

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020720\
 Data File : PL056402.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Feb 2020 23:00
 Operator : AJ\MA
 Sample : L1431-07MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 06MSD

Manual Integrations
 APPROVED

mohammad
 2/11/2020 11:06:39 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 07 23:32:17 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012820.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 28 13:10:37 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	4.017	191.9E6	61411901	18.319	21.002
28)	SA Decachlor...	8.253	9.096	174.0E6	41795777	16.526	18.478
Target Compounds							
2)	A alpha-BHC	3.936	4.407	788.6E6	225.4E6	44.253	51.504
3)	MA gamma-BHC...	4.220	4.690	729.1E6	211.3E6	44.530	51.536m
4)	MA Heptachlor	4.523	5.200	760.7E6	194.7E6	47.383	54.422
5)	MB Aldrin	4.771	5.505	731.4E6	181.1E6	44.959	51.534
6)	B beta-BHC	4.471	4.864	291.3E6	81750764	44.223	49.865
7)	B delta-BHC	4.676	5.082	712.5E6	166.5E6	44.444	51.925
8)	B Heptachlor...	5.214	5.893	692.2E6	157.1E6	45.007	50.487
9)	A Endosulfan I	5.554	6.250	599.7E6	153.4E6	41.327	51.243
10)	B gamma-Chl...	5.441	6.128	709.3E6	165.3E6	45.229	51.985
11)	B alpha-Chl...	5.499	6.200	691.1E6	164.8E6	44.924	52.001
12)	B 4,4'-DDE	5.662	6.358	682.2E6	152.8E6	47.066	51.016
13)	MA Dieldrin	5.797	6.509	729.8E6	161.8E6	47.453	52.137
14)	MA Endrin	6.054	6.728	658.1E6	138.1E6	46.832	52.677
15)	B Endosulfa...	6.327	6.938	510.8E6	142.7E6	39.053	53.020 #
16)	A 4,4'-DDD	6.178	6.851	517.9E6	128.7E6	48.179	54.527
17)	MA 4,4'-DDT	6.419	7.150	562.6E6	127.6E6	51.475	55.571
18)	B Endrin al...	6.495	7.062	519.0E6	118.9E6	47.439	52.375
19)	B Endosulfa...	6.709	7.286	522.1E6	130.6E6	42.942	51.595
20)	A Methoxychlor	6.963	7.610	286.7E6	67049992	53.976	54.686
21)	B Endrin ke...	7.200	7.758	634.2E6	140.5E6	48.470	52.695
22)	Mirex	7.390	8.212	307.9E6	91876511	33.320	50.542 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020720\
Data File : PL056402.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Feb 2020 23:00
Operator : AJ\MA
Sample : L1431-07MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

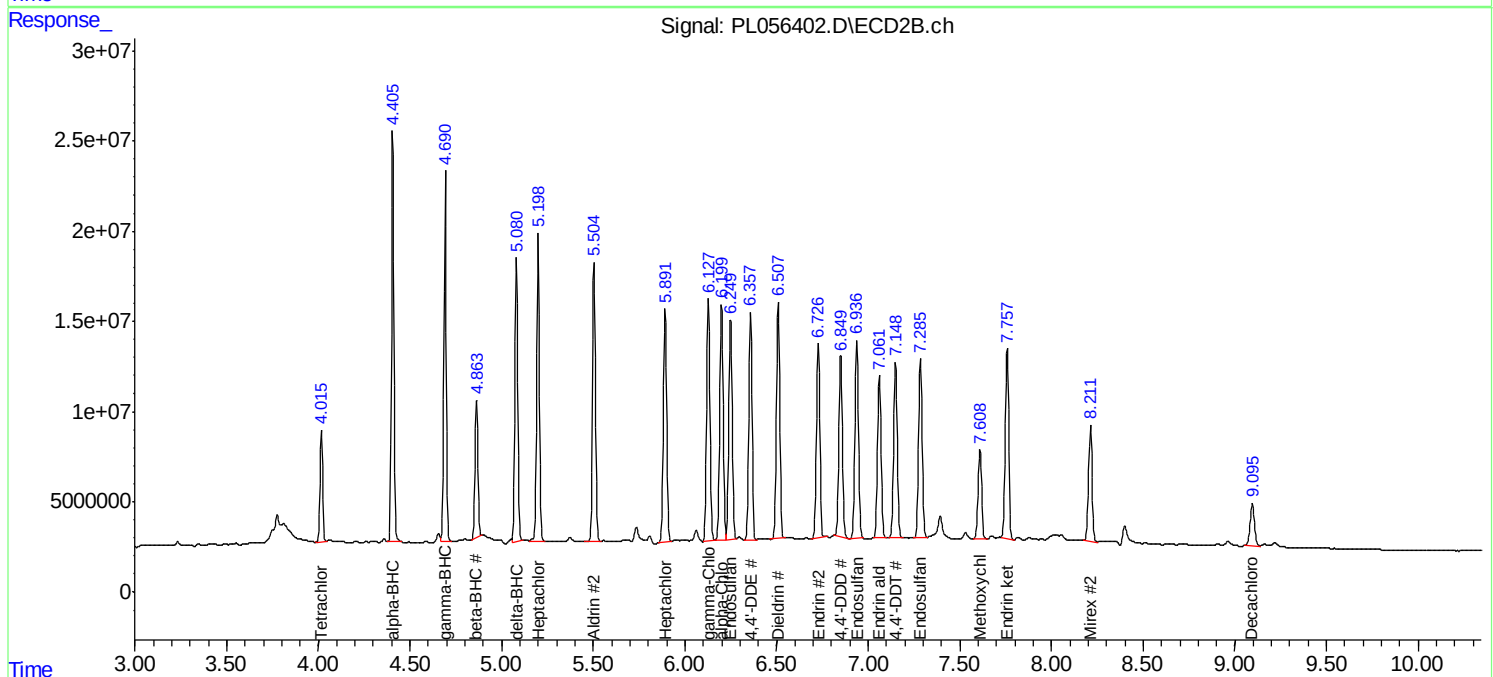
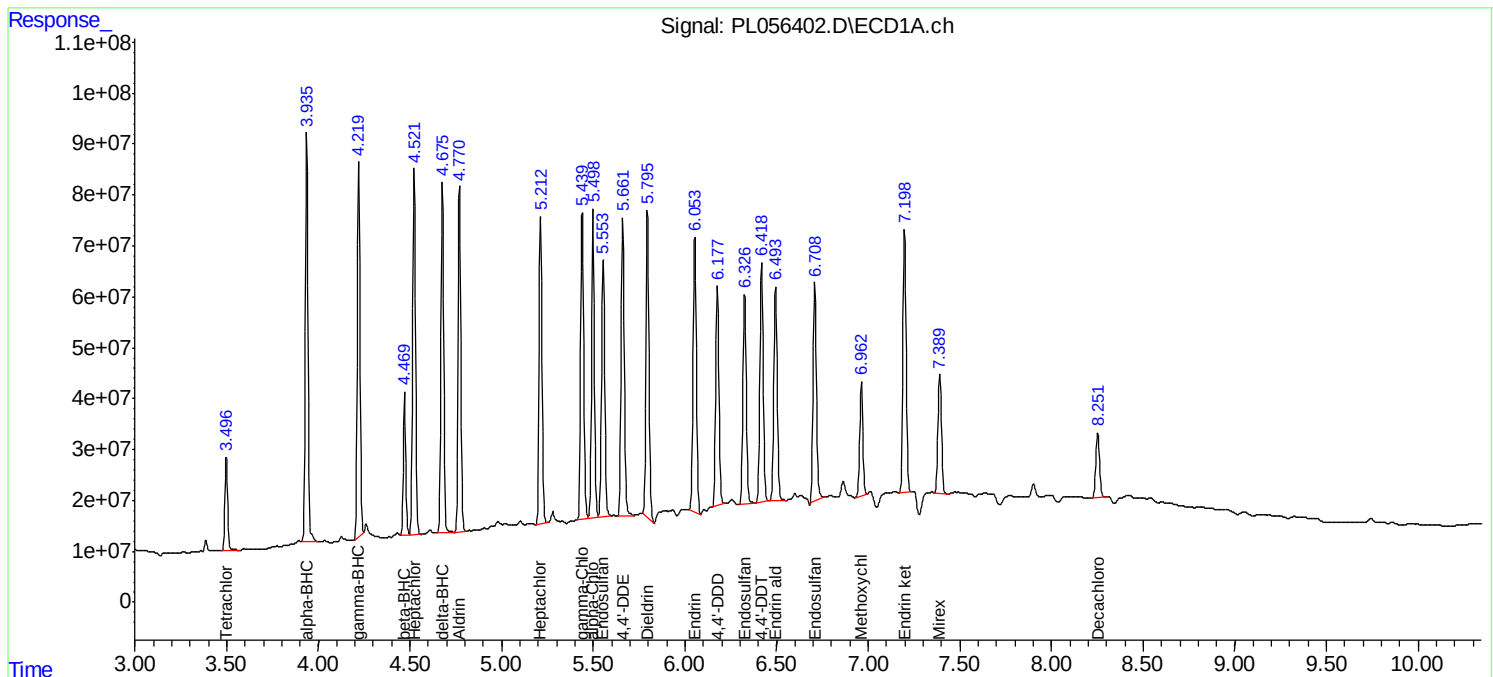
Instrument :
ECD_L
ClientSampled :
06MSD

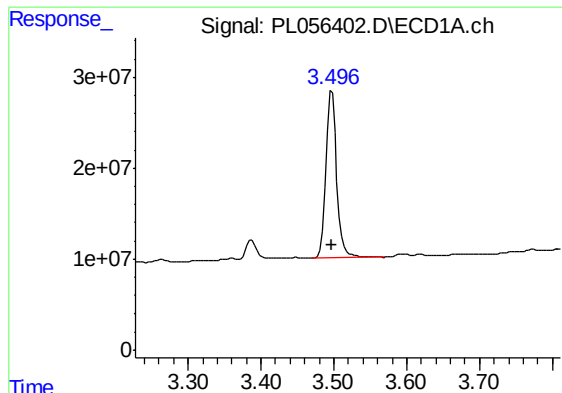
Manual Integrations
APPROVED

mohammad
2/11/2020 11:06:39 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 07 23:32:17 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012820.M
Quant Title : GC Extractables
QLast Update : Tue Jan 28 13:10:37 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





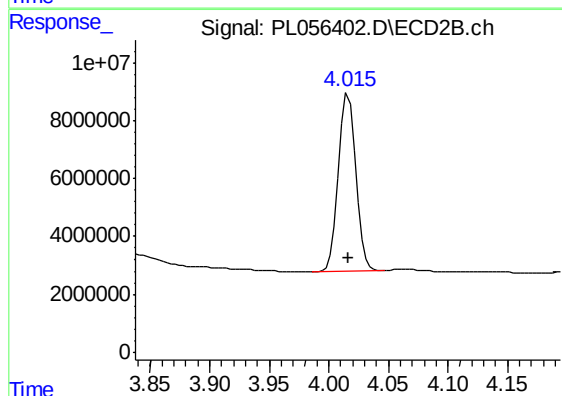
#1 Tetrachloro-m-xylene

R.T.: 3.497 min
Delta R.T.: 0.000 min
Response: 191850357
Conc: 18.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
06MSD

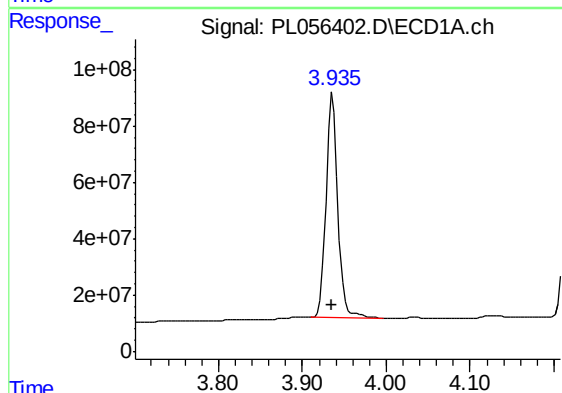
Manual Integrations
APPROVED

mohammad
2/11/2020 11:06:39 AM



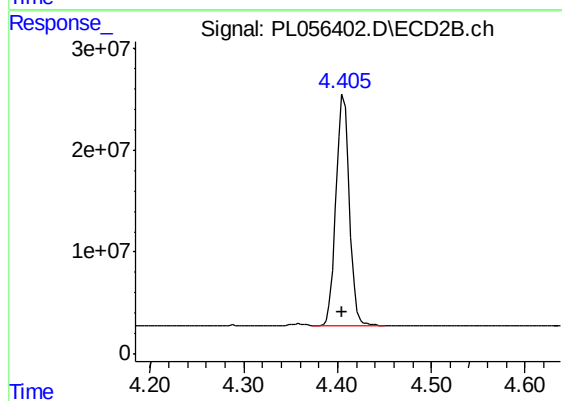
#1 Tetrachloro-m-xylene

R.T.: 4.017 min
Delta R.T.: 0.000 min
Response: 61411901
Conc: 21.00 ng/ml



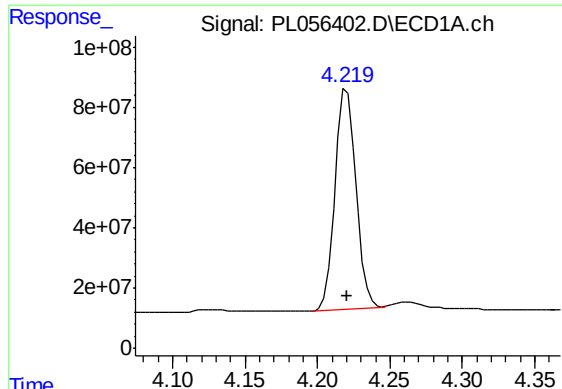
#2 alpha-BHC

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 788599027
Conc: 44.25 ng/ml



#2 alpha-BHC

R.T.: 4.407 min
Delta R.T.: 0.001 min
Response: 225444228
Conc: 51.50 ng/ml



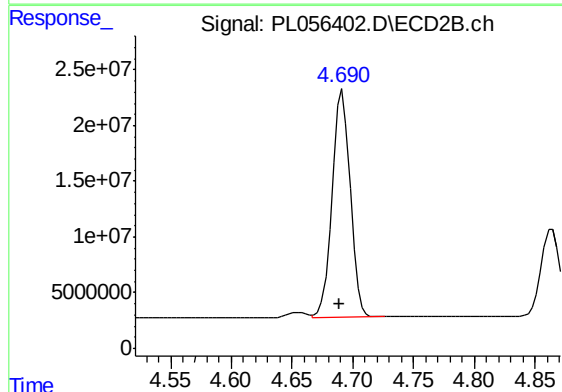
#3 gamma-BHC (Lindane)

R.T.: 4.220 min
Delta R.T.: 0.000 min
Response: 729127051
Conc: 44.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
06MSD

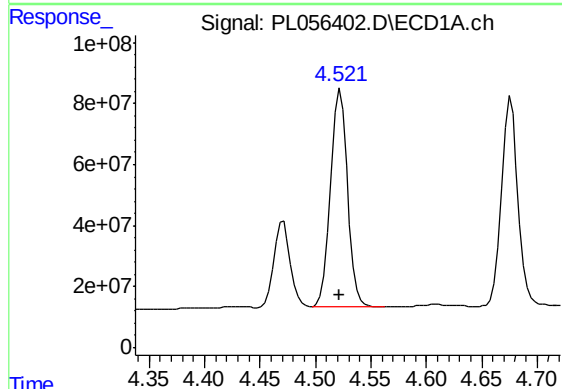
Manual Integrations
APPROVED

mohammad
2/11/2020 11:06:39 AM



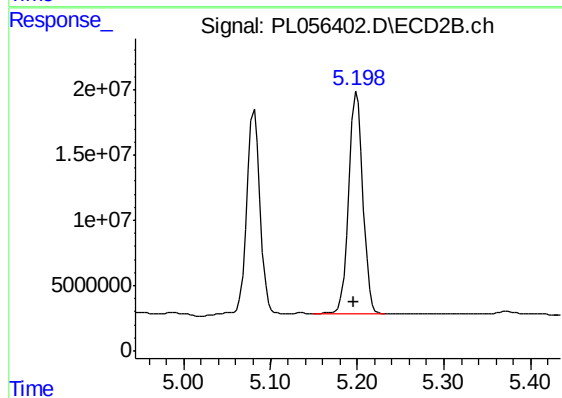
#3 gamma-BHC (Lindane)

R.T.: 4.690 min
Delta R.T.: 0.000 min
Response: 211337570
Conc: 51.54 ng/ml m



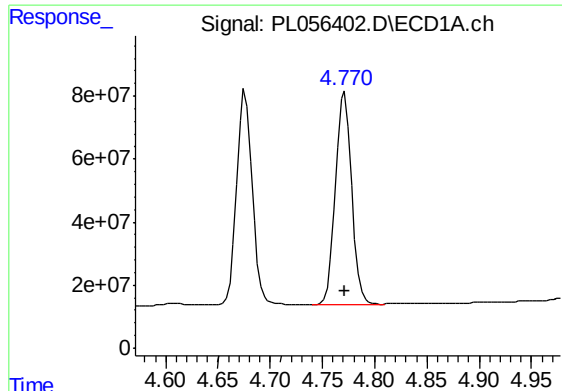
#4 Heptachlor

R.T.: 4.523 min
Delta R.T.: 0.000 min
Response: 760725096
Conc: 47.38 ng/ml



#4 Heptachlor

R.T.: 5.200 min
Delta R.T.: 0.003 min
Response: 194707033
Conc: 54.42 ng/ml



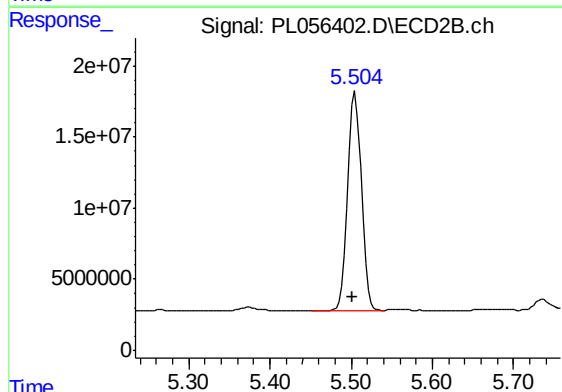
#5 Aldrin

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 731370490
Conc: 44.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
06MSD

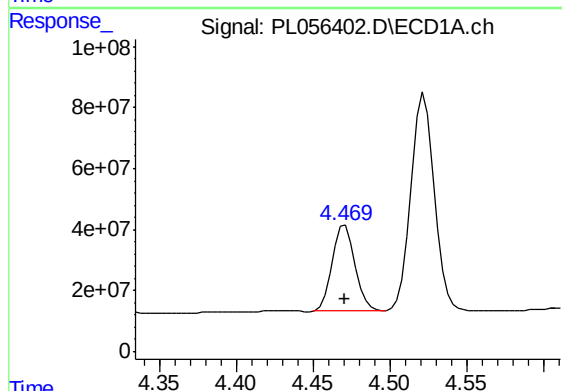
Manual Integrations
APPROVED

mohammad
2/11/2020 11:06:39 AM



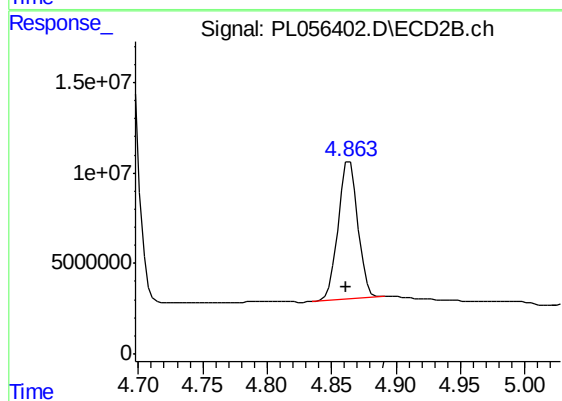
#5 Aldrin

R.T.: 5.505 min
Delta R.T.: 0.004 min
Response: 181121426
Conc: 51.53 ng/ml



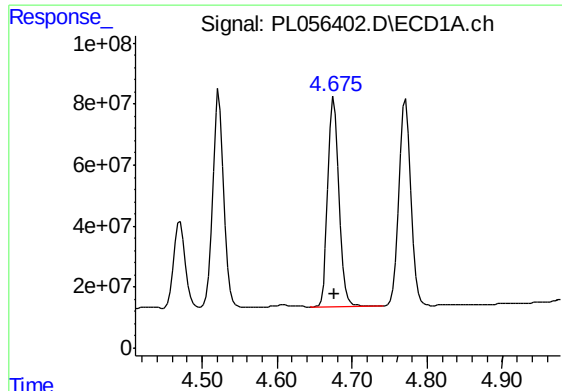
#6 beta-BHC

R.T.: 4.471 min
Delta R.T.: 0.000 min
Response: 291287416
Conc: 44.22 ng/ml



#6 beta-BHC

R.T.: 4.864 min
Delta R.T.: 0.003 min
Response: 81750764
Conc: 49.86 ng/ml



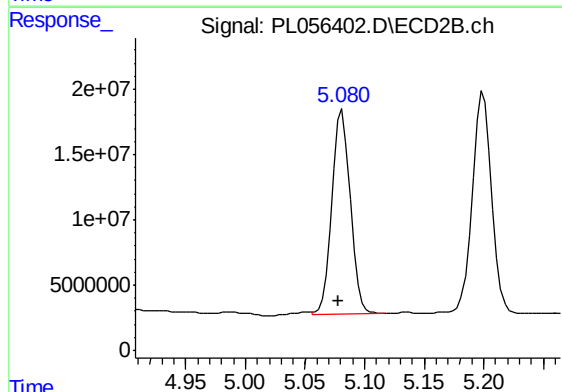
#7 delta-BHC

R.T.: 4.676 min
Delta R.T.: 0.000 min
Response: 712540873
Conc: 44.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
06MSD

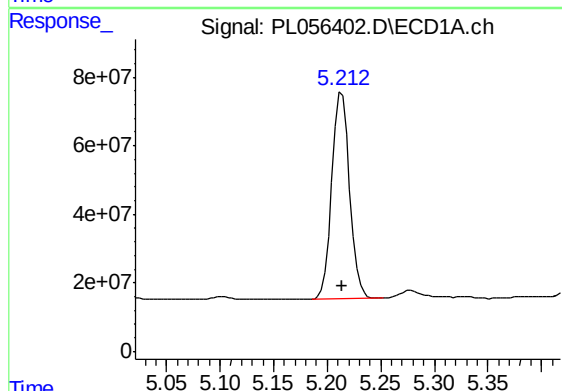
Manual Integrations
APPROVED

mohammad
2/11/2020 11:06:39 AM



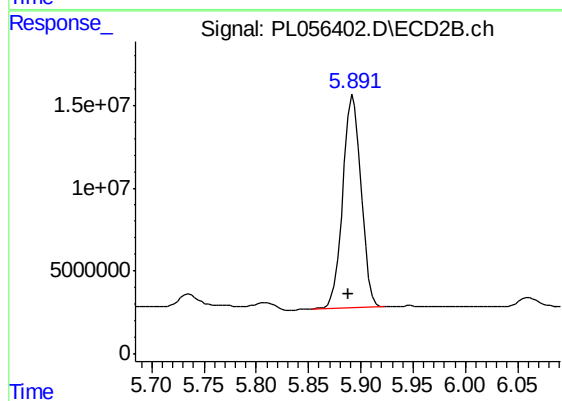
#7 delta-BHC

R.T.: 5.082 min
Delta R.T.: 0.003 min
Response: 166530106
Conc: 51.93 ng/ml



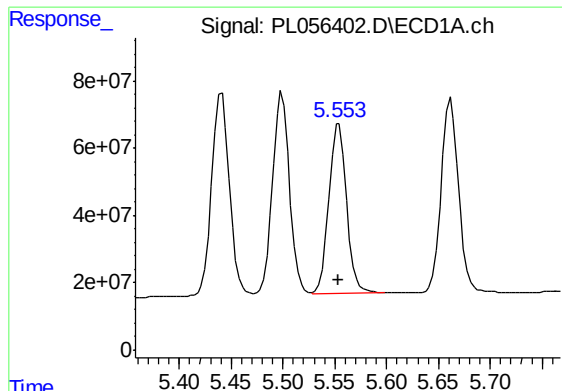
#8 Heptachlor epoxide

R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 692237834
Conc: 45.01 ng/ml



#8 Heptachlor epoxide

R.T.: 5.893 min
Delta R.T.: 0.004 min
Response: 157145197
Conc: 50.49 ng/ml



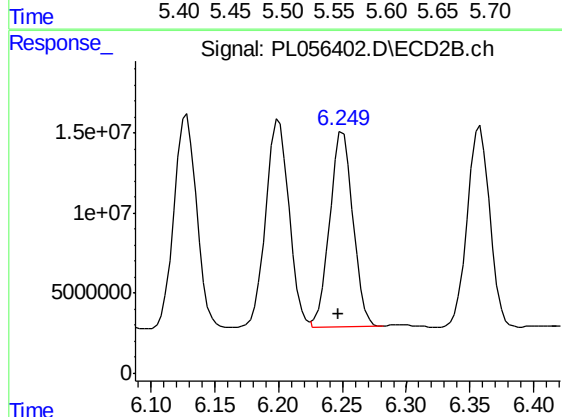
#9 Endosulfan I

R.T.: 5.554 min
Delta R.T.: 0.000 min
Response: 599711720
Conc: 41.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
06MSD

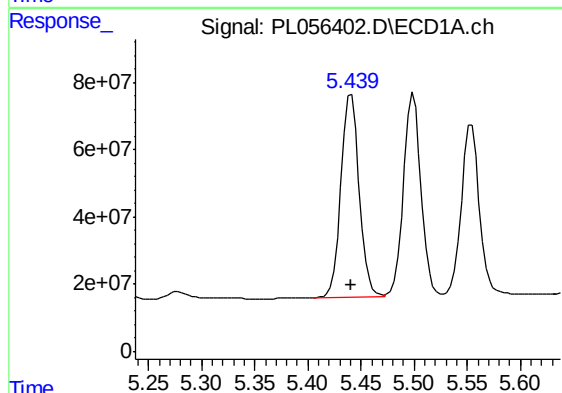
Manual Integrations
APPROVED

mohammad
2/11/2020 11:06:39 AM



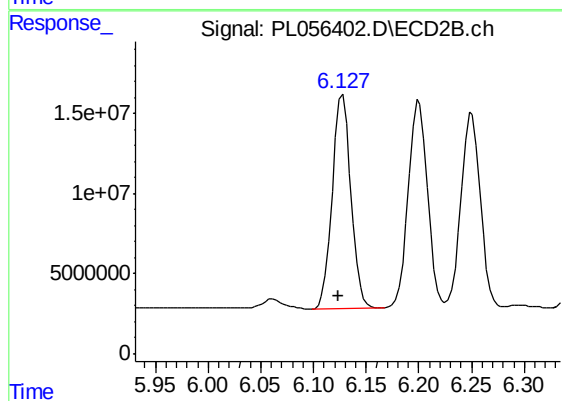
#9 Endosulfan I

R.T.: 6.250 min
Delta R.T.: 0.004 min
Response: 153357151
Conc: 51.24 ng/ml



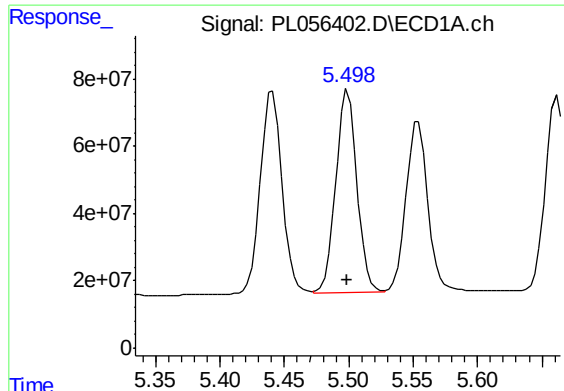
#10 gamma-Chlordane

R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 709318156
Conc: 45.23 ng/ml



#10 gamma-Chlordane

R.T.: 6.128 min
Delta R.T.: 0.004 min
Response: 165320513
Conc: 51.99 ng/ml



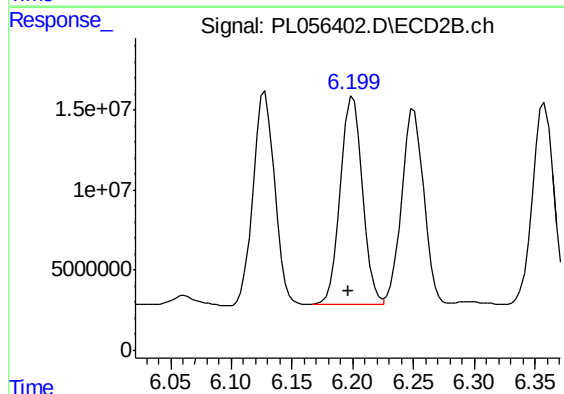
#11 alpha-Chlordane

R.T.: 5.499 min
Delta R.T.: 0.000 min
Response: 691070883
Conc: 44.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
06MSD

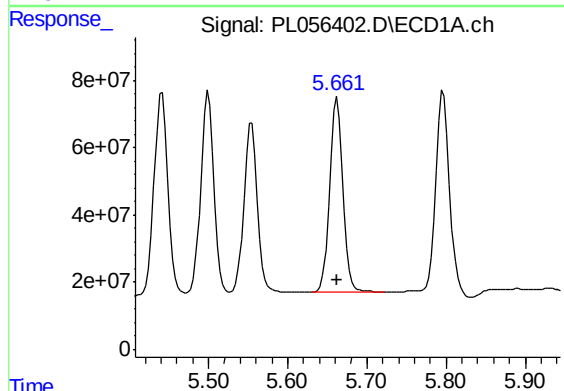
Manual Integrations
APPROVED

mohammad
2/11/2020 11:06:39 AM



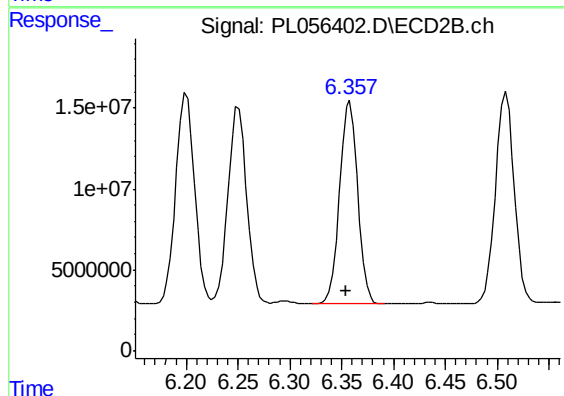
#11 alpha-Chlordane

R.T.: 6.200 min
Delta R.T.: 0.004 min
Response: 164829626
Conc: 52.00 ng/ml



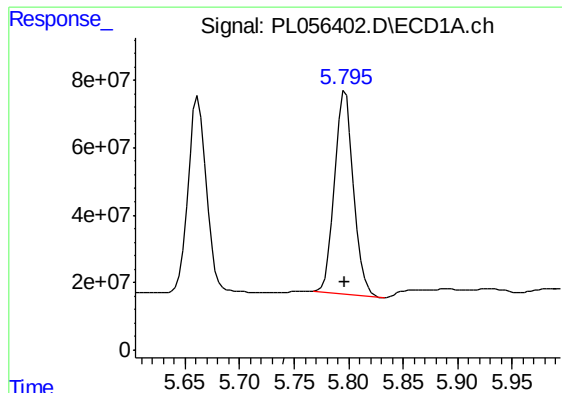
#12 4,4'-DDE

R.T.: 5.662 min
Delta R.T.: 0.000 min
Response: 682150418
Conc: 47.07 ng/ml



#12 4,4'-DDE

R.T.: 6.358 min
Delta R.T.: 0.003 min
Response: 152812617
Conc: 51.02 ng/ml



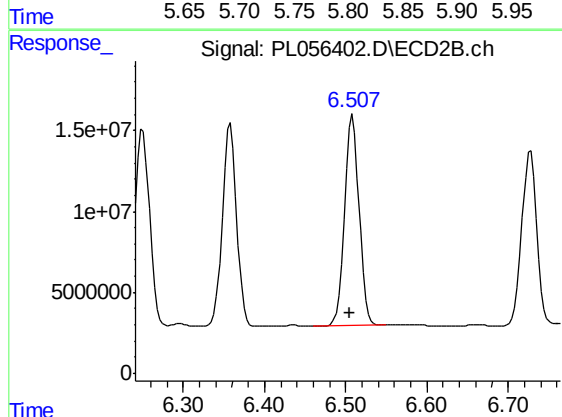
#13 Dieldrin

R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 729811573
Conc: 47.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
06MSD

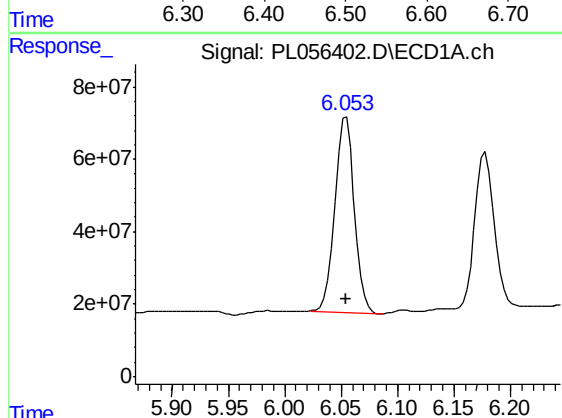
Manual Integrations
APPROVED

mohammad
2/11/2020 11:06:39 AM



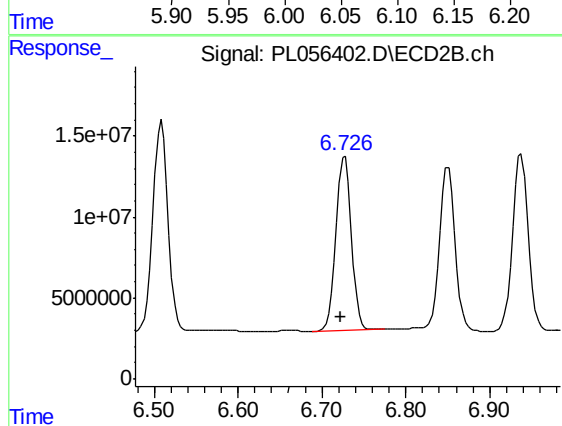
#13 Dieldrin

R.T.: 6.509 min
Delta R.T.: 0.004 min
Response: 161833907
Conc: 52.14 ng/ml



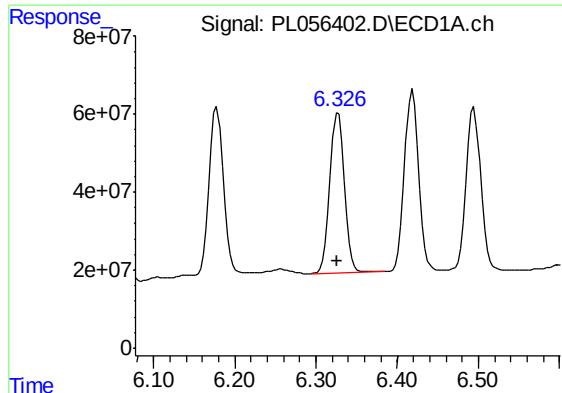
#14 Endrin

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 658072505
Conc: 46.83 ng/ml



#14 Endrin

R.T.: 6.728 min
Delta R.T.: 0.005 min
Response: 138050270
Conc: 52.68 ng/ml



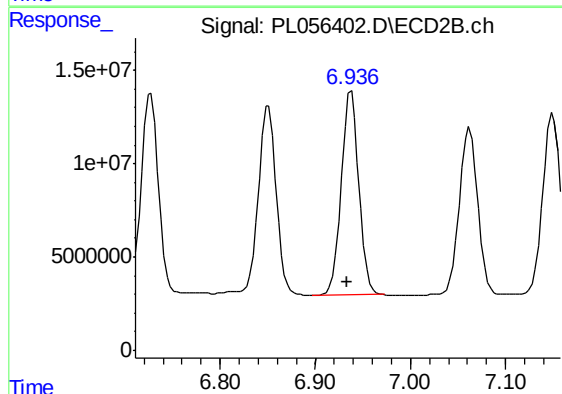
#15 Endosulfan II

R.T.: 6.327 min
Delta R.T.: 0.000 min
Response: 510751090
Conc: 39.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
06MSD

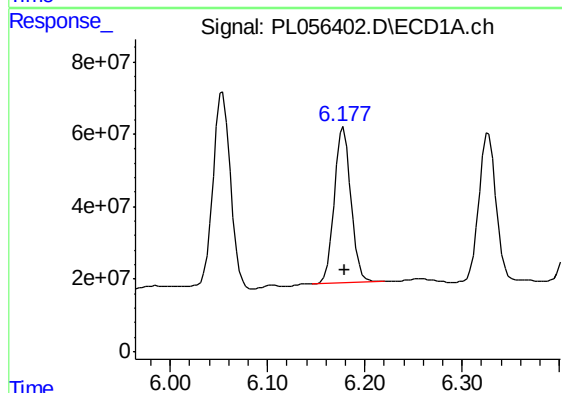
Manual Integrations
APPROVED

mohammad
2/11/2020 11:06:39 AM



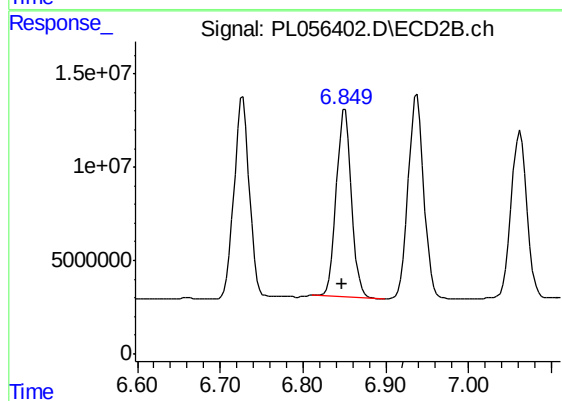
#15 Endosulfan II

R.T.: 6.938 min
Delta R.T.: 0.004 min
Response: 142733516
Conc: 53.02 ng/ml



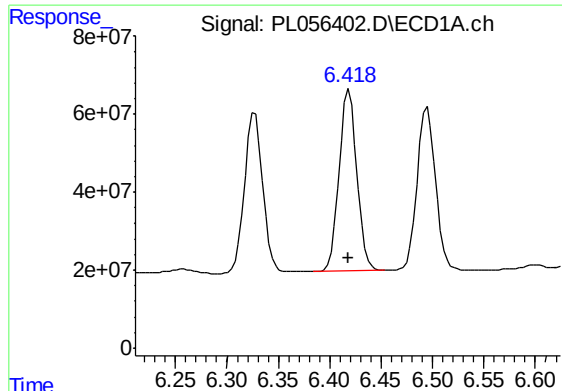
#16 4,4'-DDD

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 517872087
Conc: 48.18 ng/ml



#16 4,4'-DDD

R.T.: 6.851 min
Delta R.T.: 0.004 min
Response: 128652921
Conc: 54.53 ng/ml



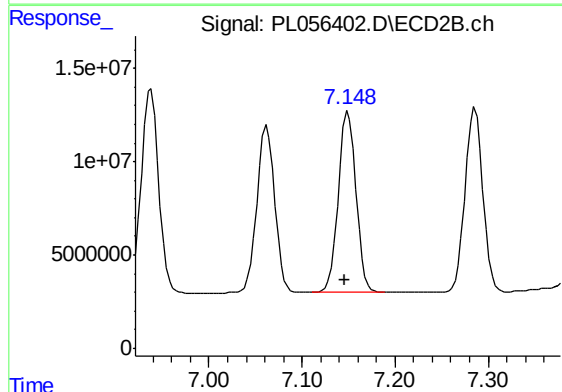
#17 4,4'-DDT

R.T.: 6.419 min
Delta R.T.: 0.000 min
Response: 562563644
Conc: 51.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
06MSD

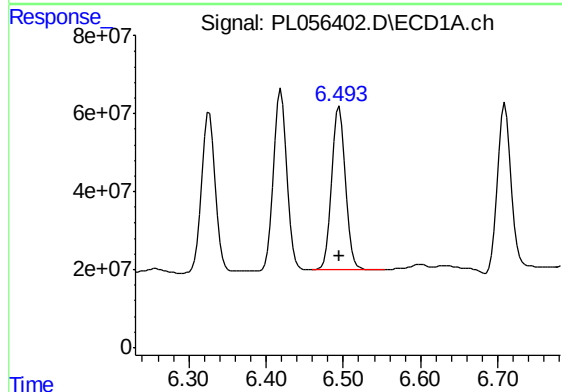
Manual Integrations
APPROVED

mohammad
2/11/2020 11:06:39 AM



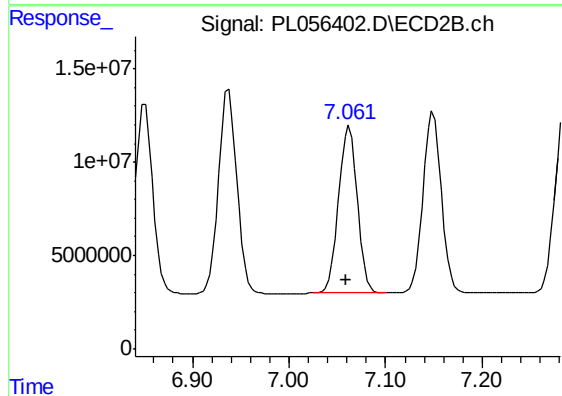
#17 4,4'-DDT

R.T.: 7.150 min
Delta R.T.: 0.004 min
Response: 127577780
Conc: 55.57 ng/ml



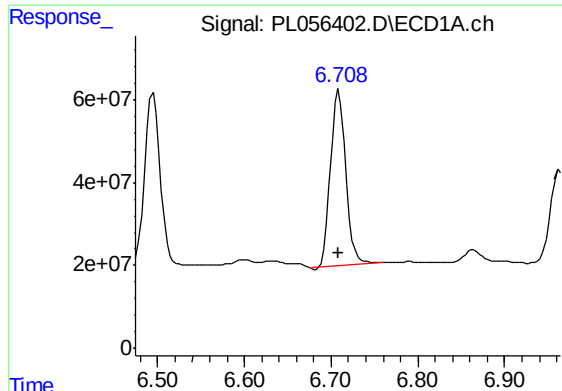
#18 Endrin aldehyde

R.T.: 6.495 min
Delta R.T.: 0.000 min
Response: 519018520
Conc: 47.44 ng/ml



#18 Endrin aldehyde

R.T.: 7.062 min
Delta R.T.: 0.004 min
Response: 118904129
Conc: 52.38 ng/ml



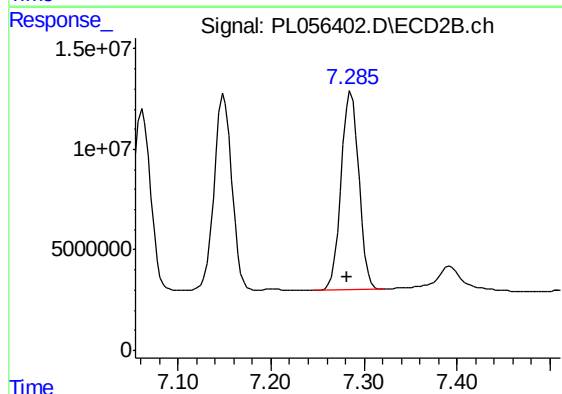
#19 Endosulfan Sulfate

R.T.: 6.709 min
Delta R.T.: 0.001 min
Response: 522080556
Conc: 42.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
06MSD

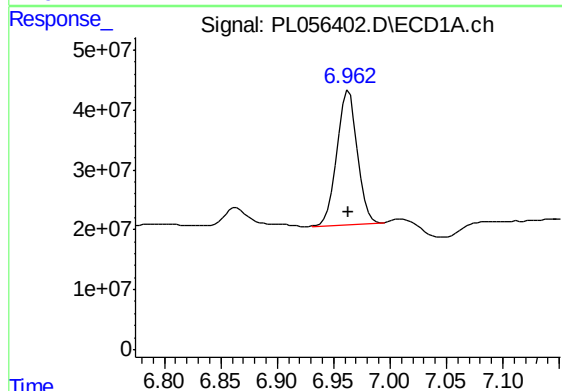
Manual Integrations
APPROVED

mohammad
2/11/2020 11:06:39 AM



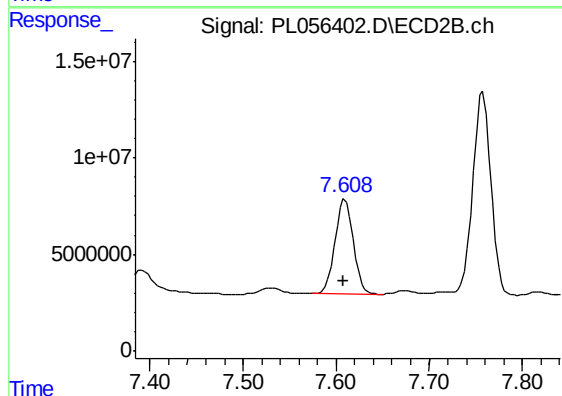
#19 Endosulfan Sulfate

R.T.: 7.286 min
Delta R.T.: 0.004 min
Response: 130575497
Conc: 51.60 ng/ml



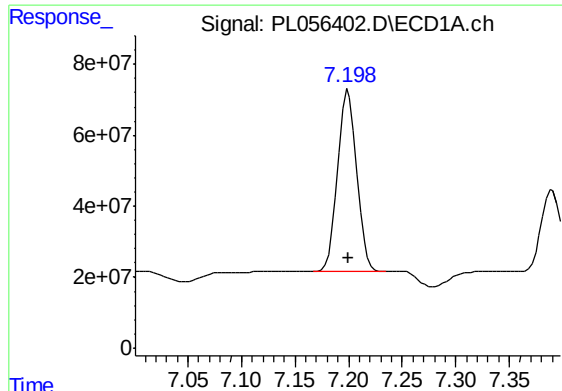
#20 Methoxychlor

R.T.: 6.963 min
Delta R.T.: 0.000 min
Response: 286730250
Conc: 53.98 ng/ml



#20 Methoxychlor

R.T.: 7.610 min
Delta R.T.: 0.003 min
Response: 67049992
Conc: 54.69 ng/ml



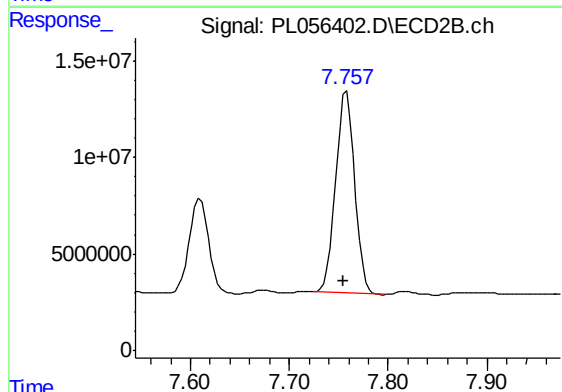
#21 Endrin ketone

R.T.: 7.200 min
Delta R.T.: 0.000 min
Response: 634235722
Conc: 48.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
06MSD

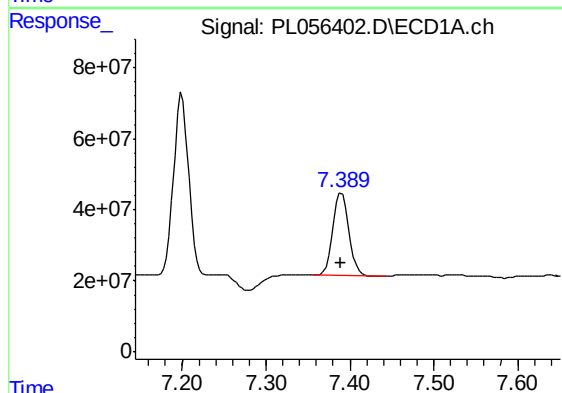
Manual Integrations
APPROVED

mohammad
2/11/2020 11:06:39 AM



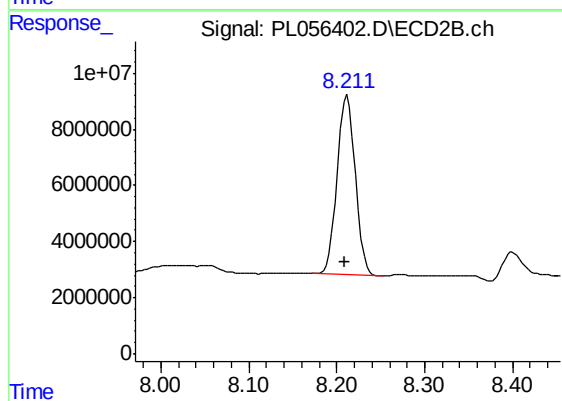
#21 Endrin ketone

R.T.: 7.758 min
Delta R.T.: 0.003 min
Response: 140532514
Conc: 52.70 ng/ml



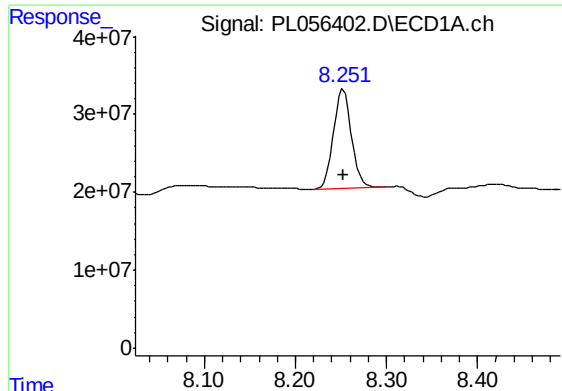
#22 Mirex

R.T.: 7.390 min
Delta R.T.: 0.001 min
Response: 307862641
Conc: 33.32 ng/ml



#22 Mirex

R.T.: 8.212 min
Delta R.T.: 0.002 min
Response: 91876511
Conc: 50.54 ng/ml



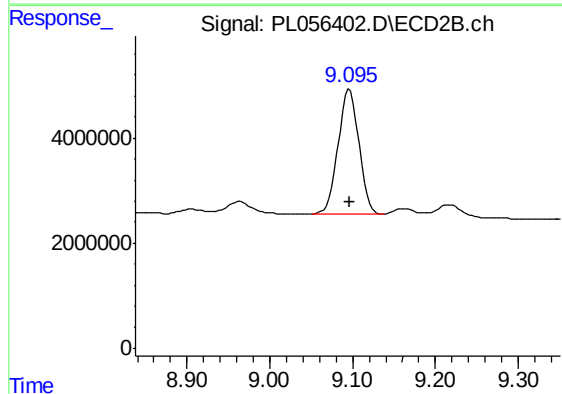
#28 Decachlorobiphenyl

R.T.: 8.253 min
Delta R.T.: 0.000 min
Response: 173990667
Conc: 16.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
06MSD

Manual Integrations
APPROVED

mohammad
2/11/2020 11:06:39 AM



#28 Decachlorobiphenyl

R.T.: 9.096 min
Delta R.T.: 0.000 min
Response: 41795777
Conc: 18.48 ng/ml