

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030620\
 Data File : PL057112.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Mar 2020 12:34
 Operator : AJ\MA
 Sample : L1792-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-3MSD

Manual Integrations
 APPROVED

mohammad
 3/9/2020 3:16:47 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 02:56:20 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030320.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 04 03:55:01 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...	3.461	3.959	174.5E6	45172510	20.472	21.173
28)	SA Decachlor...	8.211	8.985	164.0E6	38344300	16.970	18.047
Target Compounds							
2)	A alpha-BHC	3.899	4.347	750.2E6	169.1E6	50.620	53.528
3)	MA gamma-BHC...	4.182	4.630	669.1E6	153.6E6	48.692	49.411
4)	MA Heptachlor	4.483	5.131	660.1E6	153.8E6	48.595	49.428m
5)	MB Aldrin	4.731	5.435	618.9E6	150.3E6	47.931	50.276
6)	B beta-BHC	4.434	4.803	275.1E6	75434101	51.939	53.523
7)	B delta-BHC	4.638	5.017	633.5E6	111.9E6	48.560	45.955
8)	B Heptachlo...	5.174	5.819	568.7E6	132.5E6	46.998	47.822
9)	A Endosulfan I	5.511	6.174	523.8E6	134.6E6	46.209m	48.199
10)	B gamma-Chl...	5.401	6.053	588.5E6	142.2E6	47.382	47.499
11)	B alpha-Chl...	5.459	6.125	571.6E6	143.7E6	46.521	47.682
12)	B 4,4'-DDE	5.623	6.284	580.1E6	134.3E6	49.507	47.317
13)	MA Dieldrin	5.754	6.430	573.9E6	139.0E6	46.936m	47.210
14)	MA Endrin	6.013	6.646	534.3E6	125.2E6	49.110	48.539
15)	B Endosulfa...	6.286	6.856	470.1E6	122.1E6	43.529	43.529
16)	A 4,4'-DDD	6.138	6.771	439.4E6	112.7E6	45.391	46.258m
17)	MA 4,4'-DDT	6.378	7.069	442.2E6	110.1E6	45.189	44.766
18)	B Endrin al...	6.454	6.979	385.7E6	99344411	43.112	42.871m
19)	B Endosulfa...	6.667	7.203	443.6E6	114.1E6	44.412	45.484
20)	A Methoxychlor	6.924	7.529	213.7E6	61005713	42.862	48.832
21)	B Endrin ke...	7.158	7.669	476.8E6	122.1E6	42.226	44.556m
22)	Mirex	7.345	8.121	343.5E6	86251176	42.388	44.989

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030620\
Data File : PL057112.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2020 12:34
Operator : AJ\MA
Sample : L1792-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

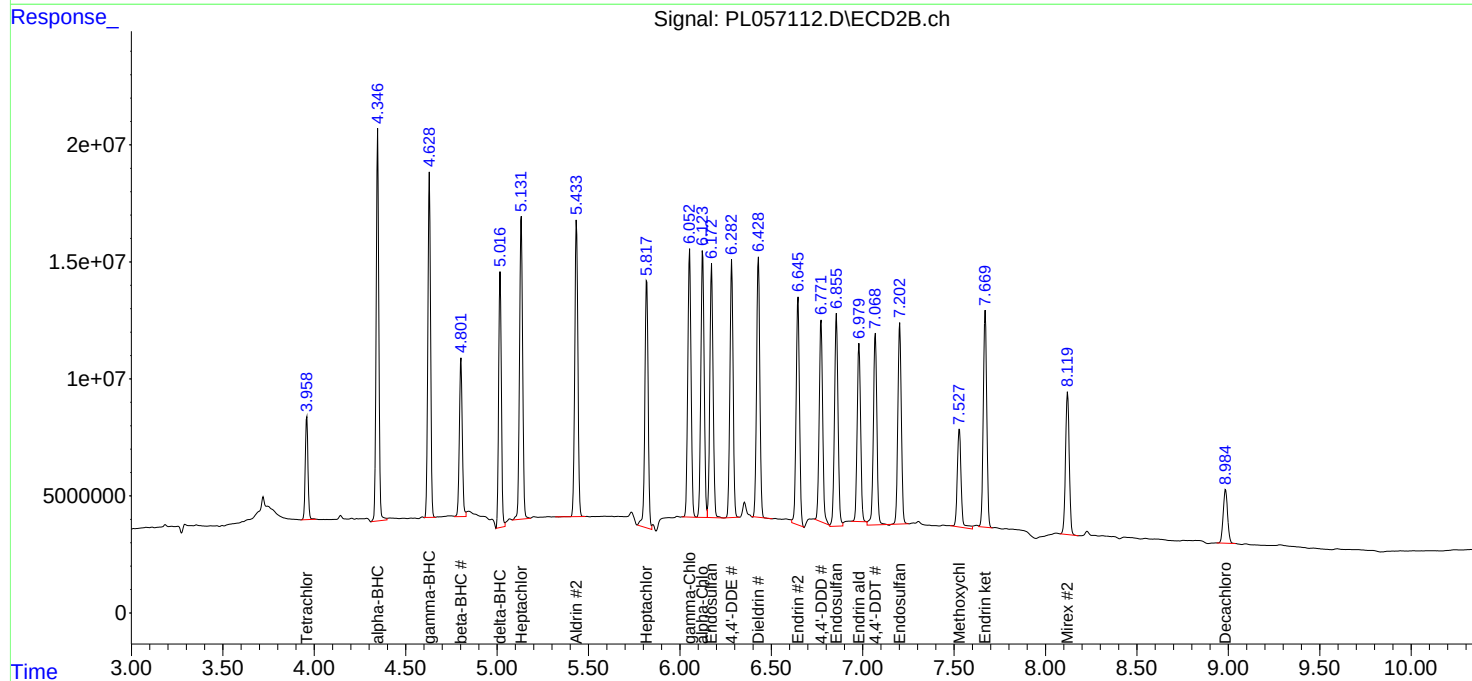
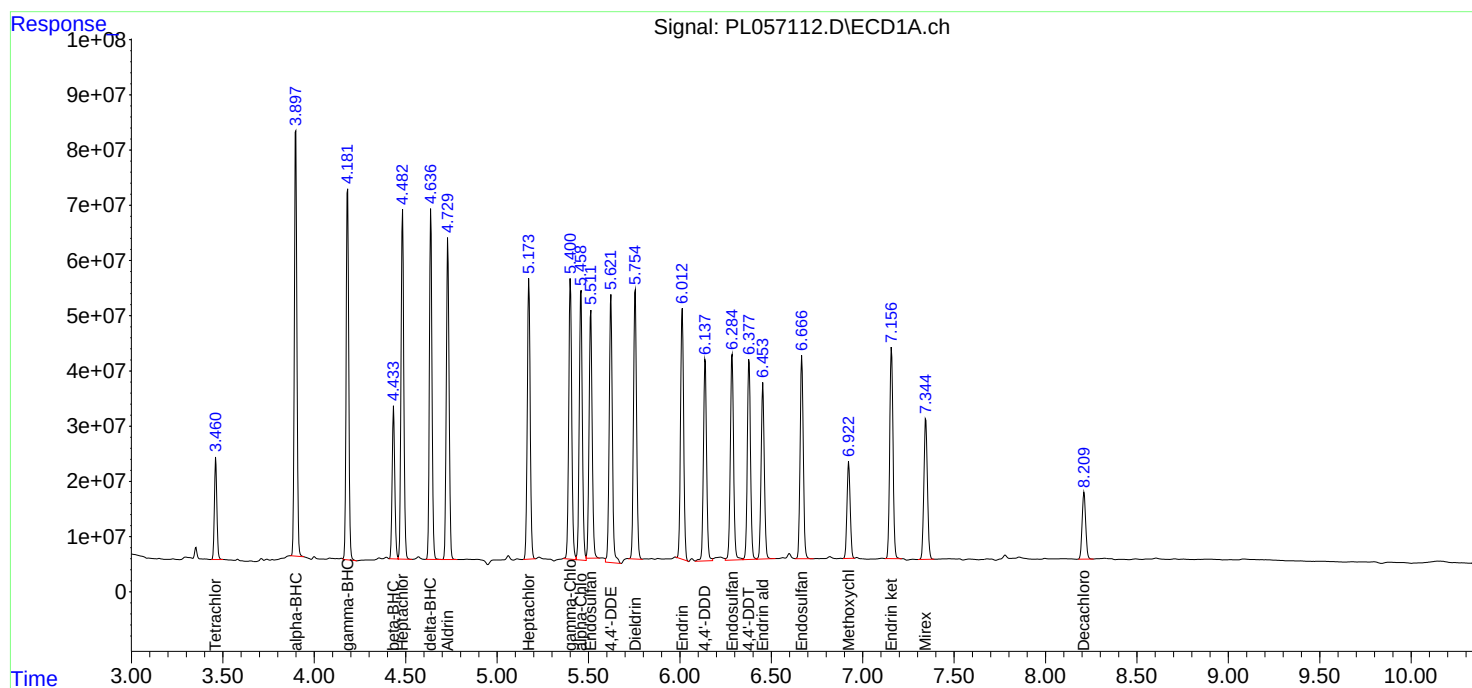
Instrument :
ECD_L
ClientSampleId :
TP-3MSD

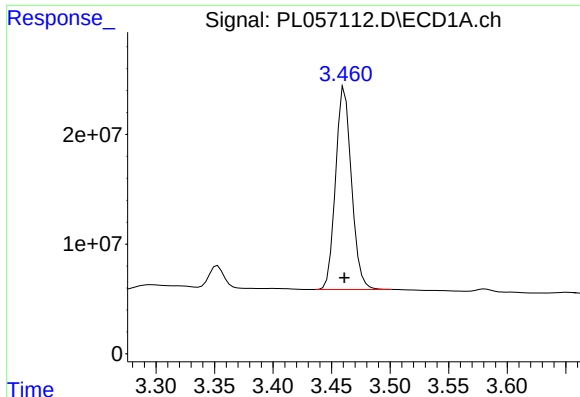
Manual Integrations
APPROVED

mohammad
3/9/2020 3:16:47 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 02:56:20 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030320.M
Quant Title : GC Extractables
QLast Update : Wed Mar 04 03:55:01 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





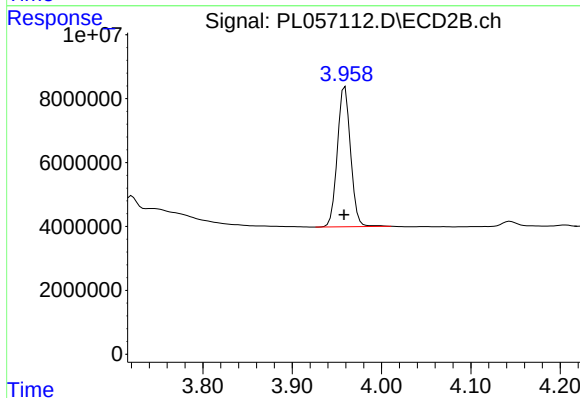
#1 Tetrachloro-m-xylene

R.T.: 3.461 min
Delta R.T.: 0.000 min
Response: 174467533
Conc: 20.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

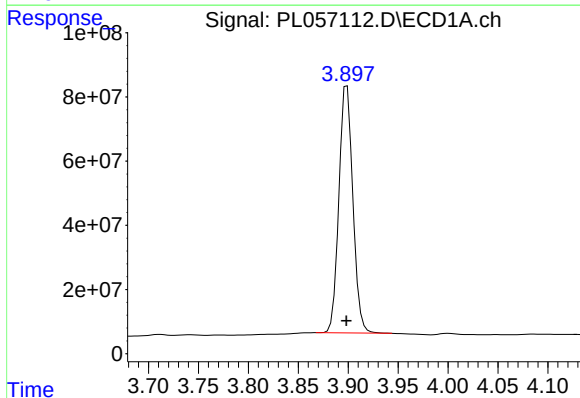
Manual Integrations
APPROVED

mohammad
3/9/2020 3:16:47 PM



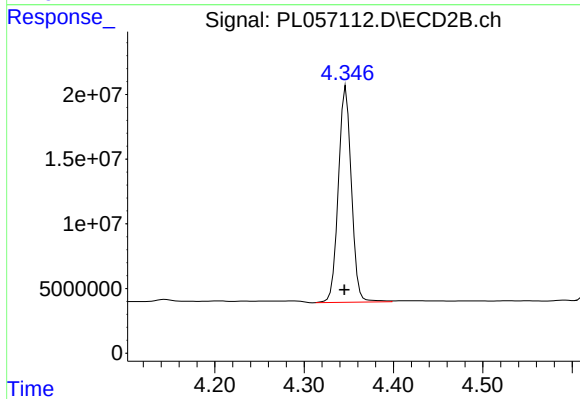
#1 Tetrachloro-m-xylene

R.T.: 3.959 min
Delta R.T.: 0.001 min
Response: 45172510
Conc: 21.17 ng/ml



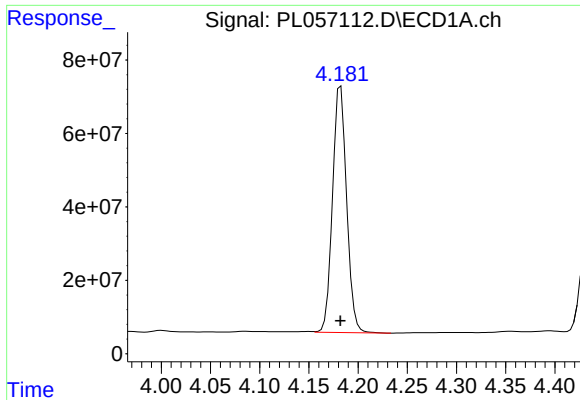
#2 alpha-BHC

R.T.: 3.899 min
Delta R.T.: 0.000 min
Response: 750181846
Conc: 50.62 ng/ml



#2 alpha-BHC

R.T.: 4.347 min
Delta R.T.: 0.002 min
Response: 169092920
Conc: 53.53 ng/ml



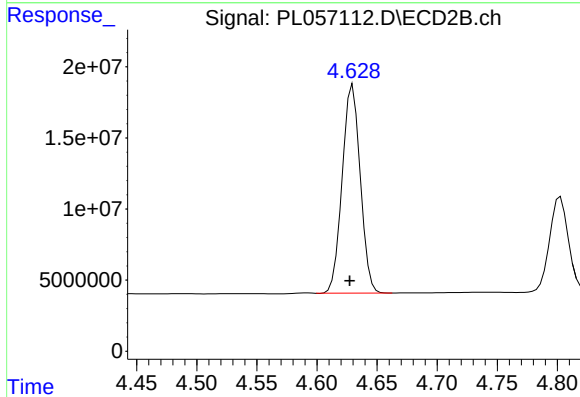
#3 gamma-BHC (Lindane)

R.T.: 4.182 min
Delta R.T.: 0.000 min
Response: 669061144
Conc: 48.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

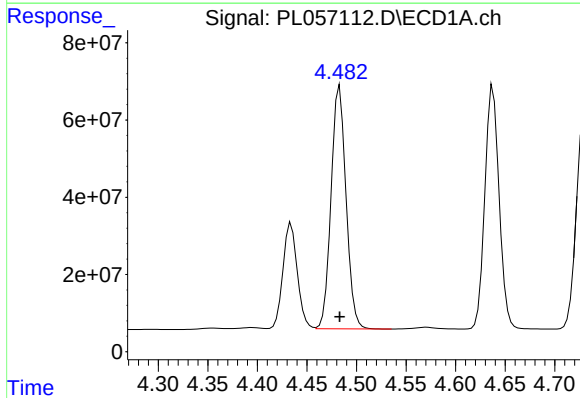
Manual Integrations
APPROVED

mohammad
3/9/2020 3:16:47 PM



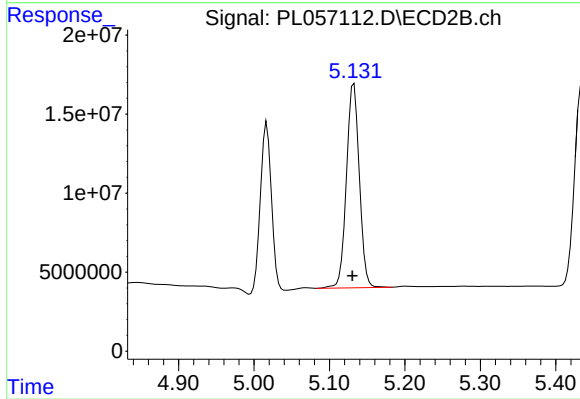
#3 gamma-BHC (Lindane)

R.T.: 4.630 min
Delta R.T.: 0.003 min
Response: 153605832
Conc: 49.41 ng/ml



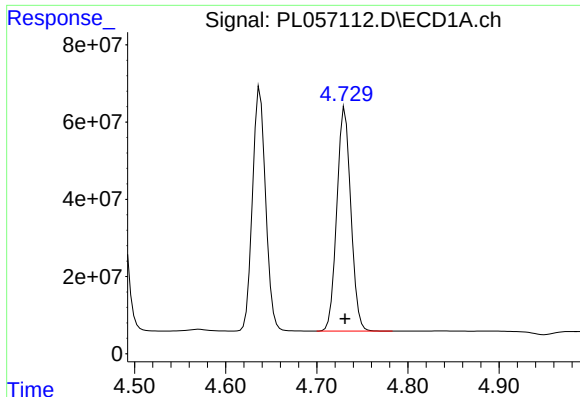
#4 Heptachlor

R.T.: 4.483 min
Delta R.T.: 0.000 min
Response: 660114120
Conc: 48.59 ng/ml



#4 Heptachlor

R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 153840452
Conc: 49.43 ng/ml m



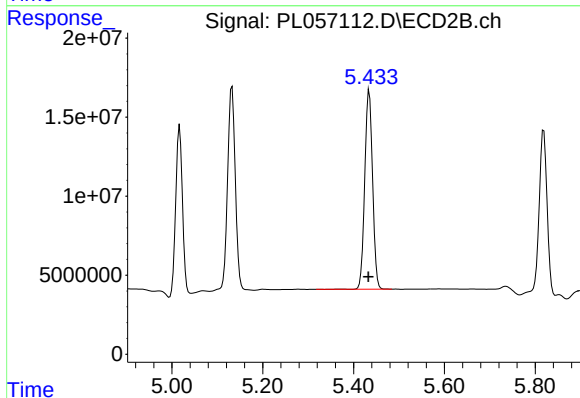
#5 Aldrin

R.T.: 4.731 min
Delta R.T.: 0.000 min
Response: 618919874
Conc: 47.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

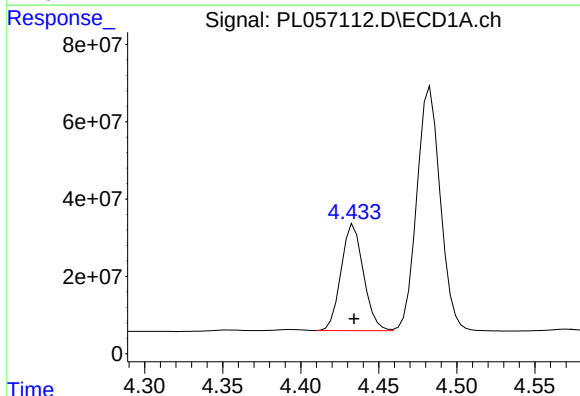
Manual Integrations
APPROVED

mohammad
3/9/2020 3:16:47 PM



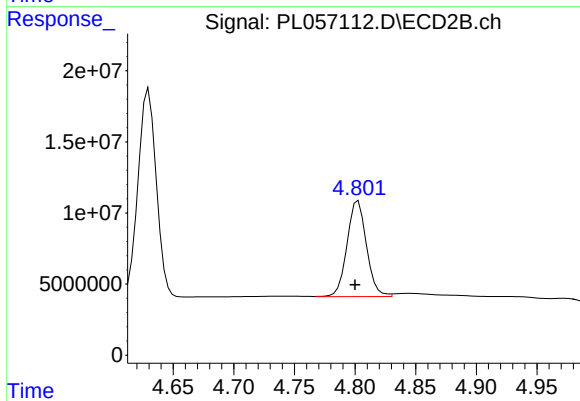
#5 Aldrin

R.T.: 5.435 min
Delta R.T.: 0.002 min
Response: 150283852
Conc: 50.28 ng/ml



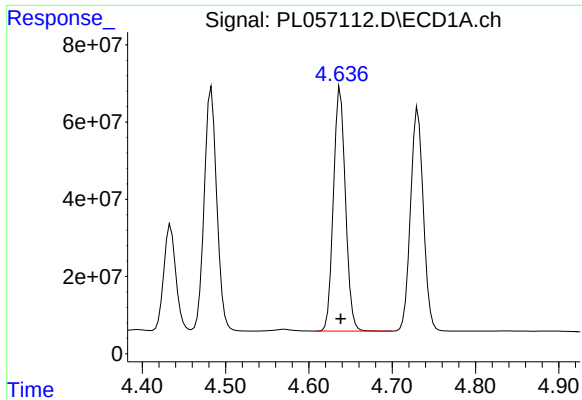
#6 beta-BHC

R.T.: 4.434 min
Delta R.T.: 0.000 min
Response: 275129939
Conc: 51.94 ng/ml



#6 beta-BHC

R.T.: 4.803 min
Delta R.T.: 0.003 min
Response: 75434101
Conc: 53.52 ng/ml



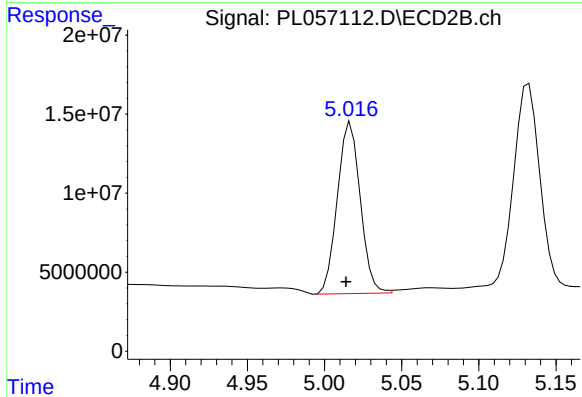
#7 delta-BHC

R.T.: 4.638 min
Delta R.T.: 0.000 min
Response: 633527196
Conc: 48.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

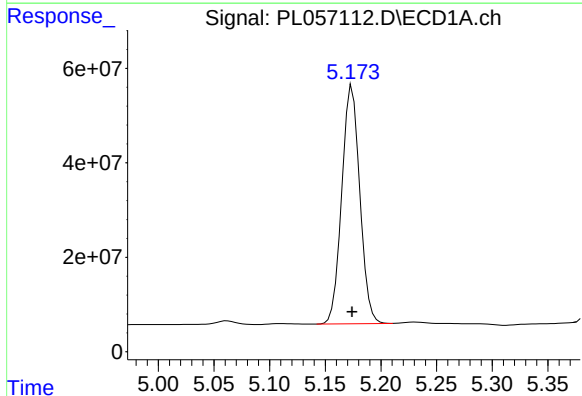
Manual Integrations
APPROVED

mohammad
3/9/2020 3:16:47 PM



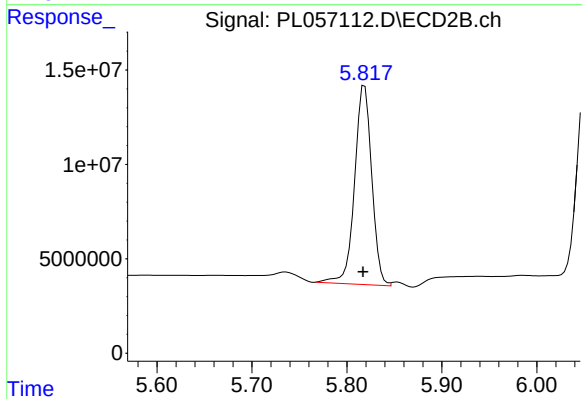
#7 delta-BHC

R.T.: 5.017 min
Delta R.T.: 0.003 min
Response: 111890785
Conc: 45.95 ng/ml



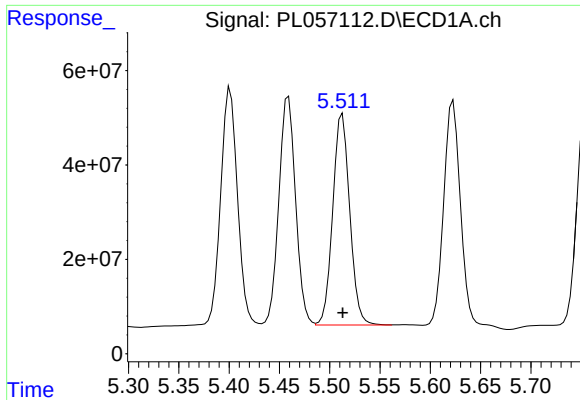
#8 Heptachlor epoxide

R.T.: 5.174 min
Delta R.T.: 0.000 min
Response: 568672995
Conc: 47.00 ng/ml



#8 Heptachlor epoxide

R.T.: 5.819 min
Delta R.T.: 0.002 min
Response: 132517610
Conc: 47.82 ng/ml



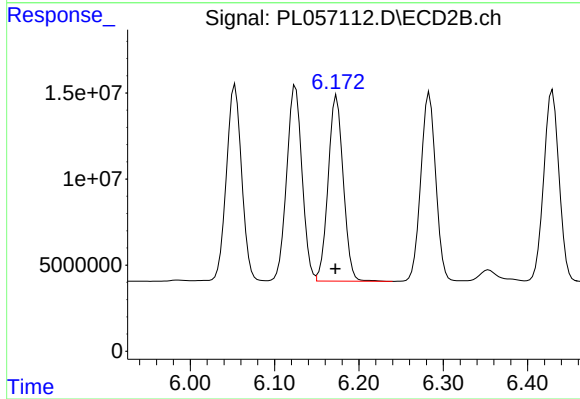
#9 Endosulfan I

R.T.: 5.511 min
Delta R.T.: -0.002 min
Response: 523830300
Conc: 46.21 ng/ml m

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

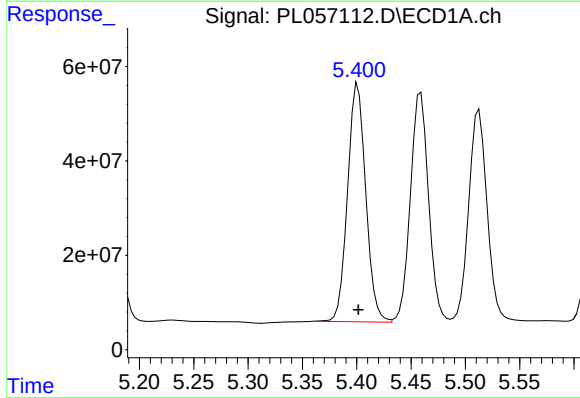
Manual Integrations
APPROVED

mohammad
3/9/2020 3:16:47 PM



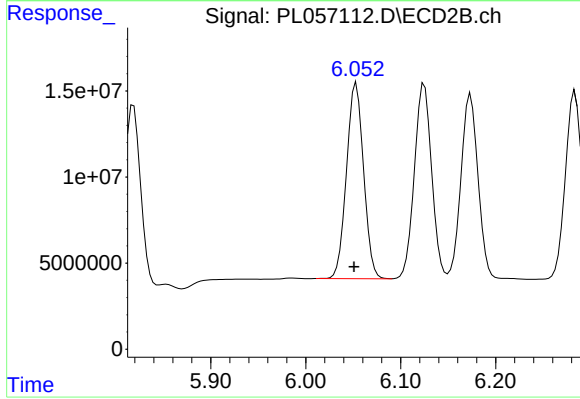
#9 Endosulfan I

R.T.: 6.174 min
Delta R.T.: 0.002 min
Response: 134640907
Conc: 48.20 ng/ml



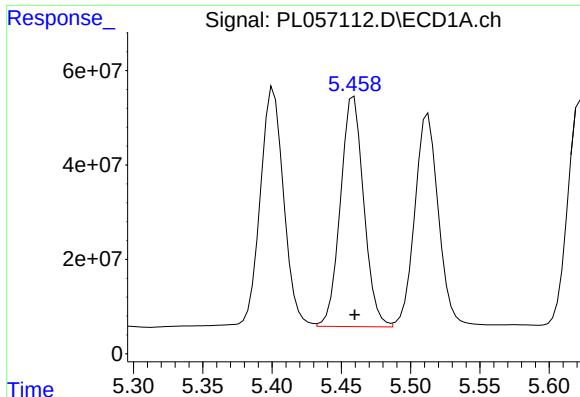
#10 gamma-Chlordane

R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 588514416
Conc: 47.38 ng/ml



#10 gamma-Chlordane

R.T.: 6.053 min
Delta R.T.: 0.002 min
Response: 142193857
Conc: 47.50 ng/ml



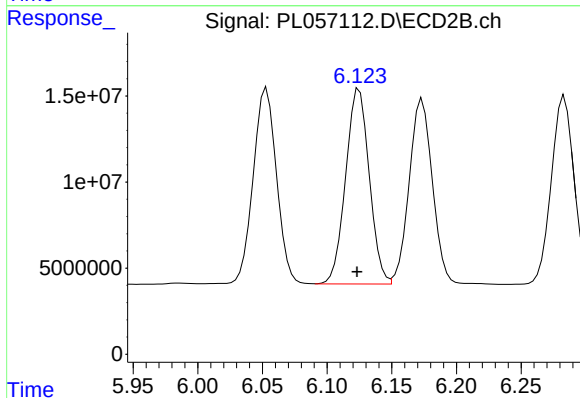
#11 alpha-Chlordane

R.T.: 5.459 min
Delta R.T.: 0.000 min
Response: 571563610
Conc: 46.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

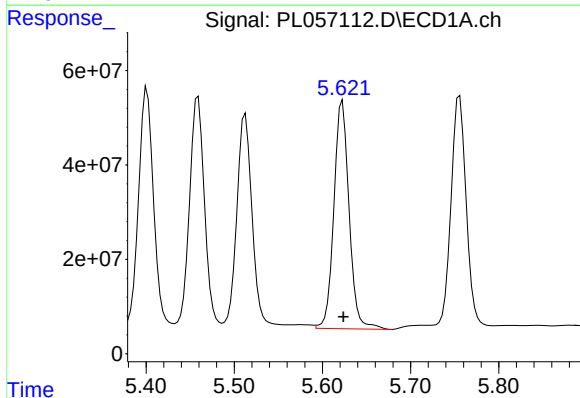
Manual Integrations
APPROVED

mohammad
3/9/2020 3:16:47 PM



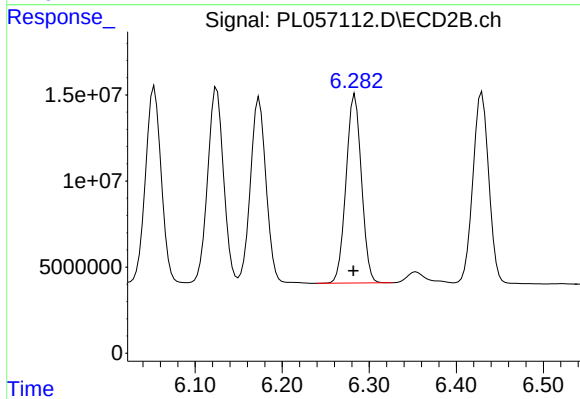
#11 alpha-Chlordane

R.T.: 6.125 min
Delta R.T.: 0.002 min
Response: 143733694
Conc: 47.68 ng/ml



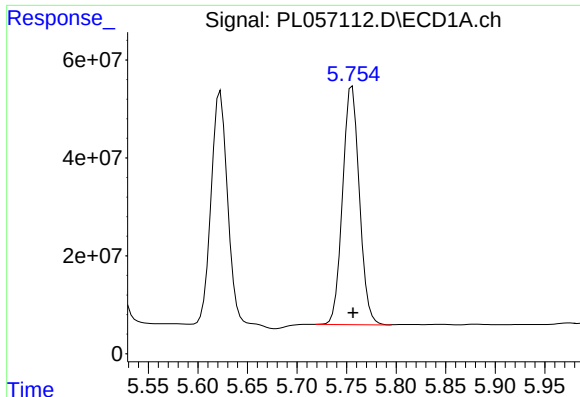
#12 4,4'-DDE

R.T.: 5.623 min
Delta R.T.: -0.001 min
Response: 580119852
Conc: 49.51 ng/ml



#12 4,4'-DDE

R.T.: 6.284 min
Delta R.T.: 0.002 min
Response: 134281612
Conc: 47.32 ng/ml



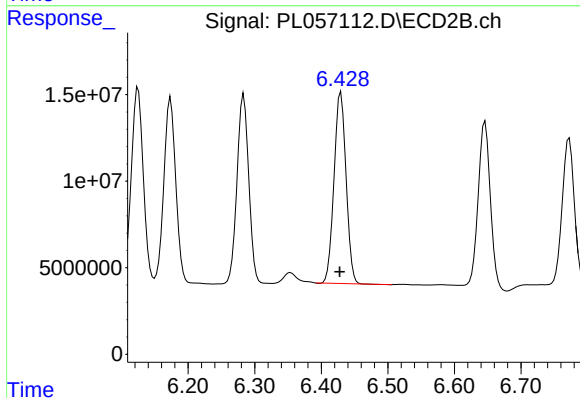
#13 Dieldrin

R.T.: 5.754 min
Delta R.T.: -0.002 min
Response: 573870144
Conc: 46.94 ng/ml m

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

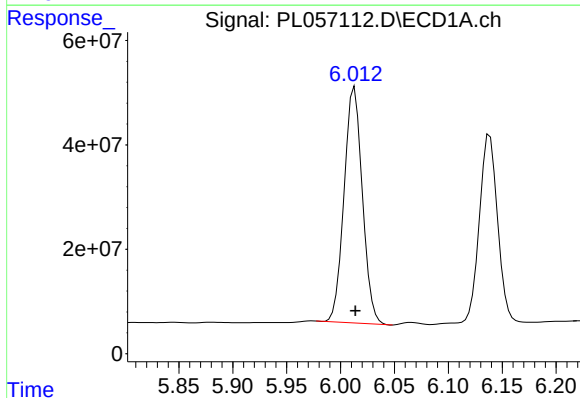
Manual Integrations
APPROVED

mohammad
3/9/2020 3:16:47 PM



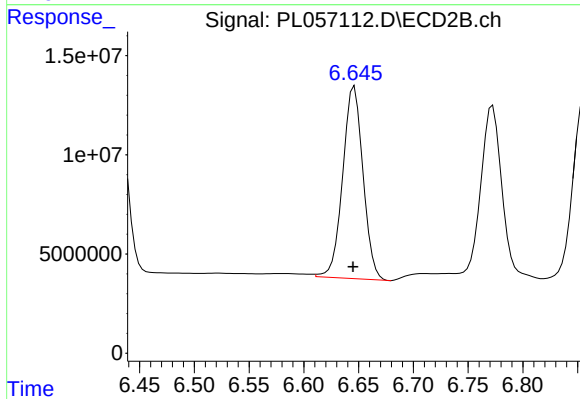
#13 Dieldrin

R.T.: 6.430 min
Delta R.T.: 0.002 min
Response: 138952153
Conc: 47.21 ng/ml



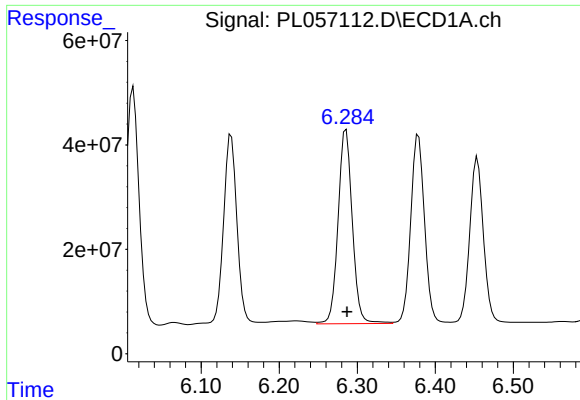
#14 Endrin

R.T.: 6.013 min
Delta R.T.: 0.000 min
Response: 534286952
Conc: 49.11 ng/ml



#14 Endrin

R.T.: 6.646 min
Delta R.T.: 0.001 min
Response: 125172627
Conc: 48.54 ng/ml



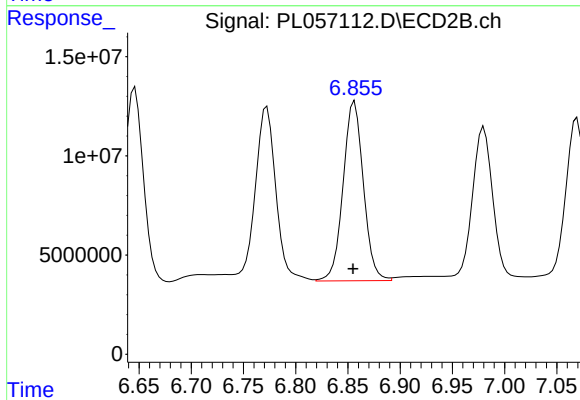
#15 Endosulfan II

R.T.: 6.286 min
Delta R.T.: -0.001 min
Response: 470090787
Conc: 43.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

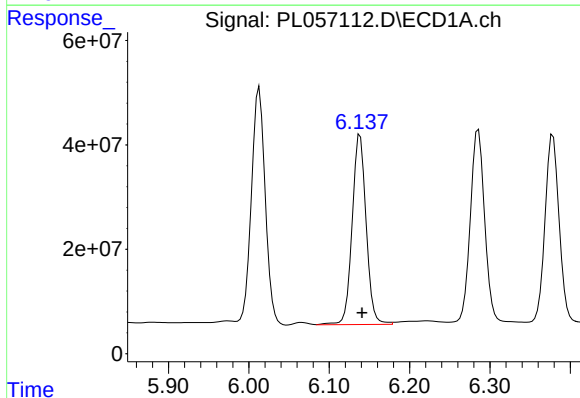
Manual Integrations
APPROVED

mohammad
3/9/2020 3:16:47 PM



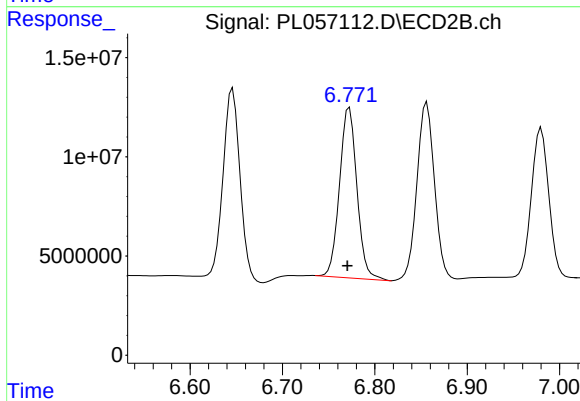
#15 Endosulfan II

R.T.: 6.856 min
Delta R.T.: 0.001 min
Response: 122143881
Conc: 43.53 ng/ml



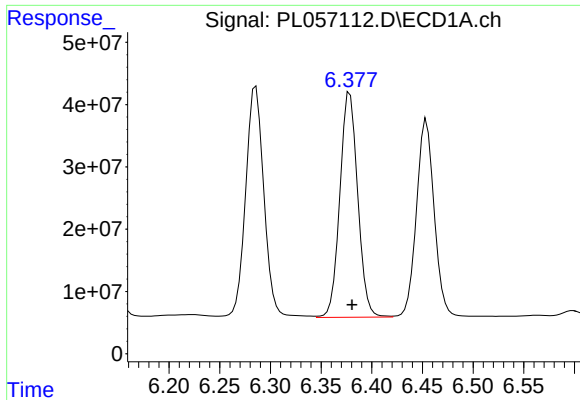
#16 4,4'-DDD

R.T.: 6.138 min
Delta R.T.: -0.002 min
Response: 439417533
Conc: 45.39 ng/ml



#16 4,4'-DDD

R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 112684980
Conc: 46.26 ng/ml m



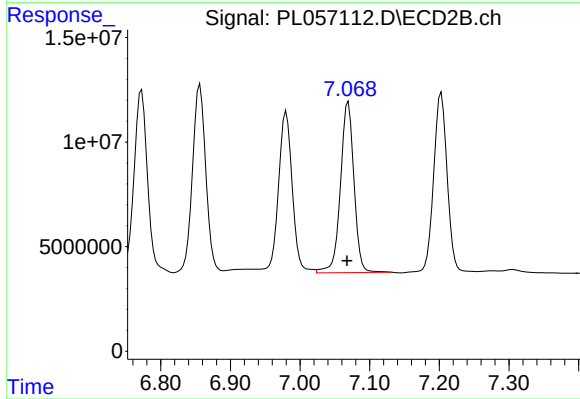
#17 4,4'-DDT

R.T.: 6.378 min
Delta R.T.: -0.002 min
Response: 442184427
Conc: 45.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

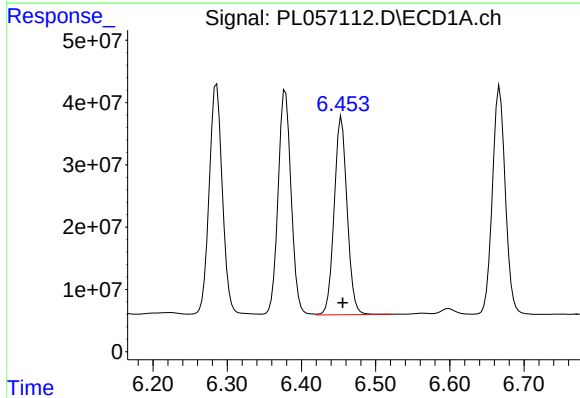
Manual Integrations
APPROVED

mohammad
3/9/2020 3:16:47 PM



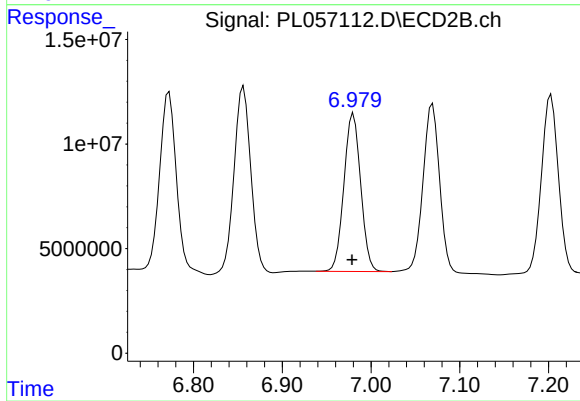
#17 4,4'-DDT

R.T.: 7.069 min
Delta R.T.: 0.002 min
Response: 110123258
Conc: 44.77 ng/ml



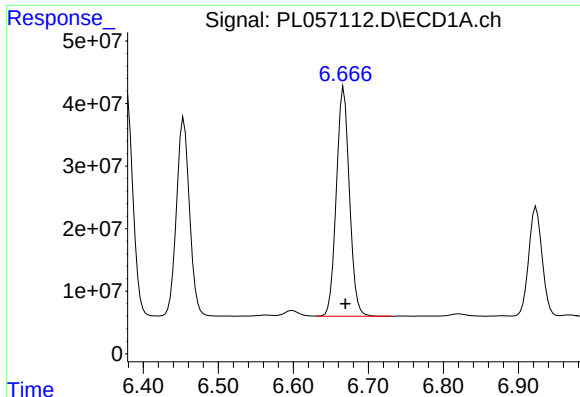
#18 Endrin aldehyde

R.T.: 6.454 min
Delta R.T.: -0.002 min
Response: 385688759
Conc: 43.11 ng/ml



#18 Endrin aldehyde

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 99344411
Conc: 42.87 ng/ml m



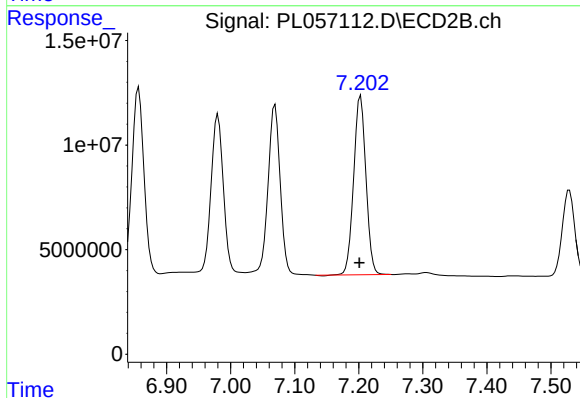
#19 Endosulfan Sulfate

R.T.: 6.667 min
Delta R.T.: -0.002 min
Response: 443551922
Conc: 44.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

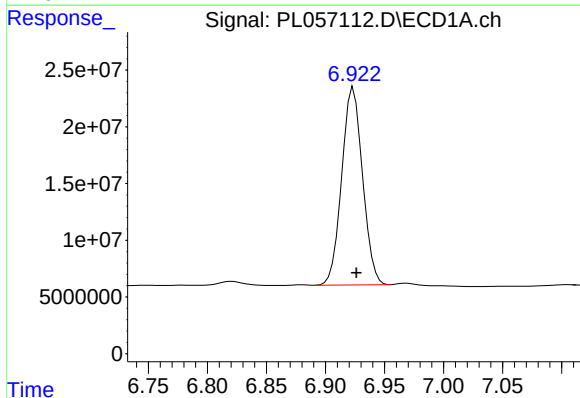
Manual Integrations
APPROVED

mohammad
3/9/2020 3:16:47 PM



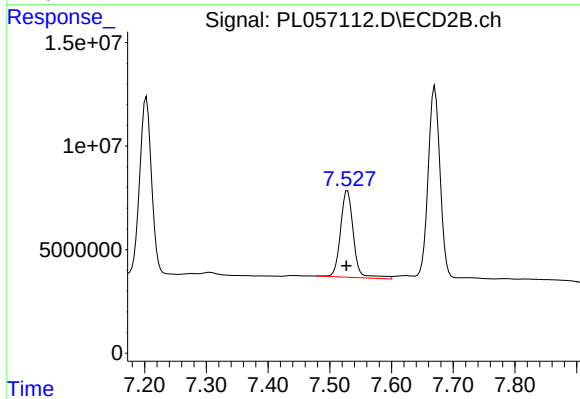
#19 Endosulfan Sulfate

R.T.: 7.203 min
Delta R.T.: 0.002 min
Response: 114068925
Conc: 45.48 ng/ml



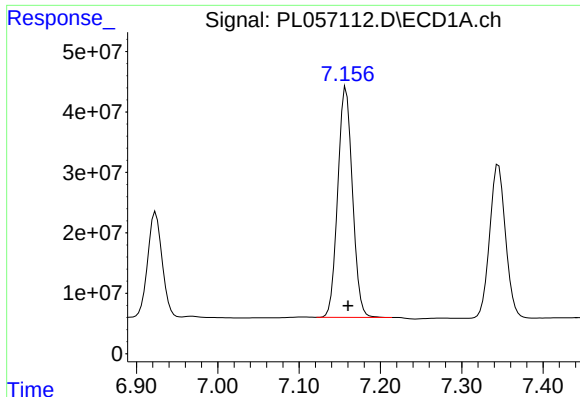
#20 Methoxychlor

R.T.: 6.924 min
Delta R.T.: -0.003 min
Response: 213715652
Conc: 42.86 ng/ml



#20 Methoxychlor

R.T.: 7.529 min
Delta R.T.: 0.002 min
Response: 61005713
Conc: 48.83 ng/ml



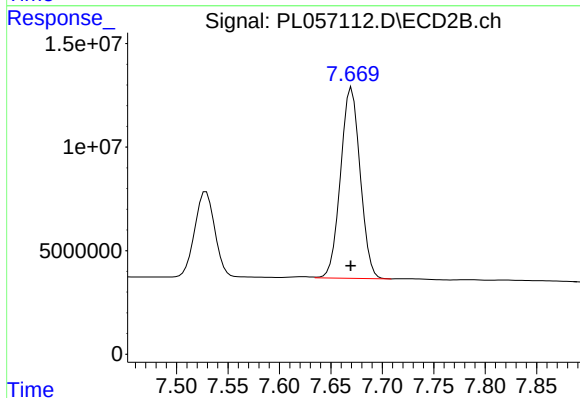
#21 Endrin ketone

R.T.: 7.158 min
Delta R.T.: -0.003 min
Response: 476843069
Conc: 42.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

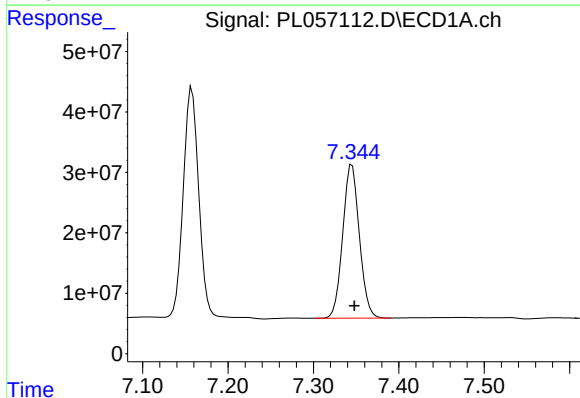
Manual Integrations
APPROVED

mohammad
3/9/2020 3:16:47 PM



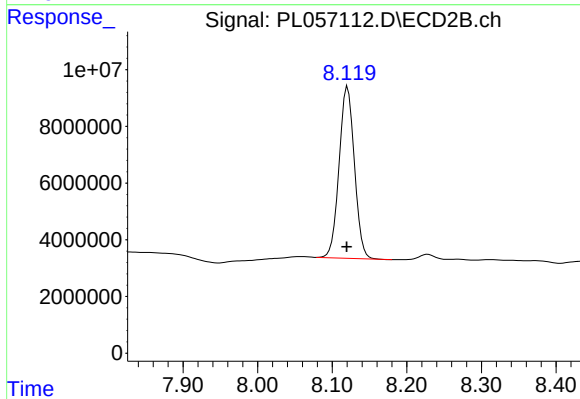
#21 Endrin ketone

R.T.: 7.669 min
Delta R.T.: 0.000 min
Response: 122103425
Conc: 44.56 ng/ml m



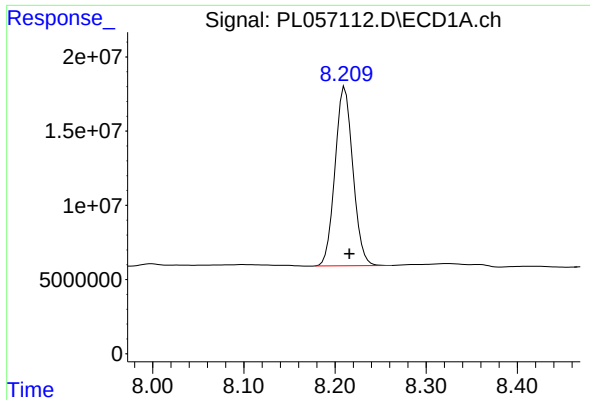
#22 Mirex

R.T.: 7.345 min
Delta R.T.: -0.003 min
Response: 343484783
Conc: 42.39 ng/ml



#22 Mirex

R.T.: 8.121 min
Delta R.T.: 0.001 min
Response: 86251176
Conc: 44.99 ng/ml



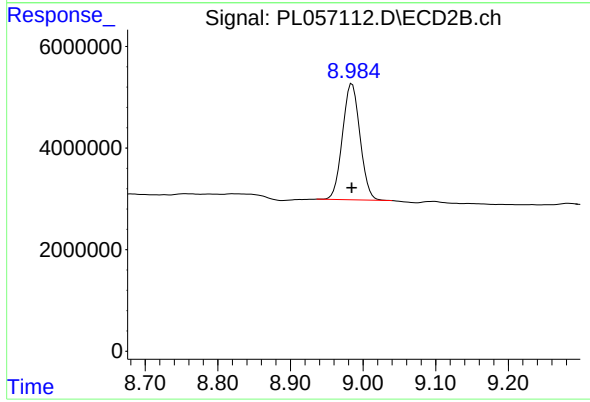
#28 Decachlorobiphenyl

R.T.: 8.211 min
Delta R.T.: -0.005 min
Response: 164017336
Conc: 16.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

Manual Integrations
APPROVED

mohammad
3/9/2020 3:16:47 PM



#28 Decachlorobiphenyl

R.T.: 8.985 min
Delta R.T.: 0.000 min
Response: 38344300
Conc: 18.05 ng/ml