

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012720\
 Data File : PL056078.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jan 2020 13:54
 Operator : AJ\MA
 Sample : PB126343BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB126343BS

Manual Integrations
 APPROVED

mohammad
 1/29/2020 11:51:35 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 27 18:07:45 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...	3.493	3.960	174.2E6	56718689	18.176	20.069
28)	SA Decachlor...	8.239	8.949	188.2E6	41331791	18.002	18.041
Target Compounds							
2)	A alpha-BHC	3.930	4.343	760.5E6	208.9E6	45.829	49.258
3)	MA gamma-BHC...	4.213	4.622	728.5E6	194.1E6	48.021	48.926
4)	MA Heptachlor	4.515	5.120	667.1E6	166.4E6	44.676	49.211m
5)	MB Aldrin	4.763	5.422	715.1E6	170.0E6	48.857	49.588
6)	B beta-BHC	4.462	4.789	291.9E6	88255264	45.484	55.613m
7)	B delta-BHC	4.668	5.005	630.5E6	147.9E6	43.017	49.497
8)	B Heptachlo...	5.205	5.804	676.5E6	149.9E6	49.046	50.180
9)	A Endosulfan I	5.544	6.156	624.8E6	142.9E6	48.152	49.083
10)	B gamma-Chl...	5.432	6.035	689.6E6	152.1E6	49.153	49.308
11)	B alpha-Chl...	5.489	6.106	670.7E6	150.8E6	48.516	48.856
12)	B 4,4'-DDE	5.652	6.261	667.5E6	144.9E6	51.102	49.488
13)	MA Dieldrin	5.787	6.410	689.1E6	148.5E6	49.816	49.141
14)	MA Endrin	6.043	6.626	555.9E6	109.7E6	44.003	43.287
15)	B Endosulfa...	6.316	6.834	570.3E6	126.8E6	51.065	47.276
16)	A 4,4'-DDD	6.167	6.747	559.8E6	119.8E6	56.219	51.959
17)	MA 4,4'-DDT	6.407	7.042	456.1E6	97081026	45.069	42.998
18)	B Endrin al...	6.483	6.957	503.0E6	109.1E6	48.396	48.330
19)	B Endosulfa...	6.695	7.178	532.4E6	116.4E6	49.229	47.028
20)	A Methoxychlor	6.950	7.496	230.6E6	50114419	44.189	42.000
21)	B Endrin ke...	7.186	7.645	650.9E6	131.8E6	51.704	49.902
22)	Mirex	7.375	8.094	391.3E6	84963267	55.713	46.563

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012720\
Data File : PL056078.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jan 2020 13:54
Operator : AJ\MA
Sample : PB126343BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

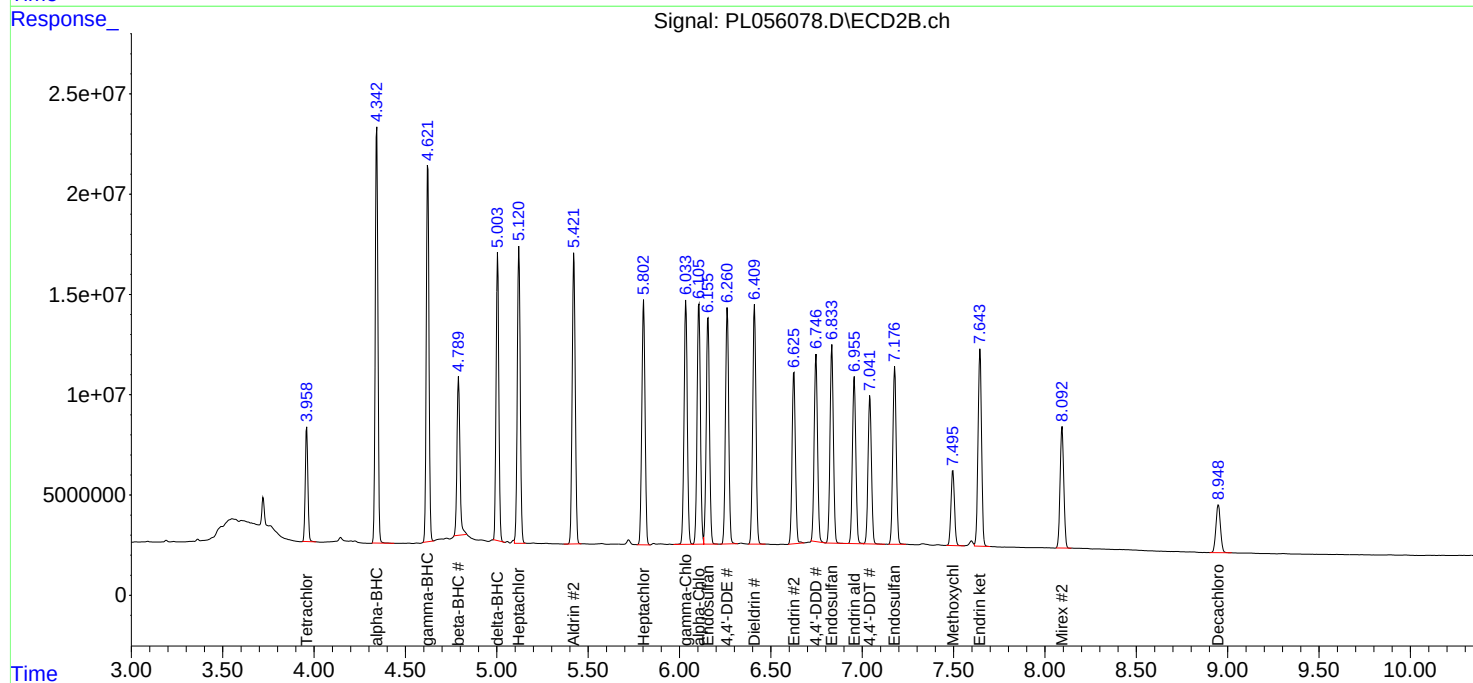
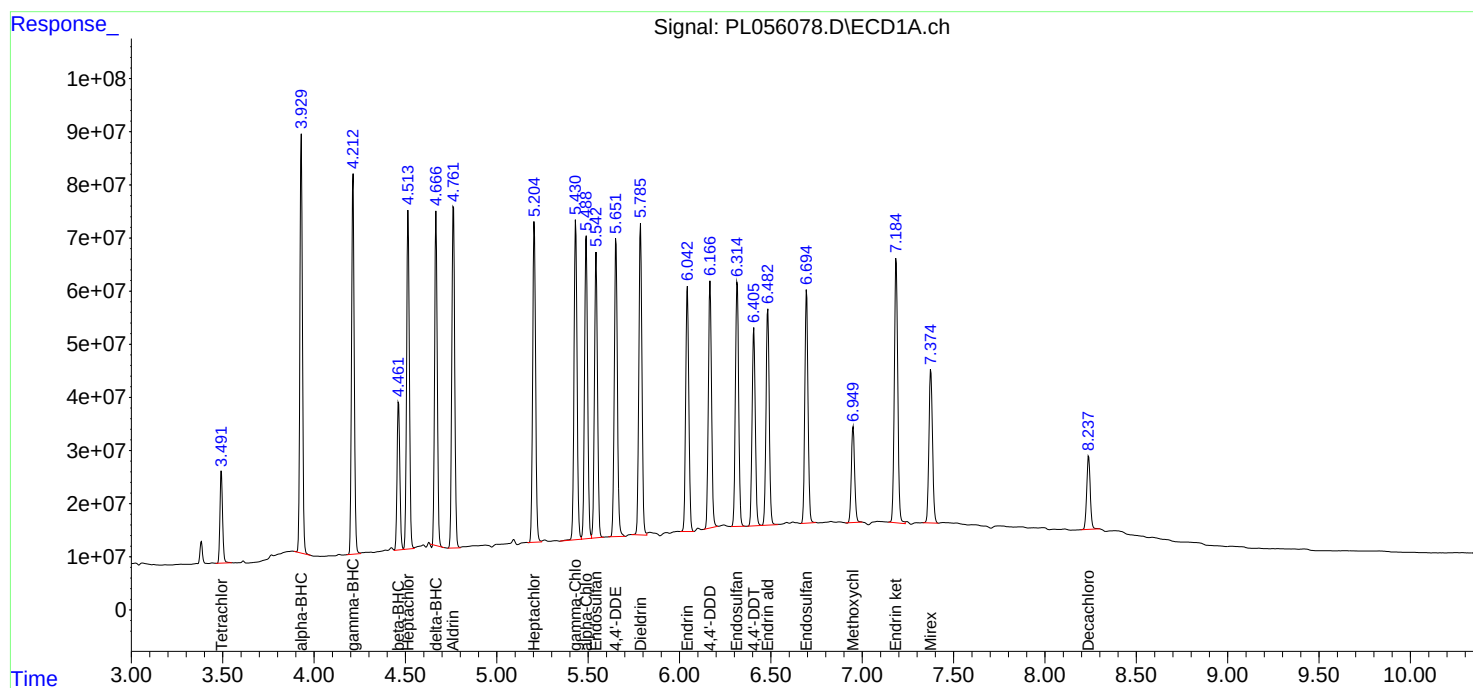
Instrument :
ECD_L
ClientSampleId :
PB126343BS

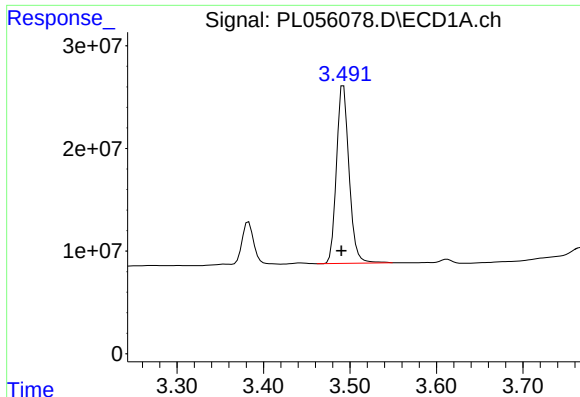
Manual Integrations
APPROVED

mohammad
1/29/2020 11:51:35 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 27 18:07:45 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





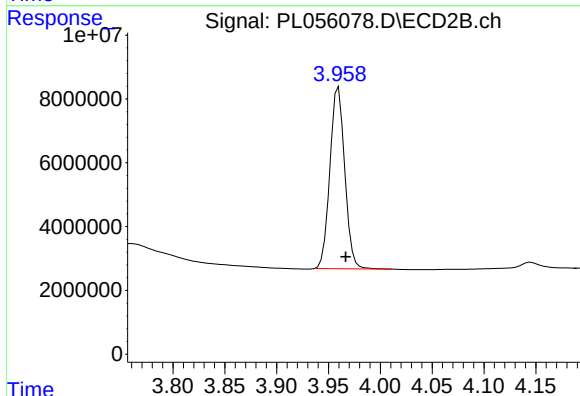
#1 Tetrachloro-m-xylene

R.T.: 3.493 min
Delta R.T.: 0.003 min
Response: 174206047
Conc: 18.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126343BS

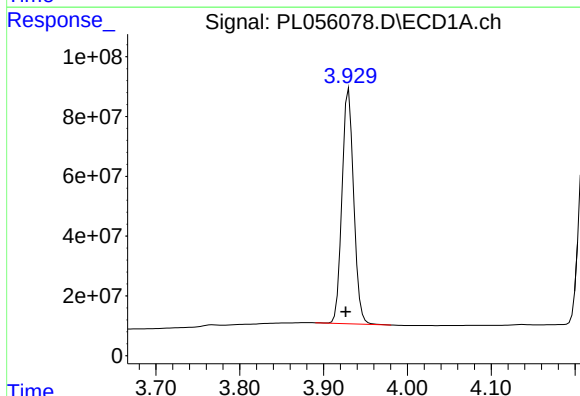
Manual Integrations
APPROVED

mohammad
1/29/2020 11:51:35 AM



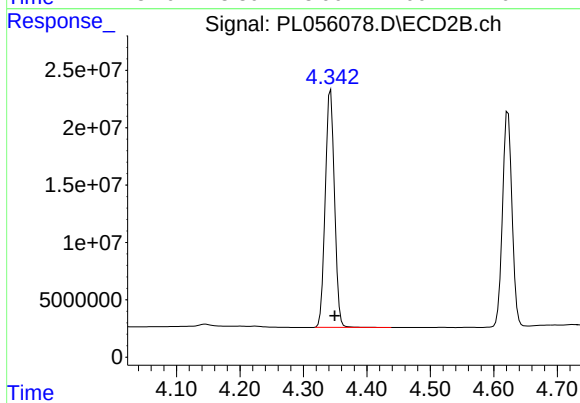
#1 Tetrachloro-m-xylene

R.T.: 3.960 min
Delta R.T.: -0.007 min
Response: 56718689
Conc: 20.07 ng/ml



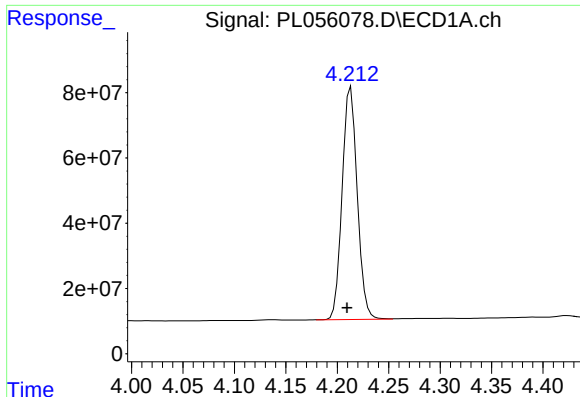
#2 alpha-BHC

R.T.: 3.930 min
Delta R.T.: 0.004 min
Response: 760455773
Conc: 45.83 ng/ml



#2 alpha-BHC

R.T.: 4.343 min
Delta R.T.: -0.007 min
Response: 208892584
Conc: 49.26 ng/ml



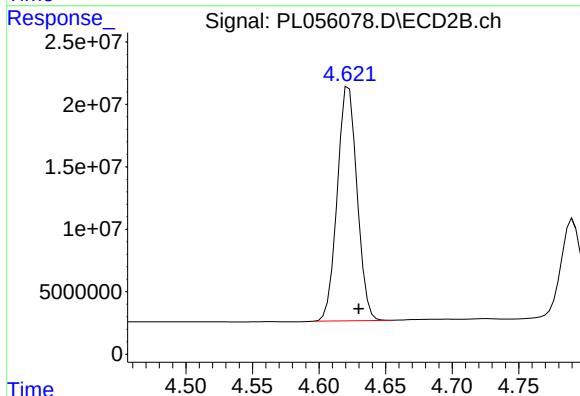
#3 gamma-BHC (Lindane)

R.T.: 4.213 min
Delta R.T.: 0.004 min
Response: 728518307
Conc: 48.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126343BS

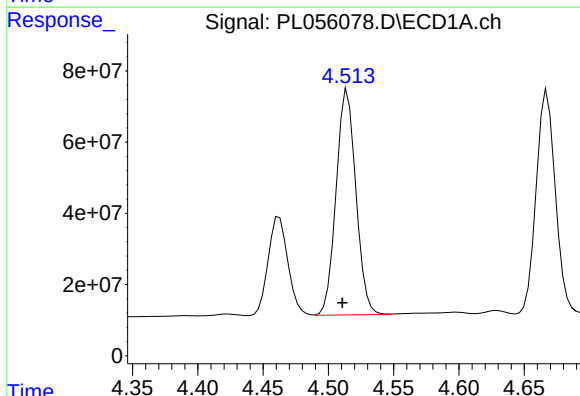
Manual Integrations
APPROVED

mohammad
1/29/2020 11:51:35 AM



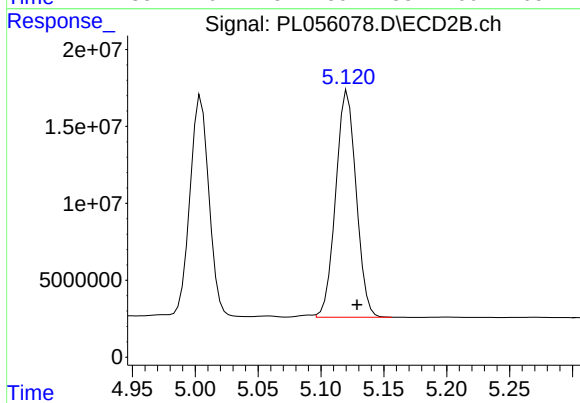
#3 gamma-BHC (Lindane)

R.T.: 4.622 min
Delta R.T.: -0.007 min
Response: 194081166
Conc: 48.93 ng/ml



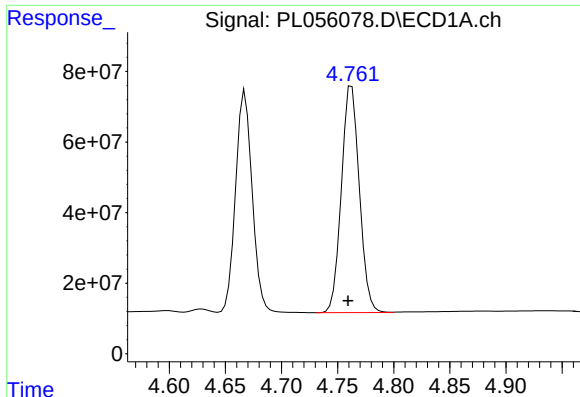
#4 Heptachlor

R.T.: 4.515 min
Delta R.T.: 0.004 min
Response: 667123596
Conc: 44.68 ng/ml



#4 Heptachlor

R.T.: 5.120 min
Delta R.T.: -0.009 min
Response: 166401059
Conc: 49.21 ng/ml m



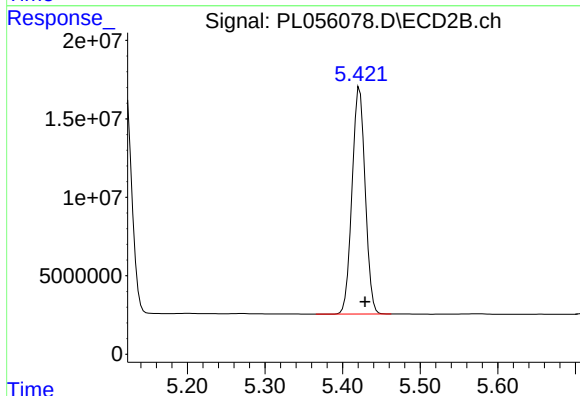
#5 Aldrin

R.T.: 4.763 min
Delta R.T.: 0.003 min
Response: 715058665
Conc: 48.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126343BS

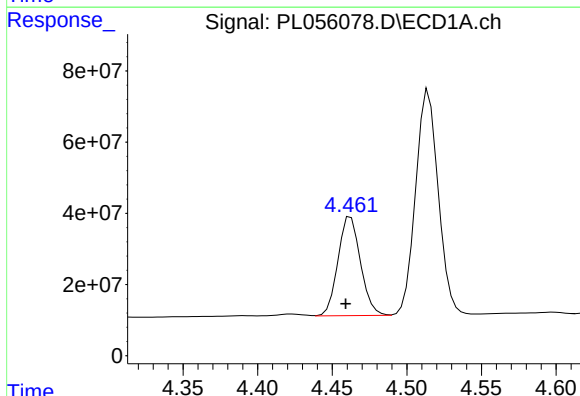
Manual Integrations
APPROVED

mohammad
1/29/2020 11:51:35 AM



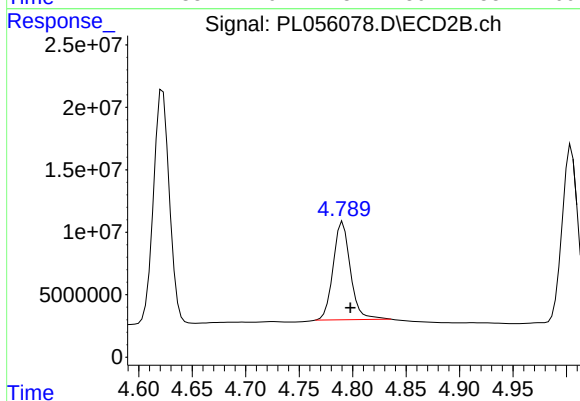
#5 Aldrin

R.T.: 5.422 min
Delta R.T.: -0.007 min
Response: 169981746
Conc: 49.59 ng/ml



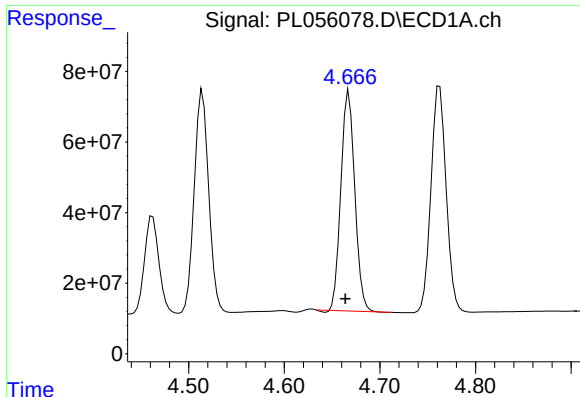
#6 beta-BHC

R.T.: 4.462 min
Delta R.T.: 0.003 min
Response: 291889897
Conc: 45.48 ng/ml



#6 beta-BHC

R.T.: 4.789 min
Delta R.T.: -0.008 min
Response: 88255264
Conc: 55.61 ng/ml m



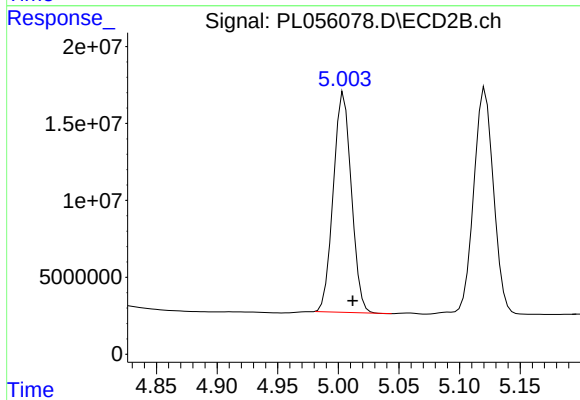
#7 delta-BHC

R.T.: 4.668 min
Delta R.T.: 0.004 min
Response: 630507126
Conc: 43.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126343BS

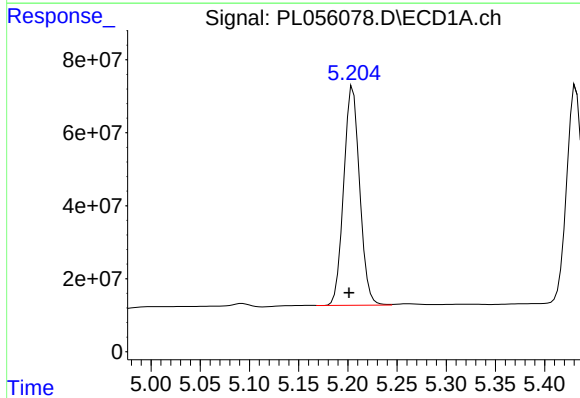
Manual Integrations
APPROVED

mohammad
1/29/2020 11:51:35 AM



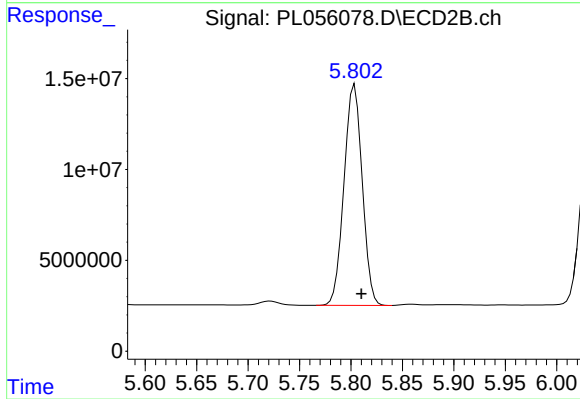
#7 delta-BHC

R.T.: 5.005 min
Delta R.T.: -0.007 min
Response: 147891331
Conc: 49.50 ng/ml



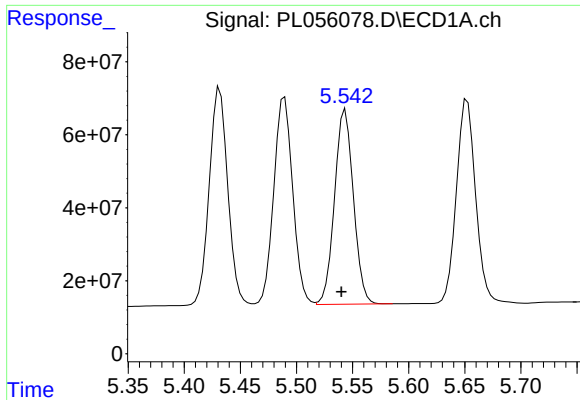
#8 Heptachlor epoxide

R.T.: 5.205 min
Delta R.T.: 0.004 min
Response: 676540077
Conc: 49.05 ng/ml



#8 Heptachlor epoxide

R.T.: 5.804 min
Delta R.T.: -0.007 min
Response: 149942083
Conc: 50.18 ng/ml



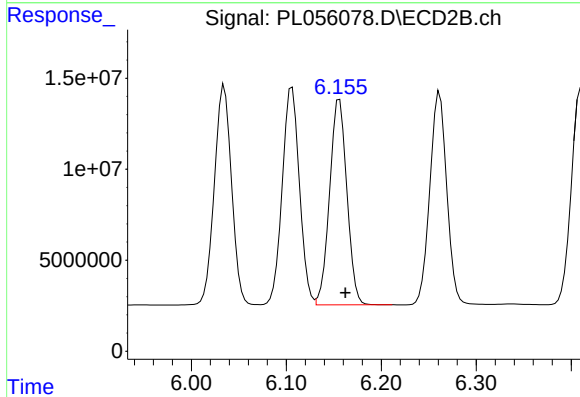
#9 Endosulfan I

R.T.: 5.544 min
Delta R.T.: 0.003 min
Response: 624773154
Conc: 48.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126343BS

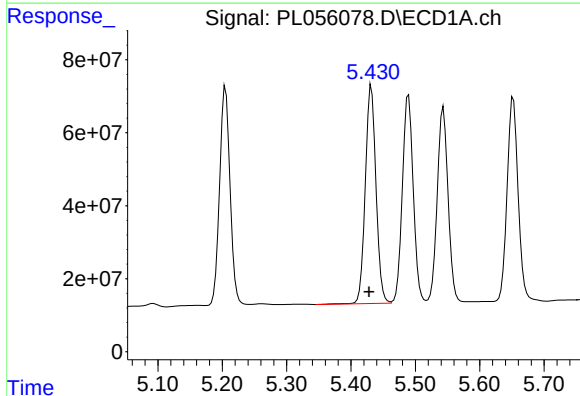
Manual Integrations
APPROVED

mohammad
1/29/2020 11:51:35 AM



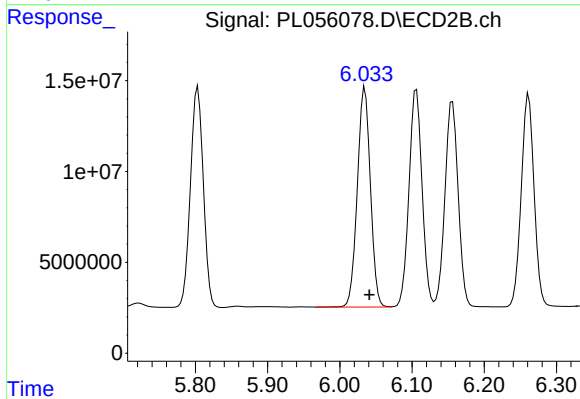
#9 Endosulfan I

R.T.: 6.156 min
Delta R.T.: -0.006 min
Response: 142917316
Conc: 49.08 ng/ml



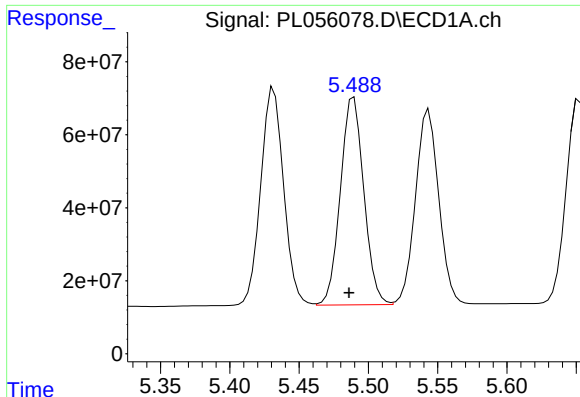
#10 gamma-Chlordane

R.T.: 5.432 min
Delta R.T.: 0.004 min
Response: 689591552
Conc: 49.15 ng/ml



#10 gamma-Chlordane

R.T.: 6.035 min
Delta R.T.: -0.007 min
Response: 152054070
Conc: 49.31 ng/ml



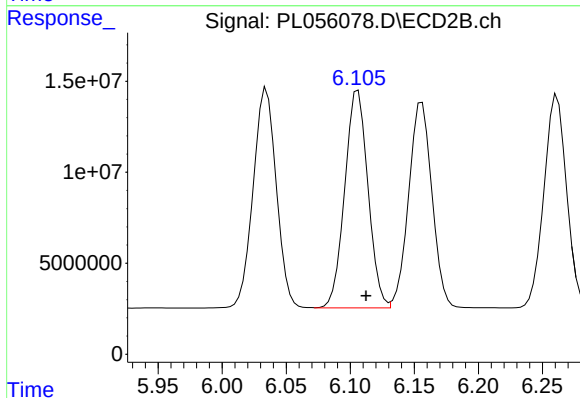
#11 alpha-Chlordane

R.T.: 5.489 min
Delta R.T.: 0.003 min
Response: 670712960
Conc: 48.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126343BS

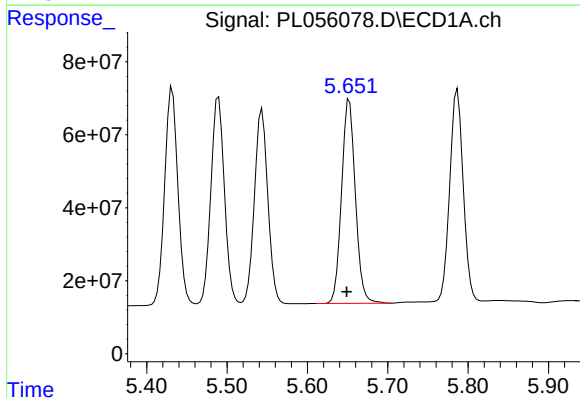
Manual Integrations
APPROVED

mohammad
1/29/2020 11:51:35 AM



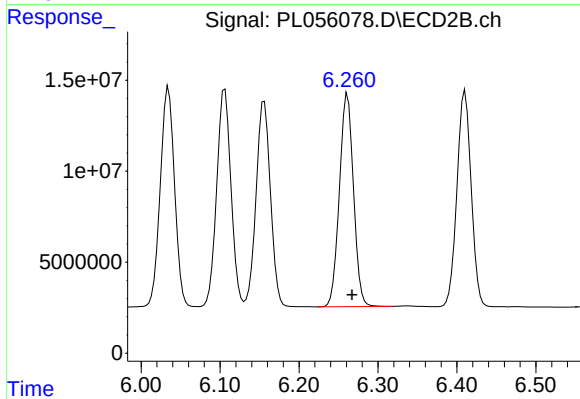
#11 alpha-Chlordane

R.T.: 6.106 min
Delta R.T.: -0.006 min
Response: 150846627
Conc: 48.86 ng/ml



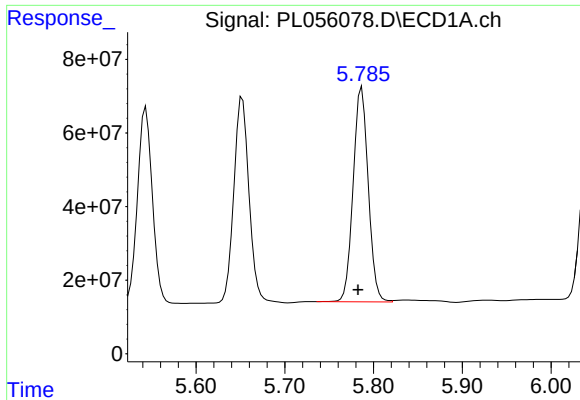
#12 4,4'-DDE

R.T.: 5.652 min
Delta R.T.: 0.003 min
Response: 667469182
Conc: 51.10 ng/ml



#12 4,4'-DDE

R.T.: 6.261 min
Delta R.T.: -0.006 min
Response: 144927496
Conc: 49.49 ng/ml



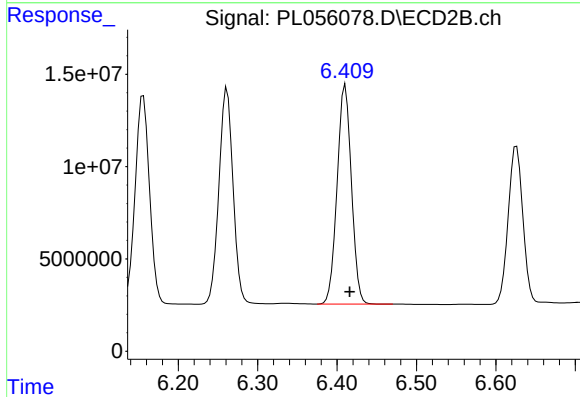
#13 Dieldrin

R.T.: 5.787 min
Delta R.T.: 0.004 min
Response: 689068747
Conc: 49.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126343BS

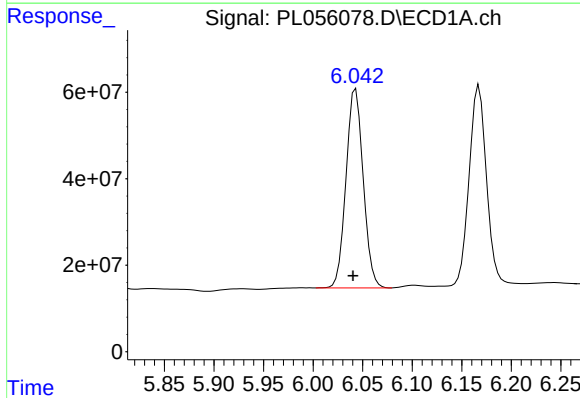
Manual Integrations
APPROVED

mohammad
1/29/2020 11:51:35 AM



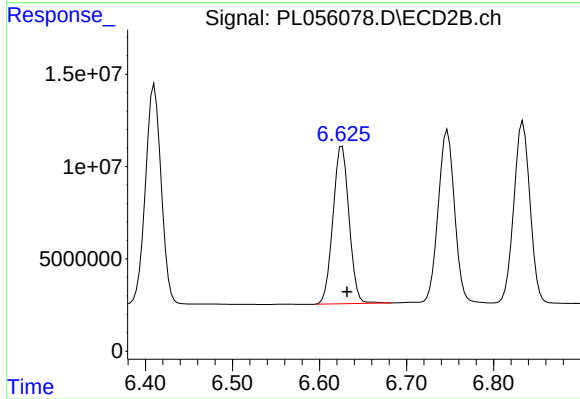
#13 Dieldrin

R.T.: 6.410 min
Delta R.T.: -0.005 min
Response: 148511454
Conc: 49.14 ng/ml



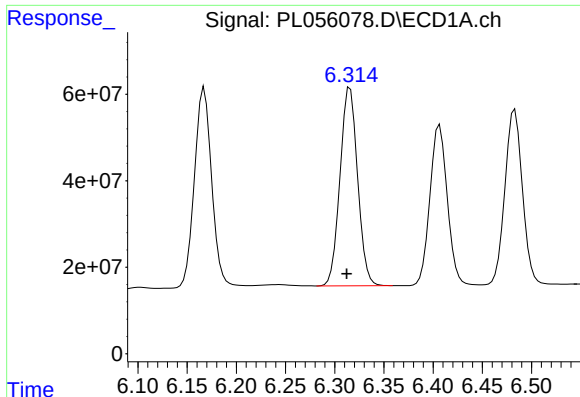
#14 Endrin

R.T.: 6.043 min
Delta R.T.: 0.003 min
Response: 555920113
Conc: 44.00 ng/ml



#14 Endrin

R.T.: 6.626 min
Delta R.T.: -0.006 min
Response: 109678382
Conc: 43.29 ng/ml



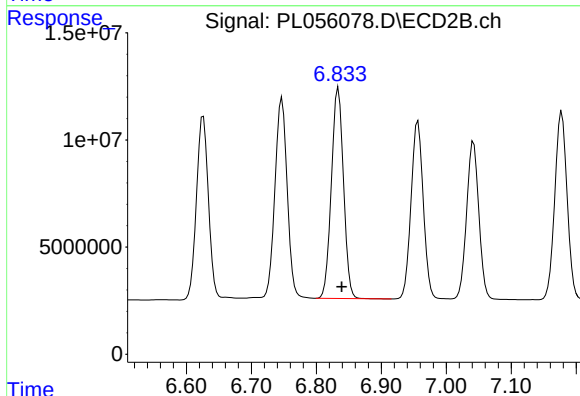
#15 Endosulfan II

R.T.: 6.316 min
Delta R.T.: 0.003 min
Response: 570263412
Conc: 51.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126343BS

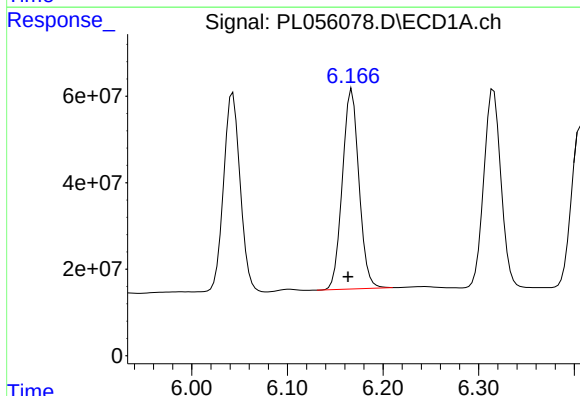
Manual Integrations
APPROVED

mohammad
1/29/2020 11:51:35 AM



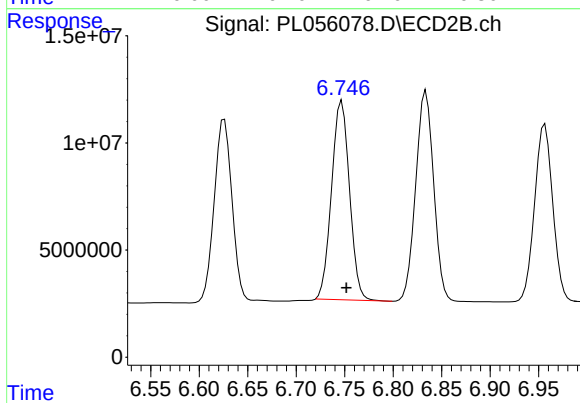
#15 Endosulfan II

R.T.: 6.834 min
Delta R.T.: -0.005 min
Response: 126786123
Conc: 47.28 ng/ml



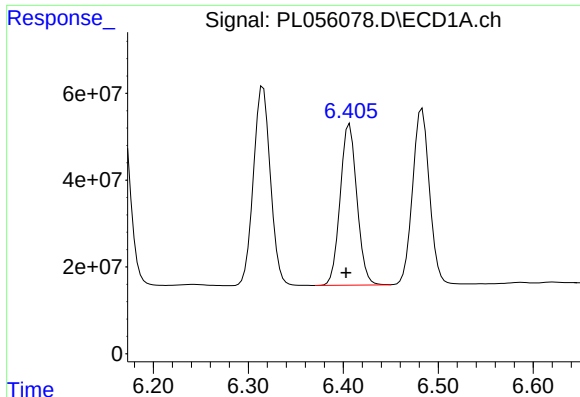
#16 4,4'-DDD

R.T.: 6.167 min
Delta R.T.: 0.004 min
Response: 559794336
Conc: 56.22 ng/ml



#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: -0.005 min
Response: 119784704
Conc: 51.96 ng/ml



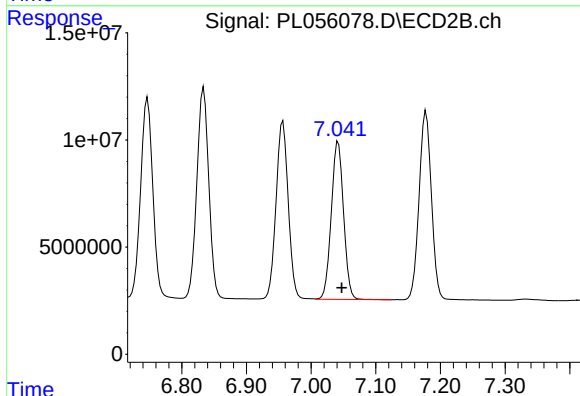
#17 4,4'-DDT

R.T.: 6.407 min
Delta R.T.: 0.004 min
Response: 456139651
Conc: 45.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126343BS

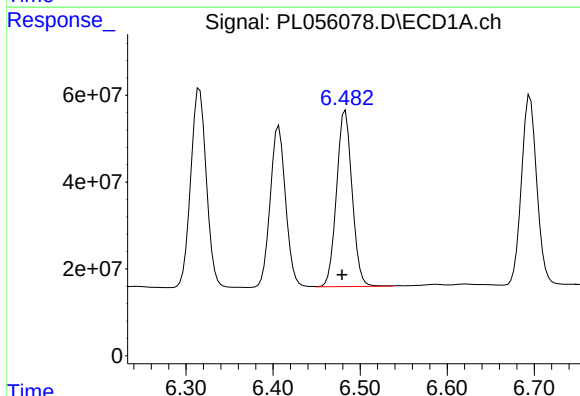
Manual Integrations
APPROVED

mohammad
1/29/2020 11:51:35 AM



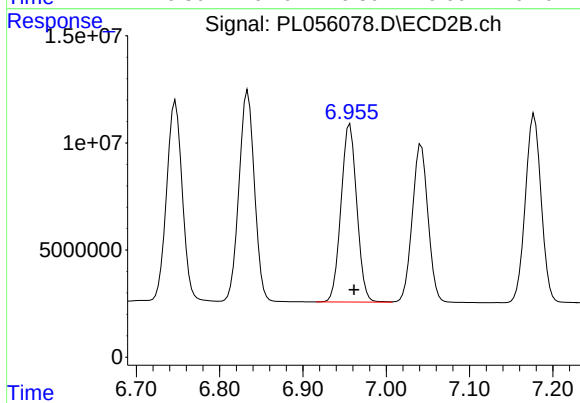
#17 4,4'-DDT

R.T.: 7.042 min
Delta R.T.: -0.006 min
Response: 97081026
Conc: 43.00 ng/ml



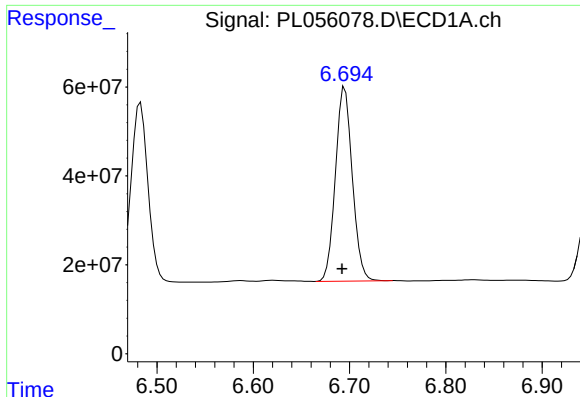
#18 Endrin aldehyde

R.T.: 6.483 min
Delta R.T.: 0.004 min
Response: 502965271
Conc: 48.40 ng/ml



#18 Endrin aldehyde

R.T.: 6.957 min
Delta R.T.: -0.005 min
Response: 109102969
Conc: 48.33 ng/ml



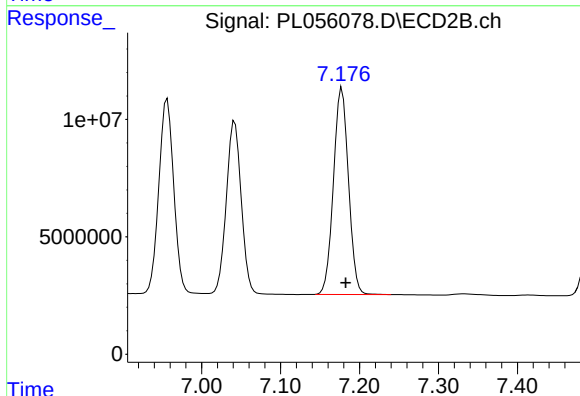
#19 Endosulfan Sulfate

R.T.: 6.695 min
Delta R.T.: 0.003 min
Response: 532402225
Conc: 49.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126343BS

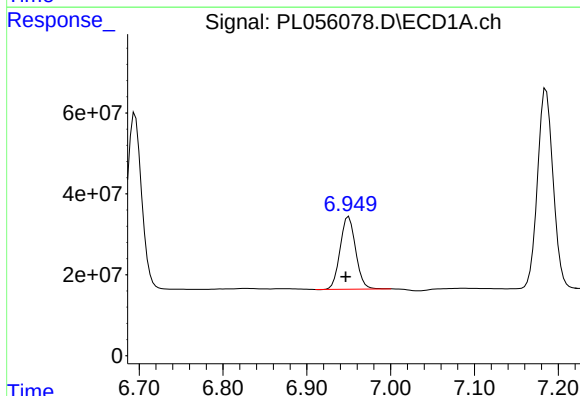
Manual Integrations
APPROVED

mohammad
1/29/2020 11:51:35 AM



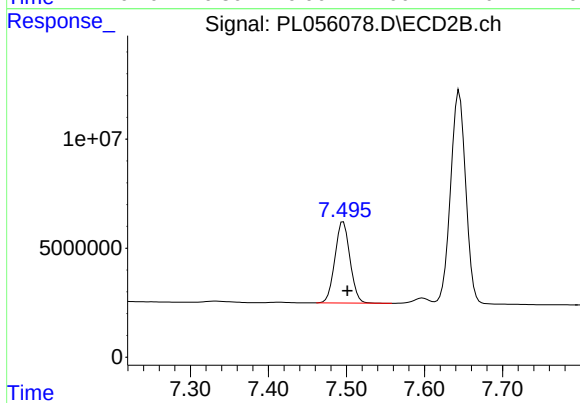
#19 Endosulfan Sulfate

R.T.: 7.178 min
Delta R.T.: -0.005 min
Response: 116423047
Conc: 47.03 ng/ml



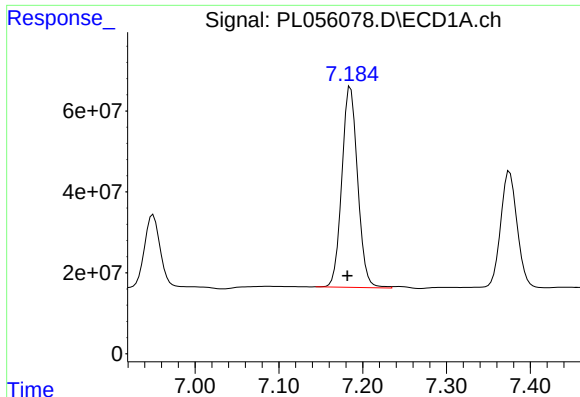
#20 Methoxychlor

R.T.: 6.950 min
Delta R.T.: 0.004 min
Response: 230594921
Conc: 44.19 ng/ml



#20 Methoxychlor

R.T.: 7.496 min
Delta R.T.: -0.005 min
Response: 50114419
Conc: 42.00 ng/ml



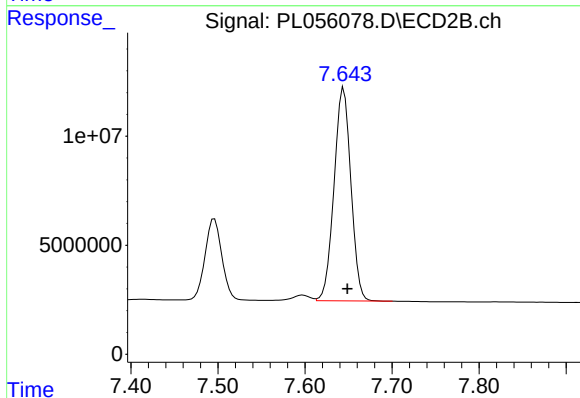
#21 Endrin ketone

R.T.: 7.186 min
Delta R.T.: 0.004 min
Response: 650910617
Conc: 51.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126343BS

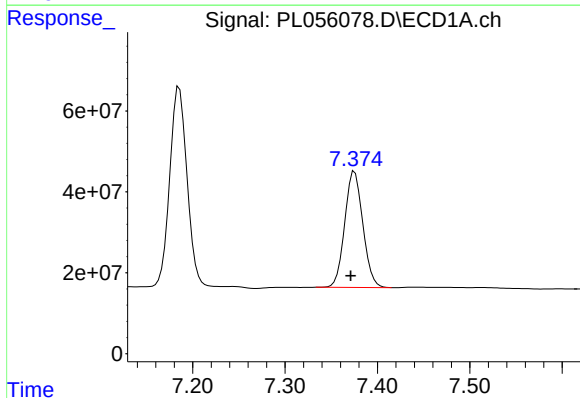
Manual Integrations
APPROVED

mohammad
1/29/2020 11:51:35 AM



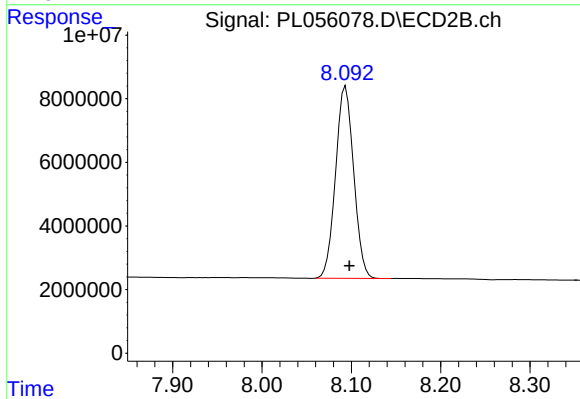
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: -0.004 min
Response: 131773141
Conc: 49.90 ng/ml



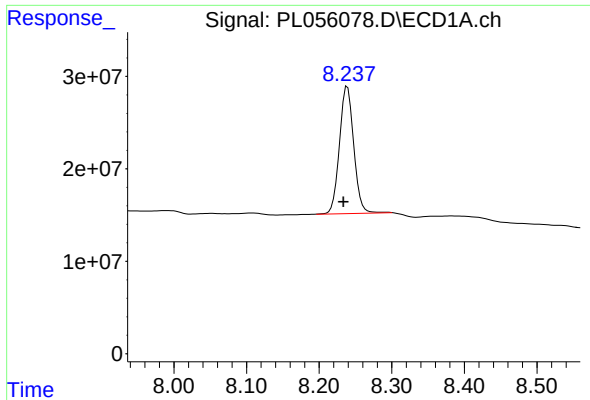
#22 Mirex

R.T.: 7.375 min
Delta R.T.: 0.004 min
Response: 391292957
Conc: 55.71 ng/ml



#22 Mirex

R.T.: 8.094 min
Delta R.T.: -0.004 min
Response: 84963267
Conc: 46.56 ng/ml



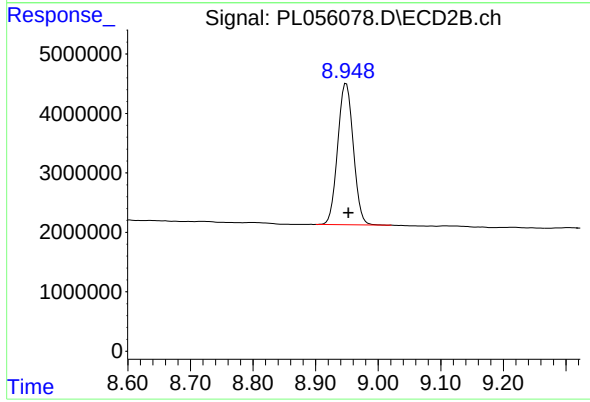
#28 Decachlorobiphenyl

R.T.: 8.239 min
Delta R.T.: 0.006 min
Response: 188226803
Conc: 18.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126343BS

Manual Integrations
APPROVED

mohammad
1/29/2020 11:51:35 AM



#28 Decachlorobiphenyl

R.T.: 8.949 min
Delta R.T.: -0.003 min
Response: 41331791
Conc: 18.04 ng/ml