

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062819\
 Data File : PD053760.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 28 Jun 2019 17:33
 Operator : SM\AJ
 Sample : K3555-22MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SAMPLE-14MSD

Manual Integrations
 APPROVED

Ankita
 7/1/2019 10:20:02 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 28 22:59:58 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD062119.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 22 00:19:03 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 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 x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.314	3.983	15123267	24624439	21.397	22.500
28)	SA Decachlor...	8.010	9.025	13032674	18945373	20.046	18.733
Target Compounds							
2)	A alpha-BHC	3.744	4.368	60143143	92143054	57.121	56.566m
3)	MA gamma-BHC...	4.021	4.653	59078466	88095630	59.863	56.579
4)	MA Heptachlor	4.309	5.161	49856745	86449468	55.905	57.640
5)	MB Aldrin	4.550	5.465	52861638	84406418	57.914	56.194
6)	B beta-BHC	4.270	4.820	23853157	39803967	57.338	57.416
7)	B delta-BHC	4.467	5.036	50022631	69969597	52.277	44.293
8)	B Heptachlor...	4.989	5.848	47991491	75396903	56.049	51.511
9)	A Endosulfan I	5.321	6.204	45449013	71197241	55.793	51.787
10)	B gamma-Chl...	5.212	6.080	50036176	78521006	55.858	49.861
11)	B alpha-Chl...	5.269	6.153	49204196	77927465	55.572	50.578
12)	B 4,4'-DDE	5.438	6.309	46172099	73035286	61.078	54.577
13)	MA Dieldrin	5.562	6.460	48909174	77502770	54.903	51.476
14)	MA Endrin	5.815	6.676	43610278	62828027	52.785	49.648
15)	B Endosulfa...	6.089	6.883	42149153	65147761	53.127	48.396
16)	A 4,4'-DDD	5.949	6.796	32406852	58467308	61.784	57.327
17)	MA 4,4'-DDT	6.185	7.093	35110058	60926535	57.266	56.818
18)	B Endrin al...	6.257	7.006	33804412	54276334	49.772	47.675
19)	B Endosulfa...	6.469	7.228	38552566	60266311	51.448	49.276
20)	A Methoxychlor	6.737	7.549	16680158	30836193	61.408	60.056
21)	B Endrin ke...	6.955	7.696	45204240	68736121	54.462	50.189
22)	Mirex	7.132	8.152	35490033	49110482	53.309	48.211

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062819\
Data File : PD053760.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Jun 2019 17:33
Operator : SM\AJ
Sample : K3555-22MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

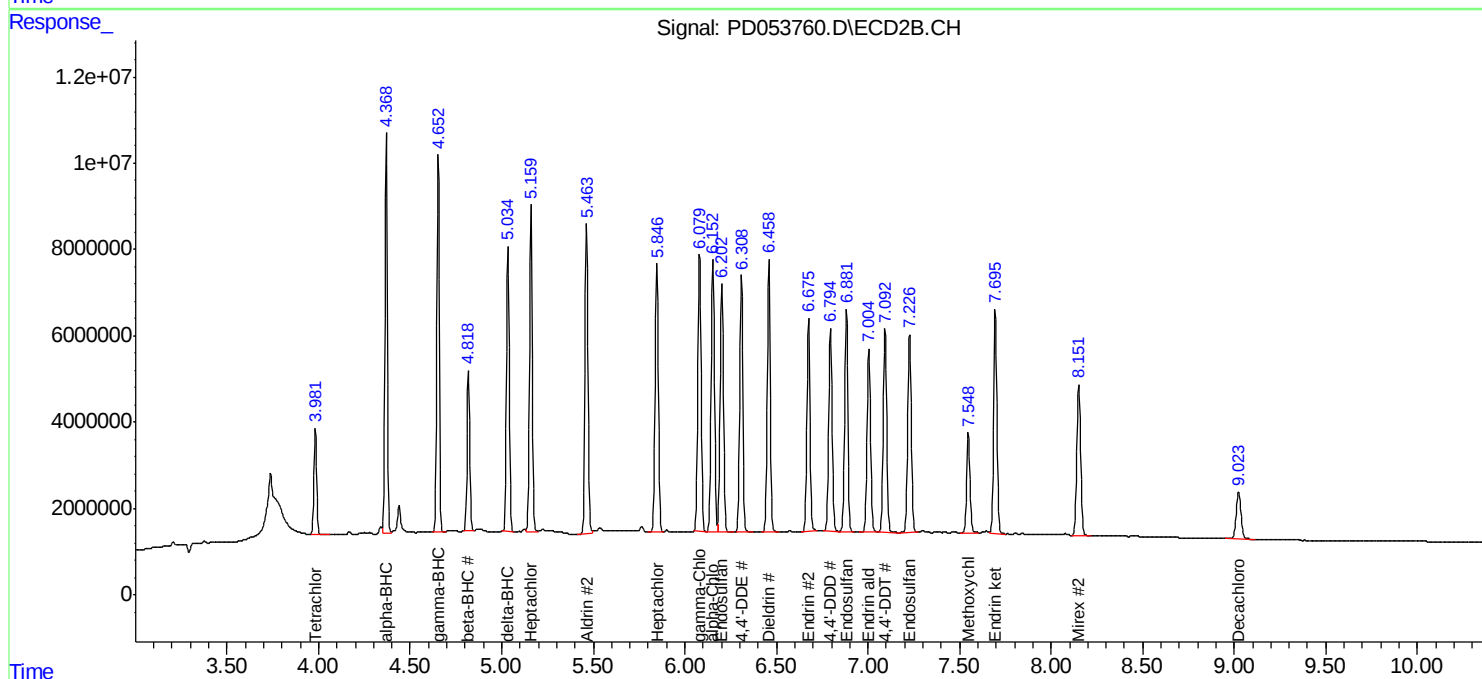
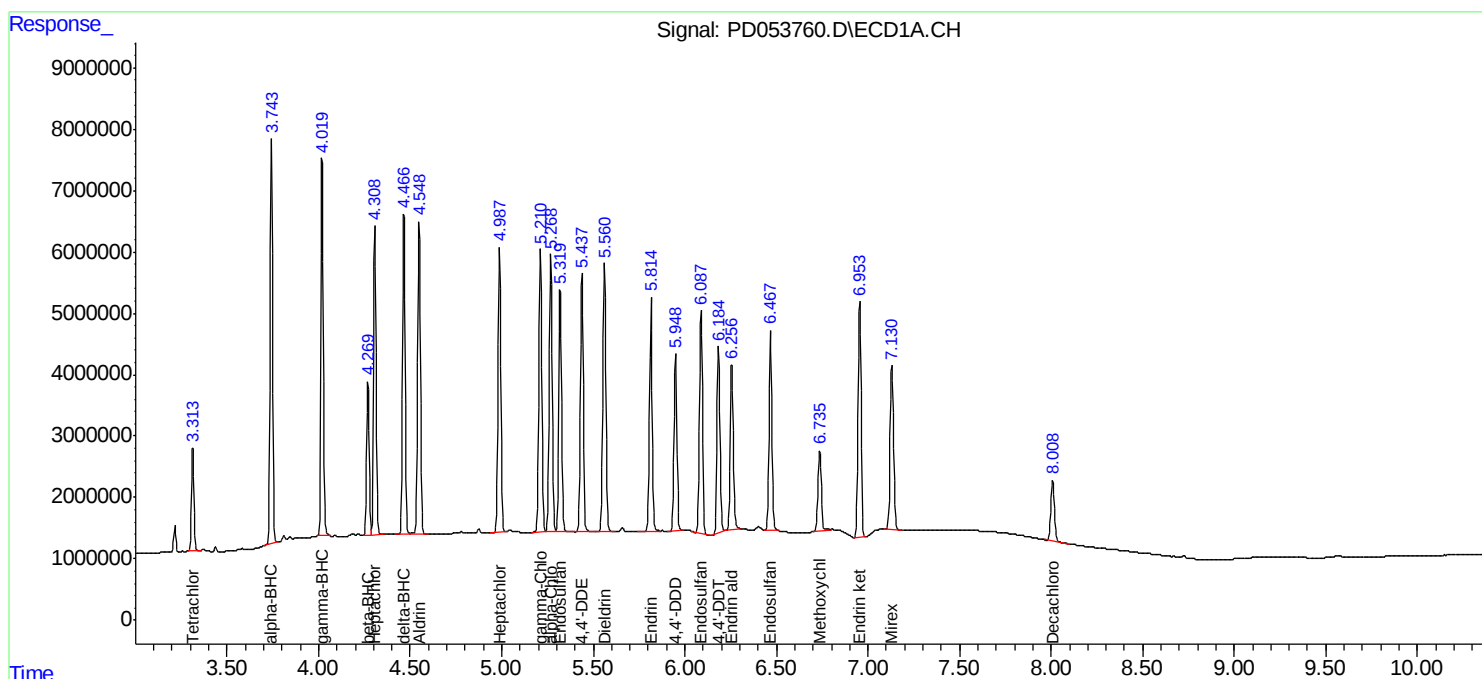
Instrument :
ECD_D
ClientSampleId :
SAMPLE-14MSD

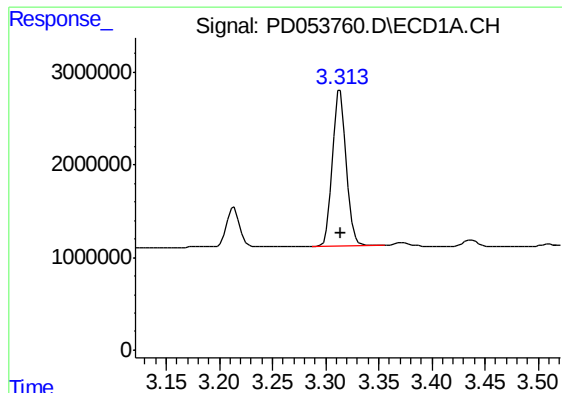
Manual Integrations
APPROVED

Ankita
7/1/2019 10:20:02 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 28 22:59:58 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD062119.M
Quant Title : GC Extractables
QLast Update : Sat Jun 22 00:19:03 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 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 x 0.50µm





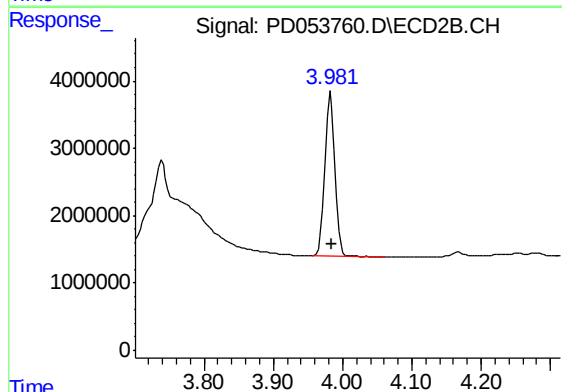
#1 Tetrachloro-m-xylene

R.T.: 3.314 min
Delta R.T.: 0.000 min
Response: 15123267
Conc: 21.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
SAMPLE-14MSD

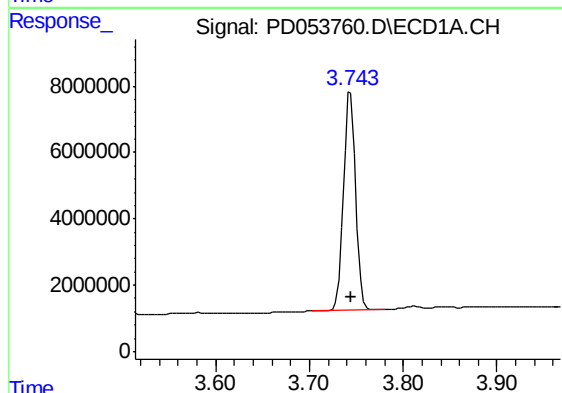
Manual Integrations
APPROVED

Ankita
7/1/2019 10:20:02 AM



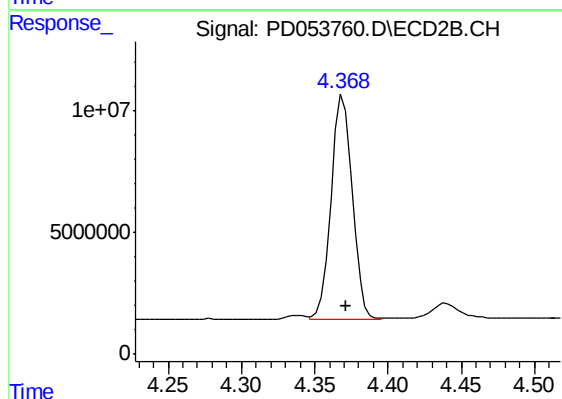
#1 Tetrachloro-m-xylene

R.T.: 3.983 min
Delta R.T.: -0.001 min
Response: 24624439
Conc: 22.50 ng/ml



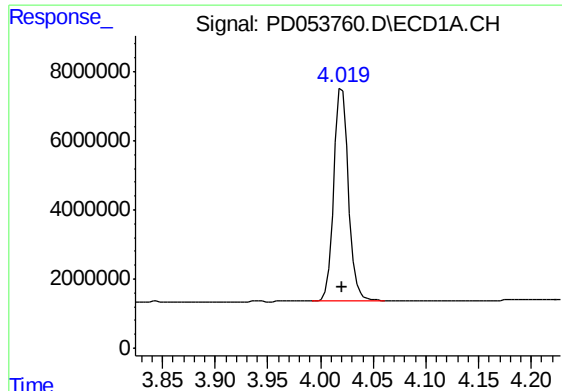
#2 alpha-BHC

R.T.: 3.744 min
Delta R.T.: 0.000 min
Response: 60143143
Conc: 57.12 ng/ml



#2 alpha-BHC

R.T.: 4.368 min
Delta R.T.: -0.003 min
Response: 92143054
Conc: 56.57 ng/ml m



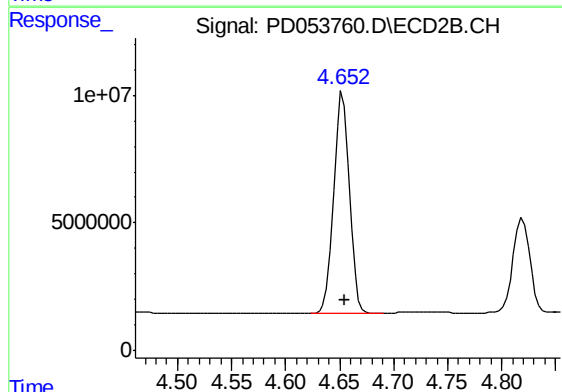
#3 gamma-BHC (Lindane)

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 59078466
Conc: 59.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
SAMPLE-14MSD

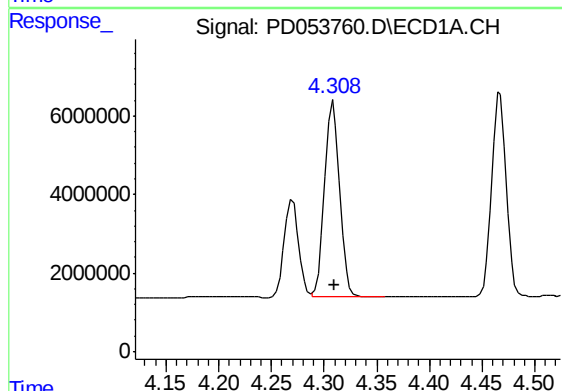
Manual Integrations
APPROVED

Ankita
7/1/2019 10:20:02 AM



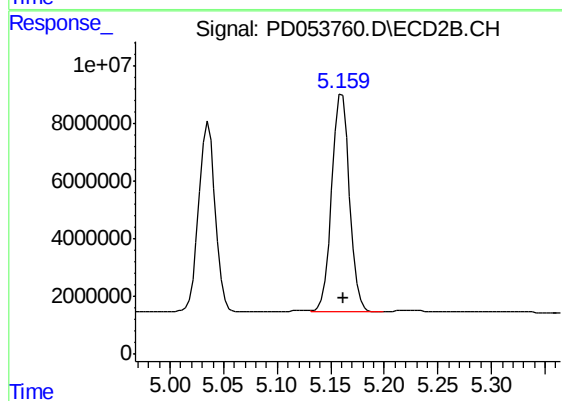
#3 gamma-BHC (Lindane)

R.T.: 4.653 min
Delta R.T.: -0.001 min
Response: 88095630
Conc: 56.58 ng/ml



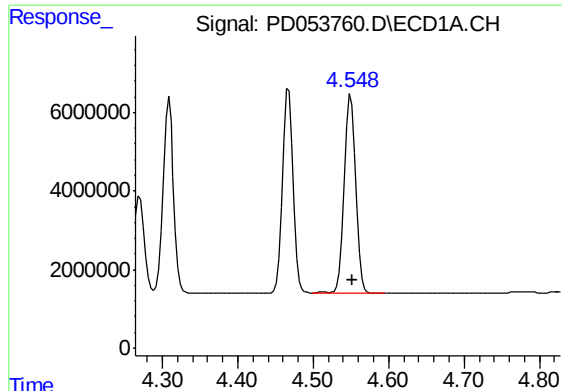
#4 Heptachlor

R.T.: 4.309 min
Delta R.T.: -0.001 min
Response: 49856745
Conc: 55.90 ng/ml



#4 Heptachlor

R.T.: 5.161 min
Delta R.T.: -0.002 min
Response: 86449468
Conc: 57.64 ng/ml



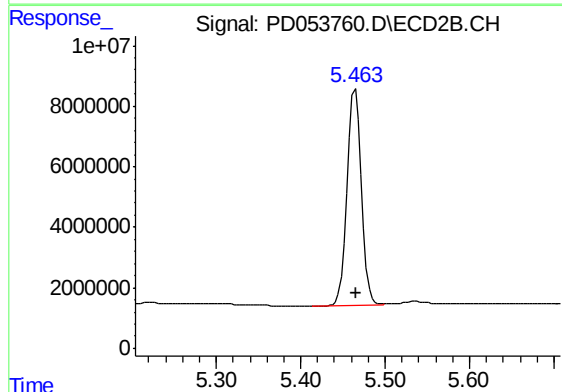
#5 Aldrin

R.T.: 4.550 min
Delta R.T.: -0.001 min
Response: 52861638
Conc: 57.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
SAMPLE-14MSD

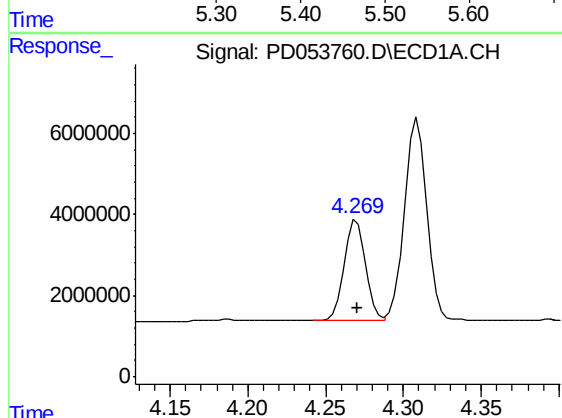
Manual Integrations
APPROVED

Ankita
7/1/2019 10:20:02 AM



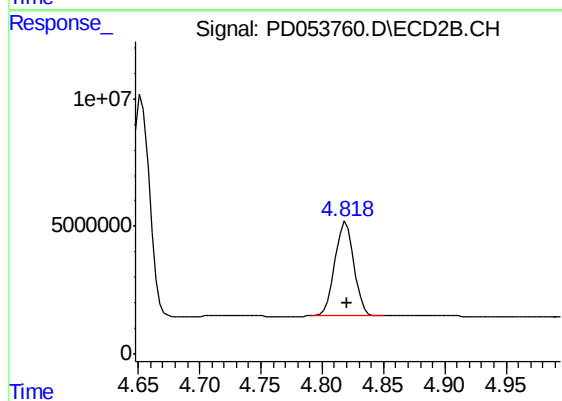
#5 Aldrin

R.T.: 5.465 min
Delta R.T.: -0.001 min
Response: 84406418
Conc: 56.19 ng/ml



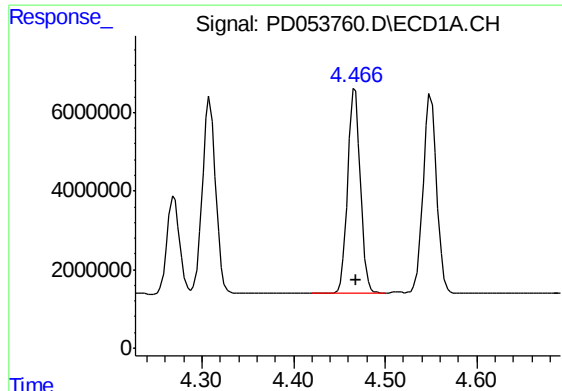
#6 beta-BHC

R.T.: 4.270 min
Delta R.T.: 0.000 min
Response: 23853157
Conc: 57.34 ng/ml



#6 beta-BHC

R.T.: 4.820 min
Delta R.T.: 0.000 min
Response: 39803967
Conc: 57.42 ng/ml



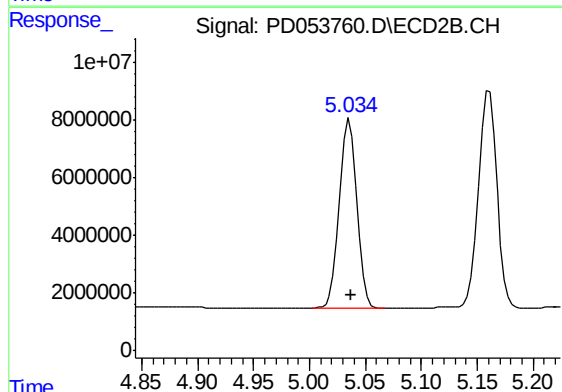
#7 delta-BHC

R.T.: 4.467 min
Delta R.T.: -0.001 min
Response: 50022631
Conc: 52.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
SAMPLE-14MSD

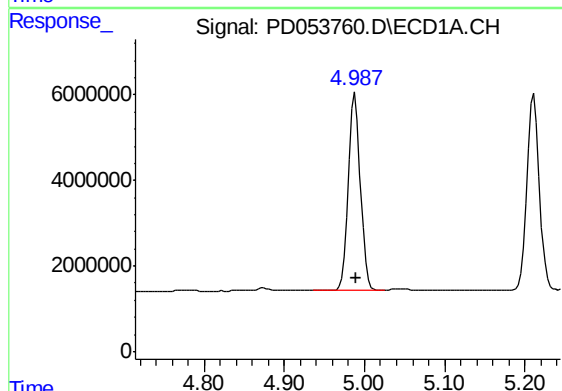
Manual Integrations
APPROVED

Ankita
7/1/2019 10:20:02 AM



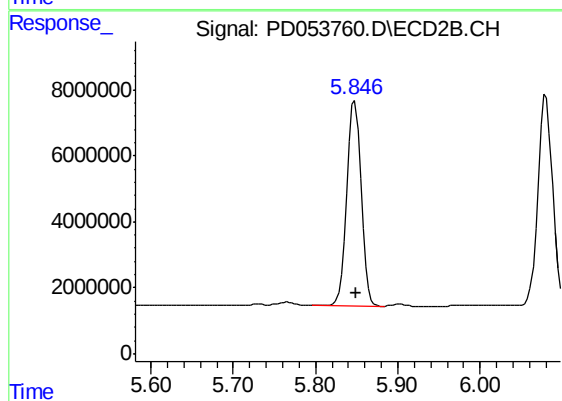
#7 delta-BHC

R.T.: 5.036 min
Delta R.T.: -0.001 min
Response: 69969597
Conc: 44.29 ng/ml



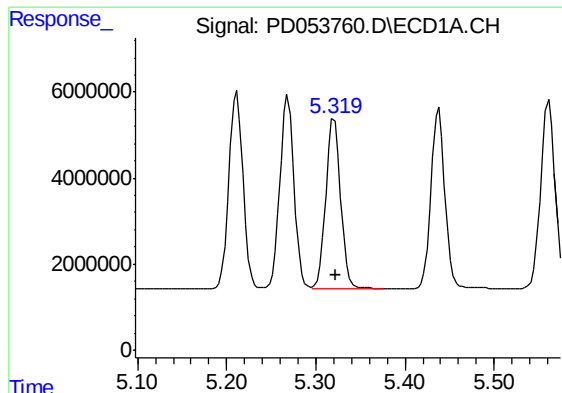
#8 Heptachlor epoxide

R.T.: 4.989 min
Delta R.T.: -0.001 min
Response: 47991491
Conc: 56.05 ng/ml



#8 Heptachlor epoxide

R.T.: 5.848 min
Delta R.T.: -0.002 min
Response: 75396903
Conc: 51.51 ng/ml



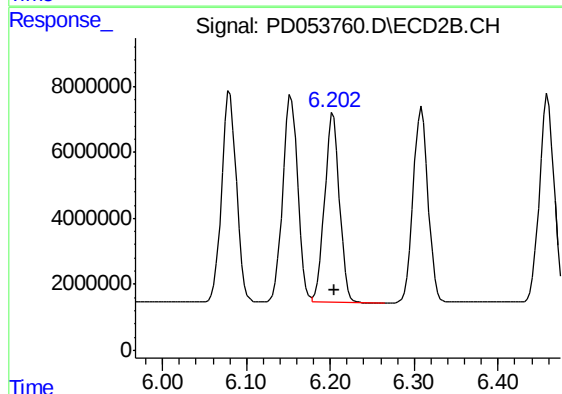
#9 Endosulfan I

R.T.: 5.321 min
Delta R.T.: -0.002 min
Response: 45449013
Conc: 55.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
SAMPLE-14MSD

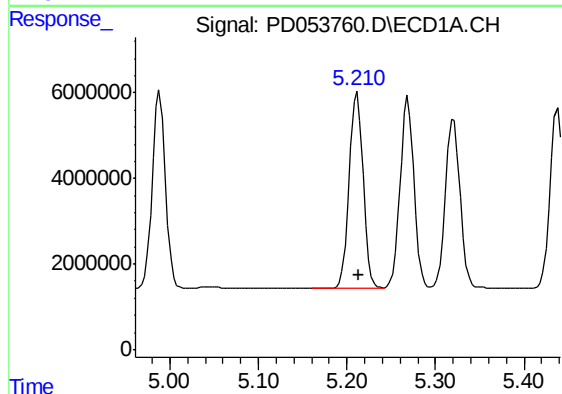
Manual Integrations
APPROVED

Ankita
7/1/2019 10:20:02 AM



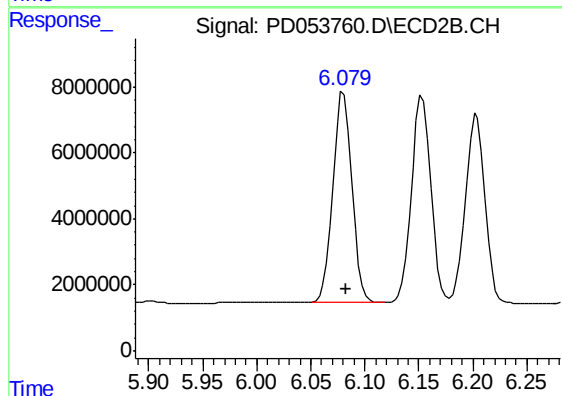
#9 Endosulfan I

R.T.: 6.204 min
Delta R.T.: -0.001 min
Response: 71197241
Conc: 51.79 ng/ml



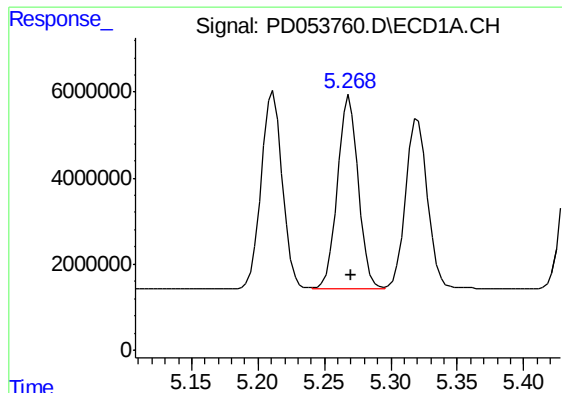
#10 gamma-Chlordane

R.T.: 5.212 min
Delta R.T.: -0.001 min
Response: 50036176
Conc: 55.86 ng/ml



#10 gamma-Chlordane

R.T.: 6.080 min
Delta R.T.: -0.002 min
Response: 78521006
Conc: 49.86 ng/ml



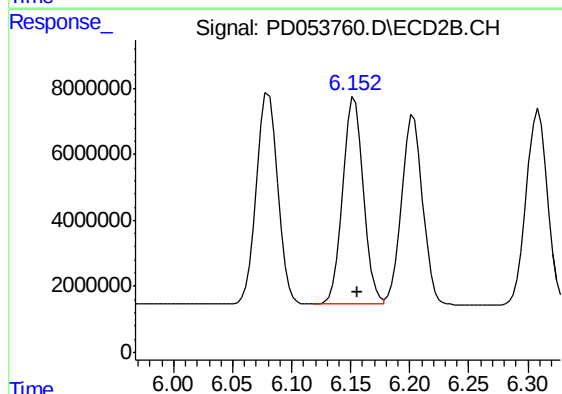
#11 alpha-Chlordane

R.T.: 5.269 min
Delta R.T.: -0.001 min
Response: 49204196
Conc: 55.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
SAMPLE-14MSD

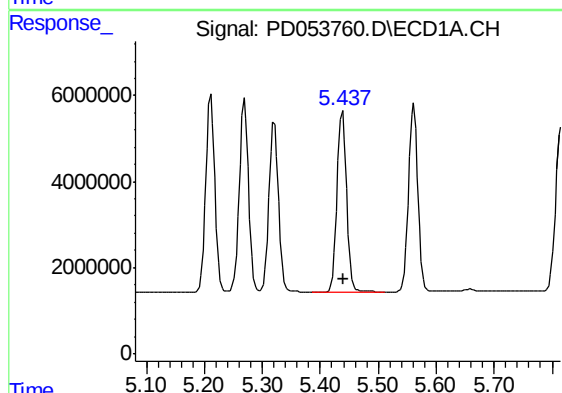
Manual Integrations
APPROVED

Ankita
7/1/2019 10:20:02 AM



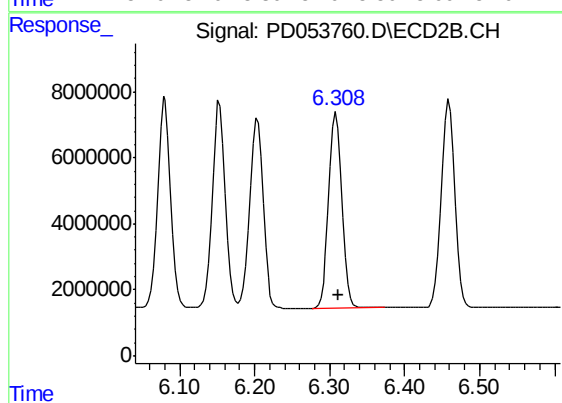
#11 alpha-Chlordane

R.T.: 6.153 min
Delta R.T.: -0.002 min
Response: 77927465
Conc: 50.58 ng/ml



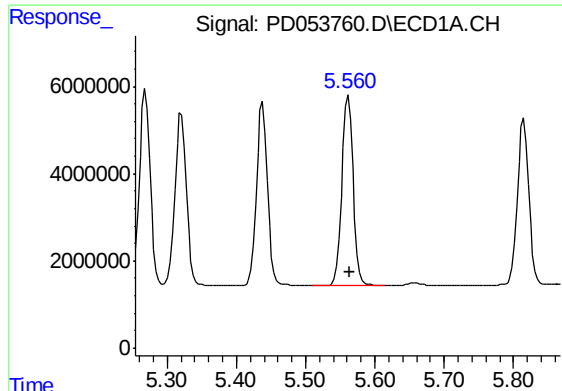
#12 4,4'-DDE

R.T.: 5.438 min
Delta R.T.: -0.001 min
Response: 46172099
Conc: 61.08 ng/ml



#12 4,4'-DDE

R.T.: 6.309 min
Delta R.T.: -0.002 min
Response: 73035286
Conc: 54.58 ng/ml



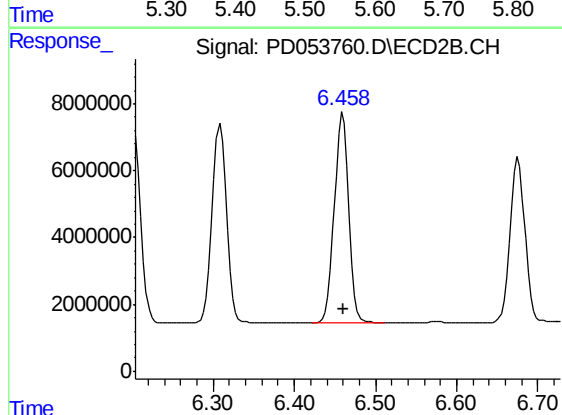
#13 Dieldrin

R.T.: 5.562 min
Delta R.T.: -0.001 min
Response: 48909174
Conc: 54.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
SAMPLE-14MSD

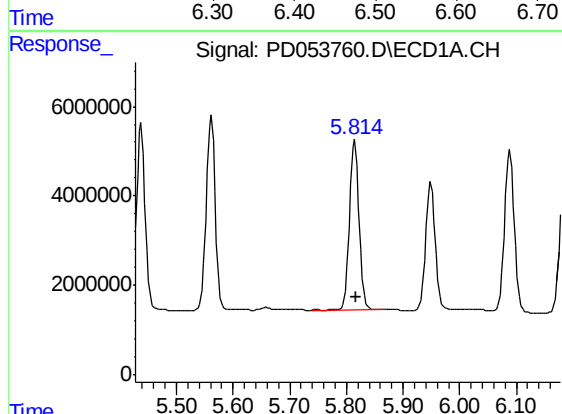
Manual Integrations
APPROVED

Ankita
7/1/2019 10:20:02 AM



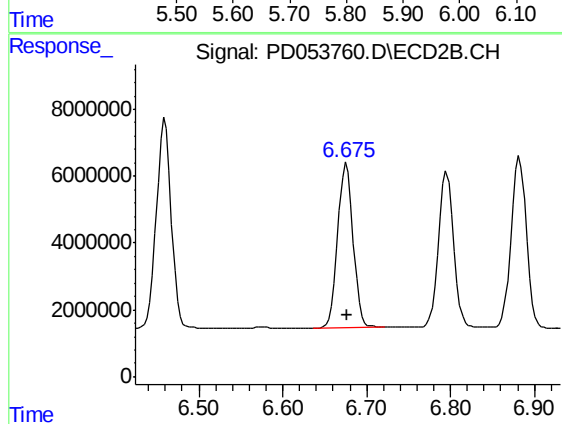
#13 Dieldrin

R.T.: 6.460 min
Delta R.T.: -0.001 min
Response: 77502770
Conc: 51.48 ng/ml



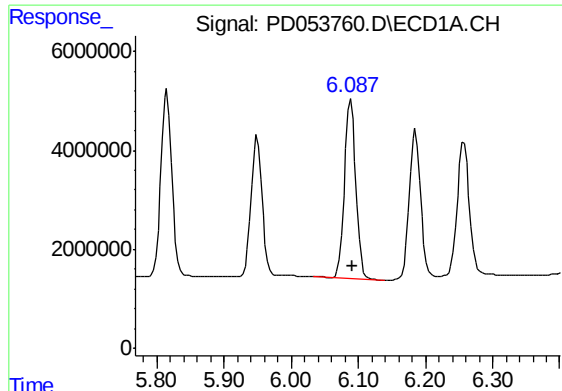
#14 Endrin

R.T.: 5.815 min
Delta R.T.: -0.002 min
Response: 43610278
Conc: 52.79 ng/ml



#14 Endrin

R.T.: 6.676 min
Delta R.T.: -0.002 min
Response: 62828027
Conc: 49.65 ng/ml



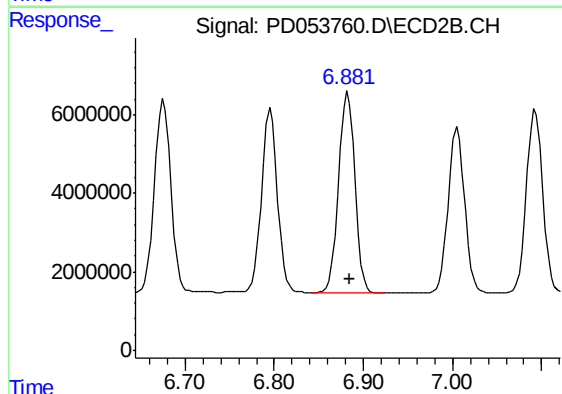
#15 Endosulfan II

R.T.: 6.089 min
Delta R.T.: -0.002 min
Response: 42149153
Conc: 53.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
SAMPLE-14MSD

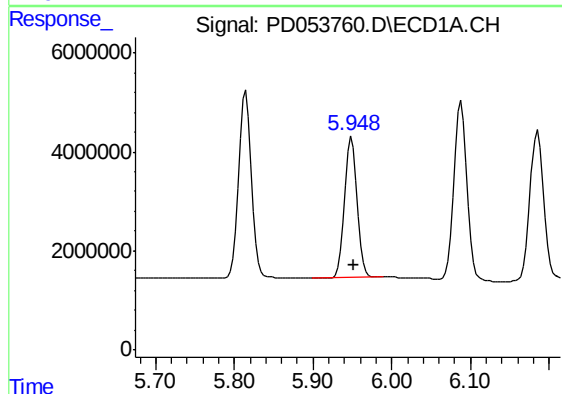
Manual Integrations
APPROVED

Ankita
7/1/2019 10:20:02 AM



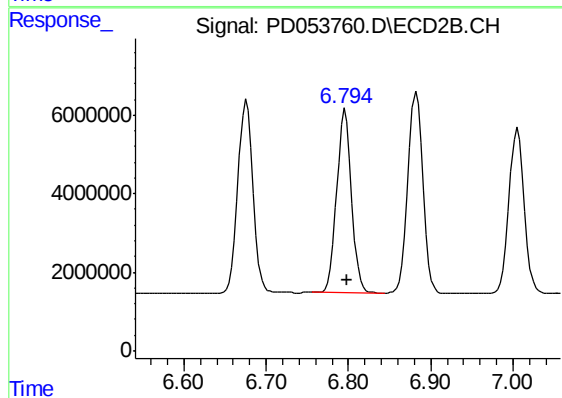
#15 Endosulfan II

R.T.: 6.883 min
Delta R.T.: -0.002 min
Response: 65147761
Conc: 48.40 ng/ml



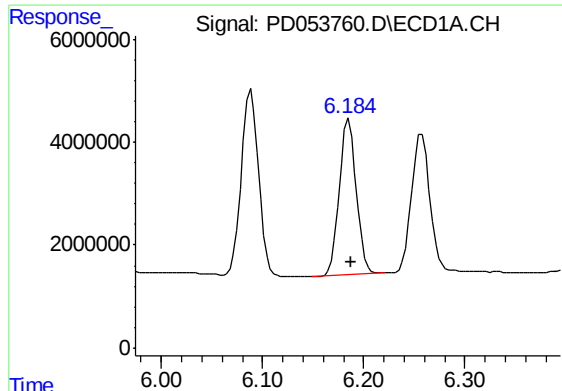
#16 4,4'-DDD

R.T.: 5.949 min
Delta R.T.: -0.002 min
Response: 32406852
Conc: 61.78 ng/ml



#16 4,4'-DDD

R.T.: 6.796 min
Delta R.T.: -0.002 min
Response: 58467308
Conc: 57.33 ng/ml



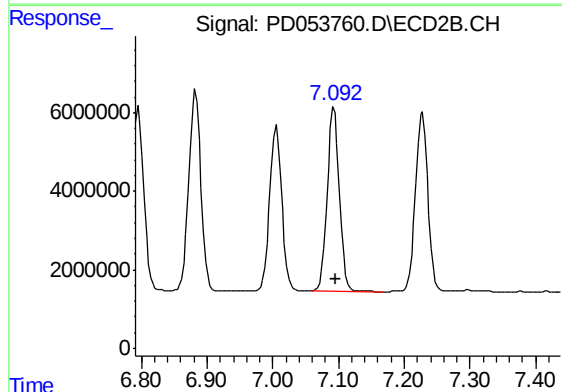
#17 4,4'-DDT

R.T.: 6.185 min
Delta R.T.: -0.003 min
Response: 35110058
Conc: 57.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
SAMPLE-14MSD

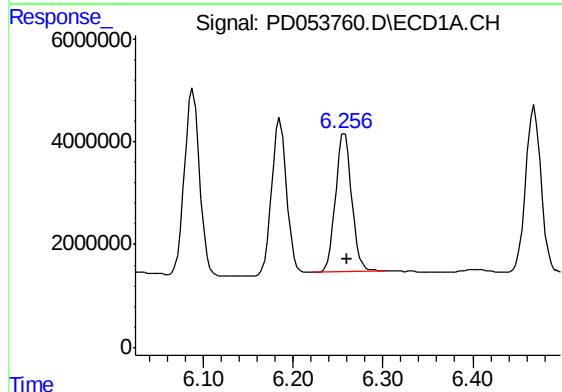
Manual Integrations
APPROVED

Ankita
7/1/2019 10:20:02 AM



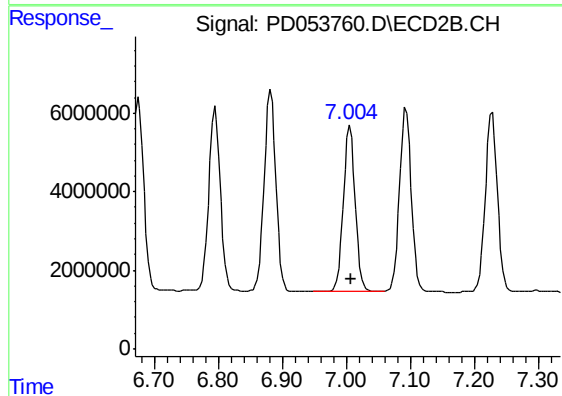
#17 4,4'-DDT

R.T.: 7.093 min
Delta R.T.: -0.003 min
Response: 60926535
Conc: 56.82 ng/ml



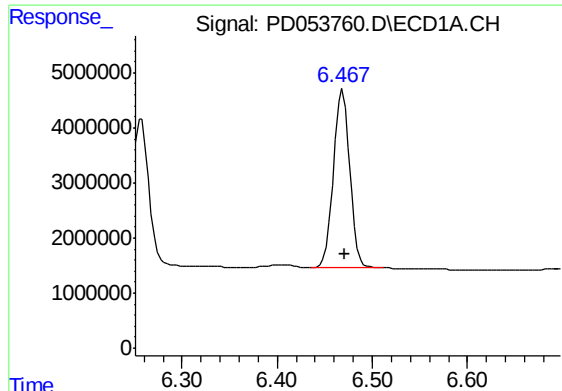
#18 Endrin aldehyde

R.T.: 6.257 min
Delta R.T.: -0.002 min
Response: 33804412
Conc: 49.77 ng/ml



#18 Endrin aldehyde

R.T.: 7.006 min
Delta R.T.: -0.002 min
Response: 54276334
Conc: 47.68 ng/ml



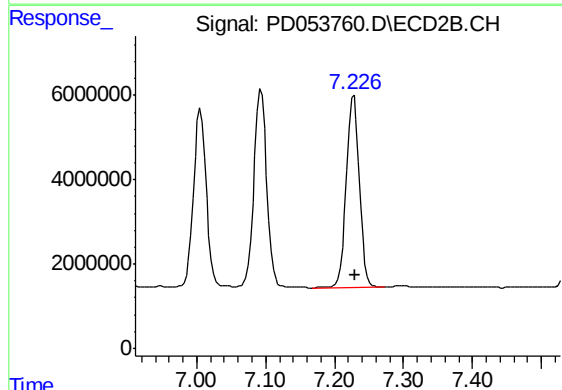
#19 Endosulfan Sulfate

R.T.: 6.469 min
Delta R.T.: -0.003 min
Response: 38552566
Conc: 51.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
SAMPLE-14MSD

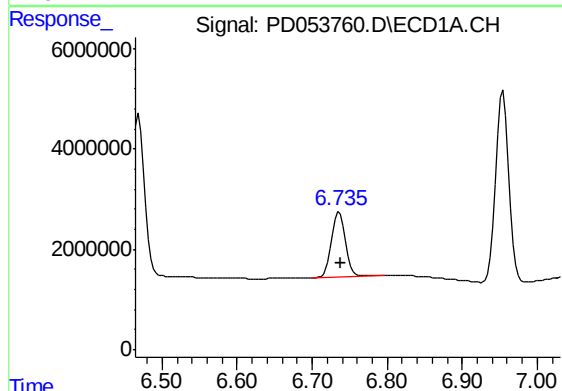
Manual Integrations
APPROVED

Ankita
7/1/2019 10:20:02 AM



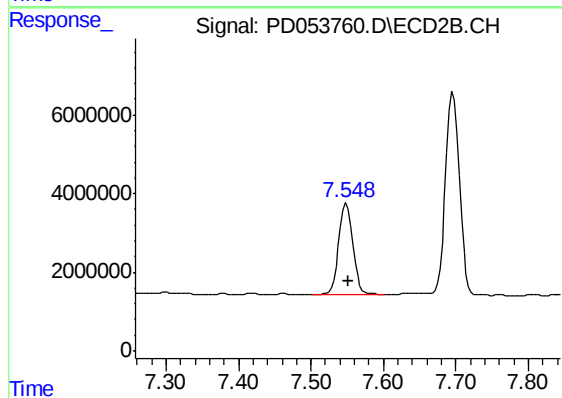
#19 Endosulfan Sulfate

R.T.: 7.228 min
Delta R.T.: -0.003 min
Response: 60266311
Conc: 49.28 ng/ml



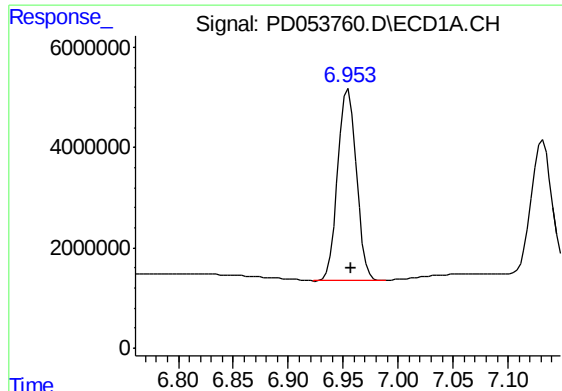
#20 Methoxychlor

R.T.: 6.737 min
Delta R.T.: -0.002 min
Response: 16680158
Conc: 61.41 ng/ml



#20 Methoxychlor

R.T.: 7.549 min
Delta R.T.: -0.003 min
Response: 30836193
Conc: 60.06 ng/ml



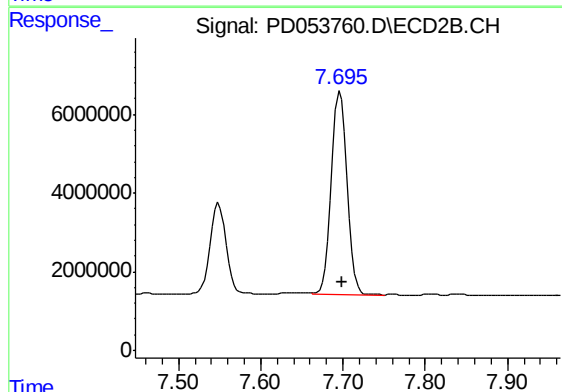
#21 Endrin ketone

R.T.: 6.955 min
Delta R.T.: -0.003 min
Response: 45204240
Conc: 54.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
SAMPLE-14MSD

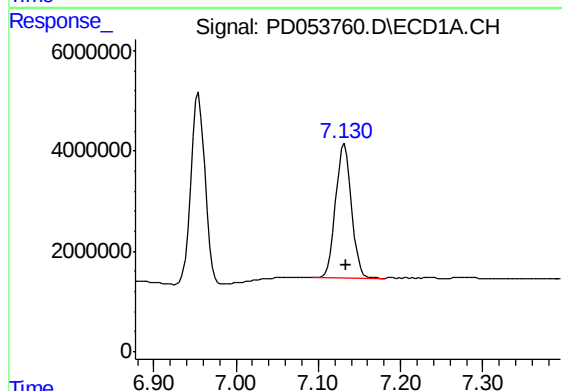
Manual Integrations
APPROVED

Ankita
7/1/2019 10:20:02 AM



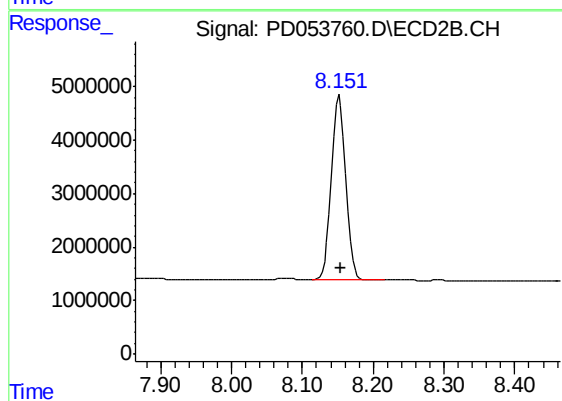
#21 Endrin ketone

R.T.: 7.696 min
Delta R.T.: -0.003 min
Response: 68736121
Conc: 50.19 ng/ml



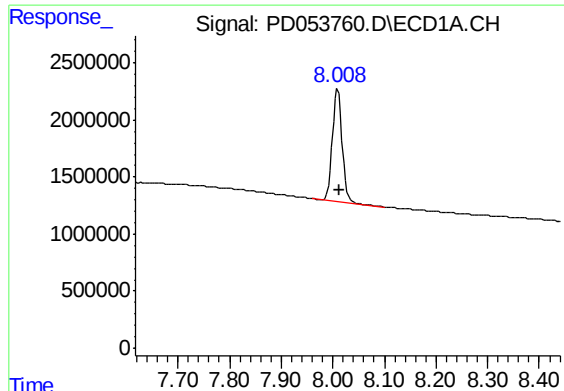
#22 Mirex

R.T.: 7.132 min
Delta R.T.: -0.003 min
Response: 35490033
Conc: 53.31 ng/ml



#22 Mirex

R.T.: 8.152 min
Delta R.T.: -0.002 min
Response: 49110482
Conc: 48.21 ng/ml



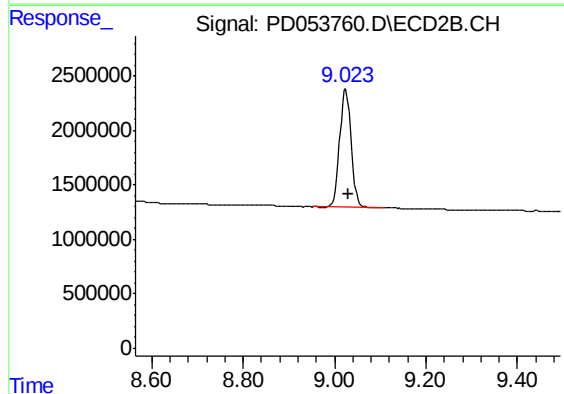
#28 Decachlorobiphenyl

R.T.: 8.010 min
Delta R.T.: -0.003 min
Response: 13032674
Conc: 20.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
SAMPLE-14MSD

Manual Integrations
APPROVED

Ankita
7/1/2019 10:20:02 AM



#28 Decachlorobiphenyl

R.T.: 9.025 min
Delta R.T.: -0.005 min
Response: 18945373
Conc: 18.73 ng/ml