conc: 56.76 ng/ml



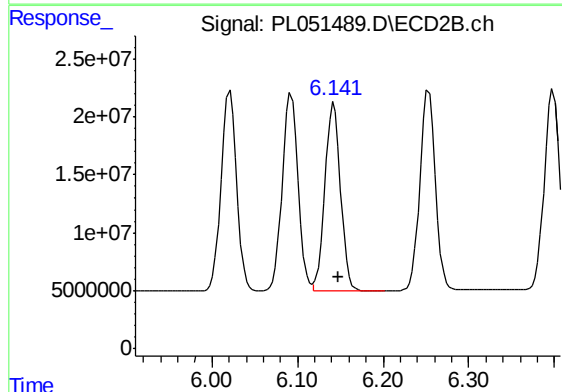
#9 Endosulfan I

R.T.: 5.305 min
Delta R.T.: -0.005 min
Response: 837159100
Conc: 57.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
LS-SAMPLE-2MS

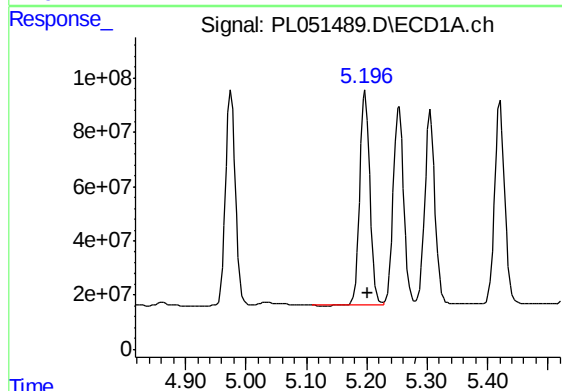
Manual Integrations
APPROVED

Ankita
8/16/2019 2:42:40 PM



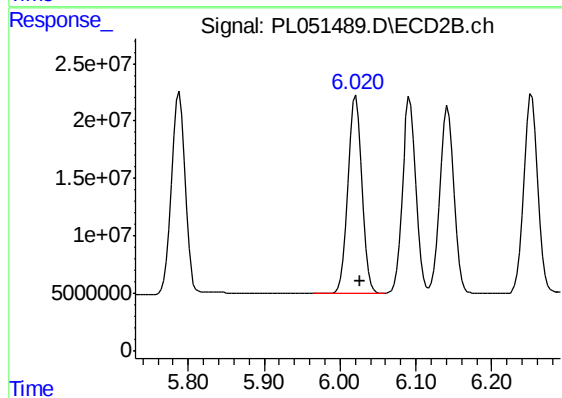
#9 Endosulfan I

R.T.: 6.142 min
Delta R.T.: -0.005 min
Response: 207296509
Conc: 60.28 ng/ml



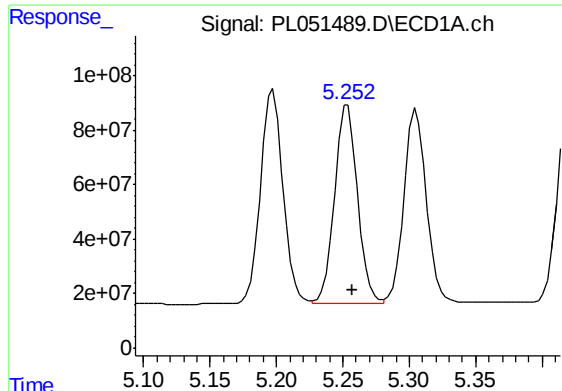
#10 gamma-Chlordane

R.T.: 5.198 min
Delta R.T.: -0.004 min
Response: 904338576
Conc: 57.30 ng/ml



#10 gamma-Chlordane

R.T.: 6.021 min
Delta R.T.: -0.005 min
Response: 217625165
Conc: 58.89 ng/ml



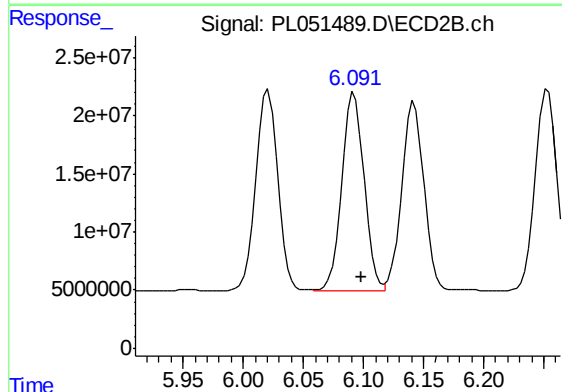
#11 alpha-Chlordane

R.T.: 5.254 min
Delta R.T.: -0.004 min
Response: 880166487
Conc: 57.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
LS-SAMPLE-2MS

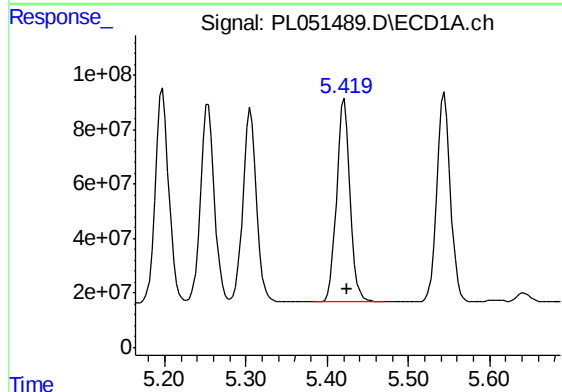
Manual Integrations
APPROVED

Ankita
8/16/2019 2:42:40 PM



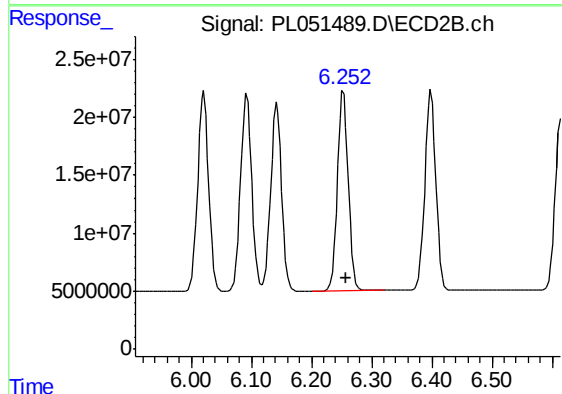
#11 alpha-Chlordane

R.T.: 6.093 min
Delta R.T.: -0.005 min
Response: 218873394
Conc: 59.72 ng/ml



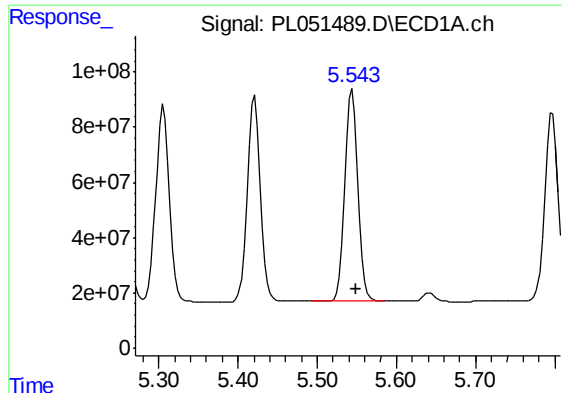
#12 4,4'-DDE

R.T.: 5.421 min
Delta R.T.: -0.004 min
Response: 865003463
Conc: 57.72 ng/ml



#12 4,4'-DDE

R.T.: 6.253 min
Delta R.T.: -0.005 min
Response: 218990923
Conc: 60.77 ng/ml



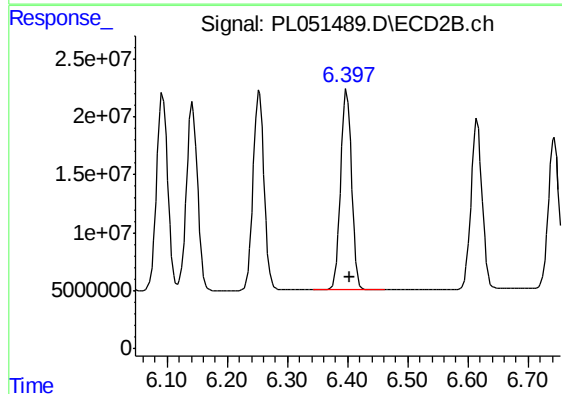
#13 Dielddrin

R.T.: 5.544 min
Delta R.T.: -0.004 min
Response: 904613135
Conc: 58.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
LS-SAMPLE-2MS

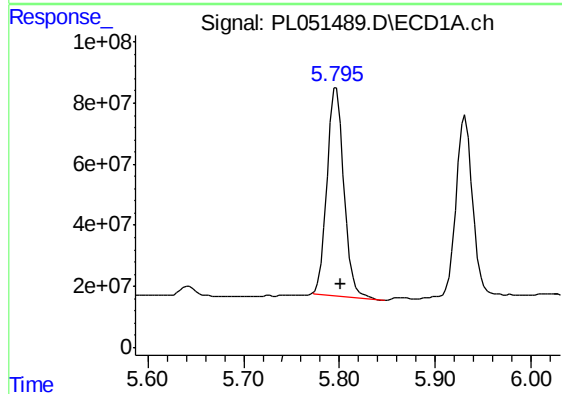
Manual Integrations
APPROVED

Ankita
8/16/2019 2:42:40 PM



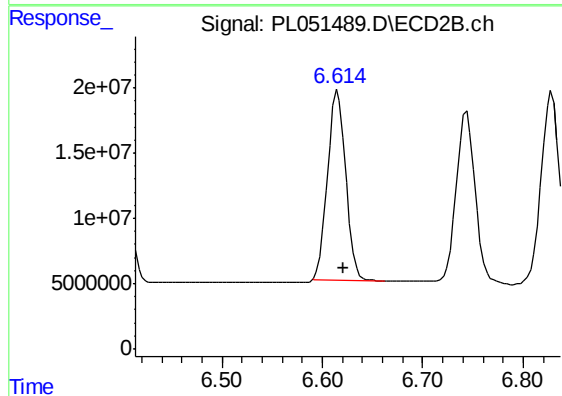
#13 Dielddrin

R.T.: 6.399 min
Delta R.T.: -0.005 min
Response: 219571913
Conc: 62.01 ng/ml



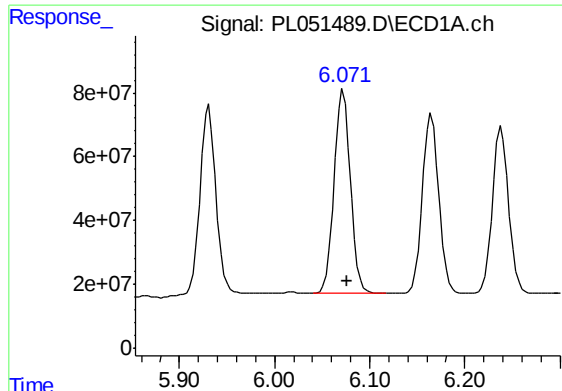
#14 Endrin

R.T.: 5.797 min
Delta R.T.: -0.005 min
Response: 840546616
Conc: 57.10 ng/ml



#14 Endrin

R.T.: 6.615 min
Delta R.T.: -0.006 min
Response: 183892840
Conc: 59.29 ng/ml



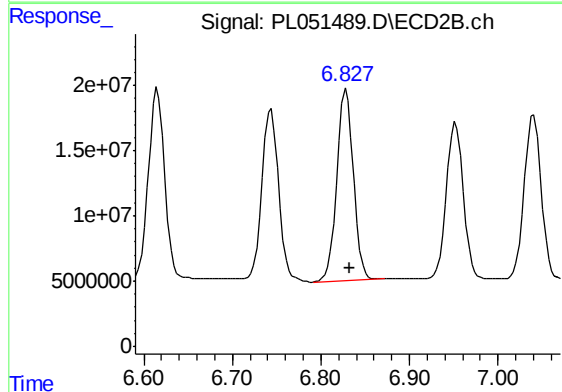
#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: -0.004 min
Response: 759858868
Conc: 54.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
LS-SAMPLE-2MS

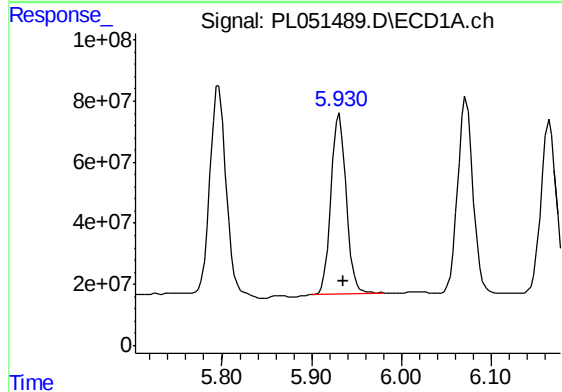
Manual Integrations
APPROVED

Ankita
8/16/2019 2:42:40 PM



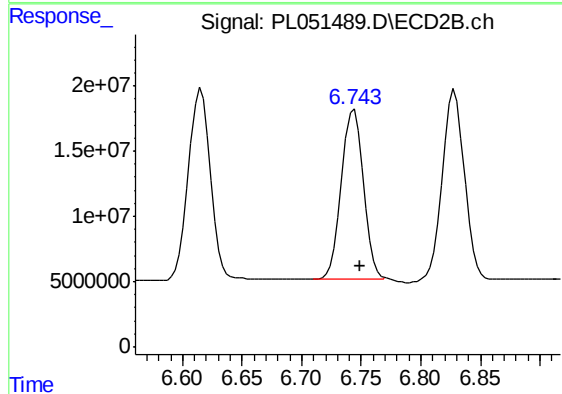
#15 Endosulfan II

R.T.: 6.829 min
Delta R.T.: -0.005 min
Response: 191261156
Conc: 60.16 ng/ml



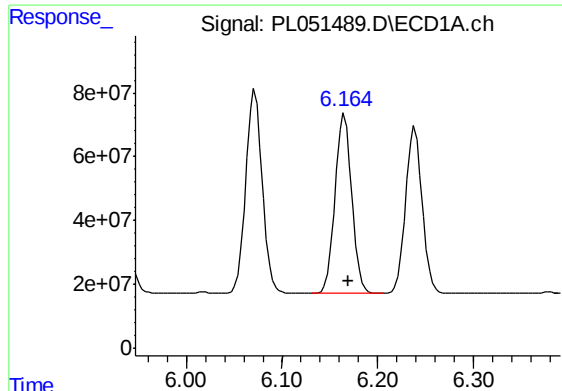
#16 4,4'-DDD

R.T.: 5.931 min
Delta R.T.: -0.004 min
Response: 697574494
Conc: 58.21 ng/ml



#16 4,4'-DDD

R.T.: 6.742 min
Delta R.T.: -0.006 min
Response: 165705147
Conc: 62.23 ng/ml m



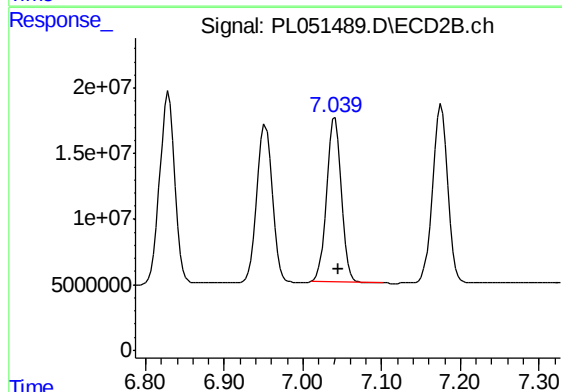
#17 4,4'-DDT

R.T.: 6.165 min
Delta R.T.: -0.004 min
Response: 681150305
Conc: 54.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
LS-SAMPLE-2MS

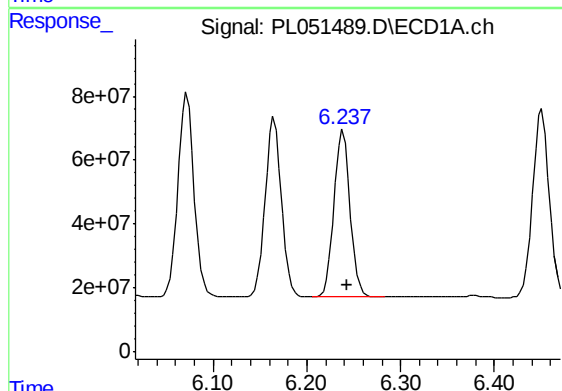
Manual Integrations
APPROVED

Ankita
8/16/2019 2:42:40 PM



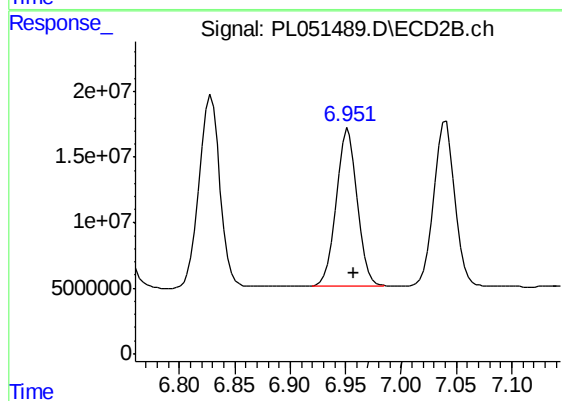
#17 4,4'-DDT

R.T.: 7.040 min
Delta R.T.: -0.005 min
Response: 165341384
Conc: 61.25 ng/ml



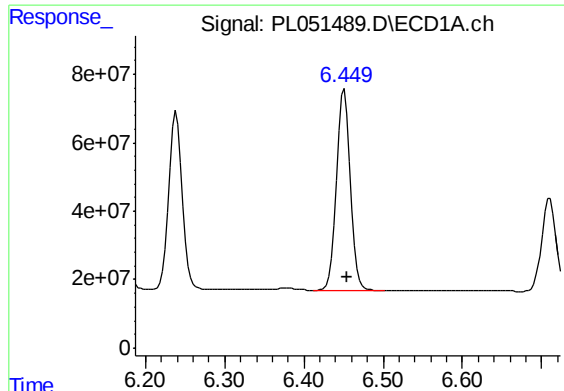
#18 Endrin aldehyde

R.T.: 6.239 min
Delta R.T.: -0.004 min
Response: 627785554
Conc: 54.42 ng/ml



#18 Endrin aldehyde

R.T.: 6.951 min
Delta R.T.: -0.006 min
Response: 158642910
Conc: 58.38 ng/ml m



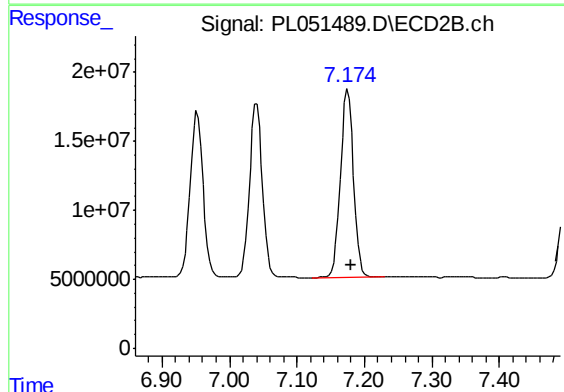
#19 Endosulfan Sulfate

R.T.: 6.451 min
Delta R.T.: -0.003 min
Response: 731672221
Conc: 57.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
LS-SAMPLE-2MS

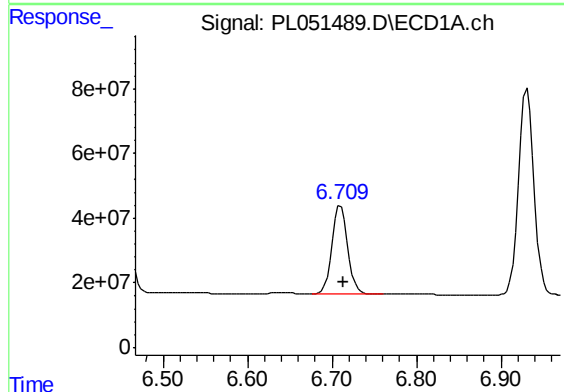
Manual Integrations
APPROVED

Ankita
8/16/2019 2:42:40 PM



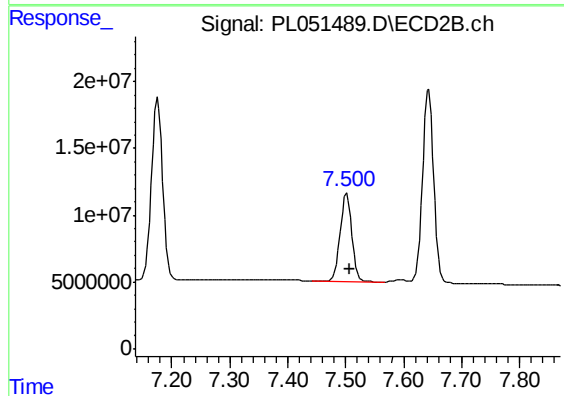
#19 Endosulfan Sulfate

R.T.: 7.175 min
Delta R.T.: -0.004 min
Response: 184296597
Conc: 63.81 ng/ml



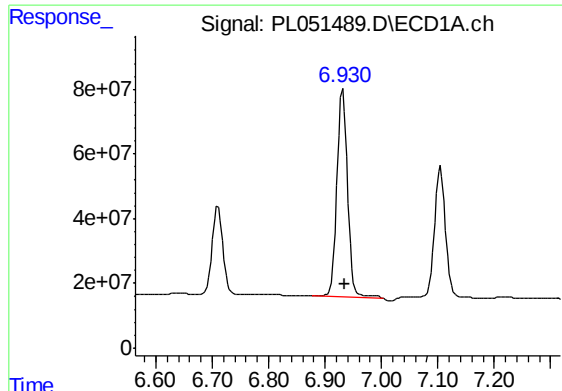
#20 Methoxychlor

R.T.: 6.710 min
Delta R.T.: -0.004 min
Response: 350528235
Conc: 56.18 ng/ml



#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: -0.006 min
Response: 90737810
Conc: 61.84 ng/ml



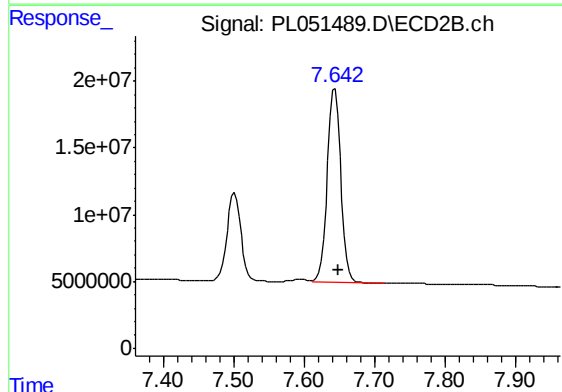
#21 Endrin ketone

R.T.: 6.931 min
Delta R.T.: -0.004 min
Response: 835327721
Conc: 61.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
LS-SAMPLE-2MS

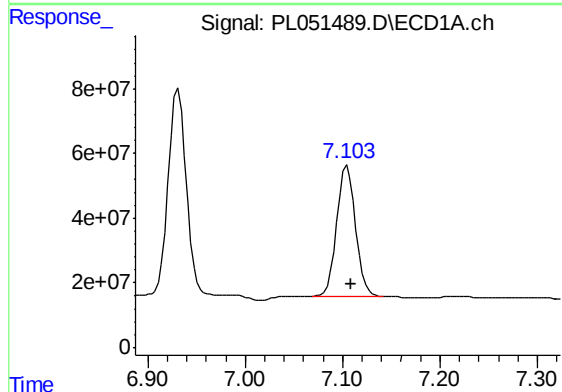
Manual Integrations
APPROVED

Ankita
8/16/2019 2:42:40 PM



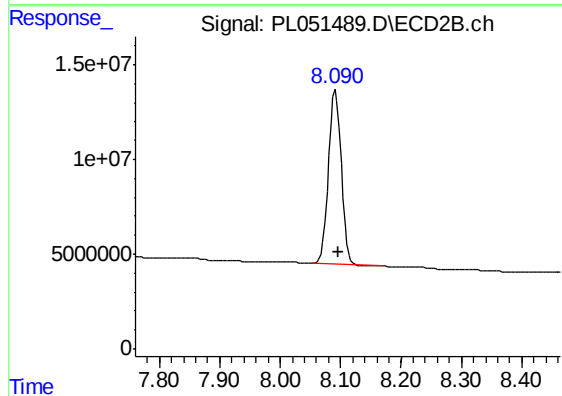
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: -0.004 min
Response: 193333053
Conc: 66.87 ng/ml



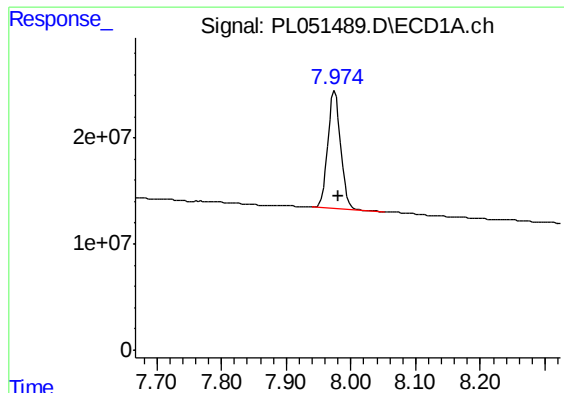
#22 Mirex

R.T.: 7.105 min
Delta R.T.: -0.004 min
Response: 553127488
Conc: 56.42 ng/ml



#22 Mirex

R.T.: 8.091 min
Delta R.T.: -0.006 min
Response: 136341273
Conc: 59.36 ng/ml



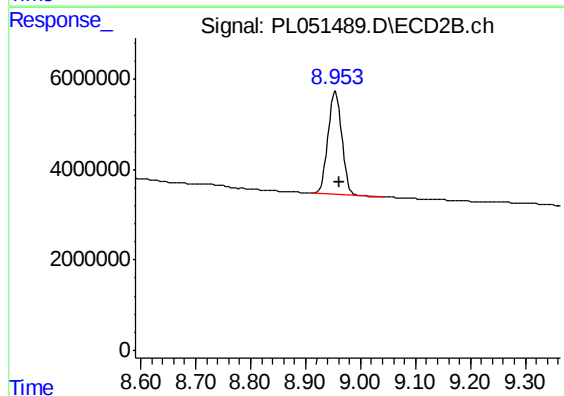
#28 Decachlorobiphenyl

R.T.: 7.975 min
Delta R.T.: -0.005 min
Response: 152480049
Conc: 15.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
LS-SAMPLE-2MS

Manual Integrations
APPROVED

Ankita
8/16/2019 2:42:40 PM



#28 Decachlorobiphenyl

R.T.: 8.955 min
Delta R.T.: -0.007 min
Response: 39941539
Conc: 14.12 ng/ml