

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022520\
 Data File : PL056815.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Feb 2020 14:50
 Operator : AJ\MA
 Sample : PB127064BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB127064BS

Manual Integrations
 APPROVED

mohammad
 2/27/2020 3:07:58 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 26 04:34:15 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...	3.501	4.020	164.3E6	50910980	18.997	20.438
28)	SA Decachlor...	8.254	9.096	166.0E6	34820736	13.953m	16.571
Target Compounds							
2)	A alpha-BHC	3.939	4.409	767.3E6	205.7E6	48.614	54.671
3)	MA gamma-BHC...	4.223	4.695	723.4E6	186.1E6	48.489	54.037
4)	MA Heptachlor	4.525	5.201	693.0E6	149.9E6	47.000	51.231
5)	MB Aldrin	4.774	5.507	682.6E6	156.4E6	45.721	49.965
6)	B beta-BHC	4.473	4.868	294.8E6	81609159	50.868m	62.422
7)	B delta-BHC	4.679	5.085	701.5E6	150.6E6	48.668	49.472
8)	B Heptachlo...	5.217	5.894	684.0E6	147.8E6	48.347	50.543
9)	A Endosulfan I	5.557	6.251	648.3E6	143.4E6	48.499	53.089
10)	B gamma-Chl...	5.444	6.129	703.1E6	149.3E6	48.402	52.052
11)	B alpha-Chl...	5.503	6.201	685.8E6	147.3E6	47.491	51.770
12)	B 4,4'-DDE	5.666	6.360	659.9E6	142.0E6	46.913	51.550
13)	MA Dieldrin	5.799	6.509	719.0E6	152.7E6	48.240m	53.427
14)	MA Endrin	6.058	6.727	643.4E6	124.7E6	47.667	50.612
15)	B Endosulfa...	6.329	6.938	526.7E6	127.8E6	42.411m	49.480
16)	A 4,4'-DDD	6.181	6.852	521.0E6	122.9E6	46.579m	53.364
17)	MA 4,4'-DDT	6.422	7.150	502.6E6	107.0E6	46.148m	51.420
18)	B Endrin al...	6.499	7.062	521.0E6	109.6E6	48.133	52.257
19)	B Endosulfa...	6.712	7.286	570.9E6	126.7E6	48.148m	53.310
20)	A Methoxychlor	6.967	7.610	256.3E6	57061007	48.331	51.559
21)	B Endrin ke...	7.204	7.758	667.0E6	137.6E6	50.029	54.475
22)	Mirex	7.393	8.211	315.5E6	79836391	37.597	47.523 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022520\
 Data File : PL056815.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Feb 2020 14:50
 Operator : AJ\MA
 Sample : PB127064BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

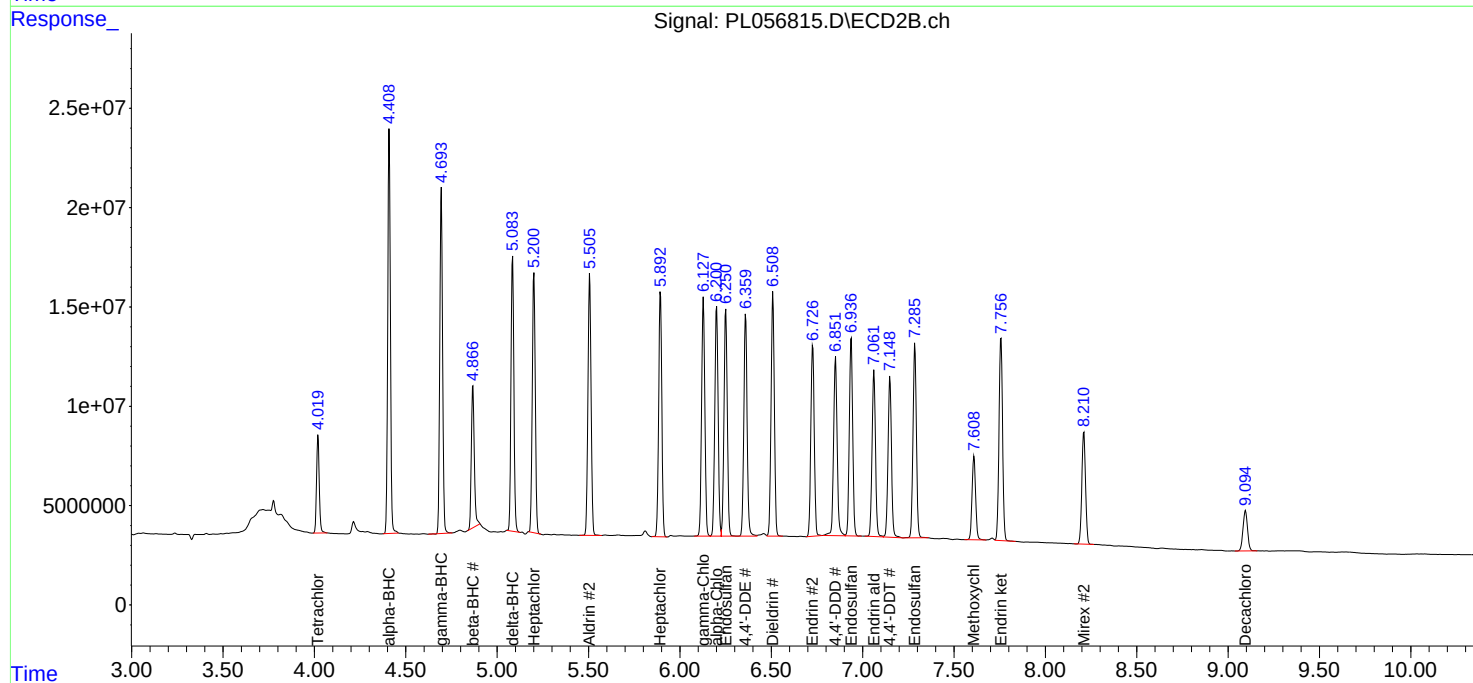
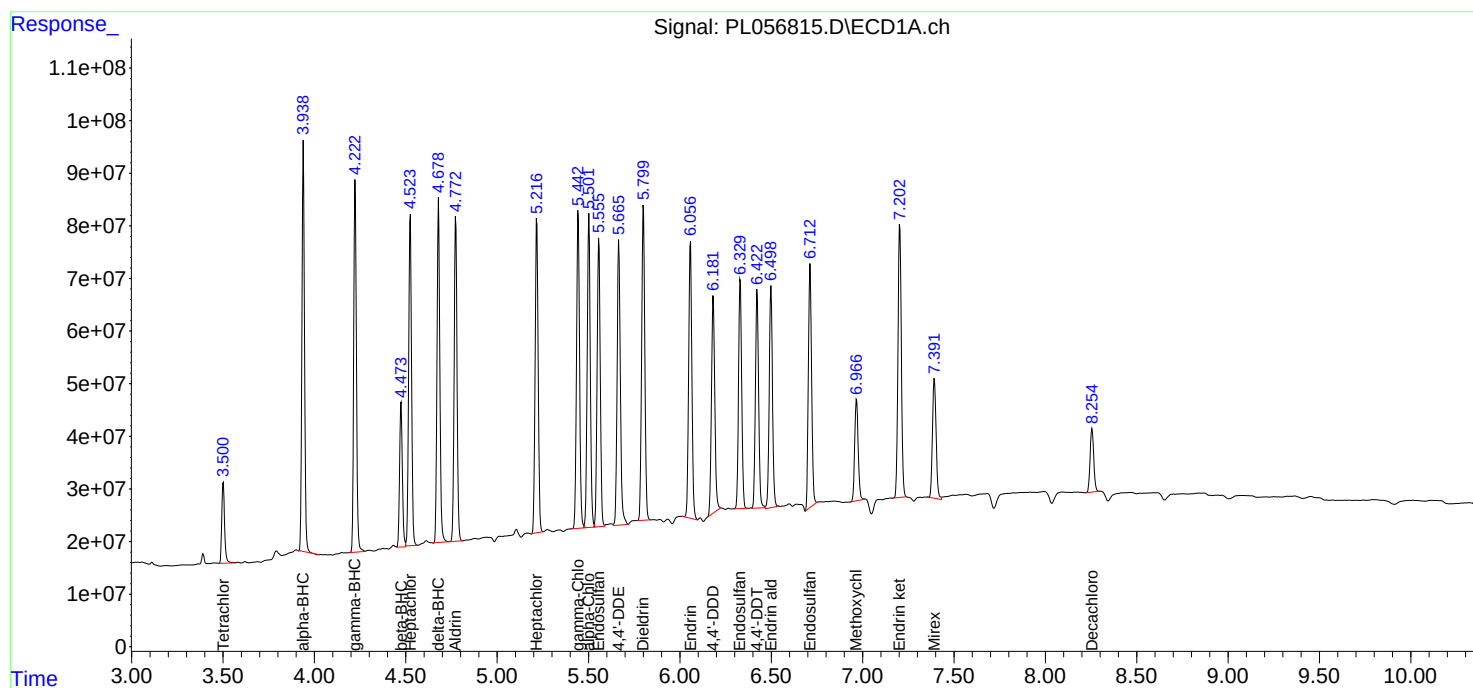
Instrument :
 ECD_L
 ClientSampled :
 PB127064BS

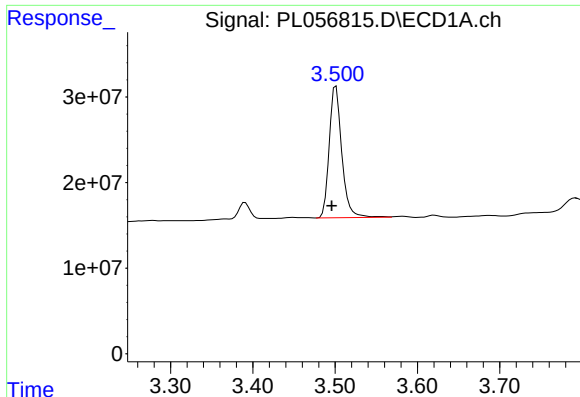
Manual Integrations
 APPROVED

mohammad
 2/27/2020 3:07:58 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 26 04:34:15 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





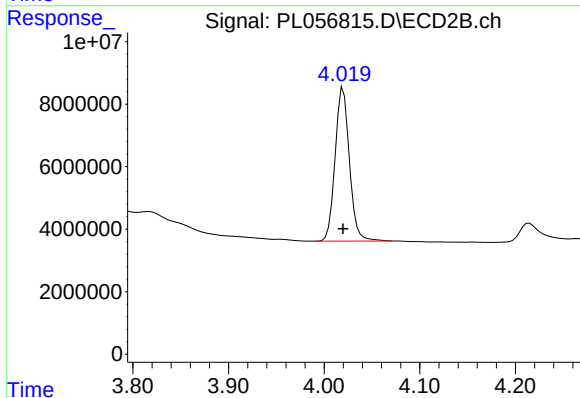
#1 Tetrachloro-m-xylene

R.T.: 3.501 min
Delta R.T.: 0.005 min
Response: 164279469
Conc: 19.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127064BS

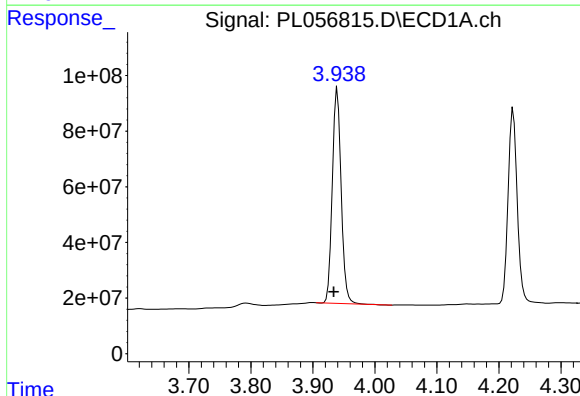
Manual Integrations
APPROVED

mohammad
2/27/2020 3:07:58 PM



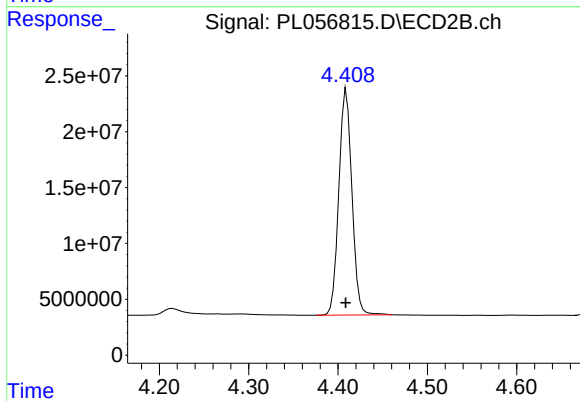
#1 Tetrachloro-m-xylene

R.T.: 4.020 min
Delta R.T.: 0.000 min
Response: 50910980
Conc: 20.44 ng/ml



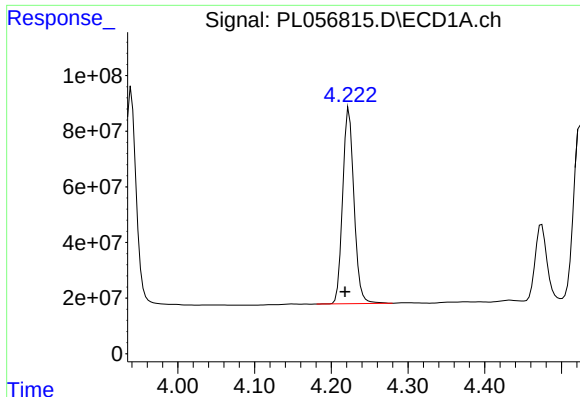
#2 alpha-BHC

R.T.: 3.939 min
Delta R.T.: 0.006 min
Response: 767330129
Conc: 48.61 ng/ml



#2 alpha-BHC

R.T.: 4.409 min
Delta R.T.: 0.000 min
Response: 205668054
Conc: 54.67 ng/ml



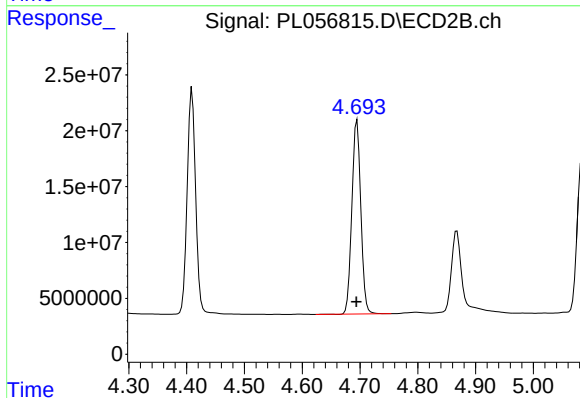
#3 gamma-BHC (Lindane)

R.T.: 4.223 min
Delta R.T.: 0.005 min
Response: 723356682
Conc: 48.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127064BS

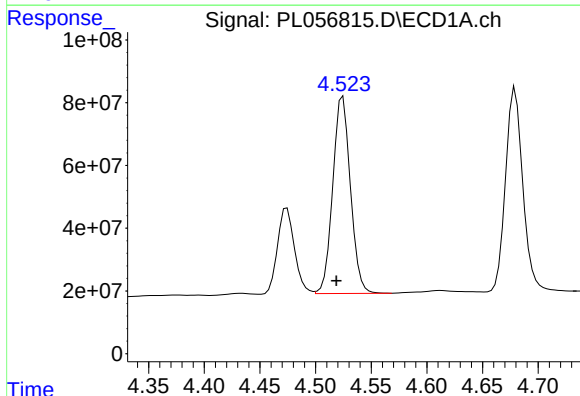
Manual Integrations
APPROVED

mohammad
2/27/2020 3:07:58 PM



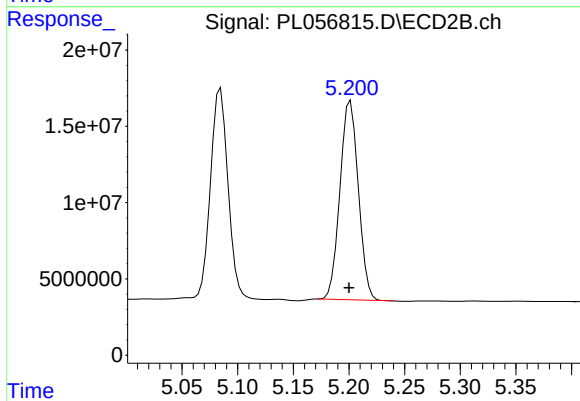
#3 gamma-BHC (Lindane)

R.T.: 4.695 min
Delta R.T.: 0.001 min
Response: 186080314
Conc: 54.04 ng/ml



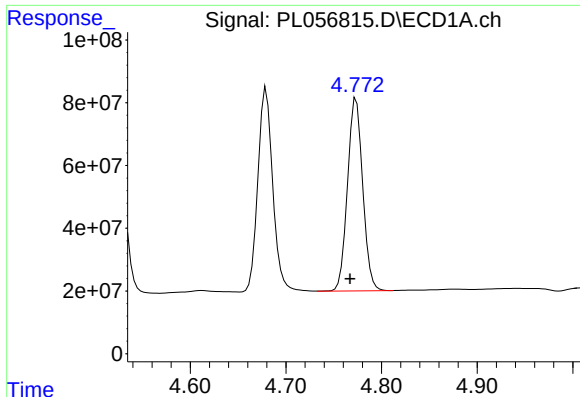
#4 Heptachlor

R.T.: 4.525 min
Delta R.T.: 0.006 min
Response: 693042588
Conc: 47.00 ng/ml



#4 Heptachlor

R.T.: 5.201 min
Delta R.T.: 0.001 min
Response: 149875019
Conc: 51.23 ng/ml



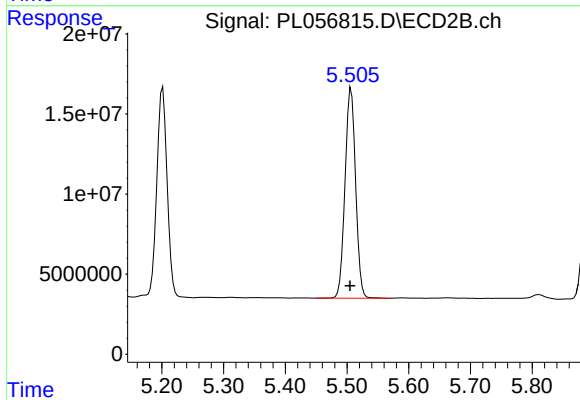
#5 Aldrin

R.T.: 4.774 min
Delta R.T.: 0.007 min
Response: 682576763
Conc: 45.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127064BS

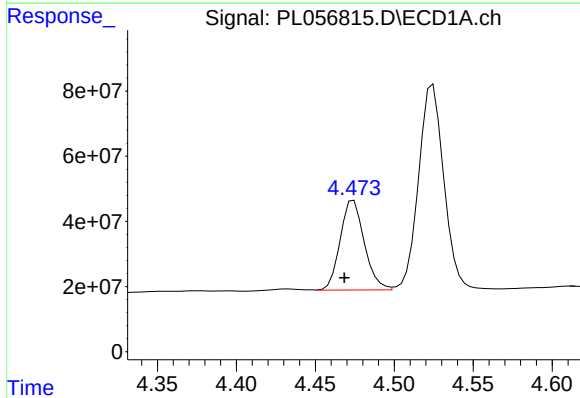
Manual Integrations
APPROVED

mohammad
2/27/2020 3:07:58 PM



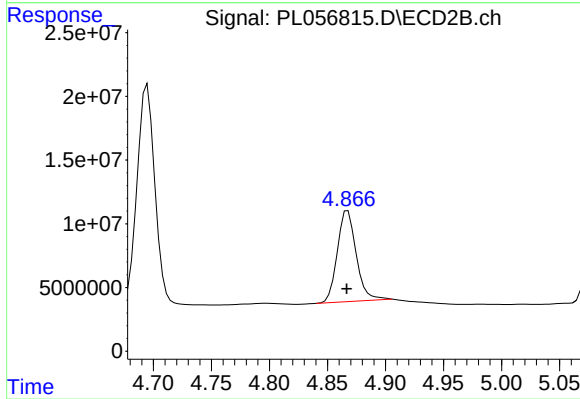
#5 Aldrin

R.T.: 5.507 min
Delta R.T.: 0.002 min
Response: 156377314
Conc: 49.96 ng/ml



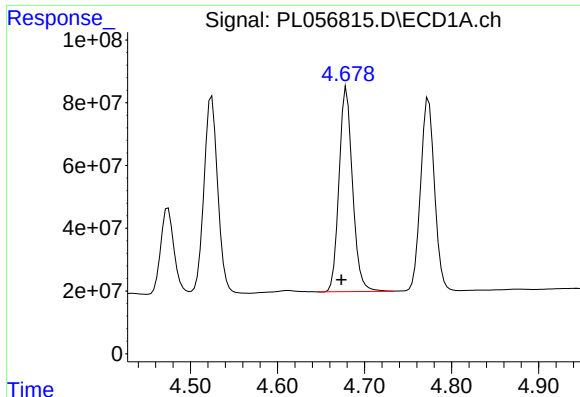
#6 beta-BHC

R.T.: 4.473 min
Delta R.T.: 0.005 min
Response: 294795915
Conc: 50.87 ng/ml m



#6 beta-BHC

R.T.: 4.868 min
Delta R.T.: 0.000 min
Response: 81609159
Conc: 62.42 ng/ml



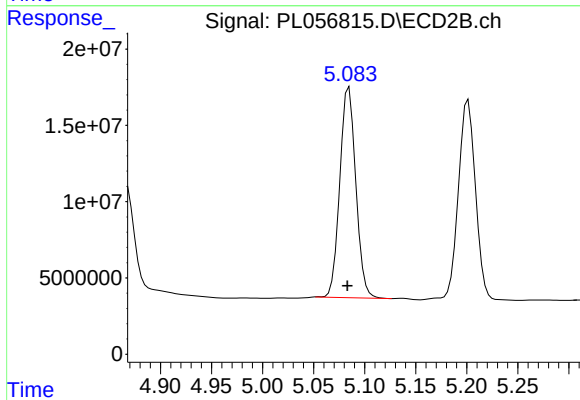
#7 delta-BHC

R.T.: 4.679 min
Delta R.T.: 0.006 min
Response: 701454754
Conc: 48.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127064BS

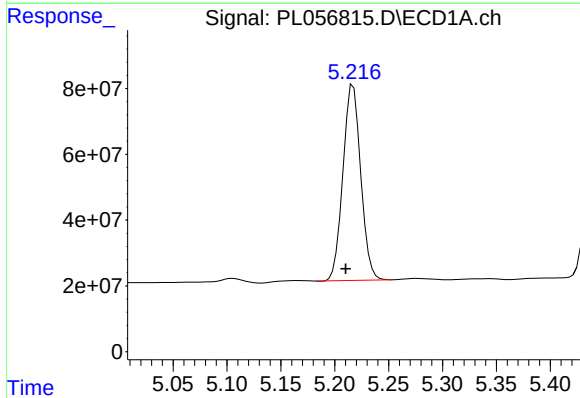
Manual Integrations
APPROVED

mohammad
2/27/2020 3:07:58 PM



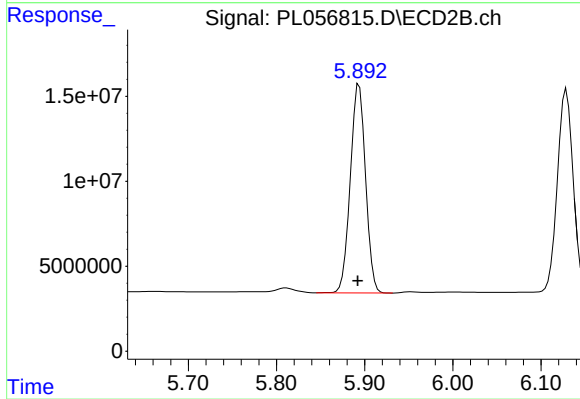
#7 delta-BHC

R.T.: 5.085 min
Delta R.T.: 0.001 min
Response: 150618276
Conc: 49.47 ng/ml



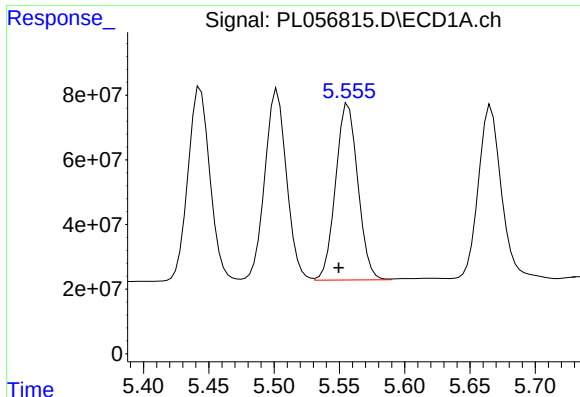
#8 Heptachlor epoxide

R.T.: 5.217 min
Delta R.T.: 0.007 min
Response: 683960040
Conc: 48.35 ng/ml



#8 Heptachlor epoxide

R.T.: 5.894 min
Delta R.T.: 0.001 min
Response: 147776680
Conc: 50.54 ng/ml



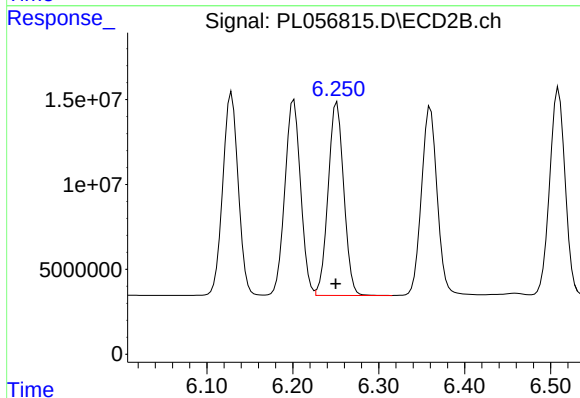
#9 Endosulfan I

R.T.: 5.557 min
Delta R.T.: 0.007 min
Response: 648346751
Conc: 48.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127064BS

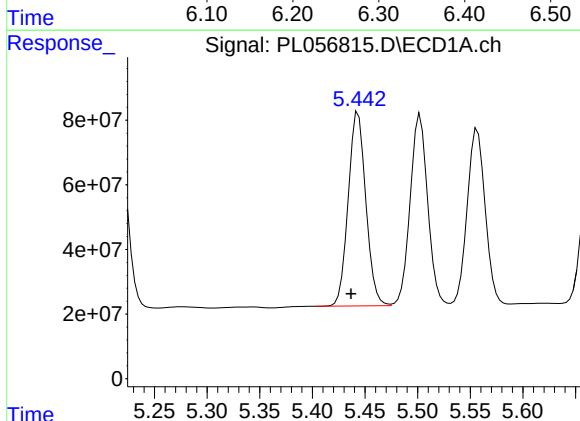
Manual Integrations
APPROVED

mohammad
2/27/2020 3:07:58 PM



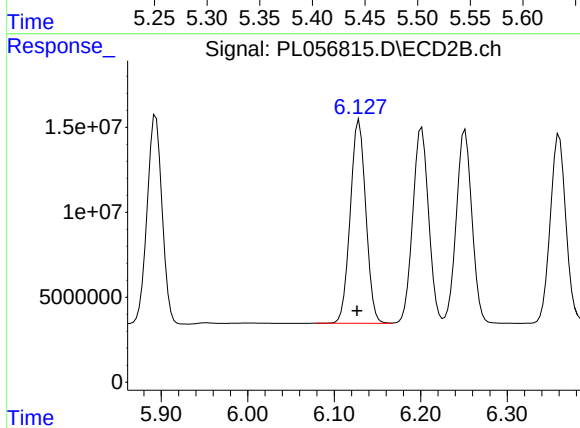
#9 Endosulfan I

R.T.: 6.251 min
Delta R.T.: 0.001 min
Response: 143426487
Conc: 53.09 ng/ml



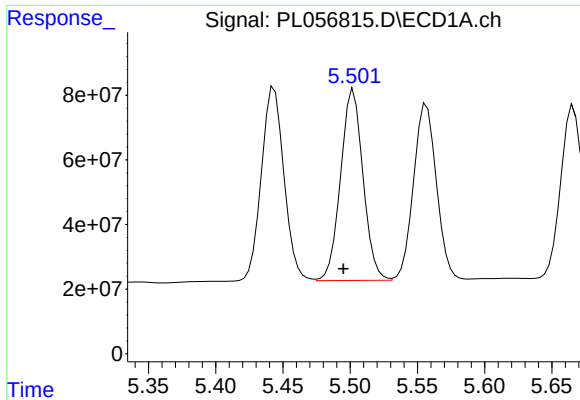
#10 gamma-Chlordane

R.T.: 5.444 min
Delta R.T.: 0.007 min
Response: 703086503
Conc: 48.40 ng/ml



#10 gamma-Chlordane

R.T.: 6.129 min
Delta R.T.: 0.002 min
Response: 149292837
Conc: 52.05 ng/ml



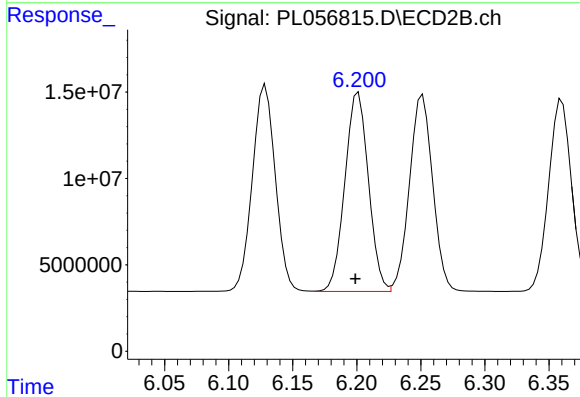
#11 alpha-Chlordane

R.T.: 5.503 min
Delta R.T.: 0.008 min
Response: 685779052
Conc: 47.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127064BS

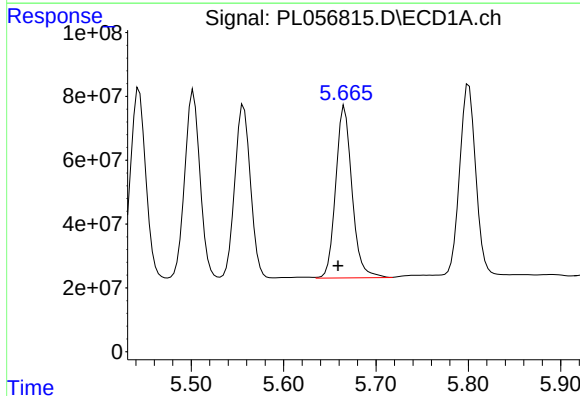
Manual Integrations
APPROVED

mohammad
2/27/2020 3:07:58 PM



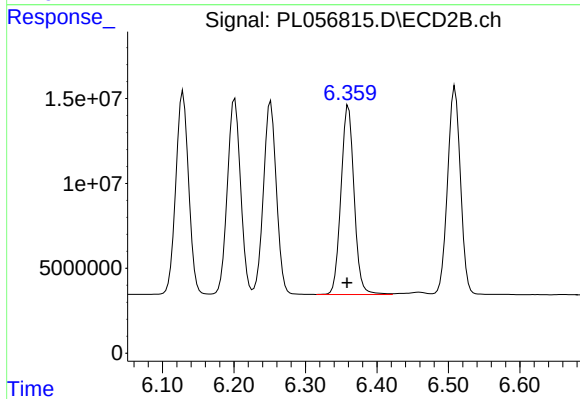
#11 alpha-Chlordane

R.T.: 6.201 min
Delta R.T.: 0.002 min
Response: 147308911
Conc: 51.77 ng/ml



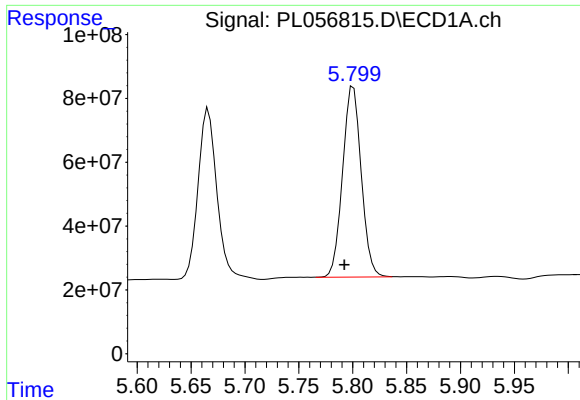
#12 4,4'-DDE

R.T.: 5.666 min
Delta R.T.: 0.007 min
Response: 659879453
Conc: 46.91 ng/ml



#12 4,4'-DDE

R.T.: 6.360 min
Delta R.T.: 0.002 min
Response: 141958832
Conc: 51.55 ng/ml



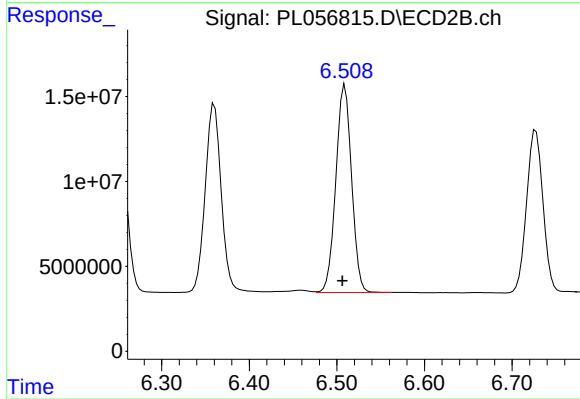
#13 Dieldrin

R.T.: 5.799 min
Delta R.T.: 0.007 min
Response: 719022198
Conc: 48.24 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PB127064BS

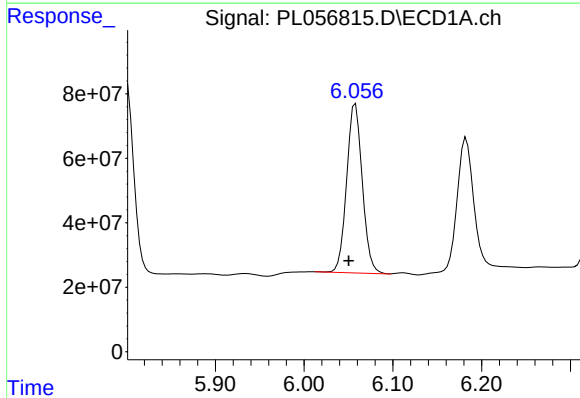
Manual Integrations
APPROVED

mohammad
2/27/2020 3:07:58 PM



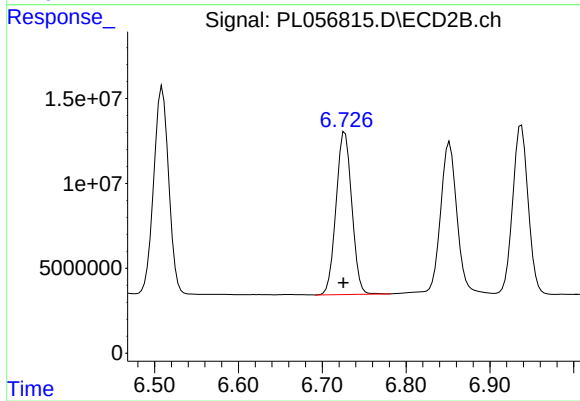
#13 Dieldrin

R.T.: 6.509 min
Delta R.T.: 0.003 min
Response: 152721450
Conc: 53.43 ng/ml



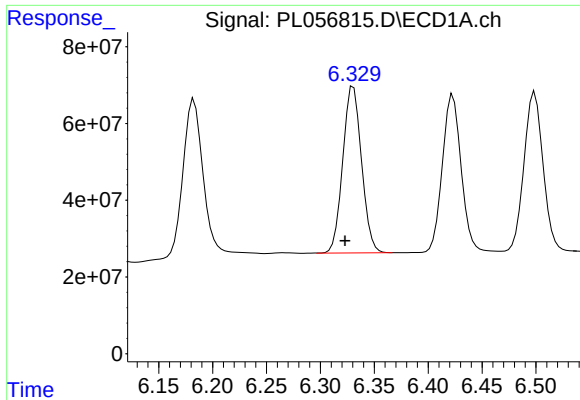
#14 Endrin

R.T.: 6.058 min
Delta R.T.: 0.008 min
Response: 643371602
Conc: 47.67 ng/ml



#14 Endrin

R.T.: 6.727 min
Delta R.T.: 0.002 min
Response: 124679820
Conc: 50.61 ng/ml



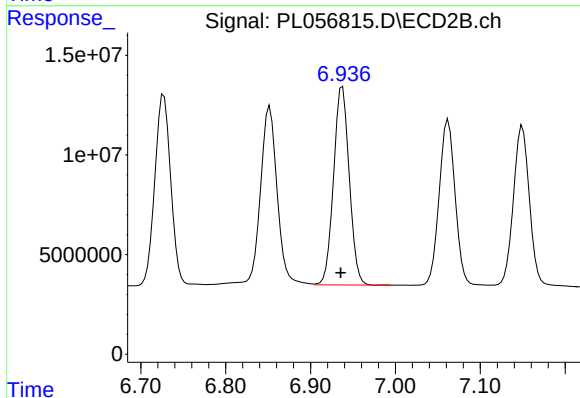
#15 Endosulfan II

R.T.: 6.329 min
Delta R.T.: 0.006 min
Response: 526717915
Conc: 42.41 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PB127064BS

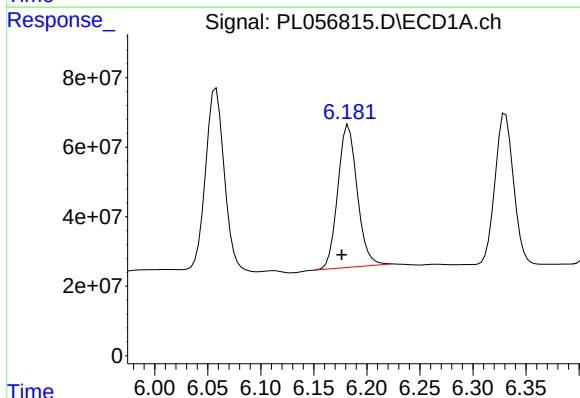
Manual Integrations
APPROVED

mohammad
2/27/2020 3:07:58 PM



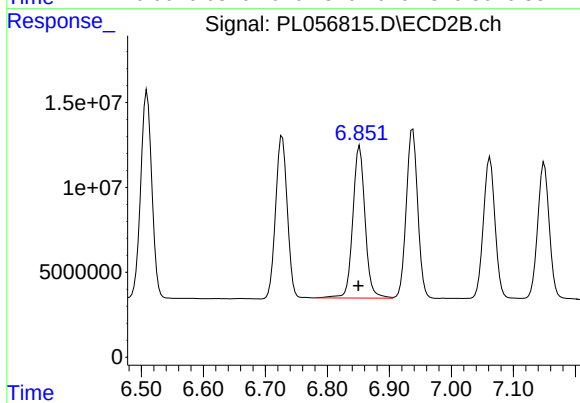
#15 Endosulfan II

R.T.: 6.938 min
Delta R.T.: 0.002 min
Response: 127788795
Conc: 49.48 ng/ml



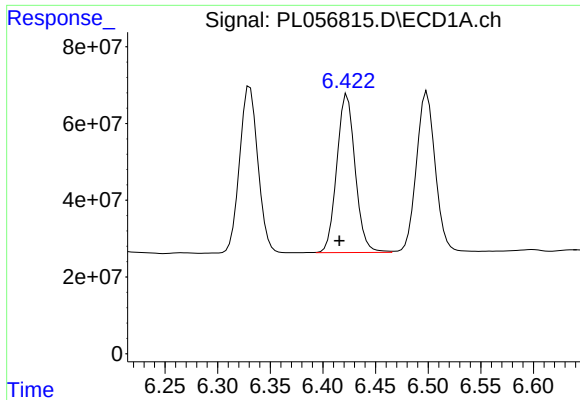
#16 4,4'-DDD

R.T.: 6.181 min
Delta R.T.: 0.005 min
Response: 521004208
Conc: 46.58 ng/ml m



#16 4,4'-DDD

R.T.: 6.852 min
Delta R.T.: 0.002 min
Response: 122877475
Conc: 53.36 ng/ml



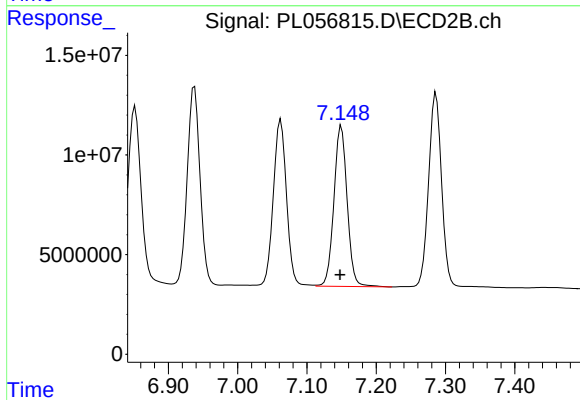
#17 4,4'-DDT

R.T.: 6.422 min
Delta R.T.: 0.006 min
Response: 502576745
Conc: 46.15 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PB127064BS

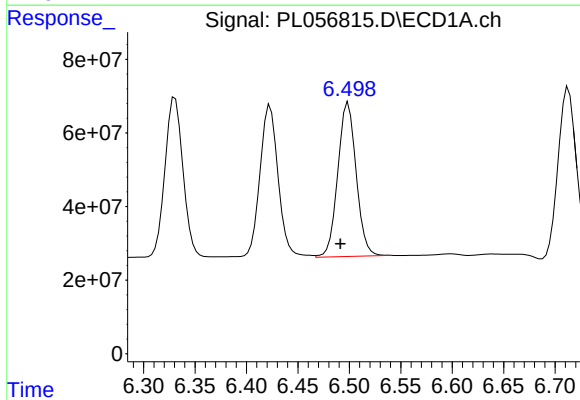
Manual Integrations
APPROVED

mohammad
2/27/2020 3:07:58 PM



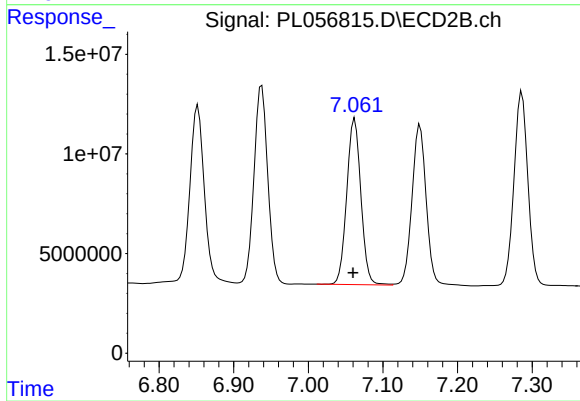
#17 4,4'-DDT

R.T.: 7.150 min
Delta R.T.: 0.002 min
Response: 106978466
Conc: 51.42 ng/ml



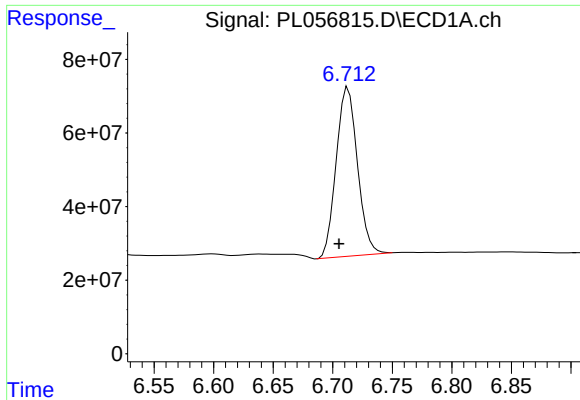
#18 Endrin aldehyde

R.T.: 6.499 min
Delta R.T.: 0.008 min
Response: 521019930
Conc: 48.13 ng/ml



#18 Endrin aldehyde

R.T.: 7.062 min
Delta R.T.: 0.002 min
Response: 109626304
Conc: 52.26 ng/ml



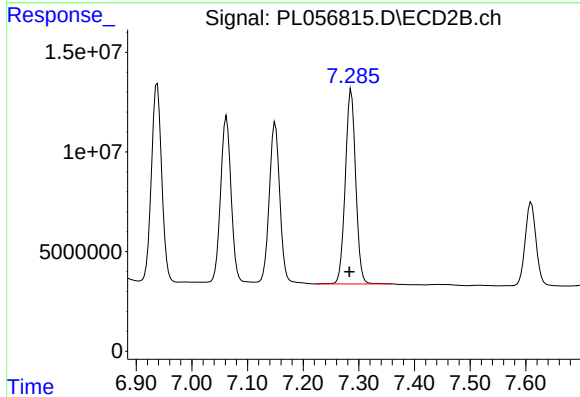
#19 Endosulfan Sulfate

R.T.: 6.712 min
Delta R.T.: 0.006 min
Response: 570885810
Conc: 48.15 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PB127064BS

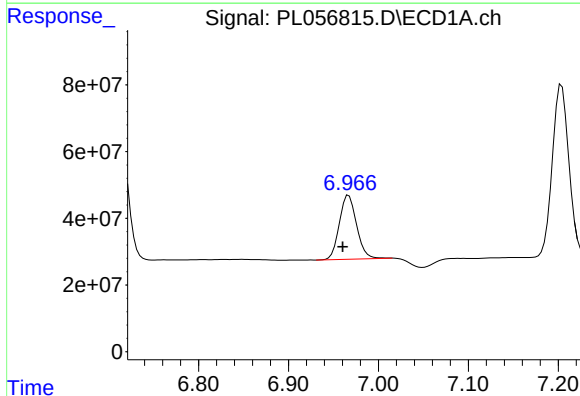
Manual Integrations
APPROVED

mohammad
2/27/2020 3:07:58 PM



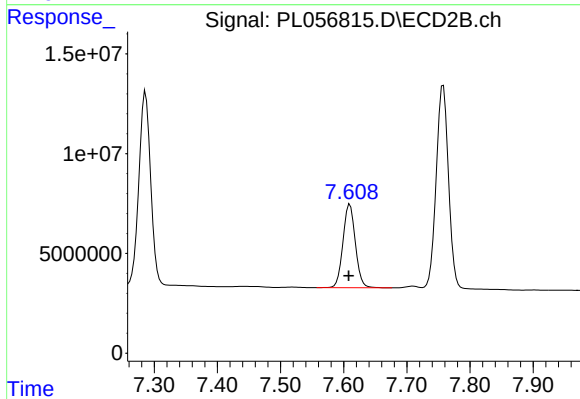
#19 Endosulfan Sulfate

R.T.: 7.286 min
Delta R.T.: 0.003 min
Response: 126691467
Conc: 53.31 ng/ml



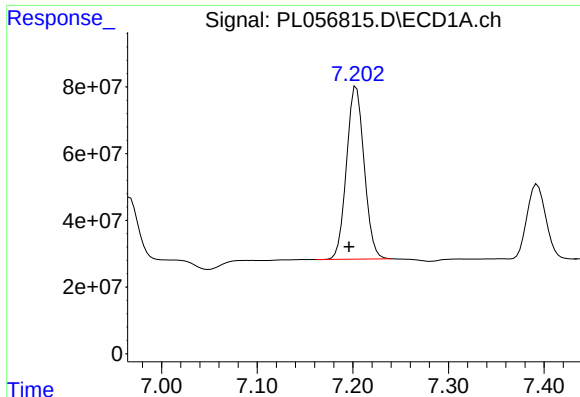
#20 Methoxychlor

R.T.: 6.967 min
Delta R.T.: 0.007 min
Response: 256266385
Conc: 48.33 ng/ml



#20 Methoxychlor

R.T.: 7.610 min
Delta R.T.: 0.002 min
Response: 57061007
Conc: 51.56 ng/ml



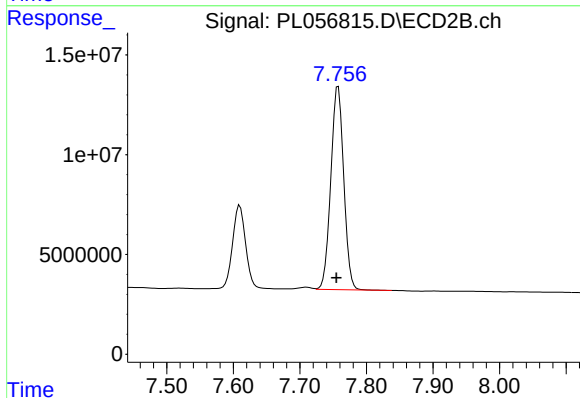
#21 Endrin ketone

R.T.: 7.204 min
Delta R.T.: 0.008 min
Response: 666988817
Conc: 50.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127064BS

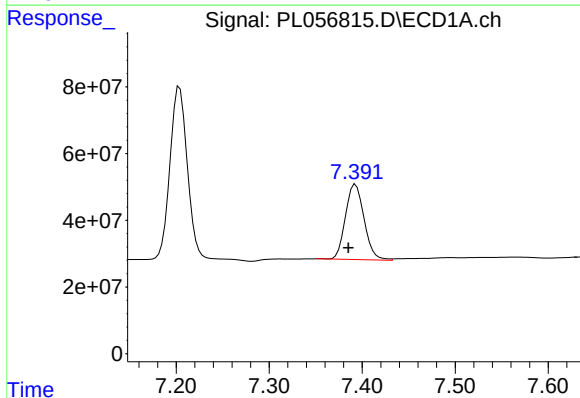
Manual Integrations
APPROVED

mohammad
2/27/2020 3:07:58 PM



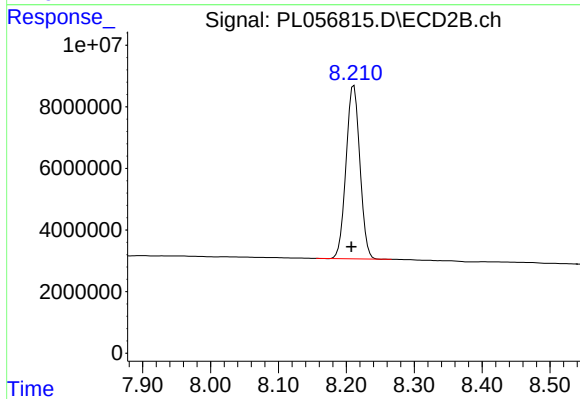
#21 Endrin ketone

R.T.: 7.758 min
Delta R.T.: 0.003 min
Response: 137566583
Conc: 54.47 ng/ml



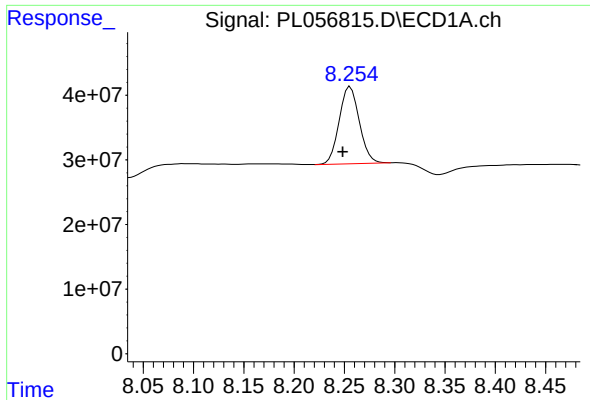
#22 Mirex

R.T.: 7.393 min
Delta R.T.: 0.008 min
Response: 315493905
Conc: 37.60 ng/ml



#22 Mirex

R.T.: 8.211 min
Delta R.T.: 0.004 min
Response: 79836391
Conc: 47.52 ng/ml



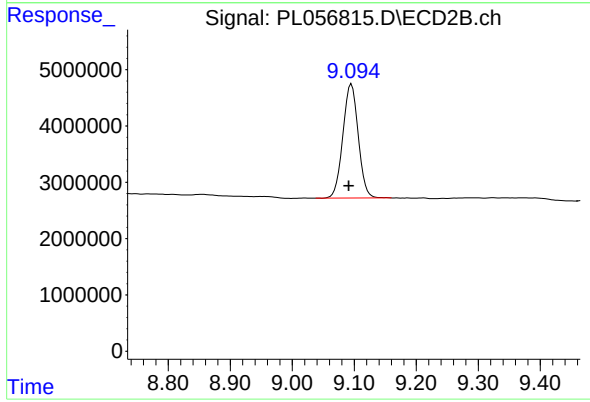
#28 Decachlorobiphenyl

R.T.: 8.254 min
Delta R.T.: 0.006 min
Response: 165974085
Conc: 13.95 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PB127064BS

Manual Integrations
APPROVED

mohammad
2/27/2020 3:07:58 PM



#28 Decachlorobiphenyl

R.T.: 9.096 min
Delta R.T.: 0.004 min
Response: 34820736
Conc: 16.57 ng/ml