

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062119\
 Data File : PL049744.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jun 2019 11:46
 Operator : SM\AJ
 Sample : K3446-10MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PST-008-SW122-061819MSD

Manual Integrations
 APPROVED

Ankita
 6/24/2019 9:21:09 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 23:08:38 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062019.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 21 02:23:20 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...	3.323	3.935	237.2E6	60932509	21.034	19.901
28)	SA Decachlor...	7.990	8.972	203.4E6	53653179	16.010	15.982
Target Compounds							
2)	A alpha-BHC	3.751	4.322	917.4E6	223.7E6	48.831	49.968m
3)	MA gamma-BHC...	4.027	4.607	861.7E6	210.6E6	48.597	50.780
4)	MA Heptachlor	4.311	5.110	898.7E6	210.3E6	49.440	48.588
5)	MB Aldrin	4.550	5.412	826.3E6	192.2E6	47.850	49.055
6)	B beta-BHC	4.281	4.782	364.5E6	93315727	49.833	48.174
7)	B delta-BHC	4.474	4.996	782.0E6	163.2E6	43.727	41.436
8)	B Heptachlor...	4.986	5.799	771.2E6	167.1E6	47.911	45.961
9)	A Endosulfan I	5.317	6.154	712.0E6	163.7E6	46.019	48.194
10)	B gamma-Chl...	5.208	6.033	917.2E6	203.5E6	53.670m	54.604
11)	B alpha-Chl...	5.265	6.105	882.4E6	213.6E6	53.160	57.743
12)	B 4,4'-DDE	5.432	6.264	793.8E6	165.3E6	47.653	47.632
13)	MA Dieldrin	5.556	6.411	818.6E6	171.7E6	49.144	48.412
14)	MA Endrin	5.809	6.628	740.2E6	147.8E6	46.218	46.807
15)	B Endosulfa...	6.084	6.840	709.2E6	154.2E6	48.670	47.874
16)	A 4,4'-DDD	5.942	6.753	547.7E6	129.4E6	43.383m	49.515m
17)	MA 4,4'-DDT	6.177	7.051	654.7E6	151.2E6	49.319	51.638m
18)	B Endrin al...	6.251	6.963	515.7E6	117.4E6	43.663	42.762m
19)	B Endosulfa...	6.462	7.186	581.1E6	137.5E6	44.820	45.687m
20)	A Methoxychlor	6.723	7.514	276.2E6	76501701	42.377	45.898
21)	B Endrin ke...	6.944	7.655	621.4E6	161.8E6	44.209	51.907
22)	Mirex	7.118	8.105	445.2E6	118.2E6	43.069	46.732

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062119\
Data File : PL049744.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jun 2019 11:46
Operator : SM\AJ
Sample : K3446-10MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

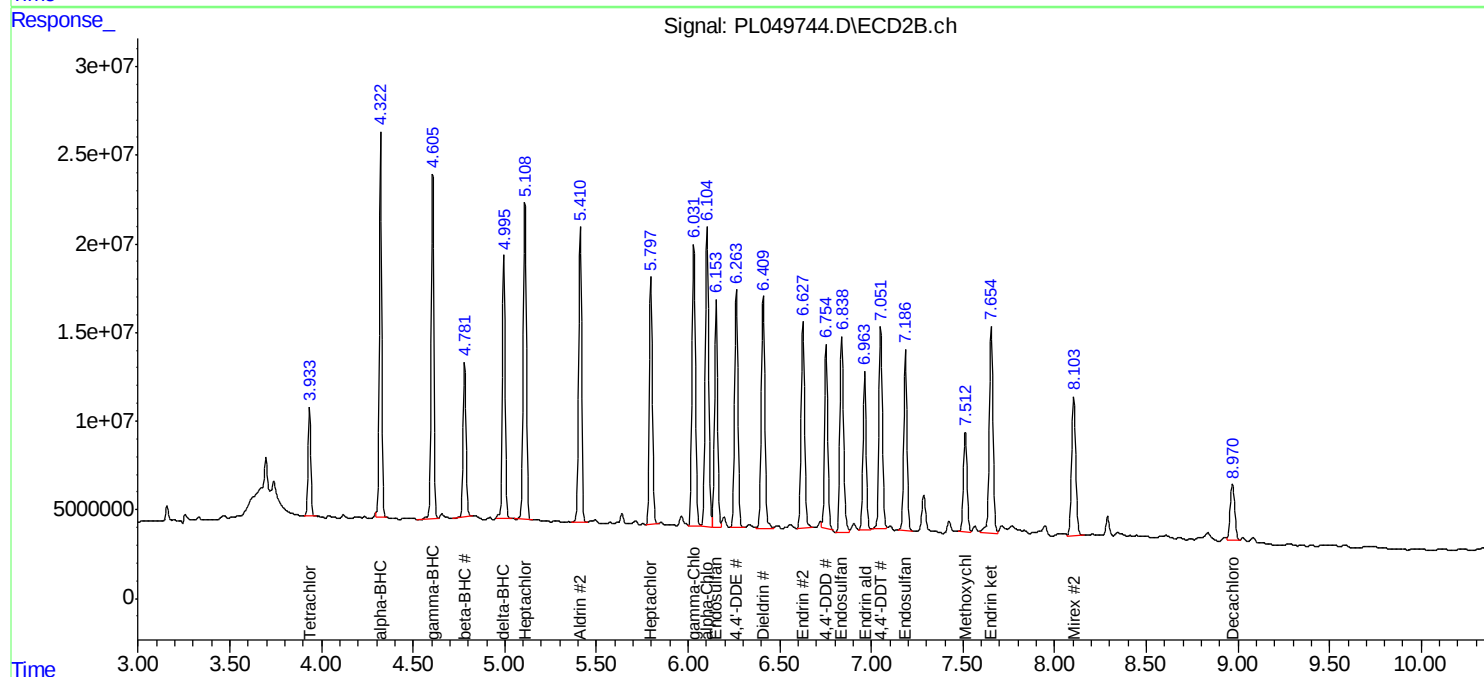
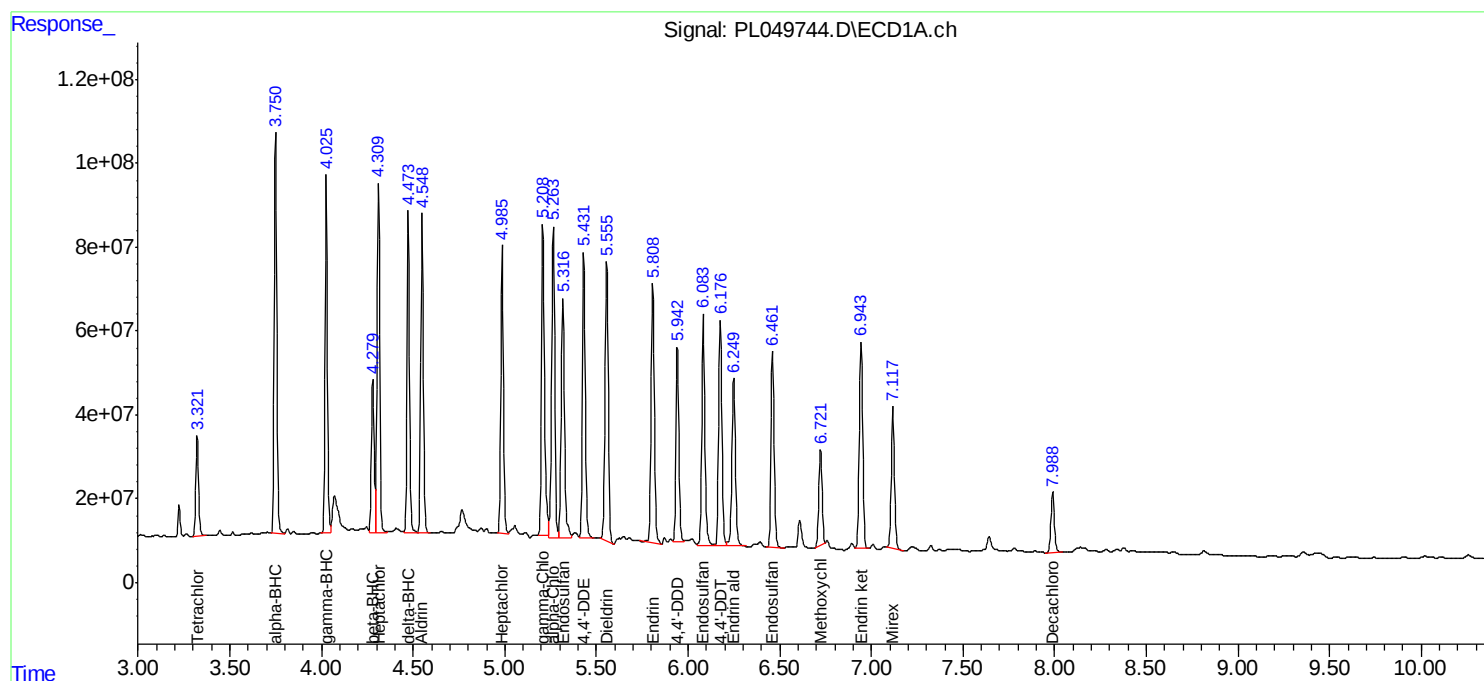
Instrument :
ECD_L
ClientSampleId :
PST-008-SW122-061819MSD

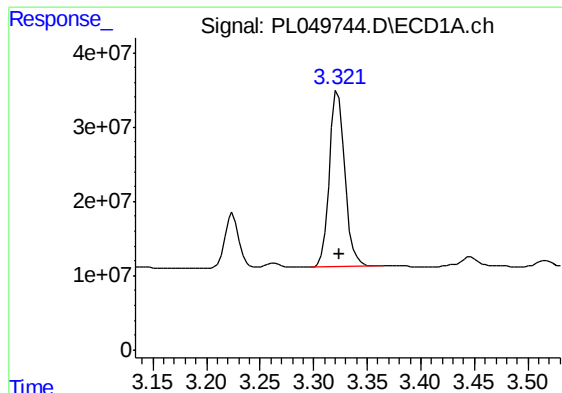
Manual Integrations
APPROVED

Ankita
6/24/2019 9:21:09 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 21 23:08:38 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062019.M
Quant Title : GC Extractables
QLast Update : Fri Jun 21 02:23:20 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





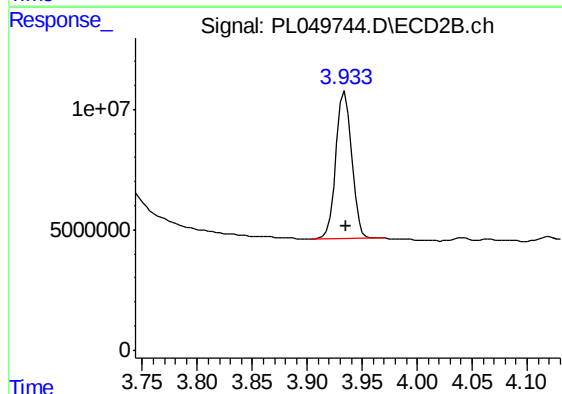
#1 Tetrachloro-m-xylene

R.T.: 3.323 min
Delta R.T.: -0.001 min
Response: 237220521
Conc: 21.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-008-SW122-061819MSD

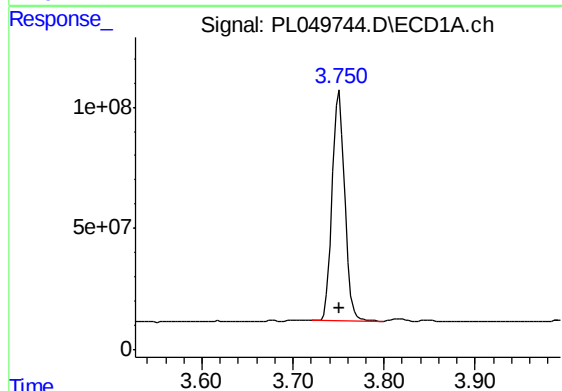
Manual Integrations
APPROVED

Ankita
6/24/2019 9:21:09 AM



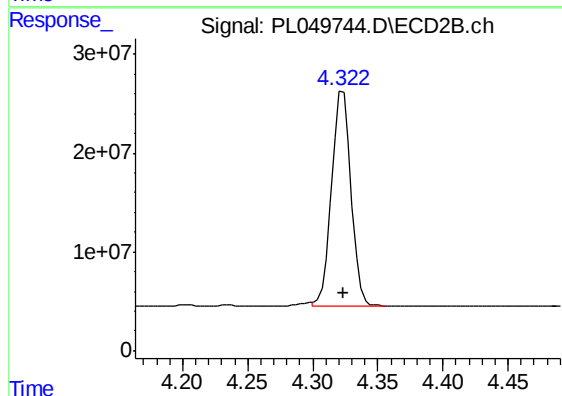
#1 Tetrachloro-m-xylene

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 60932509
Conc: 19.90 ng/ml



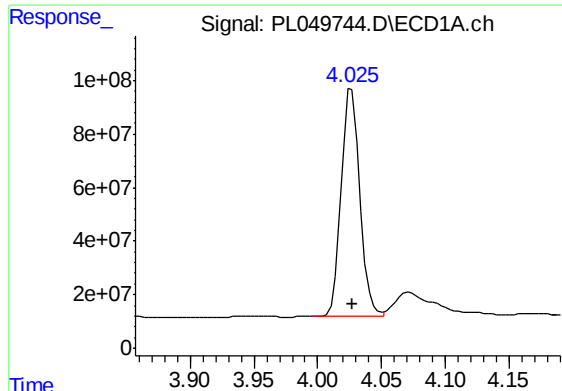
#2 alpha-BHC

R.T.: 3.751 min
Delta R.T.: 0.000 min
Response: 917400794
Conc: 48.83 ng/ml



#2 alpha-BHC

R.T.: 4.322 min
Delta R.T.: -0.002 min
Response: 223683971
Conc: 49.97 ng/ml m



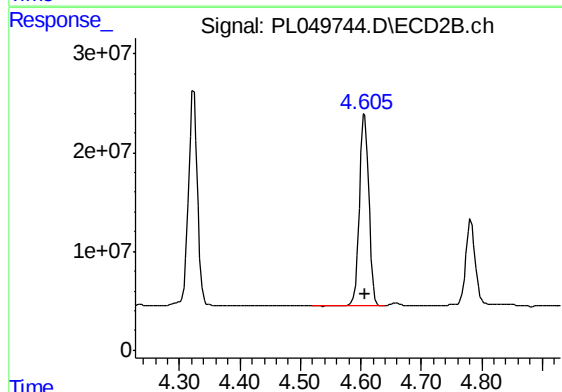
#3 gamma-BHC (Lindane)

R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 861655488
Conc: 48.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-008-SW122-061819MSD

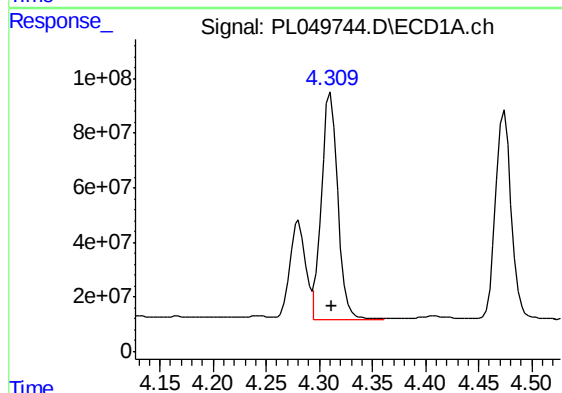
Manual Integrations
APPROVED

Ankita
6/24/2019 9:21:09 AM



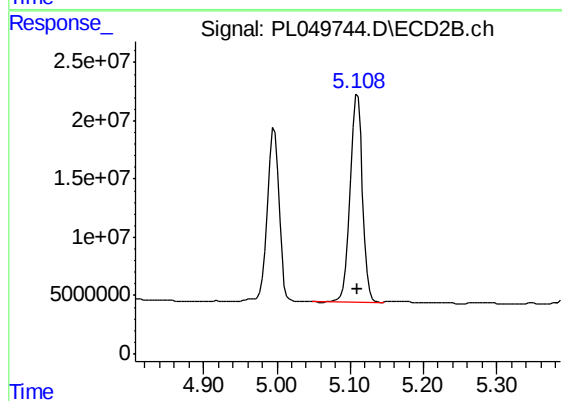
#3 gamma-BHC (Lindane)

R.T.: 4.607 min
Delta R.T.: 0.000 min
Response: 210624857
Conc: 50.78 ng/ml



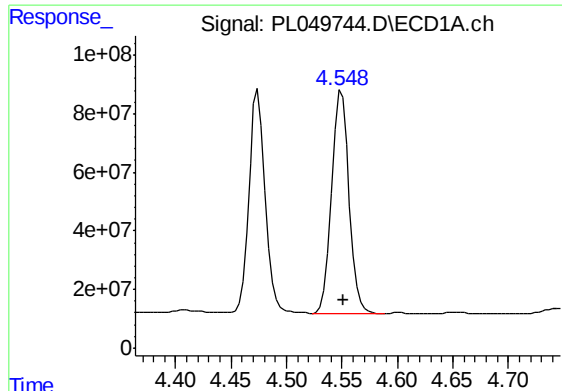
#4 Heptachlor

R.T.: 4.311 min
Delta R.T.: -0.001 min
Response: 898672912
Conc: 49.44 ng/ml



#4 Heptachlor

R.T.: 5.110 min
Delta R.T.: 0.000 min
Response: 210309812
Conc: 48.59 ng/ml



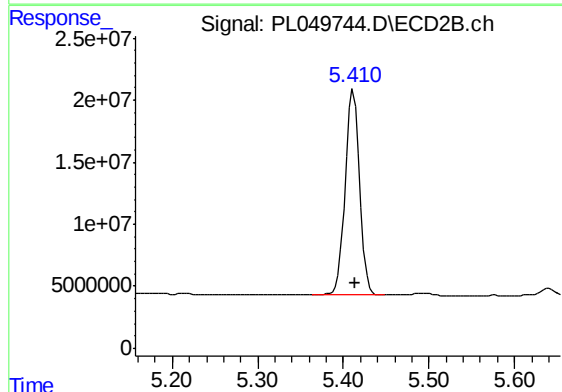
#5 Aldrin

R.T.: 4.550 min
Delta R.T.: -0.001 min
Response: 826271815
Conc: 47.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-008-SW122-061819MSD

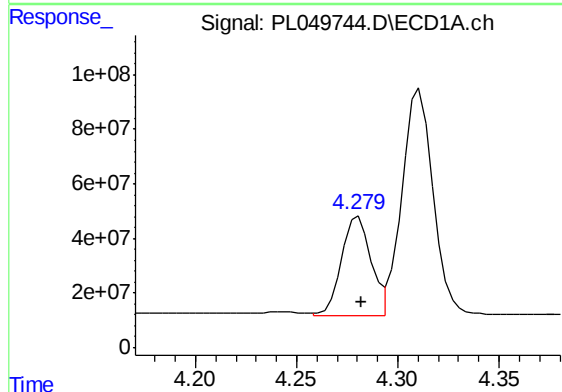
Manual Integrations
APPROVED

Ankita
6/24/2019 9:21:09 AM



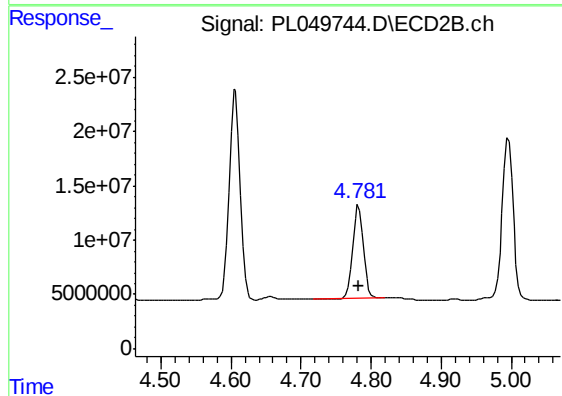
#5 Aldrin

R.T.: 5.412 min
Delta R.T.: -0.001 min
Response: 192150194
Conc: 49.05 ng/ml



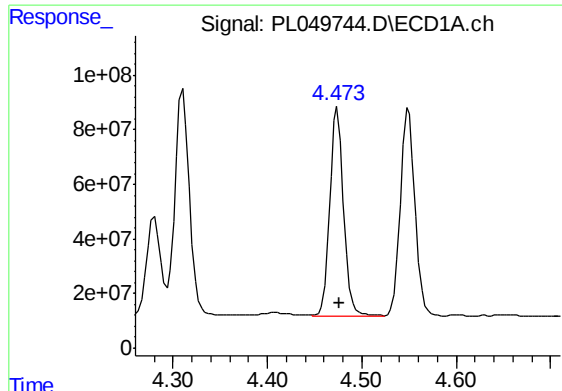
#6 beta-BHC

R.T.: 4.281 min
Delta R.T.: -0.002 min
Response: 364519579
Conc: 49.83 ng/ml



#6 beta-BHC

R.T.: 4.782 min
Delta R.T.: 0.000 min
Response: 93315727
Conc: 48.17 ng/ml



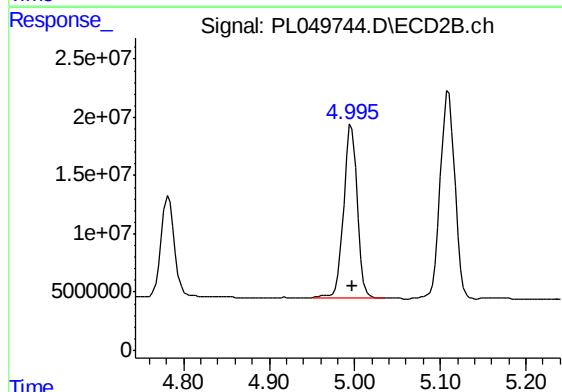
#7 delta-BHC

R.T.: 4.474 min
Delta R.T.: -0.002 min
Response: 782007055
Conc: 43.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-008-SW122-061819MSD

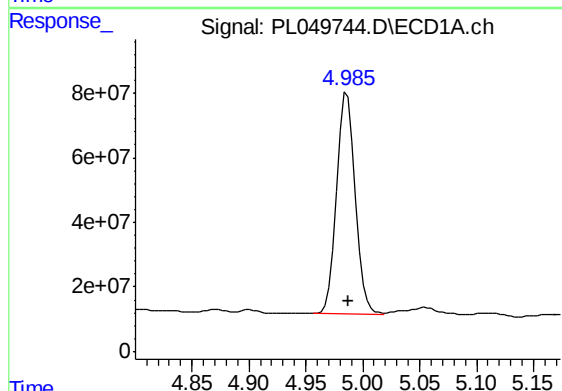
Manual Integrations
APPROVED

Ankita
6/24/2019 9:21:09 AM



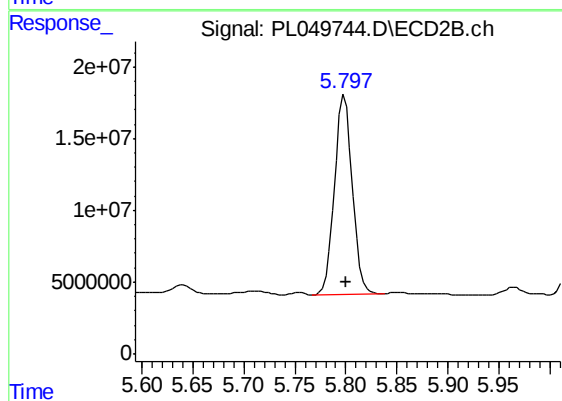
#7 delta-BHC

R.T.: 4.996 min
Delta R.T.: 0.000 min
Response: 163211437
Conc: 41.44 ng/ml



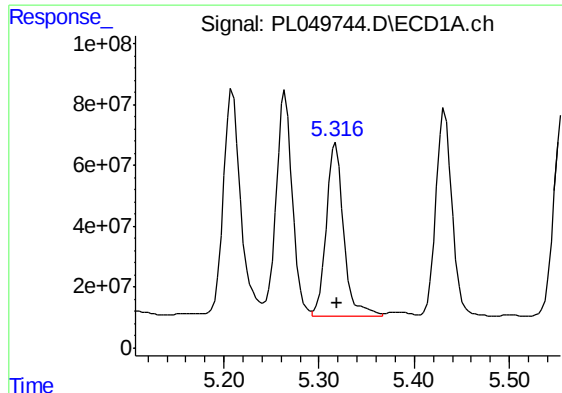
#8 Heptachlor epoxide

R.T.: 4.986 min
Delta R.T.: -0.002 min
Response: 771237949
Conc: 47.91 ng/ml



#8 Heptachlor epoxide

R.T.: 5.799 min
Delta R.T.: -0.001 min
Response: 167102690
Conc: 45.96 ng/ml



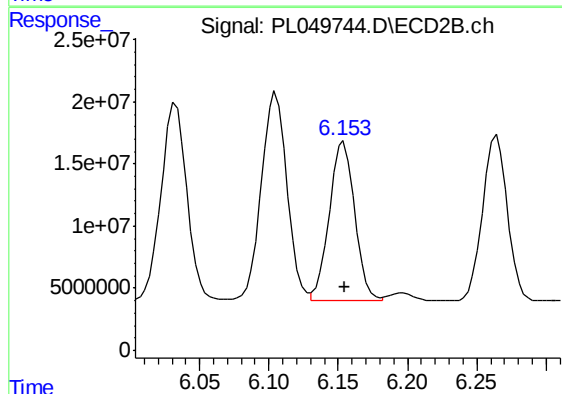
#9 Endosulfan I

R.T.: 5.317 min
Delta R.T.: -0.001 min
Response: 712035275
Conc: 46.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-008-SW122-061819MSD

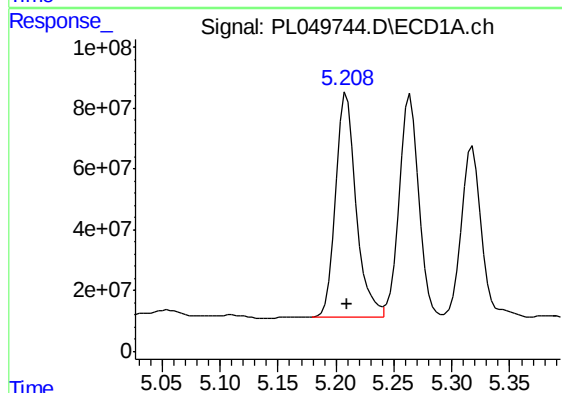
Manual Integrations
APPROVED

Ankita
6/24/2019 9:21:09 AM



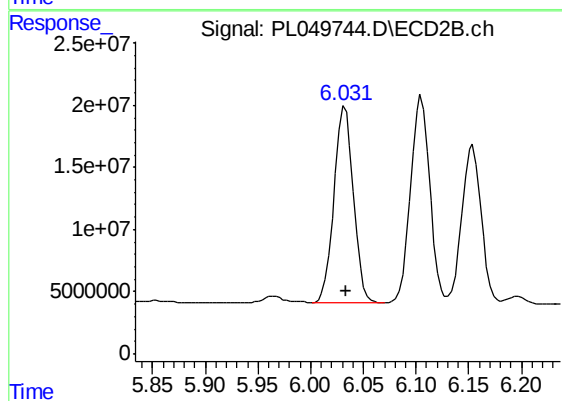
#9 Endosulfan I

R.T.: 6.154 min
Delta R.T.: -0.001 min
Response: 163733547
Conc: 48.19 ng/ml



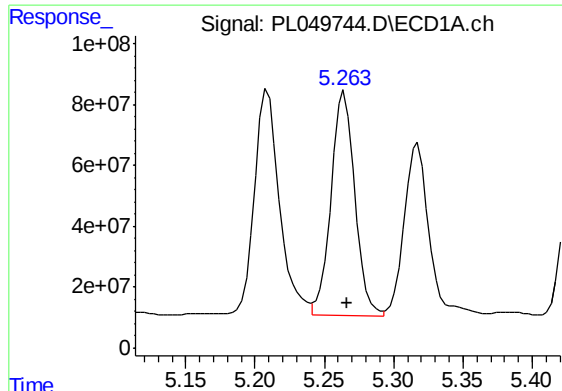
#10 gamma-Chlordane

R.T.: 5.208 min
Delta R.T.: -0.003 min
Response: 917161274
Conc: 53.67 ng/ml m



#10 gamma-Chlordane

R.T.: 6.033 min
Delta R.T.: -0.001 min
Response: 203477813
Conc: 54.60 ng/ml



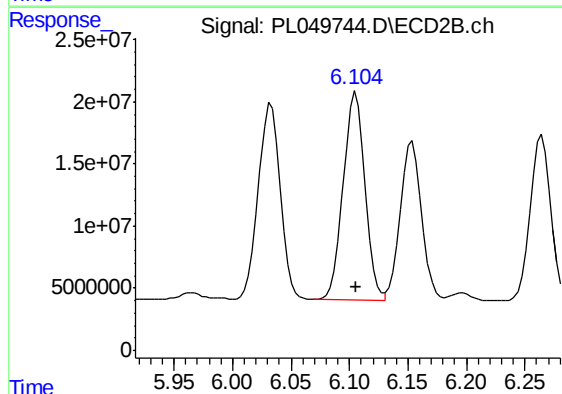
#11 alpha-Chlordane

R.T.: 5.265 min
Delta R.T.: -0.002 min
Response: 882394454
Conc: 53.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-008-SW122-061819MSD

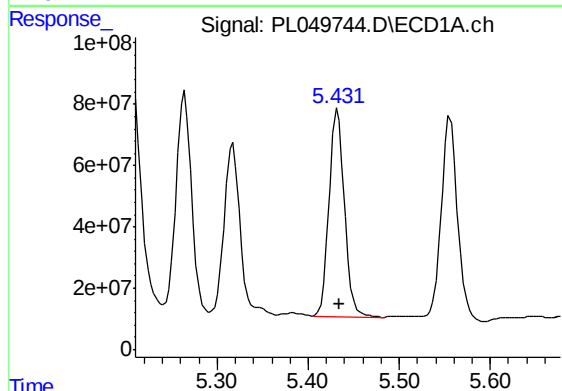
Manual Integrations
APPROVED

Ankita
6/24/2019 9:21:09 AM



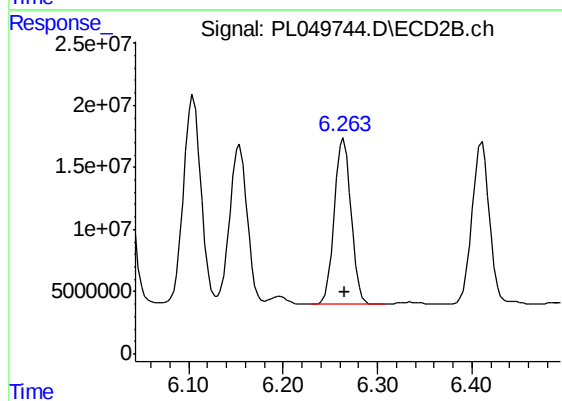
#11 alpha-Chlordane

R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 213560249
Conc: 57.74 ng/ml



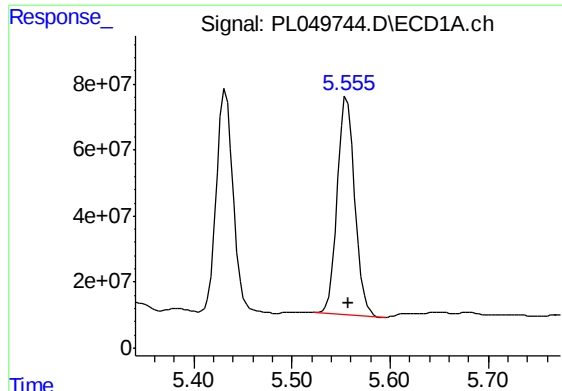
#12 4,4'-DDE

R.T.: 5.432 min
Delta R.T.: -0.002 min
Response: 793845486
Conc: 47.65 ng/ml



#12 4,4'-DDE

R.T.: 6.264 min
Delta R.T.: -0.001 min
Response: 165289705
Conc: 47.63 ng/ml



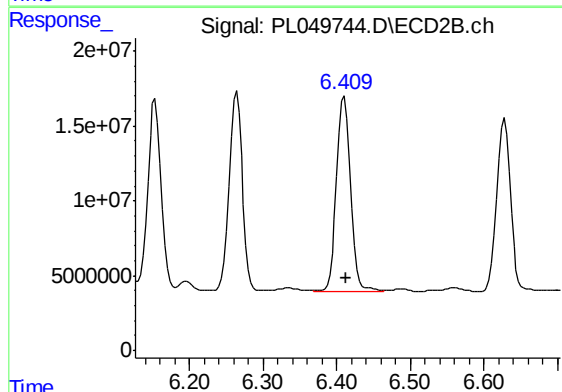
#13 Dieldrin

R.T.: 5.556 min
Delta R.T.: -0.002 min
Response: 818638121
Conc: 49.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-008-SW122-061819MSD

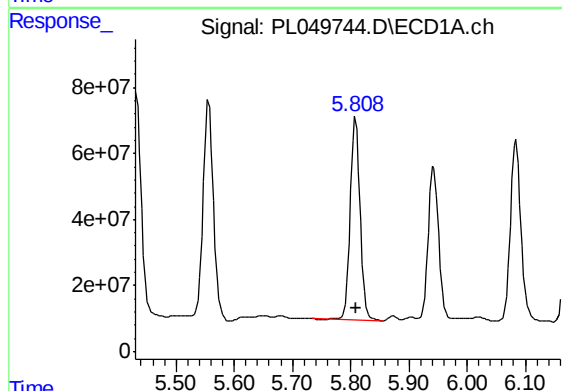
Manual Integrations
APPROVED

Ankita
6/24/2019 9:21:09 AM



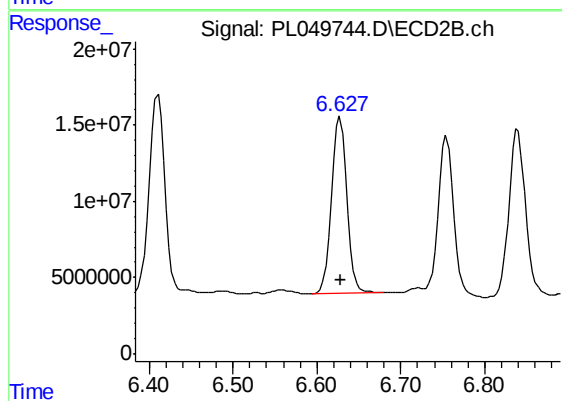
#13 Dieldrin

R.T.: 6.411 min
Delta R.T.: -0.001 min
Response: 171743760
Conc: 48.41 ng/ml



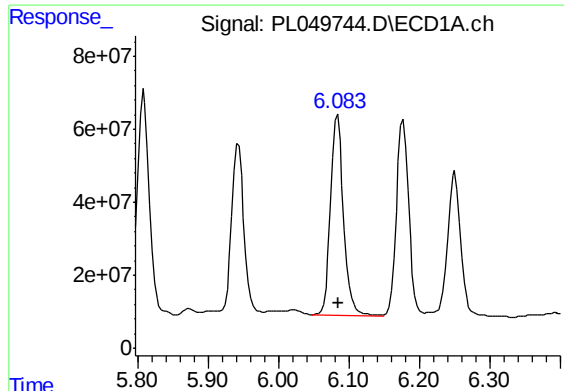
#14 Endrin

R.T.: 5.809 min
Delta R.T.: -0.002 min
Response: 740171391
Conc: 46.22 ng/ml



#14 Endrin

R.T.: 6.628 min
Delta R.T.: -0.001 min
Response: 147779522
Conc: 46.81 ng/ml



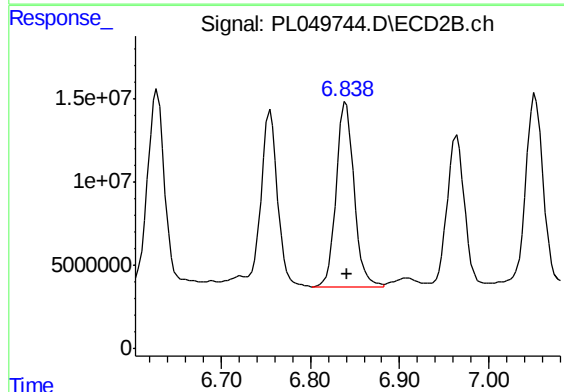
#15 Endosulfan II

R.T.: 6.084 min
Delta R.T.: -0.001 min
Response: 709186245
Conc: 48.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-008-SW122-061819MSD

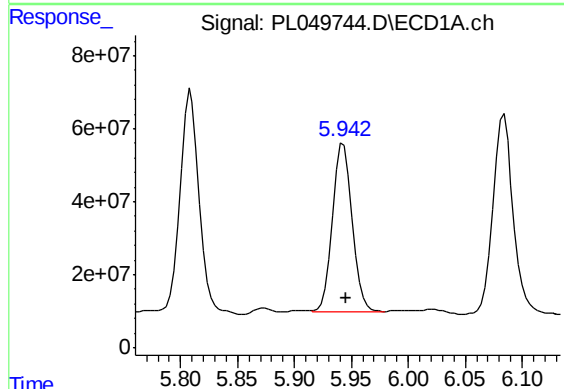
Manual Integrations
APPROVED

Ankita
6/24/2019 9:21:09 AM



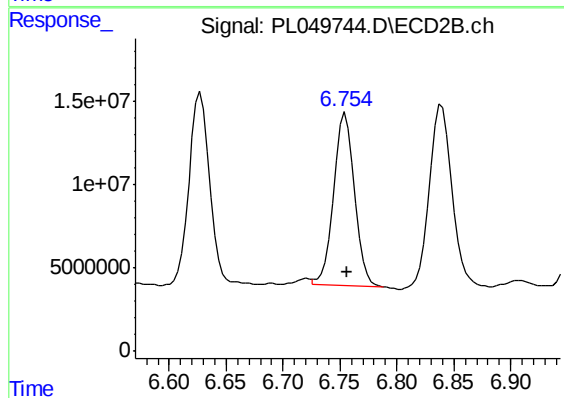
#15 Endosulfan II

R.T.: 6.840 min
Delta R.T.: -0.001 min
Response: 154196272
Conc: 47.87 ng/ml



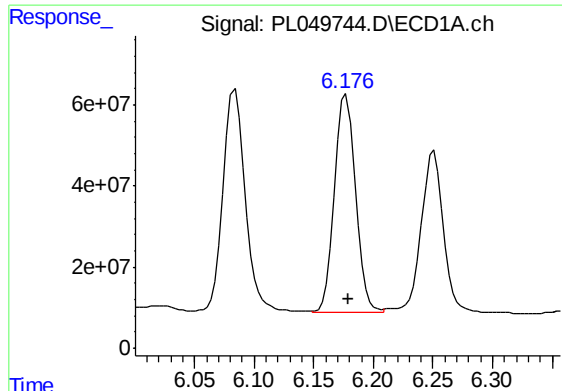
#16 4,4'-DDD

R.T.: 5.942 min
Delta R.T.: -0.003 min
Response: 547665588
Conc: 43.38 ng/ml m



#16 4,4'-DDD

R.T.: 6.753 min
Delta R.T.: -0.003 min
Response: 129444487
Conc: 49.52 ng/ml m



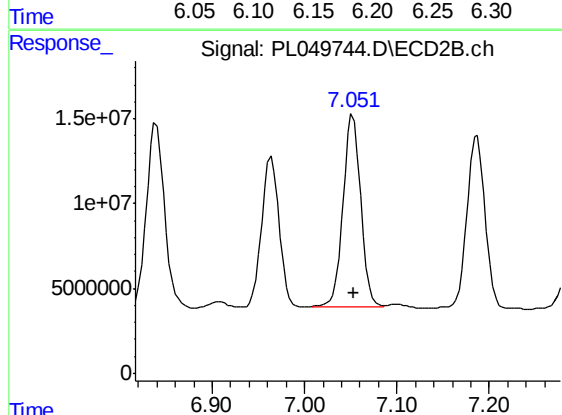
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: -0.002 min
Response: 654749014
Conc: 49.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-008-SW122-061819MSD

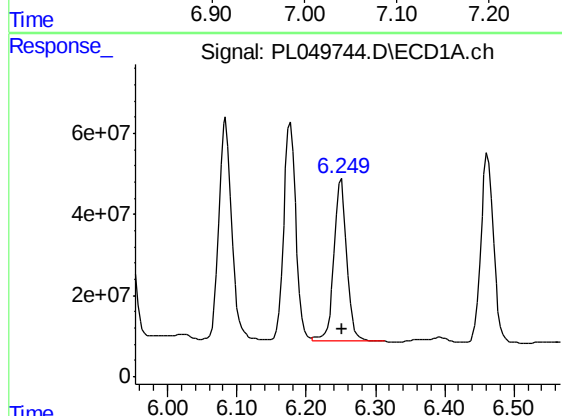
Manual Integrations
APPROVED

Ankita
6/24/2019 9:21:09 AM



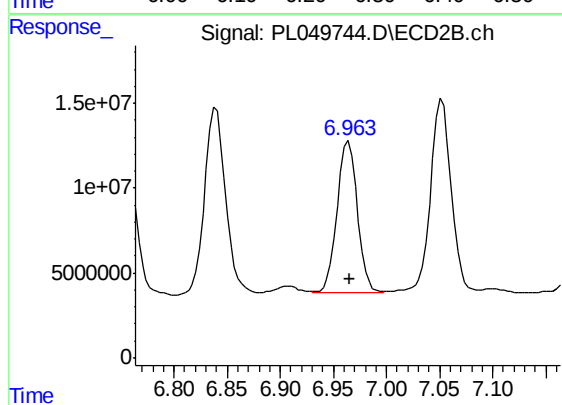
#17 4,4'-DDT

R.T.: 7.051 min
Delta R.T.: -0.003 min
Response: 151234896
Conc: 51.64 ng/ml m



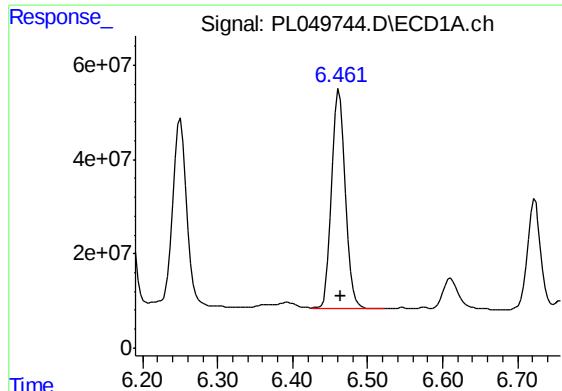
#18 Endrin aldehyde

R.T.: 6.251 min
Delta R.T.: -0.002 min
Response: 515730133
Conc: 43.66 ng/ml



#18 Endrin aldehyde

R.T.: 6.963 min
Delta R.T.: -0.002 min
Response: 117440449
Conc: 42.76 ng/ml m



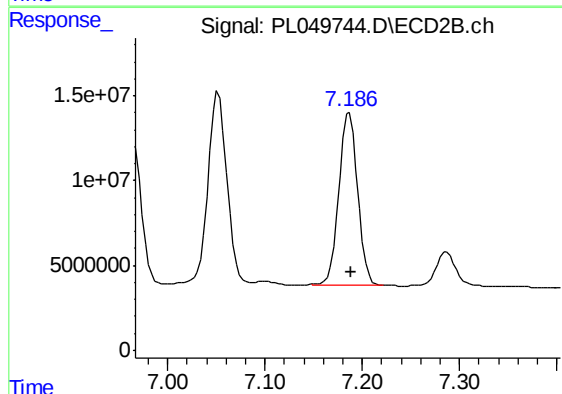
#19 Endosulfan Sulfate

R.T.: 6.462 min
Delta R.T.: -0.002 min
Response: 581109452
Conc: 44.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-008-SW122-061819MSD

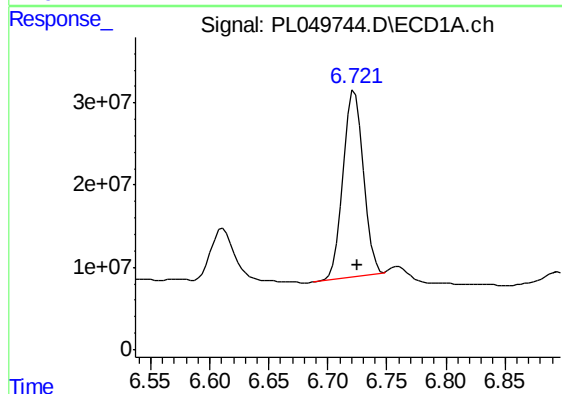
Manual Integrations
APPROVED

Ankita
6/24/2019 9:21:09 AM



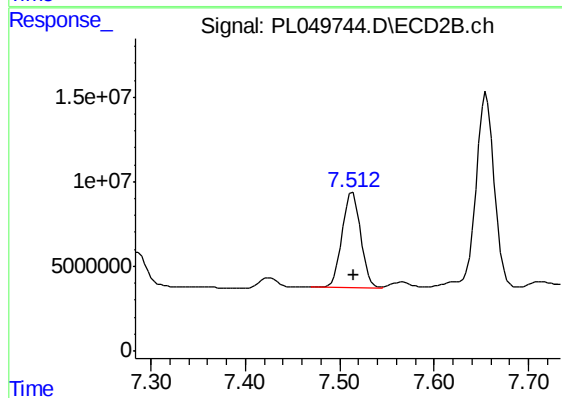
#19 Endosulfan Sulfate

R.T.: 7.186 min
Delta R.T.: -0.003 min
Response: 137497994
Conc: 45.69 ng/ml m



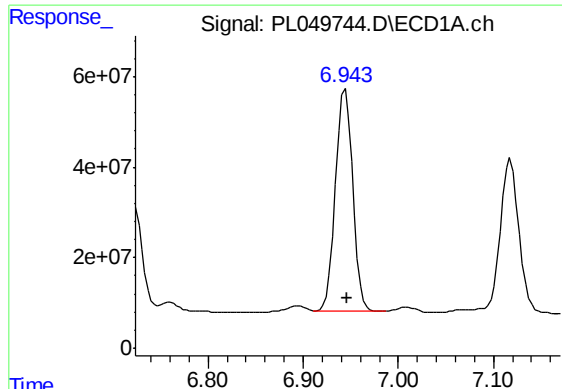
#20 Methoxychlor

R.T.: 6.723 min
Delta R.T.: -0.002 min
Response: 276226353
Conc: 42.38 ng/ml



#20 Methoxychlor

R.T.: 7.514 min
Delta R.T.: -0.001 min
Response: 76501701
Conc: 45.90 ng/ml



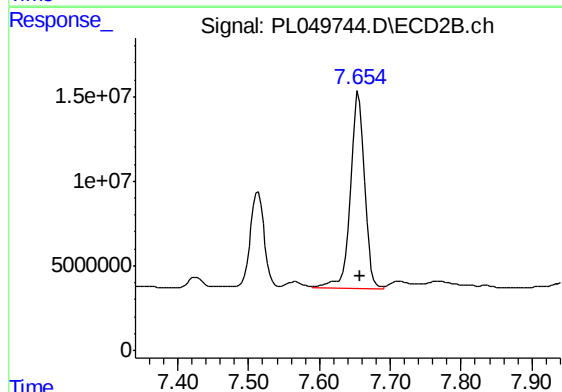
#21 Endrin ketone

R.T.: 6.944 min
Delta R.T.: -0.002 min
Response: 621360687
Conc: 44.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-008-SW122-061819MSD

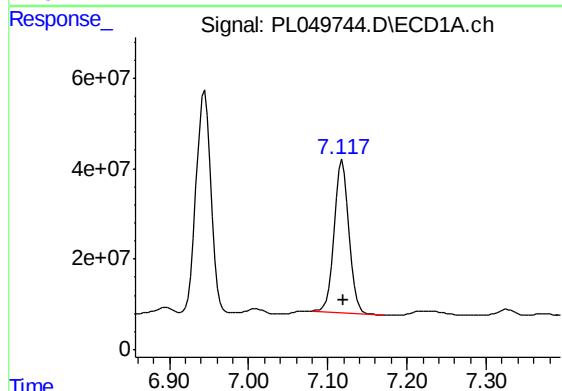
Manual Integrations
APPROVED

Ankita
6/24/2019 9:21:09 AM



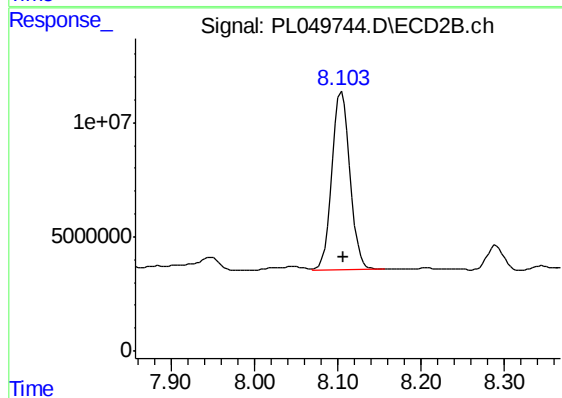
#21 Endrin ketone

R.T.: 7.655 min
Delta R.T.: -0.002 min
Response: 161751770
Conc: 51.91 ng/ml



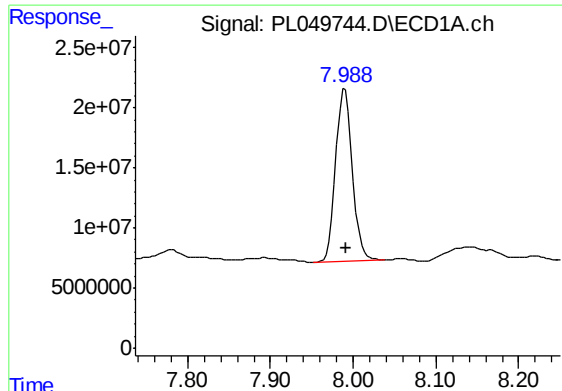
#22 Mirex

R.T.: 7.118 min
Delta R.T.: -0.002 min
Response: 445196965
Conc: 43.07 ng/ml



#22 Mirex

R.T.: 8.105 min
Delta R.T.: -0.002 min
Response: 118171184
Conc: 46.73 ng/ml



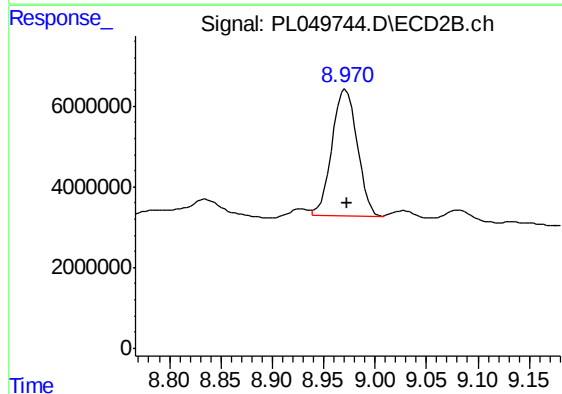
#28 Decachlorobiphenyl

R.T.: 7.990 min
Delta R.T.: -0.002 min
Response: 203434952
Conc: 16.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-008-SW122-061819MSD

Manual Integrations
APPROVED

Ankita
6/24/2019 9:21:09 AM



#28 Decachlorobiphenyl

R.T.: 8.972 min
Delta R.T.: -0.001 min
Response: 53653179
Conc: 15.98 ng/ml