

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022120\
 Data File : PL056731.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Feb 2020 14:59
 Operator : AJ\MA
 Sample : PB126978BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB126978BS

Manual Integrations
 APPROVED

mohammad
 2/25/2020 11:00:22 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 15:40:02 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021920.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 20 02:32:45 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...	3.497	4.019	181.5E6	52330301	20.990	21.008
28)	SA Decachlor...	8.251	9.089	225.5E6	45136432	18.955	21.480
Target Compounds							
2)	A alpha-BHC	3.935	4.408	798.3E6	193.6E6	50.576	51.464
3)	MA gamma-BHC...	4.219	4.693	742.5E6	176.1E6	49.770	51.150
4)	MA Heptachlor	4.521	5.200	750.1E6	151.8E6	50.868	51.897
5)	MB Aldrin	4.769	5.505	755.8E6	157.0E6	50.628	50.178
6)	B beta-BHC	4.470	4.865	310.4E6	74793090	53.559	57.209
7)	B delta-BHC	4.675	5.083	723.4E6	155.2E6	50.193	50.977
8)	B Heptachlo...	5.212	5.892	716.2E6	146.2E6	50.626	49.991
9)	A Endosulfan I	5.552	6.249	689.5E6	137.4E6	51.575	50.866
10)	B gamma-Chl...	5.439	6.127	741.5E6	145.4E6	51.046	50.702
11)	B alpha-Chl...	5.497	6.199	714.7E6	142.7E6	49.493	50.151
12)	B 4,4'-DDE	5.661	6.357	695.6E6	139.4E6	49.456	50.613
13)	MA Dieldrin	5.793	6.507	747.4E6	145.1E6	50.146m	50.757
14)	MA Endrin	6.051	6.725	662.2E6	122.2E6	49.059m	49.607
15)	B Endosulfa...	6.325	6.935	611.3E6	122.7E6	49.222	47.522
16)	A 4,4'-DDD	6.176	6.850	532.5E6	112.5E6	47.606m	48.843
17)	MA 4,4'-DDT	6.417	7.147	526.8E6	104.2E6	48.376	50.084
18)	B Endrin al...	6.493	7.060	526.0E6	105.5E6	48.591	50.282
19)	B Endosulfa...	6.706	7.283	628.0E6	121.8E6	52.964	51.264
20)	A Methoxychlor	6.961	7.607	263.1E6	57189300	49.627	51.675
21)	B Endrin ke...	7.199	7.754	672.8E6	131.0E6	50.466	51.891
22)	Mirex	7.386	8.207	466.6E6	91075006	55.603	54.213

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022120\
Data File : PL056731.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2020 14:59
Operator : AJ\MA
Sample : PB126978BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

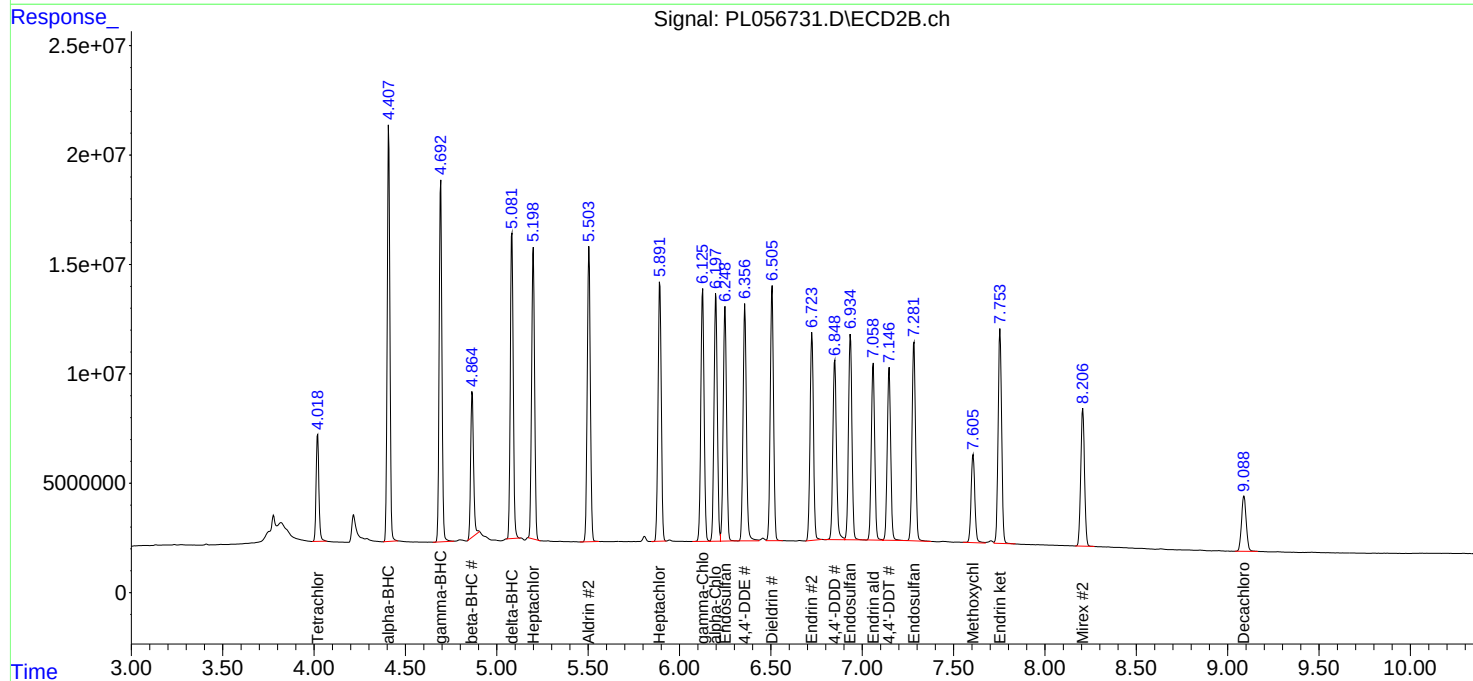
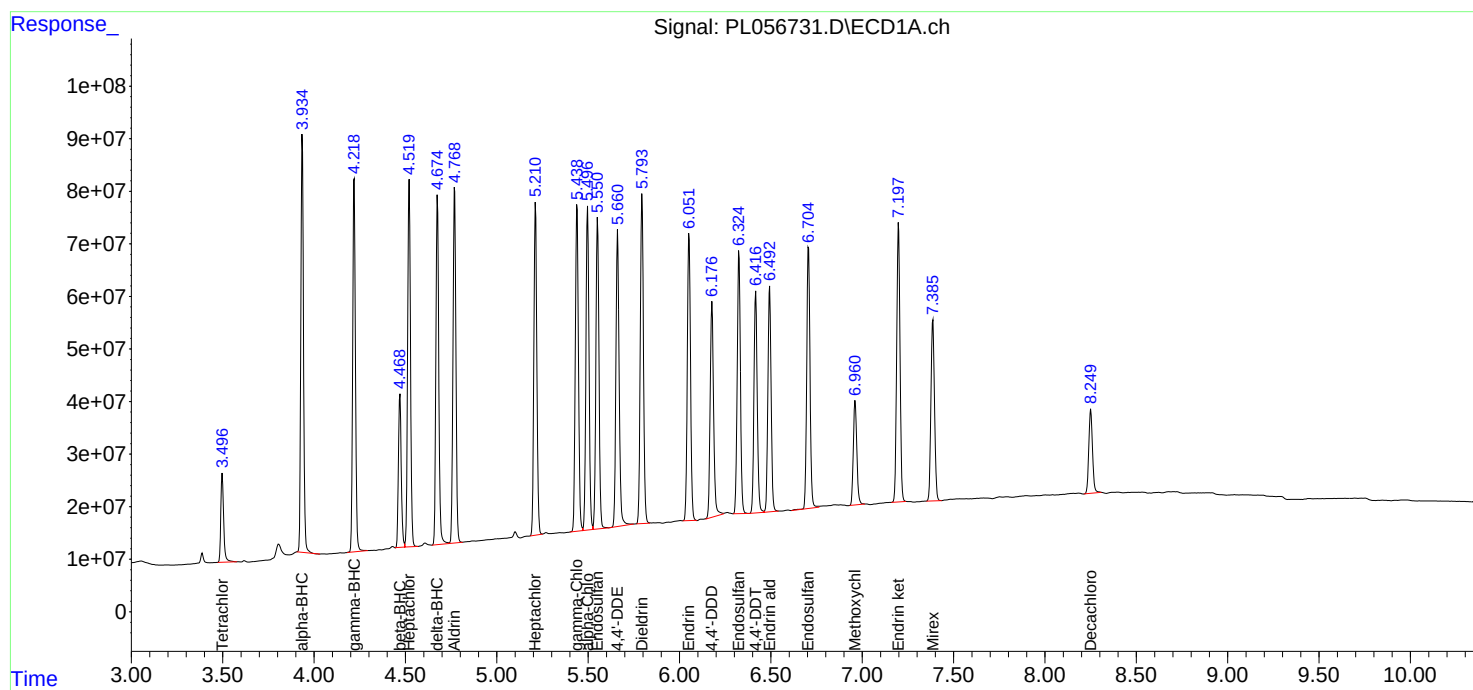
Instrument :
ECD_L
ClientSampleId :
PB126978BS

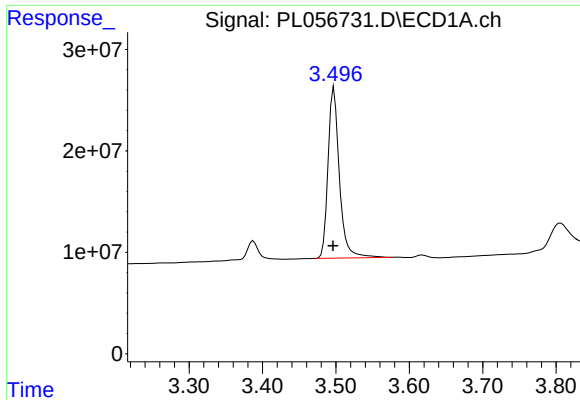
Manual Integrations
APPROVED

mohammad
2/25/2020 11:00:22 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 15:40:02 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021920.M
Quant Title : GC Extractables
QLast Update : Thu Feb 20 02:32:45 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





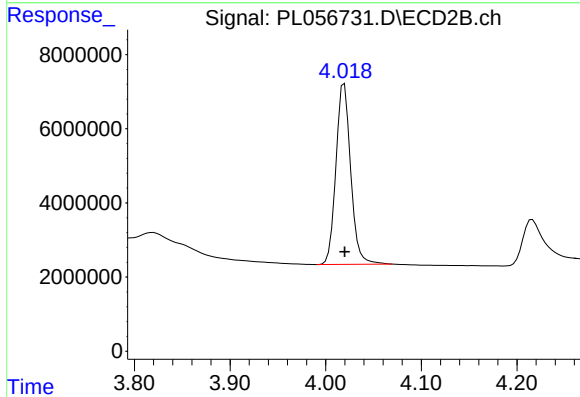
#1 Tetrachloro-m-xylene

R.T.: 3.497 min
Delta R.T.: 0.001 min
Response: 181514121
Conc: 20.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126978BS

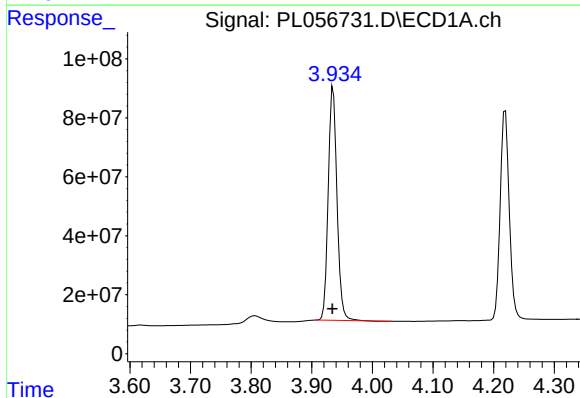
Manual Integrations
APPROVED

mohammad
2/25/2020 11:00:22 AM



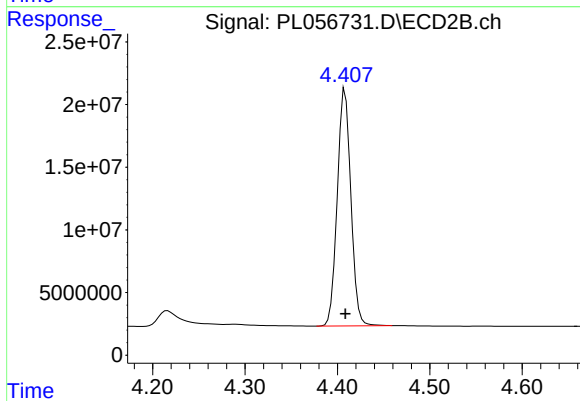
#1 Tetrachloro-m-xylene

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 52330301
Conc: 21.01 ng/ml



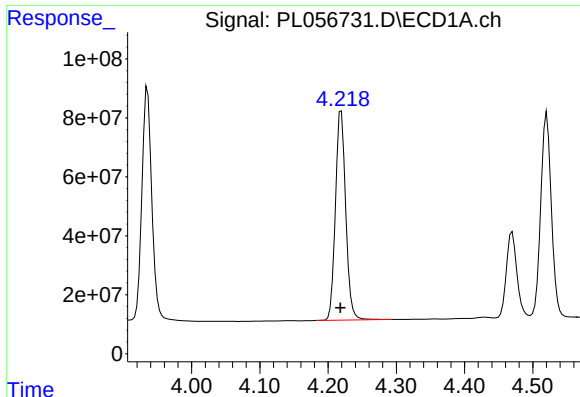
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.002 min
Response: 798297209
Conc: 50.58 ng/ml



#2 alpha-BHC

R.T.: 4.408 min
Delta R.T.: 0.000 min
Response: 193605311
Conc: 51.46 ng/ml



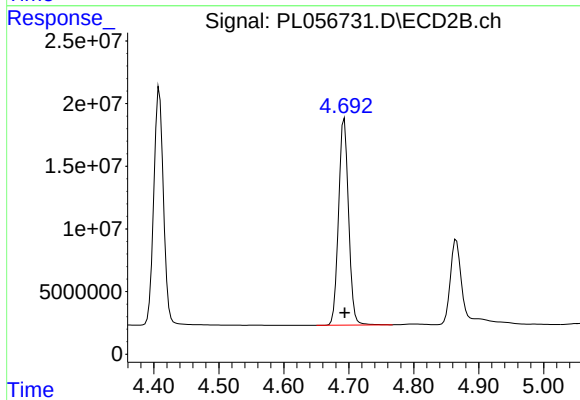
#3 gamma-BHC (Lindane)

R.T.: 4.219 min
Delta R.T.: 0.001 min
Response: 742464837
Conc: 49.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126978BS

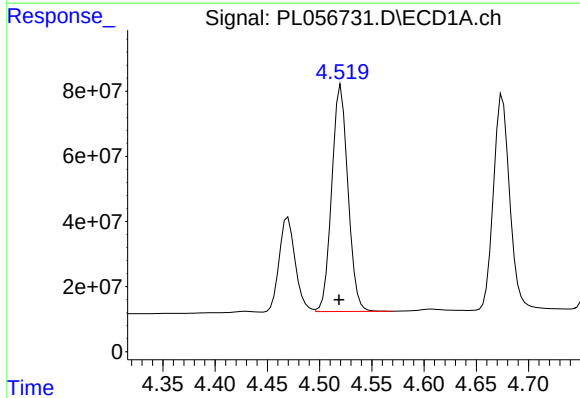
Manual Integrations
APPROVED

mohammad
2/25/2020 11:00:22 AM



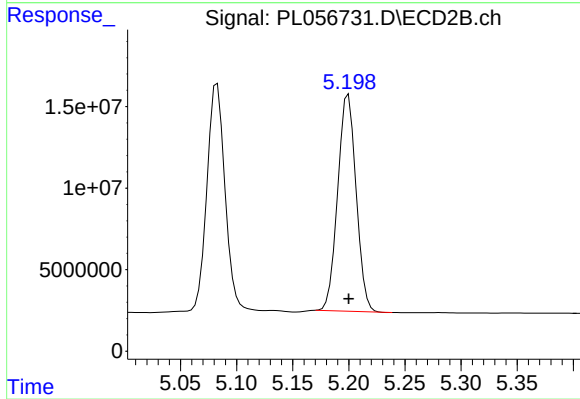
#3 gamma-BHC (Lindane)

R.T.: 4.693 min
Delta R.T.: 0.000 min
Response: 176138577
Conc: 51.15 ng/ml



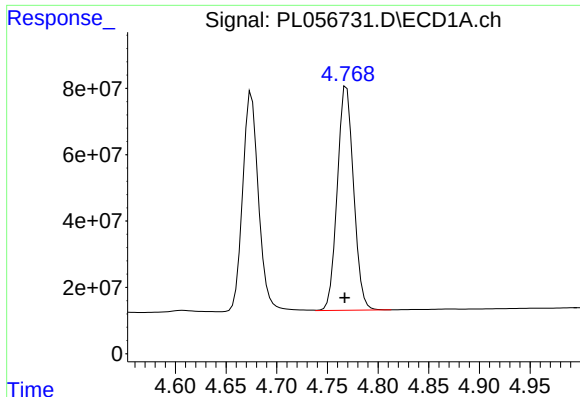
#4 Heptachlor

R.T.: 4.521 min
Delta R.T.: 0.002 min
Response: 750080069
Conc: 50.87 ng/ml



#4 Heptachlor

R.T.: 5.200 min
Delta R.T.: 0.000 min
Response: 151825435
Conc: 51.90 ng/ml



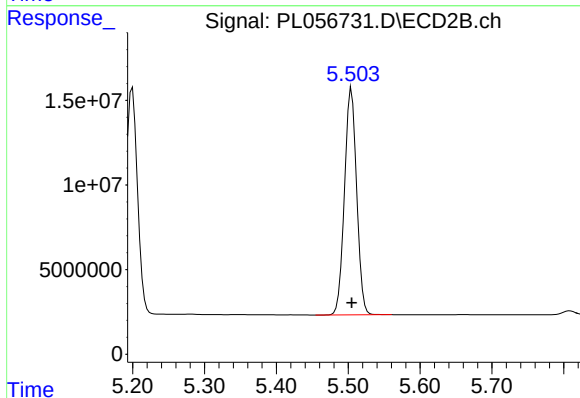
#5 Aldrin

R.T.: 4.769 min
Delta R.T.: 0.002 min
Response: 755844515
Conc: 50.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126978BS

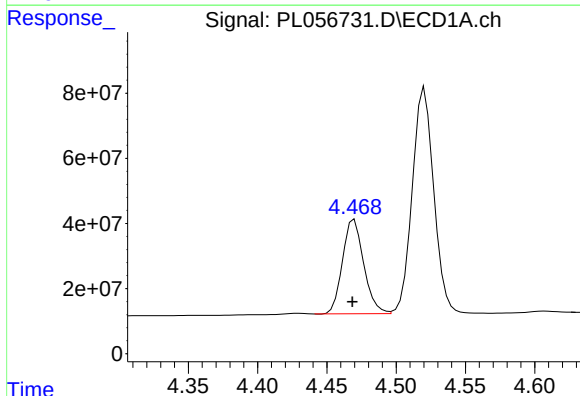
Manual Integrations
APPROVED

mohammad
2/25/2020 11:00:22 AM



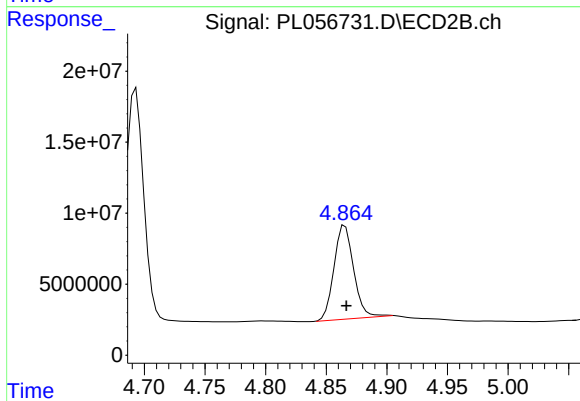
#5 Aldrin

R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 157045086
Conc: 50.18 ng/ml



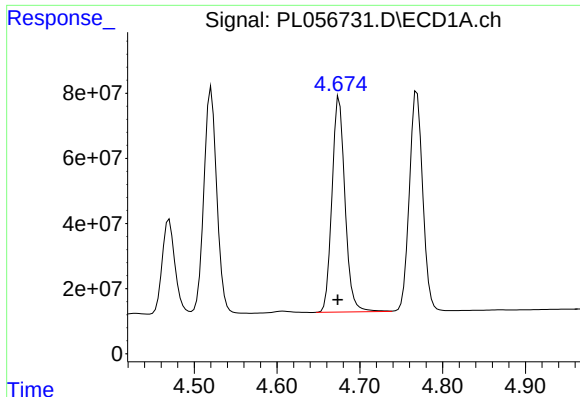
#6 beta-BHC

R.T.: 4.470 min
Delta R.T.: 0.001 min
Response: 310390180
Conc: 53.56 ng/ml



#6 beta-BHC

R.T.: 4.865 min
Delta R.T.: -0.001 min
Response: 74793090
Conc: 57.21 ng/ml



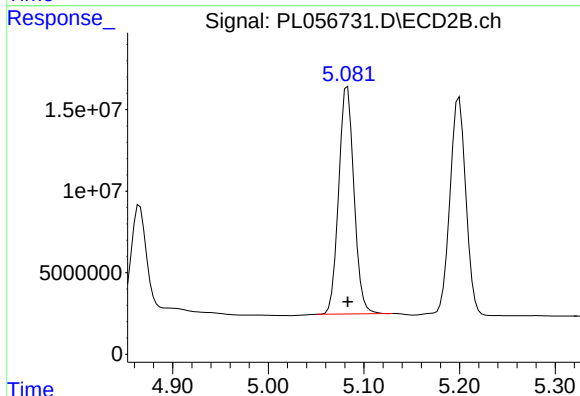
#7 delta-BHC

R.T.: 4.675 min
Delta R.T.: 0.002 min
Response: 723439138
Conc: 50.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126978BS

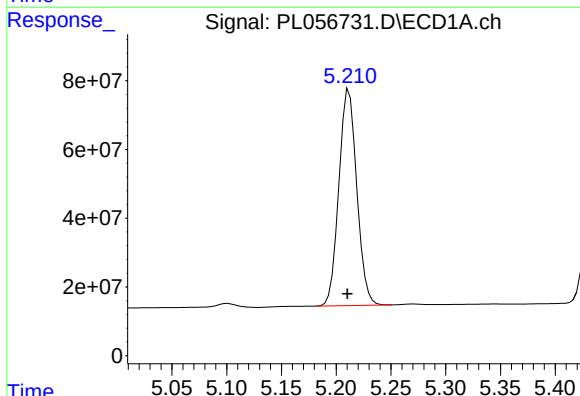
Manual Integrations
APPROVED

mohammad
2/25/2020 11:00:22 AM



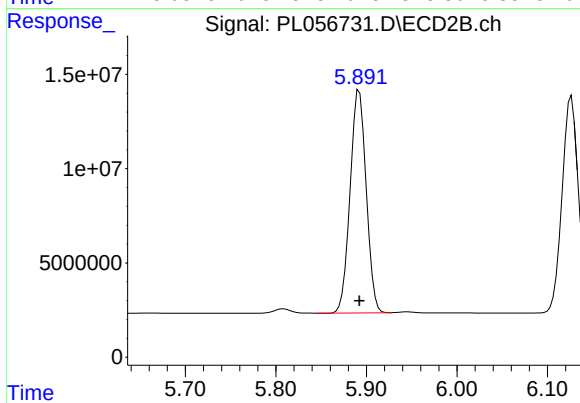
#7 delta-BHC

R.T.: 5.083 min
Delta R.T.: 0.000 min
Response: 155202784
Conc: 50.98 ng/ml



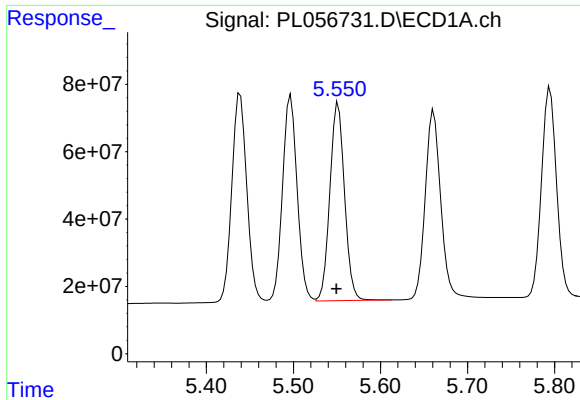
#8 Heptachlor epoxide

R.T.: 5.212 min
Delta R.T.: 0.002 min
Response: 716209761
Conc: 50.63 ng/ml



#8 Heptachlor epoxide

R.T.: 5.892 min
Delta R.T.: 0.000 min
Response: 146163571
Conc: 49.99 ng/ml



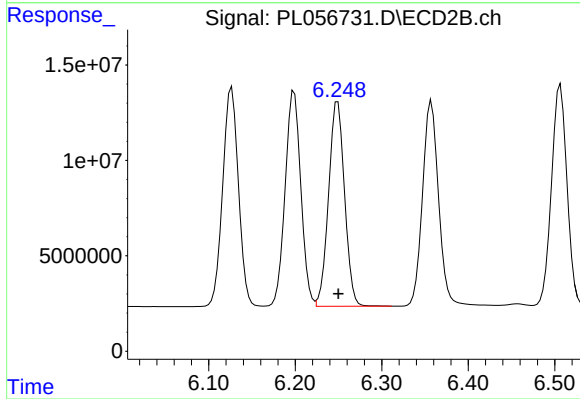
#9 Endosulfan I

R.T.: 5.552 min
Delta R.T.: 0.002 min
Response: 689467237
Conc: 51.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126978BS

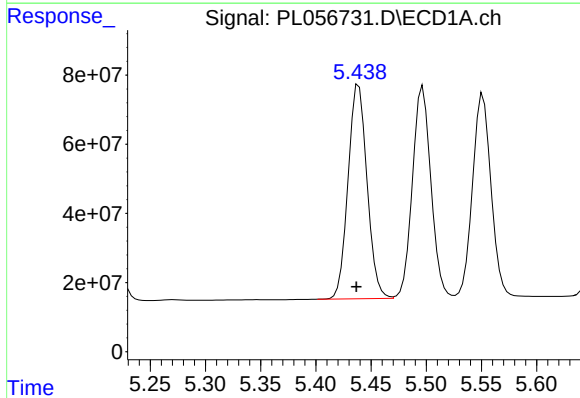
Manual Integrations
APPROVED

mohammad
2/25/2020 11:00:22 AM



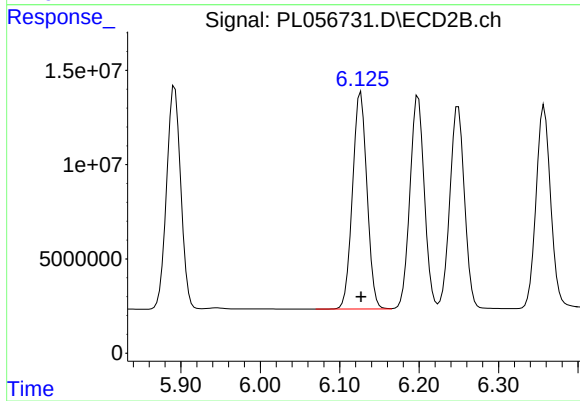
#9 Endosulfan I

R.T.: 6.249 min
Delta R.T.: 0.000 min
Response: 137421015
Conc: 50.87 ng/ml



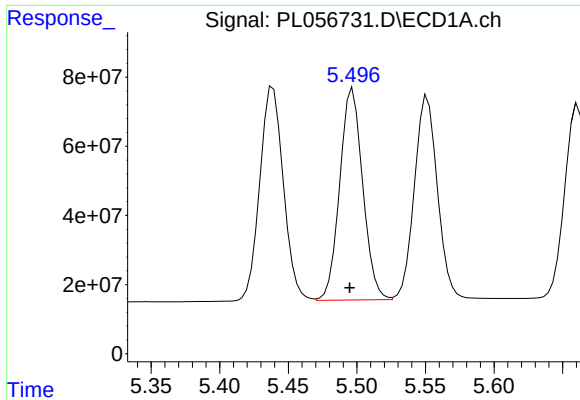
#10 gamma-Chlordane

R.T.: 5.439 min
Delta R.T.: 0.002 min
Response: 741479846
Conc: 51.05 ng/ml



#10 gamma-Chlordane

R.T.: 6.127 min
Delta R.T.: 0.000 min
Response: 145419305
Conc: 50.70 ng/ml



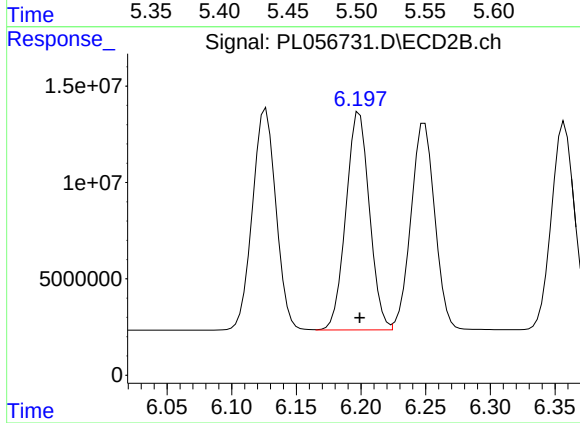
#11 alpha-Chlordane

R.T.: 5.497 min
Delta R.T.: 0.002 min
Response: 714691106
Conc: 49.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126978BS

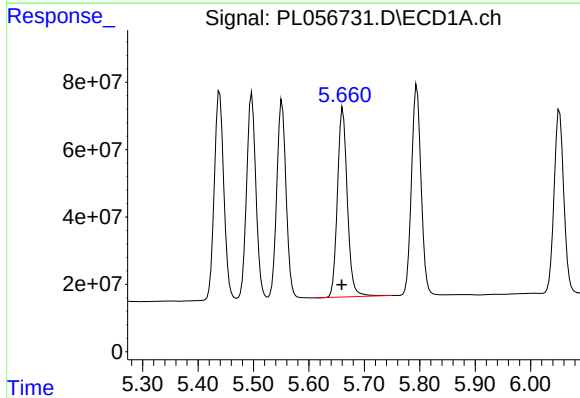
Manual Integrations
APPROVED

mohammad
2/25/2020 11:00:22 AM



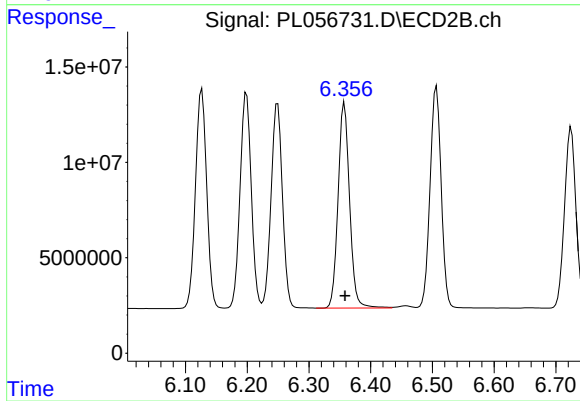
#11 alpha-Chlordane

R.T.: 6.199 min
Delta R.T.: 0.000 min
Response: 142701654
Conc: 50.15 ng/ml



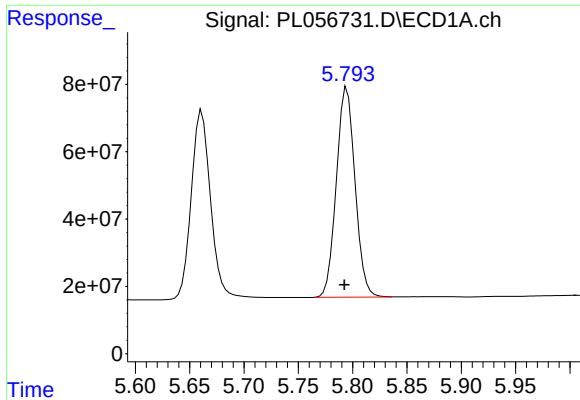
#12 4,4'-DDE

R.T.: 5.661 min
Delta R.T.: 0.002 min
Response: 695638463
Conc: 49.46 ng/ml



#12 4,4'-DDE

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 139379854
Conc: 50.61 ng/ml



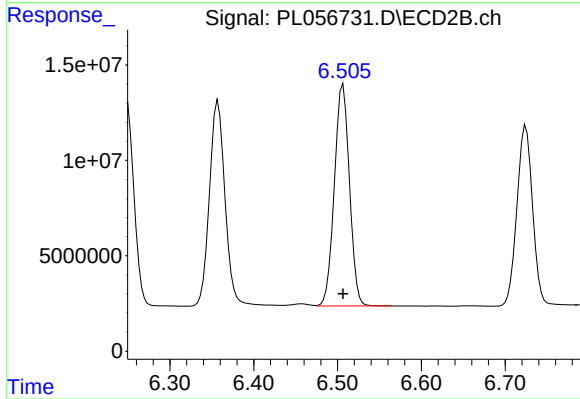
#13 Dieldrin

R.T.: 5.793 min
Delta R.T.: 0.001 min
Response: 747429901
Conc: 50.15 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PB126978BS

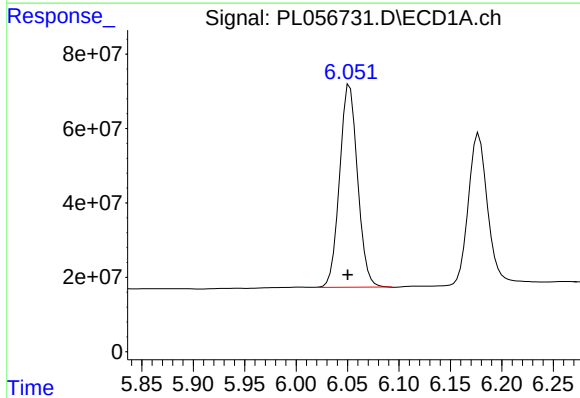
Manual Integrations
APPROVED

mohammad
2/25/2020 11:00:22 AM



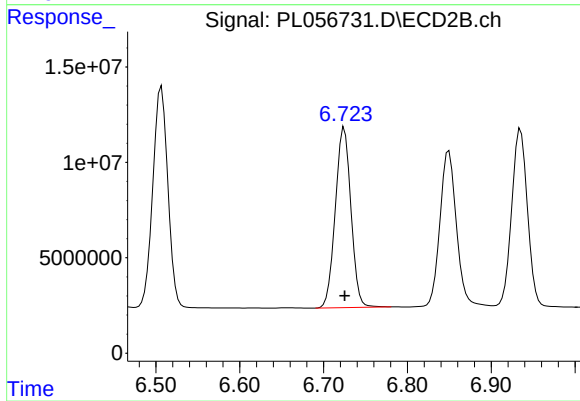
#13 Dieldrin

R.T.: 6.507 min
Delta R.T.: 0.000 min
Response: 145087574
Conc: 50.76 ng/ml



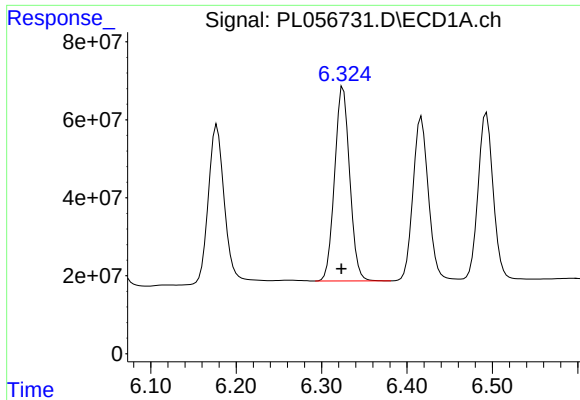
#14 Endrin

R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 662152358
Conc: 49.06 ng/ml m



#14 Endrin

R.T.: 6.725 min
Delta R.T.: 0.000 min
Response: 122204790
Conc: 49.61 ng/ml



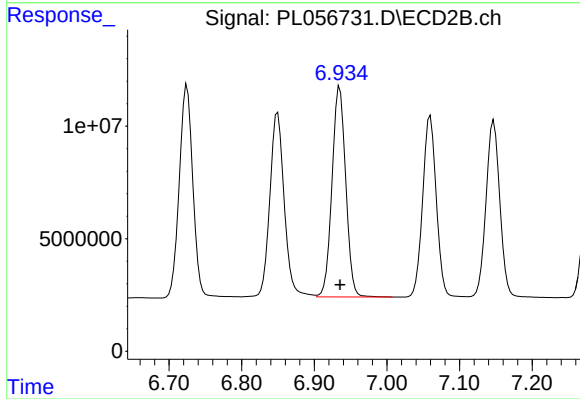
#15 Endosulfan II

R.T.: 6.325 min
Delta R.T.: 0.002 min
Response: 611305608
Conc: 49.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126978BS

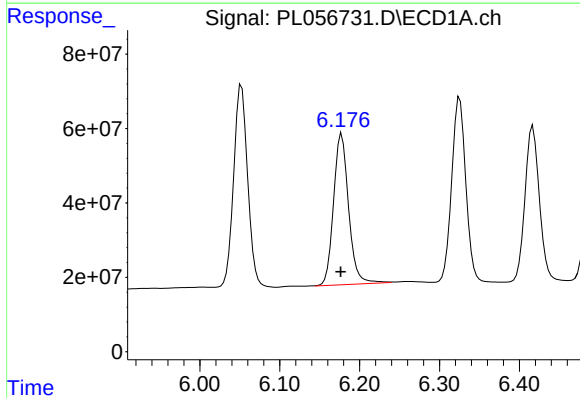
Manual Integrations
APPROVED

mohammad
2/25/2020 11:00:22 AM



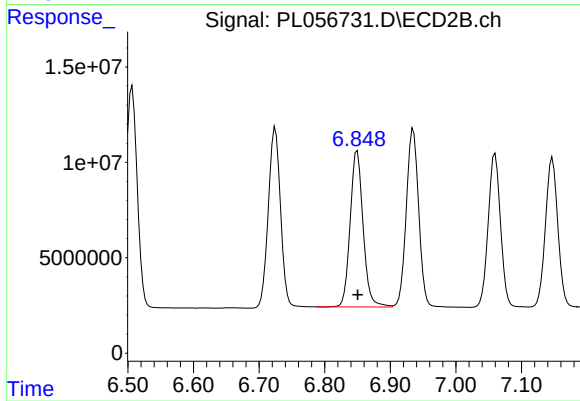
#15 Endosulfan II

R.T.: 6.935 min
Delta R.T.: 0.000 min
Response: 122730920
Conc: 47.52 ng/ml



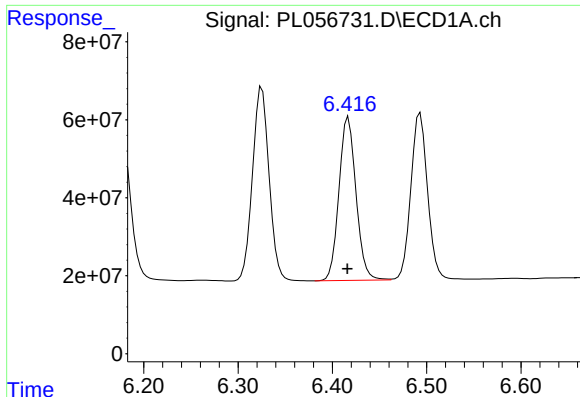
#16 4,4'-DDD

R.T.: 6.176 min
Delta R.T.: 0.000 min
Response: 532488828
Conc: 47.61 ng/ml m



#16 4,4'-DDD

R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 112466663
Conc: 48.84 ng/ml



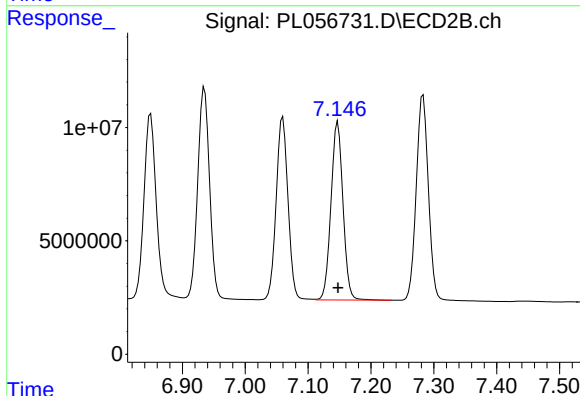
#17 4,4'-DDT

R.T.: 6.417 min
Delta R.T.: 0.001 min
Response: 526835497
Conc: 48.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126978BS

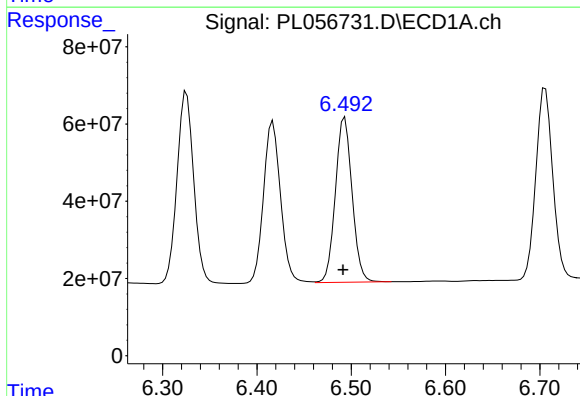
Manual Integrations
APPROVED

mohammad
2/25/2020 11:00:22 AM



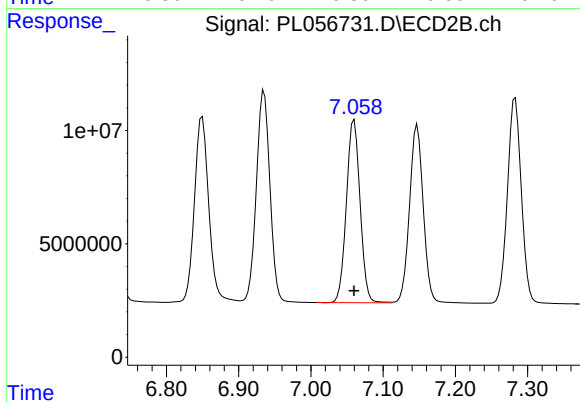
#17 4,4'-DDT

R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 104198227
Conc: 50.08 ng/ml



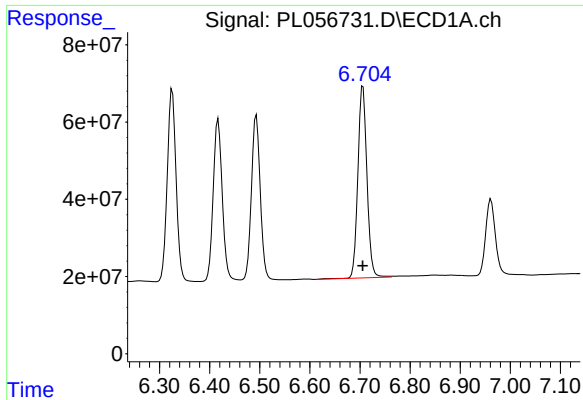
#18 Endrin aldehyde

R.T.: 6.493 min
Delta R.T.: 0.002 min
Response: 525977129
Conc: 48.59 ng/ml



#18 Endrin aldehyde

R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 105482036
Conc: 50.28 ng/ml



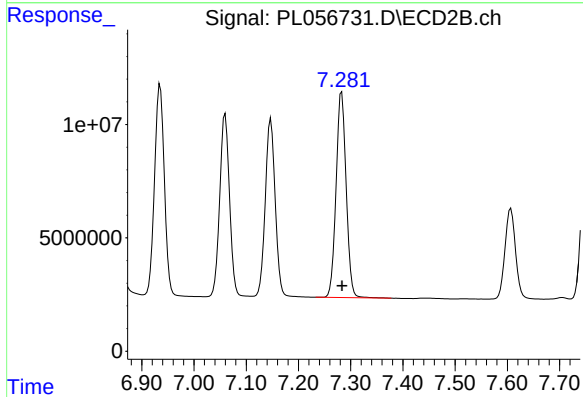
#19 Endosulfan Sulfate

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 627983523
Conc: 52.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126978BS

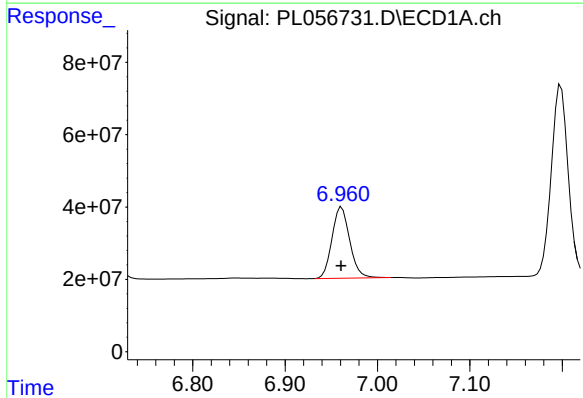
Manual Integrations
APPROVED

mohammad
2/25/2020 11:00:22 AM



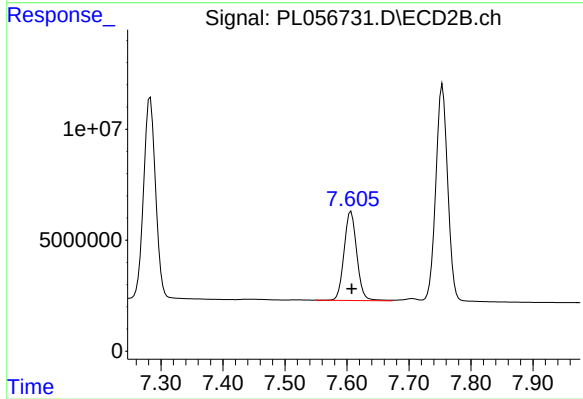
#19 Endosulfan Sulfate

R.T.: 7.283 min
Delta R.T.: 0.000 min
Response: 121828879
Conc: 51.26 ng/ml



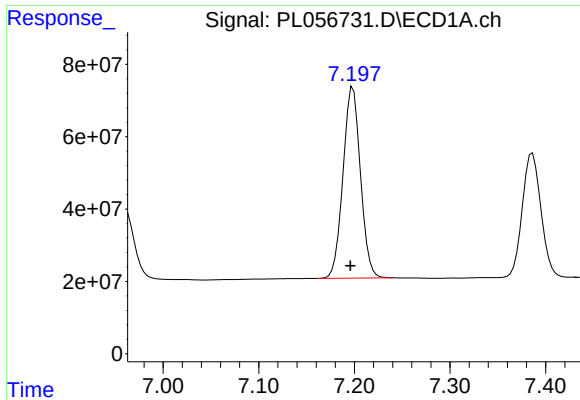
#20 Methoxychlor

R.T.: 6.961 min
Delta R.T.: 0.000 min
Response: 263140420
Conc: 49.63 ng/ml



#20 Methoxychlor

R.T.: 7.607 min
Delta R.T.: -0.001 min
Response: 57189300
Conc: 51.67 ng/ml



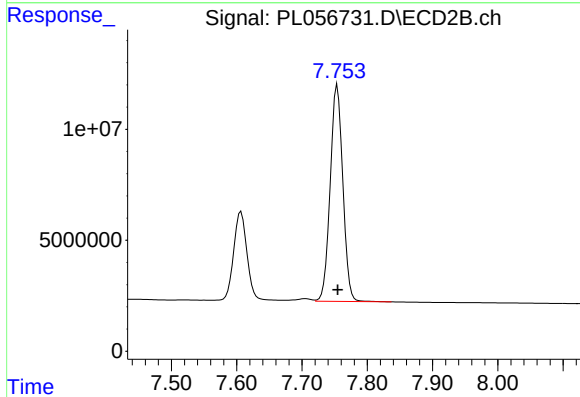
#21 Endrin ketone

R.T.: 7.199 min
Delta R.T.: 0.003 min
Response: 672803887
Conc: 50.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126978BS

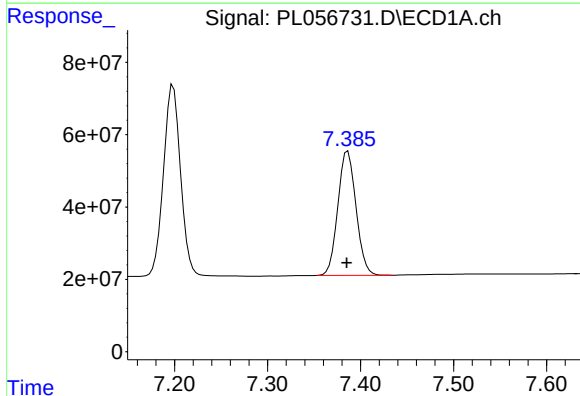
Manual Integrations
APPROVED

mohammad
2/25/2020 11:00:22 AM



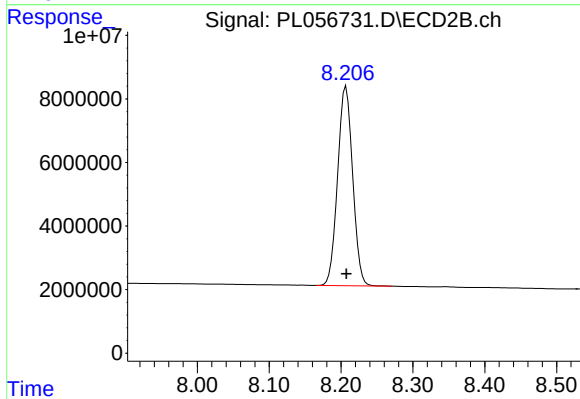
#21 Endrin ketone

R.T.: 7.754 min
Delta R.T.: 0.000 min
Response: 131043191
Conc: 51.89 ng/ml



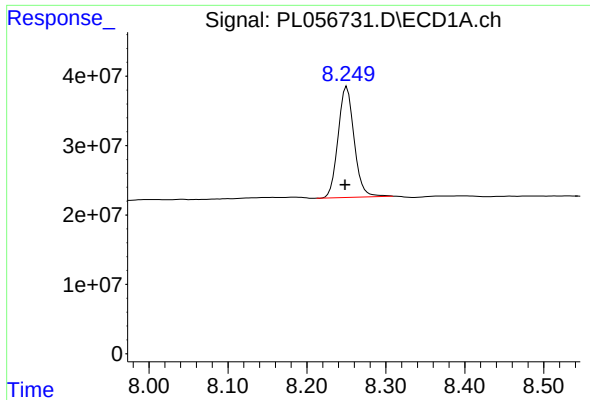
#22 Mirex

R.T.: 7.386 min
Delta R.T.: 0.001 min
Response: 466595143
Conc: 55.60 ng/ml



#22 Mirex

R.T.: 8.207 min
Delta R.T.: 0.000 min
Response: 91075006
Conc: 54.21 ng/ml



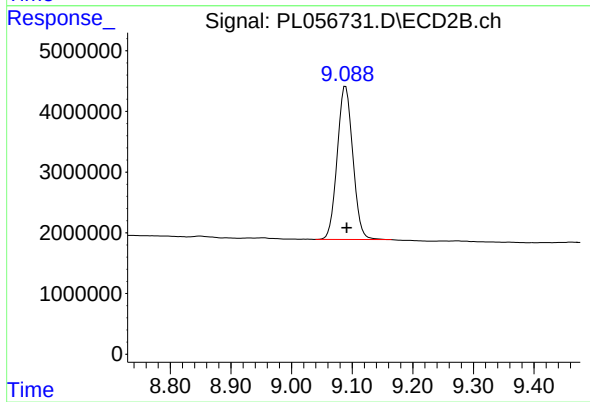
#28 Decachlorobiphenyl

R.T.: 8.251 min
Delta R.T.: 0.002 min
Response: 225468315
Conc: 18.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126978BS

Manual Integrations
APPROVED

mohammad
2/25/2020 11:00:22 AM



#28 Decachlorobiphenyl

R.T.: 9.089 min
Delta R.T.: -0.002 min
Response: 45136432
Conc: 21.48 ng/ml