

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010320\
 Data File : PL055511.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jan 2020 22:15
 Operator : AJ\MA
 Sample : K6113-20MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OR-02-123119MS

Manual Integrations
 APPROVED

mohammad
 1/6/2020 11:39:30 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 04 01:14:17 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010320.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 04 01:07:28 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...	3.502	4.013	166.1E6	52161991	17.239	18.443
28)	SA Decachlor...	8.265	9.086	182.9E6	46567757	21.618	21.027
Target Compounds							
2)	A alpha-BHC	3.942	4.403	752.1E6	213.5E6	46.618	50.447
3)	MA gamma-BHC...	4.227	4.686	711.3E6	199.2E6	47.372	50.499
4)	MA Heptachlor	4.530	5.193	693.2E6	172.0E6	47.027	47.746
5)	MB Aldrin	4.779	5.496	690.2E6	163.5E6	47.664	50.804
6)	B beta-BHC	4.477	4.857	288.3E6	80377410	46.534	45.947
7)	B delta-BHC	4.683	5.073	638.2E6	169.5E6	45.240	58.187 #
8)	B Heptachlo...	5.223	5.882	649.8E6	154.8E6	50.928	62.572
9)	A Endosulfan I	5.563	6.239	612.1E6	143.5E6	50.887	52.078
10)	B gamma-Chl...	5.450	6.116	680.5E6	154.4E6	53.053	54.011
11)	B alpha-Chl...	5.508	6.189	643.0E6	149.0E6	50.742	51.497
12)	B 4,4'-DDE	5.672	6.346	612.4E6	144.9E6	52.753	53.152
13)	MA Dieldrin	5.806	6.496	676.3E6	149.1E6	53.581	53.305
14)	MA Endrin	6.064	6.714	619.3E6	128.7E6	53.307	53.414
15)	B Endosulfa...	6.337	6.924	541.1E6	134.4E6	54.352	51.201
16)	A 4,4'-DDD	6.188	6.837	460.0E6	117.1E6	55.280	54.534
17)	MA 4,4'-DDT	6.429	7.137	480.0E6	115.0E6	55.378	47.580
18)	B Endrin al...	6.505	7.049	450.9E6	107.7E6	50.263	52.009
19)	B Endosulfa...	6.718	7.273	506.0E6	124.2E6	58.704	54.492
20)	A Methoxychlor	6.973	7.597	241.2E6	60188516	52.308	49.949
21)	B Endrin ke...	7.209	7.745	593.6E6	133.2E6	51.229m	55.059
22)	Mirex	7.400	8.201	361.9E6	88418258	57.733	51.917

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010320\
Data File : PL055511.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jan 2020 22:15
Operator : AJ\MA
Sample : K6113-20MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

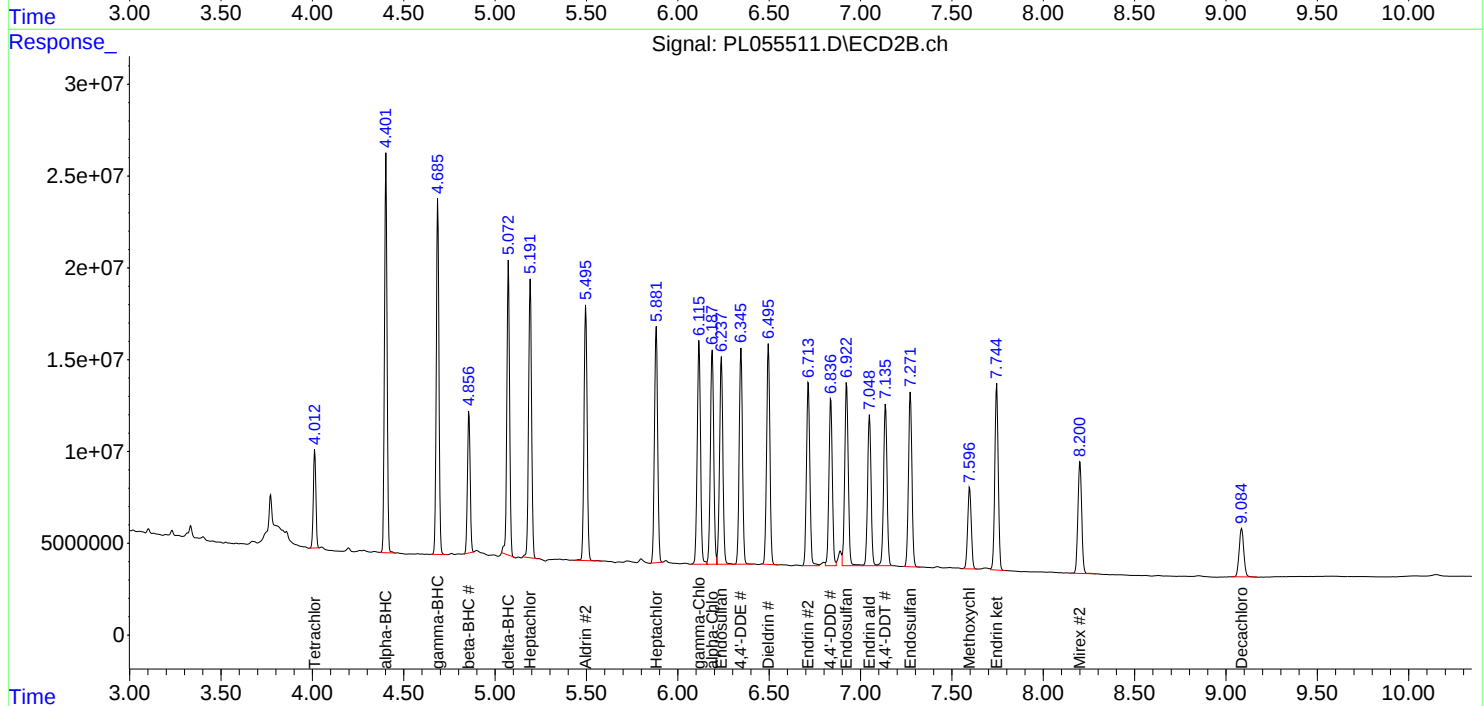
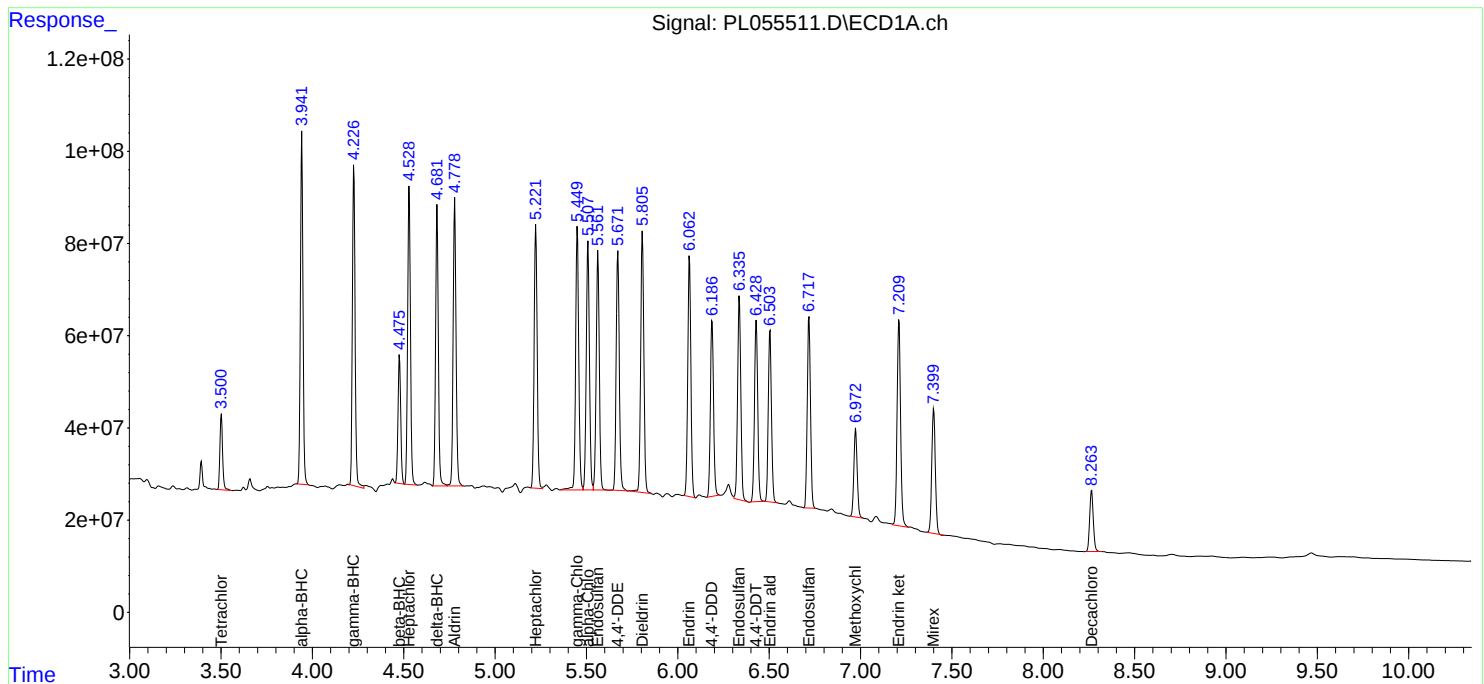
Instrument :
ECD_L
ClientSampleId :
OR-02-123119MS

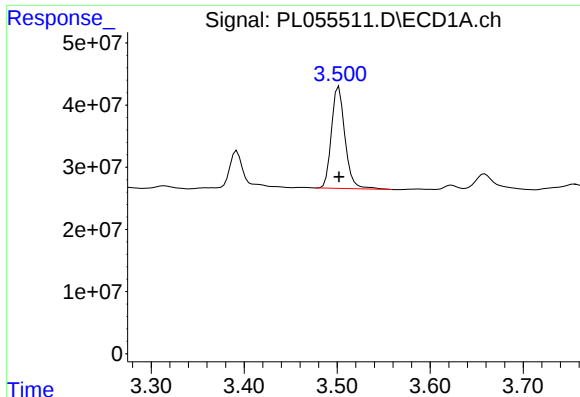
Manual Integrations
APPROVED

mohammad
1/6/2020 11:39:30 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 04 01:14:17 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010320.M
Quant Title : GC Extractables
QLast Update : Sat Jan 04 01:07:28 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





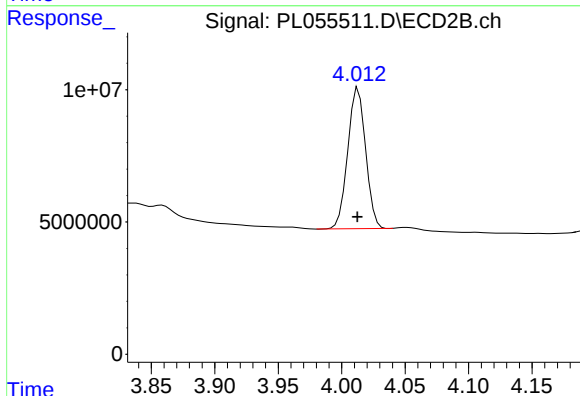
#1 Tetrachloro-m-xylene

R.T.: 3.502 min
Delta R.T.: 0.000 min
Response: 166056119
Conc: 17.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-123119MS

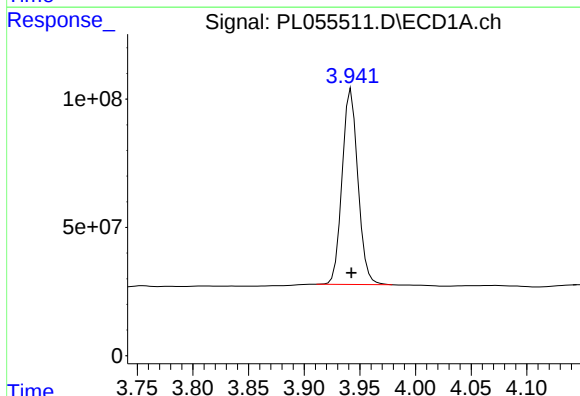
Manual Integrations
APPROVED

mohammad
1/6/2020 11:39:30 AM



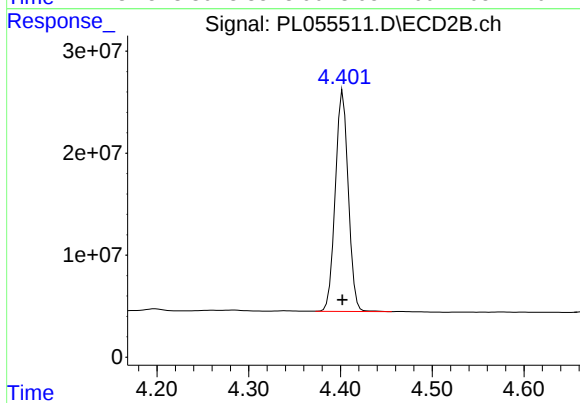
#1 Tetrachloro-m-xylene

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 52161991
Conc: 18.44 ng/ml



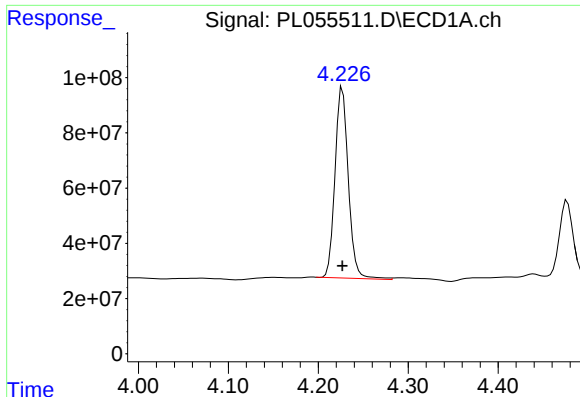
#2 alpha-BHC

R.T.: 3.942 min
Delta R.T.: 0.000 min
Response: 752139386
Conc: 46.62 ng/ml



#2 alpha-BHC

R.T.: 4.403 min
Delta R.T.: 0.000 min
Response: 213493381
Conc: 50.45 ng/ml



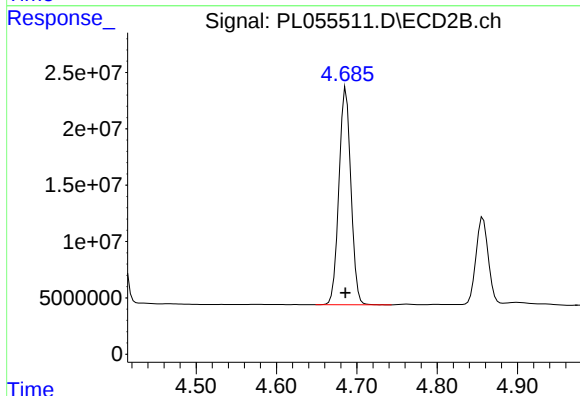
#3 gamma-BHC (Lindane)

R.T.: 4.227 min
Delta R.T.: 0.000 min
Response: 711336193
Conc: 47.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-123119MS

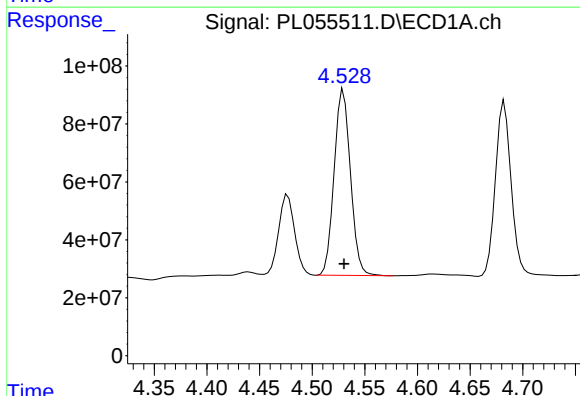
Manual Integrations
APPROVED

mohammad
1/6/2020 11:39:30 AM



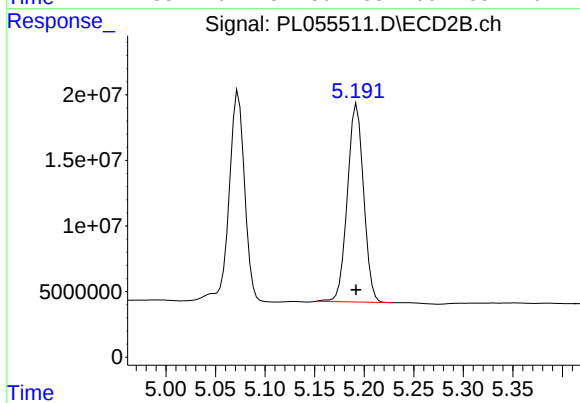
#3 gamma-BHC (Lindane)

R.T.: 4.686 min
Delta R.T.: 0.000 min
Response: 199241724
Conc: 50.50 ng/ml



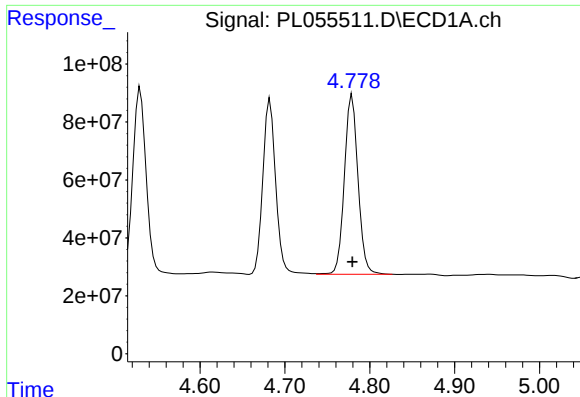
#4 Heptachlor

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 693176979
Conc: 47.03 ng/ml



#4 Heptachlor

R.T.: 5.193 min
Delta R.T.: 0.000 min
Response: 171963890
Conc: 47.75 ng/ml



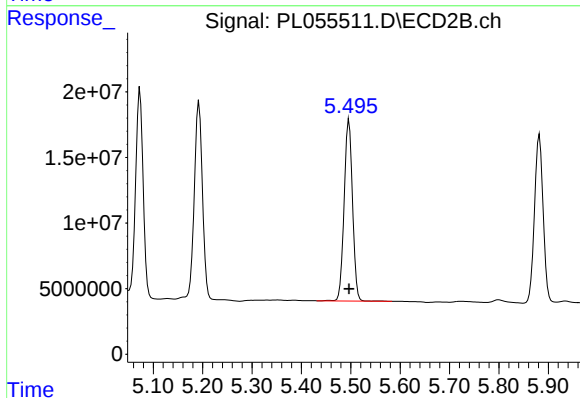
#5 Aldrin

R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 690154271
Conc: 47.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-123119MS

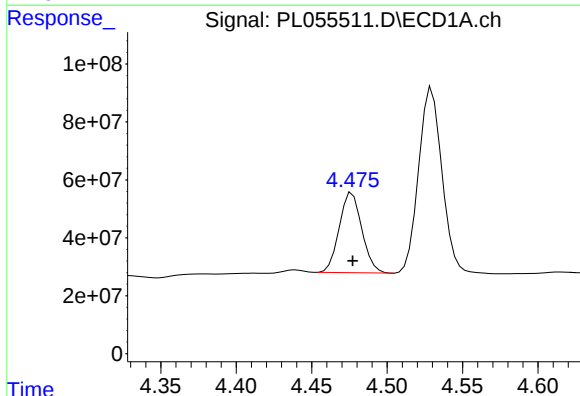
Manual Integrations
APPROVED

mohammad
1/6/2020 11:39:30 AM



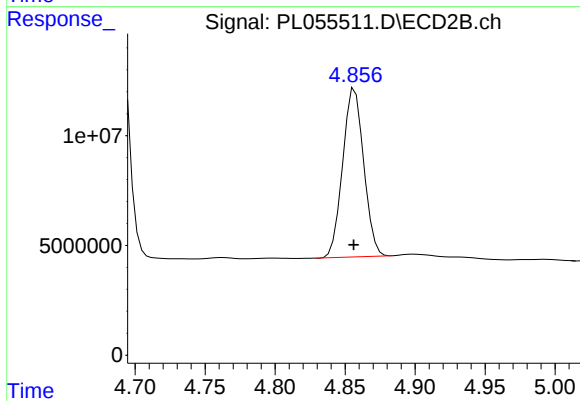
#5 Aldrin

R.T.: 5.496 min
Delta R.T.: 0.000 min
Response: 163541506
Conc: 50.80 ng/ml



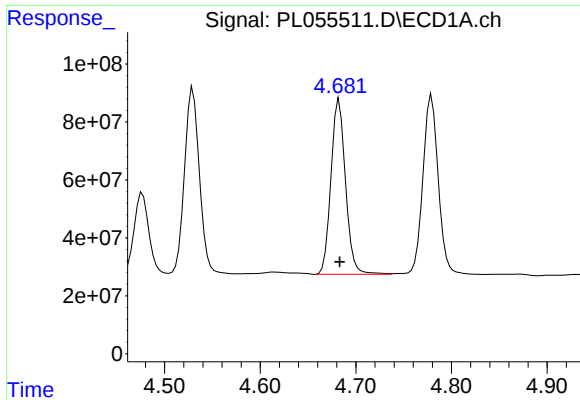
#6 beta-BHC

R.T.: 4.477 min
Delta R.T.: 0.000 min
Response: 288342080
Conc: 46.53 ng/ml



#6 beta-BHC

R.T.: 4.857 min
Delta R.T.: 0.000 min
Response: 80377410
Conc: 45.95 ng/ml



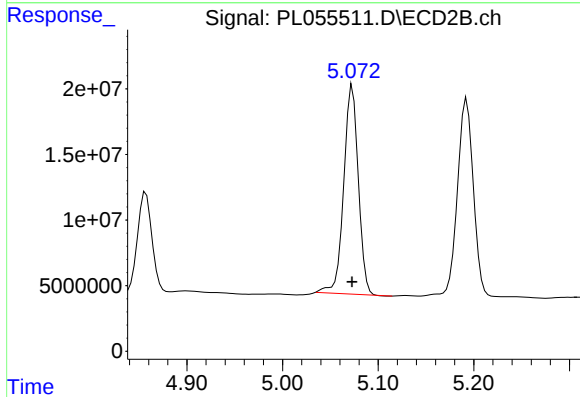
#7 delta-BHC

R.T.: 4.683 min
Delta R.T.: 0.000 min
Response: 638237618
Conc: 45.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-123119MS

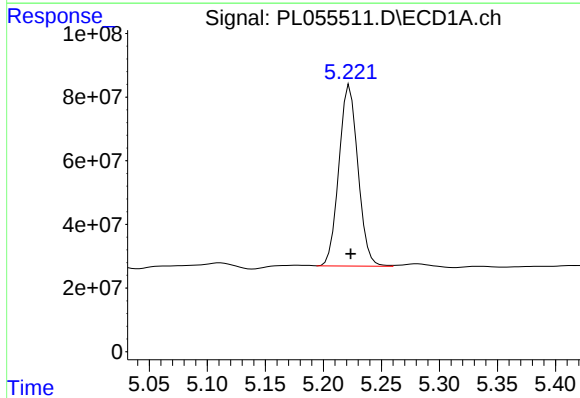
Manual Integrations
APPROVED

mohammad
1/6/2020 11:39:30 AM



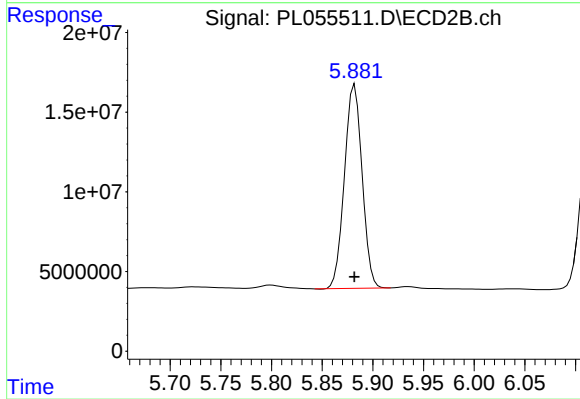
#7 delta-BHC

R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 169463248
Conc: 58.19 ng/ml



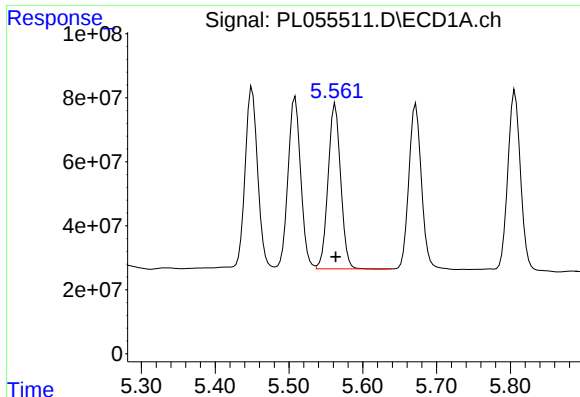
#8 Heptachlor epoxide

R.T.: 5.223 min
Delta R.T.: 0.000 min
Response: 649806839
Conc: 50.93 ng/ml



#8 Heptachlor epoxide

R.T.: 5.882 min
Delta R.T.: 0.000 min
Response: 154846104
Conc: 62.57 ng/ml



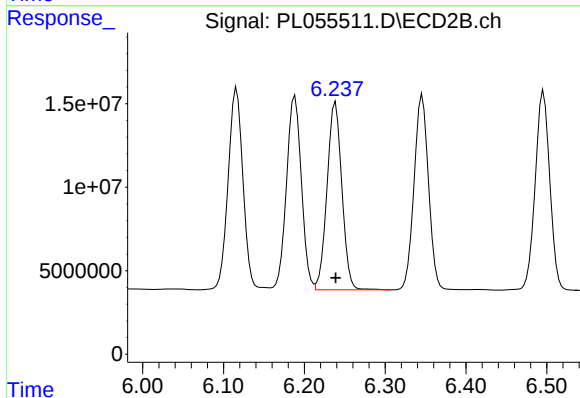
#9 Endosulfan I

R.T.: 5.563 min
Delta R.T.: 0.000 min
Response: 612148680
Conc: 50.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-123119MS

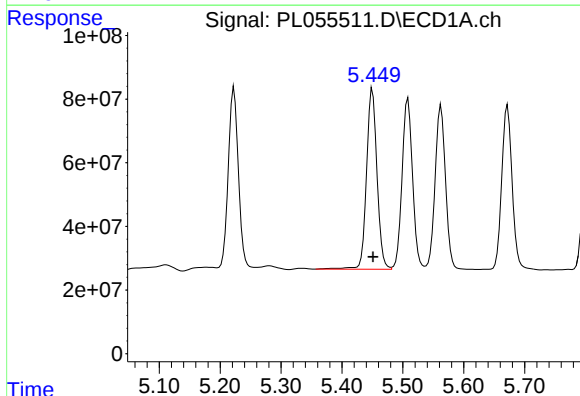
Manual Integrations
APPROVED

mohammad
1/6/2020 11:39:30 AM



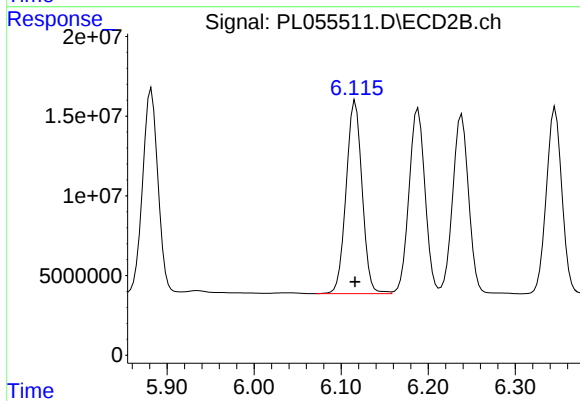
#9 Endosulfan I

R.T.: 6.239 min
Delta R.T.: 0.000 min
Response: 143451178
Conc: 52.08 ng/ml



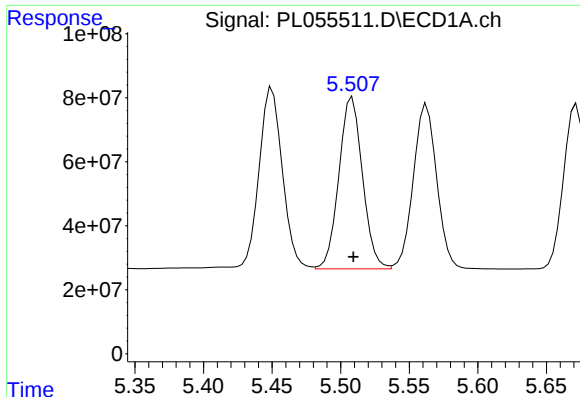
#10 gamma-Chlordane

R.T.: 5.450 min
Delta R.T.: 0.000 min
Response: 680540196
Conc: 53.05 ng/ml



#10 gamma-Chlordane

R.T.: 6.116 min
Delta R.T.: 0.000 min
Response: 154386533
Conc: 54.01 ng/ml



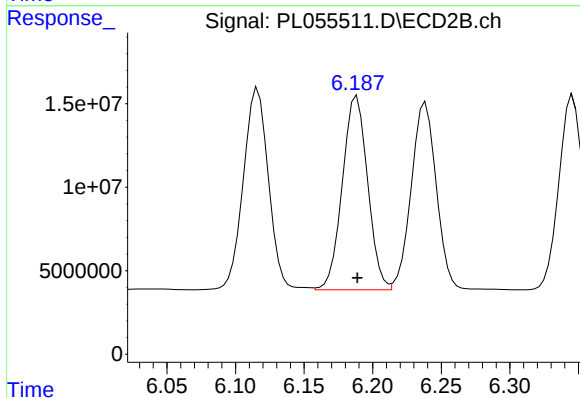
#11 alpha-Chlordane

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 642993171
Conc: 50.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-123119MS

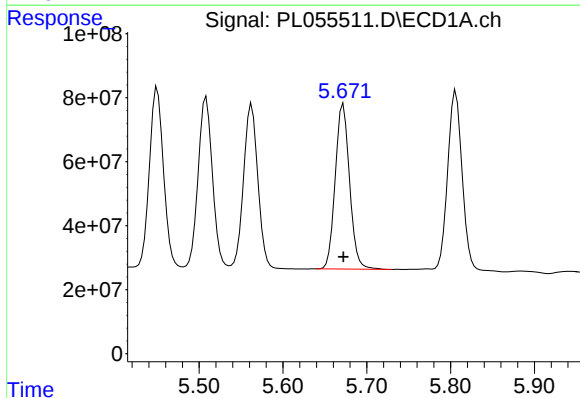
Manual Integrations
APPROVED

mohammad
1/6/2020 11:39:30 AM



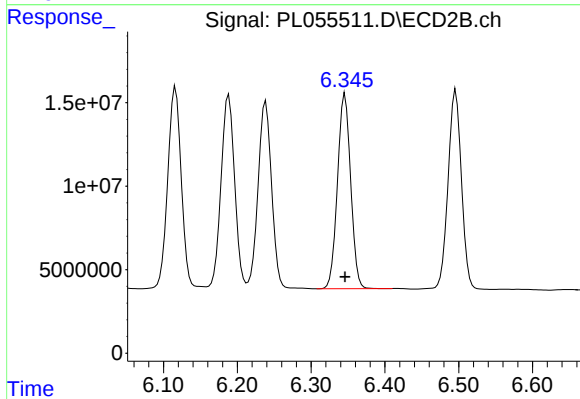
#11 alpha-Chlordane

R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 149009872
Conc: 51.50 ng/ml



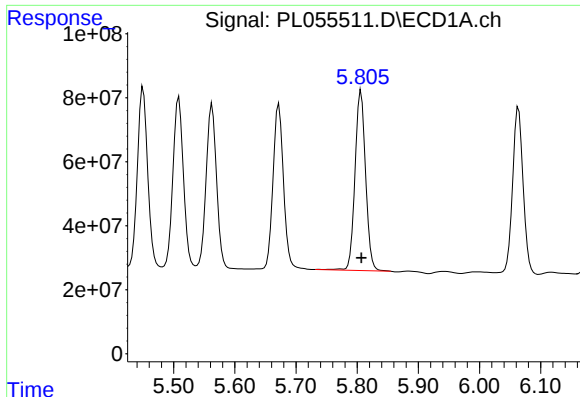
#12 4,4'-DDE

R.T.: 5.672 min
Delta R.T.: 0.000 min
Response: 612401122
Conc: 52.75 ng/ml



#12 4,4'-DDE

R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 144856165
Conc: 53.15 ng/ml



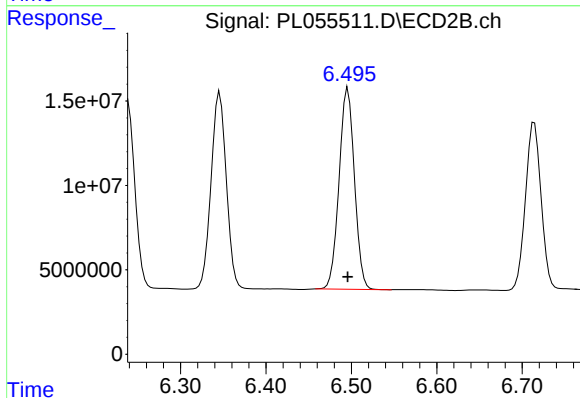
#13 Dieldrin

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 676326088
Conc: 53.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-123119MS

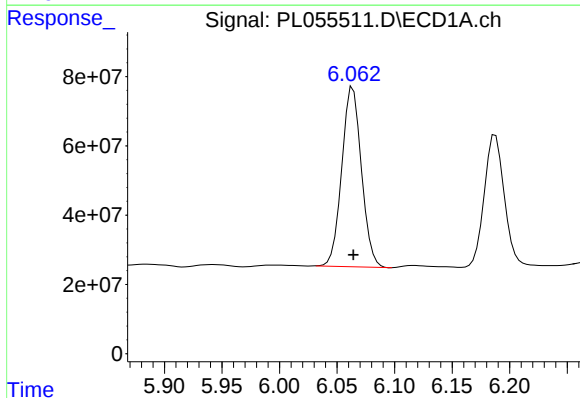
Manual Integrations
APPROVED

mohammad
1/6/2020 11:39:30 AM



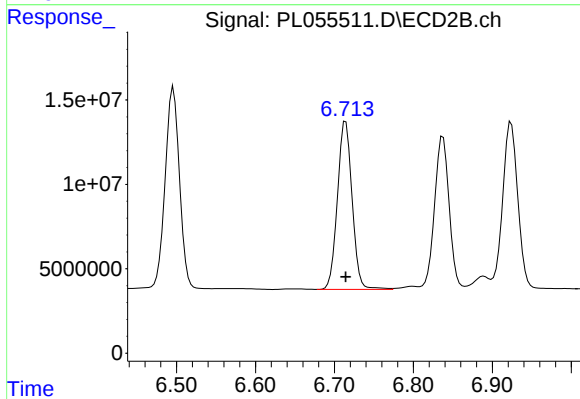
#13 Dieldrin

R.T.: 6.496 min
Delta R.T.: 0.000 min
Response: 149122674
Conc: 53.30 ng/ml



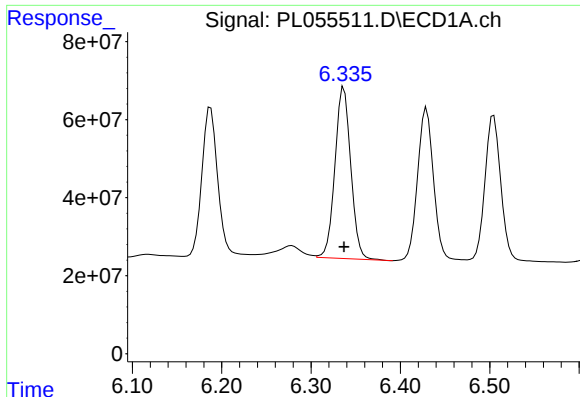
#14 Endrin

R.T.: 6.064 min
Delta R.T.: 0.000 min
Response: 619288958
Conc: 53.31 ng/ml



#14 Endrin

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 128715393
Conc: 53.41 ng/ml



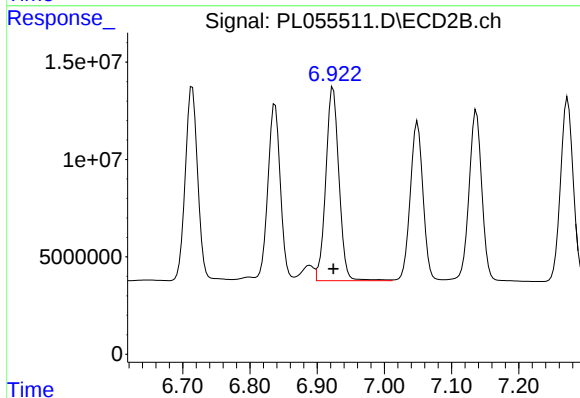
#15 Endosulfan II

R.T.: 6.337 min
Delta R.T.: 0.000 min
Response: 541067639
Conc: 54.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-123119MS

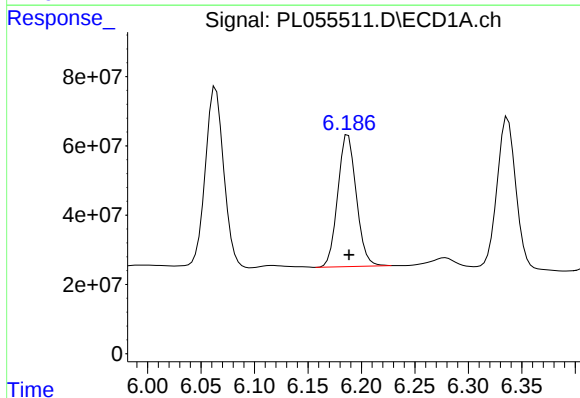
Manual Integrations
APPROVED

mohammad
1/6/2020 11:39:30 AM



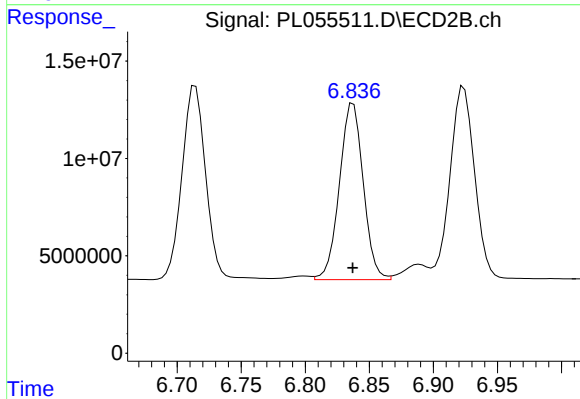
#15 Endosulfan II

R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 134365388
Conc: 51.20 ng/ml



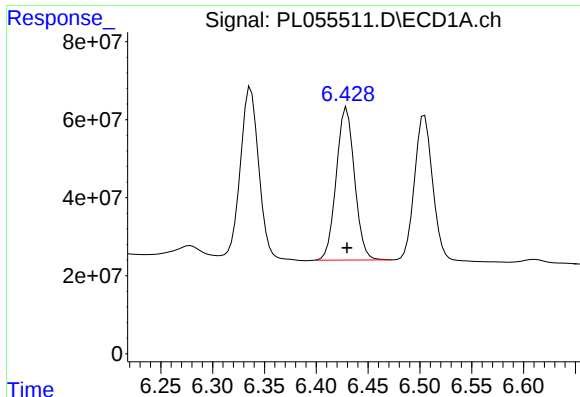
#16 4,4'-DDD

R.T.: 6.188 min
Delta R.T.: 0.000 min
Response: 459979613
Conc: 55.28 ng/ml



#16 4,4'-DDD

R.T.: 6.837 min
Delta R.T.: 0.000 min
Response: 117143171
Conc: 54.53 ng/ml



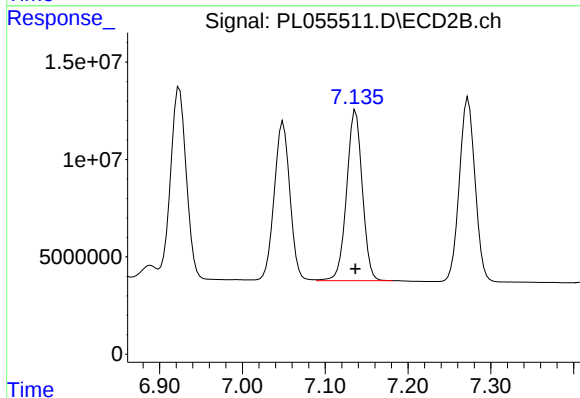
#17 4,4'-DDT

R.T.: 6.429 min
Delta R.T.: 0.000 min
Response: 480040591
Conc: 55.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-123119MS

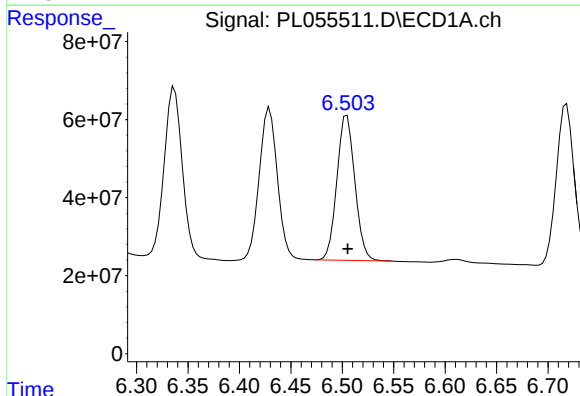
Manual Integrations
APPROVED

mohammad
1/6/2020 11:39:30 AM



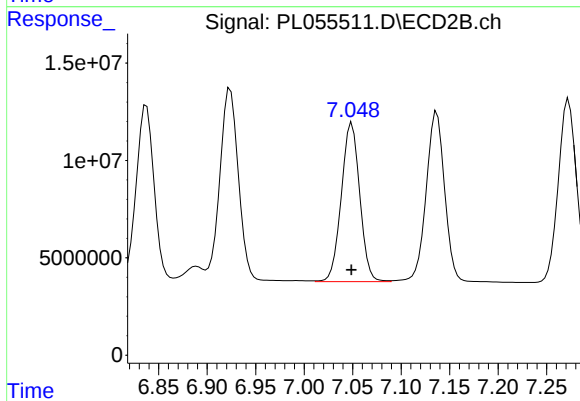
#17 4,4'-DDT

R.T.: 7.137 min
Delta R.T.: 0.000 min
Response: 114965121
Conc: 47.58 ng/ml



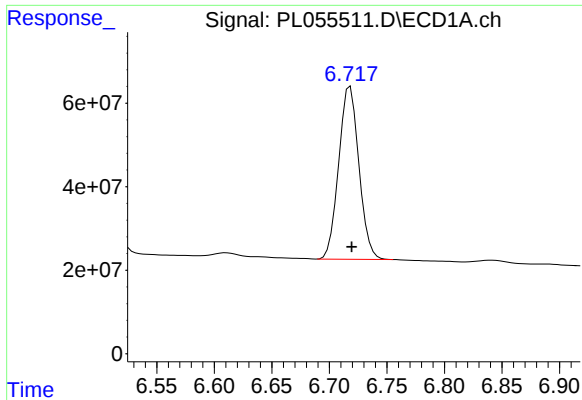
#18 Endrin aldehyde

R.T.: 6.505 min
Delta R.T.: 0.000 min
Response: 450948323
Conc: 50.26 ng/ml



#18 Endrin aldehyde

R.T.: 7.049 min
Delta R.T.: 0.000 min
Response: 107652506
Conc: 52.01 ng/ml



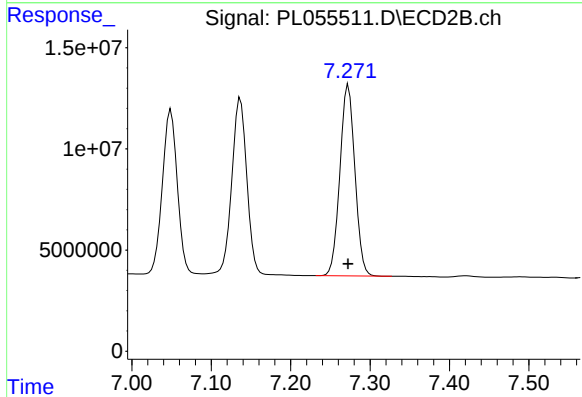
#19 Endosulfan Sulfate

R.T.: 6.718 min
Delta R.T.: -0.001 min
Response: 506006042
Conc: 58.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-123119MS

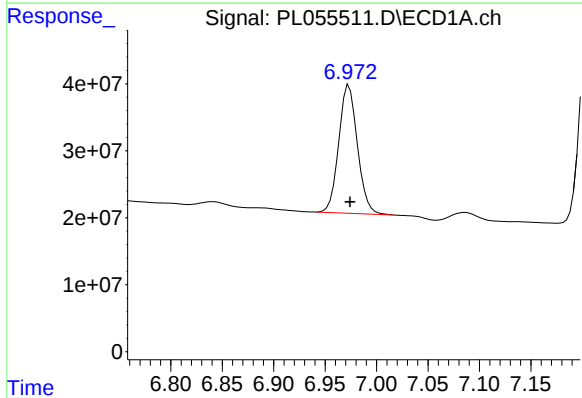
Manual Integrations
APPROVED

mohammad
1/6/2020 11:39:30 AM



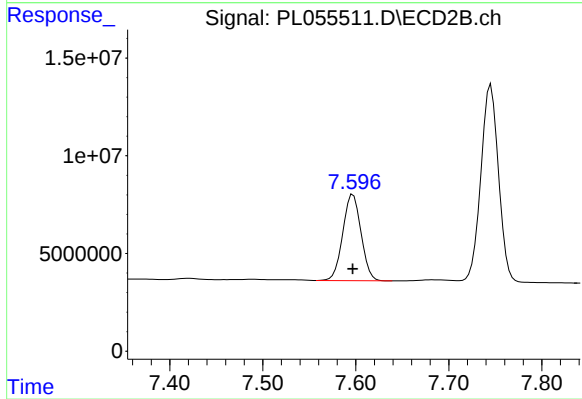
#19 Endosulfan Sulfate

R.T.: 7.273 min
Delta R.T.: 0.000 min
Response: 124232456
Conc: 54.49 ng/ml



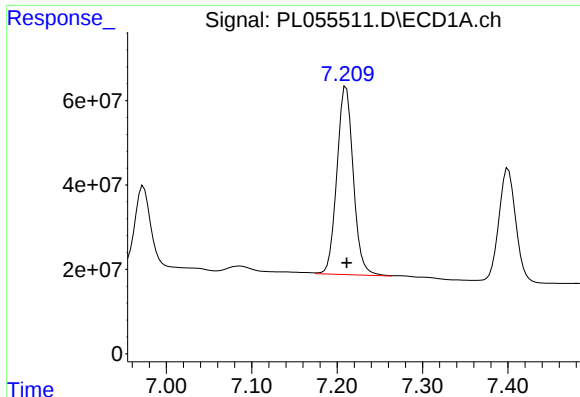
#20 Methoxychlor

R.T.: 6.973 min
Delta R.T.: -0.001 min
Response: 241151356
Conc: 52.31 ng/ml



#20 Methoxychlor

R.T.: 7.597 min
Delta R.T.: 0.000 min
Response: 60188516
Conc: 49.95 ng/ml



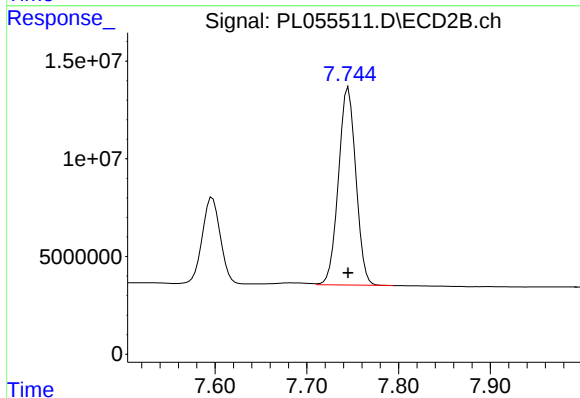
#21 Endrin ketone

R.T.: 7.209 min
Delta R.T.: -0.002 min
Response: 593643990
Conc: 51.23 ng/ml m

Instrument :
ECD_L
ClientSampleId :
OR-02-123119MS

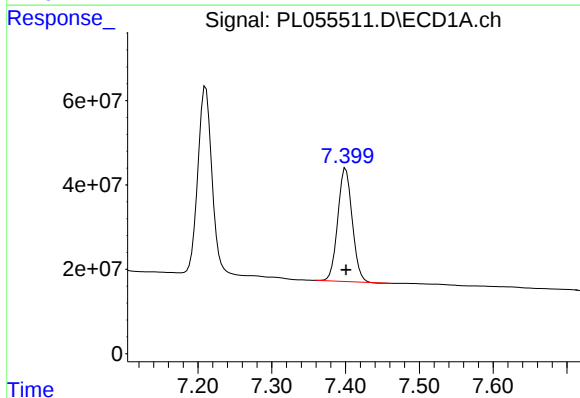
Manual Integrations
APPROVED

mohammad
1/6/2020 11:39:30 AM



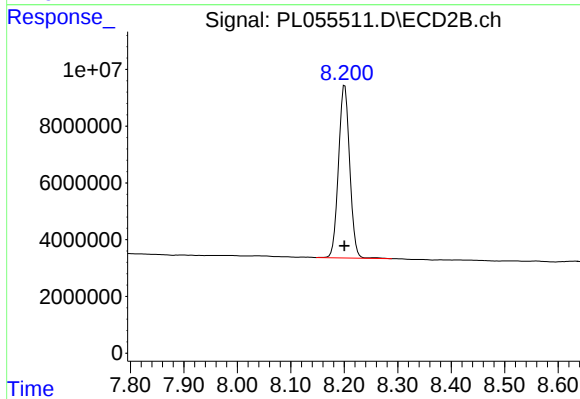
#21 Endrin ketone

R.T.: 7.745 min
Delta R.T.: 0.000 min
Response: 133150542
Conc: 55.06 ng/ml



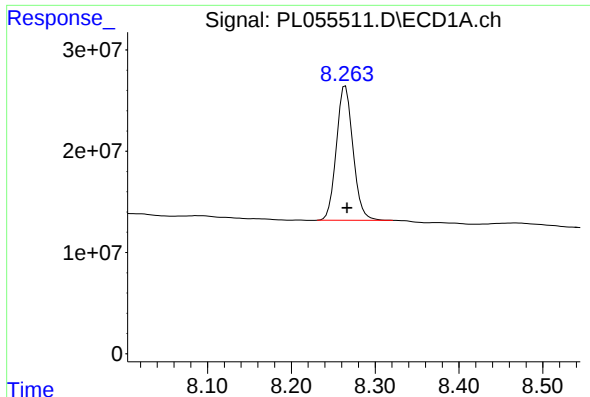
#22 Mirex

R.T.: 7.400 min
Delta R.T.: 0.000 min
Response: 361947361
Conc: 57.73 ng/ml



#22 Mirex

R.T.: 8.201 min
Delta R.T.: 0.000 min
Response: 88418258
Conc: 51.92 ng/ml



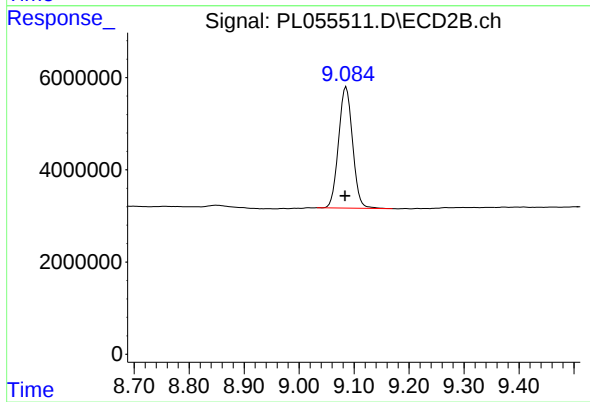
#28 Decachlorobiphenyl

R.T.: 8.265 min
Delta R.T.: -0.002 min
Response: 182850094
Conc: 21.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-123119MS

Manual Integrations
APPROVED

mohammad
1/6/2020 11:39:30 AM



#28 Decachlorobiphenyl

R.T.: 9.086 min
Delta R.T.: 0.002 min
Response: 46567757
Conc: 21.03 ng/ml