

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL043019\
 Data File : PL048070.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 May 2019 08:46
 Operator : AJ\SJ
 Sample : K2194-11MS 10X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleID :
 JC-03-042919-FMS

Manual Integrations
 APPROVED

mohammad
 5/1/2019 3:40:18 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 01 09:22:49 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...	3.328	3.939	21676571	5153379	2.344	2.159
28)	SA Decachlor...	7.997	8.975	18546091	4464092	1.657	1.564
Target Compounds							
2)	A alpha-BHC	3.756	4.328	52335821	15859253	3.580	4.779 #
3)	MA gamma-BHC...	4.032	4.610	50060718	15809293	3.777	5.040m#
4)	MA Heptachlor	4.317	5.116	63798108	17463859	4.478	5.196
5)	MB Aldrin	4.557	5.417	25065199	14792037	1.800	4.740m#
6)	B beta-BHC	4.286	4.786	33147876	18249220	5.867	12.666 #
7)	B delta-BHC	4.478	4.999	43634154	8343102	3.359m	3.321m
8)	B Heptachlor...	4.993	5.804	55543708	12631190	4.334	4.520
9)	A Endosulfan I	5.324	6.160	38231273	12519419	3.161	4.458 #
10)	B gamma-Chl...	5.215	6.037	51614883	16191467	3.877	5.350m#
11)	B alpha-Chl...	5.271	6.109	33485430	17209144	2.566	5.688m#
12)	B 4,4'-DDE	5.439	6.269	41073571	13907366	3.302	5.036 #
13)	MA Dieldrin	5.562	6.415	47924538	17327758	3.692	5.927 #
14)	MA Endrin	5.815	6.633	38824814	8112735	3.267	3.176
15)	B Endosulfa...	6.090	6.844	37713190	9817448	3.368	3.742
16)	A 4,4'-DDD	5.948	6.759	31319881	9683159	3.185m	4.313 #
17)	MA 4,4'-DDT	6.183	7.057	40534932	15042973	4.066	6.315 #
18)	B Endrin al...	6.271	6.967	99167191	13486307	10.510	5.837 #
19)	B Endosulfa...	6.487	7.195	491.5E6	31535700	44.094m	11.516m#
20)	A Methoxychlor	6.729	7.515	18417206	8929982	3.463	6.369m#
21)	B Endrin ke...	6.949	7.658	28314294	10610516	2.388	3.774 #
22)	Mirex	7.125	8.109	25805109	11931100	2.749	5.128 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL043019\
Data File : PL048070.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 May 2019 08:46
Operator : AJ\SJ
Sample : K2194-11MS 10X
Misc :
ALS Vial : 50 Sample Multiplier: 1

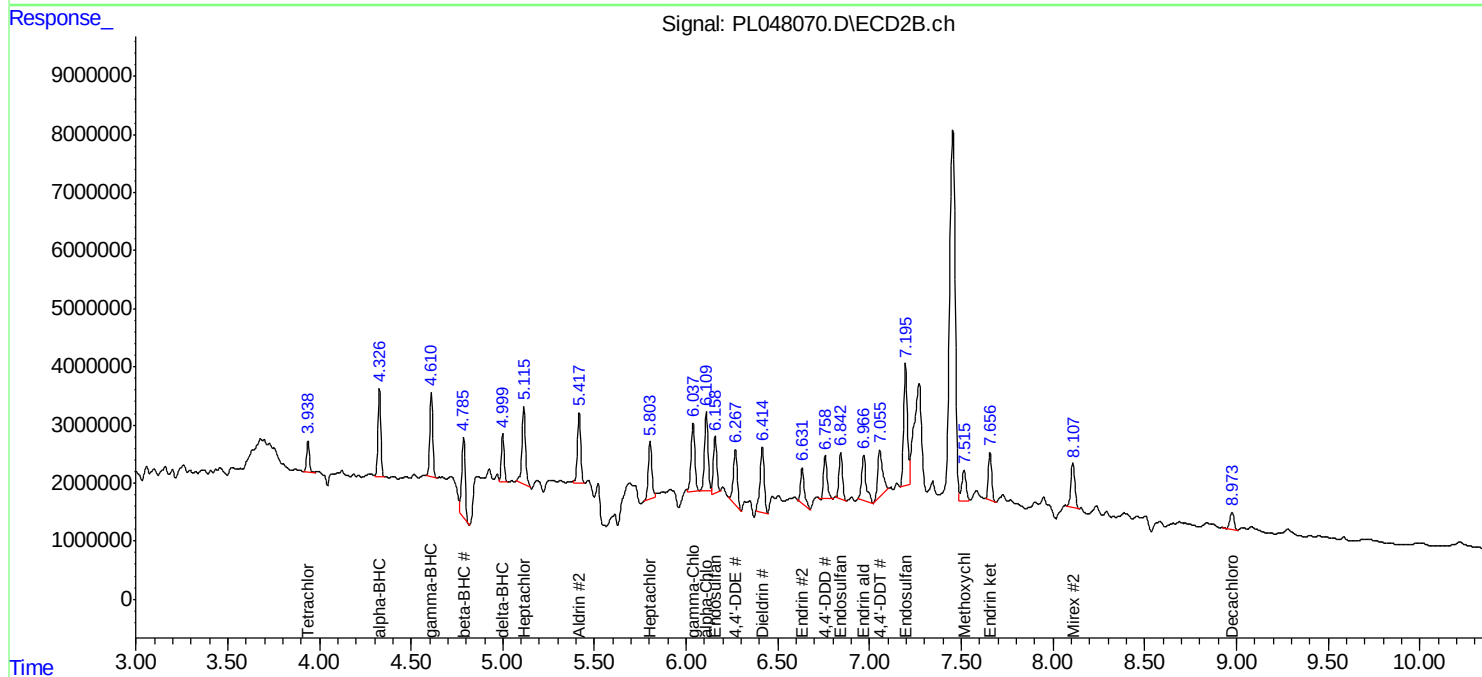
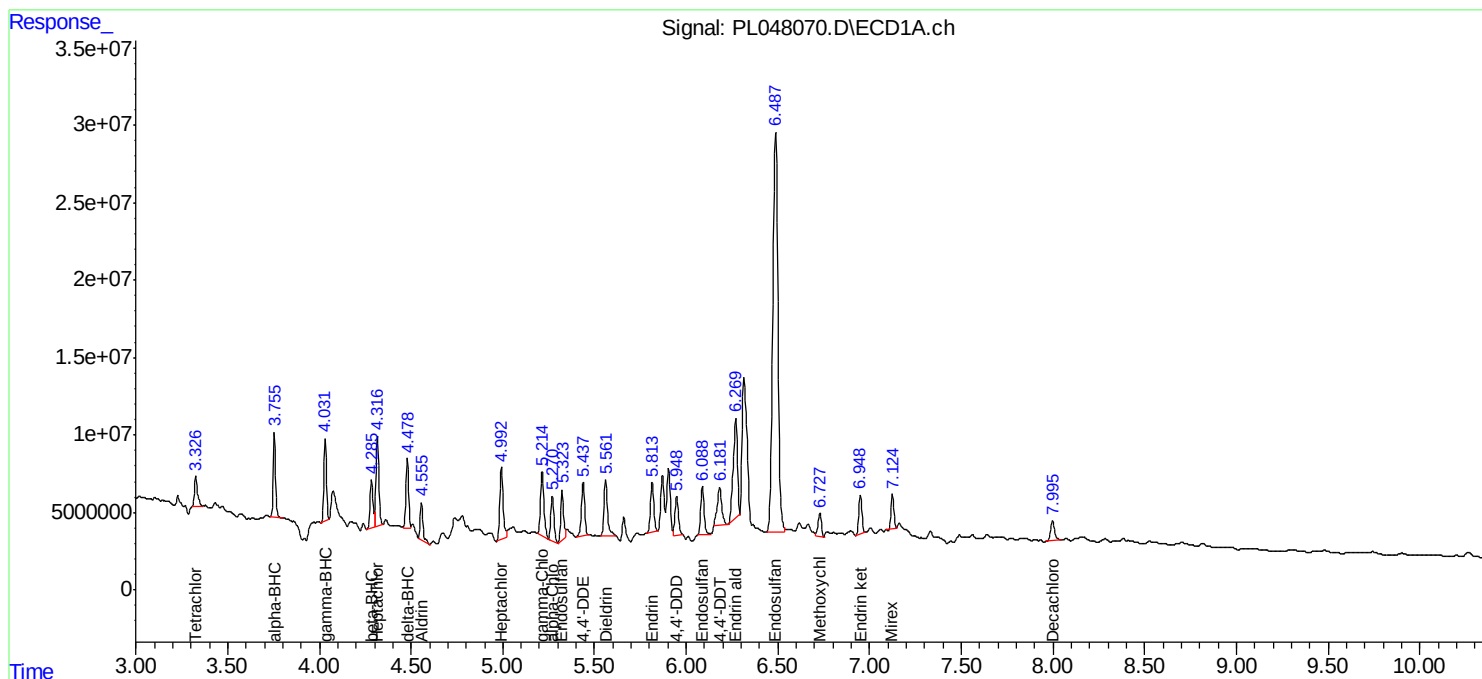
Instrument :
ECD_L
ClientSampled :
JC-03-042919-FMS

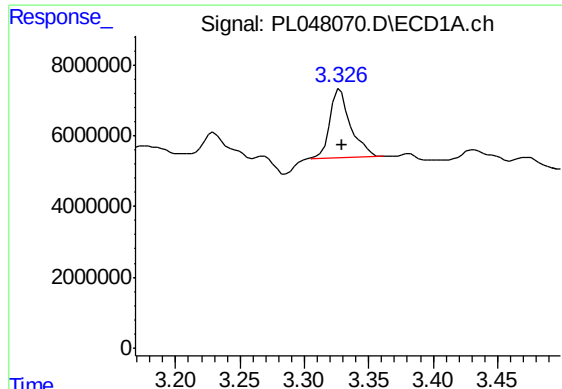
Manual Integrations
APPROVED

mohammad
5/1/2019 3:40:18 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 09:22:49 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





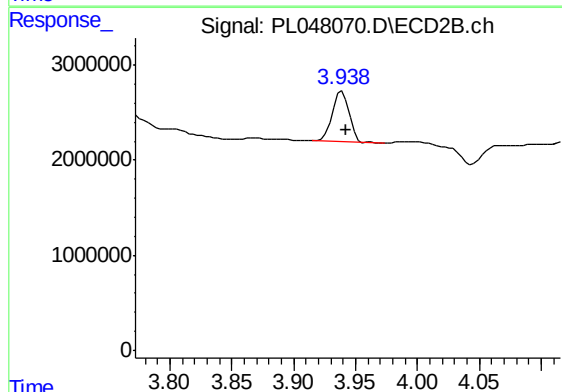
#1 Tetrachloro-m-xylene

R.T.: 3.328 min
Delta R.T.: -0.001 min
Response: 21676571
Conc: 2.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-042919-FMS

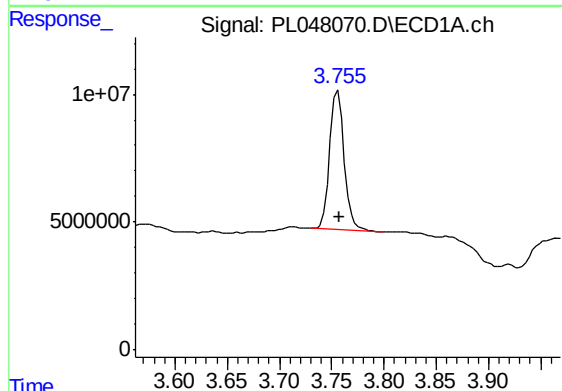
Manual Integrations
APPROVED

mohammad
5/1/2019 3:40:18 PM



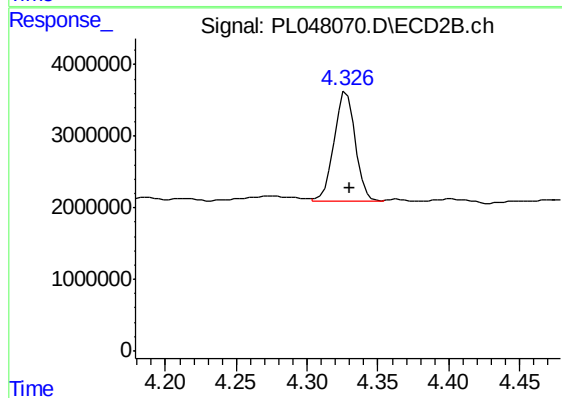
#1 Tetrachloro-m-xylene

R.T.: 3.939 min
Delta R.T.: -0.002 min
Response: 5153379
Conc: 2.16 ng/ml



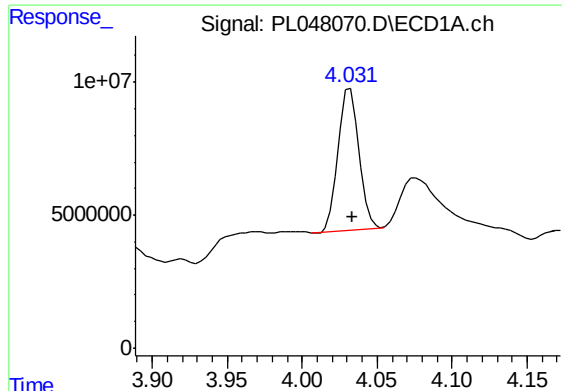
#2 alpha-BHC

R.T.: 3.756 min
Delta R.T.: -0.001 min
Response: 52335821
Conc: 3.58 ng/ml



#2 alpha-BHC

R.T.: 4.328 min
Delta R.T.: -0.002 min
Response: 15859253
Conc: 4.78 ng/ml



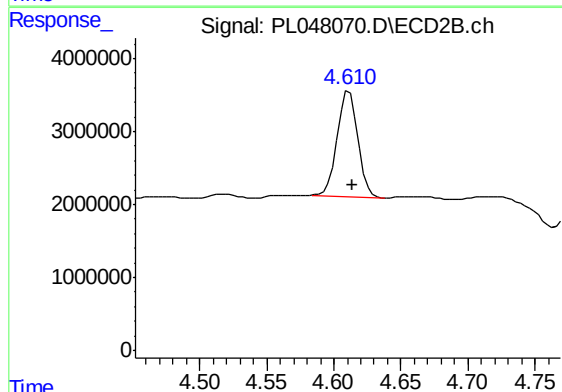
#3 gamma-BHC (Lindane)

R.T.: 4.032 min
Delta R.T.: -0.002 min
Response: 50060718
Conc: 3.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-042919-FMS

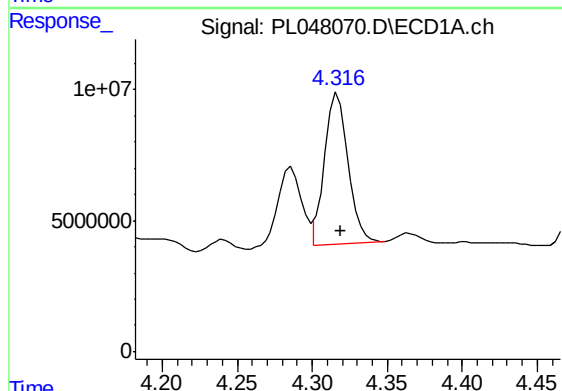
Manual Integrations
APPROVED

mohammad
5/1/2019 3:40:18 PM



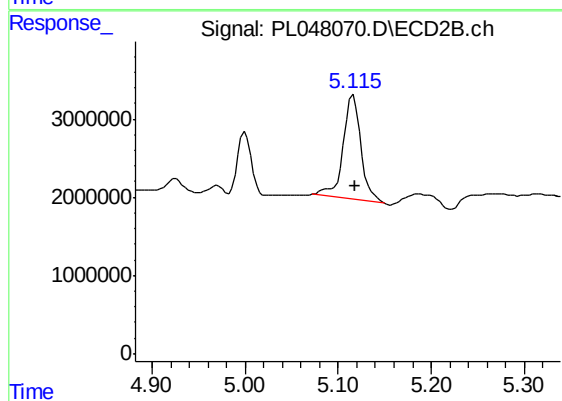
#3 gamma-BHC (Lindane)

R.T.: 4.610 min
Delta R.T.: -0.004 min
Response: 15809293
Conc: 5.04 ng/ml m



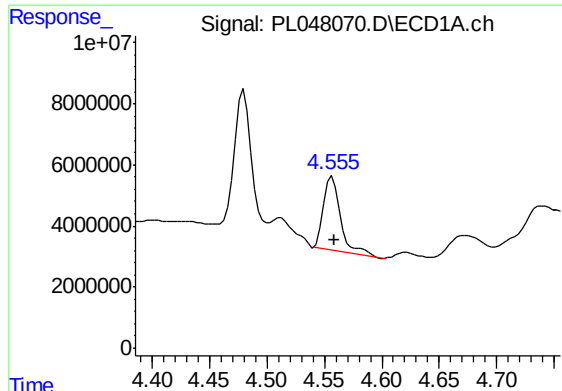
#4 Heptachlor

R.T.: 4.317 min
Delta R.T.: -0.002 min
Response: 63798108
Conc: 4.48 ng/ml



#4 Heptachlor

R.T.: 5.116 min
Delta R.T.: -0.002 min
Response: 17463859
Conc: 5.20 ng/ml



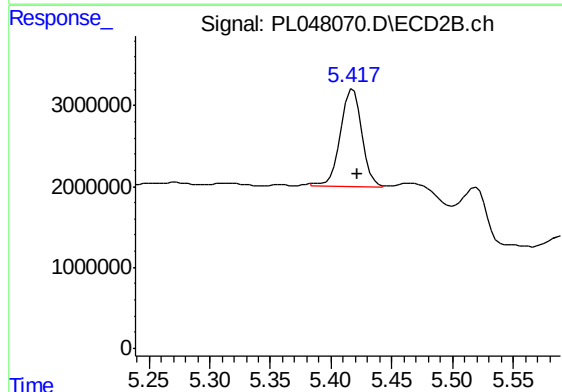
#5 Aldrin

R.T.: 4.557 min
Delta R.T.: -0.002 min
Response: 25065199
Conc: 1.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-042919-FMS

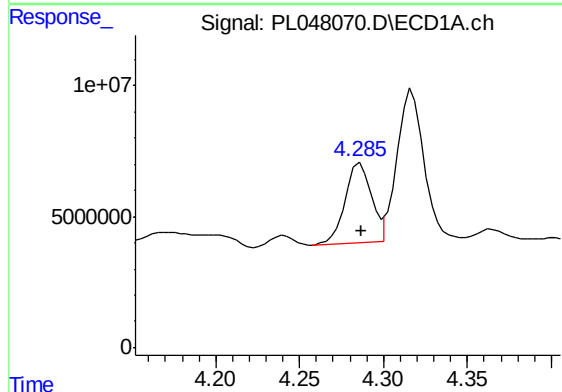
Manual Integrations
APPROVED

mohammad
5/1/2019 3:40:18 PM



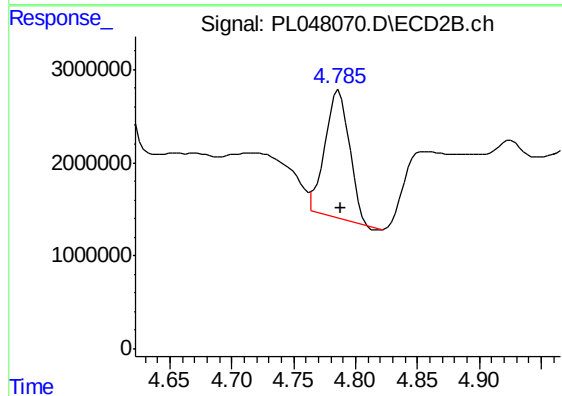
#5 Aldrin

R.T.: 5.417 min
Delta R.T.: -0.005 min
Response: 14792037
Conc: 4.74 ng/ml m



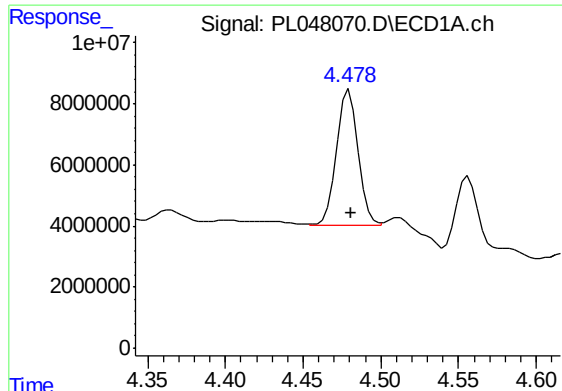
#6 beta-BHC

R.T.: 4.286 min
Delta R.T.: 0.000 min
Response: 33147876
Conc: 5.87 ng/ml



#6 beta-BHC

R.T.: 4.786 min
Delta R.T.: -0.002 min
Response: 18249220
Conc: 12.67 ng/ml



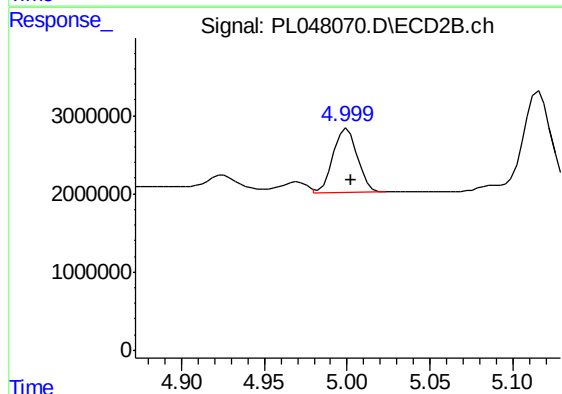
#7 delta-BHC

R.T.: 4.478 min
Delta R.T.: -0.003 min
Response: 43634154
Conc: 3.36 ng/ml m

Instrument :
ECD_L
ClientSampleId :
JC-03-042919-FMS

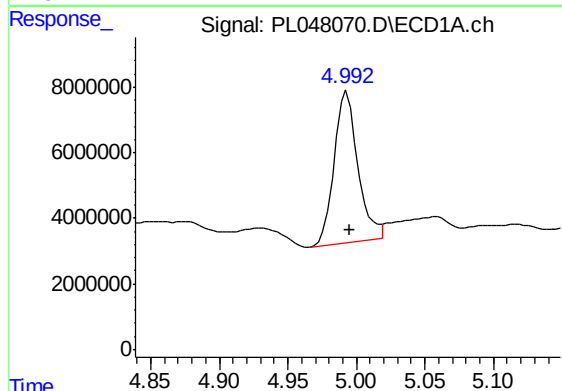
Manual Integrations
APPROVED

mohammad
5/1/2019 3:40:18 PM



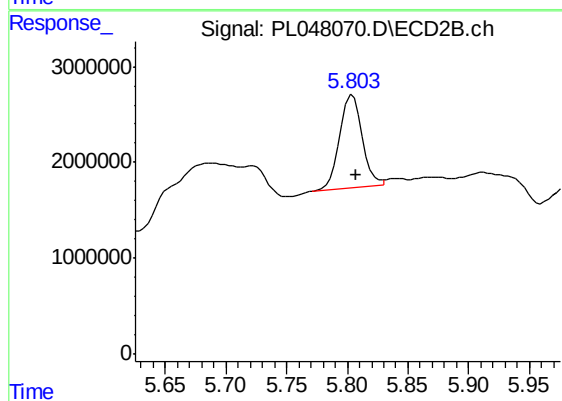
#7 delta-BHC

R.T.: 4.999 min
Delta R.T.: -0.004 min
Response: 8343102
Conc: 3.32 ng/ml m



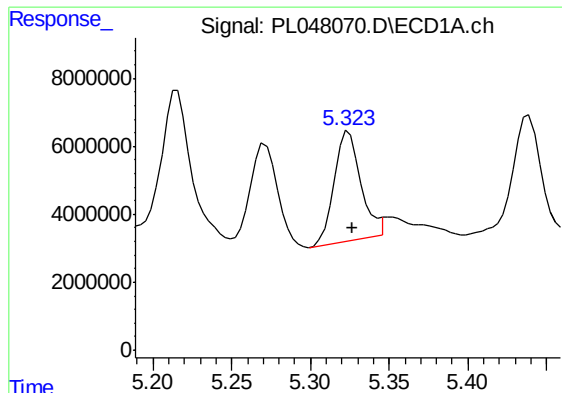
#8 Heptachlor epoxide

R.T.: 4.993 min
Delta R.T.: -0.002 min
Response: 55543708
Conc: 4.33 ng/ml



#8 Heptachlor epoxide

R.T.: 5.804 min
Delta R.T.: -0.003 min
Response: 12631190
Conc: 4.52 ng/ml



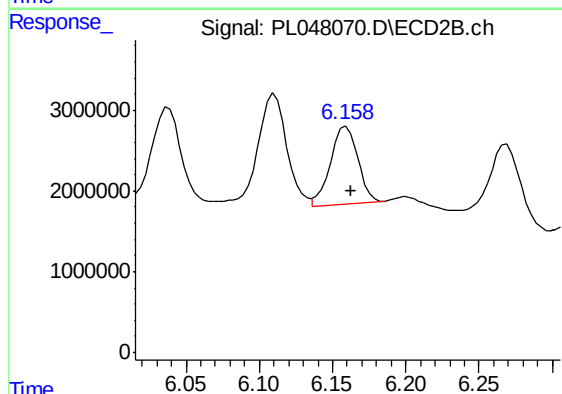
#9 Endosulfan I

R.T.: 5.324 min
Delta R.T.: -0.002 min
Response: 38231273
Conc: 3.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-042919-FMS

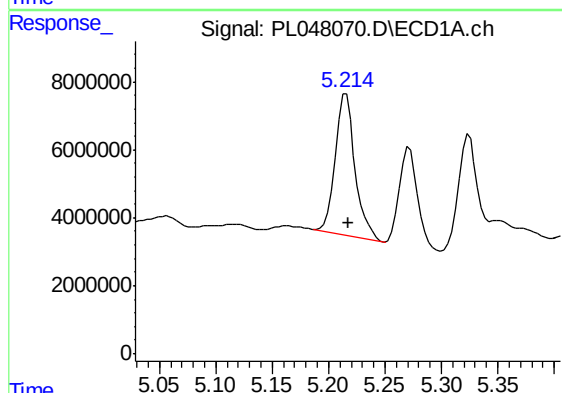
Manual Integrations
APPROVED

mohammad
5/1/2019 3:40:18 PM



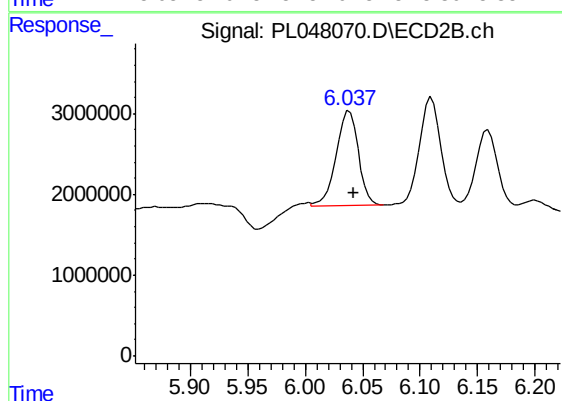
#9 Endosulfan I

R.T.: 6.160 min
Delta R.T.: -0.004 min
Response: 12519419
Conc: 4.46 ng/ml



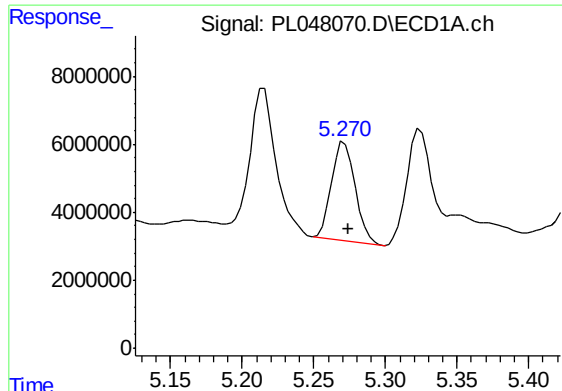
#10 gamma-Chlordane

R.T.: 5.215 min
Delta R.T.: -0.003 min
Response: 51614883
Conc: 3.88 ng/ml



#10 gamma-Chlordane

R.T.: 6.037 min
Delta R.T.: -0.005 min
Response: 16191467
Conc: 5.35 ng/ml m



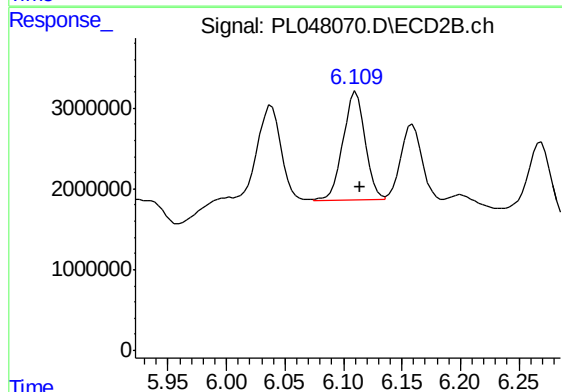
#11 alpha-Chlordane

R.T.: 5.271 min
Delta R.T.: -0.003 min
Response: 33485430
Conc: 2.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-042919-FMS

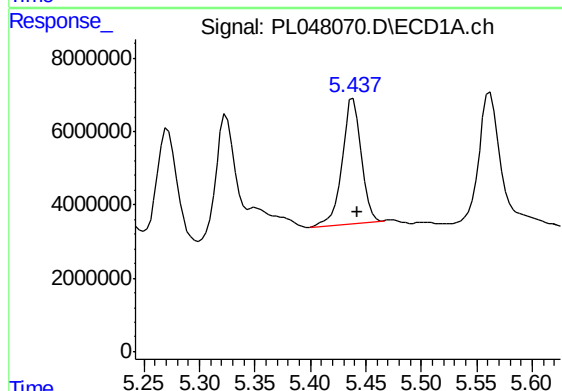
Manual Integrations
APPROVED

mohammad
5/1/2019 3:40:18 PM



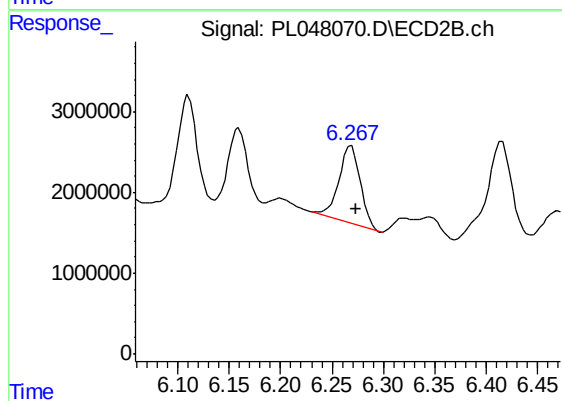
#11 alpha-Chlordane

R.T.: 6.109 min
Delta R.T.: -0.005 min
Response: 17209144
Conc: 5.69 ng/ml m



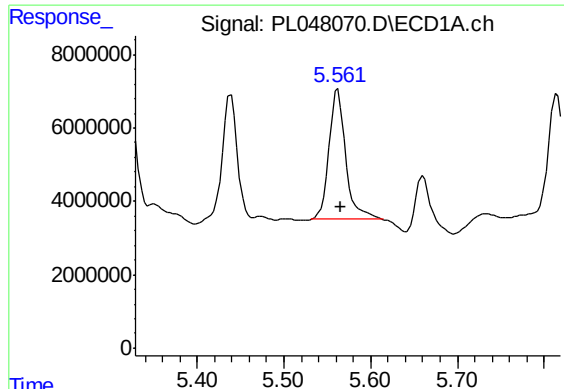
#12 4,4'-DDE

R.T.: 5.439 min
Delta R.T.: -0.003 min
Response: 41073571
Conc: 3.30 ng/ml



#12 4,4'-DDE

R.T.: 6.269 min
Delta R.T.: -0.004 min
Response: 13907366
Conc: 5.04 ng/ml



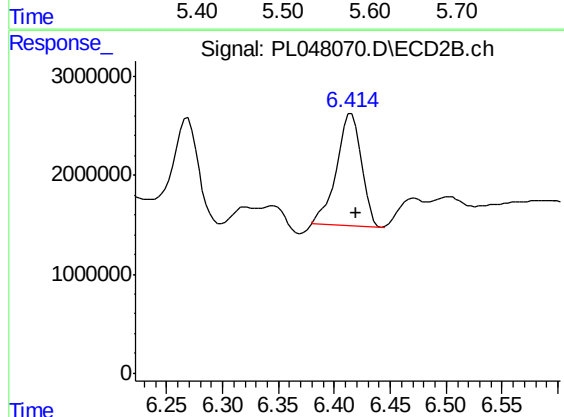
#13 Dielldrin

R.T.: 5.562 min
Delta R.T.: -0.004 min
Response: 47924538
Conc: 3.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-042919-FMS

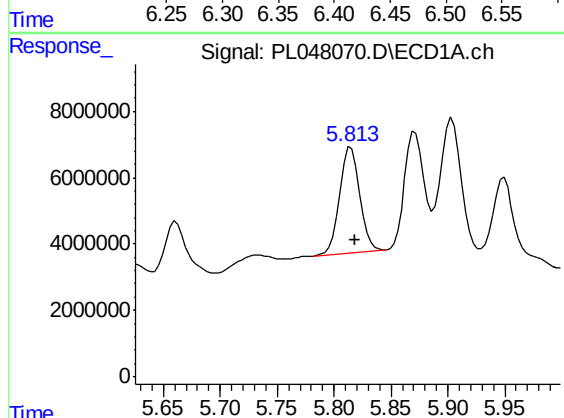
Manual Integrations
APPROVED

mohammad
5/1/2019 3:40:18 PM



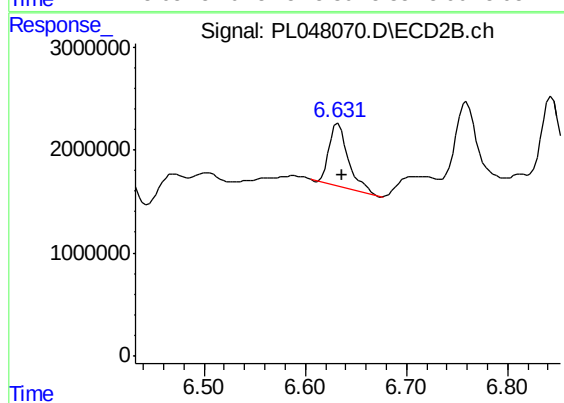
#13 Dielldrin

R.T.: 6.415 min
Delta R.T.: -0.005 min
Response: 17327758
Conc: 5.93 ng/ml



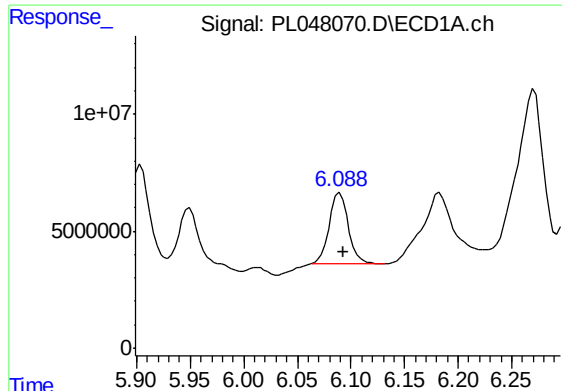
#14 Endrin

R.T.: 5.815 min
Delta R.T.: -0.003 min
Response: 38824814
Conc: 3.27 ng/ml



#14 Endrin

R.T.: 6.633 min
Delta R.T.: -0.004 min
Response: 8112735
Conc: 3.18 ng/ml



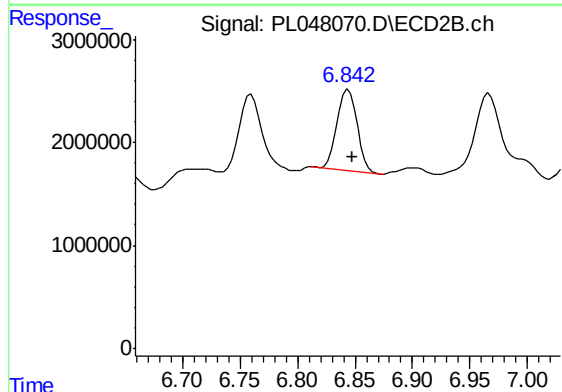
#15 Endosulfan II

R.T.: 6.090 min
Delta R.T.: -0.003 min
Response: 37713190
Conc: 3.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-042919-FMS

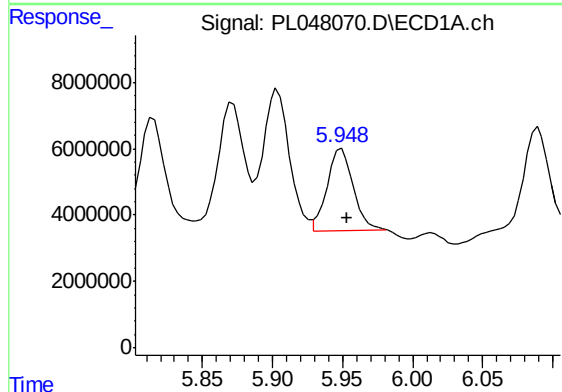
Manual Integrations
APPROVED

mohammad
5/1/2019 3:40:18 PM



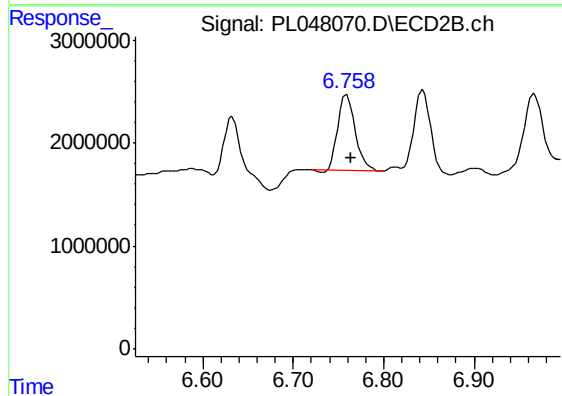
#15 Endosulfan II

R.T.: 6.844 min
Delta R.T.: -0.004 min
Response: 9817448
Conc: 3.74 ng/ml



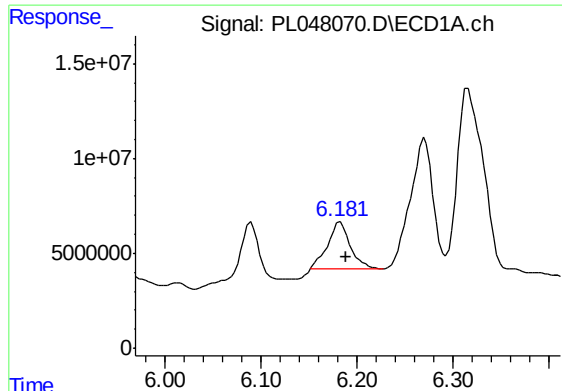
#16 4,4'-DDD

R.T.: 5.948 min
Delta R.T.: -0.006 min
Response: 31319881
Conc: 3.19 ng/ml m



#16 4,4'-DDD

R.T.: 6.759 min
Delta R.T.: -0.004 min
Response: 9683159
Conc: 4.31 ng/ml



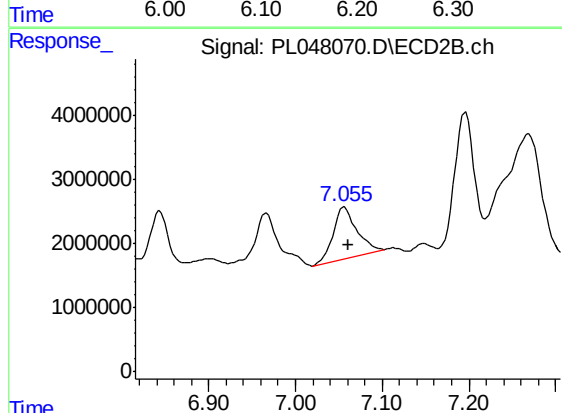
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.006 min
Response: 40534932
Conc: 4.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-042919-FMS

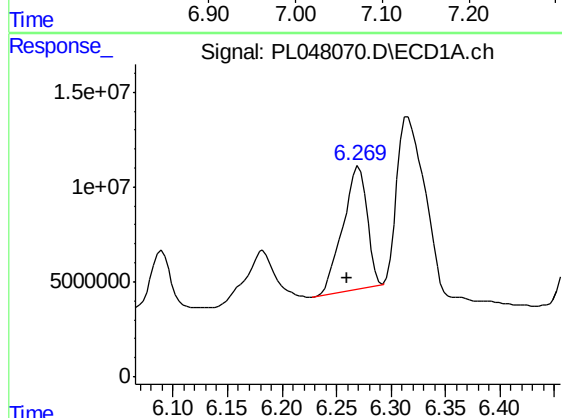
Manual Integrations
APPROVED

mohammad
5/1/2019 3:40:18 PM



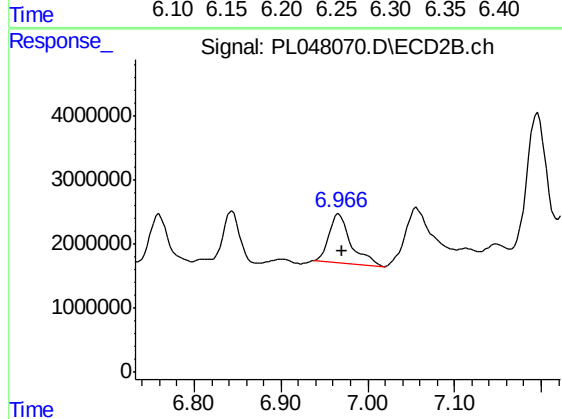
#17 4,4'-DDT

R.T.: 7.057 min
Delta R.T.: -0.004 min
Response: 15042973
Conc: 6.31 ng/ml



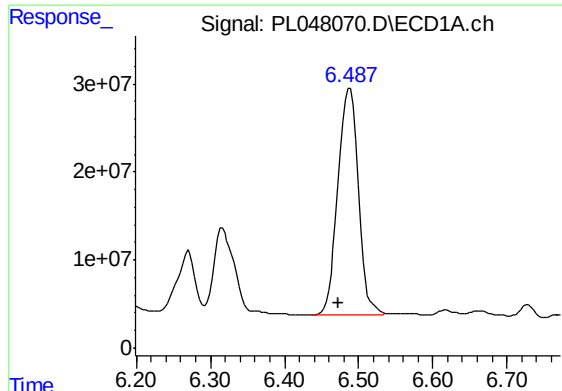
#18 Endrin aldehyde

R.T.: 6.271 min
Delta R.T.: 0.010 min
Response: 99167191
Conc: 10.51 ng/ml



#18 Endrin aldehyde

R.T.: 6.967 min
Delta R.T.: -0.004 min
Response: 13486307
Conc: 5.84 ng/ml



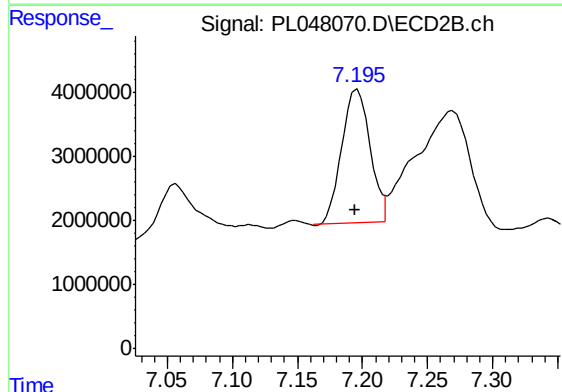
#19 Endosulfan Sulfate

R.T.: 6.487 min
Delta R.T.: 0.015 min
Response: 491487459
Conc: 44.09 ng/ml m

Instrument :
ECD_L
ClientSampleId :
JC-03-042919-FMS

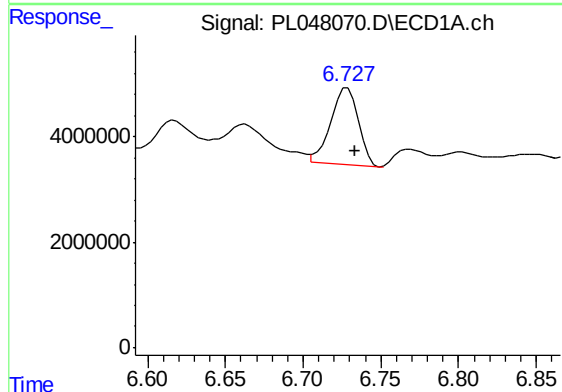
Manual Integrations
APPROVED

mohammad
5/1/2019 3:40:18 PM



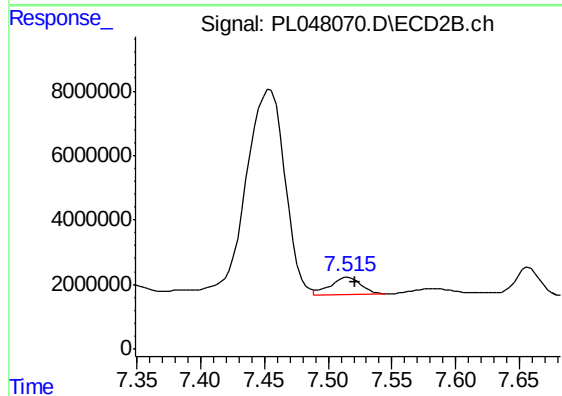
#19 Endosulfan Sulfate

R.T.: 7.195 min
Delta R.T.: 0.000 min
Response: 31535700
Conc: 11.52 ng/ml m



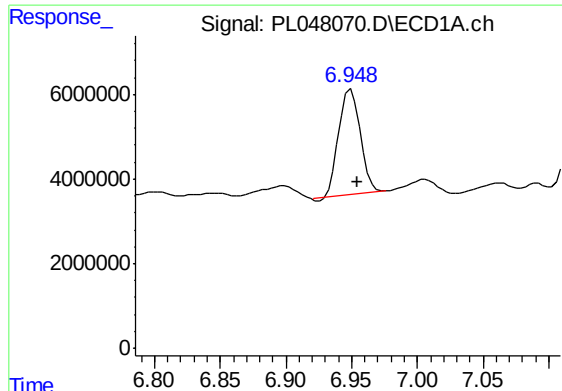
#20 Methoxychlor

R.T.: 6.729 min
Delta R.T.: -0.005 min
Response: 18417206
Conc: 3.46 ng/ml



#20 Methoxychlor

R.T.: 7.515 min
Delta R.T.: -0.006 min
Response: 8929982
Conc: 6.37 ng/ml m



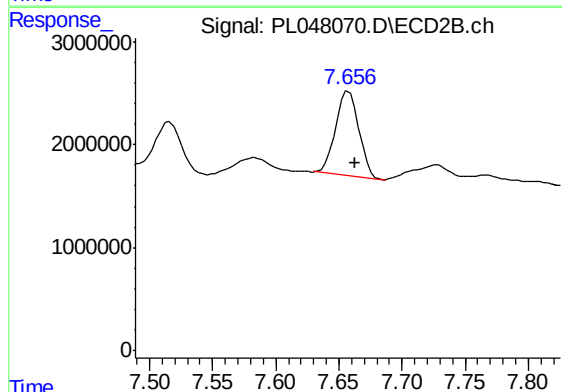
#21 Endrin ketone

R.T.: 6.949 min
Delta R.T.: -0.005 min
Response: 28314294
Conc: 2.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-042919-FMS

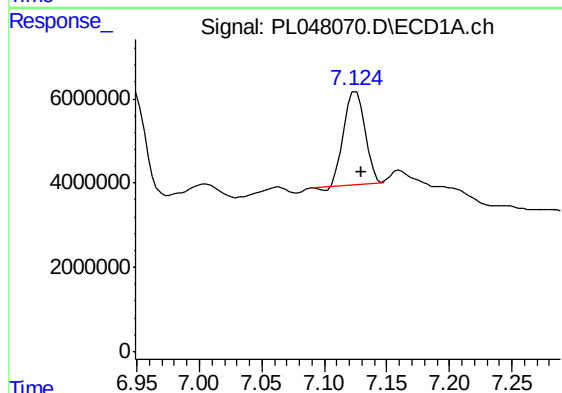
Manual Integrations
APPROVED

mohammad
5/1/2019 3:40:18 PM



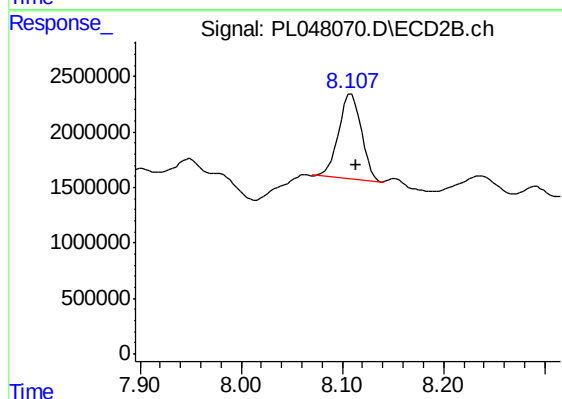
#21 Endrin ketone

R.T.: 7.658 min
Delta R.T.: -0.005 min
Response: 10610516
Conc: 3.77 ng/ml



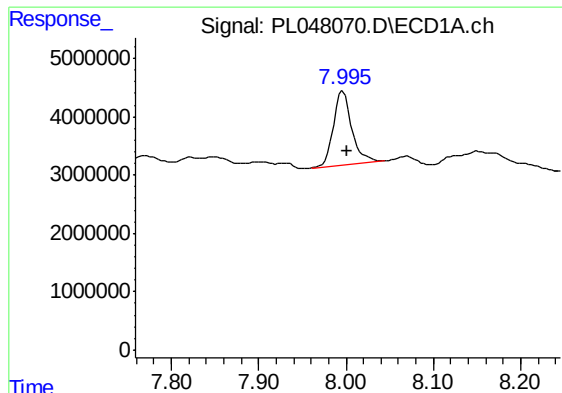
#22 Mirex

R.T.: 7.125 min
Delta R.T.: -0.004 min
Response: 25805109
Conc: 2.75 ng/ml



#22 Mirex

R.T.: 8.109 min
Delta R.T.: -0.005 min
Response: 11931100
Conc: 5.13 ng/ml



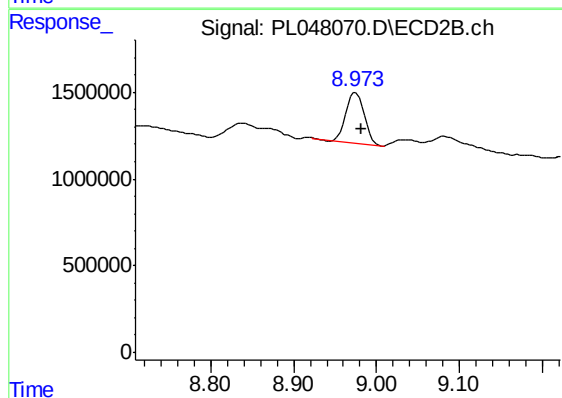
#28 Decachlorobiphenyl

R.T.: 7.997 min
Delta R.T.: -0.005 min
Response: 18546091
Conc: 1.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-042919-FMS

Manual Integrations
APPROVED

mohammad
5/1/2019 3:40:18 PM



#28 Decachlorobiphenyl

R.T.: 8.975 min
Delta R.T.: -0.007 min
Response: 4464092
Conc: 1.56 ng/ml