

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012720\
 Data File : PL056098.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jan 2020 19:24
 Operator : AJ\MA
 Sample : PB126362BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB126362BS

Manual Integrations
 APPROVED

mohammad
 1/28/2020 1:11:47 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 28 01:07:23 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...	3.490	3.965	216.2E6	70031000	22.557	24.779
28)	SA Decachlor...	8.235	8.953	237.6E6	50988336	22.724	22.256
Target Compounds							
2)	A alpha-BHC	3.927	4.348	893.5E6	247.5E6	53.844	58.365
3)	MA gamma-BHC...	4.210	4.628	842.5E6	228.2E6	55.533	57.522
4)	MA Heptachlor	4.511	5.127	821.9E6	199.1E6	55.044	58.877
5)	MB Aldrin	4.760	5.428	825.2E6	200.2E6	56.381	58.415
6)	B beta-BHC	4.460	4.797	342.9E6	97921704	53.430	61.705
7)	B delta-BHC	4.665	5.009	743.1E6	183.2E6	50.701	61.303m
8)	B Heptachlo...	5.202	5.808	782.8E6	176.7E6	56.750	59.132
9)	A Endosulfan I	5.540	6.161	727.6E6	168.2E6	56.076	57.750
10)	B gamma-Chl...	5.428	6.040	793.5E6	178.8E6	56.560	57.983
11)	B alpha-Chl...	5.486	6.111	774.7E6	177.1E6	56.041	57.350
12)	B 4,4'-DDE	5.650	6.266	754.2E6	170.0E6	57.743	58.065
13)	MA Dieldrin	5.783	6.415	791.1E6	174.9E6	57.193	57.882
14)	MA Endrin	6.040	6.630	613.8E6	126.8E6	48.586	50.064
15)	B Endosulfa...	6.312	6.839	669.0E6	149.6E6	59.910	55.782
16)	A 4,4'-DDD	6.164	6.752	645.6E6	147.5E6	64.840	63.971
17)	MA 4,4'-DDT	6.403	7.047	489.8E6	108.3E6	48.395	47.966
18)	B Endrin al...	6.480	6.961	582.0E6	130.7E6	56.006	57.907
19)	B Endosulfa...	6.692	7.182	617.5E6	137.2E6	57.094	55.406
20)	A Methoxychlor	6.947	7.501	252.5E6	56202667	48.386	47.102
21)	B Endrin ke...	7.183	7.649	751.6E6	159.6E6	59.701	60.452
22)	Mirex	7.372	8.097	456.4E6	99337640	64.988	54.441

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012720\
Data File : PL056098.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jan 2020 19:24
Operator : AJ\MA
Sample : PB126362BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

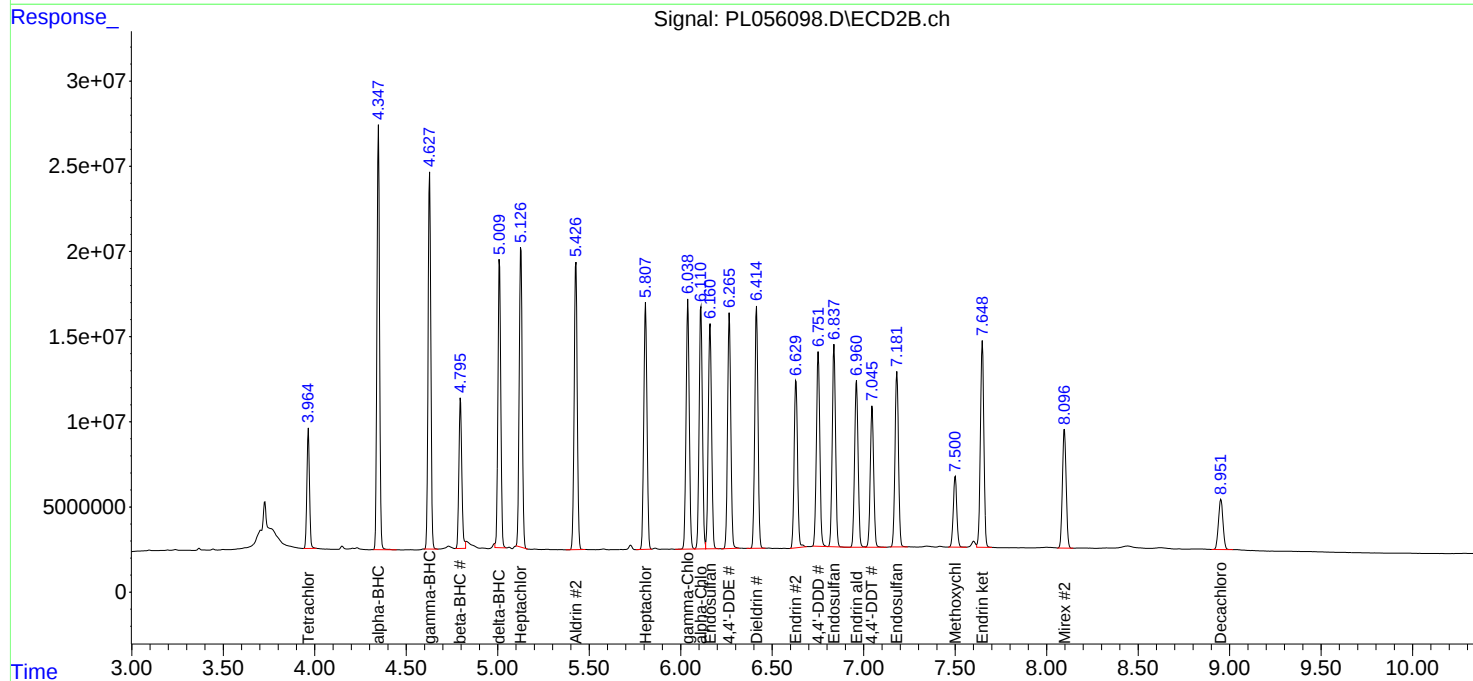
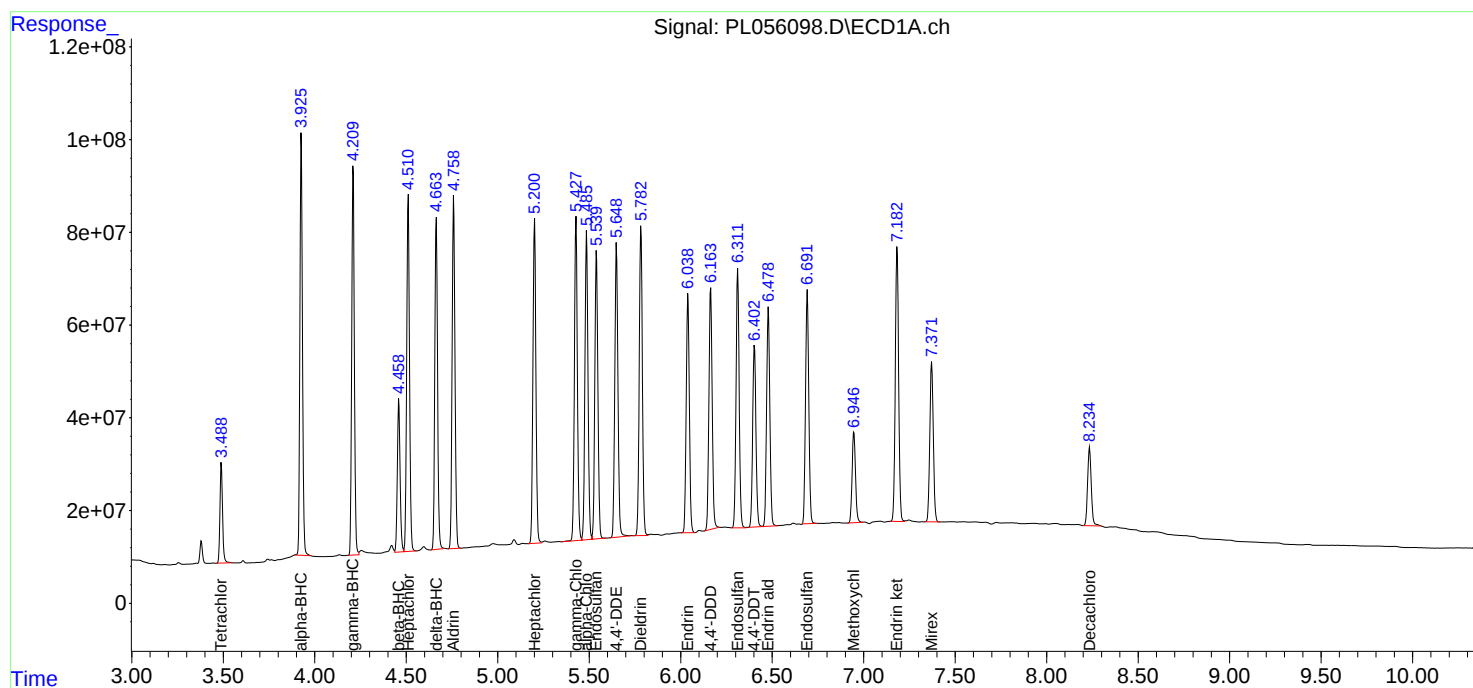
Instrument :
ECD_L
ClientSampleId :
PB126362BS

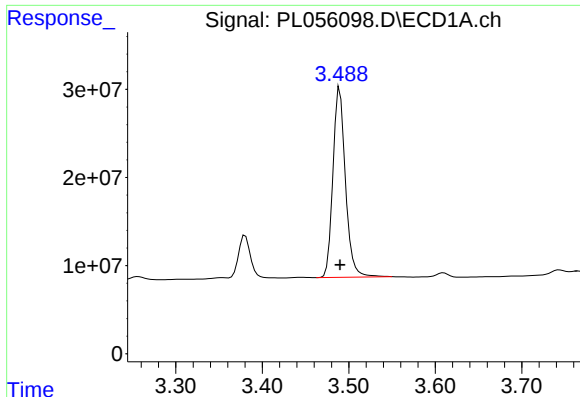
Manual Integrations
APPROVED

mohammad
1/28/2020 1:11:47 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 01:07:23 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





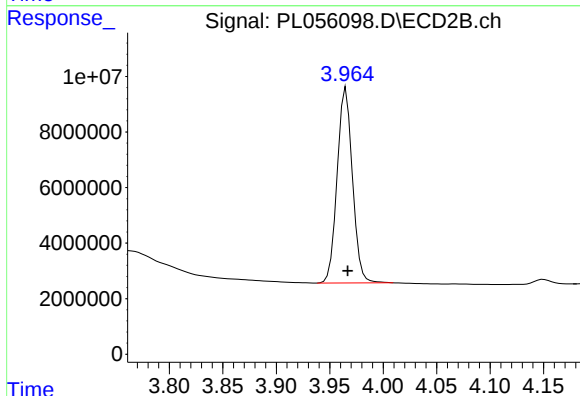
#1 Tetrachloro-m-xylene

R.T.: 3.490 min
Delta R.T.: 0.000 min
Response: 216192887
Conc: 22.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126362BS

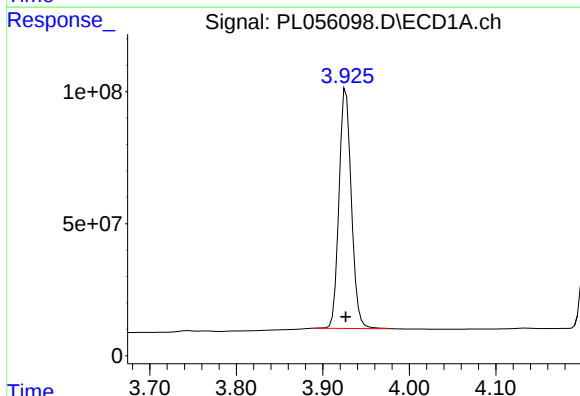
Manual Integrations
APPROVED

mohammad
1/28/2020 1:11:47 PM



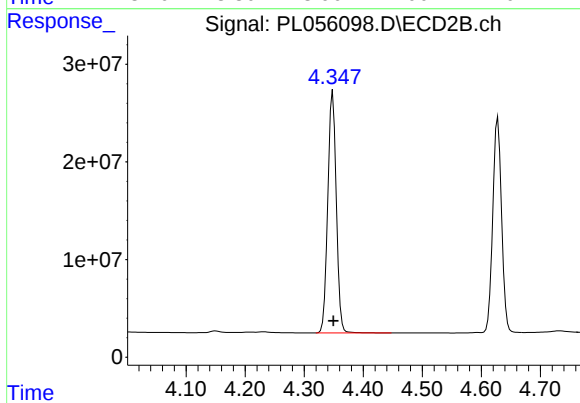
#1 Tetrachloro-m-xylene

R.T.: 3.965 min
Delta R.T.: -0.001 min
Response: 70031000
Conc: 24.78 ng/ml



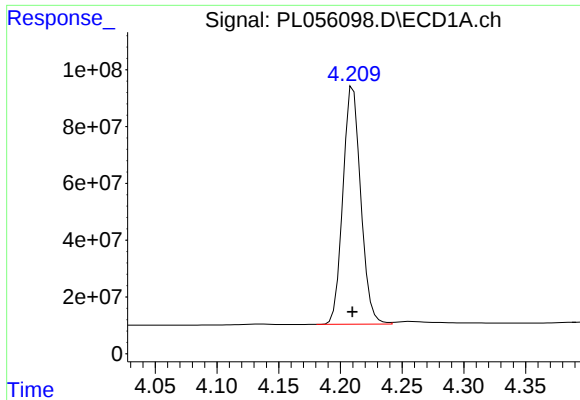
#2 alpha-BHC

R.T.: 3.927 min
Delta R.T.: 0.000 min
Response: 893453630
Conc: 53.84 ng/ml



#2 alpha-BHC

R.T.: 4.348 min
Delta R.T.: -0.001 min
Response: 247514408
Conc: 58.36 ng/ml



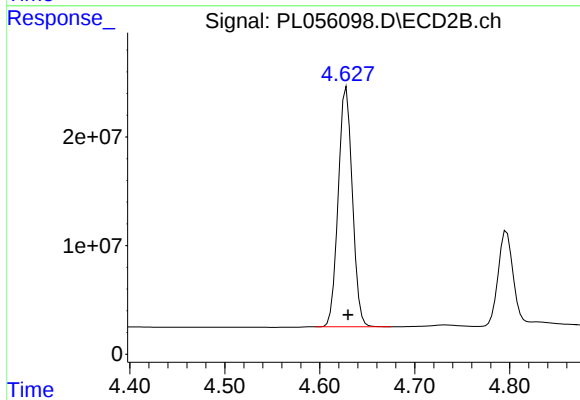
#3 gamma-BHC (Lindane)

R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 842487826
Conc: 55.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126362BS

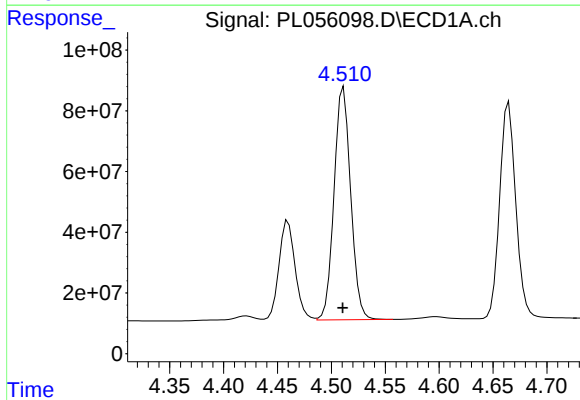
Manual Integrations
APPROVED

mohammad
1/28/2020 1:11:47 PM



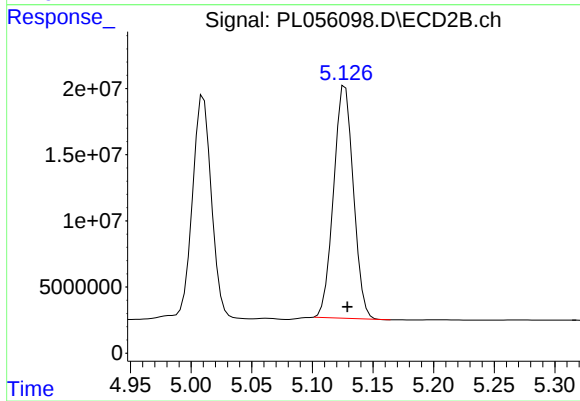
#3 gamma-BHC (Lindane)

R.T.: 4.628 min
Delta R.T.: -0.002 min
Response: 228179080
Conc: 57.52 ng/ml



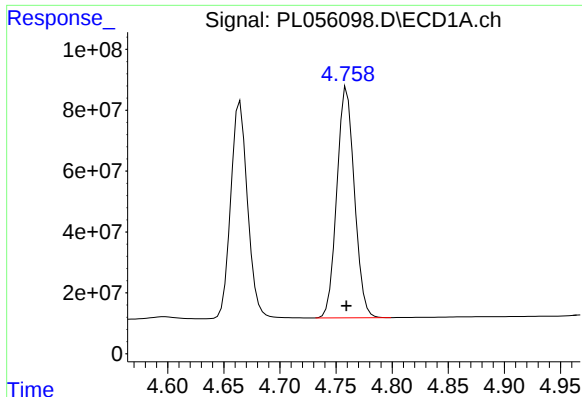
#4 Heptachlor

R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 821946383
Conc: 55.04 ng/ml



#4 Heptachlor

R.T.: 5.127 min
Delta R.T.: -0.002 min
Response: 199083912
Conc: 58.88 ng/ml



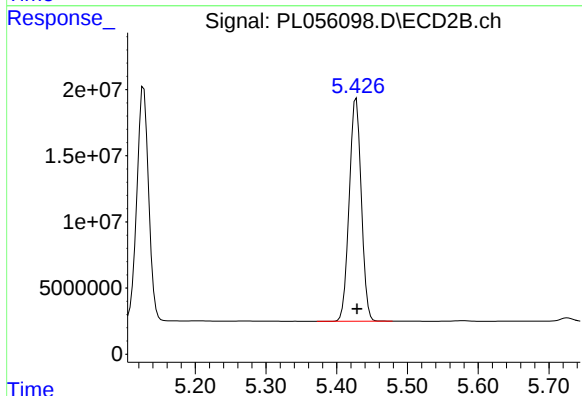
#5 Aldrin

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 825188964
Conc: 56.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126362BS

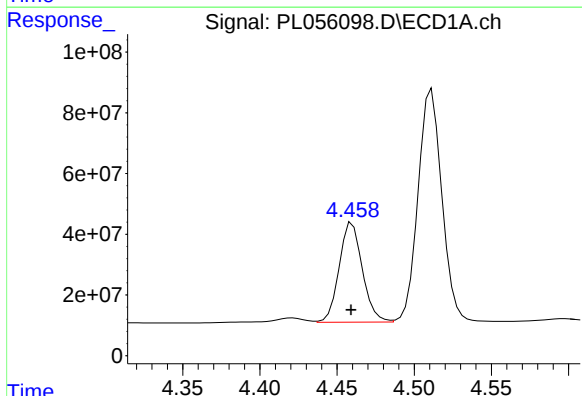
Manual Integrations
APPROVED

mohammad
1/28/2020 1:11:47 PM



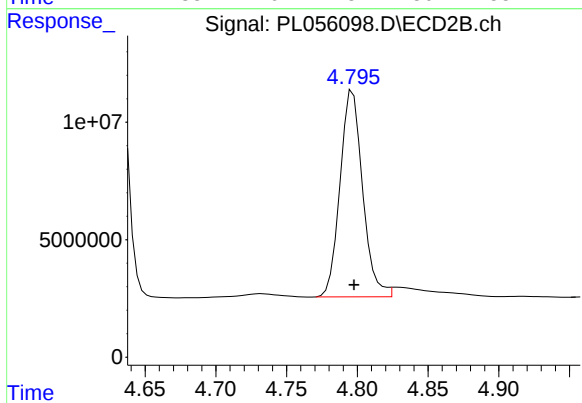
#5 Aldrin

R.T.: 5.428 min
Delta R.T.: -0.002 min
Response: 200240539
Conc: 58.41 ng/ml



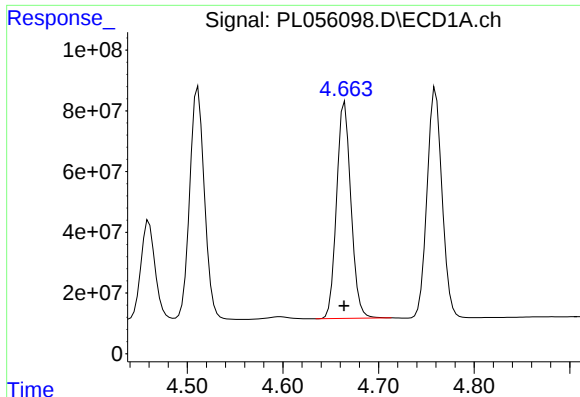
#6 beta-BHC

R.T.: 4.460 min
Delta R.T.: 0.000 min
Response: 342877618
Conc: 53.43 ng/ml



#6 beta-BHC

R.T.: 4.797 min
Delta R.T.: -0.001 min
Response: 97921704
Conc: 61.70 ng/ml



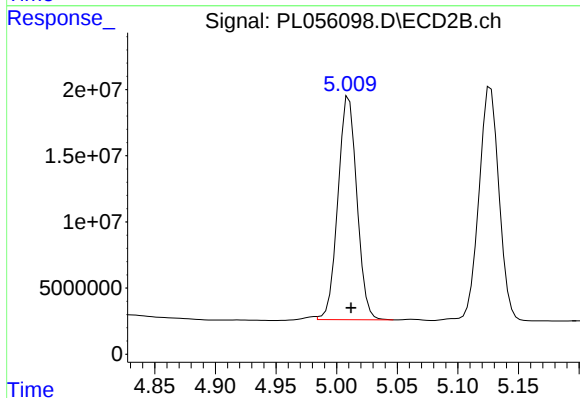
#7 delta-BHC

R.T.: 4.665 min
Delta R.T.: 0.000 min
Response: 743127397
Conc: 50.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126362BS

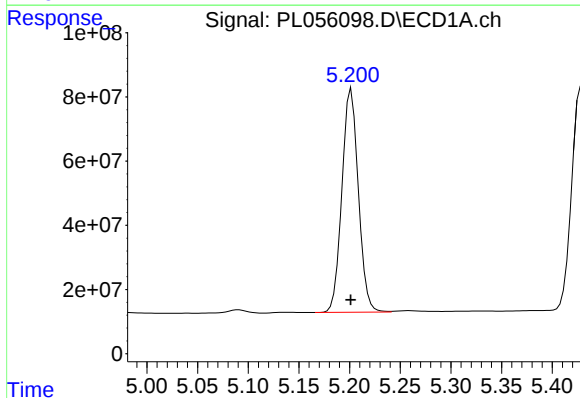
Manual Integrations
APPROVED

mohammad
1/28/2020 1:11:47 PM



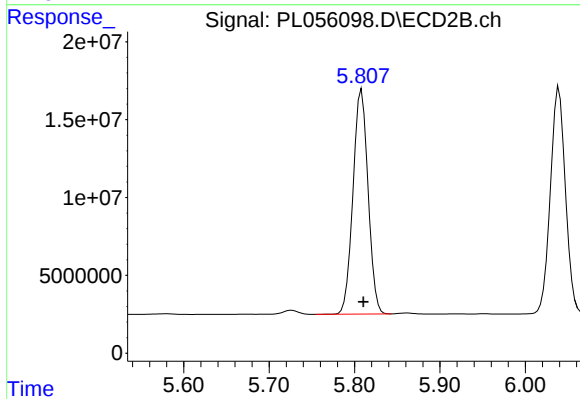
#7 delta-BHC

R.T.: 5.009 min
Delta R.T.: -0.003 min
Response: 183166363
Conc: 61.30 ng/ml m



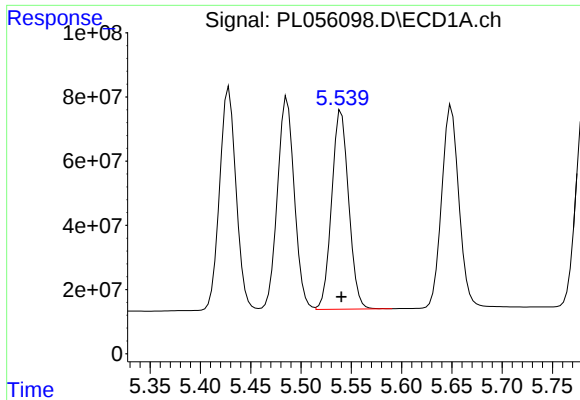
#8 Heptachlor epoxide

R.T.: 5.202 min
Delta R.T.: 0.000 min
Response: 782807240
Conc: 56.75 ng/ml



#8 Heptachlor epoxide

R.T.: 5.808 min
Delta R.T.: -0.002 min
Response: 176689691
Conc: 59.13 ng/ml



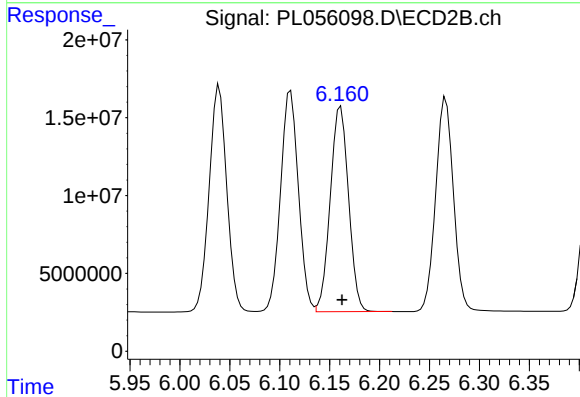
#9 Endosulfan I

R.T.: 5.540 min
Delta R.T.: 0.000 min
Response: 727587752
Conc: 56.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126362BS

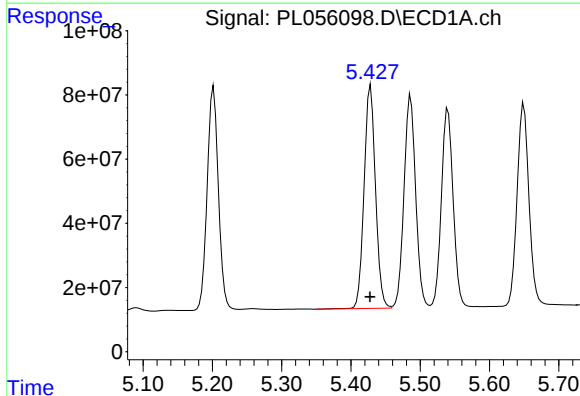
Manual Integrations
APPROVED

mohammad
1/28/2020 1:11:47 PM



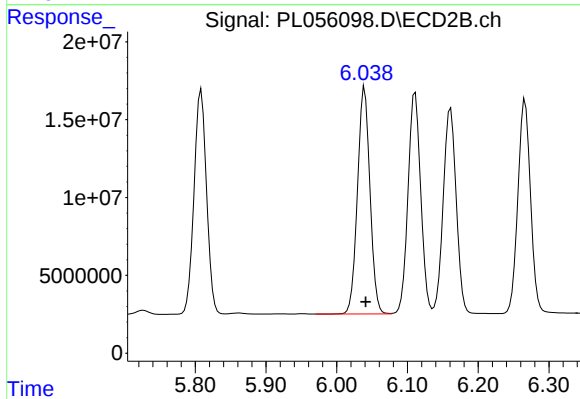
#9 Endosulfan I

R.T.: 6.161 min
Delta R.T.: -0.001 min
Response: 168154517
Conc: 57.75 ng/ml



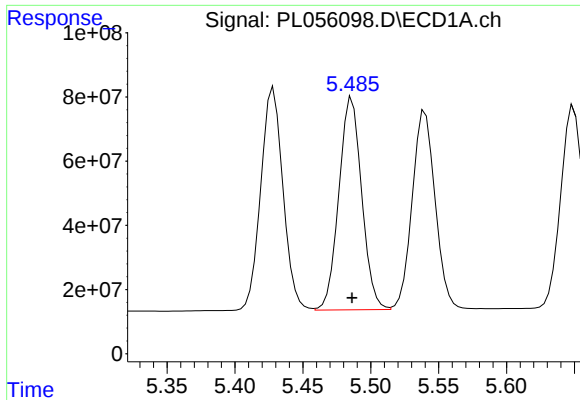
#10 gamma-Chlordane

R.T.: 5.428 min
Delta R.T.: 0.000 min
Response: 793494385
Conc: 56.56 ng/ml



#10 gamma-Chlordane

R.T.: 6.040 min
Delta R.T.: -0.002 min
Response: 178808174
Conc: 57.98 ng/ml



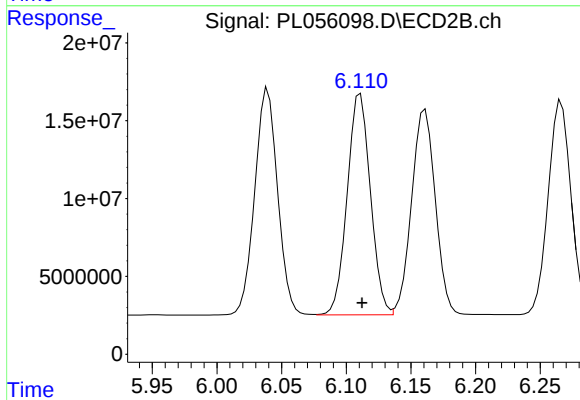
#11 alpha-Chlordane

R.T.: 5.486 min
Delta R.T.: 0.000 min
Response: 774728149
Conc: 56.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126362BS

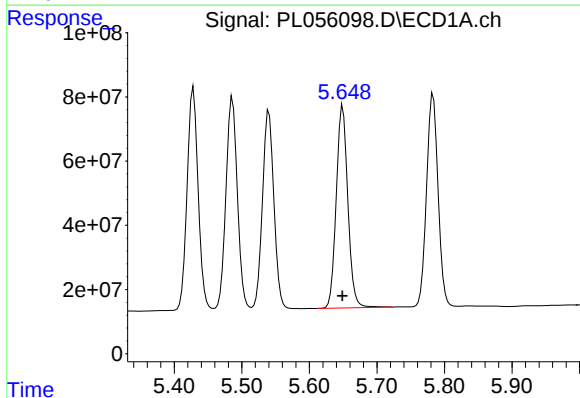
Manual Integrations
APPROVED

mohammad
1/28/2020 1:11:47 PM



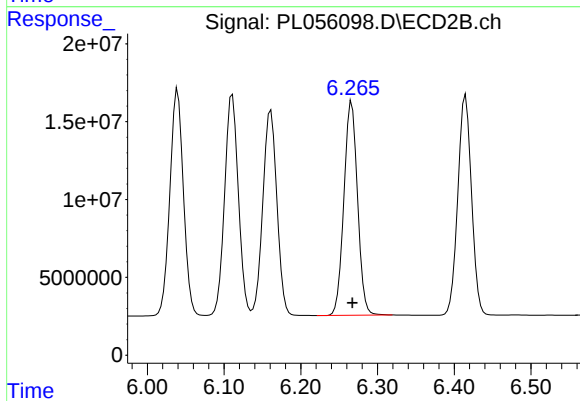
#11 alpha-Chlordane

R.T.: 6.111 min
Delta R.T.: -0.001 min
Response: 177070564
Conc: 57.35 ng/ml



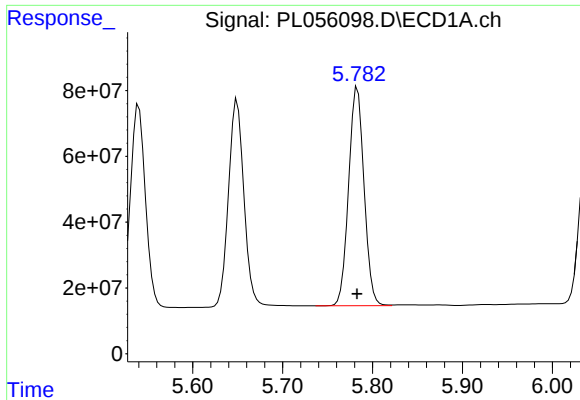
#12 4,4'-DDE

R.T.: 5.650 min
Delta R.T.: 0.000 min
Response: 754211119
Conc: 57.74 ng/ml



#12 4,4'-DDE

R.T.: 6.266 min
Delta R.T.: -0.001 min
Response: 170044580
Conc: 58.06 ng/ml



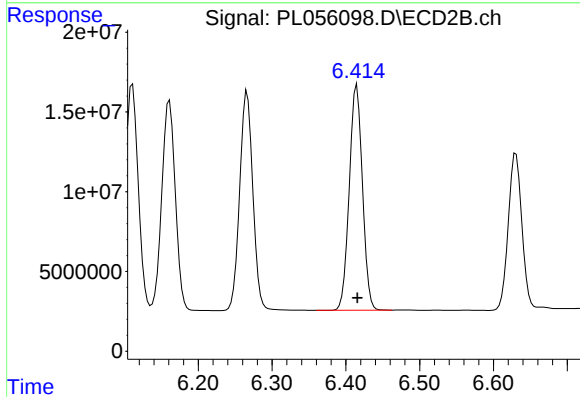
#13 Dieldrin

R.T.: 5.783 min
Delta R.T.: 0.000 min
Response: 791105321
Conc: 57.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126362BS

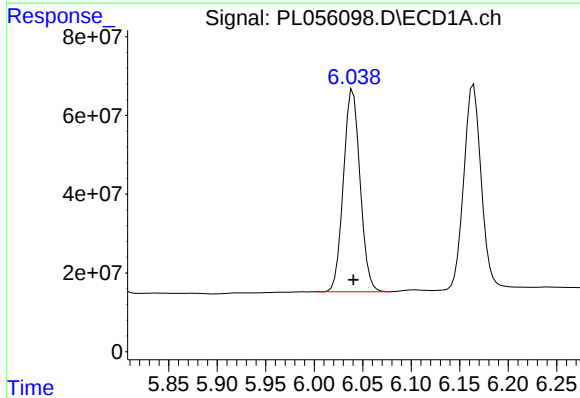
Manual Integrations
APPROVED

mohammad
1/28/2020 1:11:47 PM



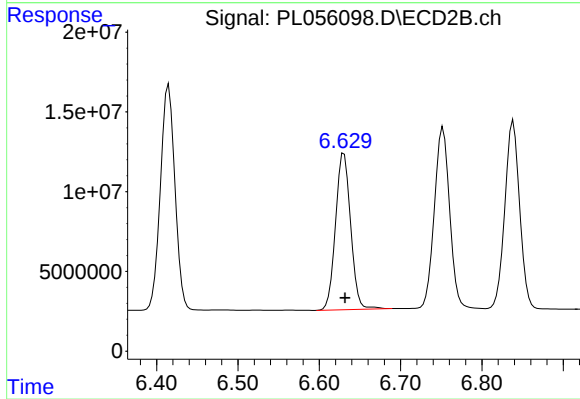
#13 Dieldrin

R.T.: 6.415 min
Delta R.T.: -0.001 min
Response: 174928538
Conc: 57.88 ng/ml



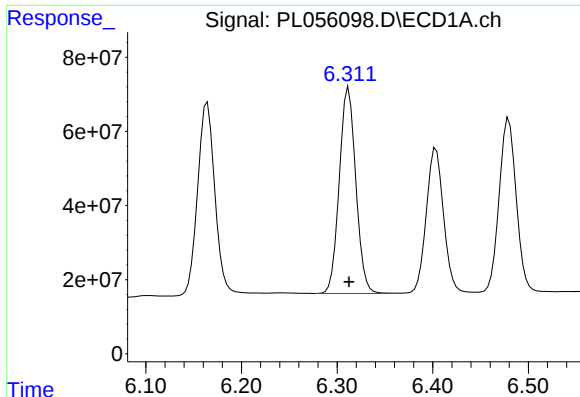
#14 Endrin

R.T.: 6.040 min
Delta R.T.: 0.000 min
Response: 613809112
Conc: 48.59 ng/ml



#14 Endrin

R.T.: 6.630 min
Delta R.T.: -0.001 min
Response: 126849015
Conc: 50.06 ng/ml



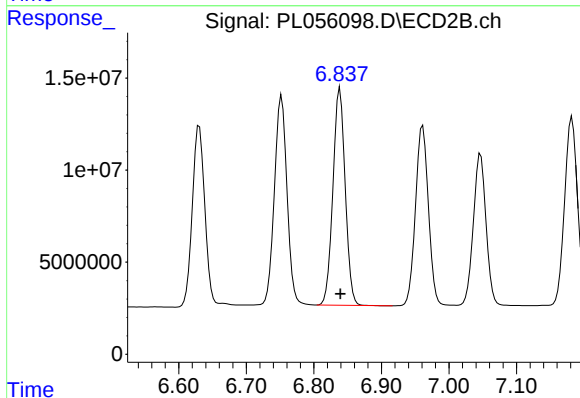
#15 Endosulfan II

R.T.: 6.312 min
Delta R.T.: 0.000 min
Response: 669041960
Conc: 59.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126362BS

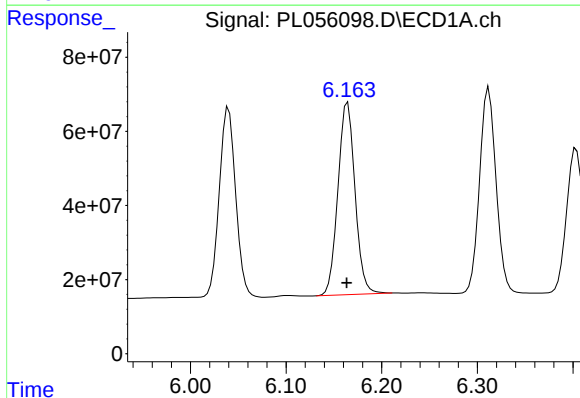
Manual Integrations
APPROVED

mohammad
1/28/2020 1:11:47 PM



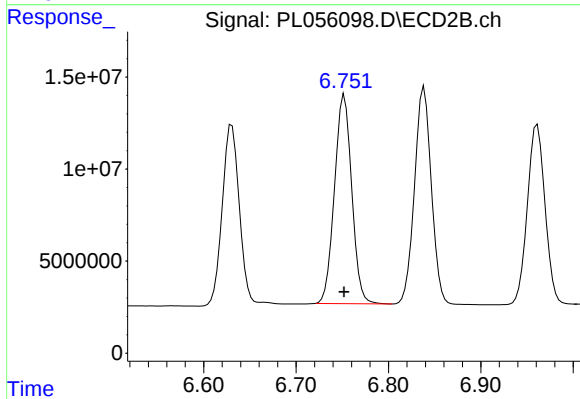
#15 Endosulfan II

R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 149596528
Conc: 55.78 ng/ml



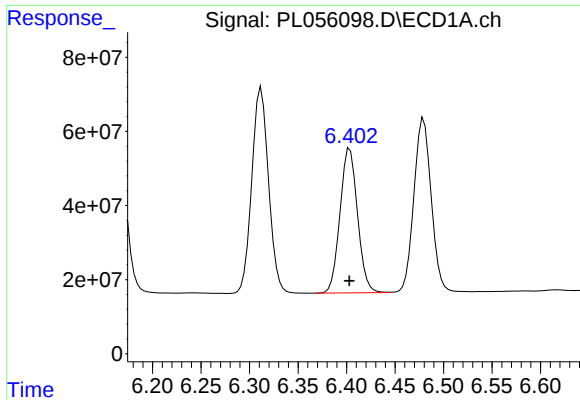
#16 4,4'-DDD

R.T.: 6.164 min
Delta R.T.: 0.000 min
Response: 645641051
Conc: 64.84 ng/ml



#16 4,4'-DDD

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 147476243
Conc: 63.97 ng/ml



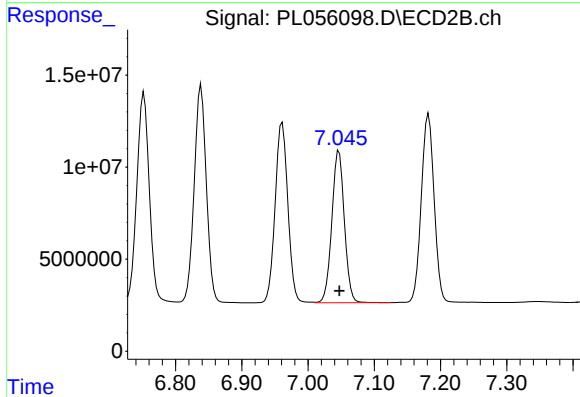
#17 4,4'-DDT

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 489803425
Conc: 48.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126362BS

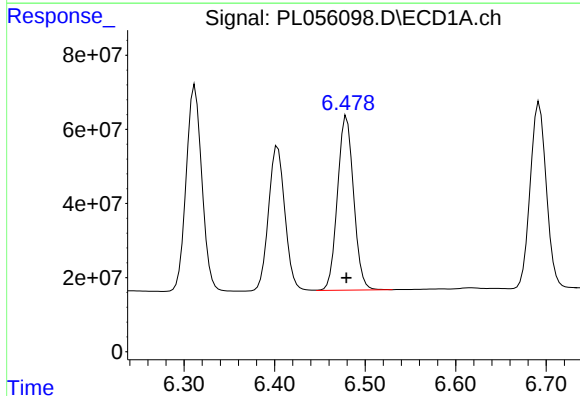
Manual Integrations
APPROVED

mohammad
1/28/2020 1:11:47 PM



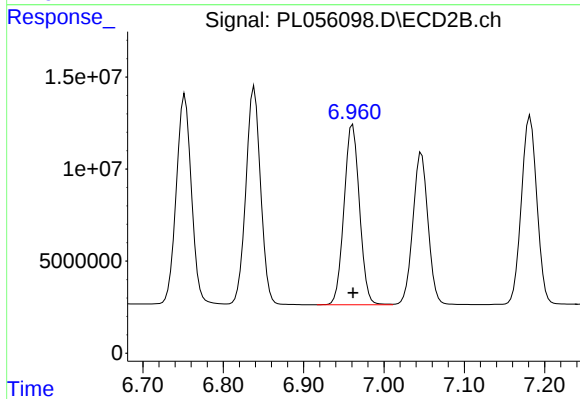
#17 4,4'-DDT

R.T.: 7.047 min
Delta R.T.: 0.000 min
Response: 108296683
Conc: 47.97 ng/ml



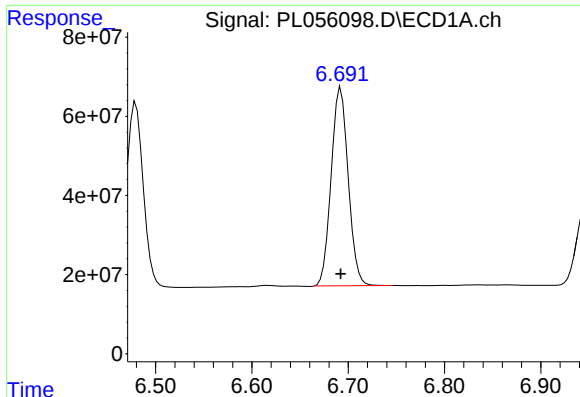
#18 Endrin aldehyde

R.T.: 6.480 min
Delta R.T.: 0.000 min
Response: 582049911
Conc: 56.01 ng/ml



#18 Endrin aldehyde

R.T.: 6.961 min
Delta R.T.: 0.000 min
Response: 130722615
Conc: 57.91 ng/ml



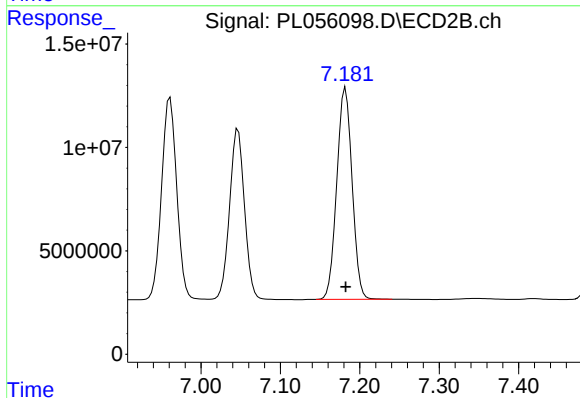
#19 Endosulfan Sulfate

R.T.: 6.692 min
Delta R.T.: 0.000 min
Response: 617470087
Conc: 57.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126362BS

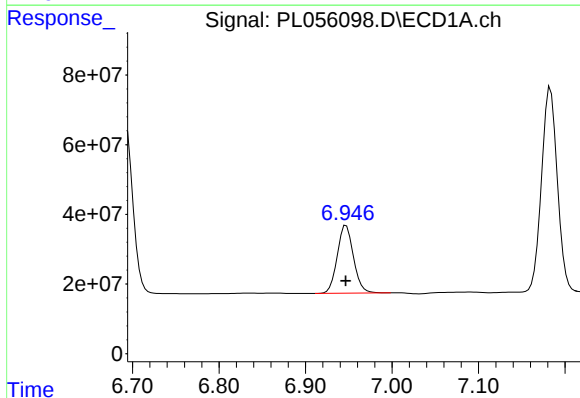
Manual Integrations
APPROVED

mohammad
1/28/2020 1:11:47 PM



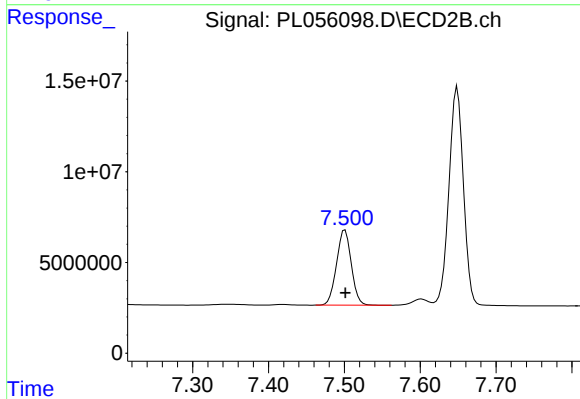
#19 Endosulfan Sulfate

R.T.: 7.182 min
Delta R.T.: 0.000 min
Response: 137163182
Conc: 55.41 ng/ml



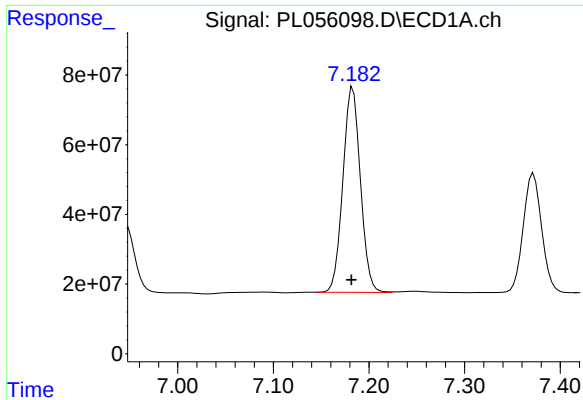
#20 Methoxychlor

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 252499886
Conc: 48.39 ng/ml



#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 56202667
Conc: 47.10 ng/ml



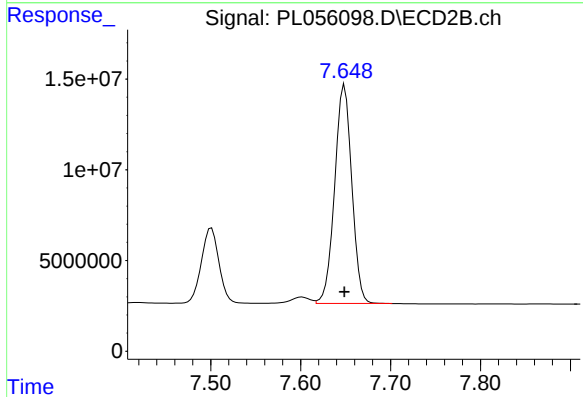
#21 Endrin ketone

R.T.: 7.183 min
Delta R.T.: 0.001 min
Response: 751581702
Conc: 59.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126362BS

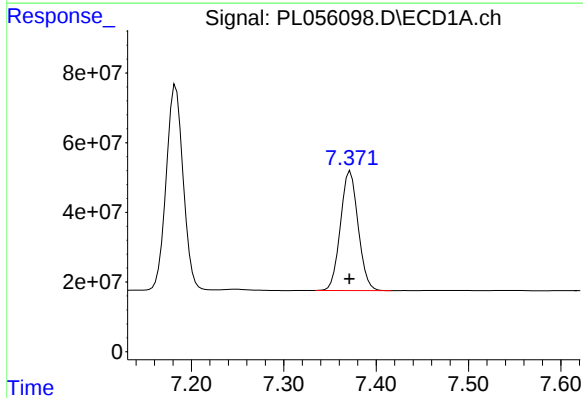
Manual Integrations
APPROVED

mohammad
1/28/2020 1:11:47 PM



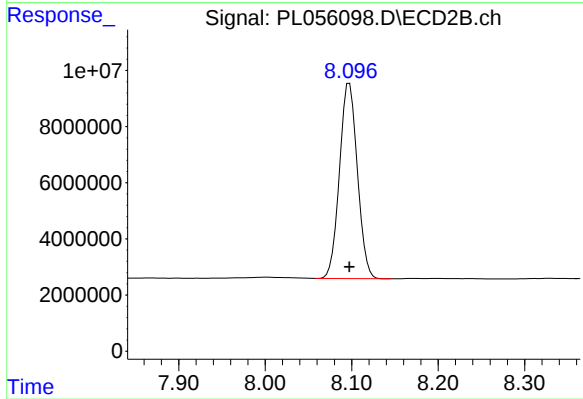
#21 Endrin ketone

R.T.: 7.649 min
Delta R.T.: 0.000 min
Response: 159633787
Conc: 60.45 ng/ml



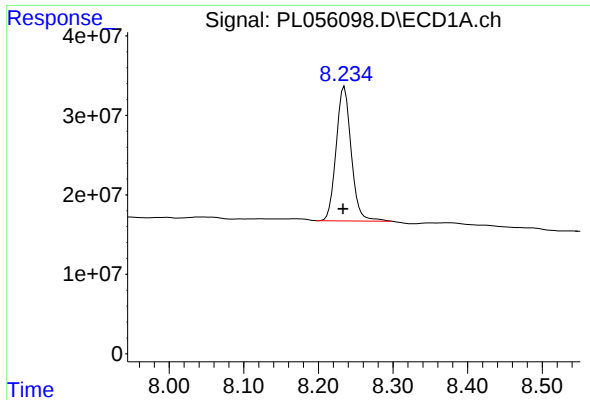
#22 Mirex

R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 456435979
Conc: 64.99 ng/ml



#22 Mirex

R.T.: 8.097 min
Delta R.T.: 0.000 min
Response: 99337640
Conc: 54.44 ng/ml



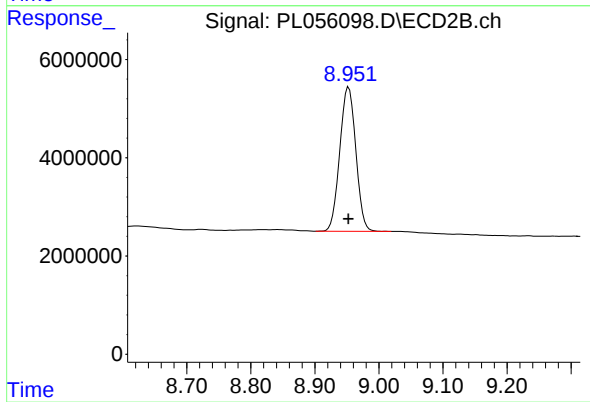
#28 Decachlorobiphenyl

R.T.: 8.235 min
Delta R.T.: 0.002 min
Response: 237592652
Conc: 22.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB126362BS

Manual Integrations
APPROVED

mohammad
1/28/2020 1:11:47 PM



#28 Decachlorobiphenyl

R.T.: 8.953 min
Delta R.T.: 0.000 min
Response: 50988336
Conc: 22.26 ng/ml