

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040820\
 Data File : PL057852.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2020 14:58
 Operator : AJ\MA
 Sample : L2172-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 CC-1MSD

Manual Integrations
 APPROVED

mohammad
 4/10/2020 11:46:51 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 01:08:12 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040320.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 04 06:41:11 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...	3.458	3.956	267.7E6	59283328	26.557	27.318
28)	SA Decachlor...	8.206	8.980	216.6E6	56608548	21.012	25.342
Target Compounds							
2)	A alpha-BHC	3.894	4.344	984.5E6	190.3E6	56.674	57.940
3)	MA gamma-BHC...	4.178	4.626	859.3E6	188.9E6	59.116	58.153
4)	MA Heptachlor	4.478	5.128	893.1E6	197.5E6	55.715	58.835
5)	MB Aldrin	4.726	5.430	833.4E6	187.9E6	56.600	58.014
6)	B beta-BHC	4.430	4.799	365.3E6	87236413	57.849	62.823
7)	B delta-BHC	4.634	5.014	826.3E6	135.5E6	54.448	54.043
8)	B Heptachlo...	5.169	5.814	750.4E6	164.7E6	55.834	60.996
9)	A Endosulfan I	5.508	6.170	692.6E6	169.6E6	56.510	56.864
10)	B gamma-Chl...	5.396	6.048	759.8E6	186.4E6	55.943	57.525
11)	B alpha-Chl...	5.454	6.120	730.3E6	184.4E6	54.842	56.338
12)	B 4,4'-DDE	5.618	6.279	728.5E6	172.0E6	55.612	58.104
13)	MA Dieldrin	5.750	6.425	714.4E6	176.1E6	54.914	57.630
14)	MA Endrin	6.008	6.641	634.3E6	136.9E6	54.339	54.785
15)	B Endosulfa...	6.281	6.852	578.2E6	141.3E6	52.269	54.478
16)	A 4,4'-DDD	6.133	6.768	535.7E6	133.9E6	53.602	58.669
17)	MA 4,4'-DDT	6.374	7.064	559.8E6	119.3E6	55.157	53.561
18)	B Endrin al...	6.449	6.976	484.4E6	120.3E6	51.814	54.131
19)	B Endosulfa...	6.662	7.197	526.5E6	131.6E6	51.821	55.459m
20)	A Methoxychlor	6.919	7.524	275.8E6	67174495	50.027	52.809
21)	B Endrin ke...	7.153	7.666	588.1E6	142.4E6	52.825	57.610
22)	Mirex	7.340	8.115	415.2E6	99870695	50.646	54.318

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040820\
Data File : PL057852.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Apr 2020 14:58
Operator : AJ\MA
Sample : L2172-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

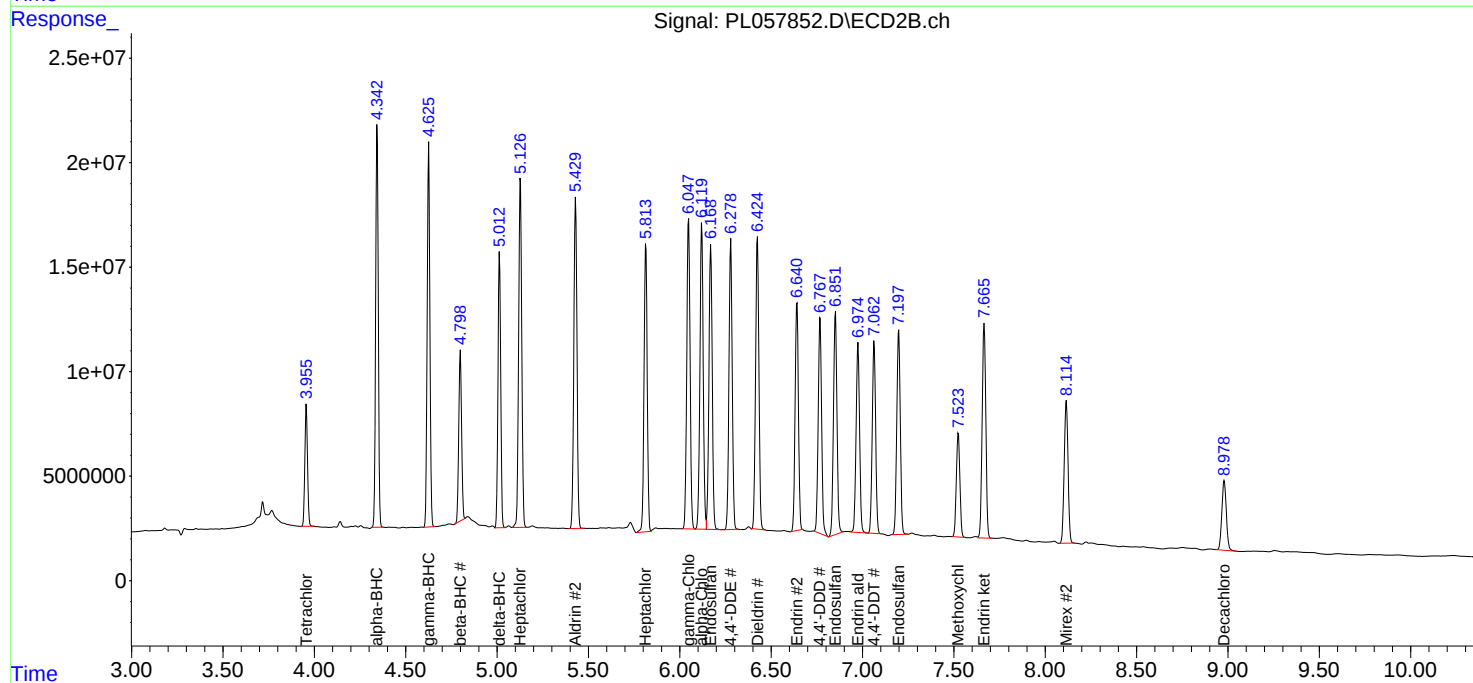
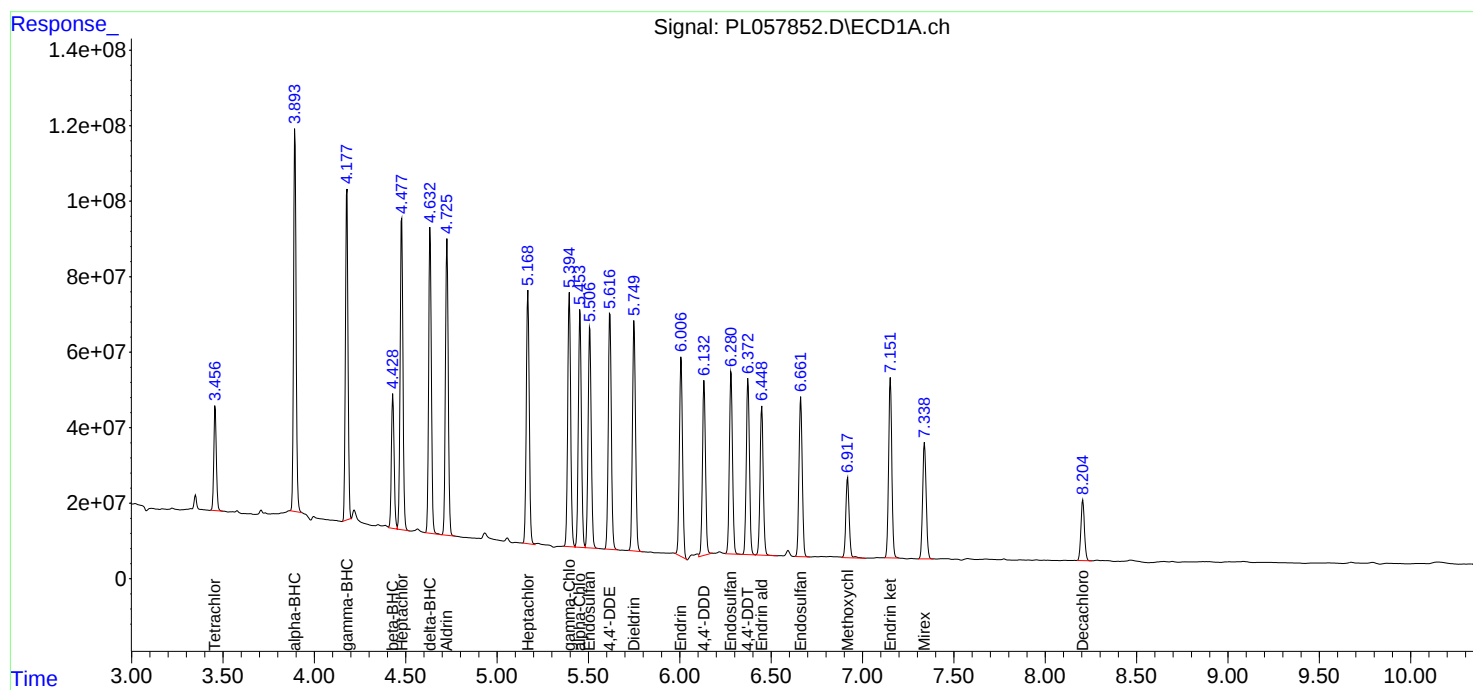
Instrument :
ECD_L
ClientSampled :
CC-1MSD

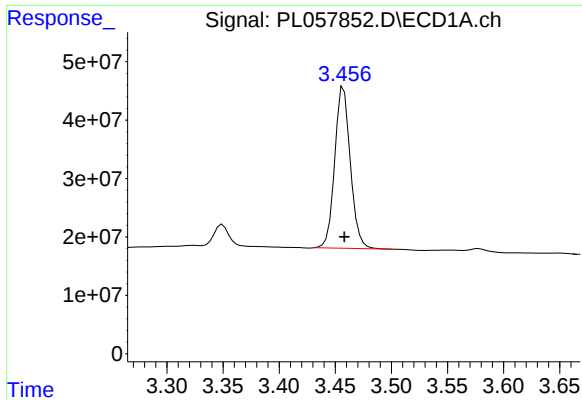
Manual Integrations
APPROVED

mohammad
4/10/2020 11:46:51 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 09 01:08:12 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040320.M
Quant Title : GC Extractables
QLast Update : Sat Apr 04 06:41:11 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





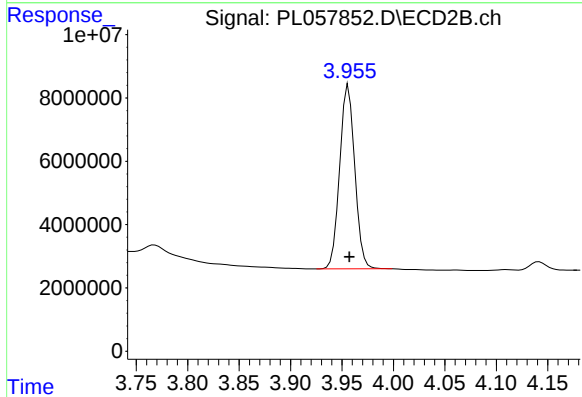
#1 Tetrachloro-m-xylene

R.T.: 3.458 min
Delta R.T.: 0.000 min
Response: 267720409
Conc: 26.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
CC-1MSD

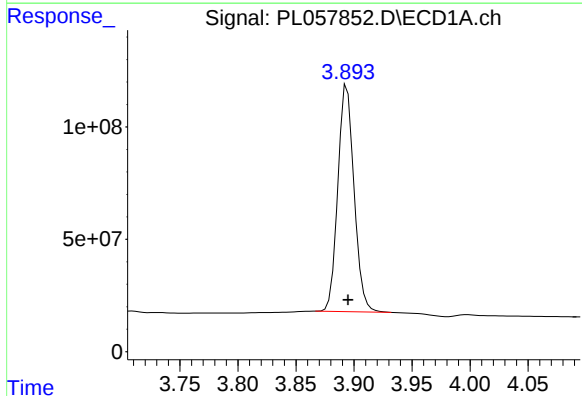
Manual Integrations
APPROVED

mohammad
4/10/2020 11:46:51 AM



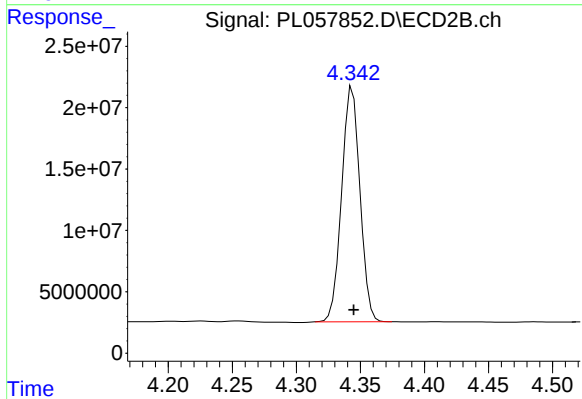
#1 Tetrachloro-m-xylene

R.T.: 3.956 min
Delta R.T.: -0.001 min
Response: 59283328
Conc: 27.32 ng/ml



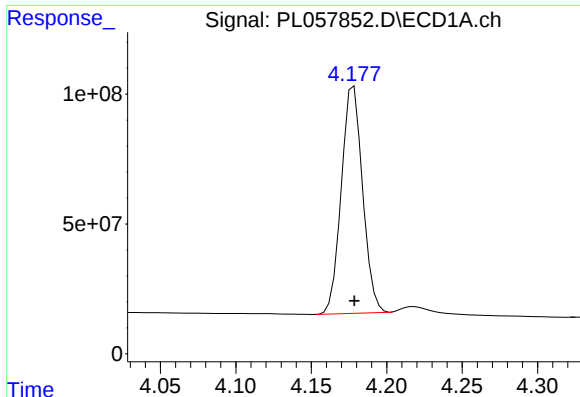
#2 alpha-BHC

R.T.: 3.894 min
Delta R.T.: 0.000 min
Response: 984538347
Conc: 56.67 ng/ml



#2 alpha-BHC

R.T.: 4.344 min
Delta R.T.: 0.000 min
Response: 190256534
Conc: 57.94 ng/ml



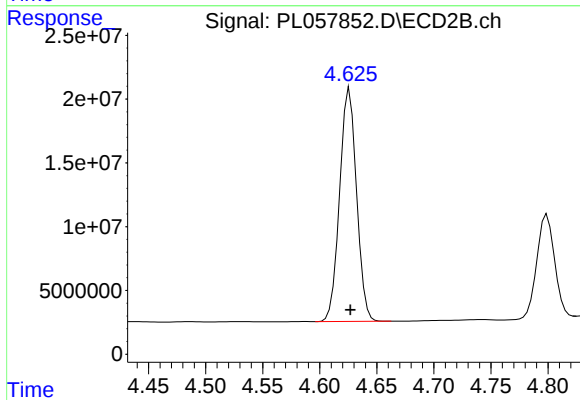
#3 gamma-BHC (Lindane)

R.T.: 4.178 min
Delta R.T.: 0.000 min
Response: 859267117
Conc: 59.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
CC-1MSD

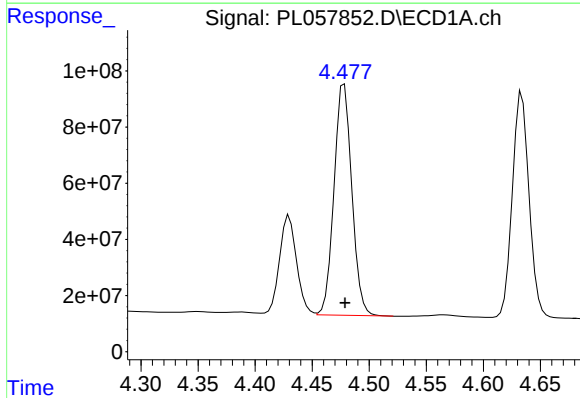
Manual Integrations
APPROVED

mohammad
4/10/2020 11:46:51 AM



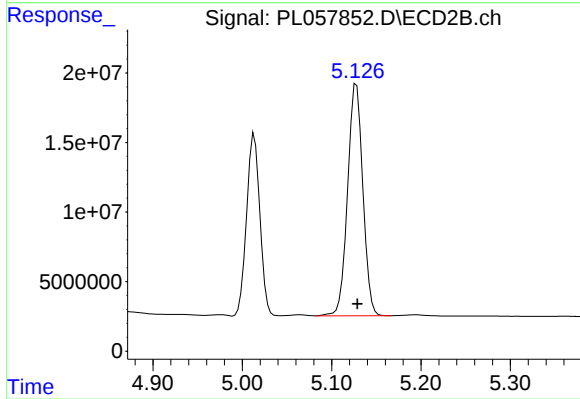
#3 gamma-BHC (Lindane)

R.T.: 4.626 min
Delta R.T.: 0.000 min
Response: 188914463
Conc: 58.15 ng/ml



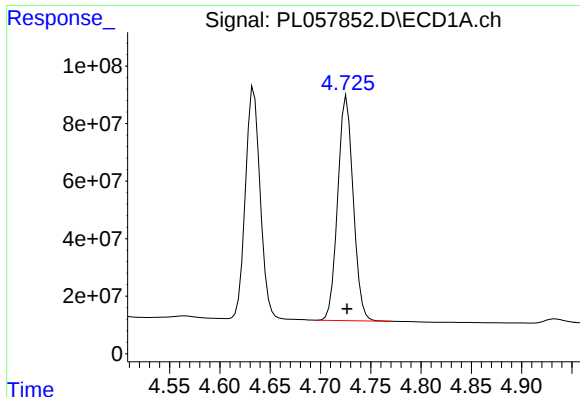
#4 Heptachlor

R.T.: 4.478 min
Delta R.T.: 0.000 min
Response: 893127905
Conc: 55.71 ng/ml



#4 Heptachlor

R.T.: 5.128 min
Delta R.T.: 0.000 min
Response: 197458993
Conc: 58.83 ng/ml



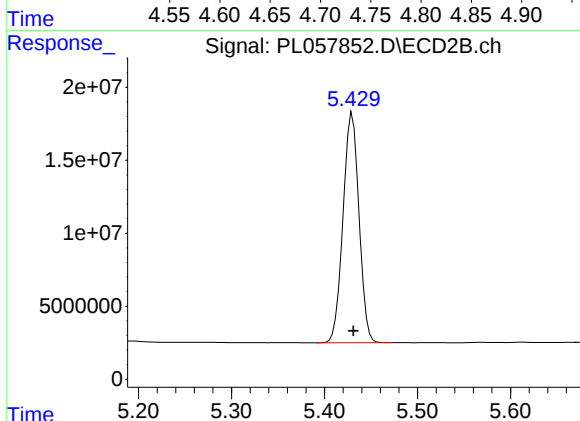
#5 Aldrin

R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 833431680
Conc: 56.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
CC-1MSD

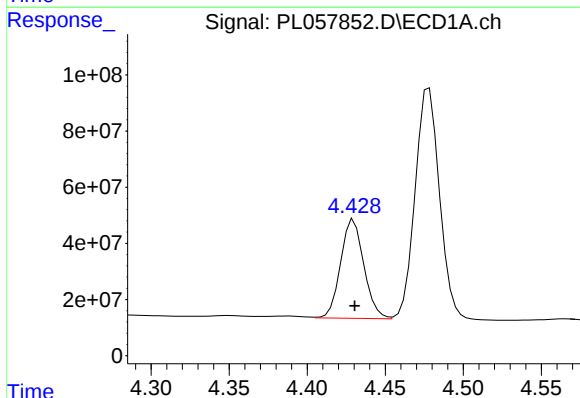
Manual Integrations
APPROVED

mohammad
4/10/2020 11:46:51 AM



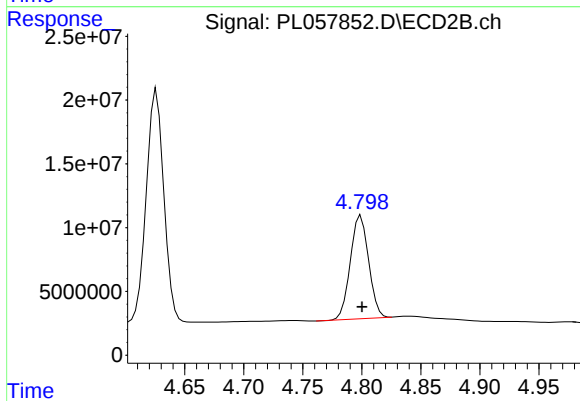
#5 Aldrin

R.T.: 5.430 min
Delta R.T.: 0.000 min
Response: 187861457
Conc: 58.01 ng/ml



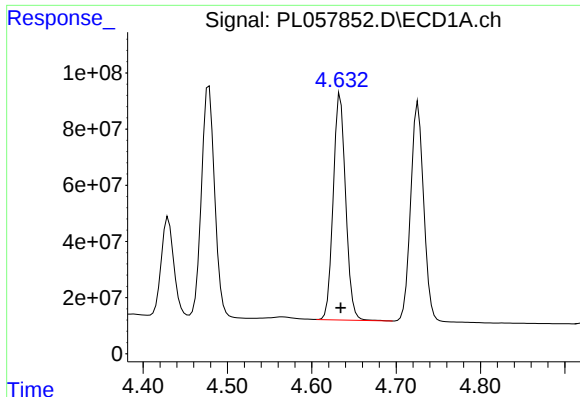
#6 beta-BHC

R.T.: 4.430 min
Delta R.T.: 0.000 min
Response: 365330219
Conc: 57.85 ng/ml



#6 beta-BHC

R.T.: 4.799 min
Delta R.T.: -0.001 min
Response: 87236413
Conc: 62.82 ng/ml



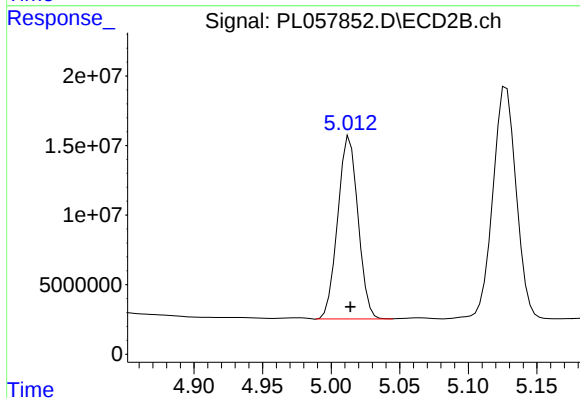
#7 delta-BHC

R.T.: 4.634 min
Delta R.T.: 0.000 min
Response: 826311796
Conc: 54.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
CC-1MSD

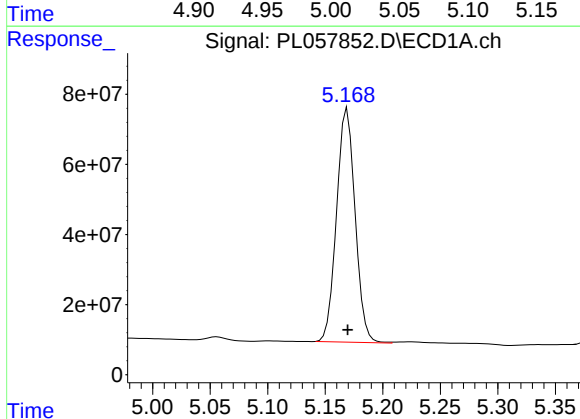
Manual Integrations
APPROVED

mohammad
4/10/2020 11:46:51 AM



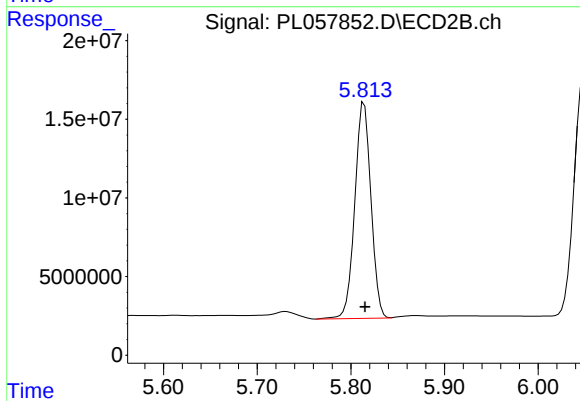
#7 delta-BHC

R.T.: 5.014 min
Delta R.T.: 0.000 min
Response: 135544987
Conc: 54.04 ng/ml



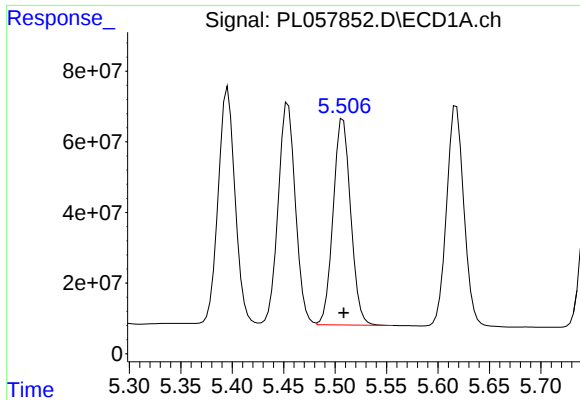
#8 Heptachlor epoxide

R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 750409062
Conc: 55.83 ng/ml



#8 Heptachlor epoxide

R.T.: 5.814 min
Delta R.T.: 0.000 min
Response: 164709367
Conc: 61.00 ng/ml



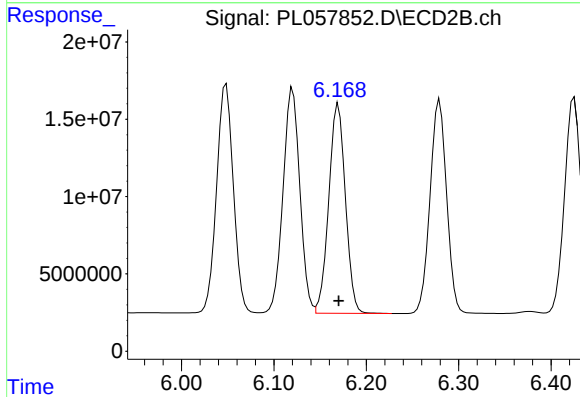
#9 Endosulfan I

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 692617788
Conc: 56.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
CC-1MSD

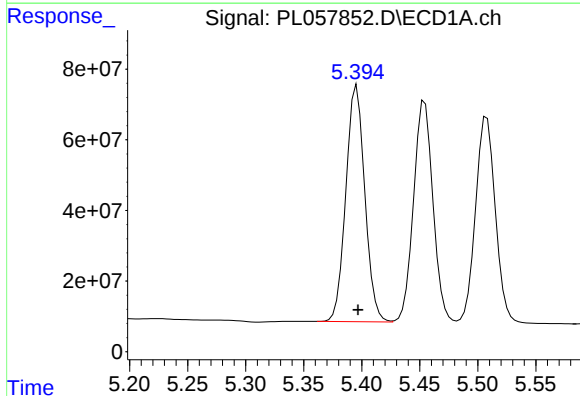
Manual Integrations
APPROVED

mohammad
4/10/2020 11:46:51 AM



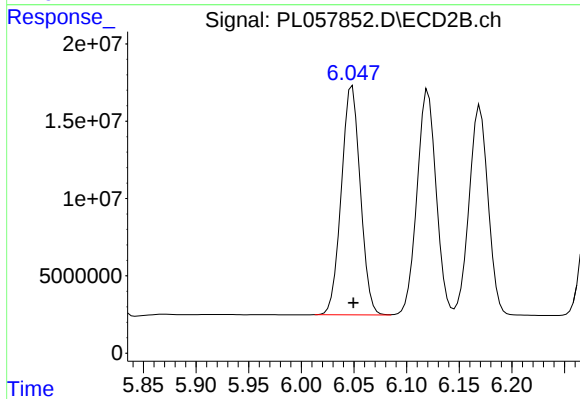
#9 Endosulfan I

R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 169555024
Conc: 56.86 ng/ml



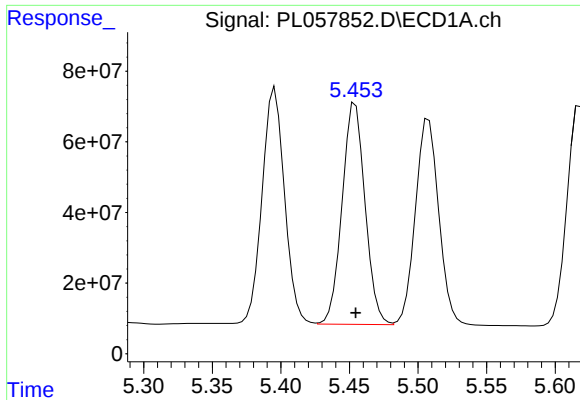
#10 gamma-Chlordane

R.T.: 5.396 min
Delta R.T.: -0.001 min
Response: 759780241
Conc: 55.94 ng/ml



#10 gamma-Chlordane

R.T.: 6.048 min
Delta R.T.: -0.001 min
Response: 186373285
Conc: 57.52 ng/ml



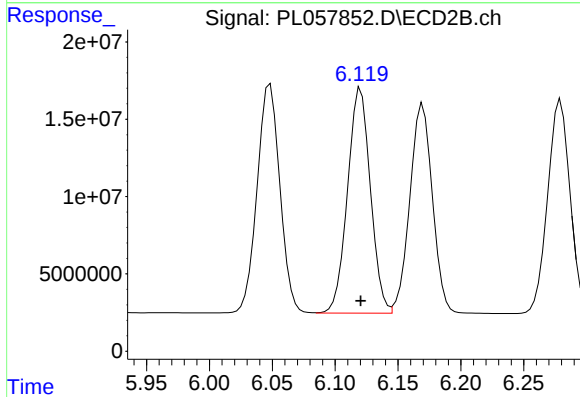
#11 alpha-Chlordane

R.T.: 5.454 min
Delta R.T.: 0.000 min
Response: 730260631
Conc: 54.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
CC-1MSD

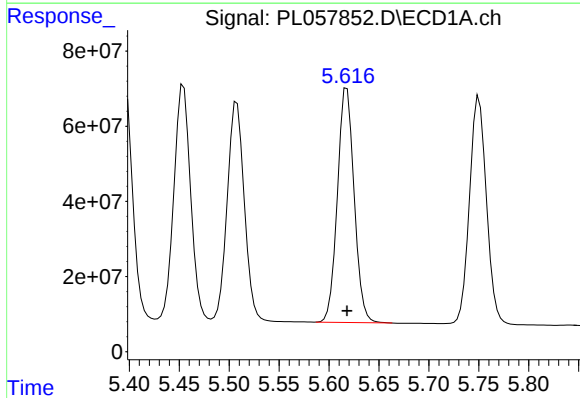
Manual Integrations
APPROVED

mohammad
4/10/2020 11:46:51 AM



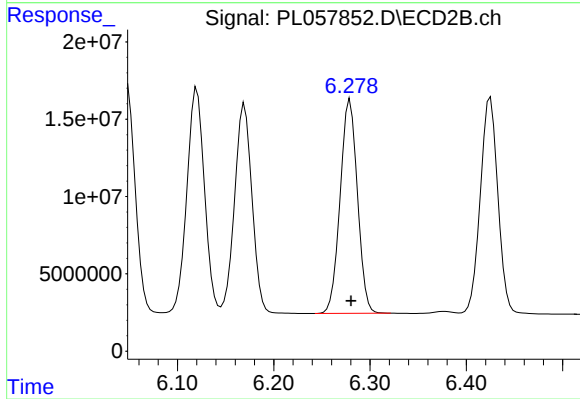
#11 alpha-Chlordane

R.T.: 6.120 min
Delta R.T.: 0.000 min
Response: 184355952
Conc: 56.34 ng/ml



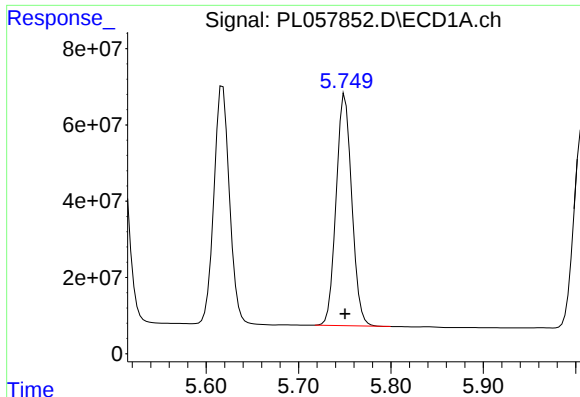
#12 4,4'-DDE

R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 728526219
Conc: 55.61 ng/ml



#12 4,4'-DDE

R.T.: 6.279 min
Delta R.T.: 0.000 min
Response: 172025581
Conc: 58.10 ng/ml



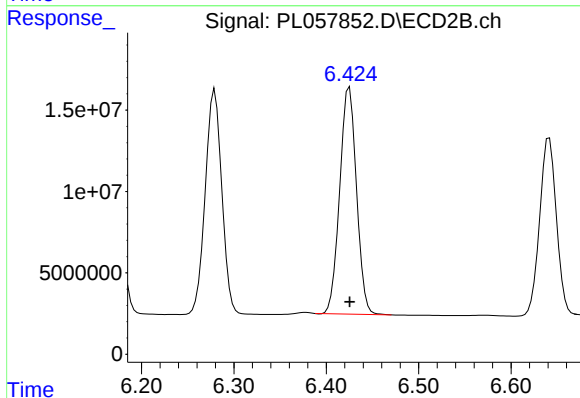
#13 Dieldrin

R.T.: 5.750 min
Delta R.T.: 0.000 min
Response: 714375042
Conc: 54.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
CC-1MSD

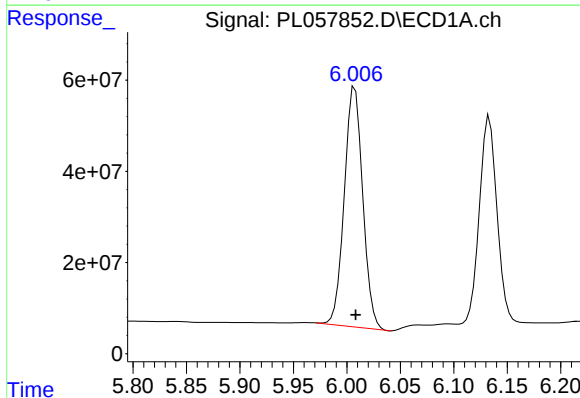
Manual Integrations
APPROVED

mohammad
4/10/2020 11:46:51 AM



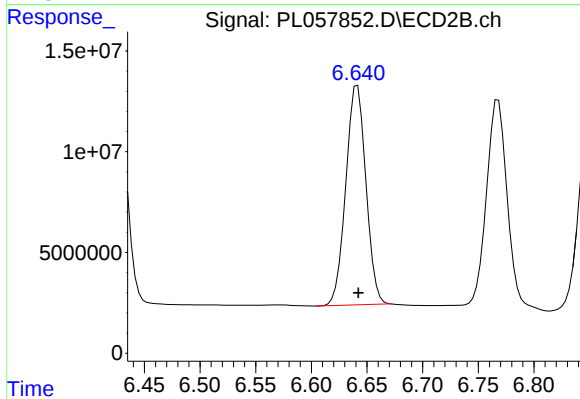
#13 Dieldrin

R.T.: 6.425 min
Delta R.T.: 0.000 min
Response: 176095445
Conc: 57.63 ng/ml



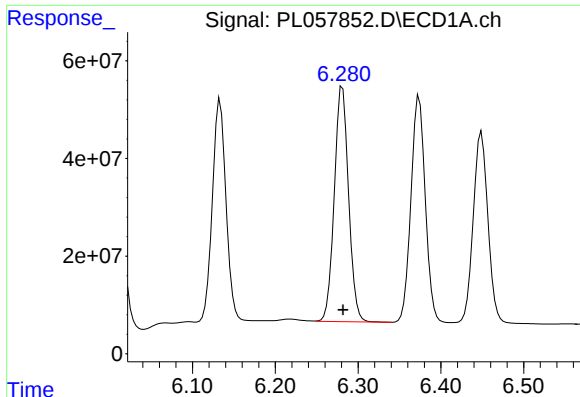
#14 Endrin

R.T.: 6.008 min
Delta R.T.: 0.000 min
Response: 634289456
Conc: 54.34 ng/ml



#14 Endrin

R.T.: 6.641 min
Delta R.T.: 0.000 min
Response: 136883116
Conc: 54.79 ng/ml



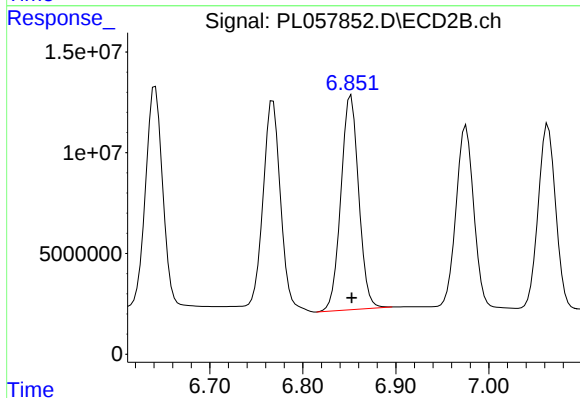
#15 Endosulfan II

R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 578210726
Conc: 52.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
CC-1MSD

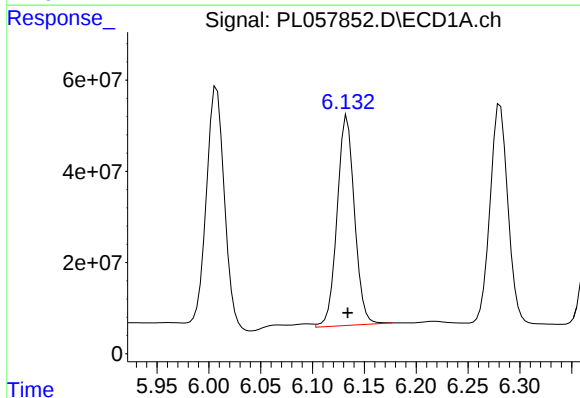
Manual Integrations
APPROVED

mohammad
4/10/2020 11:46:51 AM



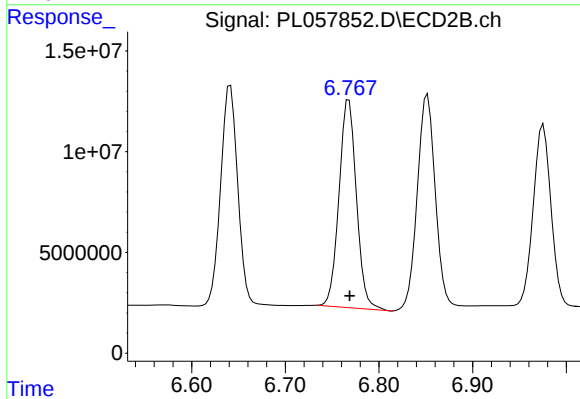
#15 Endosulfan II

R.T.: 6.852 min
Delta R.T.: 0.000 min
Response: 141294885
Conc: 54.48 ng/ml



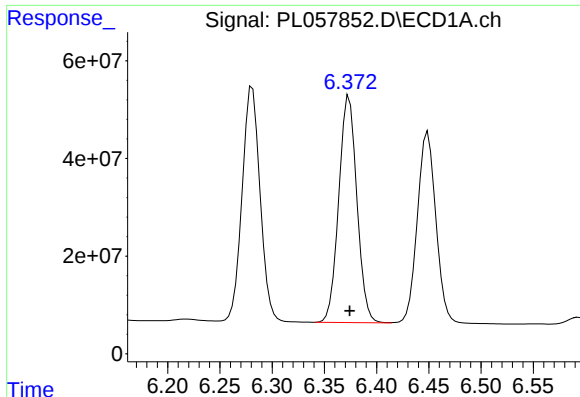
#16 4,4'-DDD

R.T.: 6.133 min
Delta R.T.: 0.000 min
Response: 535722870
Conc: 53.60 ng/ml



#16 4,4'-DDD

R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 133893944
Conc: 58.67 ng/ml



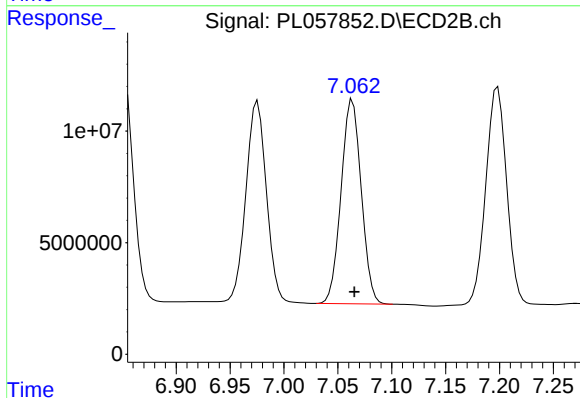
#17 4,4'-DDT

R.T.: 6.374 min
Delta R.T.: 0.000 min
Response: 559815695
Conc: 55.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
CC-1MSD

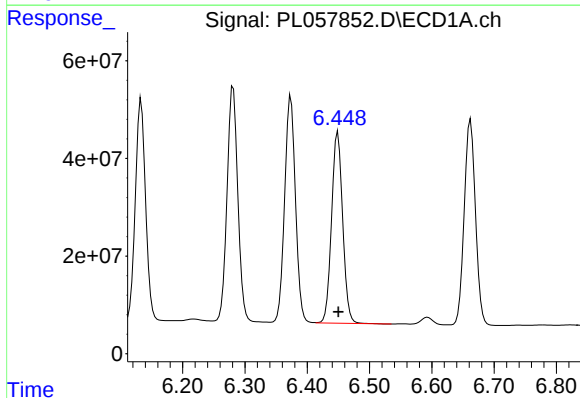
Manual Integrations
APPROVED

mohammad
4/10/2020 11:46:51 AM



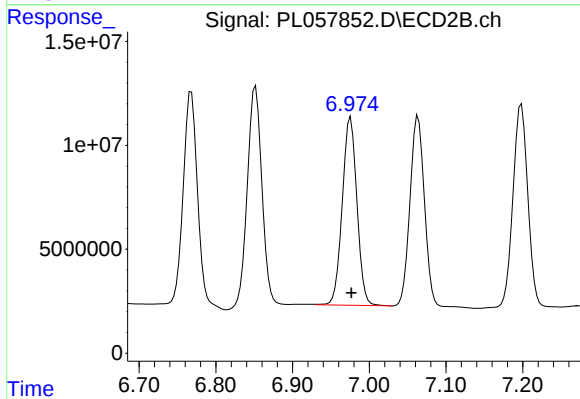
#17 4,4'-DDT

R.T.: 7.064 min
Delta R.T.: -0.002 min
Response: 119299632
Conc: 53.56 ng/ml



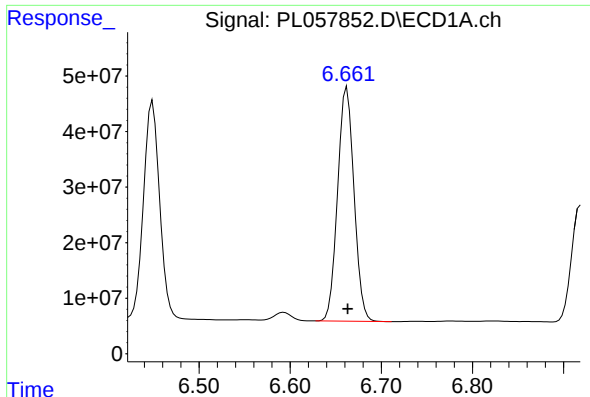
#18 Endrin aldehyde

R.T.: 6.449 min
Delta R.T.: 0.000 min
Response: 484442899
Conc: 51.81 ng/ml



#18 Endrin aldehyde

R.T.: 6.976 min
Delta R.T.: 0.000 min
Response: 120260453
Conc: 54.13 ng/ml



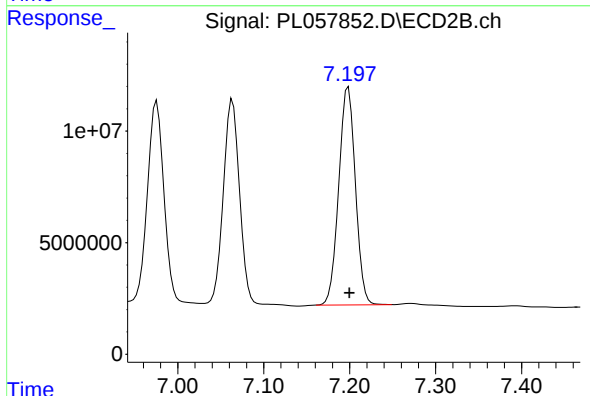
#19 Endosulfan Sulfate

R.T.: 6.662 min
Delta R.T.: 0.000 min
Response: 526481186
Conc: 51.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
CC-1MSD

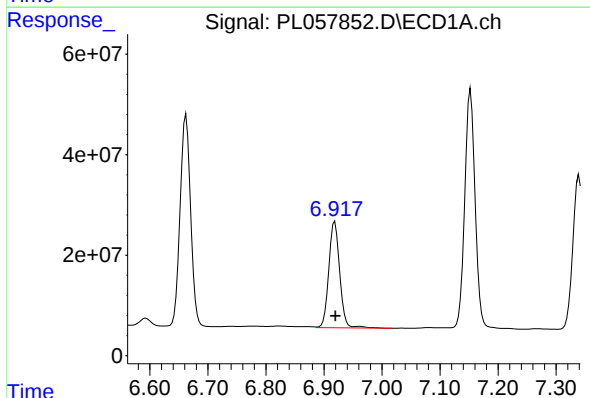
Manual Integrations
APPROVED

mohammad
4/10/2020 11:46:51 AM



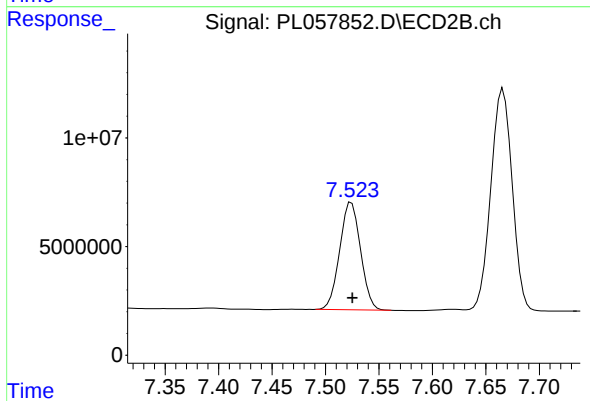
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: -0.002 min
Response: 131605559
Conc: 55.46 ng/ml m



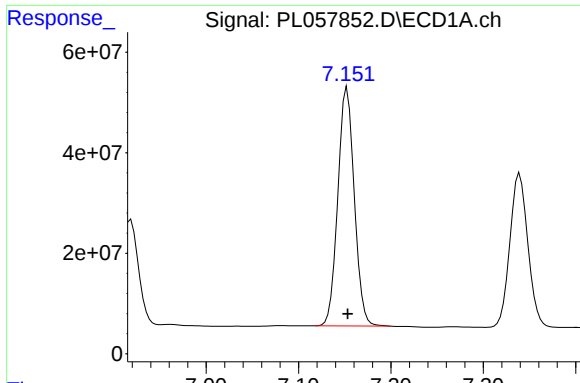
#20 Methoxychlor

R.T.: 6.919 min
Delta R.T.: 0.000 min
Response: 275779413
Conc: 50.03 ng/ml



#20 Methoxychlor

R.T.: 7.524 min
Delta R.T.: 0.000 min
Response: 67174495
Conc: 52.81 ng/ml



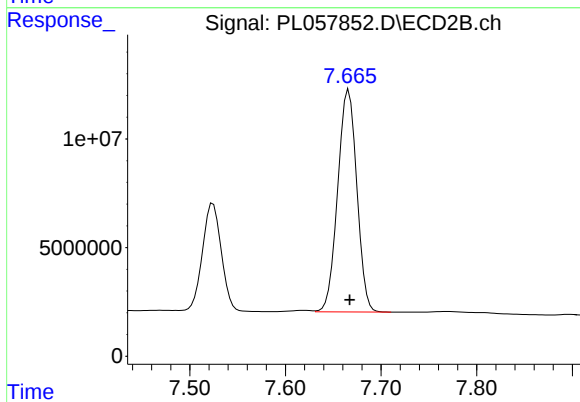
#21 Endrin ketone

R.T.: 7.153 min
Delta R.T.: 0.000 min
Response: 588091172
Conc: 52.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
CC-1MSD

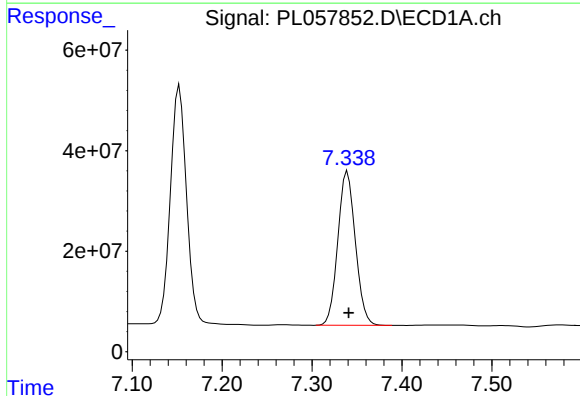
Manual Integrations
APPROVED

mohammad
4/10/2020 11:46:51 AM



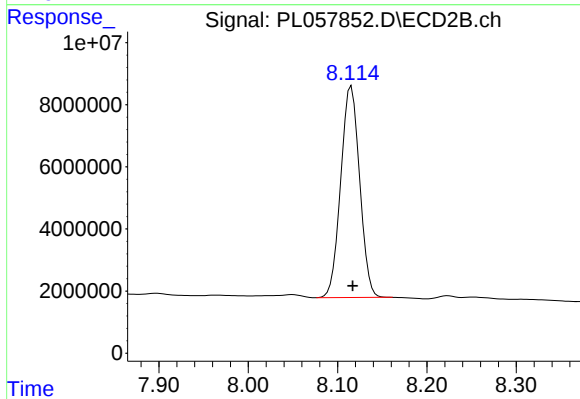
#21 Endrin ketone

R.T.: 7.666 min
Delta R.T.: -0.001 min
Response: 142413228
Conc: 57.61 ng/ml



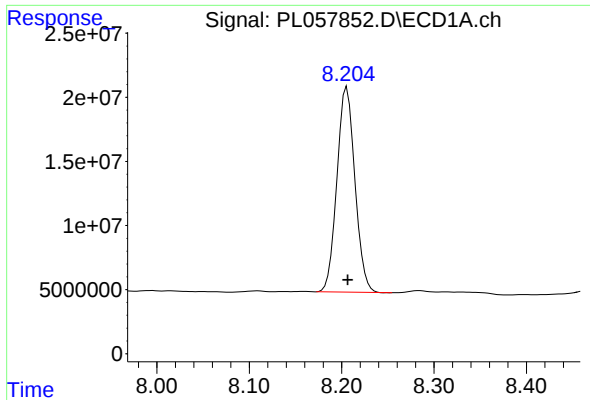
#22 Mirex

R.T.: 7.340 min
Delta R.T.: -0.001 min
Response: 415156588
Conc: 50.65 ng/ml



#22 Mirex

R.T.: 8.115 min
Delta R.T.: -0.001 min
Response: 99870695
Conc: 54.32 ng/ml



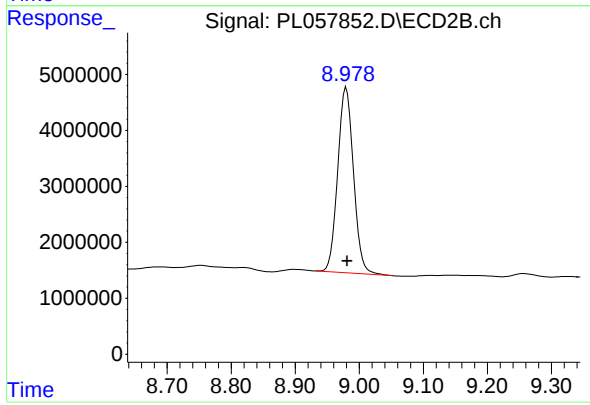
#28 Decachlorobiphenyl

R.T.: 8.206 min
Delta R.T.: 0.000 min
Response: 216599418
Conc: 21.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
CC-1MSD

Manual Integrations
APPROVED

mohammad
4/10/2020 11:46:51 AM



#28 Decachlorobiphenyl

R.T.: 8.980 min
Delta R.T.: -0.001 min
Response: 56608548
Conc: 25.34 ng/ml