

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031320\
 Data File : PL057328.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Mar 2020 12:41
 Operator : AJ\MA
 Sample : PB127480BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB127480BSD

Manual Integrations
 APPROVED

mohammad
 3/17/2020 2:40:04 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 14 00:46:20 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030320.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 11 17:44:01 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...	3.465	3.958	174.1E6	41336414	20.432	19.375
28)	SA Decachlor...	8.214	8.984	141.2E6	30614185	14.612	14.408
Target Compounds							
2)	A alpha-BHC	3.902	4.346	812.0E6	167.8E6	54.791	53.117
3)	MA gamma-BHC...	4.187	4.629	697.7E6	157.3E6	50.778	50.615
4)	MA Heptachlor	4.487	5.131	727.7E6	149.9E6	53.568	48.160
5)	MB Aldrin	4.735	5.433	690.8E6	149.5E6	53.498	50.022
6)	B beta-BHC	4.438	4.801	295.1E6	78759204	55.713	55.883
7)	B delta-BHC	4.641	5.016	708.3E6	124.0E6	54.293m	50.917
8)	B Heptachlo...	5.178	5.817	660.7E6	143.2E6	54.602	51.674
9)	A Endosulfan I	5.517	6.172	609.3E6	145.4E6	53.753	52.040
10)	B gamma-Chl...	5.405	6.051	681.1E6	156.3E6	54.836	52.210
11)	B alpha-Chl...	5.463	6.123	631.7E6	152.8E6	51.414	50.688
12)	B 4,4'-DDE	5.627	6.283	622.8E6	140.6E6	53.153	49.557
13)	MA Dieldrin	5.760	6.428	662.4E6	150.1E6	54.178	50.987
14)	MA Endrin	6.017	6.645	603.5E6	121.2E6	55.469	46.995
15)	B Endosulfa...	6.289	6.855	529.0E6	125.6E6	48.979	44.777
16)	A 4,4'-DDD	6.142	6.771	509.7E6	116.3E6	52.654	47.750
17)	MA 4,4'-DDT	6.382	7.068	464.9E6	102.3E6	47.509	41.581
18)	B Endrin al...	6.458	6.979	443.9E6	108.2E6	49.616	46.698
19)	B Endosulfa...	6.671	7.201	518.9E6	122.5E6	51.958	48.844
20)	A Methoxychlor	6.928	7.527	234.3E6	65609277	46.986	52.516
21)	B Endrin ke...	7.159	7.668	710.5E6	131.9E6	62.916m	48.125m
22)	Mirex	7.348	8.119	359.5E6	86601096	44.370	45.172

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031320\
Data File : PL057328.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Mar 2020 12:41
Operator : AJ\MA
Sample : PB127480BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

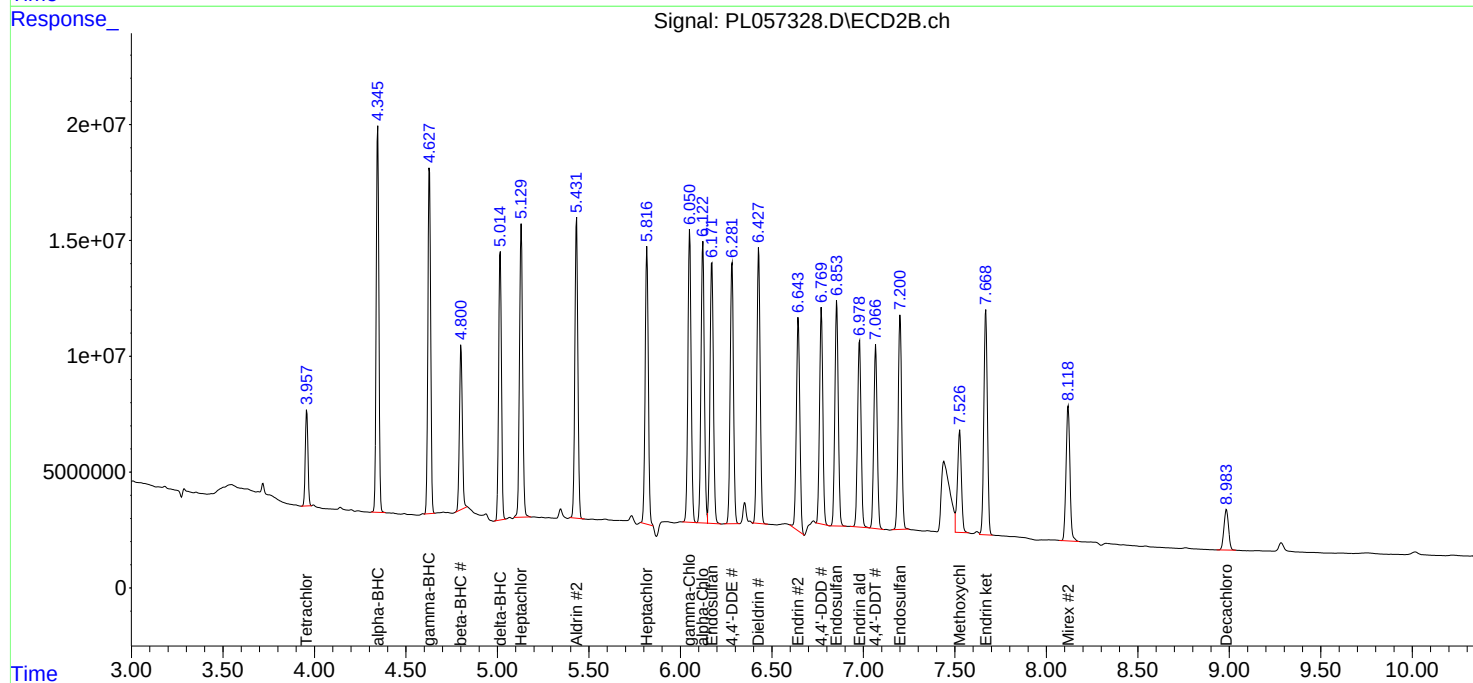
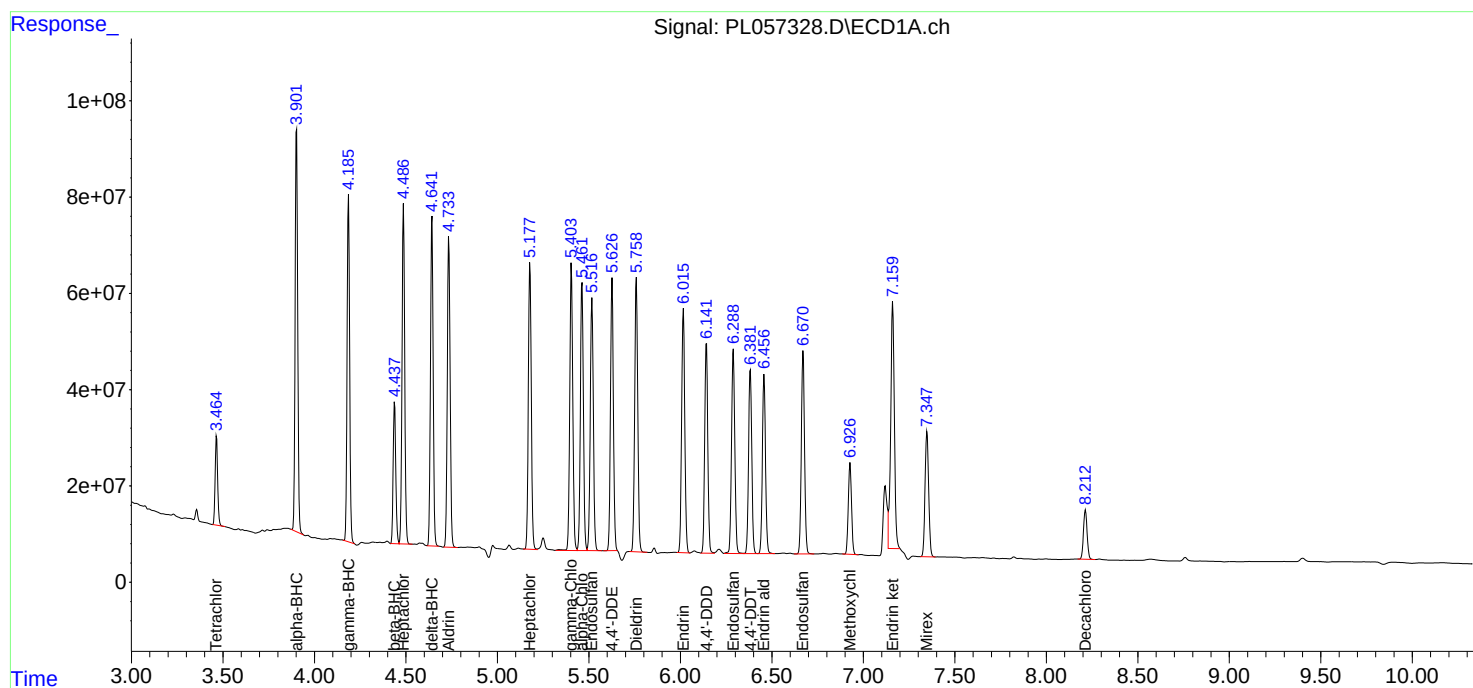
Instrument :
ECD_L
ClientSampled :
PB127480BSD

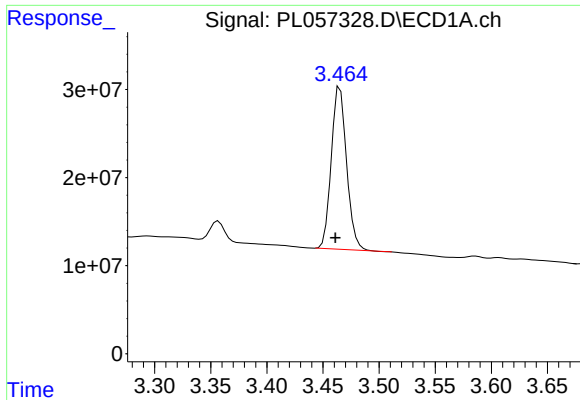
Manual Integrations
APPROVED

mohammad
3/17/2020 2:40:04 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 14 00:46:20 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030320.M
Quant Title : GC Extractables
QLast Update : Wed Mar 11 17:44:01 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





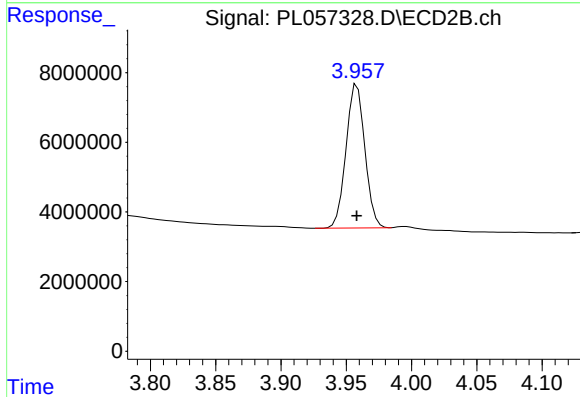
#1 Tetrachloro-m-xylene

R.T.: 3.465 min
Delta R.T.: 0.004 min
Response: 174129385
Conc: 20.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127480BSD

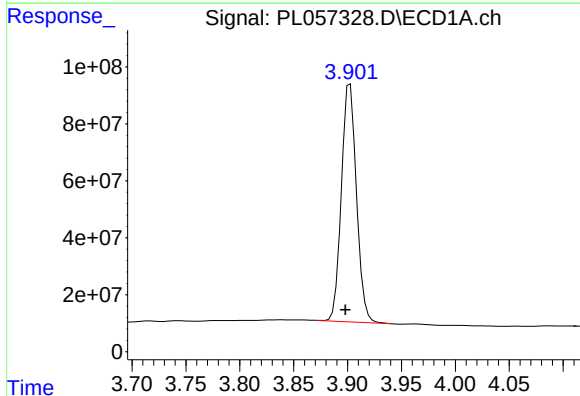
Manual Integrations
APPROVED

mohammad
3/17/2020 2:40:04 PM



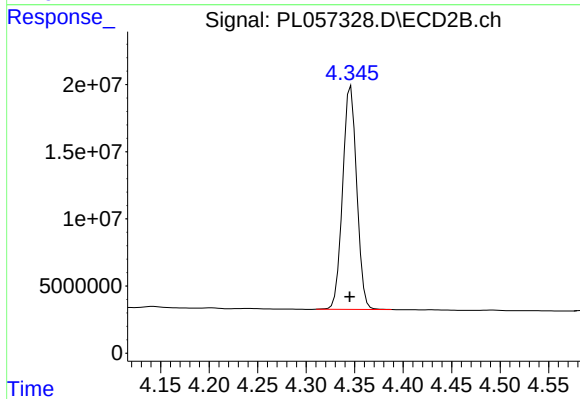
#1 Tetrachloro-m-xylene

R.T.: 3.958 min
Delta R.T.: 0.000 min
Response: 41336414
Conc: 19.37 ng/ml



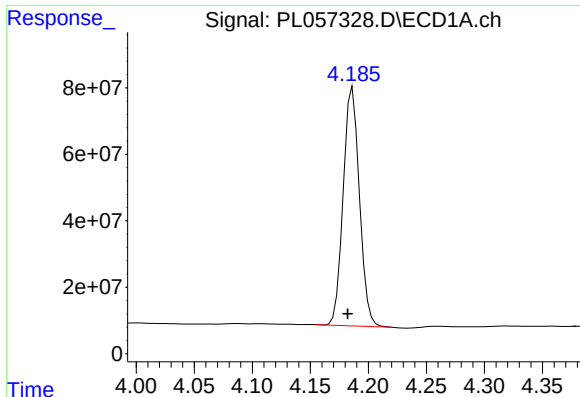
#2 alpha-BHC

R.T.: 3.902 min
Delta R.T.: 0.004 min
Response: 811989984
Conc: 54.79 ng/ml



#2 alpha-BHC

R.T.: 4.346 min
Delta R.T.: 0.001 min
Response: 167796116
Conc: 53.12 ng/ml



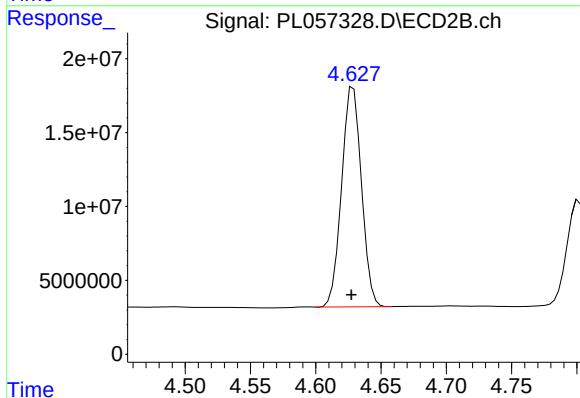
#3 gamma-BHC (Lindane)

R.T.: 4.187 min
Delta R.T.: 0.004 min
Response: 697726295
Conc: 50.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127480BSD

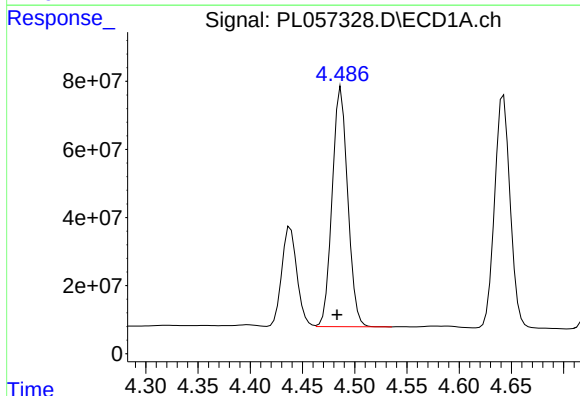
Manual Integrations
APPROVED

mohammad
3/17/2020 2:40:04 PM



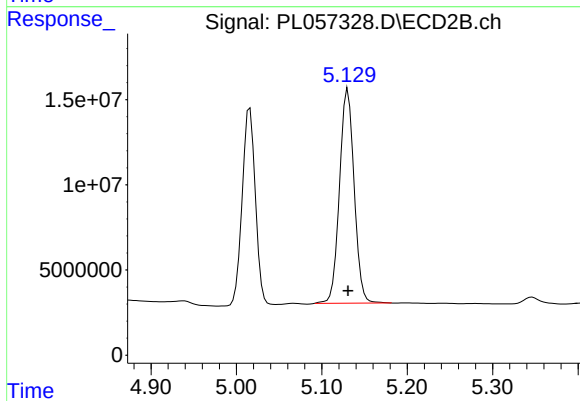
#3 gamma-BHC (Lindane)

R.T.: 4.629 min
Delta R.T.: 0.001 min
Response: 157348196
Conc: 50.61 ng/ml



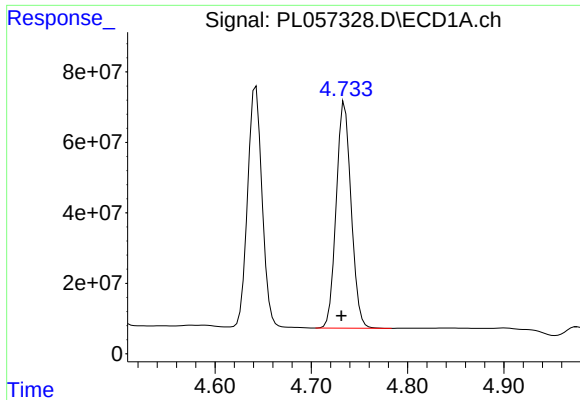
#4 Heptachlor

R.T.: 4.487 min
Delta R.T.: 0.004 min
Response: 727667857
Conc: 53.57 ng/ml



#4 Heptachlor

R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 149891736
Conc: 48.16 ng/ml



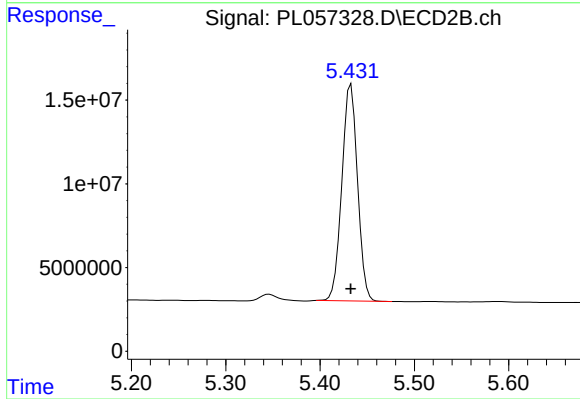
#5 Aldrin

R.T.: 4.735 min
Delta R.T.: 0.004 min
Response: 690809183
Conc: 53.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127480BSD

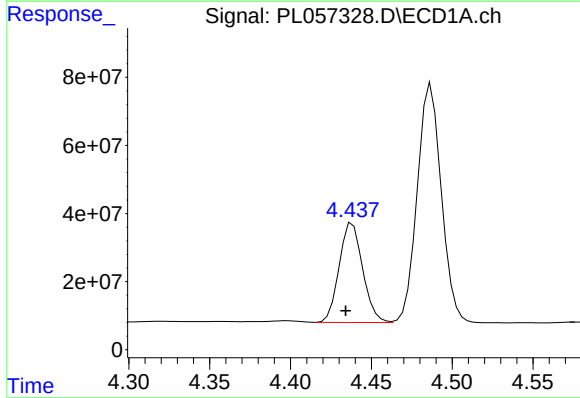
Manual Integrations
APPROVED

mohammad
3/17/2020 2:40:04 PM



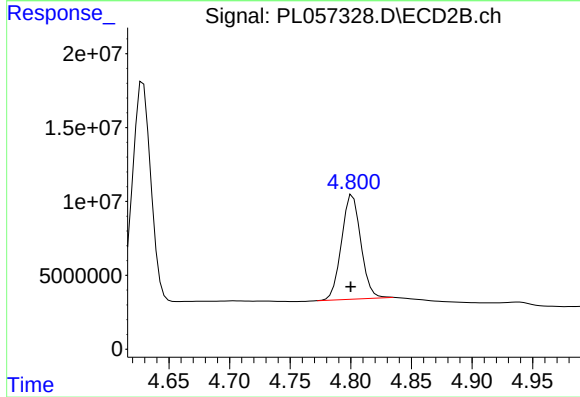
#5 Aldrin

R.T.: 5.433 min
Delta R.T.: 0.000 min
Response: 149525976
Conc: 50.02 ng/ml



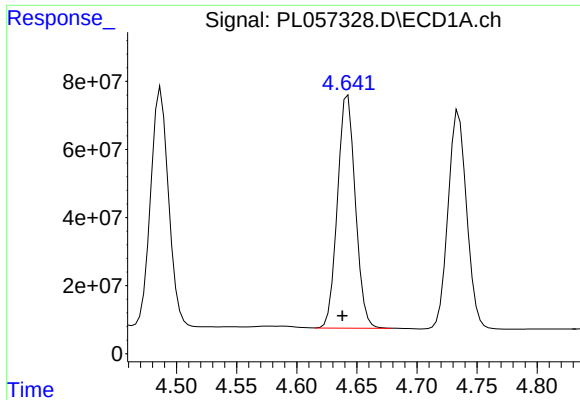
#6 beta-BHC

R.T.: 4.438 min
Delta R.T.: 0.004 min
Response: 295123281
Conc: 55.71 ng/ml



#6 beta-BHC

R.T.: 4.801 min
Delta R.T.: 0.002 min
Response: 78759204
Conc: 55.88 ng/ml



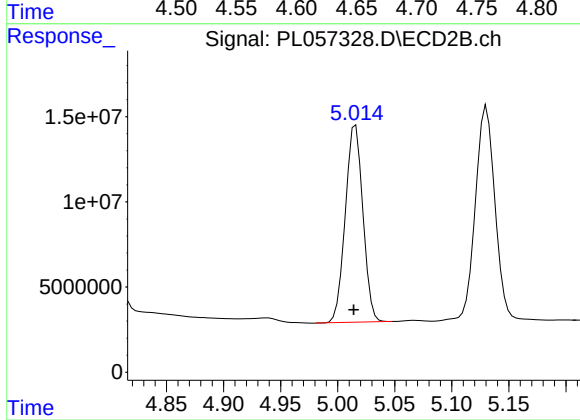
#7 delta-BHC

R.T.: 4.641 min
Delta R.T.: 0.003 min
Response: 708316422
Conc: 54.29 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PB127480BSD

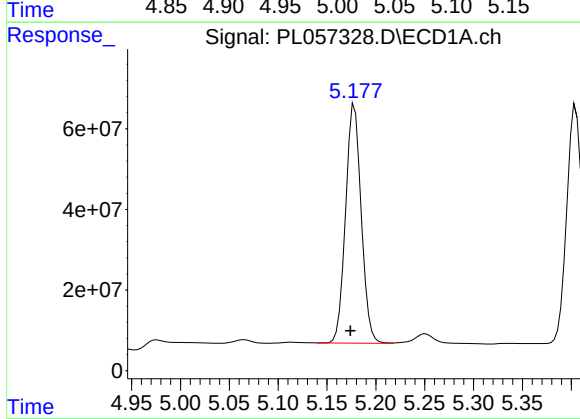
Manual Integrations
APPROVED

mohammad
3/17/2020 2:40:04 PM



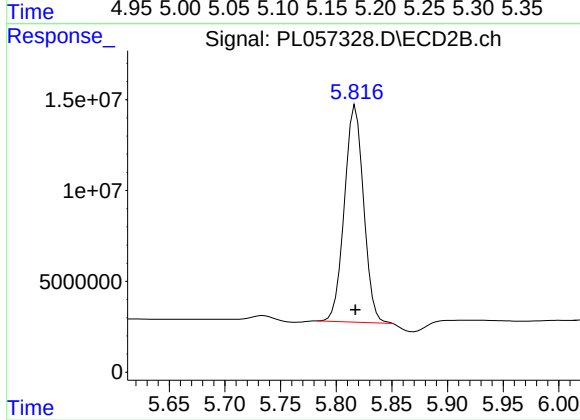
#7 delta-BHC

R.T.: 5.016 min
Delta R.T.: 0.002 min
Response: 123973866
Conc: 50.92 ng/ml



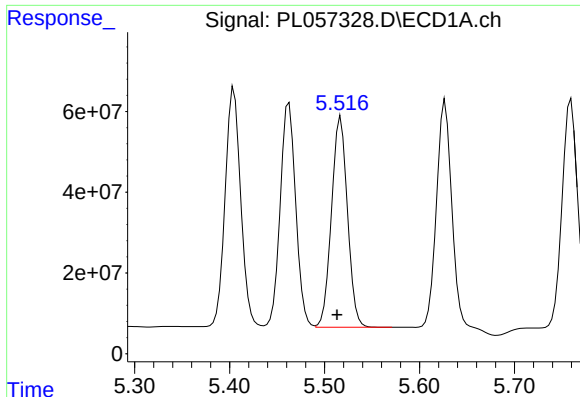
#8 Heptachlor epoxide

R.T.: 5.178 min
Delta R.T.: 0.004 min
Response: 660685810
Conc: 54.60 ng/ml



#8 Heptachlor epoxide

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 143193003
Conc: 51.67 ng/ml



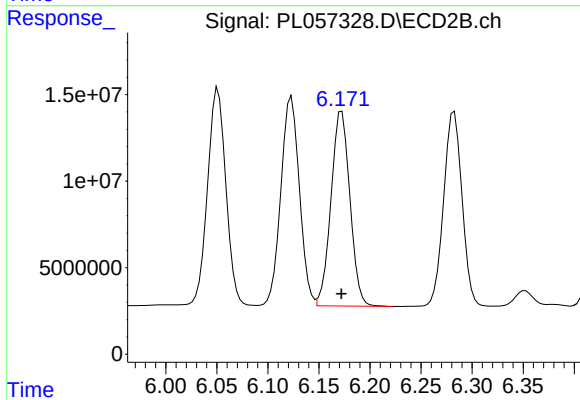
#9 Endosulfan I

R.T.: 5.517 min
Delta R.T.: 0.004 min
Response: 609342813
Conc: 53.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127480BSD

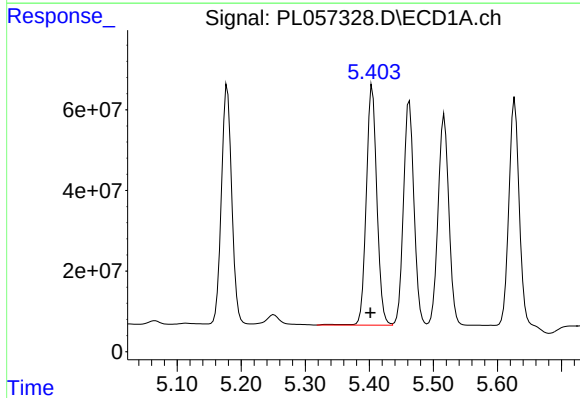
Manual Integrations
APPROVED

mohammad
3/17/2020 2:40:04 PM



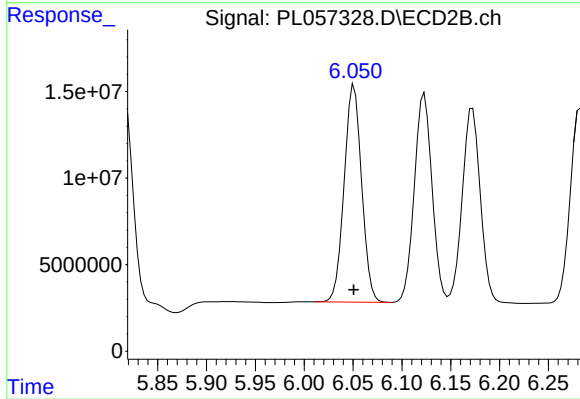
#9 Endosulfan I

R.T.: 6.172 min
Delta R.T.: 0.000 min
Response: 145368109
Conc: 52.04 ng/ml



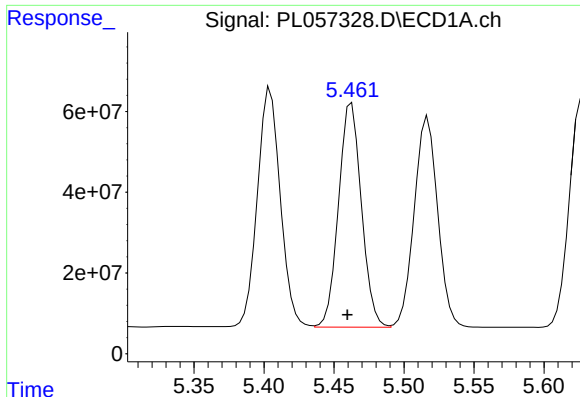
#10 gamma-Chlordane

R.T.: 5.405 min
Delta R.T.: 0.003 min
Response: 681096904
Conc: 54.84 ng/ml



#10 gamma-Chlordane

R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 156295729
Conc: 52.21 ng/ml



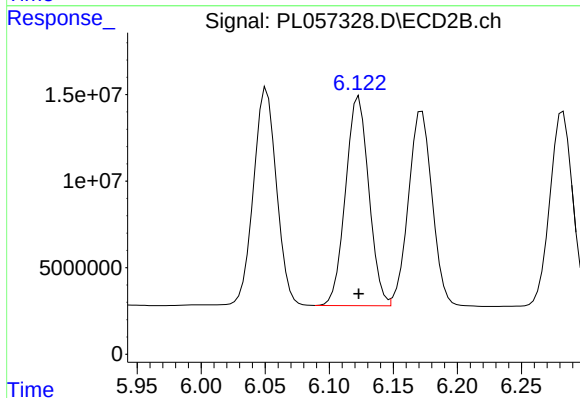
#11 alpha-Chlordane

R.T.: 5.463 min
Delta R.T.: 0.003 min
Response: 631676795
Conc: 51.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127480BSD

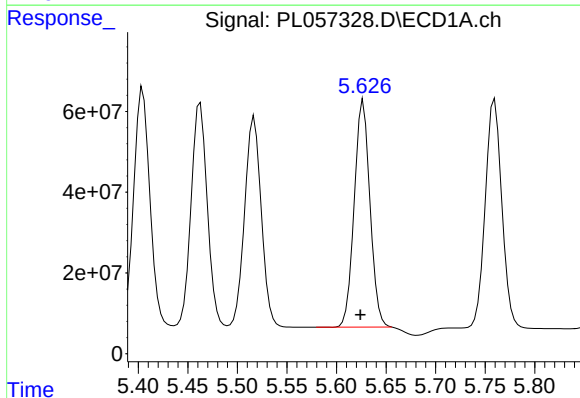
Manual Integrations
APPROVED

mohammad
3/17/2020 2:40:04 PM



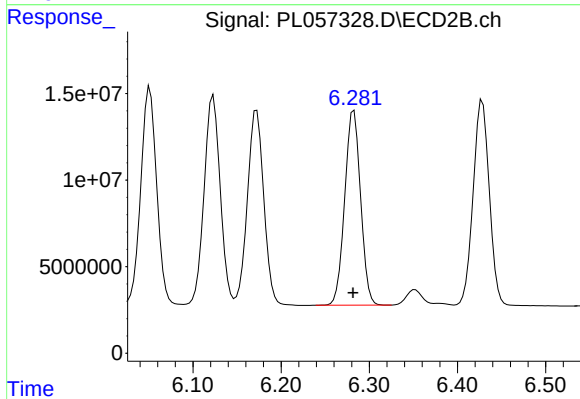
#11 alpha-Chlordane

R.T.: 6.123 min
Delta R.T.: 0.000 min
Response: 152795461
Conc: 50.69 ng/ml



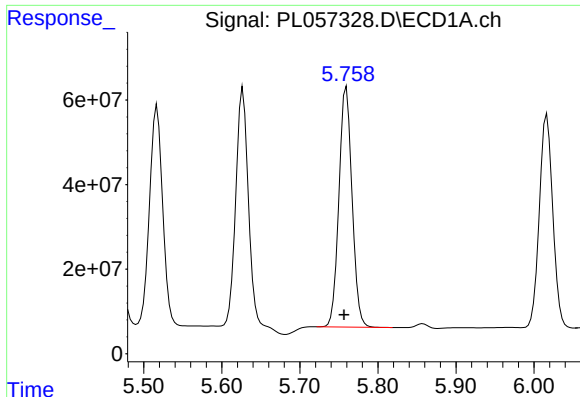
#12 4,4'-DDE

R.T.: 5.627 min
Delta R.T.: 0.003 min
Response: 622839261
Conc: 53.15 ng/ml



#12 4,4'-DDE

R.T.: 6.283 min
Delta R.T.: 0.000 min
Response: 140638564
Conc: 49.56 ng/ml



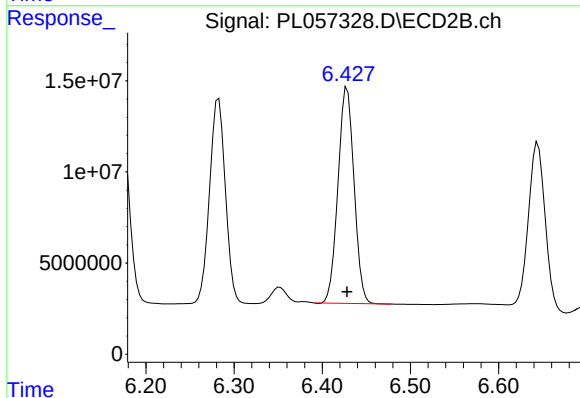
#13 Dieldrin

R.T.: 5.760 min
Delta R.T.: 0.003 min
Response: 662407630
Conc: 54.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127480BSD

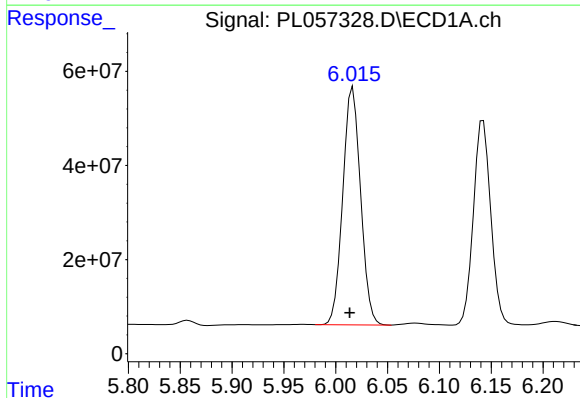
Manual Integrations
APPROVED

mohammad
3/17/2020 2:40:04 PM



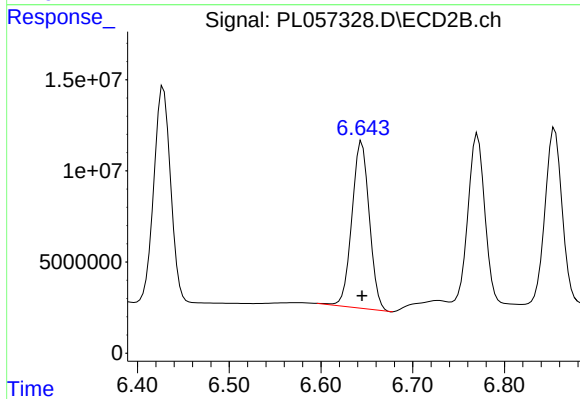
#13 Dieldrin

R.T.: 6.428 min
Delta R.T.: 0.000 min
Response: 150068639
Conc: 50.99 ng/ml



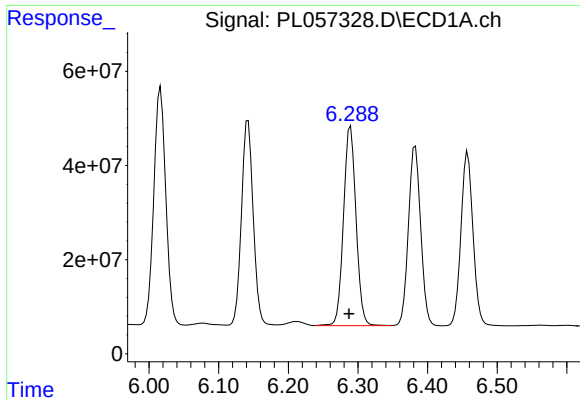
#14 Endrin

R.T.: 6.017 min
Delta R.T.: 0.003 min
Response: 603469817
Conc: 55.47 ng/ml



#14 Endrin

R.T.: 6.645 min
Delta R.T.: 0.000 min
Response: 121191279
Conc: 47.00 ng/ml



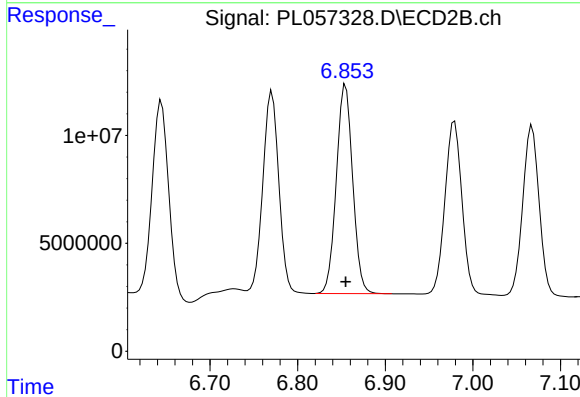
#15 Endosulfan II

R.T.: 6.289 min
Delta R.T.: 0.002 min
Response: 528953463
Conc: 48.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127480BSD

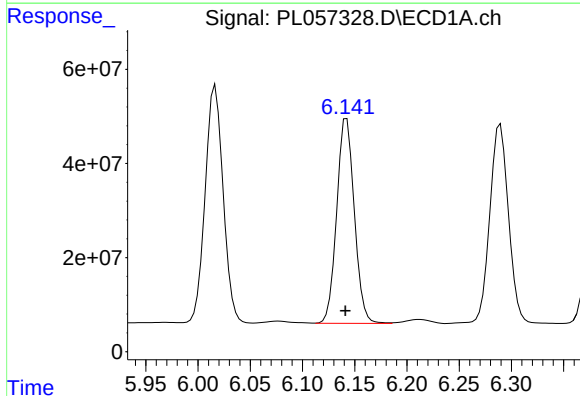
Manual Integrations
APPROVED

mohammad
3/17/2020 2:40:04 PM



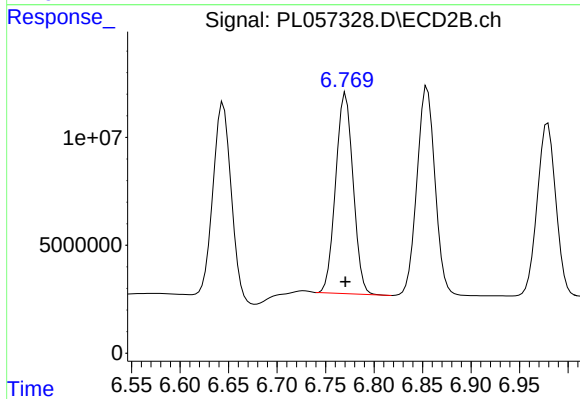
#15 Endosulfan II

R.T.: 6.855 min
Delta R.T.: 0.000 min
Response: 125646094
Conc: 44.78 ng/ml



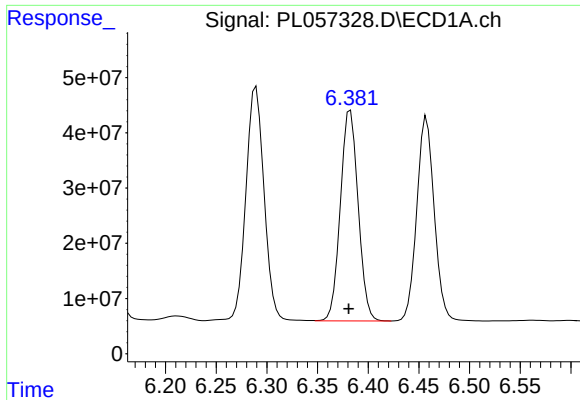
#16 4,4'-DDD

R.T.: 6.142 min
Delta R.T.: 0.001 min
Response: 509722150
Conc: 52.65 ng/ml



#16 4,4'-DDD

R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 116320796
Conc: 47.75 ng/ml



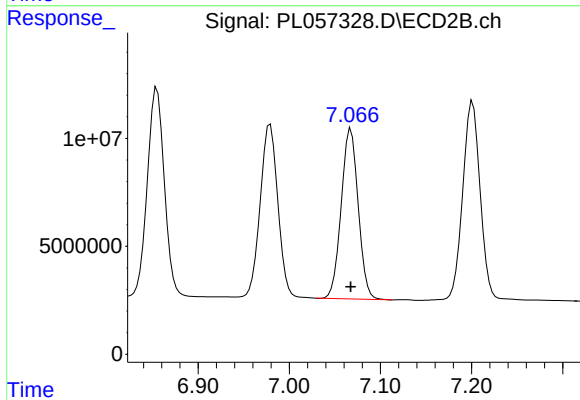
#17 4,4'-DDT

R.T.: 6.382 min
Delta R.T.: 0.002 min
Response: 464883975
Conc: 47.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127480BSD

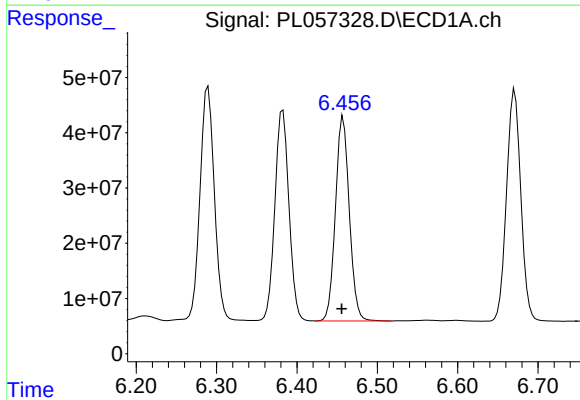
Manual Integrations
APPROVED

mohammad
3/17/2020 2:40:04 PM



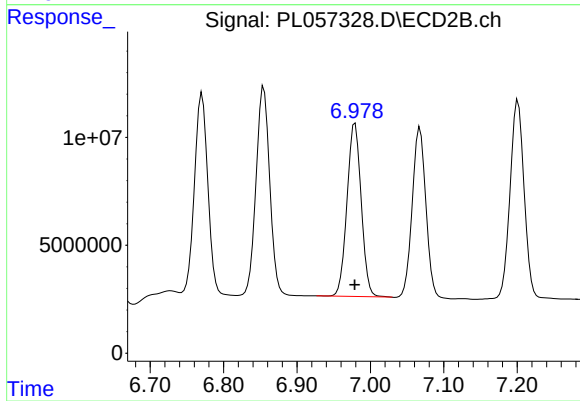
#17 4,4'-DDT

R.T.: 7.068 min
Delta R.T.: 0.000 min
Response: 102288028
Conc: 41.58 ng/ml



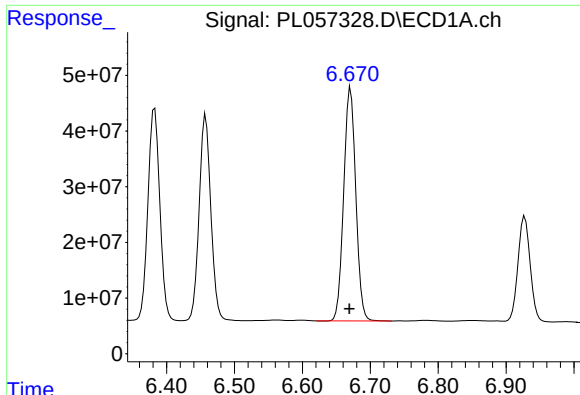
#18 Endrin aldehyde

R.T.: 6.458 min
Delta R.T.: 0.002 min
Response: 443875553
Conc: 49.62 ng/ml



#18 Endrin aldehyde

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 108213033
Conc: 46.70 ng/ml



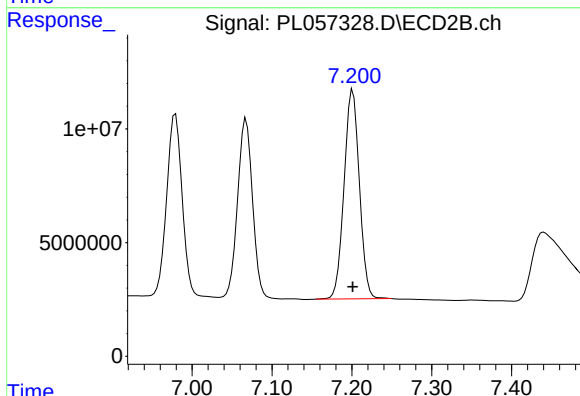
#19 Endosulfan Sulfate

R.T.: 6.671 min
Delta R.T.: 0.002 min
Response: 518908470
Conc: 51.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127480BSD

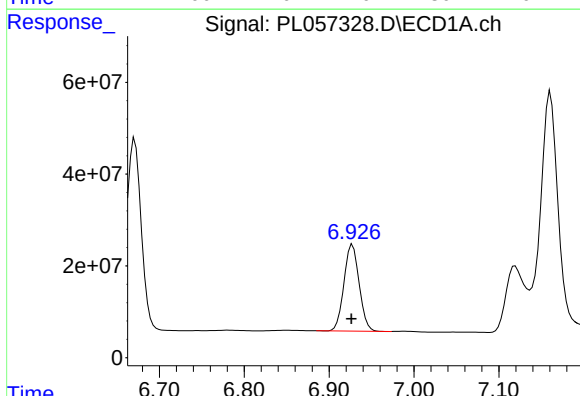
Manual Integrations
APPROVED

mohammad
3/17/2020 2:40:04 PM



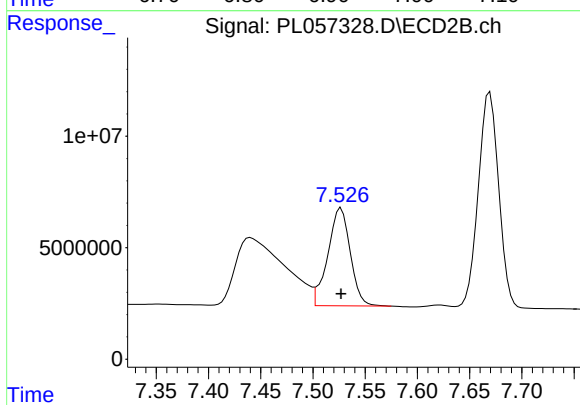
#19 Endosulfan Sulfate

R.T.: 7.201 min
Delta R.T.: 0.000 min
Response: 122496577
Conc: 48.84 ng/ml



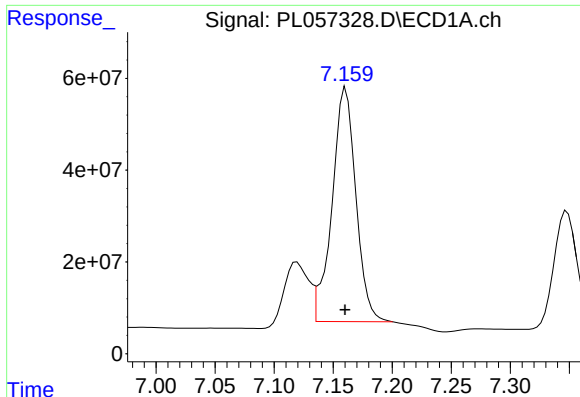
#20 Methoxychlor

R.T.: 6.928 min
Delta R.T.: 0.001 min
Response: 234277990
Conc: 46.99 ng/ml



#20 Methoxychlor

R.T.: 7.527 min
Delta R.T.: 0.000 min
Response: 65609277
Conc: 52.52 ng/ml



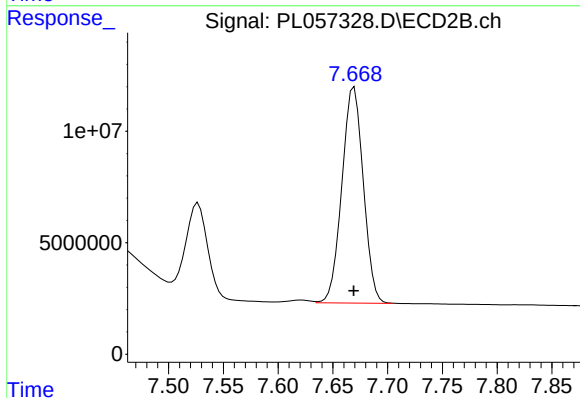
#21 Endrin ketone

R.T.: 7.159 min
Delta R.T.: 0.000 min
Response: 710495267
Conc: 62.92 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PB127480BSD

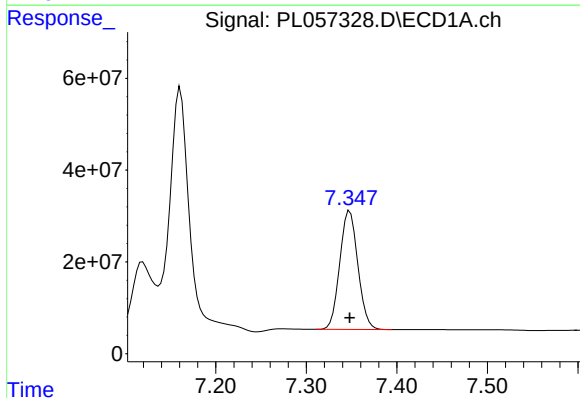
Manual Integrations
APPROVED

mohammad
3/17/2020 2:40:04 PM



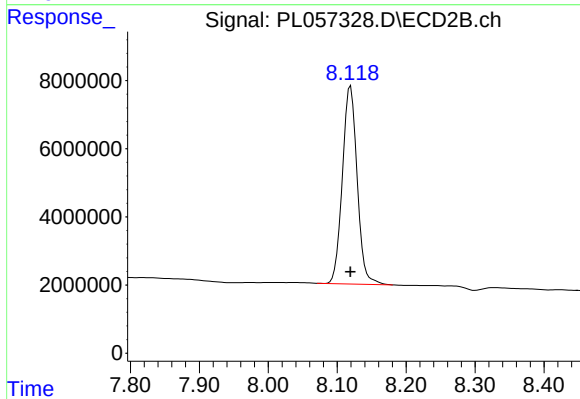
#21 Endrin ketone

R.T.: 7.668 min
Delta R.T.: -0.001 min
Response: 131883205
Conc: 48.13 ng/ml m



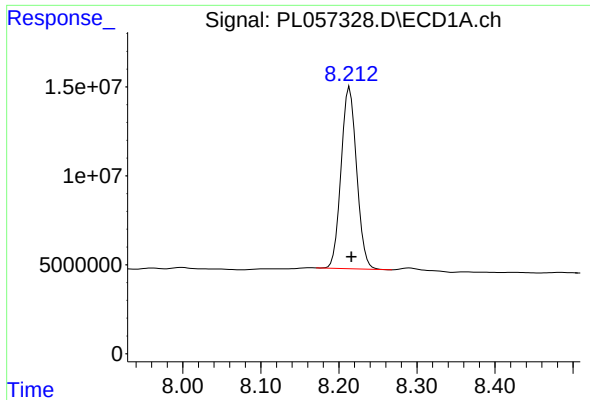
#22 Mirex

R.T.: 7.348 min
Delta R.T.: 0.000 min
Response: 359546301
Conc: 44.37 ng/ml



#22 Mirex

R.T.: 8.119 min
Delta R.T.: 0.000 min
Response: 86601096
Conc: 45.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.214 min

Delta R.T.: -0.002 min

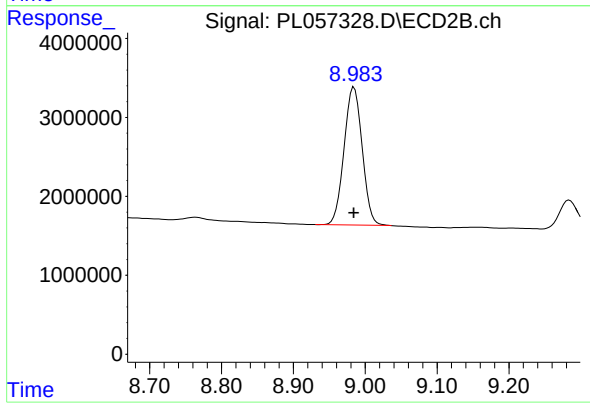
Response: 141225460

Conc: 14.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB127480BSD

Manual Integrations
APPROVED

mohammad
3/17/2020 2:40:04 PM



#28 Decachlorobiphenyl

R.T.: 8.984 min

Delta R.T.: 0.000 min

Response: 30614185

Conc: 14.41 ng/ml