

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL043019\
 Data File : PL048071.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 May 2019 09:01
 Operator : AJ\SJ
 Sample : K2194-11MSD 10X
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

mohammad
 5/1/2019 3:40:21 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 01 09:23:00 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	20217594	4857694	2.186	2.035
28)	SA Decachlor...	7.996	8.975	21478351	3690468	1.919	1.293 #
Target Compounds							
2)	A alpha-BHC	3.756	4.328	48898541	14704999	3.345	4.431 #
3)	MA gamma-BHC...	4.032	4.611	45613935	14500949	3.441	4.623 #
4)	MA Heptachlor	4.317	5.116	58672744	16354497	4.118	4.866
5)	MB Aldrin	4.556	5.416	22851240	13484795	1.641	4.321m#
6)	B beta-BHC	4.286	4.786	30837403	16190987	5.458	11.237 #
7)	B delta-BHC	4.477	4.998	39005511	7789370	3.003m	3.101m
8)	B Heptachlor...	4.993	5.803	52276526	11863210	4.079	4.245
9)	A Endosulfan I	5.324	6.159	36224249	10724835	2.995	3.819 #
10)	B gamma-Chl...	5.215	6.036	48714704	15237392	3.659	5.035m#
11)	B alpha-Chl...	5.271	6.109	31459480	15953073	2.411	5.273 #
12)	B 4,4'-DDE	5.439	6.268	41699895	12987540	3.352	4.703 #
13)	MA Dieldrin	5.562	6.414	44123601	14789880	3.399	5.059 #
14)	MA Endrin	5.815	6.633	35826804	6814460	3.015	2.668
15)	B Endosulfa...	6.090	6.843	34877977	8786553	3.115	3.349
16)	A 4,4'-DDD	5.949	6.759	19594666	9025956	1.993	4.020 #
17)	MA 4,4'-DDT	6.183	7.058	40699659	14475282	4.082	6.076 #
18)	B Endrin al...	6.270	6.967	91605887	12117063	9.709	5.245 #
19)	B Endosulfa...	6.486	7.194	458.8E6	29715696	41.164m	10.851m#
20)	A Methoxychlor	6.728	7.514	16610241	6449378	3.123	4.600m#
21)	B Endrin ke...	6.950	7.658	26812407	8975000	2.261	3.192 #
22)	Mirex	7.125	8.108	24877693	10625655	2.650	4.567 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL043019\
Data File : PL048071.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 May 2019 09:01
Operator : AJ\SJ
Sample : K2194-11MSD 10X
Misc :
ALS Vial : 51 Sample Multiplier: 1

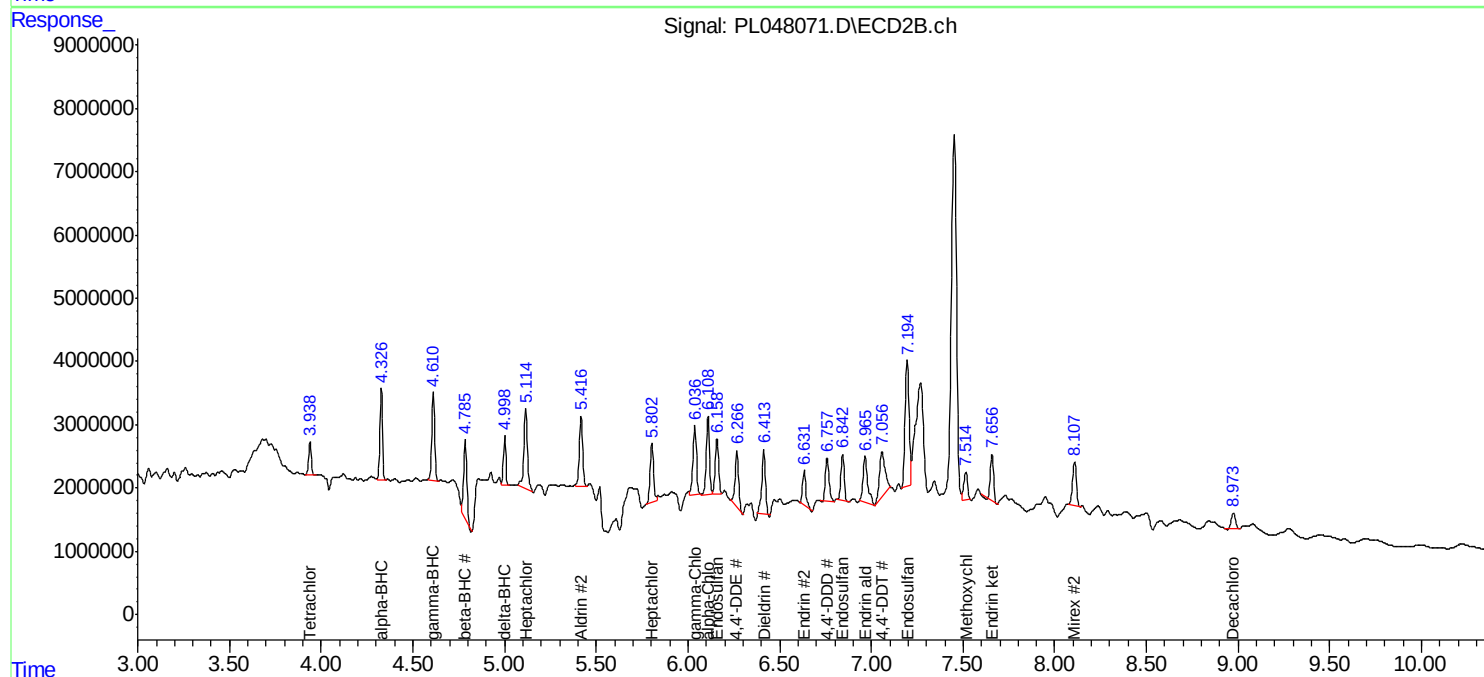
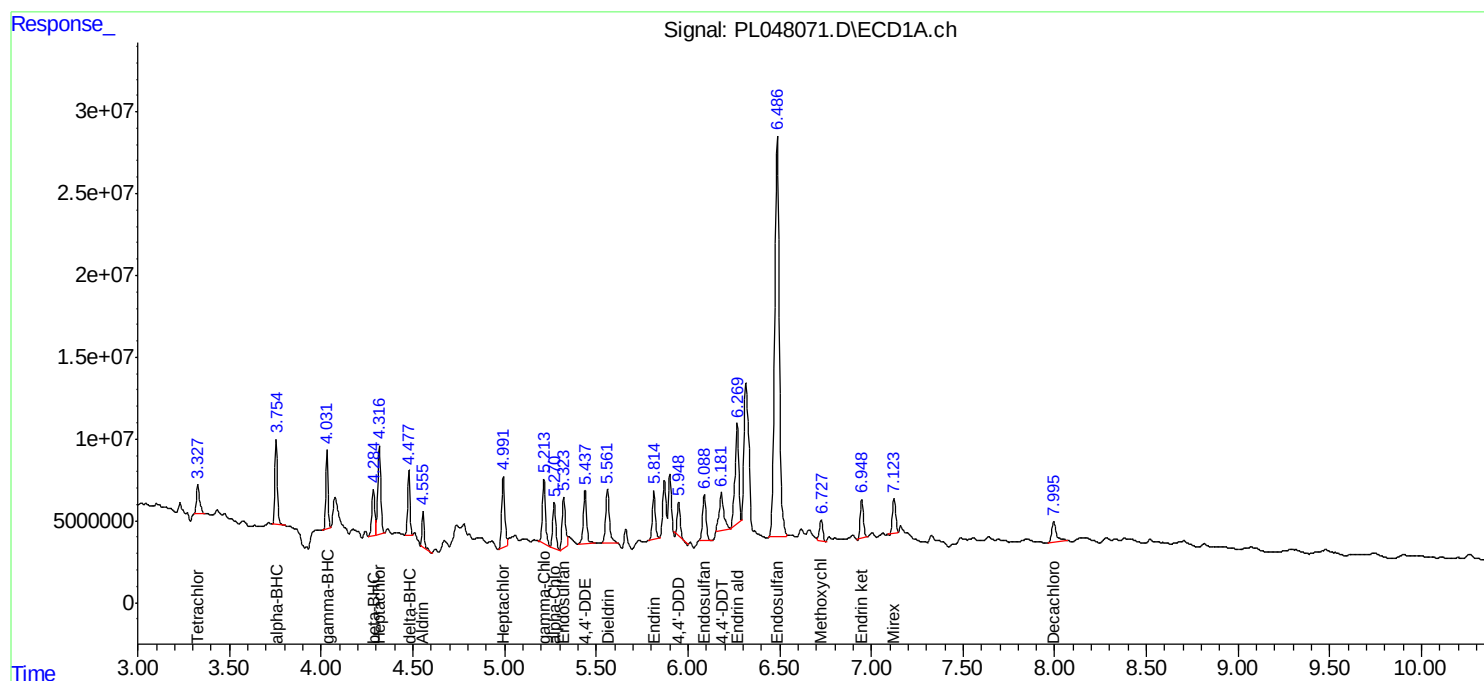
Instrument :
ECD_L
ClientSampleId :
JC-03-042919-FMSD

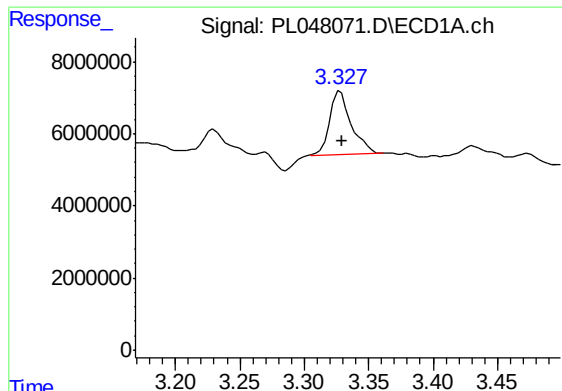
Manual Integrations
APPROVED

mohammad
5/1/2019 3:40:21 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 09:23:00 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





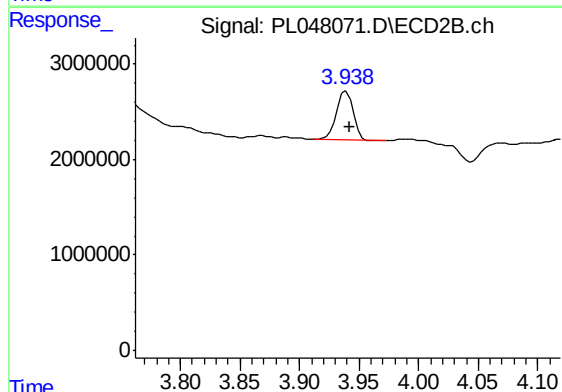
#1 Tetrachloro-m-xylene

R.T.: 3.328 min
Delta R.T.: 0.000 min
Response: 20217594
Conc: 2.19 ng/ml

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

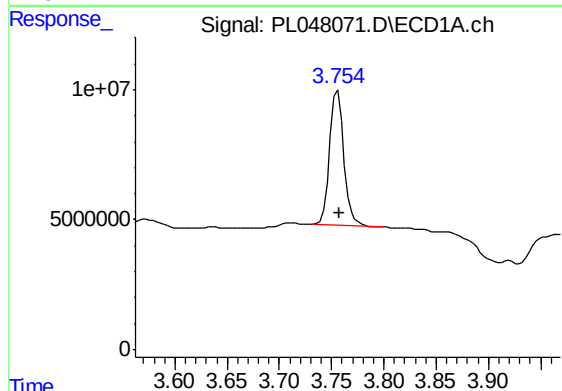
Manual Integrations
APPROVED

mohammad
5/1/2019 3:40:21 PM



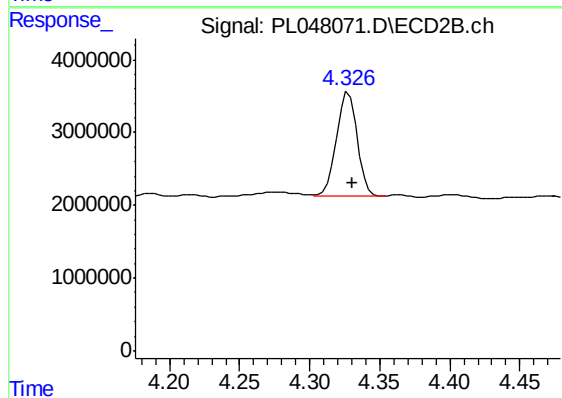
#1 Tetrachloro-m-xylene

R.T.: 3.939 min
Delta R.T.: -0.002 min
Response: 4857694
Conc: 2.03 ng/ml



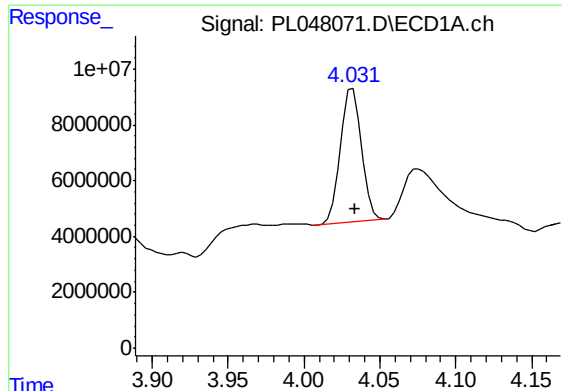
#2 alpha-BHC

R.T.: 3.756 min
Delta R.T.: -0.001 min
Response: 48898541
Conc: 3.34 ng/ml



#2 alpha-BHC

R.T.: 4.328 min
Delta R.T.: -0.002 min
Response: 14704999
Conc: 4.43 ng/ml



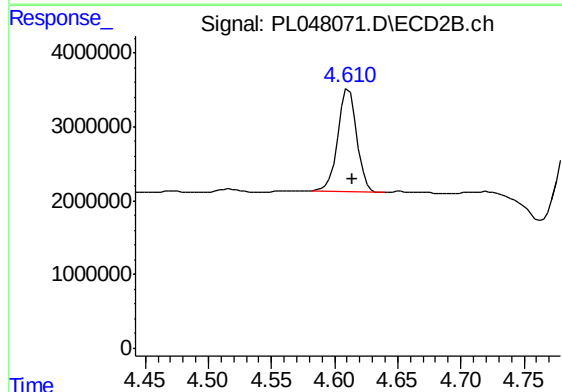
#3 gamma-BHC (Lindane)

R.T.: 4.032 min
Delta R.T.: -0.001 min
Response: 45613935
Conc: 3.44 ng/ml

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

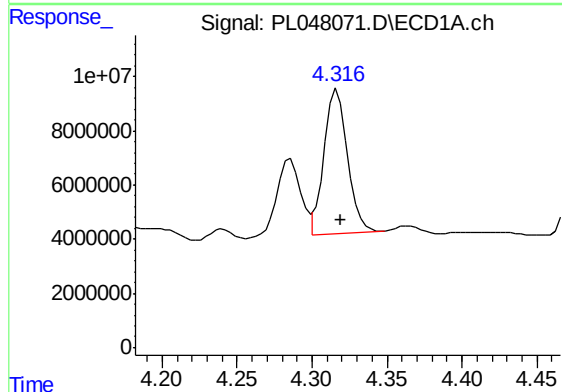
Manual Integrations
APPROVED

mohammad
5/1/2019 3:40:21 PM



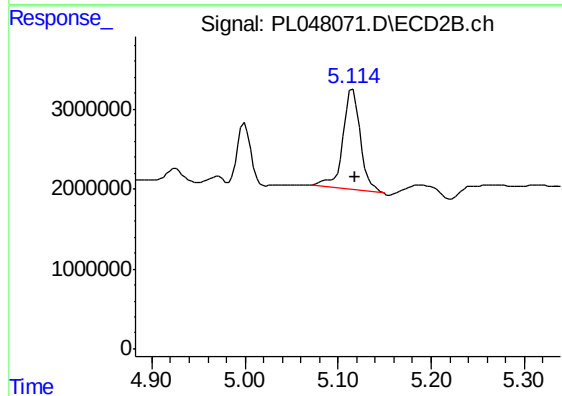
#3 gamma-BHC (Lindane)

R.T.: 4.611 min
Delta R.T.: -0.002 min
Response: 14500949
Conc: 4.62 ng/ml



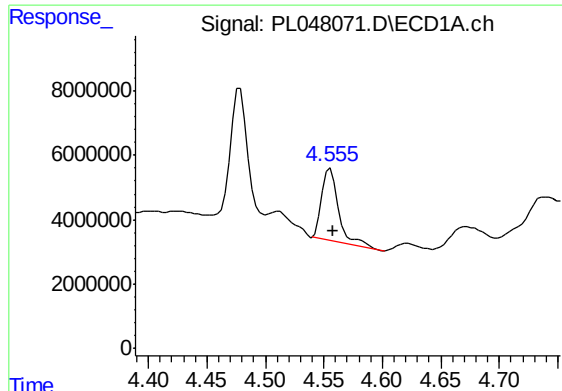
#4 Heptachlor

R.T.: 4.317 min
Delta R.T.: -0.002 min
Response: 58672744
Conc: 4.12 ng/ml



#4 Heptachlor

R.T.: 5.116 min
Delta R.T.: -0.003 min
Response: 16354497
Conc: 4.87 ng/ml



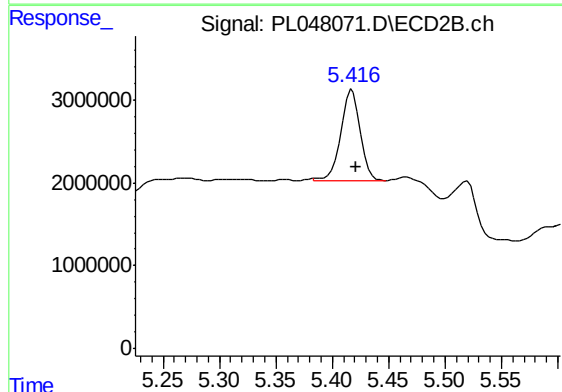
#5 Aldrin

R.T.: 4.556 min
Delta R.T.: -0.002 min
Response: 22851240
Conc: 1.64 ng/ml

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

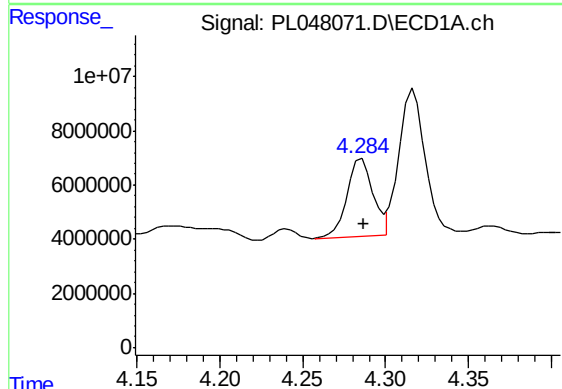
Manual Integrations
APPROVED

mohammad
5/1/2019 3:40:21 PM



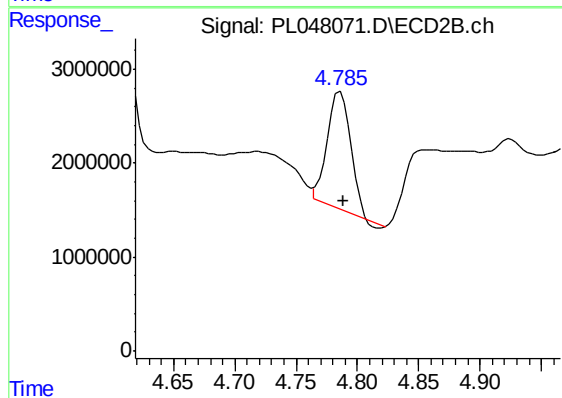
#5 Aldrin

R.T.: 5.416 min
Delta R.T.: -0.005 min
Response: 13484795
Conc: 4.32 ng/ml m



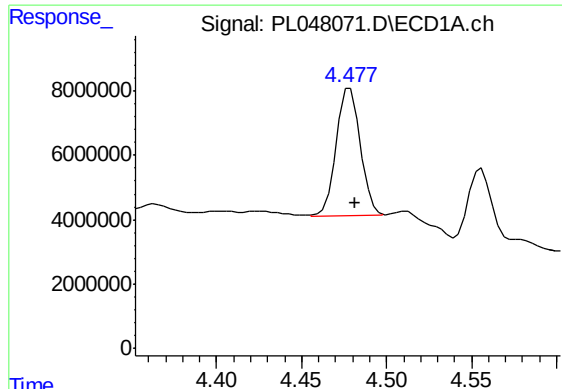
#6 beta-BHC

R.T.: 4.286 min
Delta R.T.: -0.001 min
Response: 30837403
Conc: 5.46 ng/ml



#6 beta-BHC

R.T.: 4.786 min
Delta R.T.: -0.002 min
Response: 16190987
Conc: 11.24 ng/ml



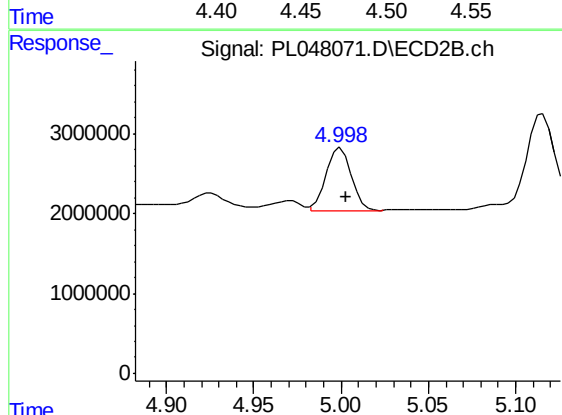
#7 delta-BHC

R.T.: 4.477 min
Delta R.T.: -0.004 min
Response: 39005511
Conc: 3.00 ng/ml m

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

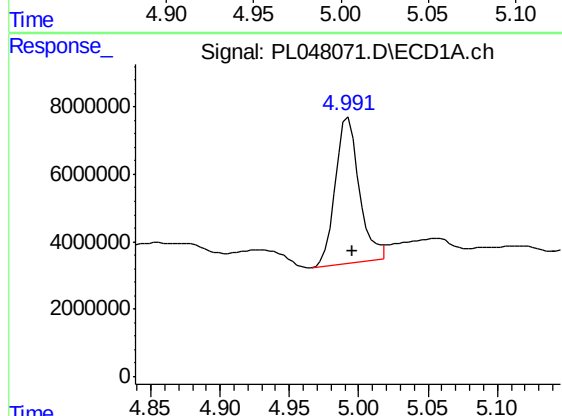
Manual Integrations
APPROVED

mohammad
5/1/2019 3:40:21 PM



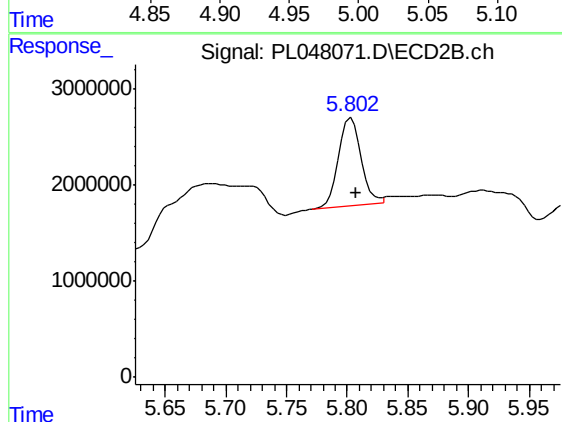
#7 delta-BHC

R.T.: 4.998 min
Delta R.T.: -0.004 min
Response: 7789370
Conc: 3.10 ng/ml m



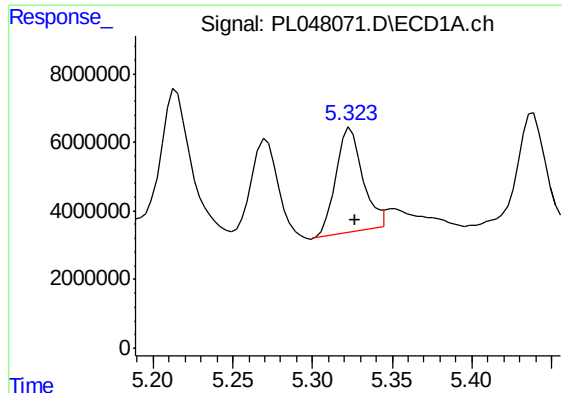
#8 Heptachlor epoxide

R.T.: 4.993 min
Delta R.T.: -0.003 min
Response: 52276526
Conc: 4.08 ng/ml



#8 Heptachlor epoxide

R.T.: 5.803 min
Delta R.T.: -0.004 min
Response: 11863210
Conc: 4.24 ng/ml



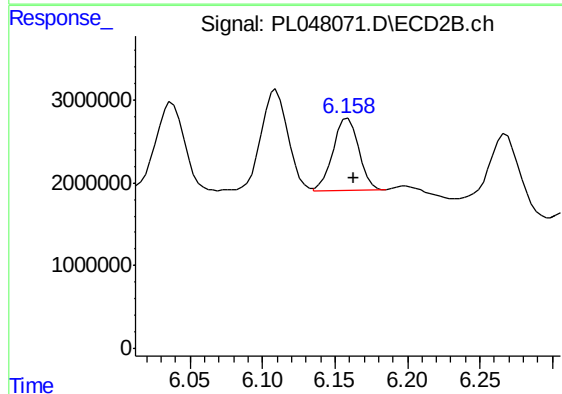
#9 Endosulfan I

R.T.: 5.324 min
Delta R.T.: -0.002 min
Response: 36224249
Conc: 3.00 ng/ml

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

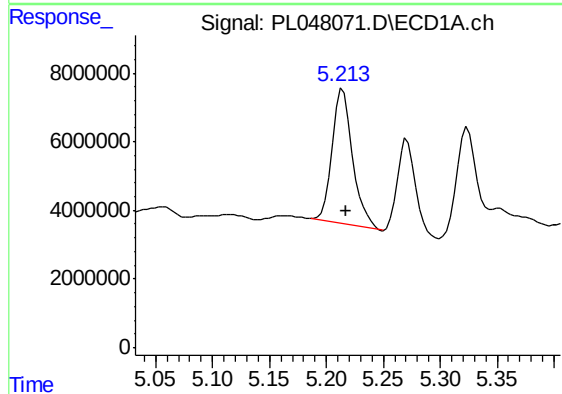
Manual Integrations
APPROVED

mohammad
5/1/2019 3:40:21 PM



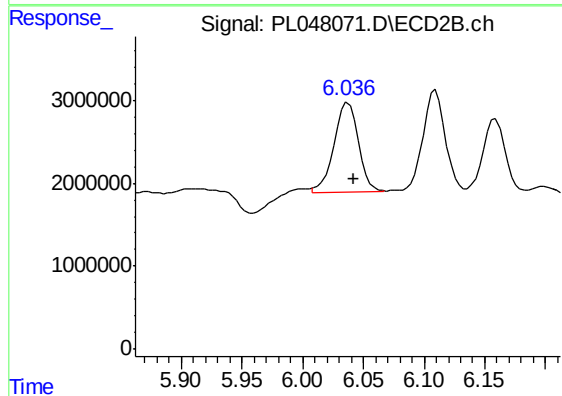
#9 Endosulfan I

R.T.: 6.159 min
Delta R.T.: -0.004 min
Response: 10724835
Conc: 3.82 ng/ml



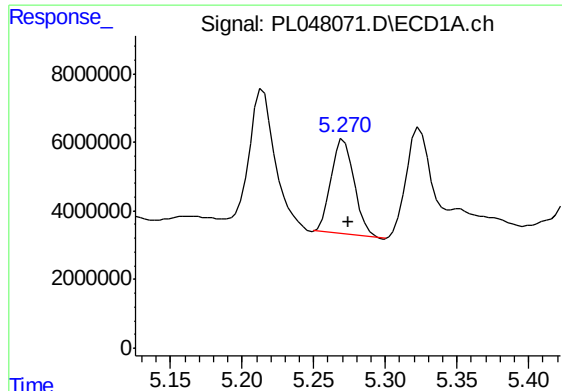
#10 gamma-Chlordane

R.T.: 5.215 min
Delta R.T.: -0.003 min
Response: 48714704
Conc: 3.66 ng/ml



#10 gamma-Chlordane

R.T.: 6.036 min
Delta R.T.: -0.006 min
Response: 15237392
Conc: 5.03 ng/ml m



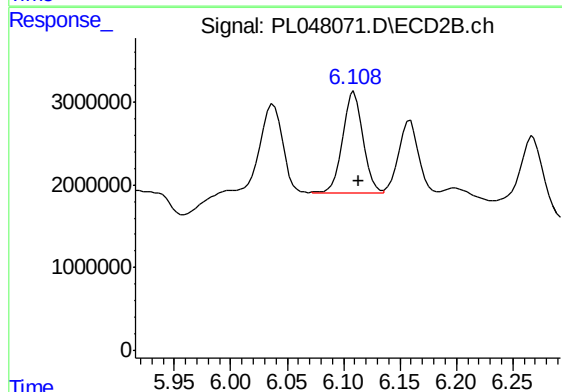
#11 alpha-Chlordane

R.T.: 5.271 min
Delta R.T.: -0.003 min
Response: 31459480
Conc: 2.41 ng/ml

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

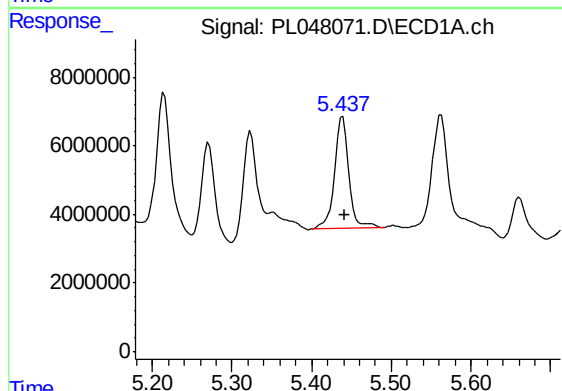
Manual Integrations
APPROVED

mohammad
5/1/2019 3:40:21 PM



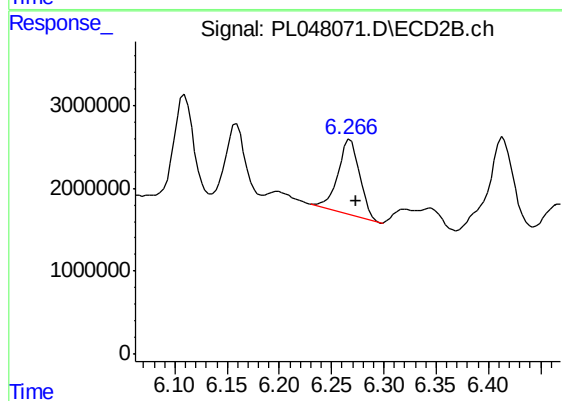
#11 alpha-Chlordane

R.T.: 6.109 min
Delta R.T.: -0.004 min
Response: 15953073
Conc: 5.27 ng/ml



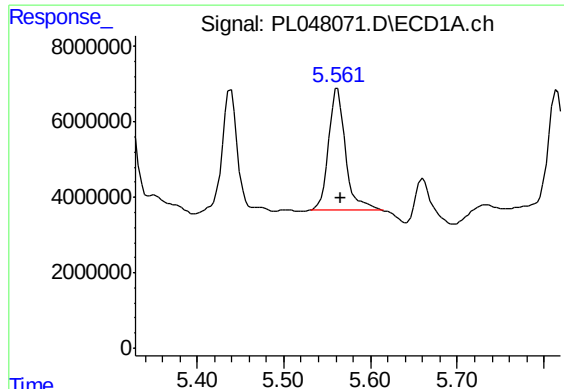
#12 4,4'-DDE

R.T.: 5.439 min
Delta R.T.: -0.003 min
Response: 41699895
Conc: 3.35 ng/ml



#12 4,4'-DDE

R.T.: 6.268 min
Delta R.T.: -0.005 min
Response: 12987540
Conc: 4.70 ng/ml



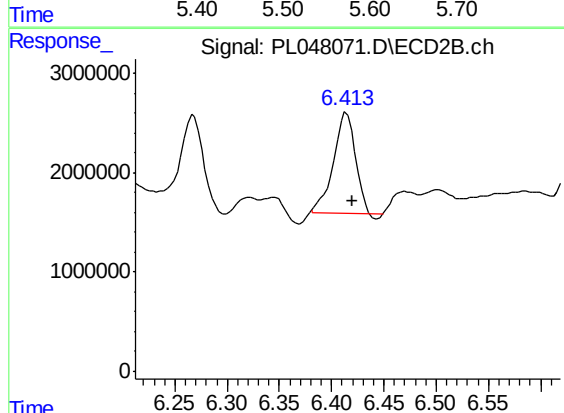
#13 Dieldrin

R.T.: 5.562 min
Delta R.T.: -0.004 min
Response: 44123601
Conc: 3.40 ng/ml

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

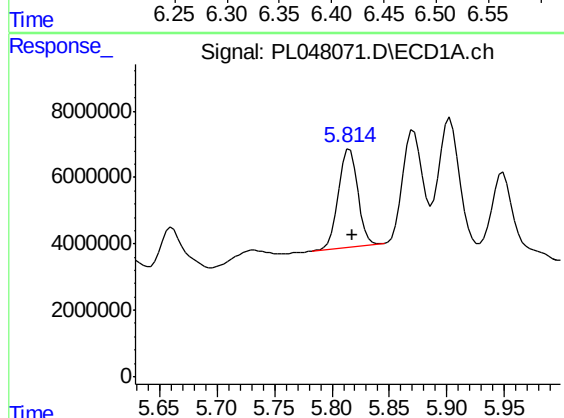
Manual Integrations
APPROVED

mohammad
5/1/2019 3:40:21 PM



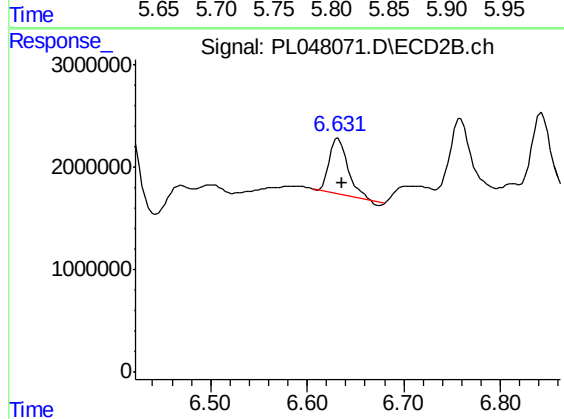
#13 Dieldrin

R.T.: 6.414 min
Delta R.T.: -0.005 min
Response: 14789880
Conc: 5.06 ng/ml



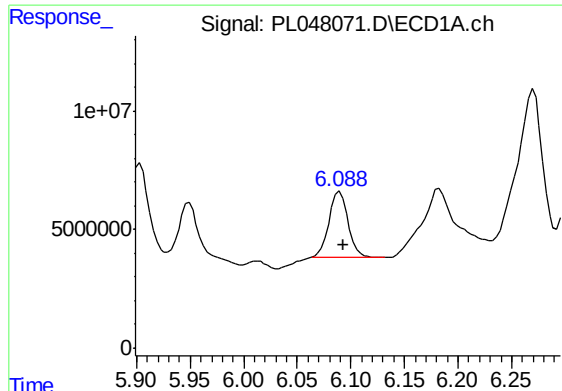
#14 Endrin

R.T.: 5.815 min
Delta R.T.: -0.003 min
Response: 35826804
Conc: 3.01 ng/ml



#14 Endrin

R.T.: 6.633 min
Delta R.T.: -0.004 min
Response: 6814460
Conc: 2.67 ng/ml



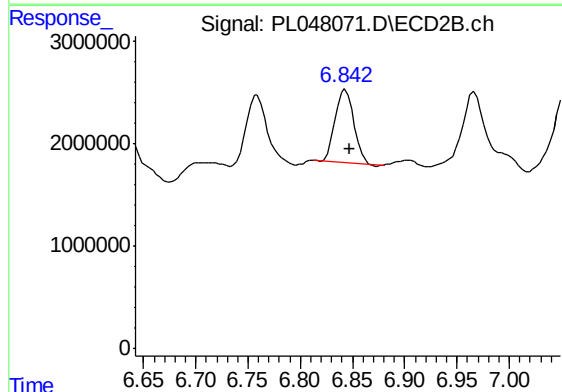
#15 Endosulfan II

R.T.: 6.090 min
Delta R.T.: -0.004 min
Response: 34877977
Conc: 3.12 ng/ml

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

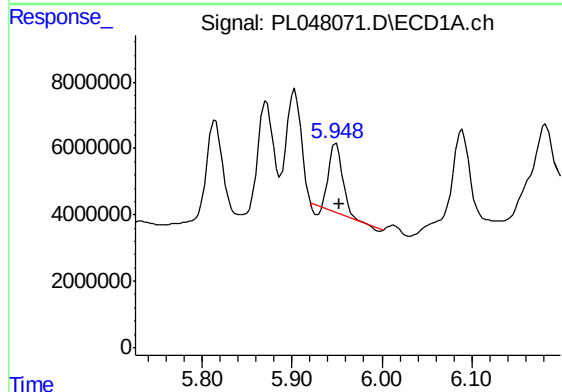
Manual Integrations
APPROVED

mohammad
5/1/2019 3:40:21 PM



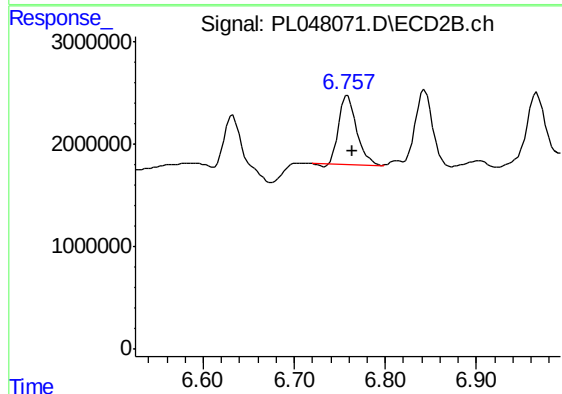
#15 Endosulfan II

R.T.: 6.843 min
Delta R.T.: -0.004 min
Response: 8786553
Conc: 3.35 ng/ml



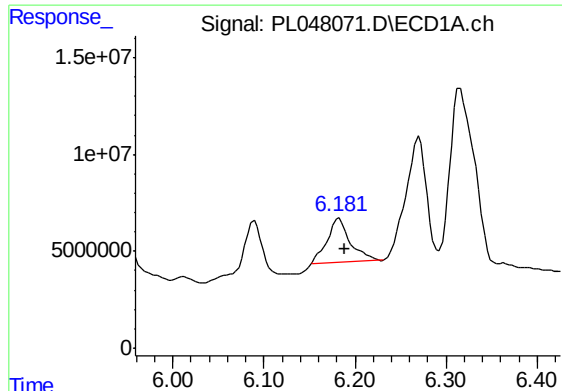
#16 4,4'-DDD

R.T.: 5.949 min
Delta R.T.: -0.004 min
Response: 19594666
Conc: 1.99 ng/ml



#16 4,4'-DDD

R.T.: 6.759 min
Delta R.T.: -0.004 min
Response: 9025956
Conc: 4.02 ng/ml



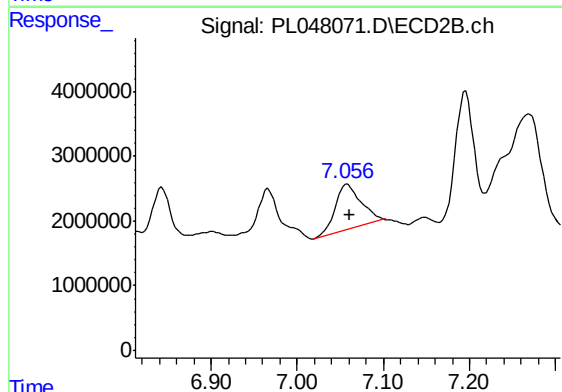
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.006 min
Response: 40699659
Conc: 4.08 ng/ml

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

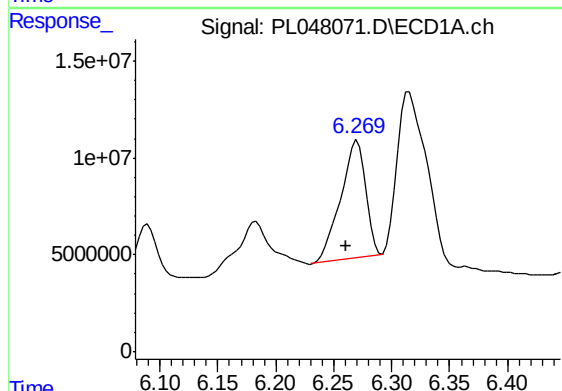
Manual Integrations
APPROVED

mohammad
5/1/2019 3:40:21 PM



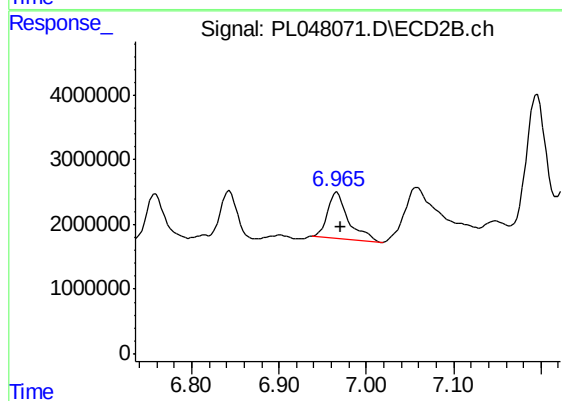
#17 4,4'-DDT

R.T.: 7.058 min
Delta R.T.: -0.003 min
Response: 14475282
Conc: 6.08 ng/ml



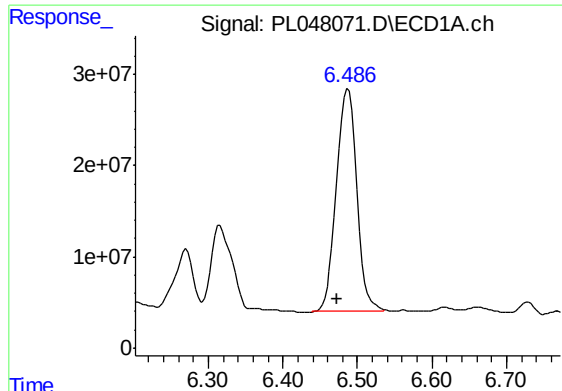
#18 Endrin aldehyde

R.T.: 6.270 min
Delta R.T.: 0.010 min
Response: 91605887
Conc: 9.71 ng/ml



#18 Endrin aldehyde

R.T.: 6.967 min
Delta R.T.: -0.004 min
Response: 12117063
Conc: 5.24 ng/ml



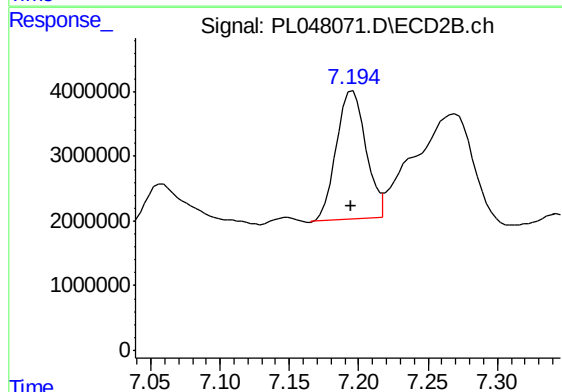
#19 Endosulfan Sulfate

R.T.: 6.486 min
Delta R.T.: 0.014 min
Response: 458825345
Conc: 41.16 ng/ml m

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

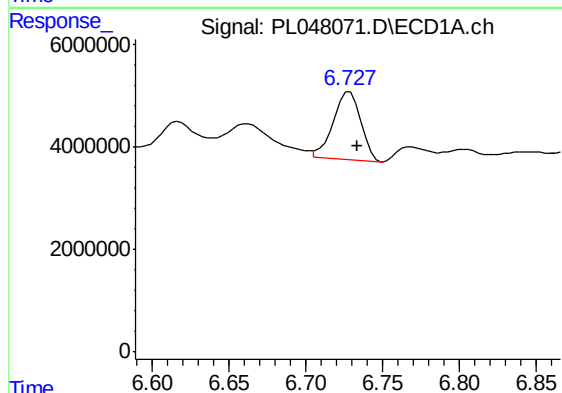
Manual Integrations
APPROVED

mohammad
5/1/2019 3:40:21 PM



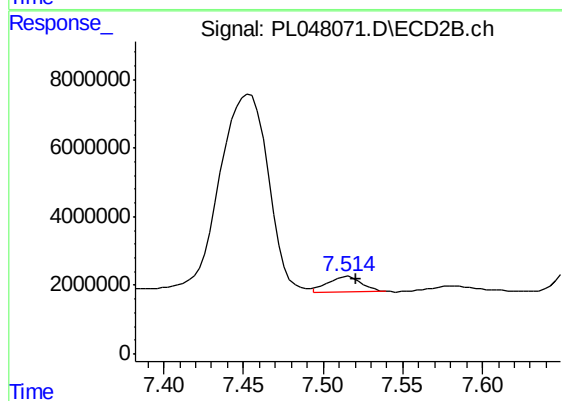
#19 Endosulfan Sulfate

R.T.: 7.194 min
Delta R.T.: 0.000 min
Response: 29715696
Conc: 10.85 ng/ml m



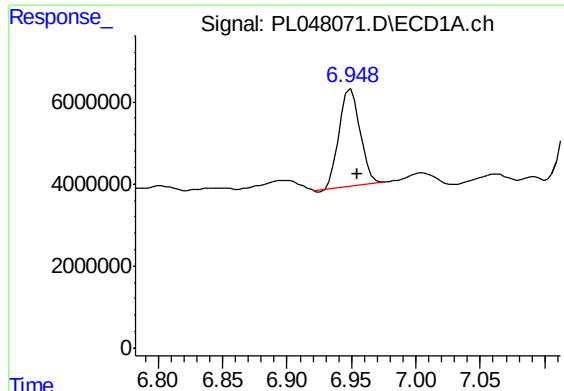
#20 Methoxychlor

R.T.: 6.728 min
Delta R.T.: -0.005 min
Response: 16610241
Conc: 3.12 ng/ml



#20 Methoxychlor

R.T.: 7.514 min
Delta R.T.: -0.007 min
Response: 6449378
Conc: 4.60 ng/ml m



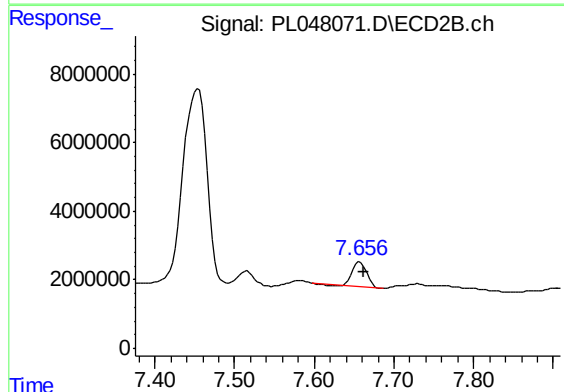
#21 Endrin ketone

R.T.: 6.950 min
Delta R.T.: -0.005 min
Response: 26812407
Conc: 2.26 ng/ml

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

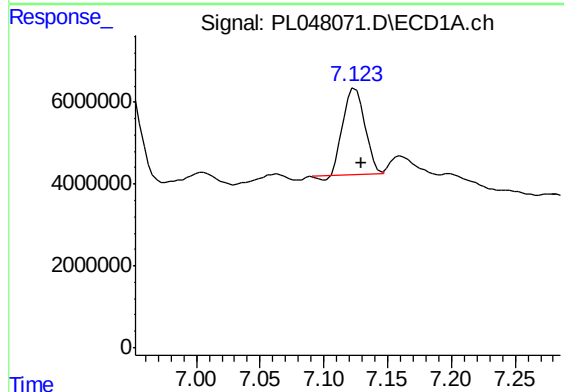
Manual Integrations
APPROVED

mohammad
5/1/2019 3:40:21 PM



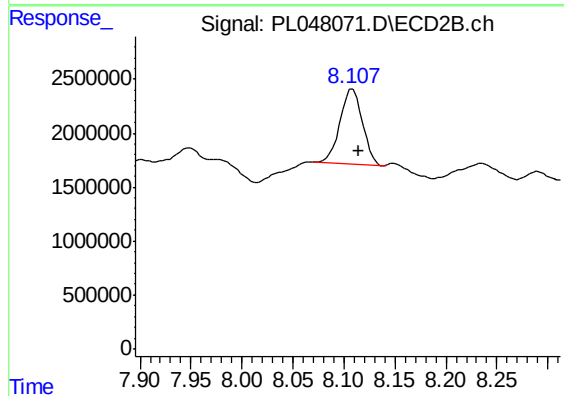
#21 Endrin ketone

R.T.: 7.658 min
Delta R.T.: -0.005 min
Response: 8975000
Conc: 3.19 ng/ml



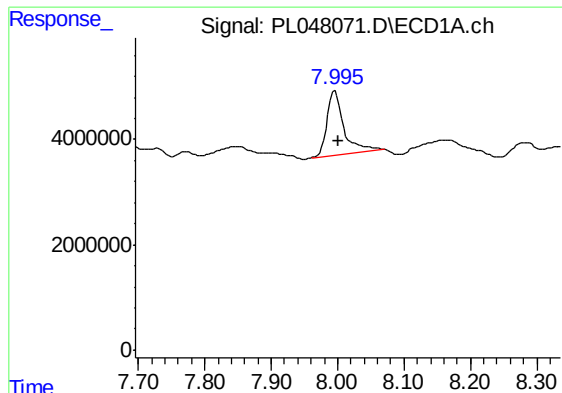
#22 Mirex

R.T.: 7.125 min
Delta R.T.: -0.005 min
Response: 24877693
Conc: 2.65 ng/ml



#22 Mirex

R.T.: 8.108 min
Delta R.T.: -0.006 min
Response: 10625655
Conc: 4.57 ng/ml



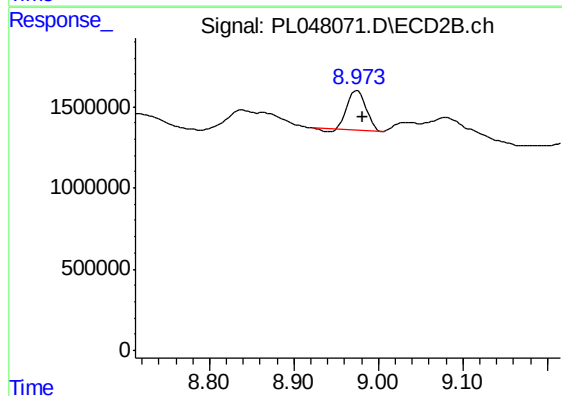
#28 Decachlorobiphenyl

R.T.: 7.996 min
Delta R.T.: -0.006 min
Response: 21478351
Conc: 1.92 ng/ml

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

Manual Integrations
APPROVED

mohammad
5/1/2019 3:40:21 PM



#28 Decachlorobiphenyl

R.T.: 8.975 min
Delta R.T.: -0.007 min
Response: 3690468
Conc: 1.29 ng/ml