

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011620\
 Data File : PL055796.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jan 2020 15:51
 Operator : AJ\MA
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

mohammad
 1/17/2020 11:39:35 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 17 00:41:33 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011020.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 10 00:58:33 2020
 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...	3.491	3.968	494.0E6	142.1E6	53.458	53.627
28)	SA Decachlor...	8.238	8.959	415.1E6	99791847	47.266	47.998
Target Compounds							
2)	A alpha-BHC	3.929	4.352	841.0E6	217.2E6	53.208	54.798
3)	MA gamma-BHC...	4.212	4.632	795.9E6	200.1E6	53.881	53.813
4)	MA Heptachlor	4.514	5.132	770.3E6	171.2E6	53.848	53.947
5)	MB Aldrin	4.763	5.432	728.1E6	169.6E6	51.899	54.373
6)	B beta-BHC	4.462	4.800	320.9E6	79595925	52.503	52.135
7)	B delta-BHC	4.666	5.014	747.5E6	141.3E6	52.298	46.050
8)	B Heptachlo...	5.204	5.813	681.5E6	124.8E6	51.345	42.468
9)	A Endosulfan I	5.543	6.166	628.4E6	136.5E6	50.857	51.562
10)	B gamma-Chl...	5.429	6.044	678.9E6	143.5E6	50.712m	50.964
11)	B alpha-Chl...	5.489	6.116	670.6E6	145.2E6	51.074	51.665
12)	B 4,4'-DDE	5.652	6.270	631.7E6	140.8E6	50.800	53.000
13)	MA Dieldrin	5.787	6.420	671.0E6	142.3E6	51.191	52.055
14)	MA Endrin	6.043	6.636	608.4E6	120.4E6	52.682	53.372
15)	B Endosulfa...	6.316	6.843	560.8E6	124.4E6	51.986	51.762
16)	A 4,4'-DDD	6.167	6.756	466.8E6	110.0E6	49.251	53.080
17)	MA 4,4'-DDT	6.407	7.051	493.9E6	113.4E6	57.507	57.520
18)	B Endrin al...	6.483	6.966	453.7E6	102.2E6	48.070	50.312
19)	B Endosulfa...	6.696	7.187	482.9E6	109.9E6	49.370	49.411
20)	A Methoxychlor	6.950	7.506	249.6E6	57255748	58.131	54.694
21)	B Endrin ke...	7.187	7.654	528.7E6	115.9E6	46.638	48.670
22)	Mirex	7.376	8.103	337.1E6	75804343	49.238	46.235

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011620\
Data File : PL055796.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2020 15:51
Operator : AJ\MA
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

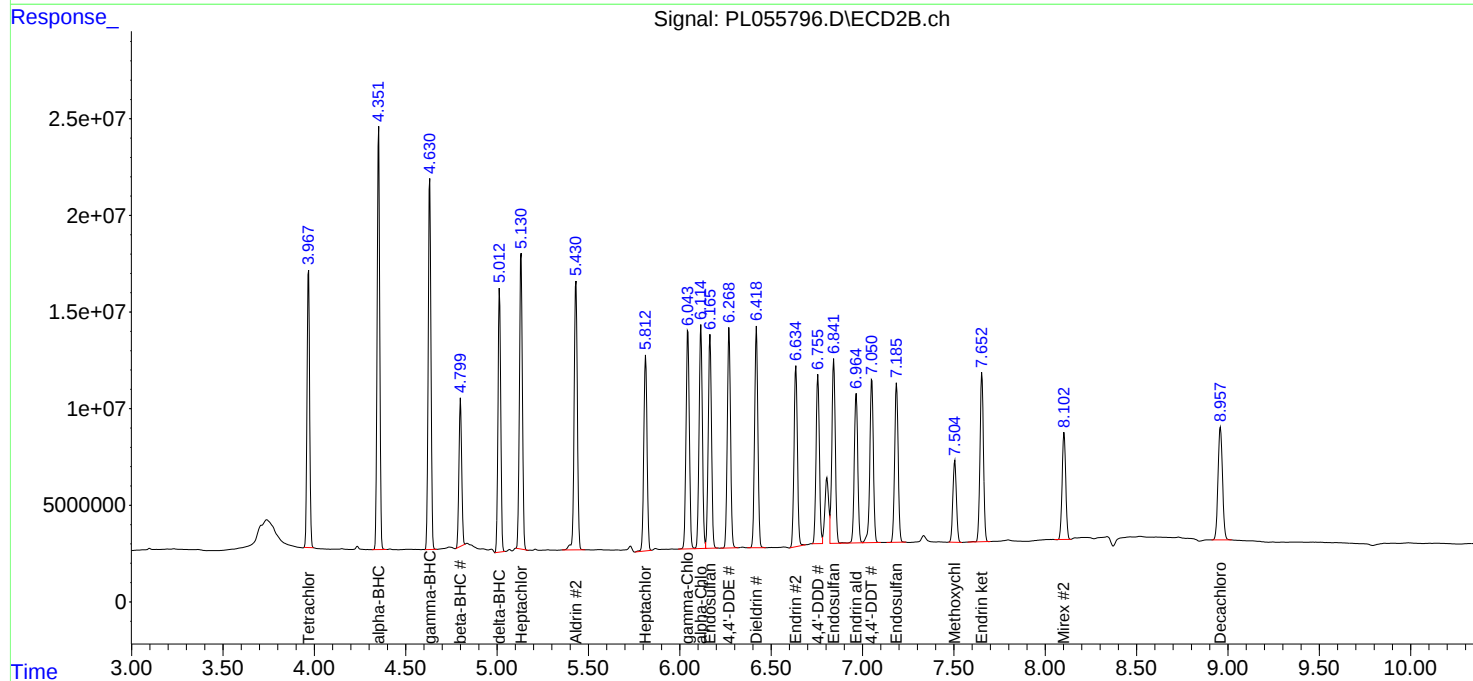
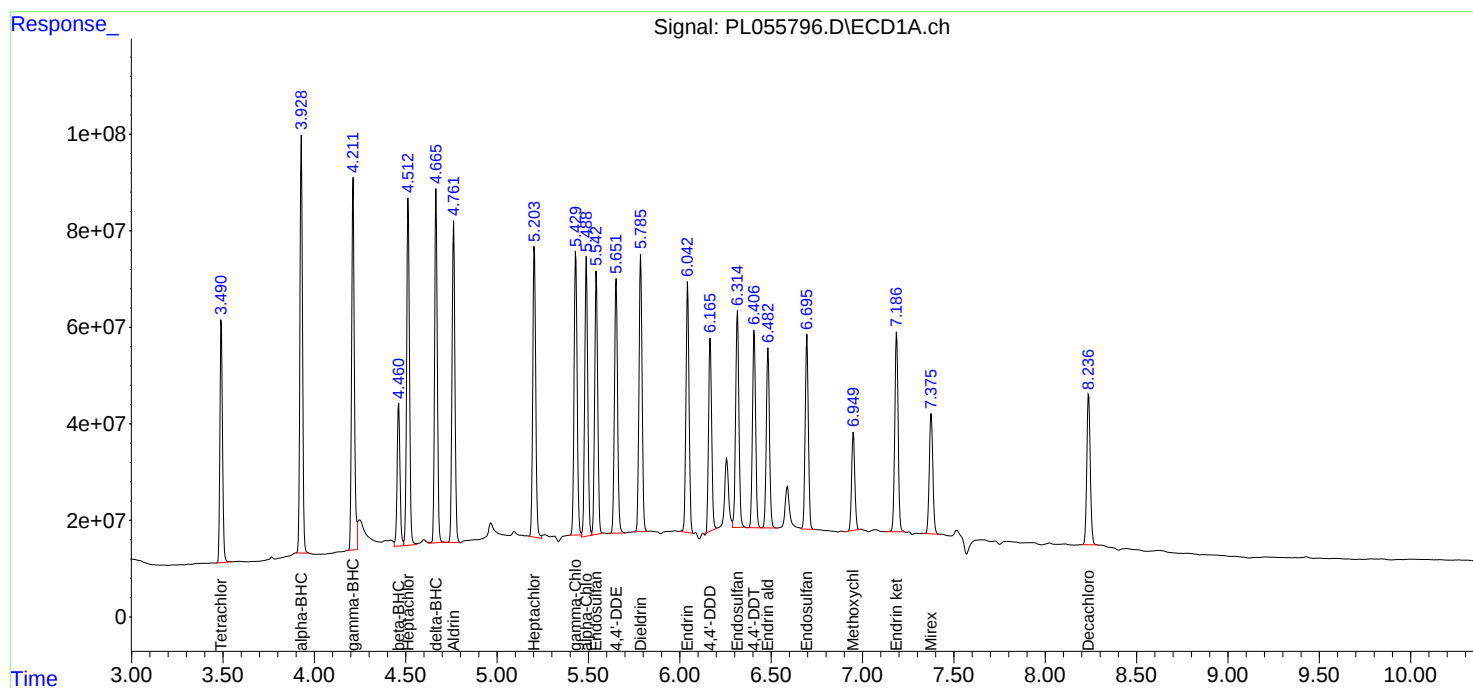
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

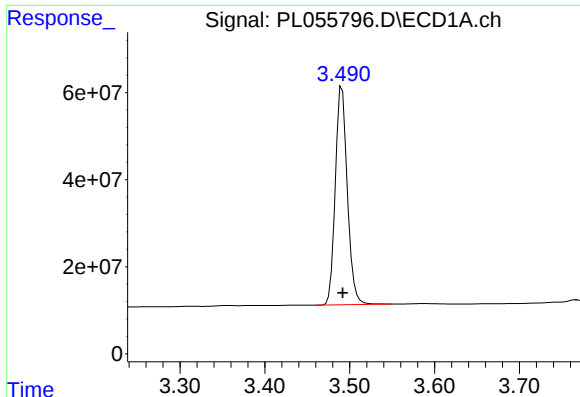
Manual Integrations
APPROVED

mohammad
1/17/2020 11:39:35 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 00:41:33 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011020.M
Quant Title : GC Extractables
QLast Update : Fri Jan 10 00:58:33 2020
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





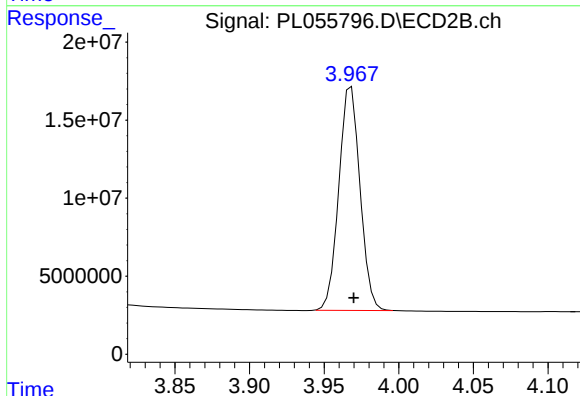
#1 Tetrachloro-m-xylene

R.T.: 3.491 min
Delta R.T.: 0.000 min
Response: 493983273
Conc: 53.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

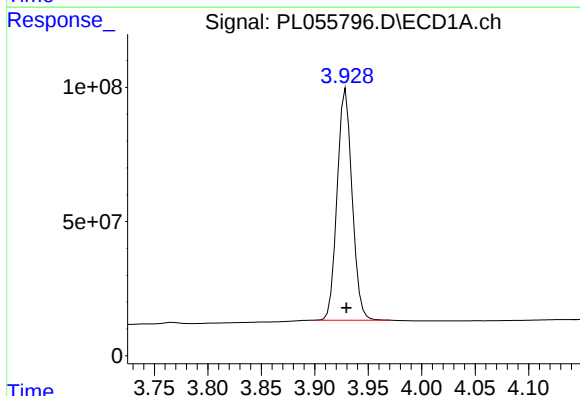
Manual Integrations
APPROVED

mohammad
1/17/2020 11:39:35 AM



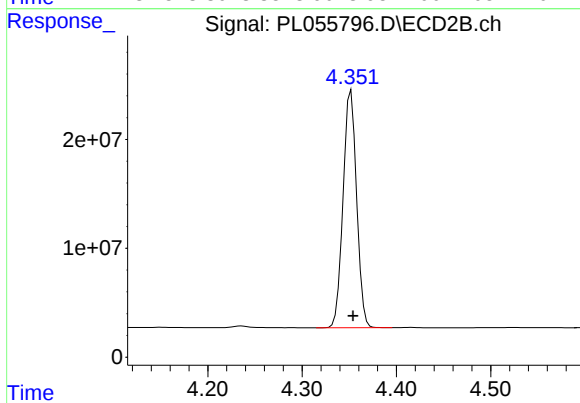
#1 Tetrachloro-m-xylene

R.T.: 3.968 min
Delta R.T.: -0.002 min
Response: 142064845
Conc: 53.63 ng/ml



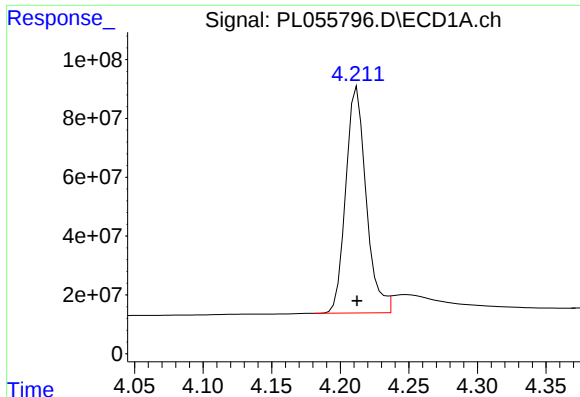
#2 alpha-BHC

R.T.: 3.929 min
Delta R.T.: 0.000 min
Response: 840998353
Conc: 53.21 ng/ml



#2 alpha-BHC

R.T.: 4.352 min
Delta R.T.: -0.002 min
Response: 217241474
Conc: 54.80 ng/ml



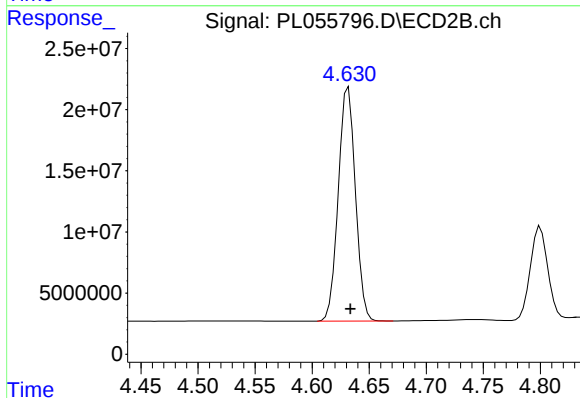
#3 gamma-BHC (Lindane)

R.T.: 4.212 min
Delta R.T.: 0.000 min
Response: 795902538
Conc: 53.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

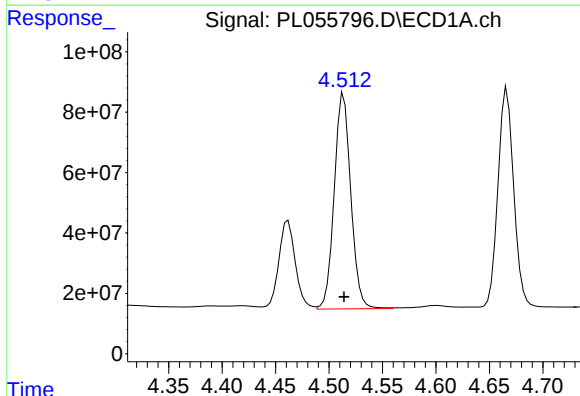
Manual Integrations
APPROVED

mohammad
1/17/2020 11:39:35 AM



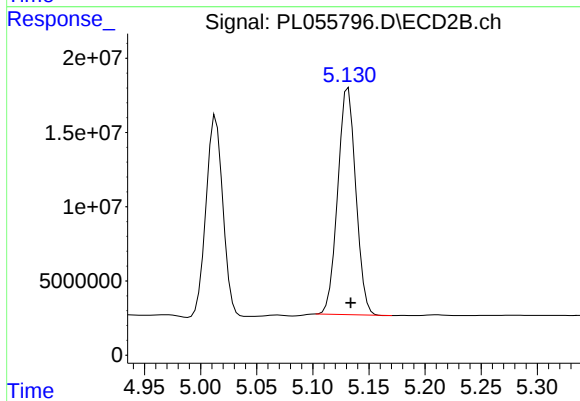
#3 gamma-BHC (Lindane)

R.T.: 4.632 min
Delta R.T.: -0.002 min
Response: 200063569
Conc: 53.81 ng/ml



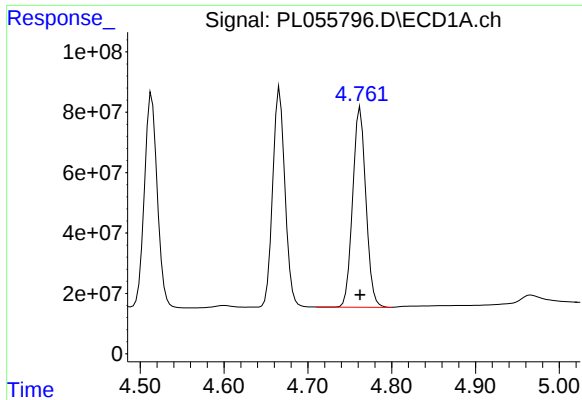
#4 Heptachlor

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 770283670
Conc: 53.85 ng/ml



#4 Heptachlor

R.T.: 5.132 min
Delta R.T.: -0.002 min
Response: 171160604
Conc: 53.95 ng/ml



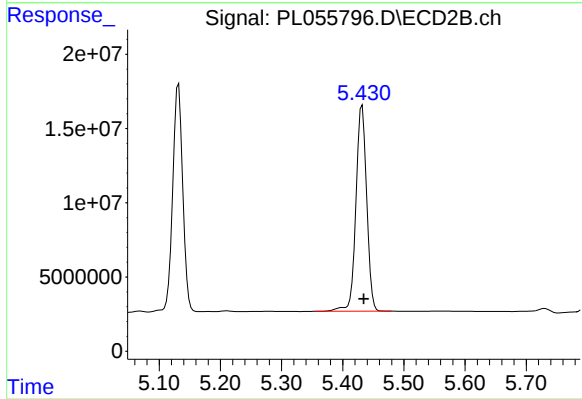
#5 Aldrin

R.T.: 4.763 min
Delta R.T.: 0.000 min
Response: 728079635
Conc: 51.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

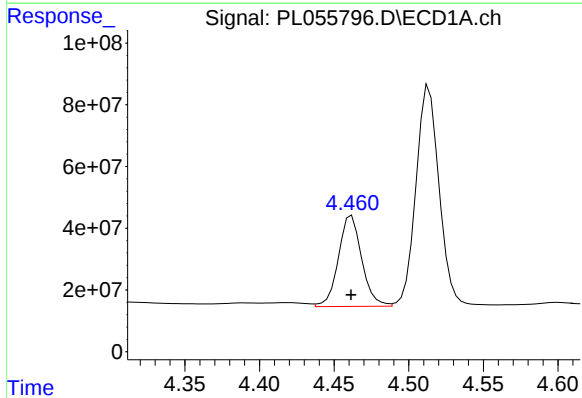
Manual Integrations
APPROVED

mohammad
1/17/2020 11:39:35 AM



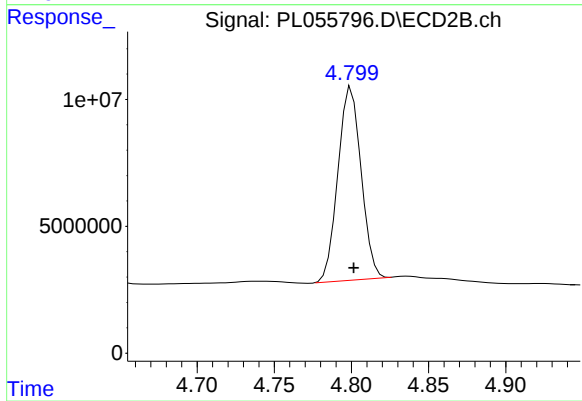
#5 Aldrin

R.T.: 5.432 min
Delta R.T.: -0.003 min
Response: 169584296
Conc: 54.37 ng/ml



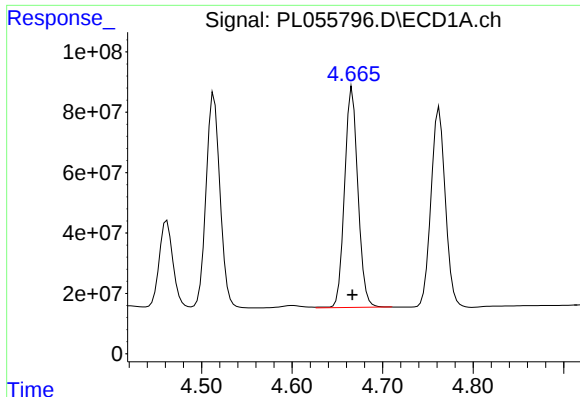
#6 beta-BHC

R.T.: 4.462 min
Delta R.T.: 0.000 min
Response: 320873408
Conc: 52.50 ng/ml



#6 beta-BHC

R.T.: 4.800 min
Delta R.T.: -0.002 min
Response: 79595925
Conc: 52.14 ng/ml



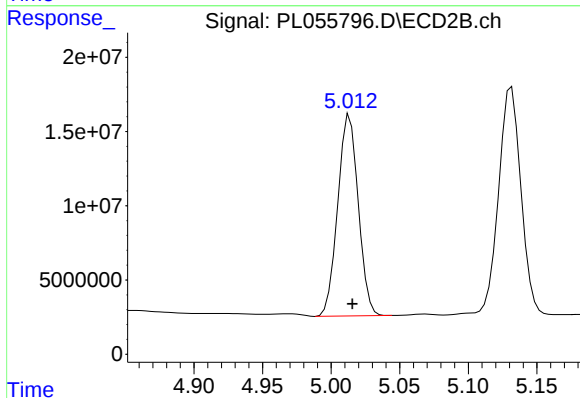
#7 delta-BHC

R.T.: 4.666 min
Delta R.T.: 0.000 min
Response: 747544465
Conc: 52.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

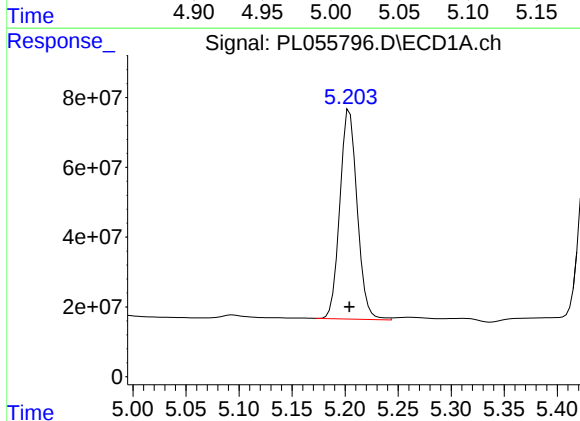
Manual Integrations
APPROVED

mohammad
1/17/2020 11:39:35 AM



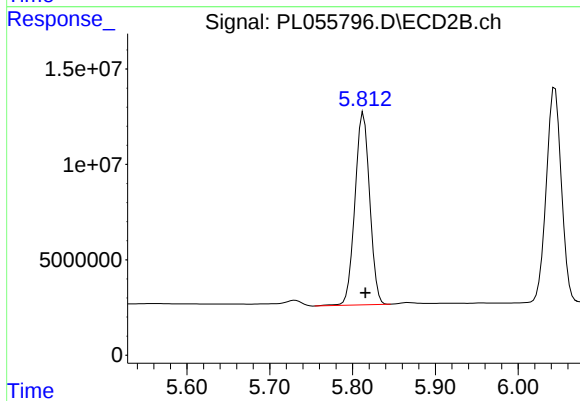
#7 delta-BHC

R.T.: 5.014 min
Delta R.T.: -0.002 min
Response: 141346950
Conc: 46.05 ng/ml



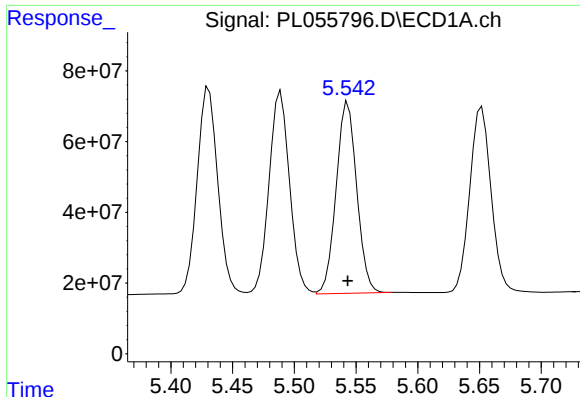
#8 Heptachlor epoxide

R.T.: 5.204 min
Delta R.T.: 0.000 min
Response: 681544407
Conc: 51.34 ng/ml



#8 Heptachlor epoxide

R.T.: 5.813 min
Delta R.T.: -0.002 min
Response: 124784165
Conc: 42.47 ng/ml



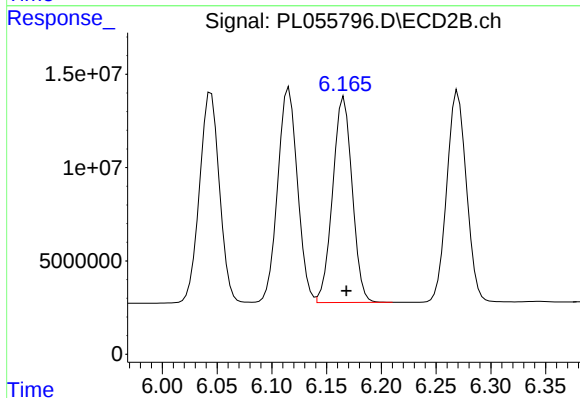
#9 Endosulfan I

R.T.: 5.543 min
Delta R.T.: 0.000 min
Response: 628361748
Conc: 50.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

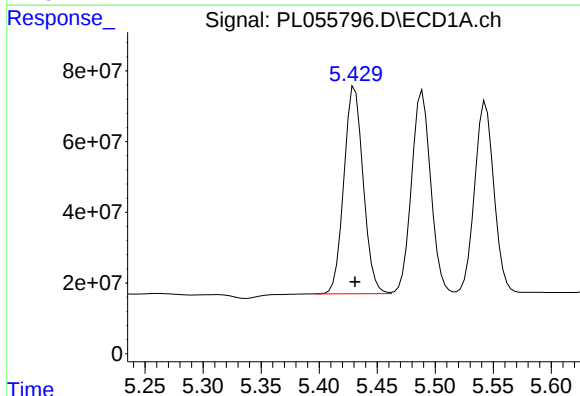
Manual Integrations
APPROVED

mohammad
1/17/2020 11:39:35 AM



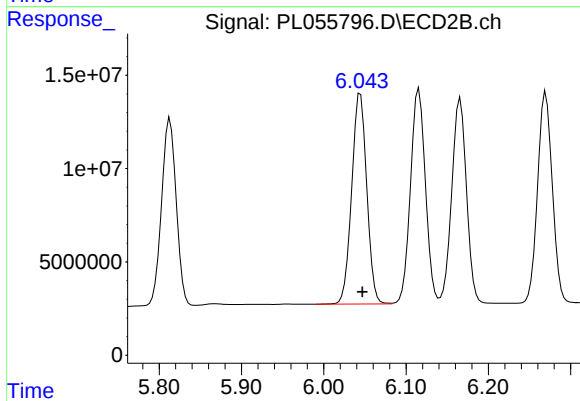
#9 Endosulfan I

R.T.: 6.166 min
Delta R.T.: -0.002 min
Response: 136520404
Conc: 51.56 ng/ml



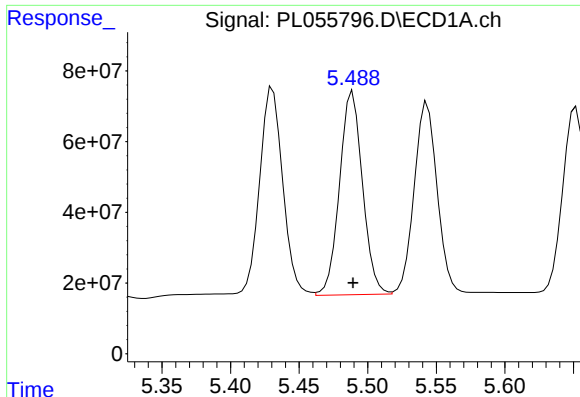
#10 gamma-Chlordane

R.T.: 5.429 min
Delta R.T.: -0.002 min
Response: 678920874
Conc: 50.71 ng/ml m



#10 gamma-Chlordane

R.T.: 6.044 min
Delta R.T.: -0.002 min
Response: 143481354
Conc: 50.96 ng/ml



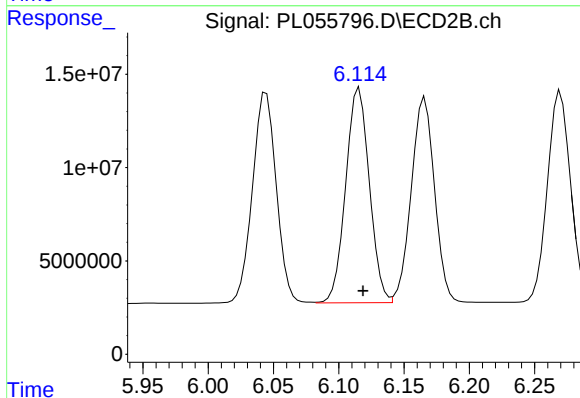
#11 alpha-Chlordane

R.T.: 5.489 min
Delta R.T.: 0.000 min
Response: 670610056
Conc: 51.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

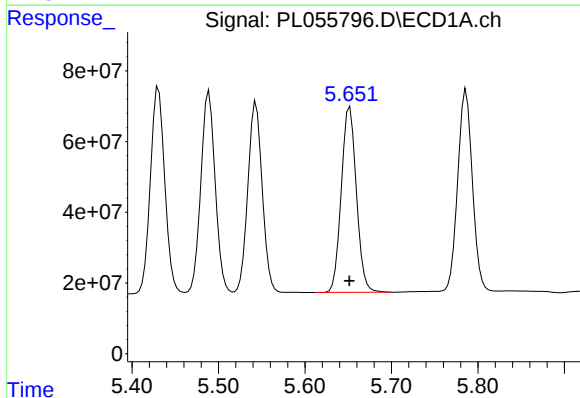
Manual Integrations
APPROVED

mohammad
1/17/2020 11:39:35 AM



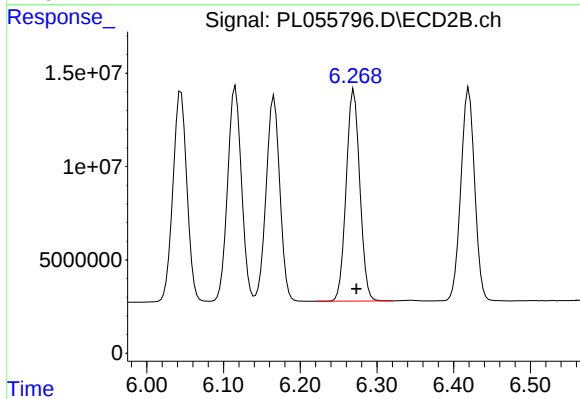
#11 alpha-Chlordane

R.T.: 6.116 min
Delta R.T.: -0.003 min
Response: 145216877
Conc: 51.67 ng/ml



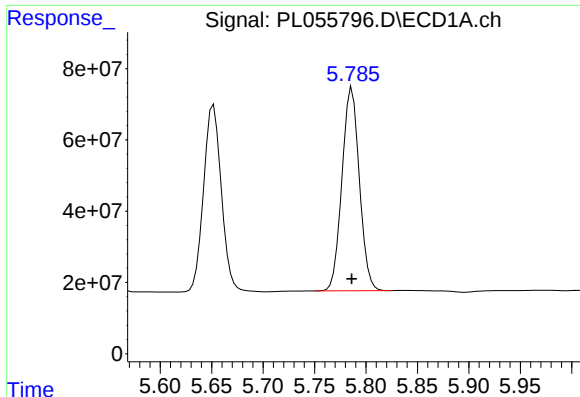
#12 4,4'-DDE

R.T.: 5.652 min
Delta R.T.: 0.000 min
Response: 631659282
Conc: 50.80 ng/ml



#12 4,4'-DDE

R.T.: 6.270 min
Delta R.T.: -0.004 min
Response: 140810929
Conc: 53.00 ng/ml



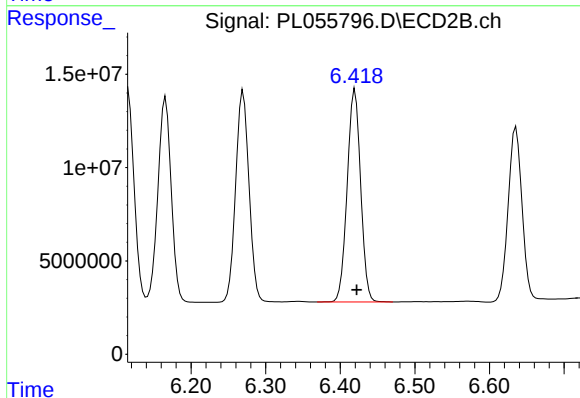
#13 Dieldrin

R.T.: 5.787 min
Delta R.T.: 0.000 min
Response: 671040296
Conc: 51.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

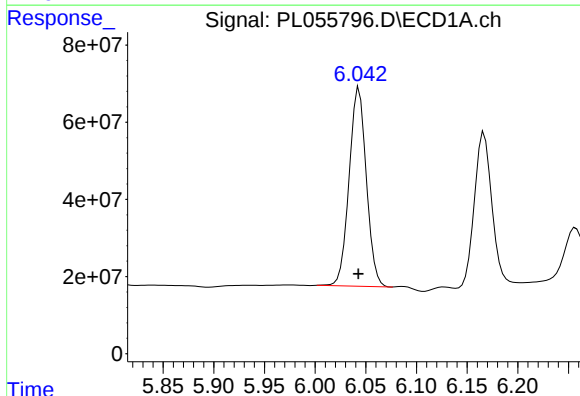
Manual Integrations
APPROVED

mohammad
1/17/2020 11:39:35 AM



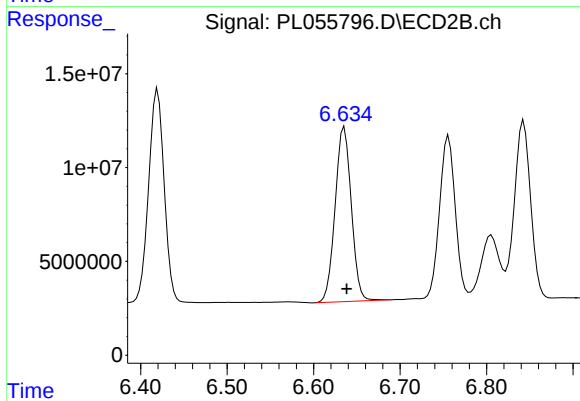
#13 Dieldrin

R.T.: 6.420 min
Delta R.T.: -0.002 min
Response: 142337137
Conc: 52.05 ng/ml



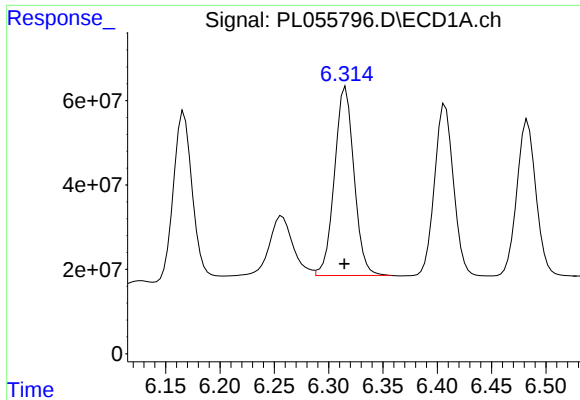
#14 Endrin

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 608364941
Conc: 52.68 ng/ml



#14 Endrin

R.T.: 6.636 min
Delta R.T.: -0.003 min
Response: 120354845
Conc: 53.37 ng/ml



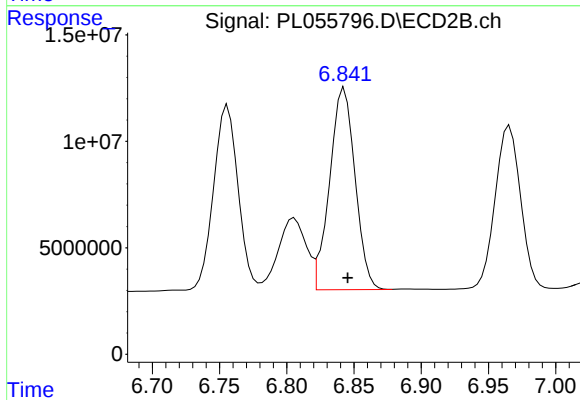
#15 Endosulfan II

R.T.: 6.316 min
Delta R.T.: 0.001 min
Response: 560788834
Conc: 51.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

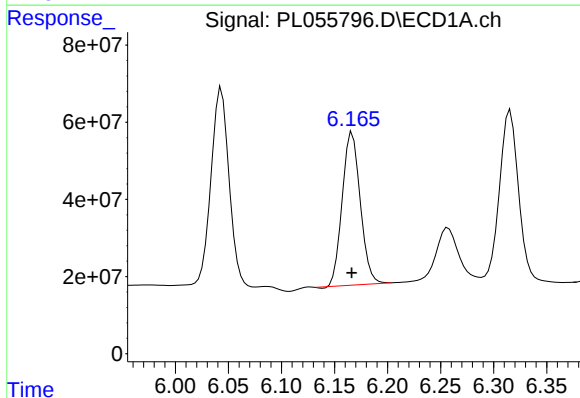
Manual Integrations
APPROVED

mohammad
1/17/2020 11:39:35 AM



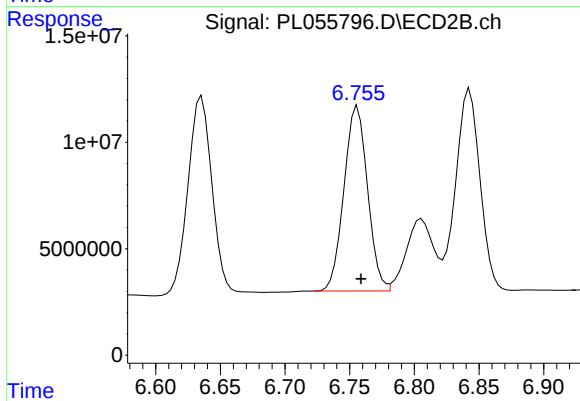
#15 Endosulfan II

R.T.: 6.843 min
Delta R.T.: -0.003 min
Response: 124354814
Conc: 51.76 ng/ml



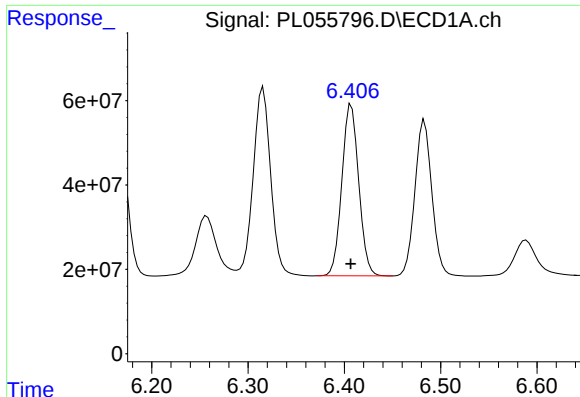
#16 4,4'-DDD

R.T.: 6.167 min
Delta R.T.: 0.000 min
Response: 466750667
Conc: 49.25 ng/ml



#16 4,4'-DDD

R.T.: 6.756 min
Delta R.T.: -0.003 min
Response: 109990297
Conc: 53.08 ng/ml



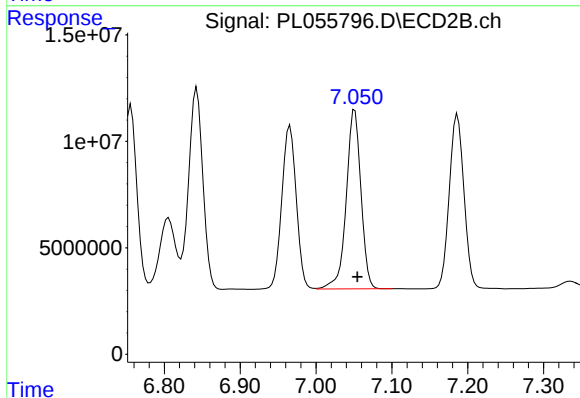
#17 4,4'-DDT

R.T.: 6.407 min
Delta R.T.: 0.000 min
Response: 493868651
Conc: 57.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

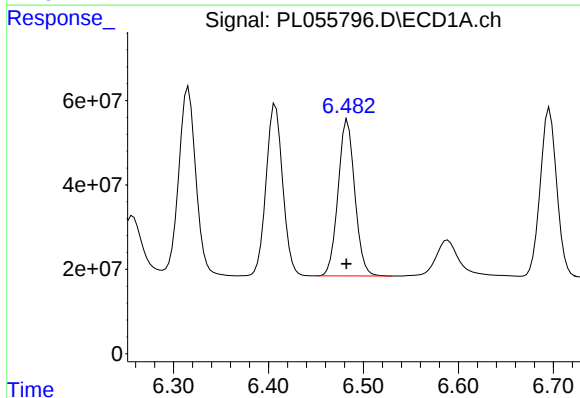
Manual Integrations
APPROVED

mohammad
1/17/2020 11:39:35 AM



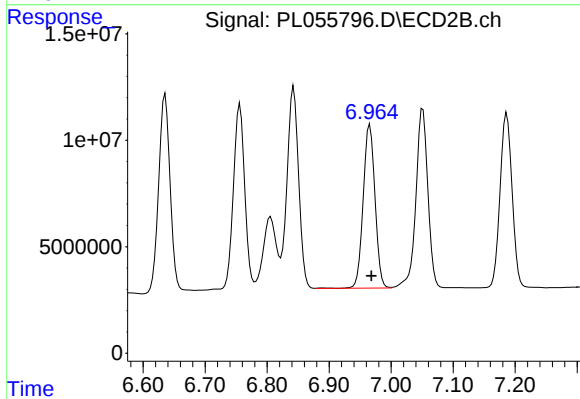
#17 4,4'-DDT

R.T.: 7.051 min
Delta R.T.: -0.003 min
Response: 113412682
Conc: 57.52 ng/ml



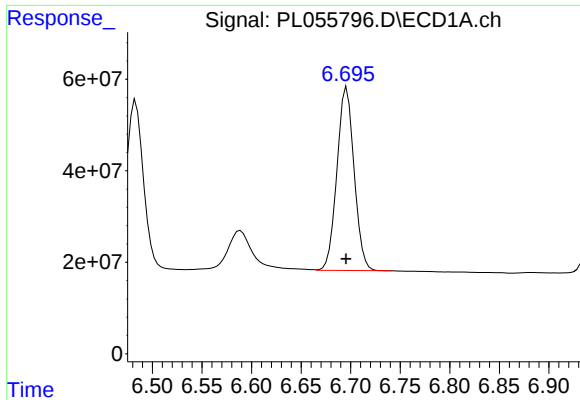
#18 Endrin aldehyde

R.T.: 6.483 min
Delta R.T.: 0.001 min
Response: 453743450
Conc: 48.07 ng/ml



#18 Endrin aldehyde

R.T.: 6.966 min
Delta R.T.: -0.003 min
Response: 102160411
Conc: 50.31 ng/ml



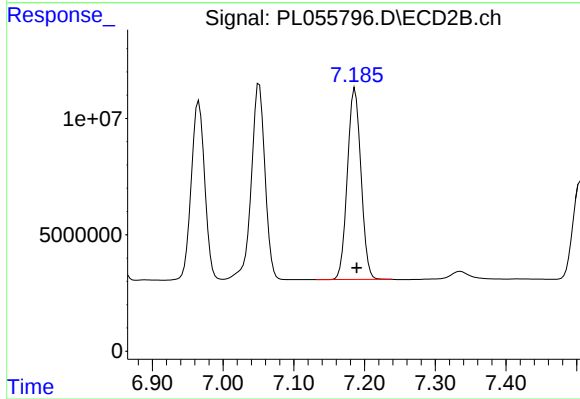
#19 Endosulfan Sulfate

R.T.: 6.696 min
Delta R.T.: 0.000 min
Response: 482945792
Conc: 49.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

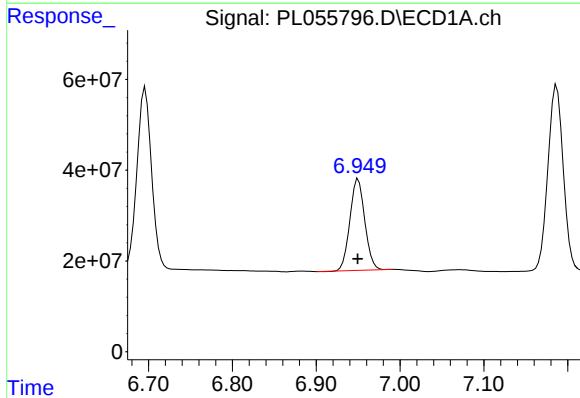
Manual Integrations
APPROVED

mohammad
1/17/2020 11:39:35 AM



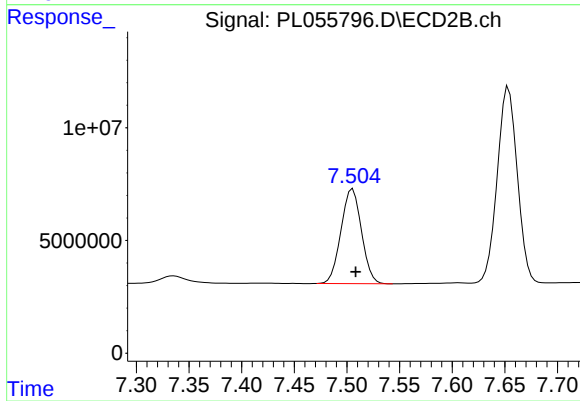
#19 Endosulfan Sulfate

R.T.: 7.187 min
Delta R.T.: -0.003 min
Response: 109929732
Conc: 49.41 ng/ml



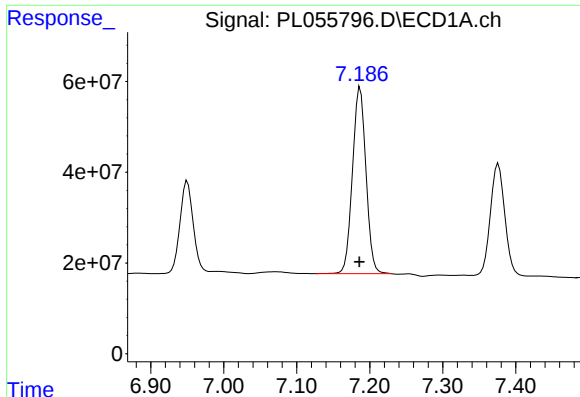
#20 Methoxychlor

R.T.: 6.950 min
Delta R.T.: 0.000 min
Response: 249552352
Conc: 58.13 ng/ml



#20 Methoxychlor

R.T.: 7.506 min
Delta R.T.: -0.003 min
Response: 57255748
Conc: 54.69 ng/ml



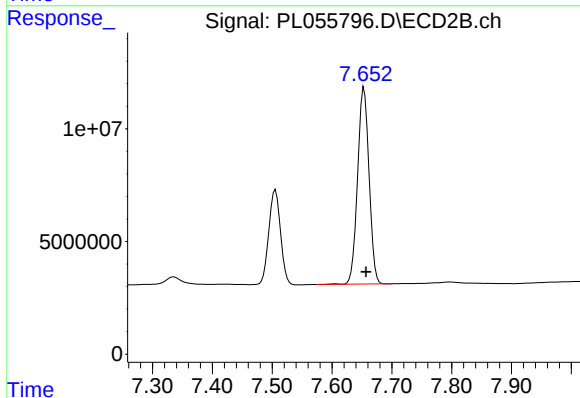
#21 Endrin ketone

R.T.: 7.187 min
Delta R.T.: 0.001 min
Response: 528665026
Conc: 46.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

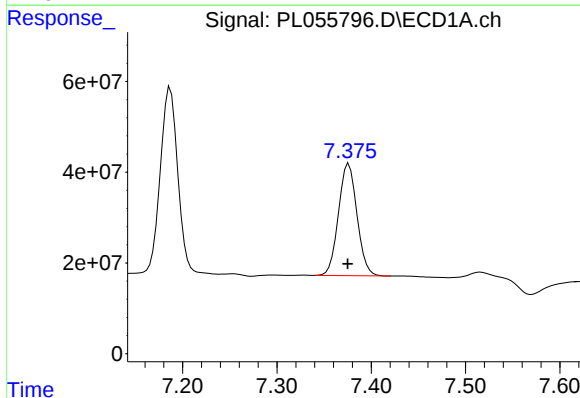
Manual Integrations
APPROVED

mohammad
1/17/2020 11:39:35 AM



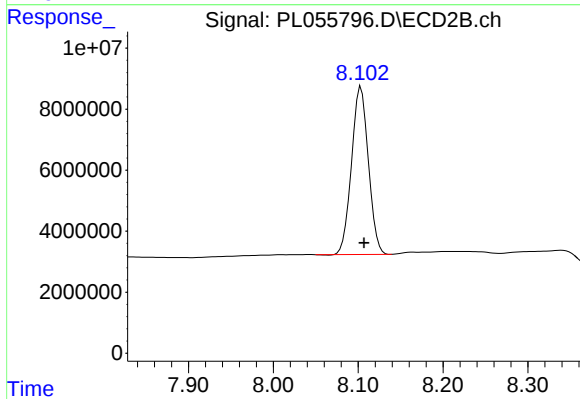
#21 Endrin ketone

R.T.: 7.654 min
Delta R.T.: -0.003 min
Response: 115886834
Conc: 48.67 ng/ml



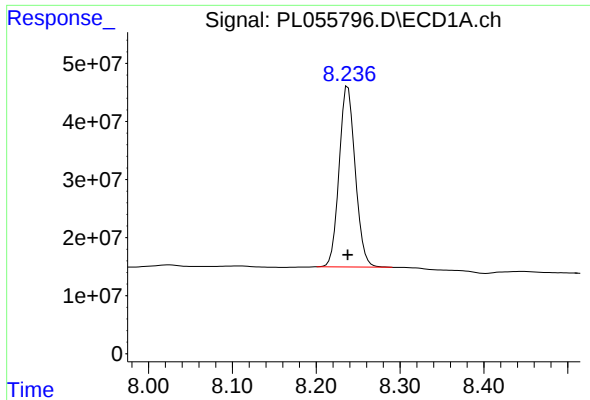
#22 Mirex

R.T.: 7.376 min
Delta R.T.: 0.001 min
Response: 337143279
Conc: 49.24 ng/ml



#22 Mirex

R.T.: 8.103 min
Delta R.T.: -0.003 min
Response: 75804343
Conc: 46.24 ng/ml



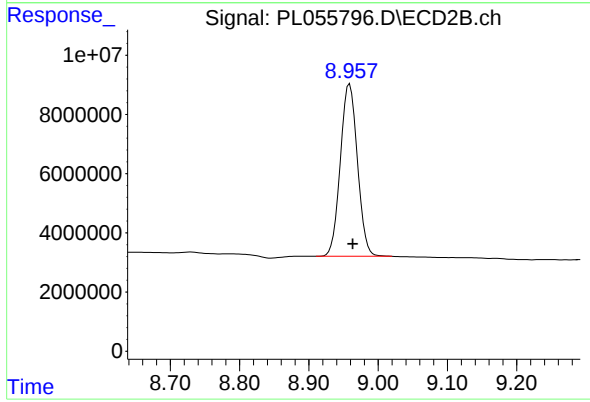
#28 Decachlorobiphenyl

R.T.: 8.238 min
Delta R.T.: 0.000 min
Response: 415076786
Conc: 47.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

mohammad
1/17/2020 11:39:35 AM



#28 Decachlorobiphenyl

R.T.: 8.959 min
Delta R.T.: -0.004 min
Response: 99791847
Conc: 48.00 ng/ml