

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042719\
 Data File : PL047919.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Apr 2019 07:47
 Operator : AJ\SJ
 Sample : K2587-17MS
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PST-004-B163-042319MS

Manual Integrations
 APPROVED

mohammad
 4/29/2019 4:33:09 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 29 01:04:54 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042419.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 25 01:53:03 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...	3.330	3.943	186.3E6	51807698	20.142	21.702
28)	SA Decachlor...	8.004	8.986	135.4E6	39271712	12.094	13.757
Target Compounds							
2)	A alpha-BHC	3.759	4.330	742.1E6	176.7E6	50.768	53.239m
3)	MA gamma-BHC...	4.035	4.616	680.3E6	161.9E6	51.323	51.633
4)	MA Heptachlor	4.321	5.120	669.0E6	159.7E6	46.957	47.527
5)	MB Aldrin	4.560	5.423	629.9E6	143.8E6	45.230	46.069
6)	B beta-BHC	4.289	4.790	268.1E6	74361387	47.450	51.610
7)	B delta-BHC	4.483	5.003	536.6E6	88540650	41.304	35.243m
8)	B Heptachlor...	4.997	5.809	583.4E6	121.6E6	45.522	43.524
9)	A Endosulfan I	5.328	6.166	540.9E6	128.6E6	44.726	45.796
10)	B gamma-Chl...	5.220	6.043	596.2E6	137.9E6	44.782	45.567
11)	B alpha-Chl...	5.276	6.116	580.9E6	138.3E6	44.515	45.701
12)	B 4,4'-DDE	5.444	6.275	557.0E6	126.9E6	44.778	45.951
13)	MA Dieldrin	5.567	6.420	578.0E6	134.0E6	44.524	45.840m
14)	MA Endrin	5.821	6.639	524.2E6	115.0E6	44.111	45.014
15)	B Endosulfa...	6.095	6.850	483.8E6	116.5E6	43.209	44.413
16)	A 4,4'-DDD	5.955	6.766	418.8E6	103.5E6	42.586	46.097
17)	MA 4,4'-DDT	6.190	7.062	409.8E6	100.1E6	41.108	42.003m
18)	B Endrin al...	6.262	6.974	376.1E6	94905989	39.860	41.079
19)	B Endosulfa...	6.474	7.197	449.3E6	111.6E6	40.311	40.749
20)	A Methoxychlor	6.736	7.524	218.7E6	58499256	41.123	41.721
21)	B Endrin ke...	6.956	7.666	497.4E6	123.5E6	41.942	43.924
22)	Mirex	7.131	8.117	334.0E6	88515252	35.587	38.041

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042719\
Data File : PL047919.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Apr 2019 07:47
Operator : AJ\SJ
Sample : K2587-17MS
Misc :
ALS Vial : 68 Sample Multiplier: 1

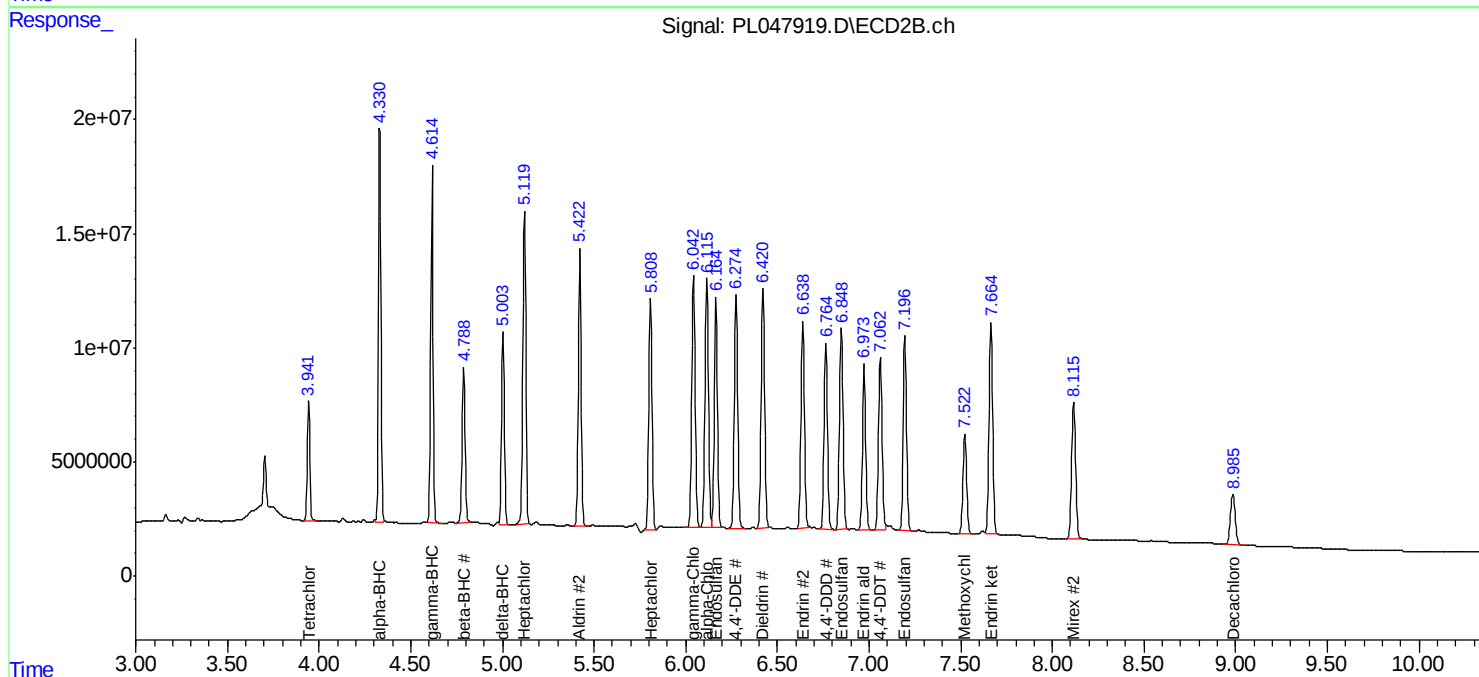
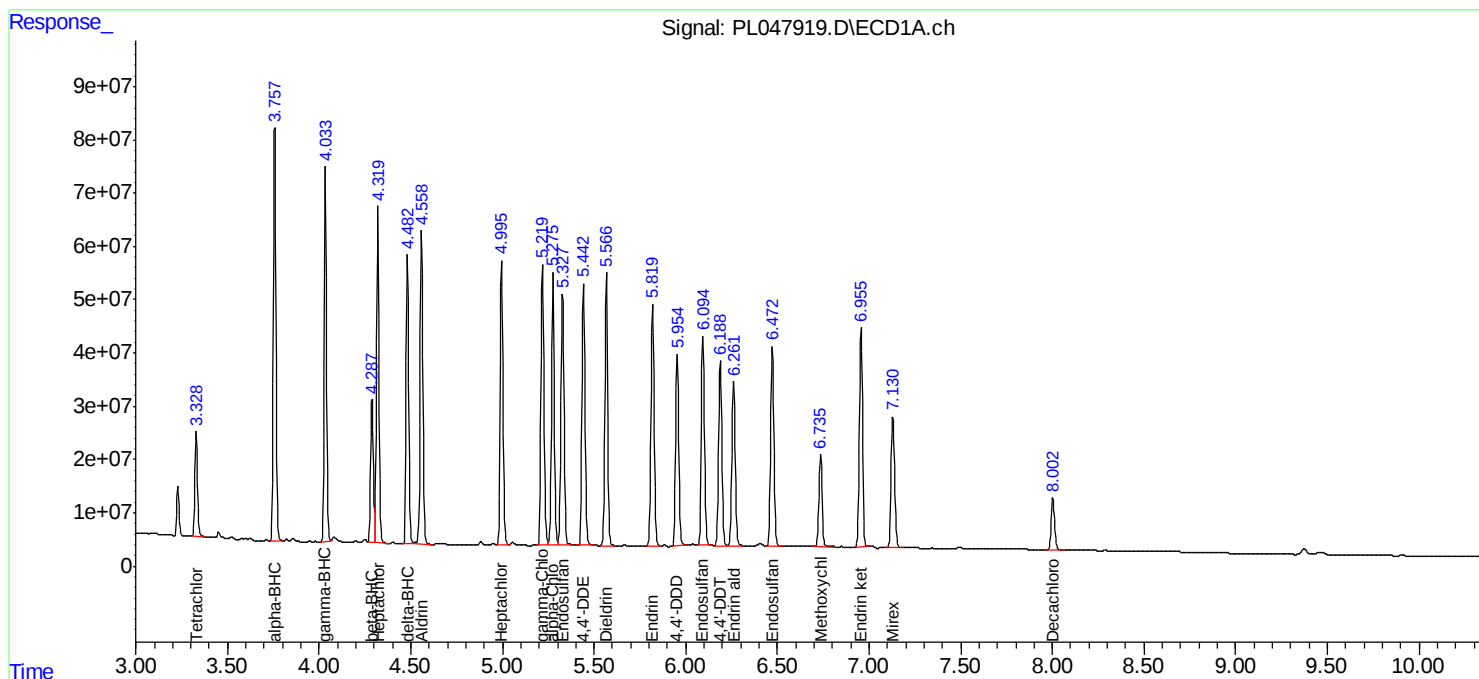
Instrument :
ECD_L
ClientSampleId :
PST-004-B163-042319MS

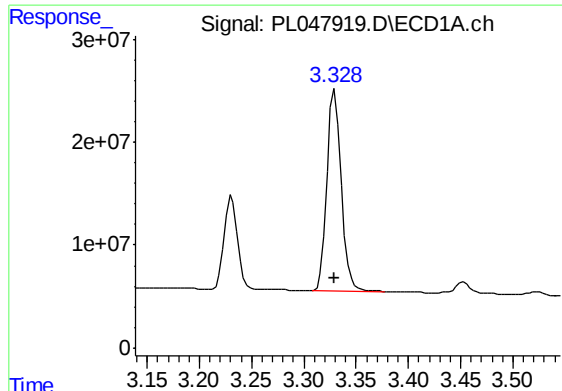
Manual Integrations
APPROVED

mohammad
4/29/2019 4:33:09 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 01:04:54 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042419.M
Quant Title : GC Extractables
QLast Update : Thu Apr 25 01:53:03 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





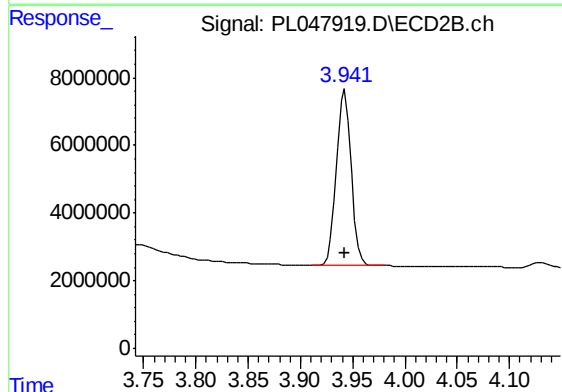
#1 Tetrachloro-m-xylene

R.T.: 3.330 min
Delta R.T.: 0.000 min
Response: 186275502
Conc: 20.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-004-B163-042319MS

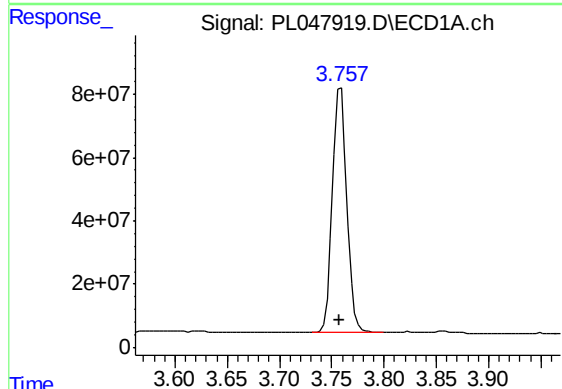
Manual Integrations
APPROVED

mohammad
4/29/2019 4:33:09 PM



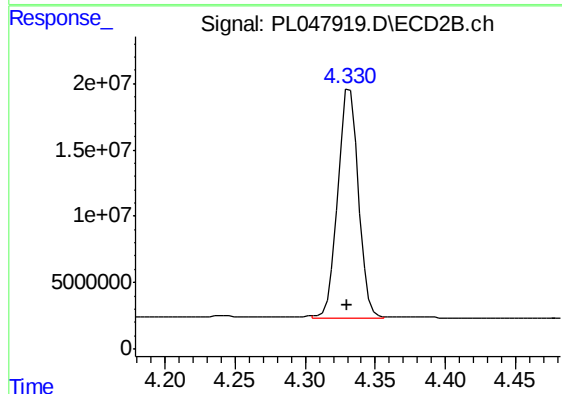
#1 Tetrachloro-m-xylene

R.T.: 3.943 min
Delta R.T.: 0.000 min
Response: 51807698
Conc: 21.70 ng/ml



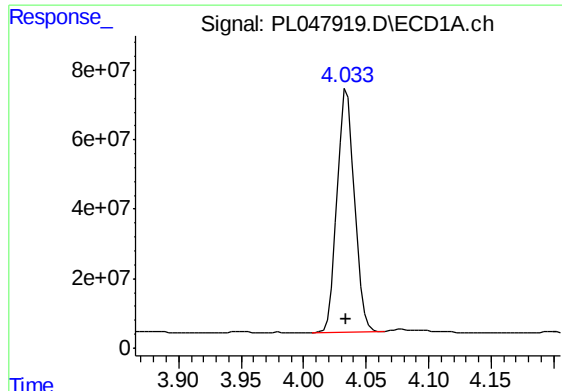
#2 alpha-BHC

R.T.: 3.759 min
Delta R.T.: 0.001 min
Response: 742145193
Conc: 50.77 ng/ml



#2 alpha-BHC

R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 176683867
Conc: 53.24 ng/ml m



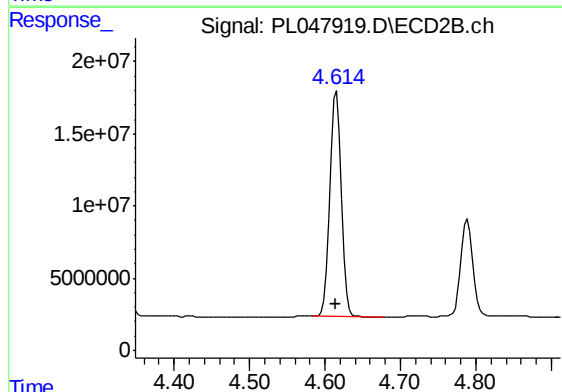
#3 gamma-BHC (Lindane)

R.T.: 4.035 min
Delta R.T.: 0.001 min
Response: 680269663
Conc: 51.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-004-B163-042319MS

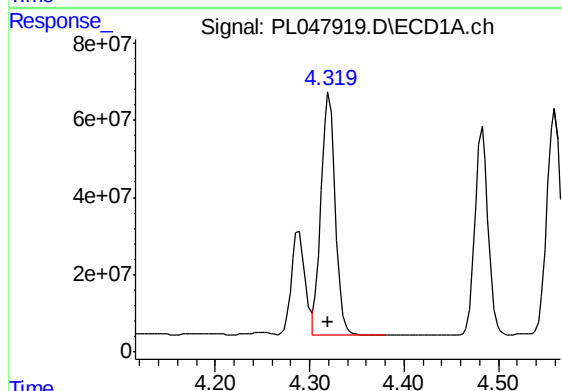
Manual Integrations
APPROVED

mohammad
4/29/2019 4:33:09 PM



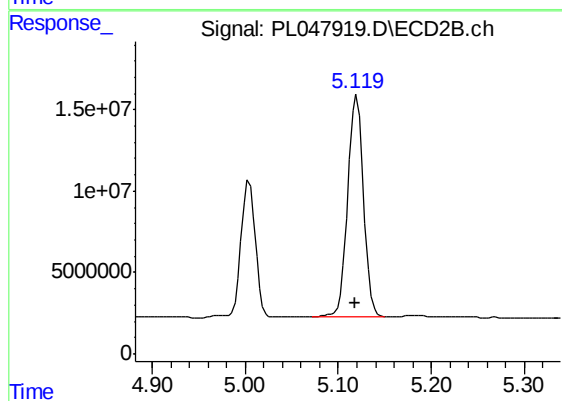
#3 gamma-BHC (Lindane)

R.T.: 4.616 min
Delta R.T.: 0.002 min
Response: 161946168
Conc: 51.63 ng/ml



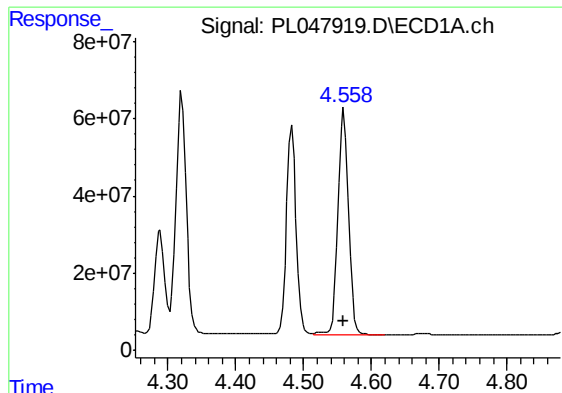
#4 Heptachlor

R.T.: 4.321 min
Delta R.T.: 0.002 min
Response: 669048287
Conc: 46.96 ng/ml



#4 Heptachlor

R.T.: 5.120 min
Delta R.T.: 0.002 min
Response: 159727117
Conc: 47.53 ng/ml



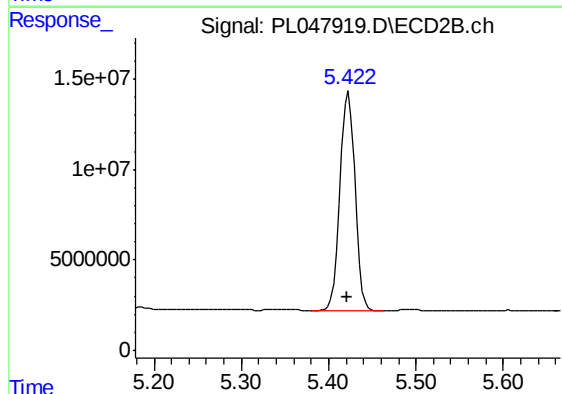
#5 Aldrin

R.T.: 4.560 min
Delta R.T.: 0.001 min
Response: 629861566
Conc: 45.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-004-B163-042319MS

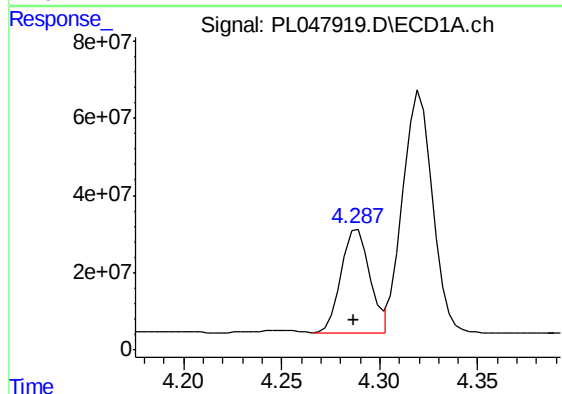
Manual Integrations
APPROVED

mohammad
4/29/2019 4:33:09 PM



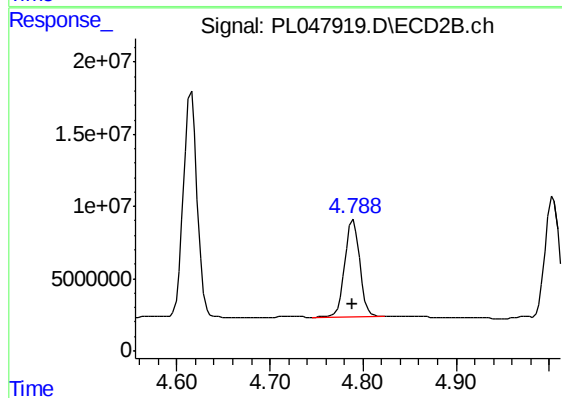
#5 Aldrin

R.T.: 5.423 min
Delta R.T.: 0.002 min
Response: 143778830
Conc: 46.07 ng/ml



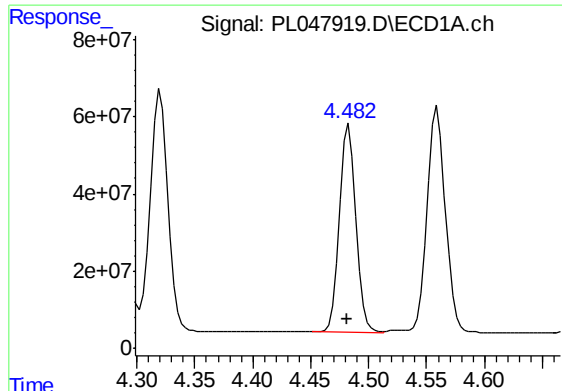
#6 beta-BHC

R.T.: 4.289 min
Delta R.T.: 0.002 min
Response: 268092851
Conc: 47.45 ng/ml



#6 beta-BHC

R.T.: 4.790 min
Delta R.T.: 0.002 min
Response: 74361387
Conc: 51.61 ng/ml



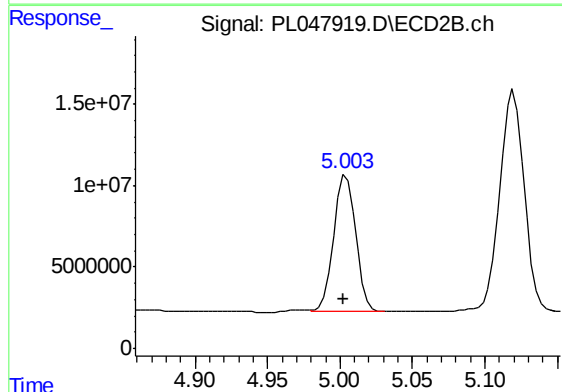
#7 delta-BHC

R.T.: 4.483 min
Delta R.T.: 0.002 min
Response: 536562053
Conc: 41.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-004-B163-042319MS

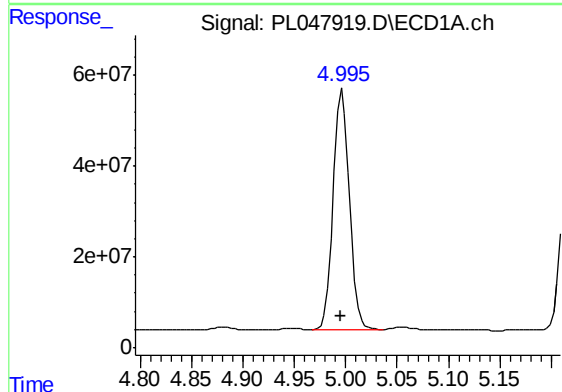
Manual Integrations
APPROVED

mohammad
4/29/2019 4:33:09 PM



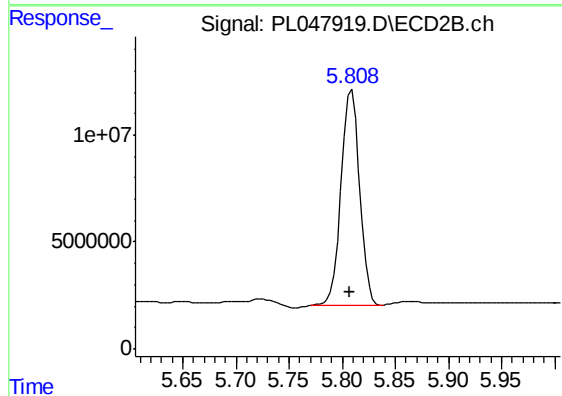
#7 delta-BHC

R.T.: 5.003 min
Delta R.T.: 0.000 min
Response: 88540650
Conc: 35.24 ng/ml m



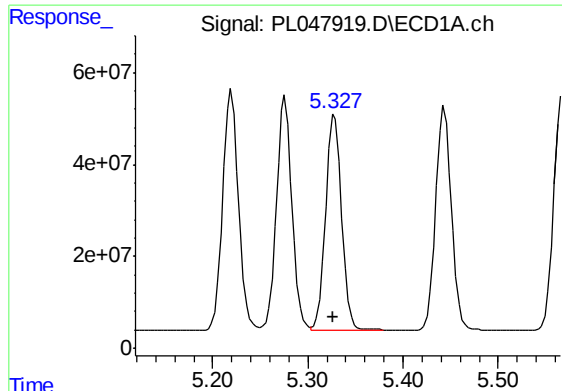
#8 Heptachlor epoxide

R.T.: 4.997 min
Delta R.T.: 0.001 min
Response: 583362040
Conc: 45.52 ng/ml



#8 Heptachlor epoxide

R.T.: 5.809 min
Delta R.T.: 0.001 min
Response: 121639156
Conc: 43.52 ng/ml



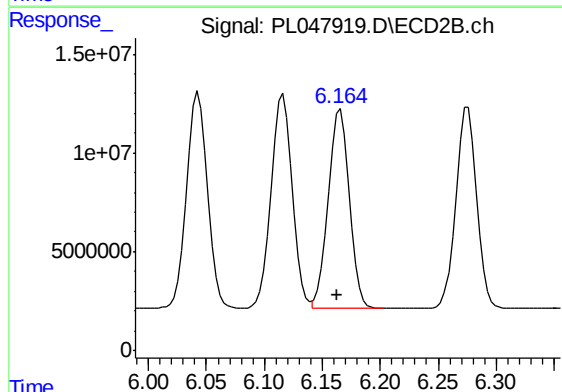
#9 Endosulfan I

R.T.: 5.328 min
Delta R.T.: 0.002 min
Response: 540879411
Conc: 44.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-004-B163-042319MS

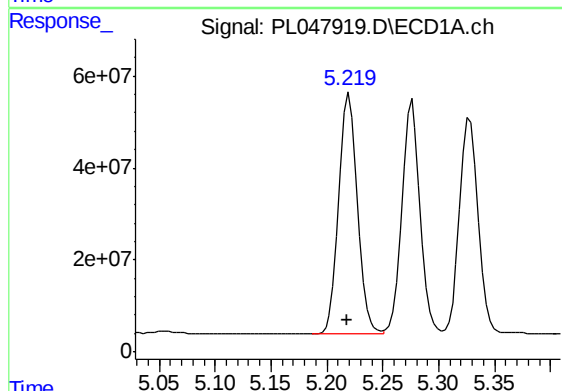
Manual Integrations
APPROVED

mohammad
4/29/2019 4:33:09 PM



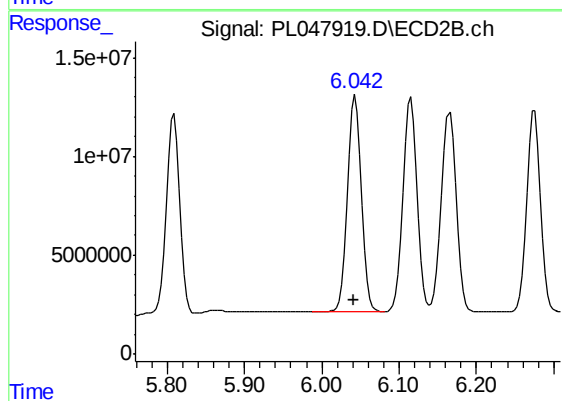
#9 Endosulfan I

R.T.: 6.166 min
Delta R.T.: 0.003 min
Response: 128595592
Conc: 45.80 ng/ml



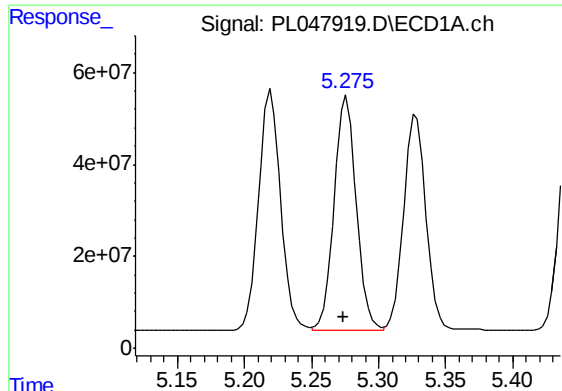
#10 gamma-Chlordane

R.T.: 5.220 min
Delta R.T.: 0.002 min
Response: 596205368
Conc: 44.78 ng/ml



#10 gamma-Chlordane

R.T.: 6.043 min
Delta R.T.: 0.002 min
Response: 137900000
Conc: 45.57 ng/ml



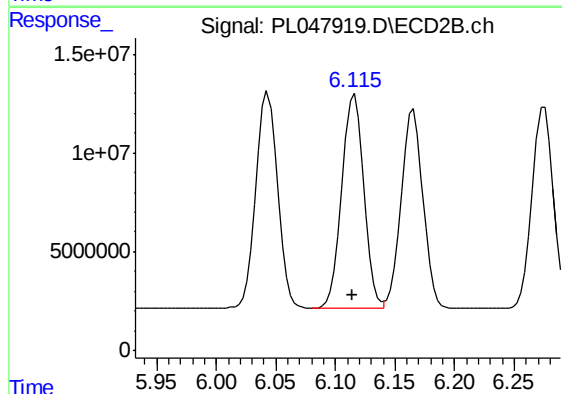
#11 alpha-Chlordane

R.T.: 5.276 min
Delta R.T.: 0.002 min
Response: 580865685
Conc: 44.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-004-B163-042319MS

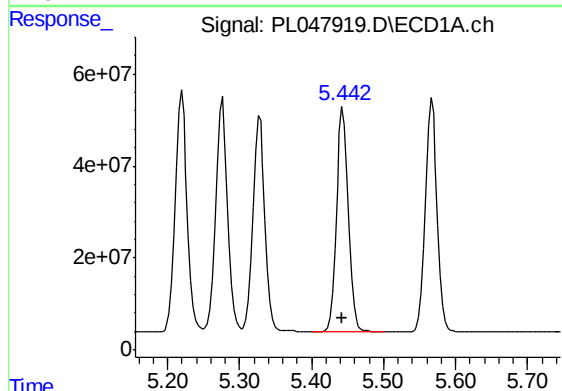
Manual Integrations
APPROVED

mohammad
4/29/2019 4:33:09 PM



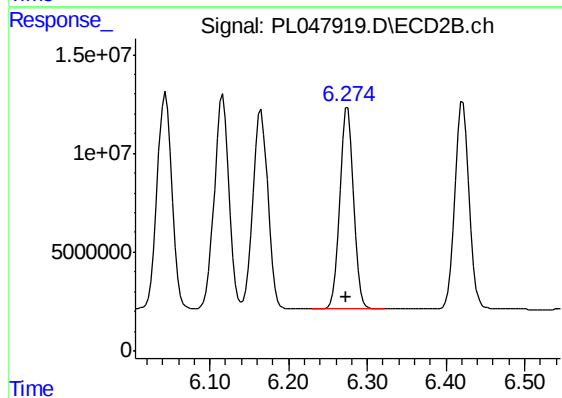
#11 alpha-Chlordane

R.T.: 6.116 min
Delta R.T.: 0.002 min
Response: 138264901
Conc: 45.70 ng/ml



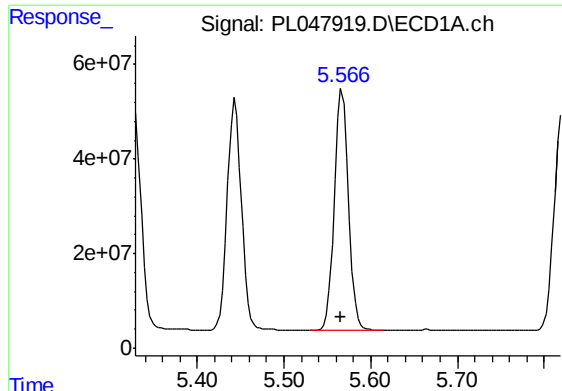
#12 4,4'-DDE

R.T.: 5.444 min
Delta R.T.: 0.002 min
Response: 556982667
Conc: 44.78 ng/ml



#12 4,4'-DDE

R.T.: 6.275 min
Delta R.T.: 0.002 min
Response: 126889046
Conc: 45.95 ng/ml



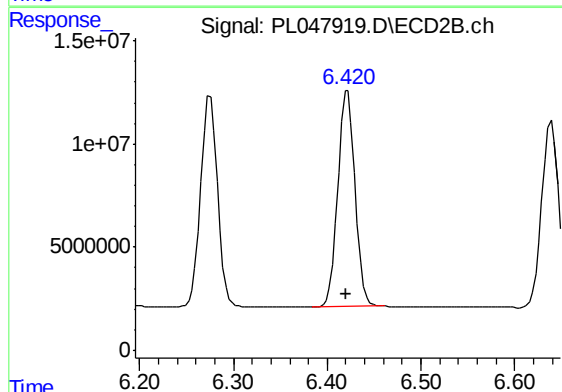
#13 Dieldrin

R.T.: 5.567 min
Delta R.T.: 0.001 min
Response: 578005258
Conc: 44.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-004-B163-042319MS

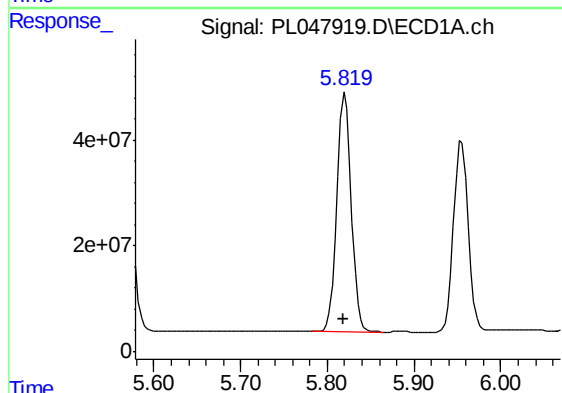
Manual Integrations
APPROVED

mohammad
4/29/2019 4:33:09 PM



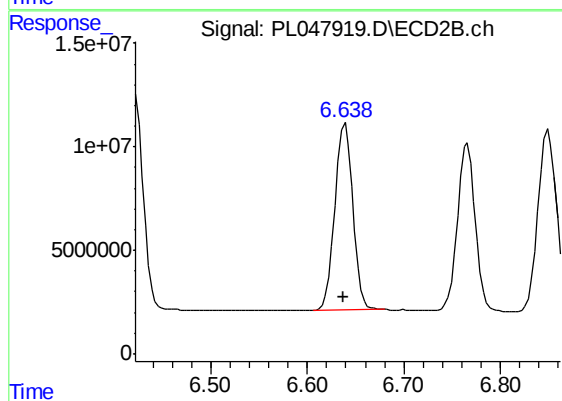
#13 Dieldrin

R.T.: 6.420 min
Delta R.T.: 0.000 min
Response: 134008817
Conc: 45.84 ng/ml m



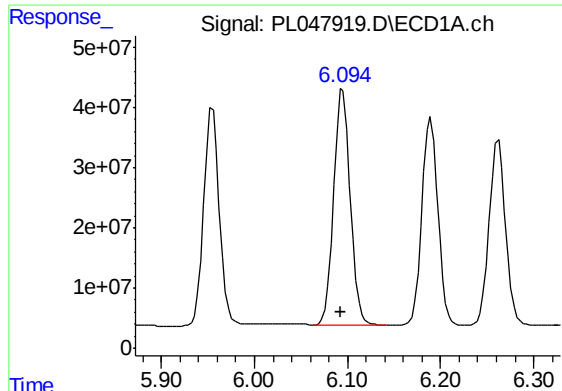
#14 Endrin

R.T.: 5.821 min
Delta R.T.: 0.002 min
Response: 524203557
Conc: 44.11 ng/ml



#14 Endrin

R.T.: 6.639 min
Delta R.T.: 0.002 min
Response: 114983010
Conc: 45.01 ng/ml



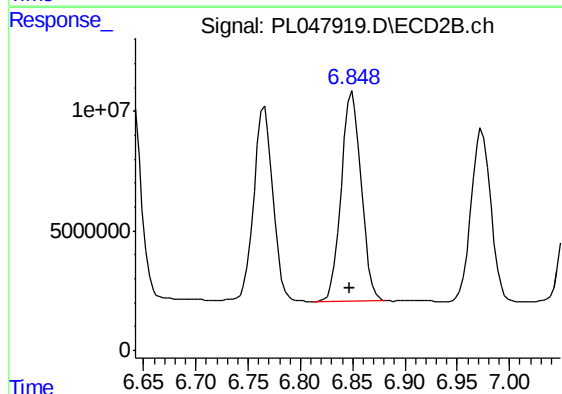
#15 Endosulfan II

R.T.: 6.095 min
Delta R.T.: 0.002 min
Response: 483779320
Conc: 43.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-004-B163-042319MS

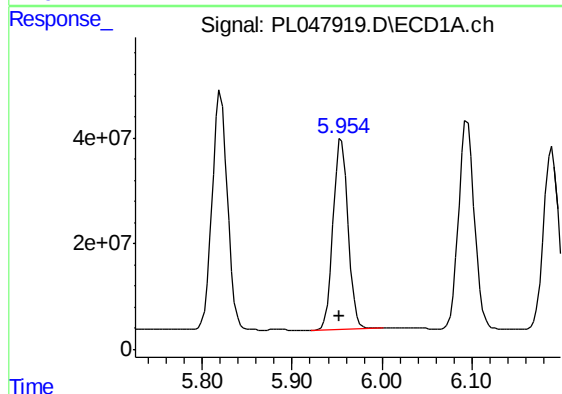
Manual Integrations
APPROVED

mohammad
4/29/2019 4:33:09 PM



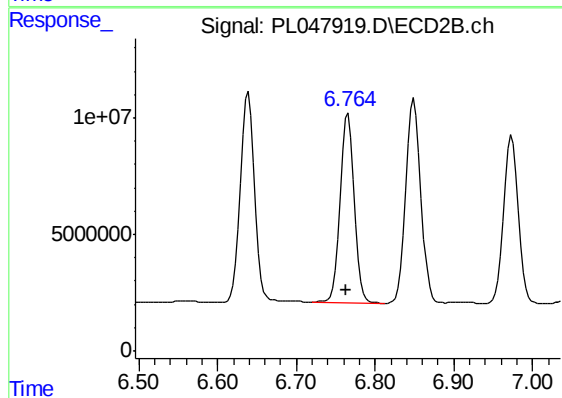
#15 Endosulfan II

R.T.: 6.850 min
Delta R.T.: 0.002 min
Response: 116523985
Conc: 44.41 ng/ml



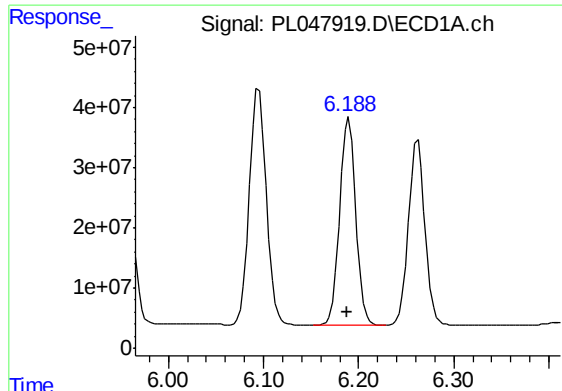
#16 4,4'-DDD

R.T.: 5.955 min
Delta R.T.: 0.002 min
Response: 418751279
Conc: 42.59 ng/ml



#16 4,4'-DDD

R.T.: 6.766 min
Delta R.T.: 0.002 min
Response: 103491831
Conc: 46.10 ng/ml



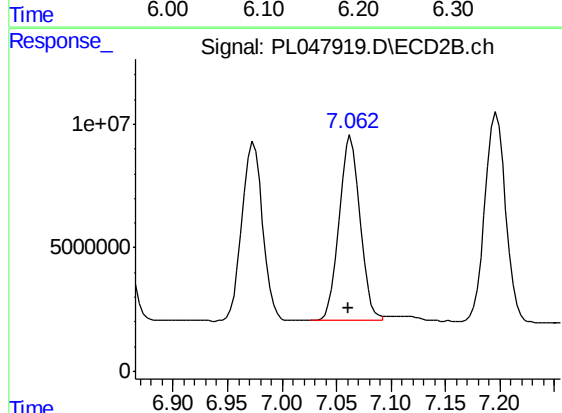
#17 4,4'-DDT

R.T.: 6.190 min
Delta R.T.: 0.001 min
Response: 409835496
Conc: 41.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-004-B163-042319MS

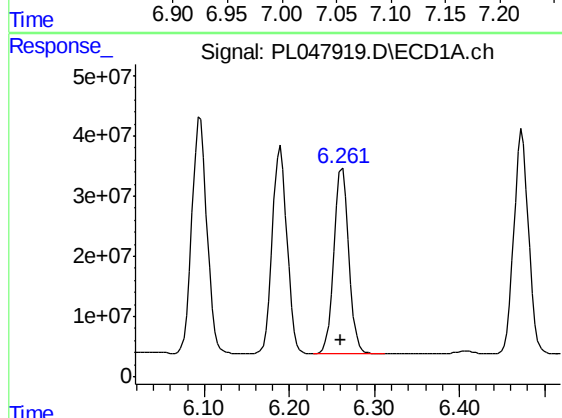
Manual Integrations
APPROVED

mohammad
4/29/2019 4:33:09 PM



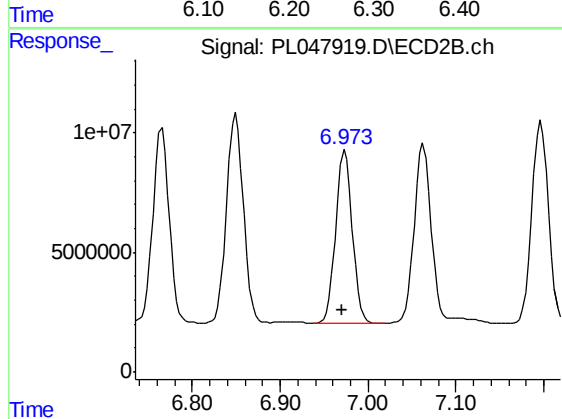
#17 4,4'-DDT

R.T.: 7.062 min
Delta R.T.: 0.001 min
Response: 100059431
Conc: 42.00 ng/ml m



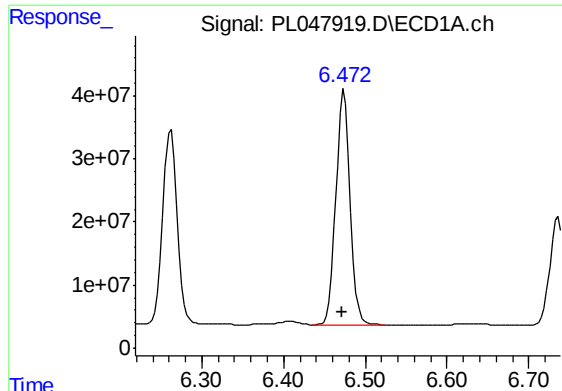
#18 Endrin aldehyde

R.T.: 6.262 min
Delta R.T.: 0.002 min
Response: 376083802
Conc: 39.86 ng/ml



#18 Endrin aldehyde

R.T.: 6.974 min
Delta R.T.: 0.003 min
Response: 94905989
Conc: 41.08 ng/ml



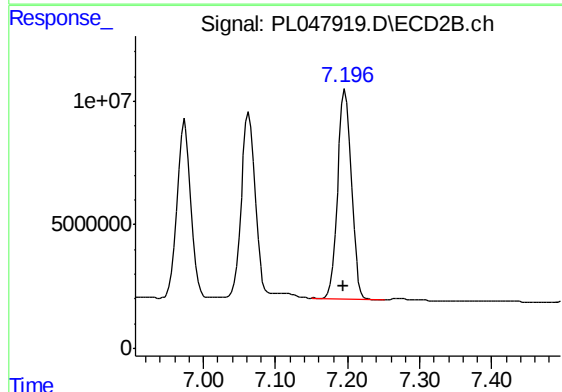
#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: 0.002 min
Response: 449317890
Conc: 40.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-004-B163-042319MS

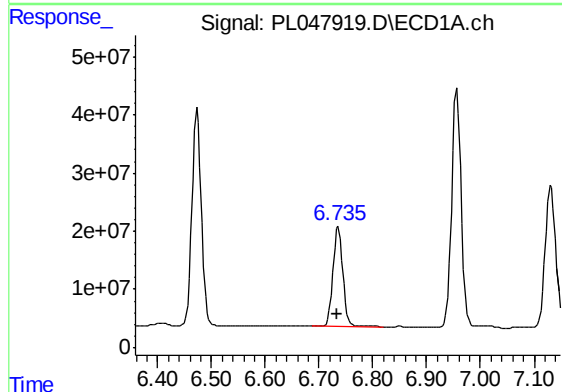
Manual Integrations
APPROVED

mohammad
4/29/2019 4:33:09 PM



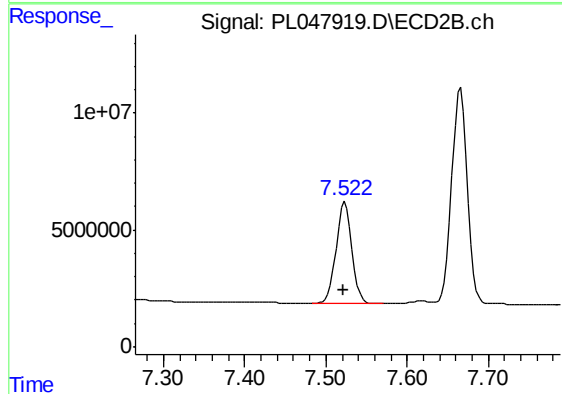
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: 0.003 min
Response: 111589022
Conc: 40.75 ng/ml



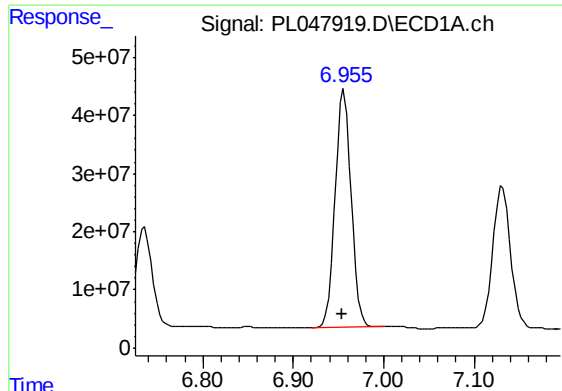
#20 Methoxychlor

R.T.: 6.736 min
Delta R.T.: 0.002 min
Response: 218722196
Conc: 41.12 ng/ml



#20 Methoxychlor

R.T.: 7.524 min
Delta R.T.: 0.003 min
Response: 58499256
Conc: 41.72 ng/ml



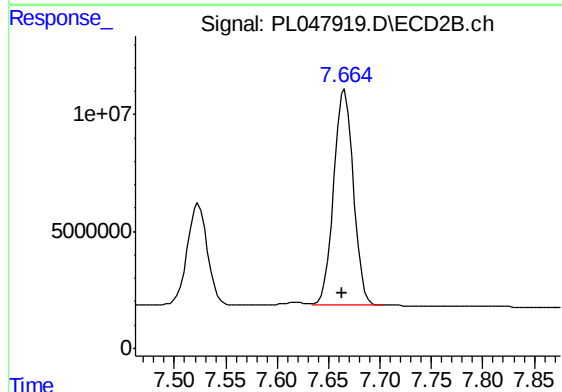
#21 Endrin ketone

R.T.: 6.956 min
Delta R.T.: 0.002 min
Response: 497376836
Conc: 41.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-004-B163-042319MS

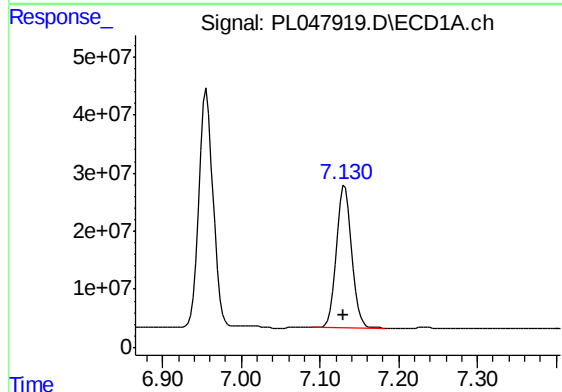
Manual Integrations
APPROVED

mohammad
4/29/2019 4:33:09 PM



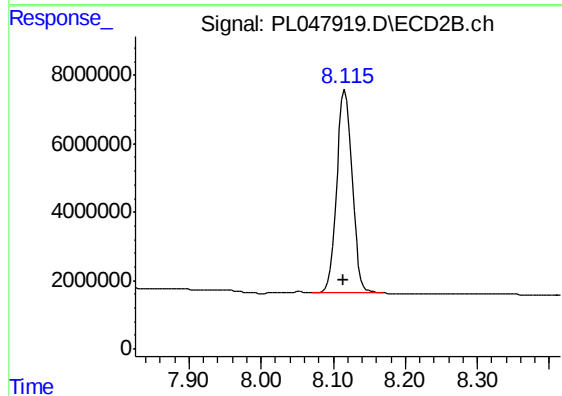
#21 Endrin ketone

R.T.: 7.666 min
Delta R.T.: 0.003 min
Response: 123500690
Conc: 43.92 ng/ml



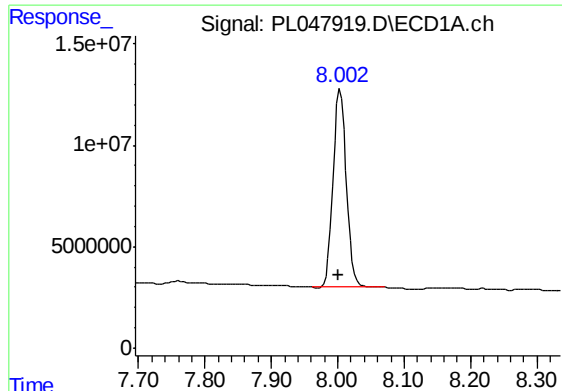
#22 Mirex

R.T.: 7.131 min
Delta R.T.: 0.002 min
Response: 334035308
Conc: 35.59 ng/ml



#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.003 min
Response: 88515252
Conc: 38.04 ng/ml



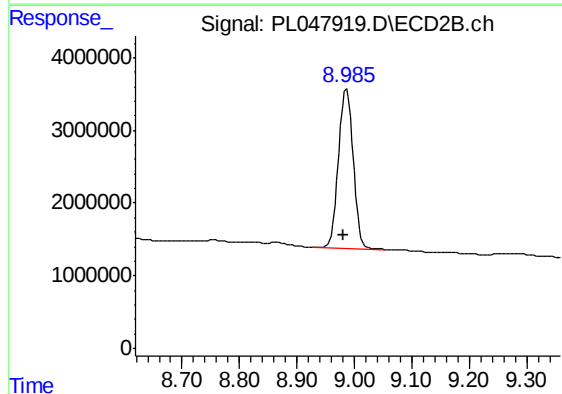
#28 Decachlorobiphenyl

R.T.: 8.004 min
Delta R.T.: 0.002 min
Response: 135390046
Conc: 12.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-004-B163-042319MS

Manual Integrations
APPROVED

mohammad
4/29/2019 4:33:09 PM



#28 Decachlorobiphenyl

R.T.: 8.986 min
Delta R.T.: 0.004 min
Response: 39271712
Conc: 13.76 ng/ml