

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012720\
 Data File : PL056089.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jan 2020 17:10
 Operator : AJ\MA
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

mohammad
 1/29/2020 11:51:46 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 27 17:40:18 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012020.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 02:21:03 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	3.962	470.9E6	147.6E6	49.136	52.216
28)	SA Decachlor...	8.236	8.946	479.5E6	104.1E6	45.860	45.424
Target Compounds							
2)	A alpha-BHC	3.928	4.344	814.9E6	227.7E6	49.113	53.702
3)	MA gamma-BHC...	4.211	4.624	764.6E6	210.6E6	50.400	53.083
4)	MA Heptachlor	4.512	5.121	734.2E6	185.3E6	49.166	54.798m
5)	MB Aldrin	4.761	5.423	741.9E6	181.3E6	50.692	52.889
6)	B beta-BHC	4.460	4.791	310.2E6	93695195	48.341	59.041m
7)	B delta-BHC	4.665	5.006	752.0E6	179.6E6	51.303	60.105
8)	B Heptachlo...	5.202	5.803	699.1E6	159.6E6	50.683	53.427
9)	A Endosulfan I	5.541	6.157	647.1E6	151.0E6	49.872	51.862
10)	B gamma-Chl...	5.428	6.035	711.4E6	161.9E6	50.709	52.494
11)	B alpha-Chl...	5.487	6.106	693.1E6	160.2E6	50.135	51.899
12)	B 4,4'-DDE	5.649	6.261	693.0E6	152.7E6	53.054	52.158
13)	MA Dieldrin	5.784	6.410	711.5E6	158.0E6	51.436	52.283
14)	MA Endrin	6.041	6.625	589.2E6	118.4E6	46.639	46.734
15)	B Endosulfa...	6.313	6.833	577.3E6	134.1E6	51.697	49.989
16)	A 4,4'-DDD	6.164	6.745	592.0E6	133.6E6	59.451	57.936m
17)	MA 4,4'-DDT	6.404	7.041	436.3E6	96206946	43.109	42.611
18)	B Endrin al...	6.480	6.956	517.9E6	113.9E6	49.834	50.463
19)	B Endosulfa...	6.693	7.176	542.9E6	124.5E6	50.198	50.285
20)	A Methoxychlor	6.947	7.495	234.8E6	51058459	44.989	42.791
21)	B Endrin ke...	7.183	7.643	659.3E6	138.2E6	52.367	52.340
22)	Mirex	7.372	8.092	368.8E6	86985359	52.510	47.671

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012720\
Data File : PL056089.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jan 2020 17:10
Operator : AJ\MA
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

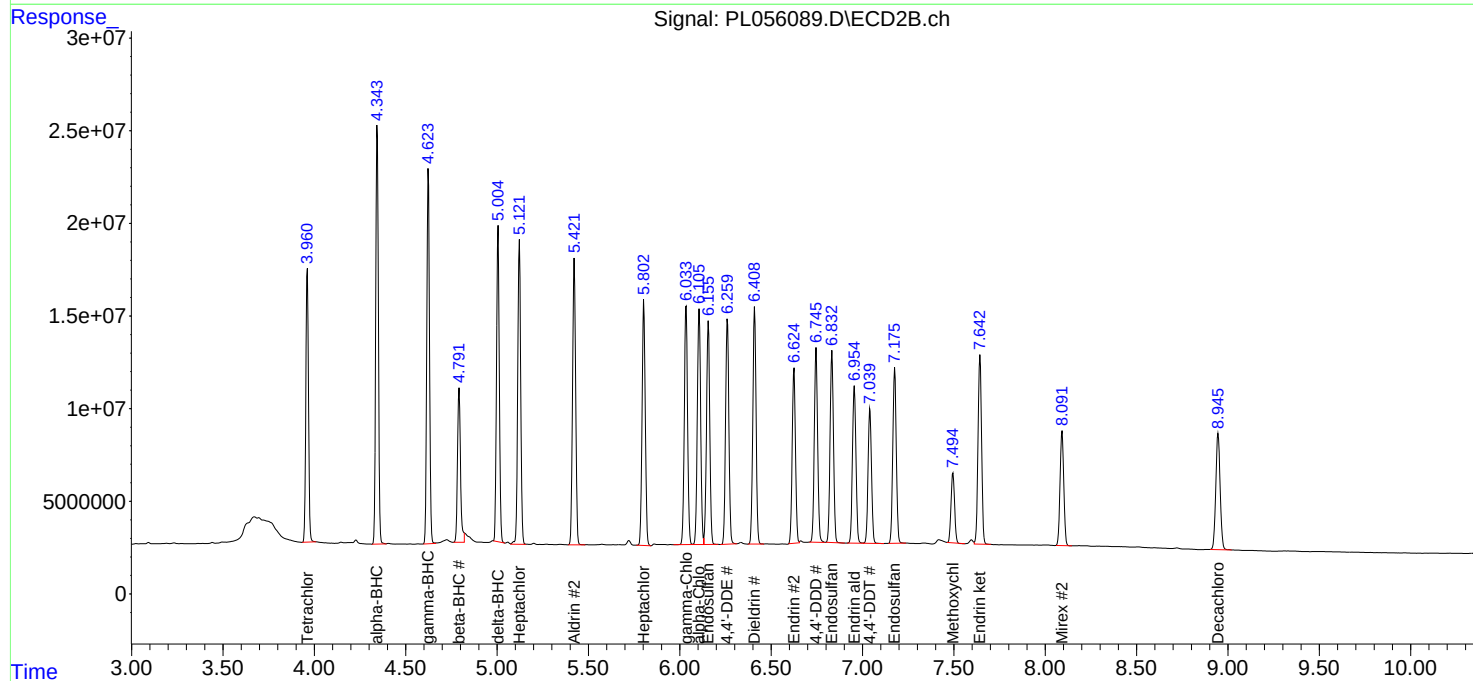
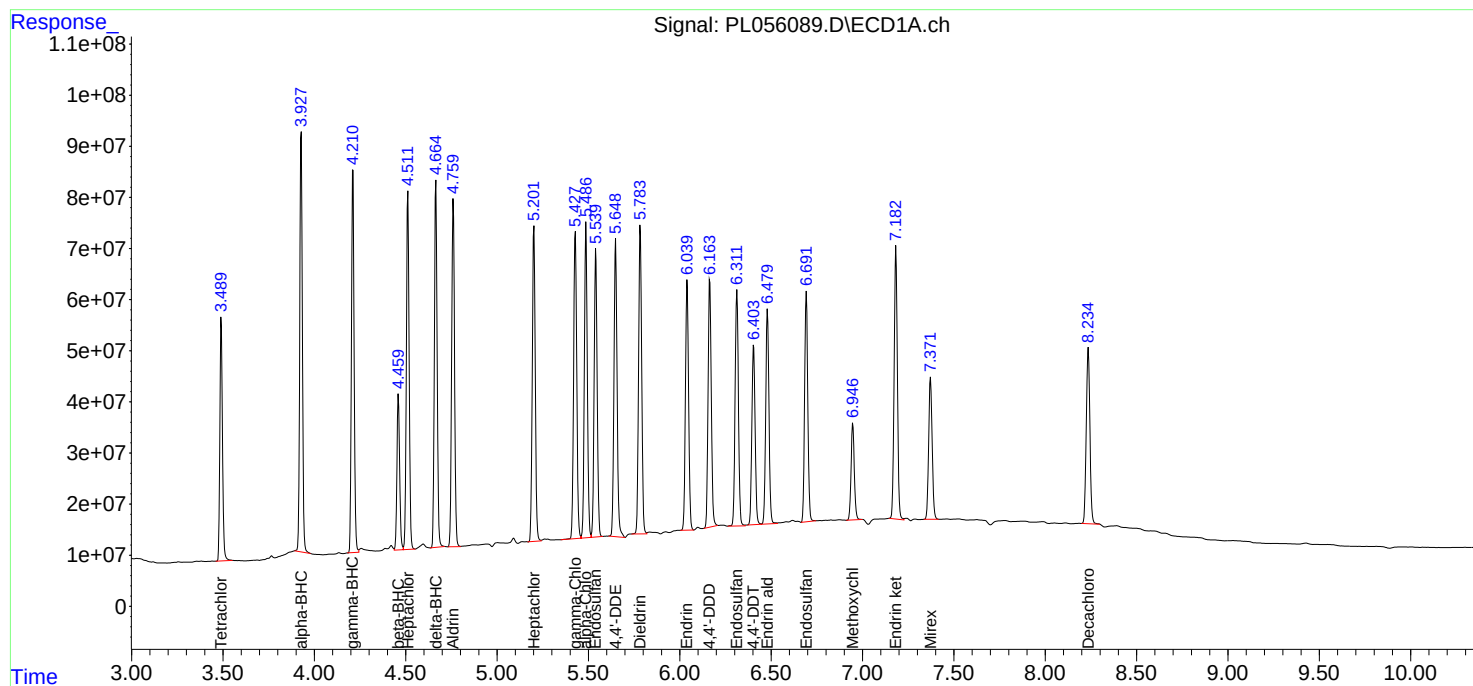
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

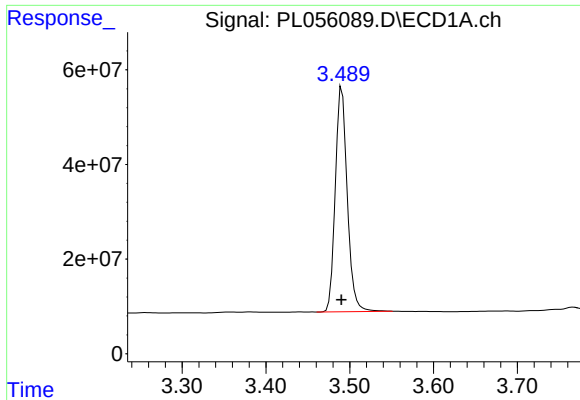
Manual Integrations
APPROVED

mohammad
1/29/2020 11:51:46 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 27 17:40:18 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012020.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 02:21:03 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





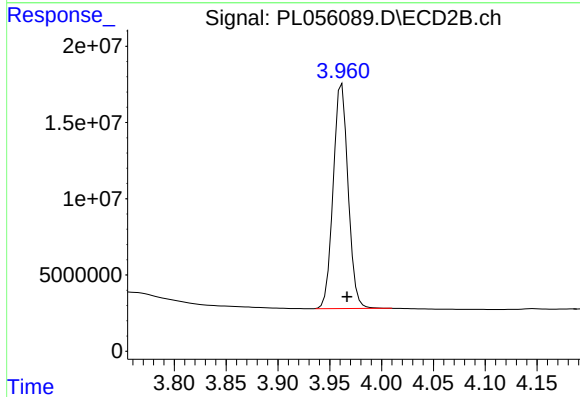
#1 Tetrachloro-m-xylene

R.T.: 3.491 min
Delta R.T.: 0.000 min
Response: 470938397
Conc: 49.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

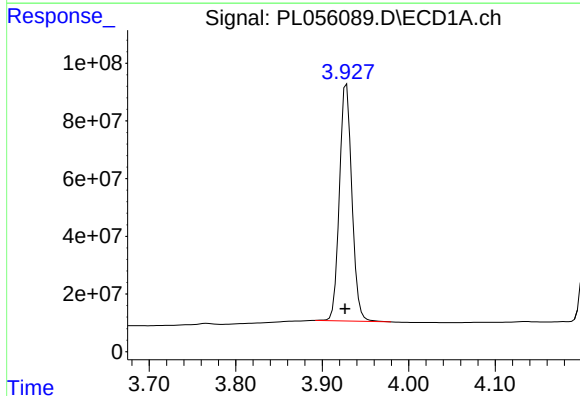
Manual Integrations
APPROVED

mohammad
1/29/2020 11:51:46 AM



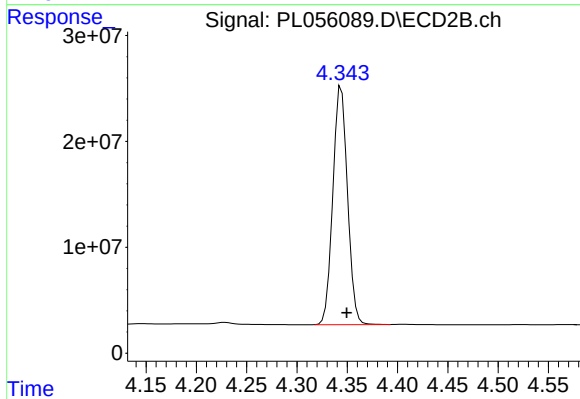
#1 Tetrachloro-m-xylene

R.T.: 3.962 min
Delta R.T.: -0.005 min
Response: 147575403
Conc: 52.22 ng/ml



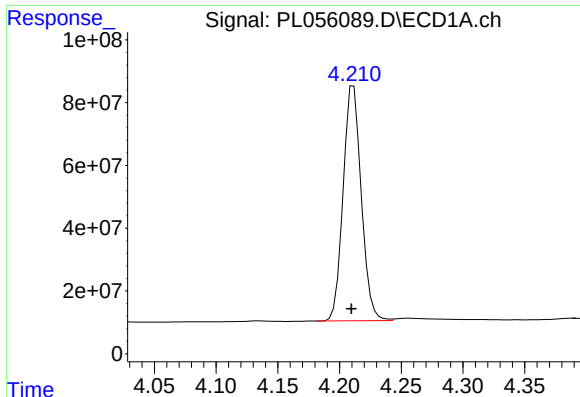
#2 alpha-BHC

R.T.: 3.928 min
Delta R.T.: 0.002 min
Response: 814946081
Conc: 49.11 ng/ml



#2 alpha-BHC

R.T.: 4.344 min
Delta R.T.: -0.005 min
Response: 227739895
Conc: 53.70 ng/ml



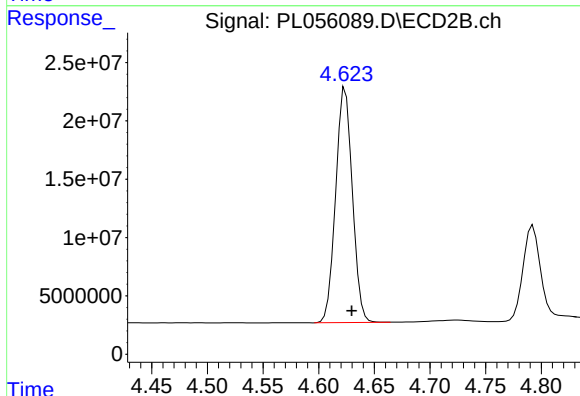
#3 gamma-BHC (Lindane)

R.T.: 4.211 min
Delta R.T.: 0.002 min
Response: 764624139
Conc: 50.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

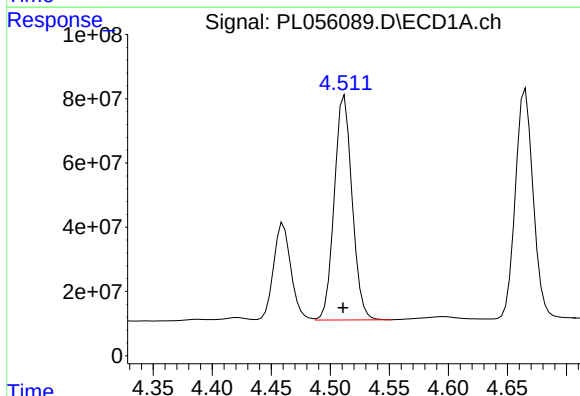
Manual Integrations
APPROVED

mohammad
1/29/2020 11:51:46 AM



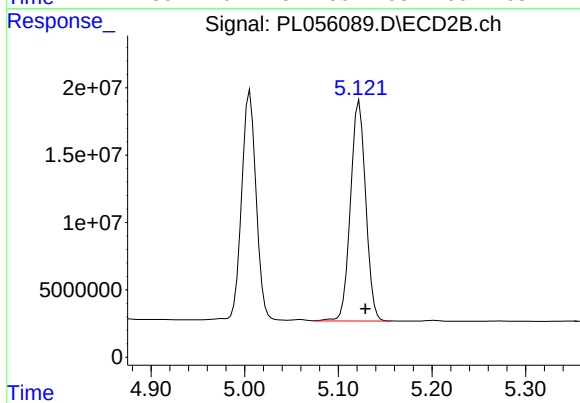
#3 gamma-BHC (Lindane)

R.T.: 4.624 min
Delta R.T.: -0.006 min
Response: 210572298
Conc: 53.08 ng/ml



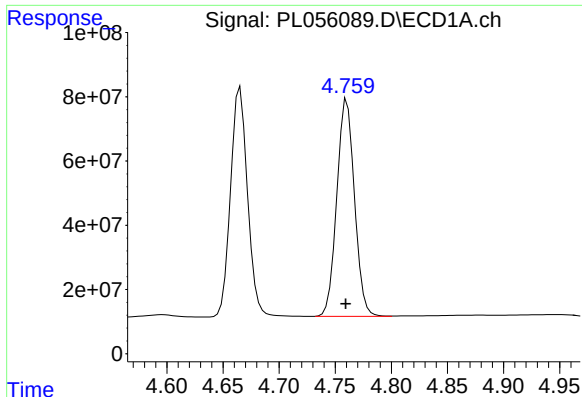
#4 Heptachlor

R.T.: 4.512 min
Delta R.T.: 0.001 min
Response: 734171339
Conc: 49.17 ng/ml



#4 Heptachlor

R.T.: 5.121 min
Delta R.T.: -0.008 min
Response: 185291789
Conc: 54.80 ng/ml m



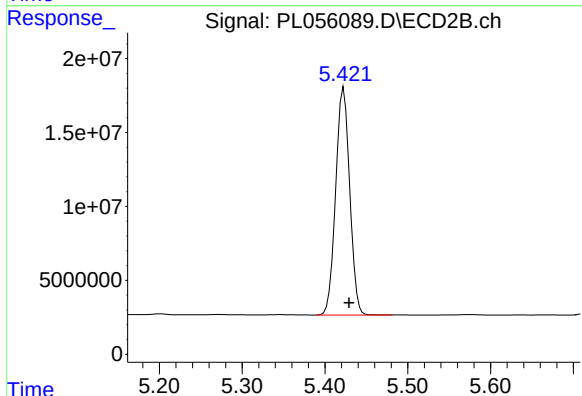
#5 Aldrin

R.T.: 4.761 min
Delta R.T.: 0.001 min
Response: 741913002
Conc: 50.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

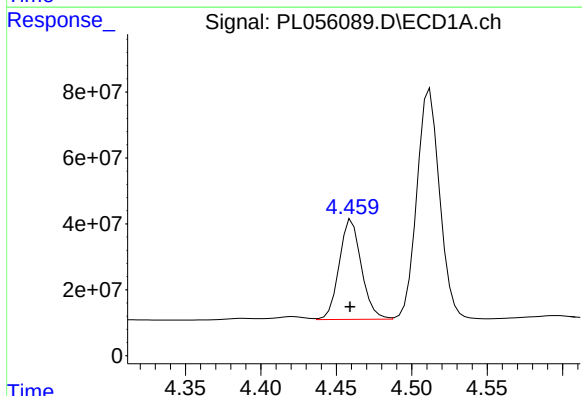
Manual Integrations
APPROVED

mohammad
1/29/2020 11:51:46 AM



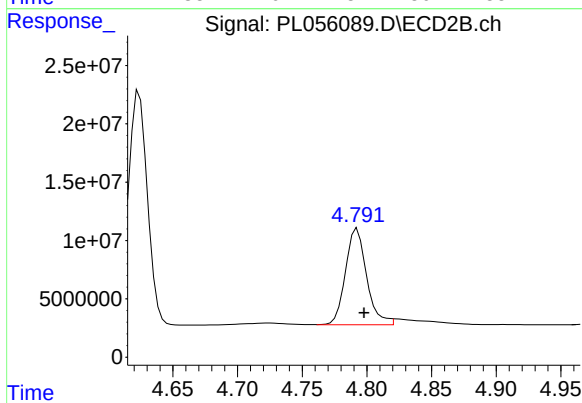
#5 Aldrin

R.T.: 5.423 min
Delta R.T.: -0.006 min
Response: 181297247
Conc: 52.89 ng/ml



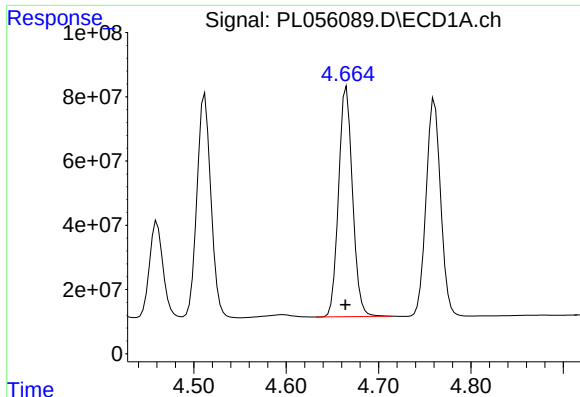
#6 beta-BHC

R.T.: 4.460 min
Delta R.T.: 0.001 min
Response: 310219497
Conc: 48.34 ng/ml



#6 beta-BHC

R.T.: 4.791 min
Delta R.T.: -0.007 min
Response: 93695195
Conc: 59.04 ng/ml m



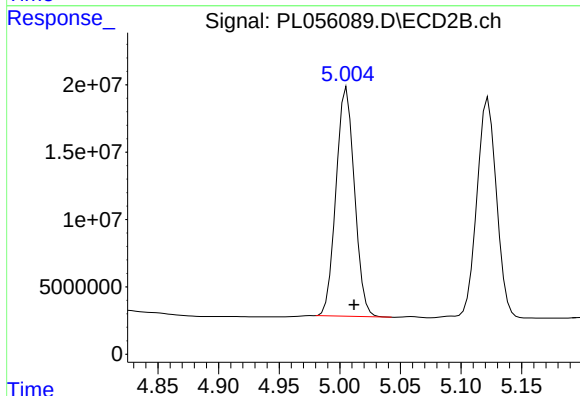
#7 delta-BHC

R.T.: 4.665 min
Delta R.T.: 0.001 min
Response: 751953942
Conc: 51.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

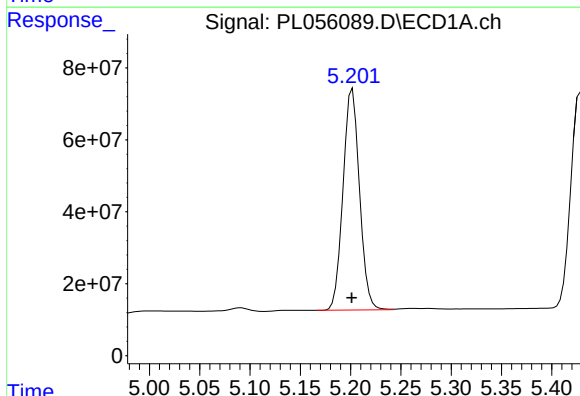
Manual Integrations
APPROVED

mohammad
1/29/2020 11:51:46 AM



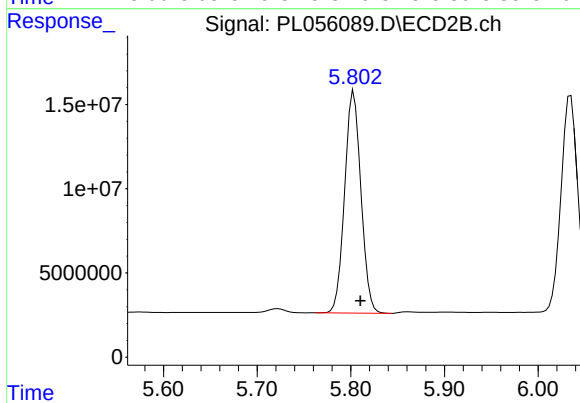
#7 delta-BHC

R.T.: 5.006 min
Delta R.T.: -0.006 min
Response: 179585261
Conc: 60.10 ng/ml



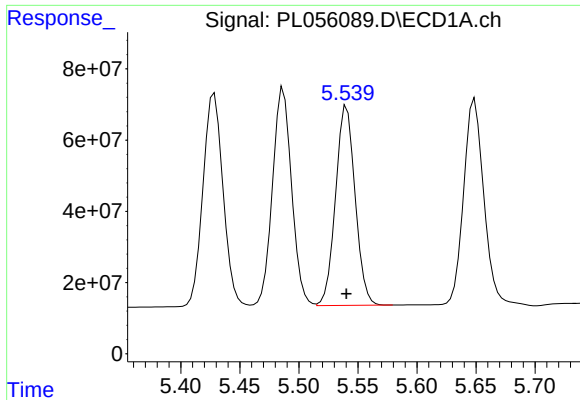
#8 Heptachlor epoxide

R.T.: 5.202 min
Delta R.T.: 0.000 min
Response: 699122724
Conc: 50.68 ng/ml



#8 Heptachlor epoxide

R.T.: 5.803 min
Delta R.T.: -0.007 min
Response: 159644764
Conc: 53.43 ng/ml



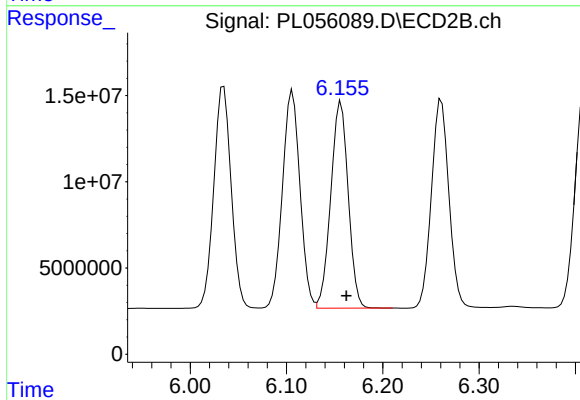
#9 Endosulfan I

R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 647087590
Conc: 49.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

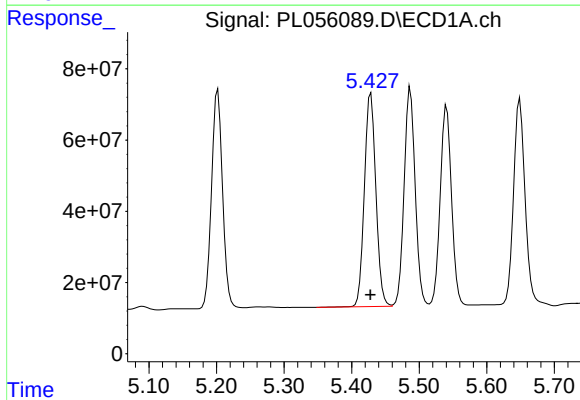
Manual Integrations
APPROVED

mohammad
1/29/2020 11:51:46 AM



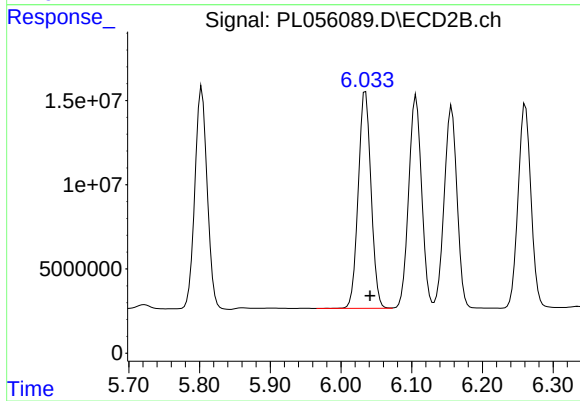
#9 Endosulfan I

R.T.: 6.157 min
Delta R.T.: -0.006 min
Response: 151010939
Conc: 51.86 ng/ml



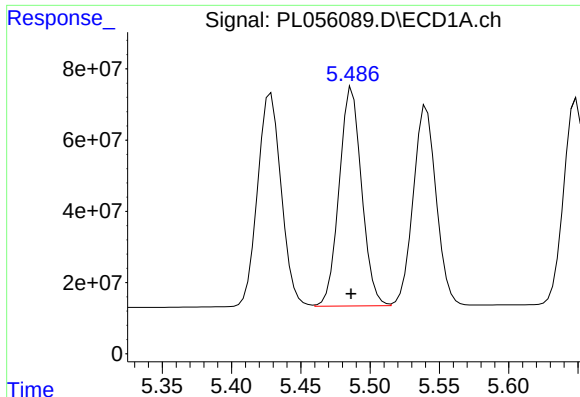
#10 gamma-Chlordane

R.T.: 5.428 min
Delta R.T.: 0.000 min
Response: 711408935
Conc: 50.71 ng/ml



#10 gamma-Chlordane

R.T.: 6.035 min
Delta R.T.: -0.007 min
Response: 161879859
Conc: 52.49 ng/ml



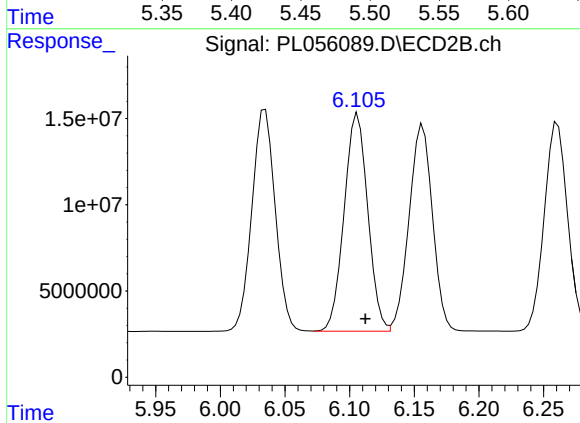
#11 alpha-Chlordane

R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 693081333
Conc: 50.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

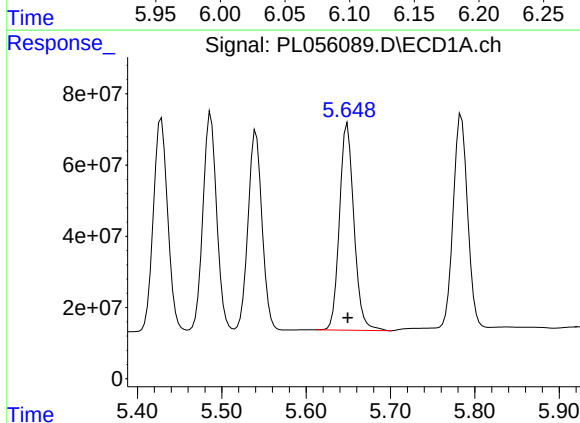
Manual Integrations
APPROVED

mohammad
1/29/2020 11:51:46 AM



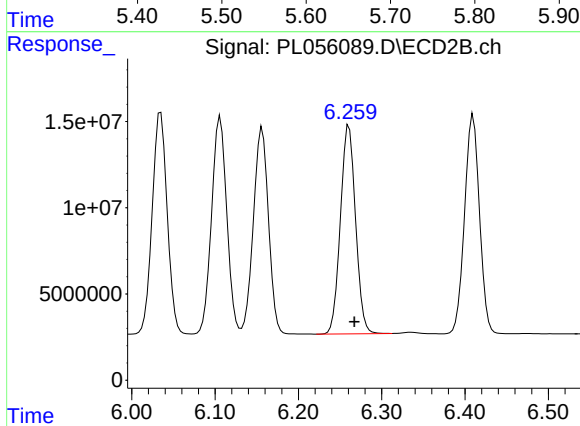
#11 alpha-Chlordane

R.T.: 6.106 min
Delta R.T.: -0.006 min
Response: 160242507
Conc: 51.90 ng/ml



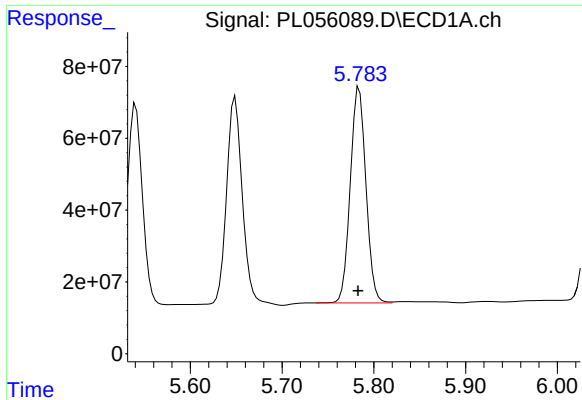
#12 4,4'-DDE

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 692967653
Conc: 53.05 ng/ml



#12 4,4'-DDE

R.T.: 6.261 min
Delta R.T.: -0.007 min
Response: 152746746
Conc: 52.16 ng/ml



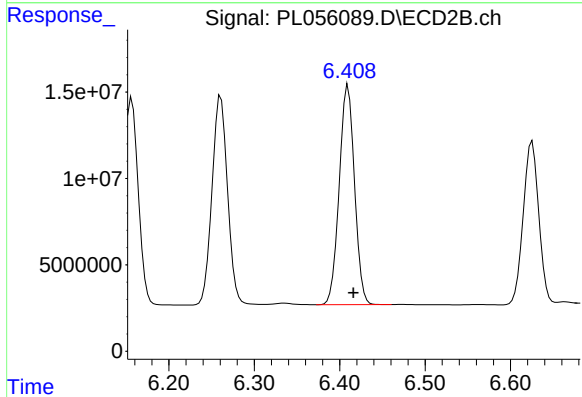
#13 Dieldrin

R.T.: 5.784 min
Delta R.T.: 0.001 min
Response: 711476551
Conc: 51.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

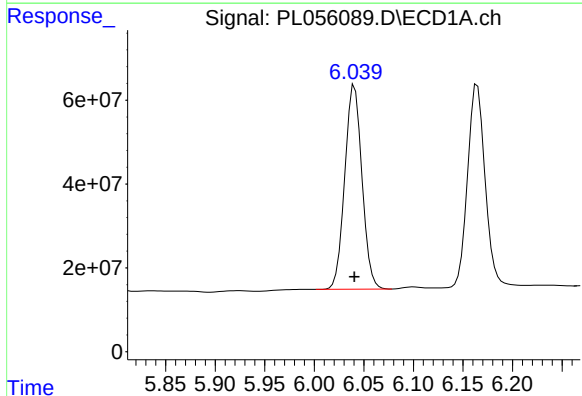
Manual Integrations
APPROVED

mohammad
1/29/2020 11:51:46 AM



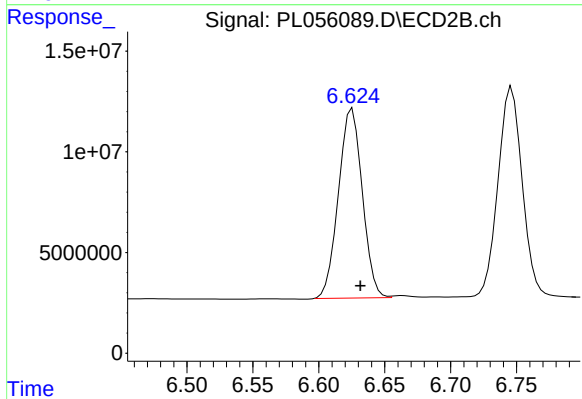
#13 Dieldrin

R.T.: 6.410 min
Delta R.T.: -0.006 min
Response: 158005662
Conc: 52.28 ng/ml



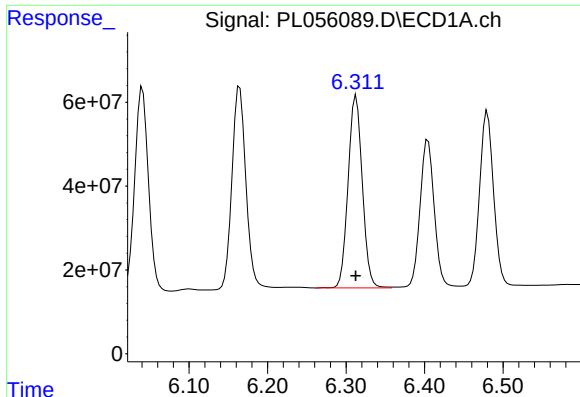
#14 Endrin

R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 589217459
Conc: 46.64 ng/ml



#14 Endrin

R.T.: 6.625 min
Delta R.T.: -0.006 min
Response: 118410207
Conc: 46.73 ng/ml



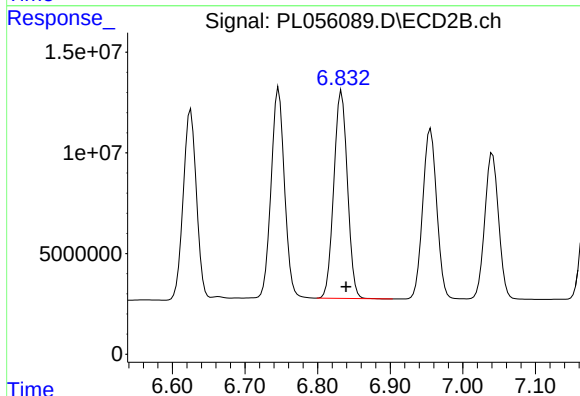
#15 Endosulfan II

R.T.: 6.313 min
Delta R.T.: 0.000 min
Response: 577318169
Conc: 51.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

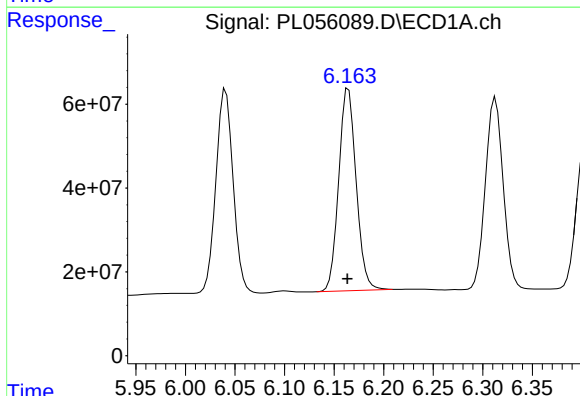
Manual Integrations
APPROVED

mohammad
1/29/2020 11:51:46 AM



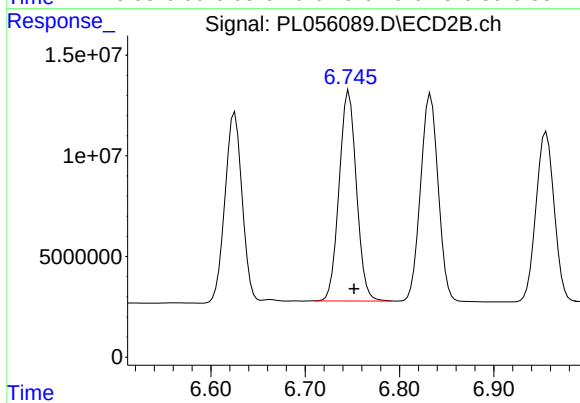
#15 Endosulfan II

R.T.: 6.833 min
Delta R.T.: -0.006 min
Response: 134059890
Conc: 49.99 ng/ml



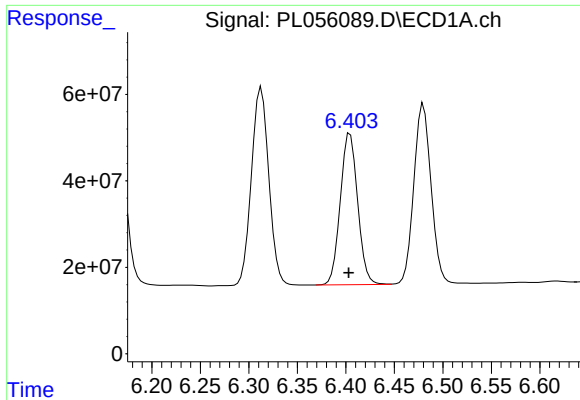
#16 4,4'-DDD

R.T.: 6.164 min
Delta R.T.: 0.000 min
Response: 591976719
Conc: 59.45 ng/ml



#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: -0.007 min
Response: 133564137
Conc: 57.94 ng/ml m



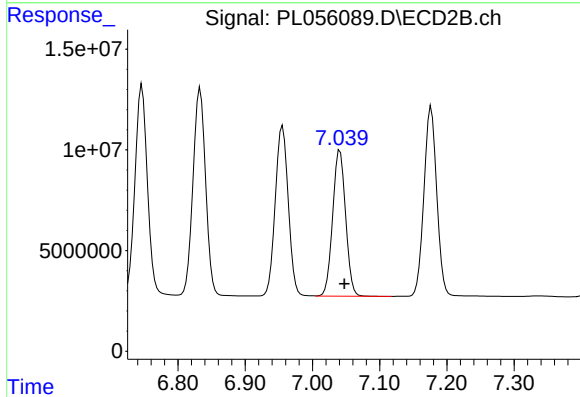
#17 4,4'-DDT

R.T.: 6.404 min
Delta R.T.: 0.001 min
Response: 436305478
Conc: 43.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

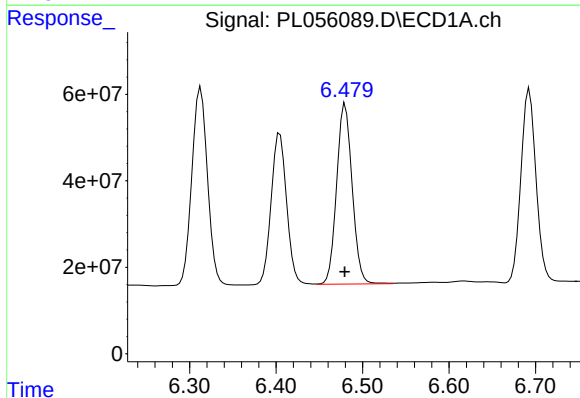
Manual Integrations
APPROVED

mohammad
1/29/2020 11:51:46 AM



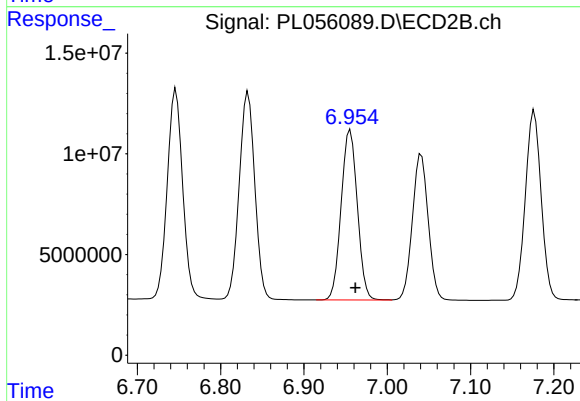
#17 4,4'-DDT

R.T.: 7.041 min
Delta R.T.: -0.007 min
Response: 96206946
Conc: 42.61 ng/ml



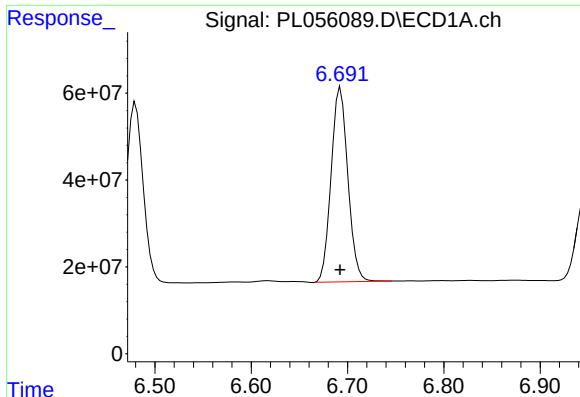
#18 Endrin aldehyde

R.T.: 6.480 min
Delta R.T.: 0.000 min
Response: 517911106
Conc: 49.83 ng/ml



#18 Endrin aldehyde

R.T.: 6.956 min
Delta R.T.: -0.006 min
Response: 113919200
Conc: 50.46 ng/ml



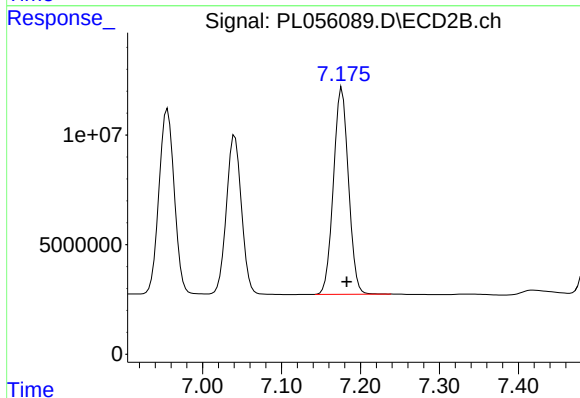
#19 Endosulfan Sulfate

R.T.: 6.693 min
Delta R.T.: 0.000 min
Response: 542890269
Conc: 50.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

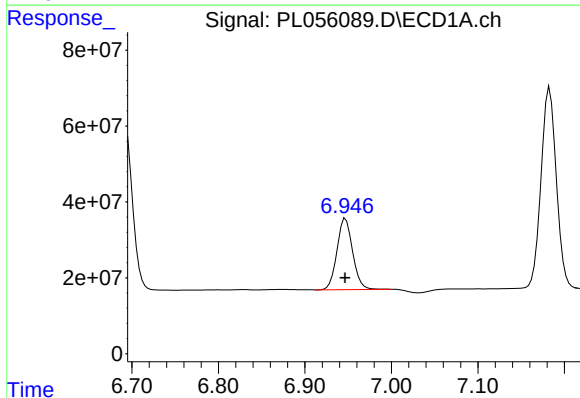
Manual Integrations
APPROVED

mohammad
1/29/2020 11:51:46 AM



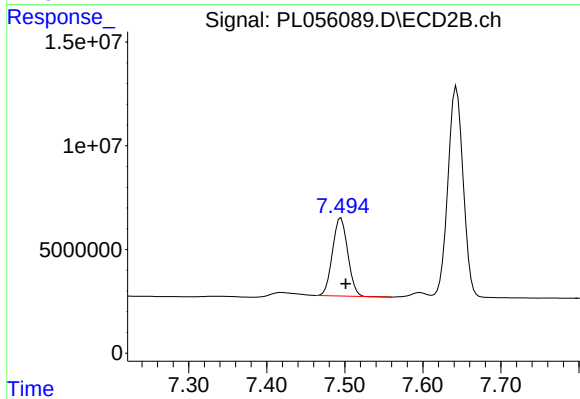
#19 Endosulfan Sulfate

R.T.: 7.176 min
Delta R.T.: -0.006 min
Response: 124486582
Conc: 50.29 ng/ml



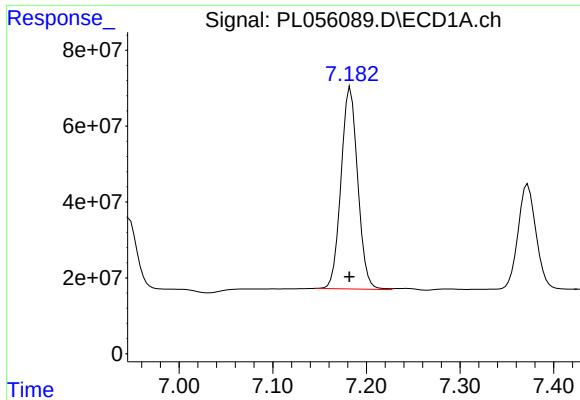
#20 Methoxychlor

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 234768880
Conc: 44.99 ng/ml



#20 Methoxychlor

R.T.: 7.495 min
Delta R.T.: -0.006 min
Response: 51058459
Conc: 42.79 ng/ml



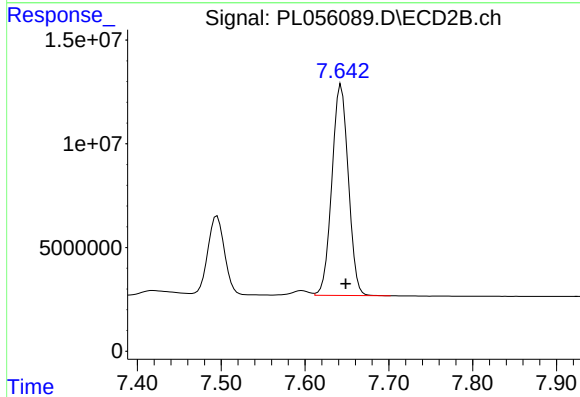
#21 Endrin ketone

R.T.: 7.183 min
Delta R.T.: 0.001 min
Response: 659251980
Conc: 52.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

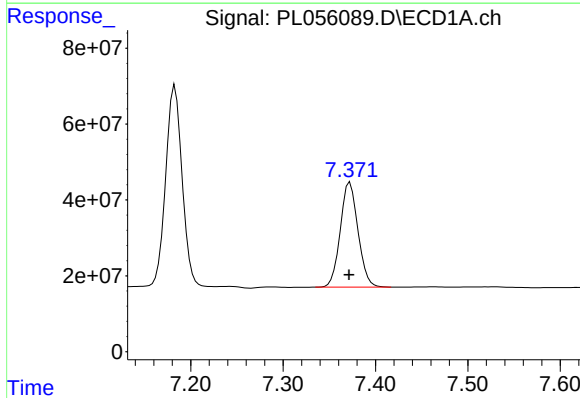
Manual Integrations
APPROVED

mohammad
1/29/2020 11:51:46 AM



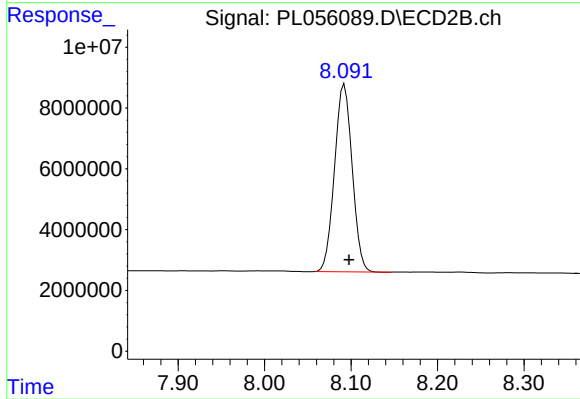
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: -0.006 min
Response: 138211096
Conc: 52.34 ng/ml



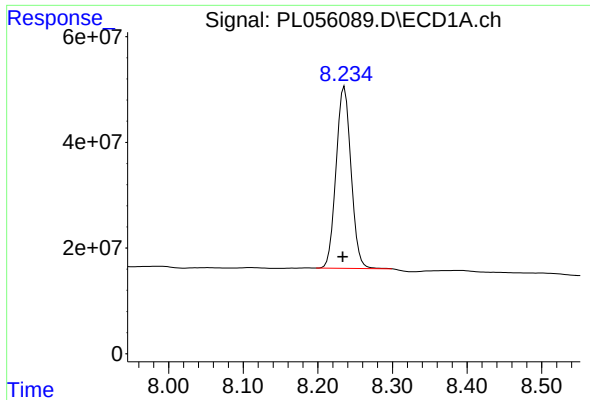
#22 Mirex

R.T.: 7.372 min
Delta R.T.: 0.001 min
Response: 368797278
Conc: 52.51 ng/ml



#22 Mirex

R.T.: 8.092 min
Delta R.T.: -0.005 min
Response: 86985359
Conc: 47.67 ng/ml



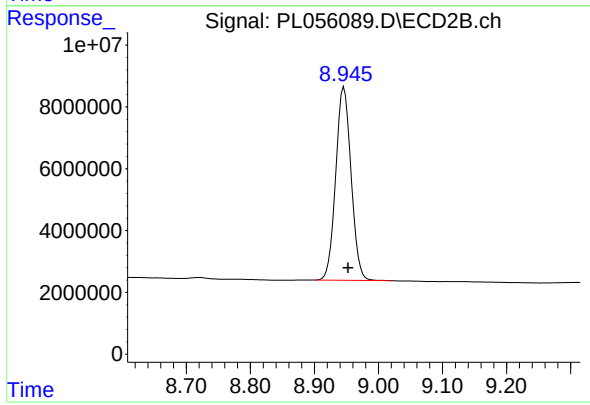
#28 Decachlorobiphenyl

R.T.: 8.236 min
Delta R.T.: 0.002 min
Response: 479496680
Conc: 45.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

mohammad
1/29/2020 11:51:46 AM



#28 Decachlorobiphenyl

R.T.: 8.946 min
Delta R.T.: -0.006 min
Response: 104065906
Conc: 45.42 ng/ml