

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021120\
 Data File : PL056483.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Feb 2020 19:40
 Operator : AJ\MA
 Sample : L1481-01MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleID :
 72-11931MS

Manual Integrations
 APPROVED

mohammad
 2/12/2020 12:34:02 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 12 00:28:09 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012820.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 28 13:10:37 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...	3.496	4.016	173.4E6	70562022	16.560m	24.131 #
28)	SA Decachlor...	8.242	9.094	112.0E6	29590200	10.635m	13.082m
Target Compounds							
2)	A alpha-BHC	3.934	4.405	708.2E6	219.3E6	39.742m	50.111m#
3)	MA gamma-BHC...	4.220	4.689	581.0E6	335.3E6	35.481	81.777m#
4)	MA Heptachlor	4.521	5.199	669.4E6	173.8E6	41.697	48.581
5)	MB Aldrin	4.770	5.504	629.6E6	188.0E6	38.701	53.491 #
6)	B beta-BHC	4.470	4.862	253.6E6	71247941	38.500	43.459m
7)	B delta-BHC	4.675	5.081	617.9E6	170.7E6	38.544	53.218 #
8)	B Heptachlor...	5.213	5.891	626.5E6	155.2E6	40.734	49.857
9)	A Endosulfan I	5.552	6.249	537.9E6	134.9E6	37.069	45.083
10)	B gamma-Chl...	5.439	6.127	815.7E6	247.1E6	52.014m	77.699 #
11)	B alpha-Chl...	5.498	6.200	884.1E6	287.3E6	57.472	90.648 #
12)	B 4,4'-DDE	5.660	6.357	547.6E6	146.6E6	37.781	48.927 #
13)	MA Dieldrin	5.794	6.507	707.2E6	174.7E6	45.986m	56.273
14)	MA Endrin	6.053	6.726	537.3E6	118.6E6	38.239	45.260
15)	B Endosulfa...	6.327	6.936	546.1E6	118.2E6	41.757	43.906
16)	A 4,4'-DDD	6.176	6.849	413.6E6	114.6E6	38.474m	48.580 #
17)	MA 4,4'-DDT	6.417	7.148	458.4E6	117.0E6	41.942	50.946
18)	B Endrin al...	6.493	7.061	397.6E6	107.0E6	36.338m	47.113 #
19)	B Endosulfa...	6.707	7.285	475.3E6	154.4E6	39.091	61.002m#
20)	A Methoxychlor	6.960	7.607	237.2E6	51945730	44.653	42.367
21)	B Endrin ke...	7.199	7.756	480.5E6	117.0E6	36.721	43.869
22)	Mirex	7.388	8.210	334.3E6	89407865	36.178	49.184 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021120\
Data File : PL056483.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Feb 2020 19:40
Operator : AJ\MA
Sample : L1481-01MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

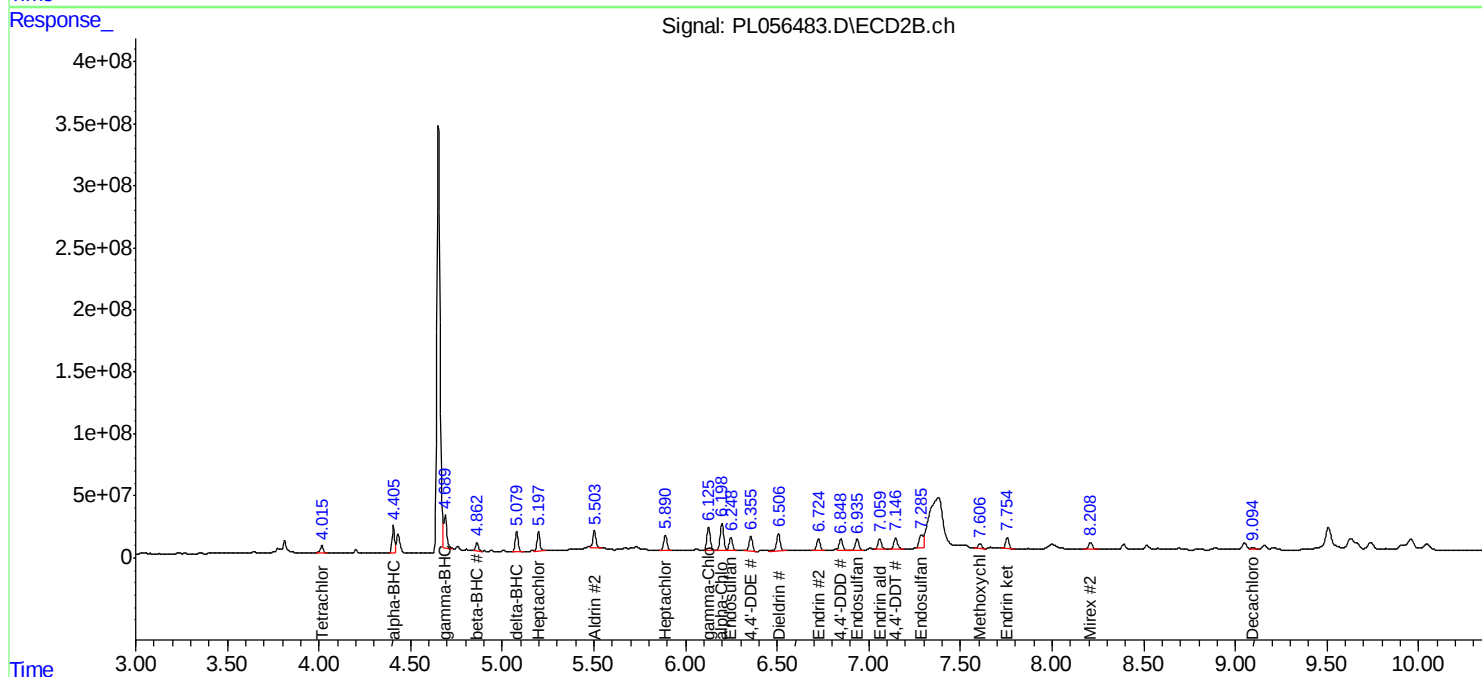
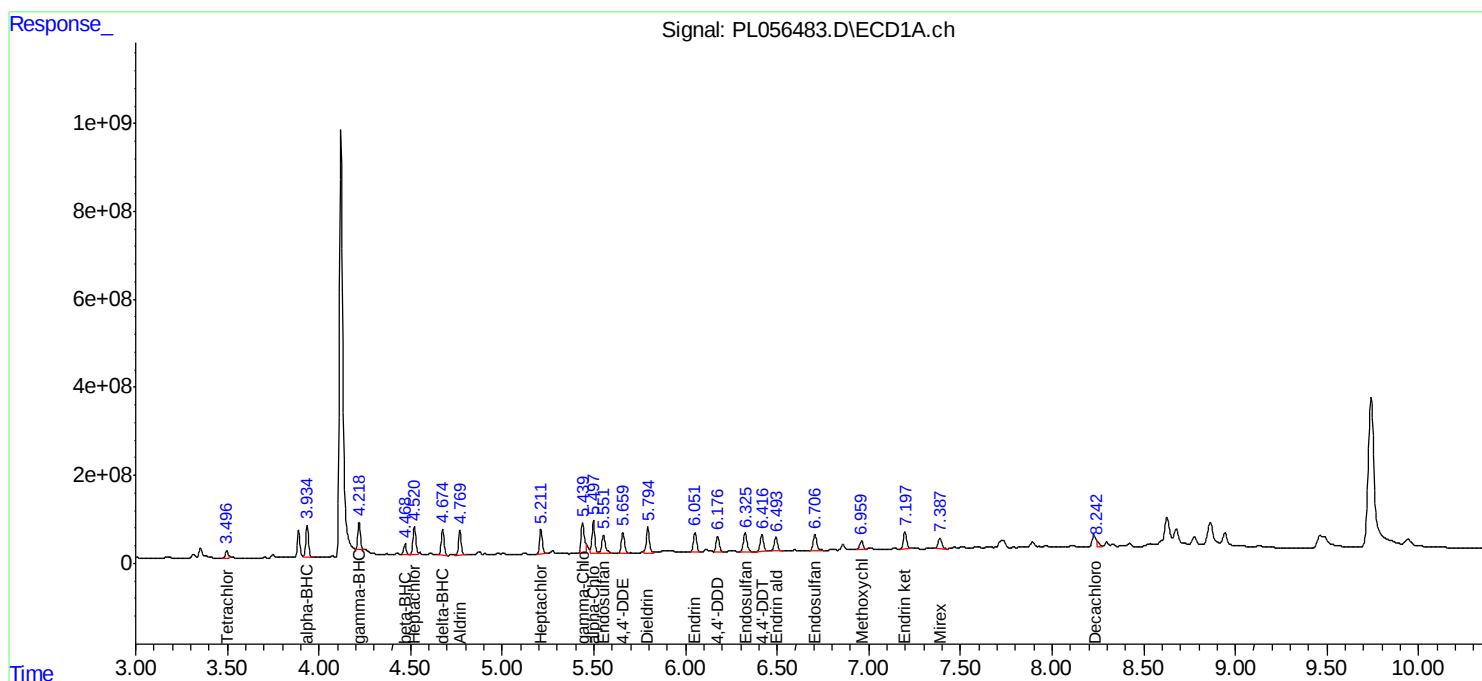
Instrument :
ECD_L
ClientSampled :
72-11931MS

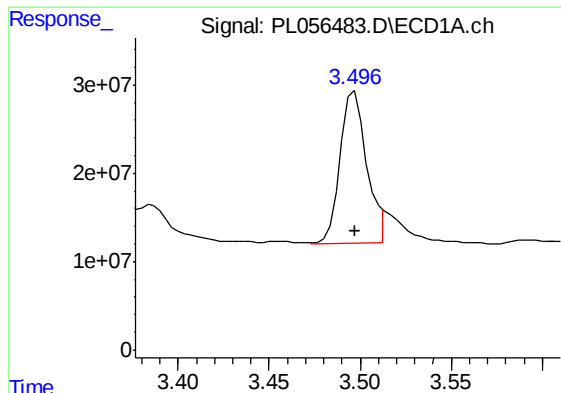
Manual Integrations
APPROVED

mohammad
2/12/2020 12:34:02 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 12 00:28:09 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012820.M
Quant Title : GC Extractables
QLast Update : Tue Jan 28 13:10:37 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





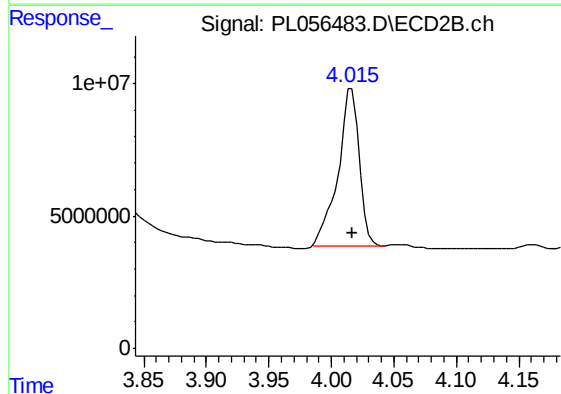
#1 Tetrachloro-m-xylene

R.T.: 3.496 min
Delta R.T.: -0.001 min
Response: 173434432
Conc: 16.56 ng/ml m

Instrument :
ECD_L
ClientSampleId :
72-11931MS

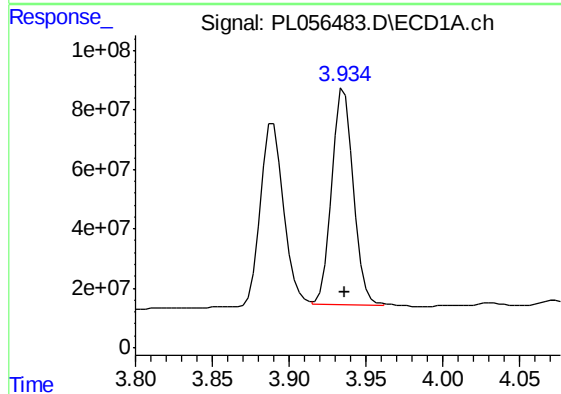
Manual Integrations
APPROVED

mohammad
2/12/2020 12:34:02 PM



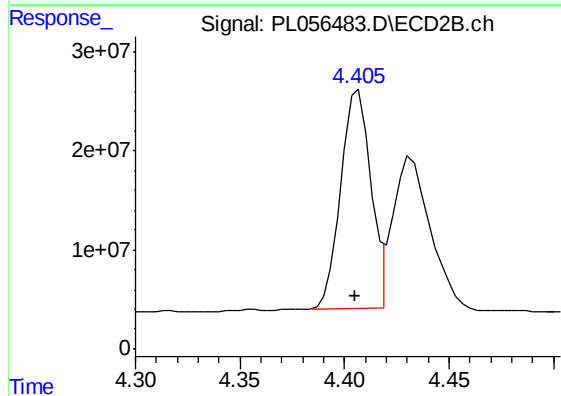
#1 Tetrachloro-m-xylene

R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 70562022
Conc: 24.13 ng/ml



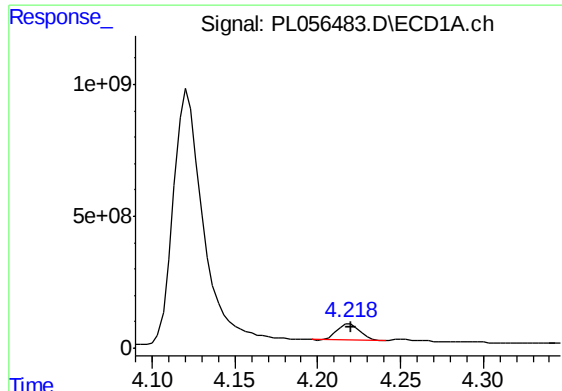
#2 alpha-BHC

R.T.: 3.934 min
Delta R.T.: -0.001 min
Response: 708208956
Conc: 39.74 ng/ml m



#2 alpha-BHC

R.T.: 4.405 min
Delta R.T.: 0.000 min
Response: 219347811
Conc: 50.11 ng/ml m



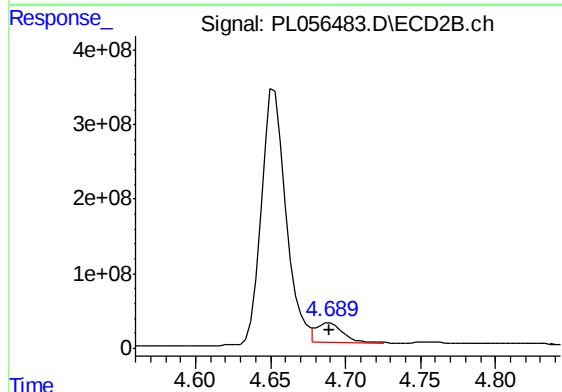
#3 gamma-BHC (Lindane)

R.T.: 4.220 min
Delta R.T.: 0.000 min
Response: 580960412
Conc: 35.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11931MS

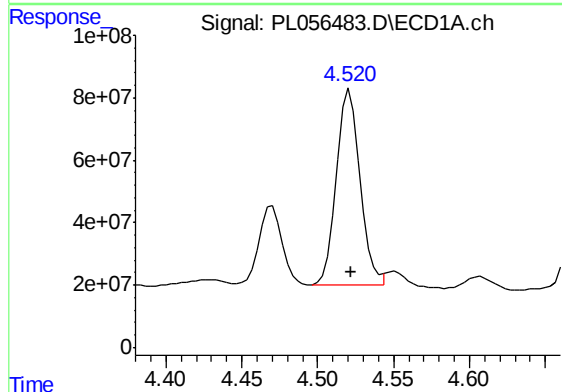
Manual Integrations
APPROVED

mohammad
2/12/2020 12:34:02 PM



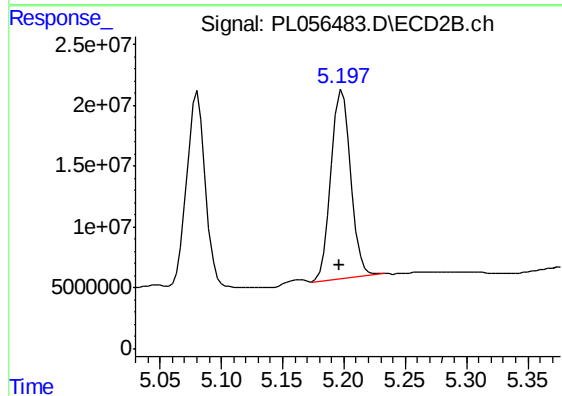
#3 gamma-BHC (Lindane)

R.T.: 4.689 min
Delta R.T.: 0.000 min
Response: 335348200
Conc: 81.78 ng/ml m



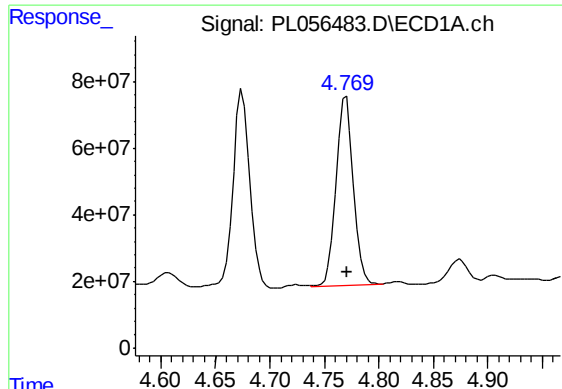
#4 Heptachlor

R.T.: 4.521 min
Delta R.T.: 0.000 min
Response: 669426394
Conc: 41.70 ng/ml



#4 Heptachlor

R.T.: 5.199 min
Delta R.T.: 0.002 min
Response: 173808255
Conc: 48.58 ng/ml



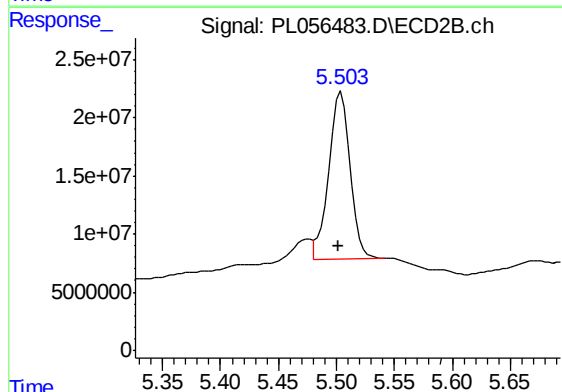
#5 Aldrin

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 629559531
Conc: 38.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11931MS

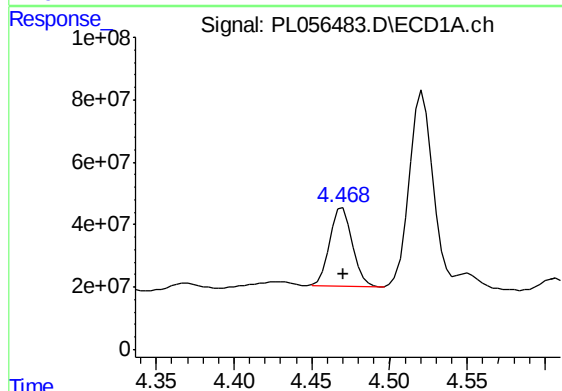
Manual Integrations
APPROVED

mohammad
2/12/2020 12:34:02 PM



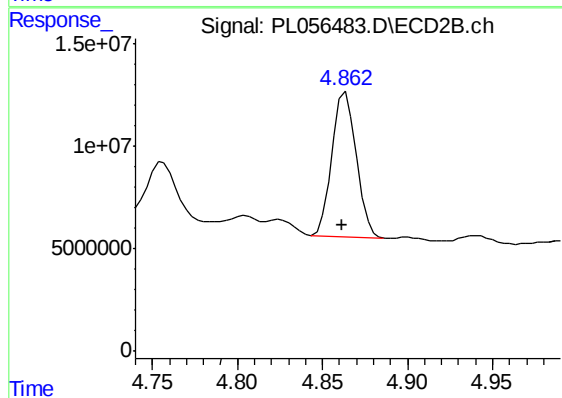
#5 Aldrin

R.T.: 5.504 min
Delta R.T.: 0.003 min
Response: 188002120
Conc: 53.49 ng/ml



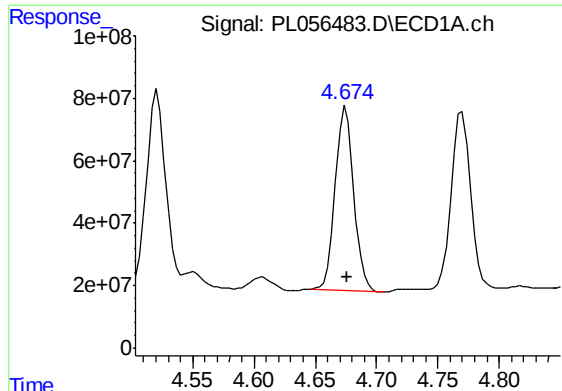
#6 beta-BHC

R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 253595483
Conc: 38.50 ng/ml



#6 beta-BHC

R.T.: 4.862 min
Delta R.T.: 0.000 min
Response: 71247941
Conc: 43.46 ng/ml m



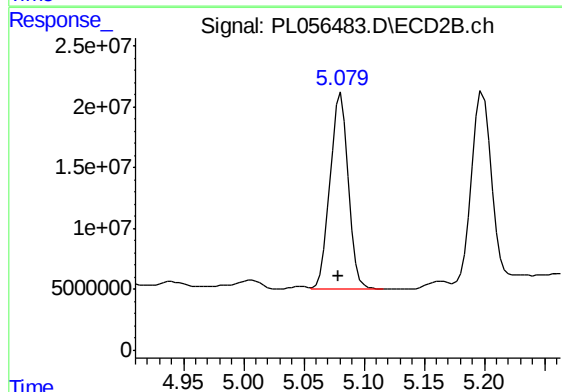
#7 delta-BHC

R.T.: 4.675 min
Delta R.T.: -0.001 min
Response: 617949016
Conc: 38.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11931MS

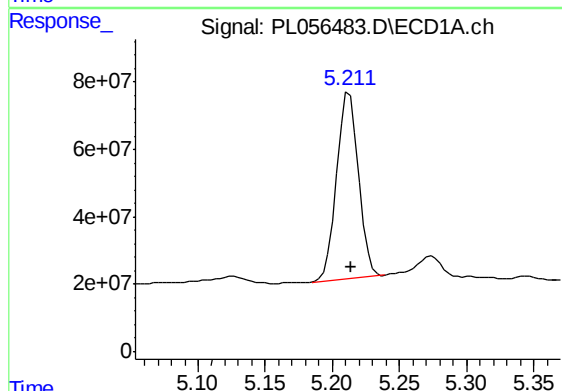
Manual Integrations
APPROVED

mohammad
2/12/2020 12:34:02 PM



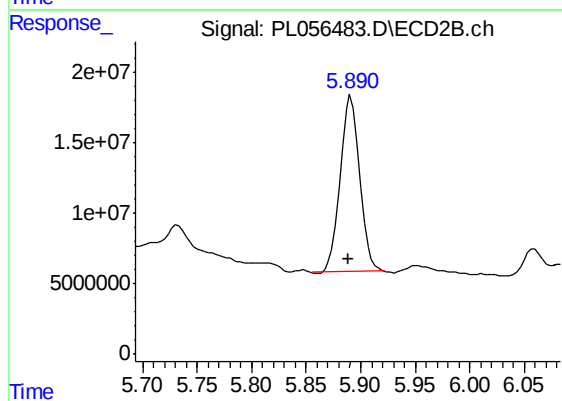
#7 delta-BHC

R.T.: 5.081 min
Delta R.T.: 0.002 min
Response: 170677816
Conc: 53.22 ng/ml



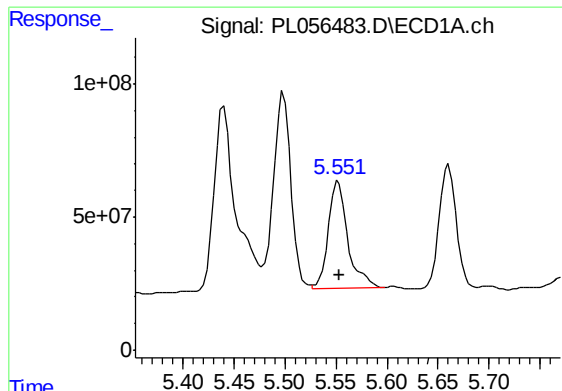
#8 Heptachlor epoxide

R.T.: 5.213 min
Delta R.T.: -0.001 min
Response: 626521922
Conc: 40.73 ng/ml



#8 Heptachlor epoxide

R.T.: 5.891 min
Delta R.T.: 0.003 min
Response: 155184308
Conc: 49.86 ng/ml



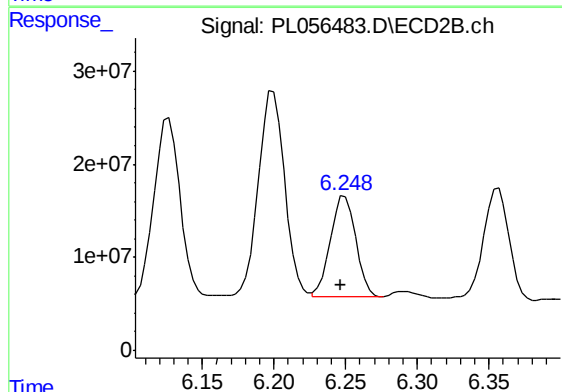
#9 Endosulfan I

R.T.: 5.552 min
Delta R.T.: -0.001 min
Response: 537924847
Conc: 37.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11931MS

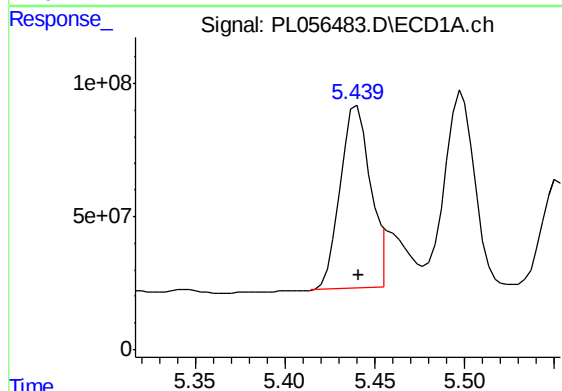
Manual Integrations
APPROVED

mohammad
2/12/2020 12:34:02 PM



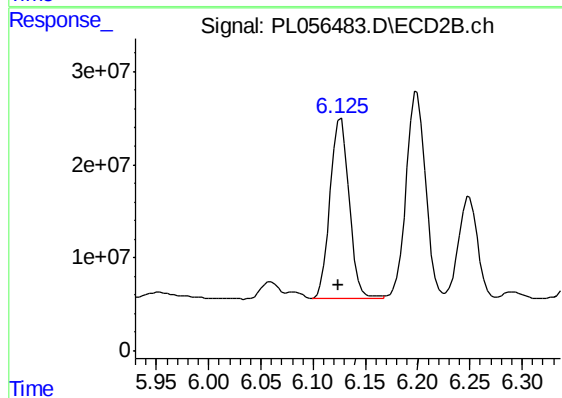
#9 Endosulfan I

R.T.: 6.249 min
Delta R.T.: 0.003 min
Response: 134922789
Conc: 45.08 ng/ml



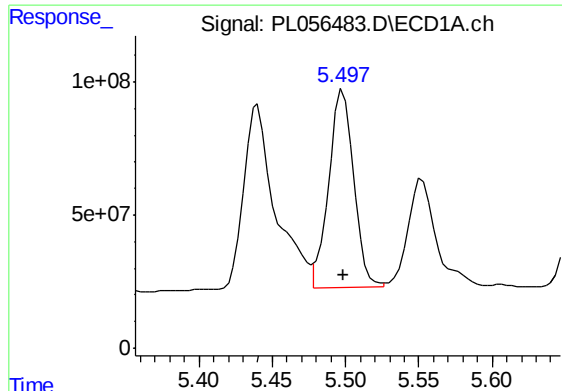
#10 gamma-Chlordane

R.T.: 5.439 min
Delta R.T.: -0.002 min
Response: 815730802
Conc: 52.01 ng/ml m



#10 gamma-Chlordane

R.T.: 6.127 min
Delta R.T.: 0.003 min
Response: 247095174
Conc: 77.70 ng/ml



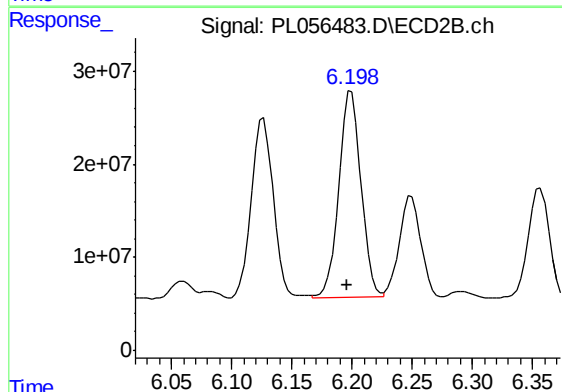
#11 alpha-Chlordane

R.T.: 5.498 min
Delta R.T.: 0.000 min
Response: 884094388
Conc: 57.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11931MS

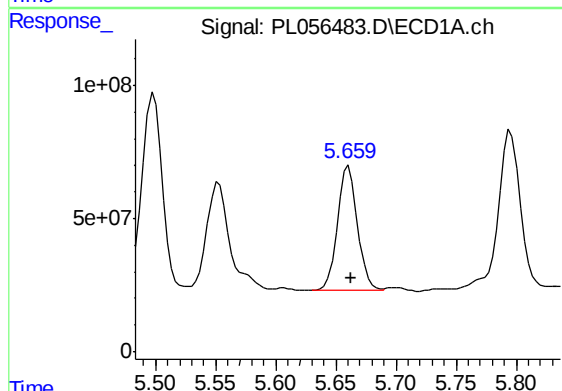
Manual Integrations
APPROVED

mohammad
2/12/2020 12:34:02 PM



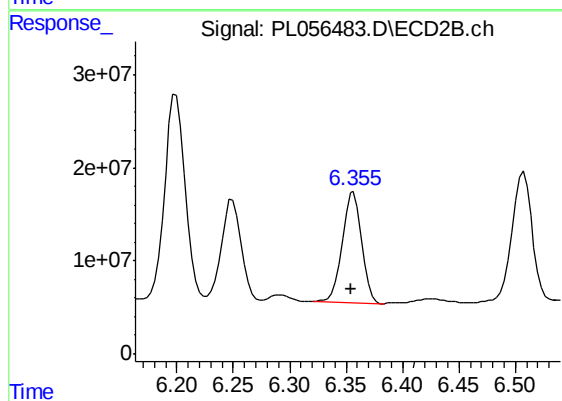
#11 alpha-Chlordane

R.T.: 6.200 min
Delta R.T.: 0.003 min
Response: 287330574
Conc: 90.65 ng/ml



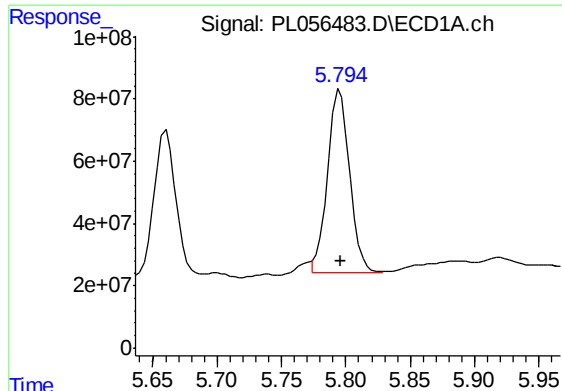
#12 4,4'-DDE

R.T.: 5.660 min
Delta R.T.: -0.002 min
Response: 547579401
Conc: 37.78 ng/ml



#12 4,4'-DDE

R.T.: 6.357 min
Delta R.T.: 0.002 min
Response: 146555474
Conc: 48.93 ng/ml



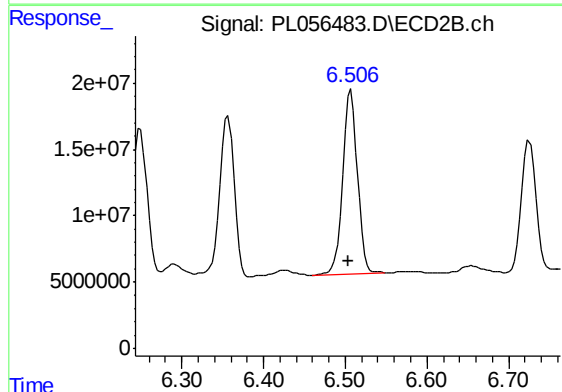
#13 Dieldrin

R.T.: 5.794 min
Delta R.T.: -0.002 min
Response: 707249586
Conc: 45.99 ng/ml m

Instrument :
ECD_L
ClientSampleId :
72-11931MS

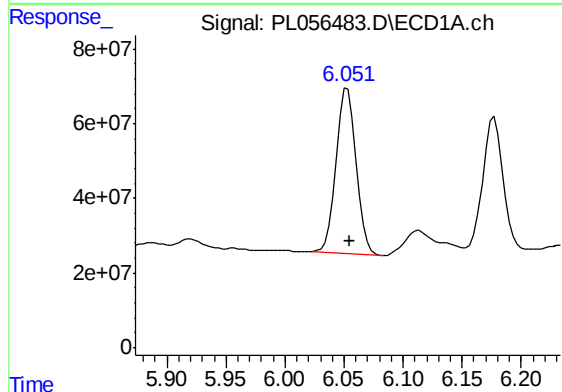
Manual Integrations
APPROVED

mohammad
2/12/2020 12:34:02 PM



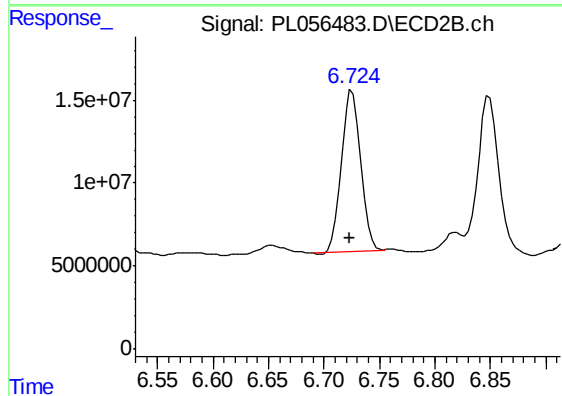
#13 Dieldrin

R.T.: 6.507 min
Delta R.T.: 0.003 min
Response: 174670758
Conc: 56.27 ng/ml



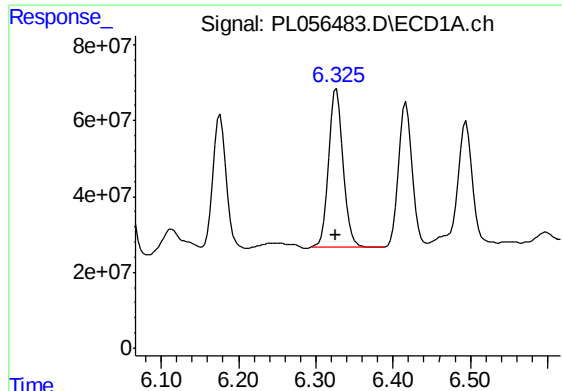
#14 Endrin

R.T.: 6.053 min
Delta R.T.: -0.002 min
Response: 537335281
Conc: 38.24 ng/ml



#14 Endrin

R.T.: 6.726 min
Delta R.T.: 0.003 min
Response: 118611908
Conc: 45.26 ng/ml



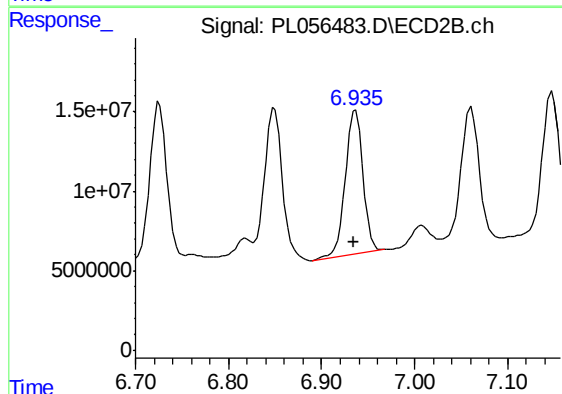
#15 Endosulfan II

R.T.: 6.327 min
Delta R.T.: 0.000 min
Response: 546120683
Conc: 41.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11931MS

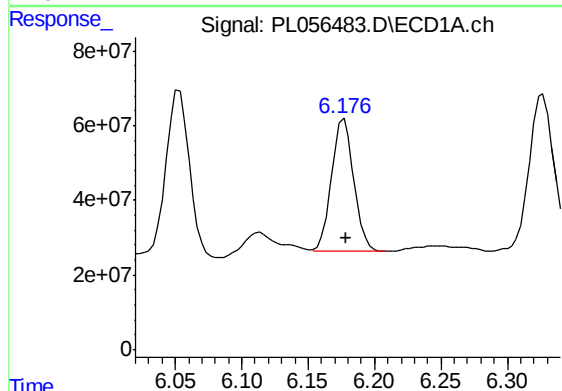
Manual Integrations
APPROVED

mohammad
2/12/2020 12:34:02 PM



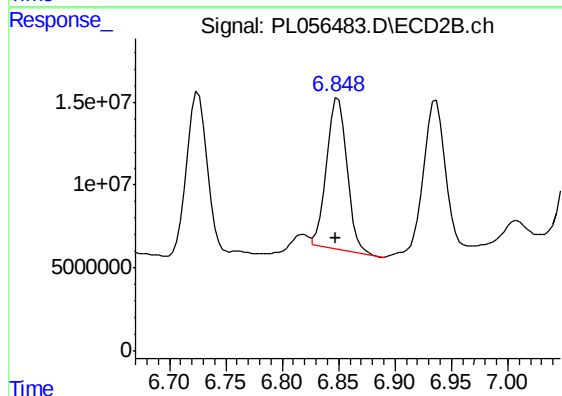
#15 Endosulfan II

R.T.: 6.936 min
Delta R.T.: 0.003 min
Response: 118199564
Conc: 43.91 ng/ml



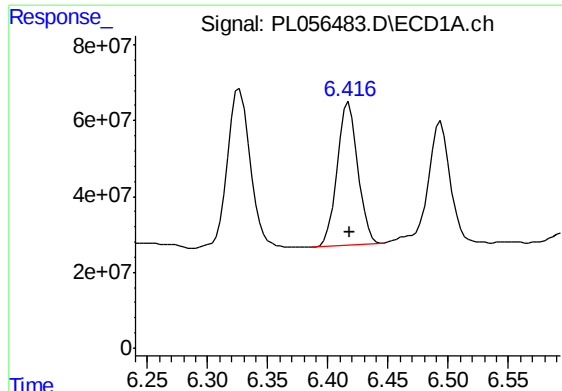
#16 4,4'-DDD

R.T.: 6.176 min
Delta R.T.: -0.003 min
Response: 413560313
Conc: 38.47 ng/ml m



#16 4,4'-DDD

R.T.: 6.849 min
Delta R.T.: 0.002 min
Response: 114623014
Conc: 48.58 ng/ml



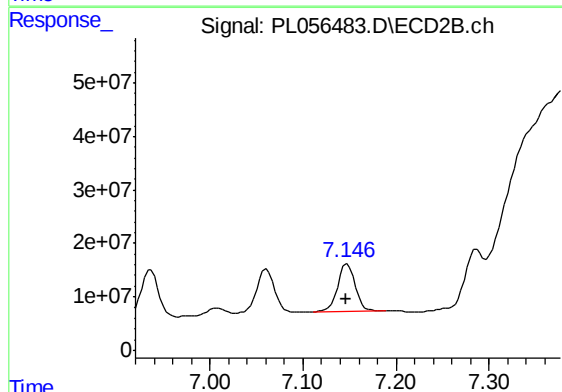
#17 4,4'-DDT

R.T.: 6.417 min
Delta R.T.: -0.001 min
Response: 458372556
Conc: 41.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11931MS

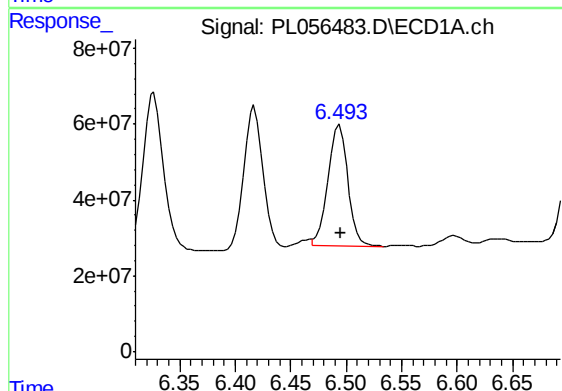
Manual Integrations
APPROVED

mohammad
2/12/2020 12:34:02 PM



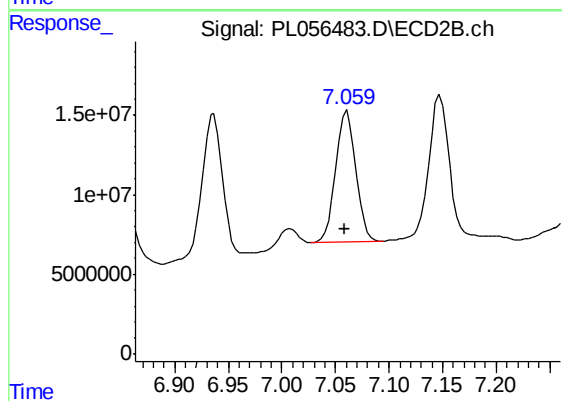
#17 4,4'-DDT

R.T.: 7.148 min
Delta R.T.: 0.002 min
Response: 116959249
Conc: 50.95 ng/ml



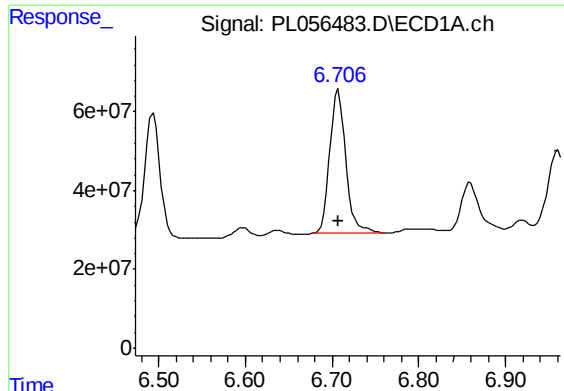
#18 Endrin aldehyde

R.T.: 6.493 min
Delta R.T.: -0.002 min
Response: 397569978
Conc: 36.34 ng/ml m



#18 Endrin aldehyde

R.T.: 7.061 min
Delta R.T.: 0.002 min
Response: 106956885
Conc: 47.11 ng/ml



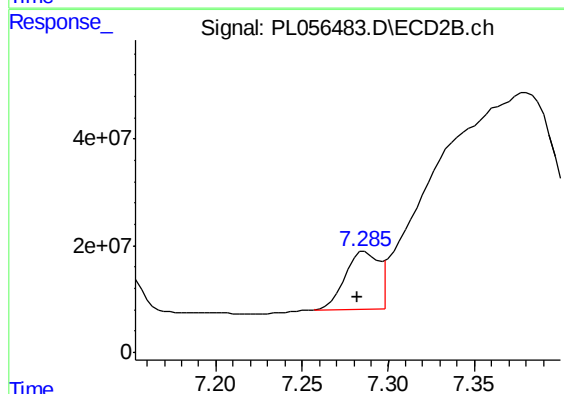
#19 Endosulfan Sulfate

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 475256558
Conc: 39.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11931MS

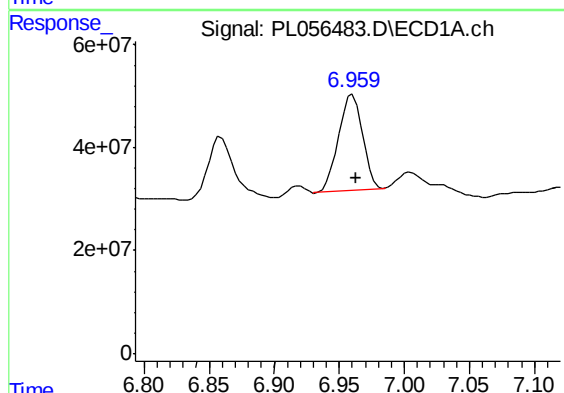
Manual Integrations
APPROVED

mohammad
2/12/2020 12:34:02 PM



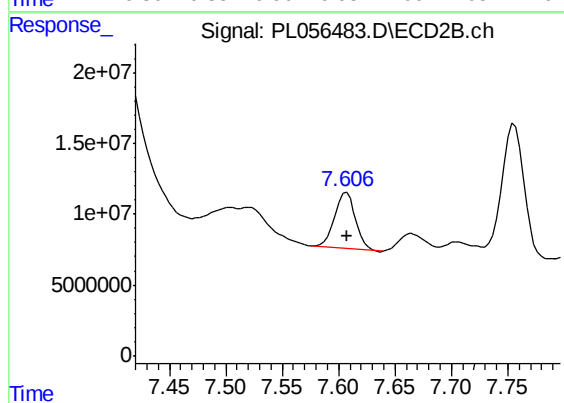
#19 Endosulfan Sulfate

R.T.: 7.285 min
Delta R.T.: 0.003 min
Response: 154381411
Conc: 61.00 ng/ml m



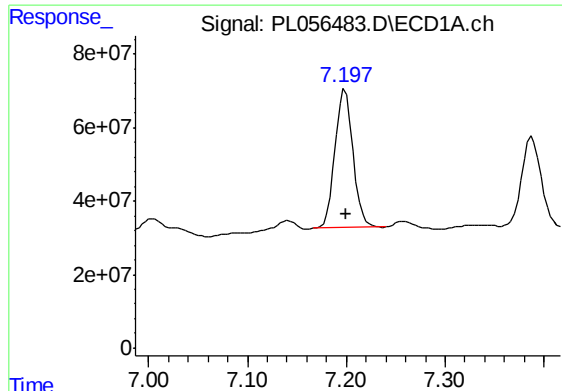
#20 Methoxychlor

R.T.: 6.960 min
Delta R.T.: -0.003 min
Response: 237208681
Conc: 44.65 ng/ml



#20 Methoxychlor

R.T.: 7.607 min
Delta R.T.: 0.000 min
Response: 51945730
Conc: 42.37 ng/ml



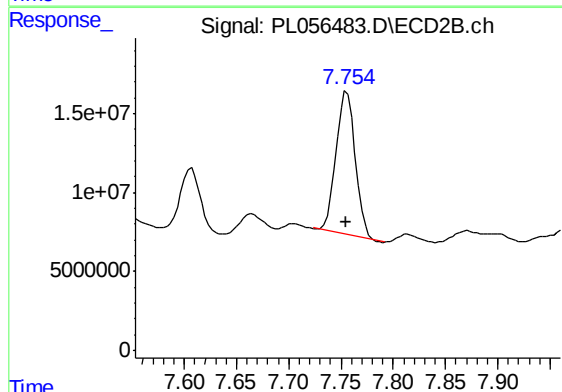
#21 Endrin ketone

R.T.: 7.199 min
Delta R.T.: 0.000 min
Response: 480495885
Conc: 36.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11931MS

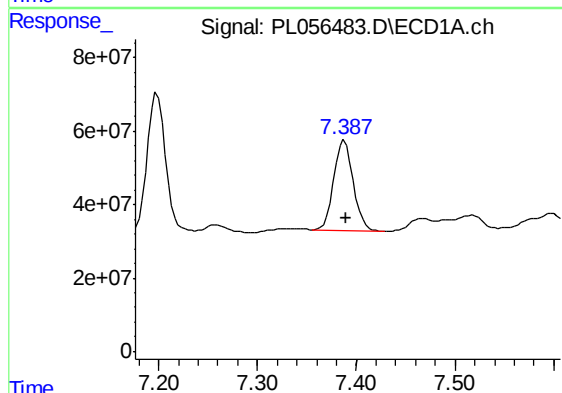
Manual Integrations
APPROVED

mohammad
2/12/2020 12:34:02 PM



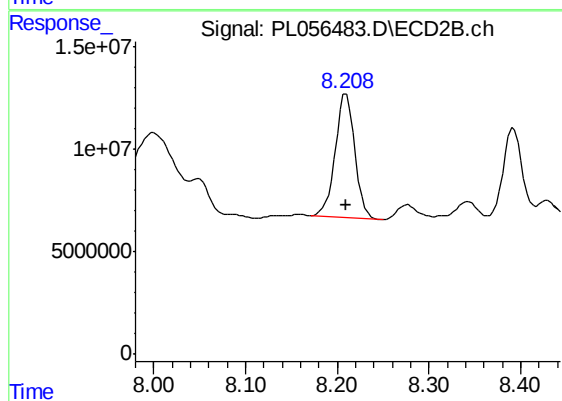
#21 Endrin ketone

R.T.: 7.756 min
Delta R.T.: 0.000 min
Response: 116994440
Conc: 43.87 ng/ml



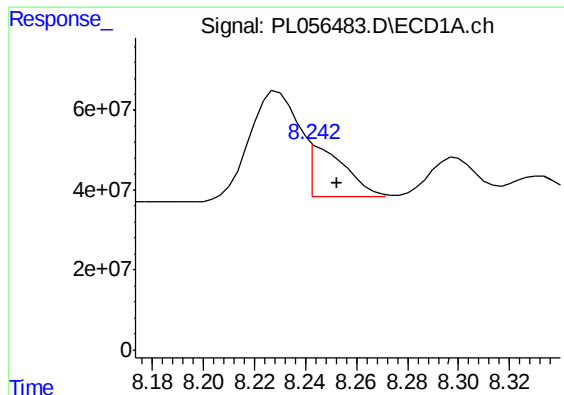
#22 Mirex

R.T.: 7.388 min
Delta R.T.: -0.001 min
Response: 334263373
Conc: 36.18 ng/ml



#22 Mirex

R.T.: 8.210 min
Delta R.T.: 0.000 min
Response: 89407865
Conc: 49.18 ng/ml



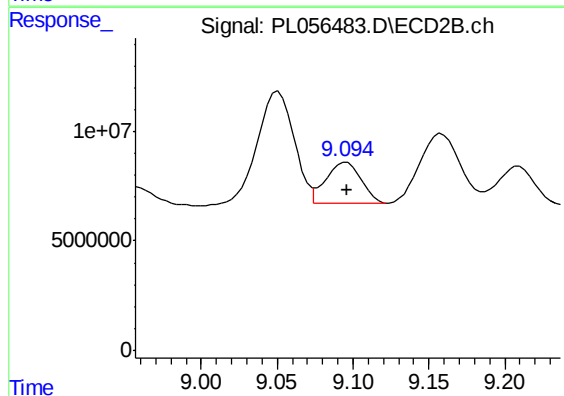
#28 Decachlorobiphenyl

R.T.: 8.242 min
Delta R.T.: -0.010 min
Response: 111965742
Conc: 10.63 ng/ml m

Instrument :
ECD_L
ClientSampleId :
72-11931MS

Manual Integrations
APPROVED

mohammad
2/12/2020 12:34:02 PM



#28 Decachlorobiphenyl

R.T.: 9.094 min
Delta R.T.: -0.002 min
Response: 29590200
Conc: 13.08 ng/ml m