

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050820\
 Data File : PL058592.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 May 2020 13:00
 Operator : AJ\MA
 Sample : PB128736BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB128736BS

Manual Integrations
 APPROVED

mohammad
 5/11/2020 11:43:12 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 09 00:22:45 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042820.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 29 00:55:33 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...	3.463	3.953	182.1E6	40812520	17.110	18.882
28)	SA Decachlor...	8.210	8.978	197.8E6	39486351	18.293	17.796
Target Compounds							
2)	A alpha-BHC	3.900	4.341	791.7E6	161.6E6	43.227	48.788
3)	MA gamma-BHC...	4.184	4.622	744.8E6	157.2E6	43.146	47.509m
4)	MA Heptachlor	4.484	5.125	794.9E6	167.4E6	44.984	48.453
5)	MB Aldrin	4.732	5.427	757.7E6	163.2E6	45.683	48.283
6)	B beta-BHC	4.437	4.798	328.4E6	75026076	45.946	51.493
7)	B delta-BHC	4.641	5.011	734.4E6	145.2E6	43.231	57.744 #
8)	B Heptachlo...	5.175	5.812	721.6E6	148.4E6	47.509	46.356
9)	A Endosulfan I	5.514	6.167	649.9E6	147.0E6	46.038	47.512
10)	B gamma-Chl...	5.402	6.046	740.1E6	162.9E6	48.063	48.245
11)	B alpha-Chl...	5.460	6.118	705.5E6	158.3E6	46.518	46.556
12)	B 4,4'-DDE	5.624	6.277	714.3E6	144.6E6	47.243	47.412
13)	MA Dieldrin	5.757	6.422	731.5E6	148.2E6	49.061	47.340
14)	MA Endrin	6.013	6.639	606.3E6	112.2E6	44.601	43.651
15)	B Endosulfa...	6.287	6.850	583.5E6	118.6E6	46.119	44.493
16)	A 4,4'-DDD	6.140	6.766	574.5E6	109.2E6	48.993	48.064
17)	MA 4,4'-DDT	6.379	7.063	541.8E6	94833736	46.435	43.310
18)	B Endrin al...	6.455	6.974	513.7E6	98925857	48.429	45.374
19)	B Endosulfa...	6.668	7.197	579.5E6	108.8E6	49.960	45.988
20)	A Methoxychlor	6.924	7.523	276.8E6	52061255	46.583	42.004
21)	B Endrin ke...	7.158	7.665	633.6E6	118.1E6	53.477	48.439
22)	Mirex	7.345	8.113	426.6E6	86783839	48.215	45.445

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050820\
Data File : PL058592.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 May 2020 13:00
Operator : AJ\MA
Sample : PB128736BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

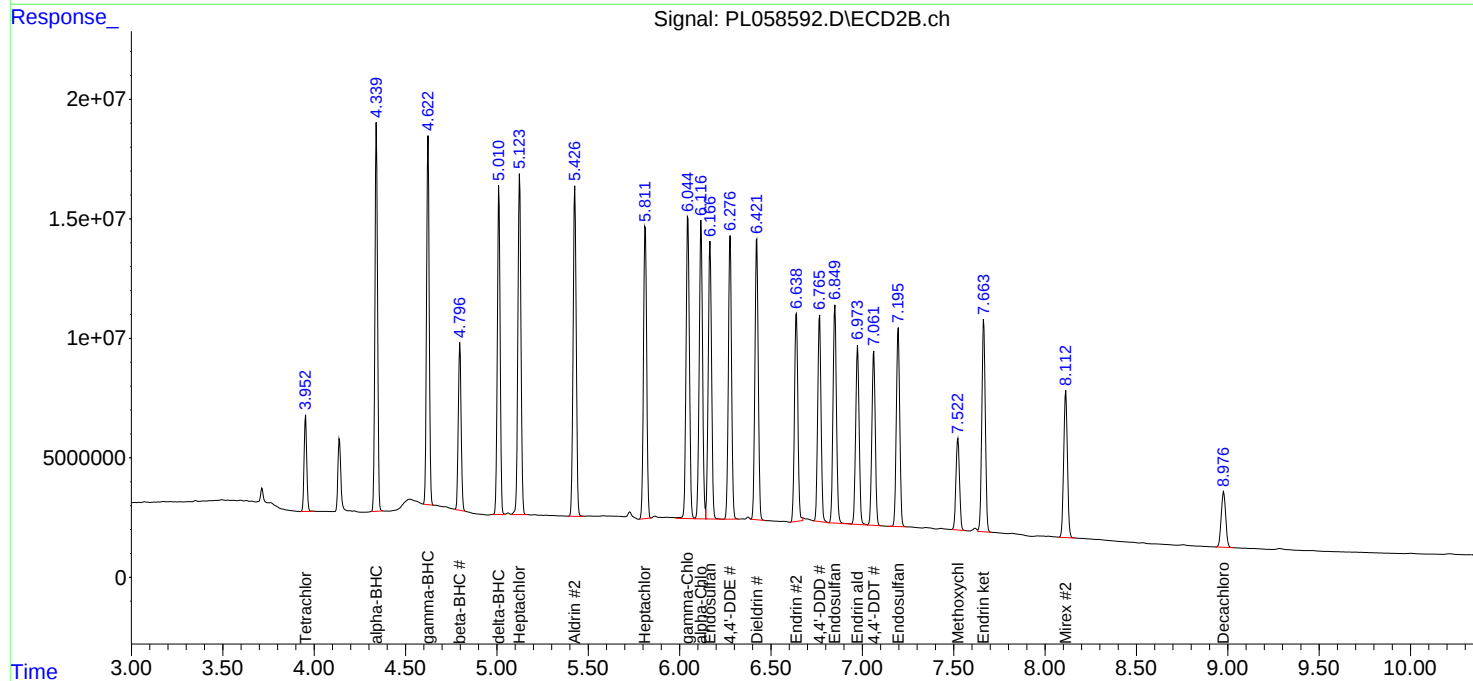
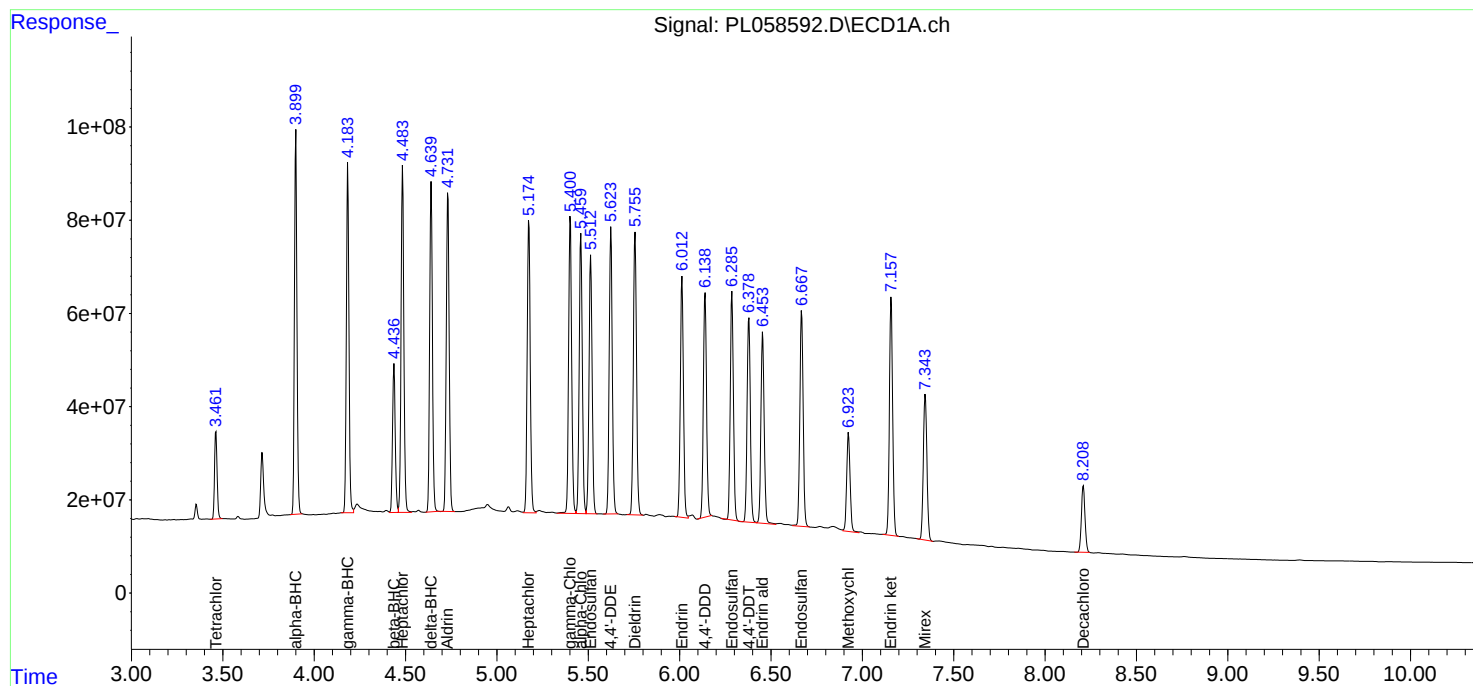
Instrument :
ECD_L
ClientSampled :
PB128736BS

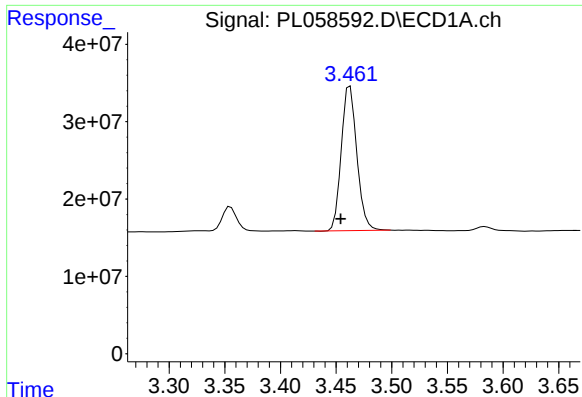
Manual Integrations
APPROVED

mohammad
5/11/2020 11:43:12 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 09 00:22:45 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042820.M
Quant Title : GC Extractables
QLast Update : Wed Apr 29 00:55:33 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





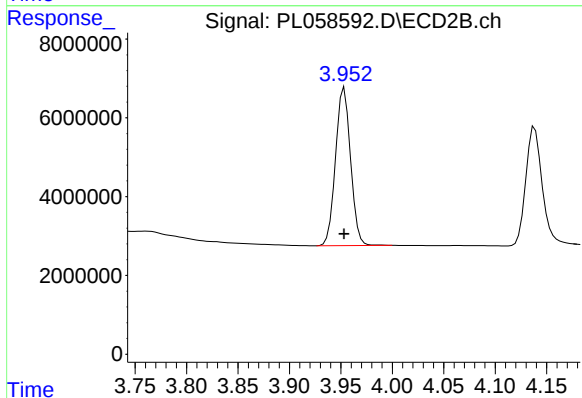
#1 Tetrachloro-m-xylene

R.T.: 3.463 min
Delta R.T.: 0.009 min
Response: 182086623
Conc: 17.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB128736BS

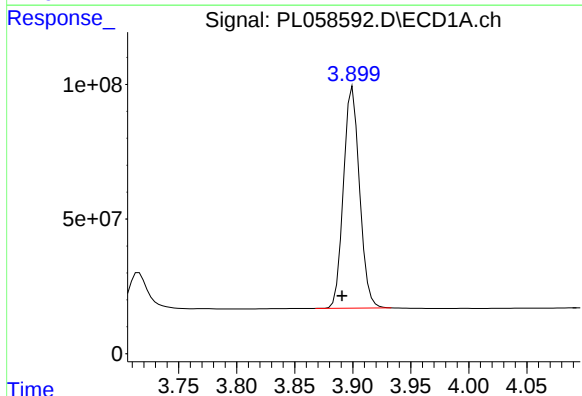
Manual Integrations
APPROVED

mohammad
5/11/2020 11:43:12 AM



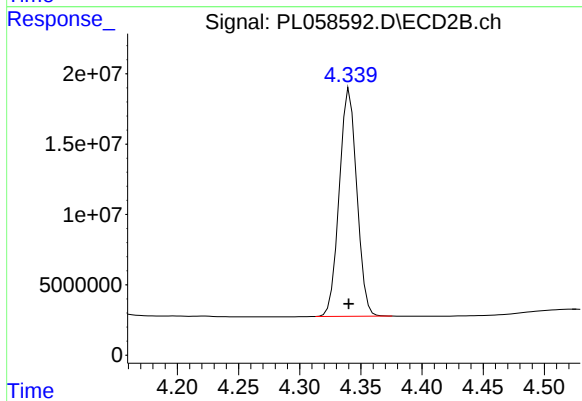
#1 Tetrachloro-m-xylene

R.T.: 3.953 min
Delta R.T.: 0.000 min
Response: 40812520
Conc: 18.88 ng/ml



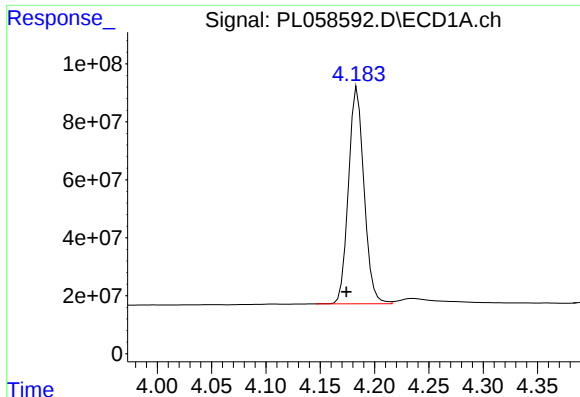
#2 alpha-BHC

R.T.: 3.900 min
Delta R.T.: 0.009 min
Response: 791651018
Conc: 43.23 ng/ml



#2 alpha-BHC

R.T.: 4.341 min
Delta R.T.: 0.000 min
Response: 161569209
Conc: 48.79 ng/ml



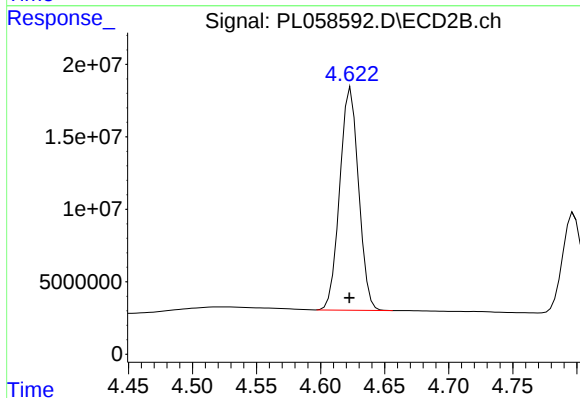
#3 gamma-BHC (Lindane)

R.T.: 4.184 min
Delta R.T.: 0.010 min
Response: 744823294
Conc: 43.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB128736BS

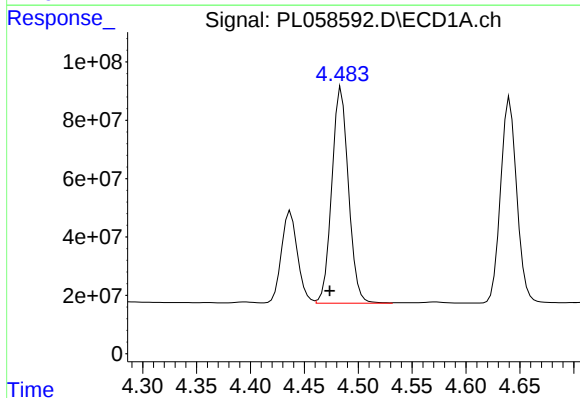
Manual Integrations
APPROVED

mohammad
5/11/2020 11:43:12 AM



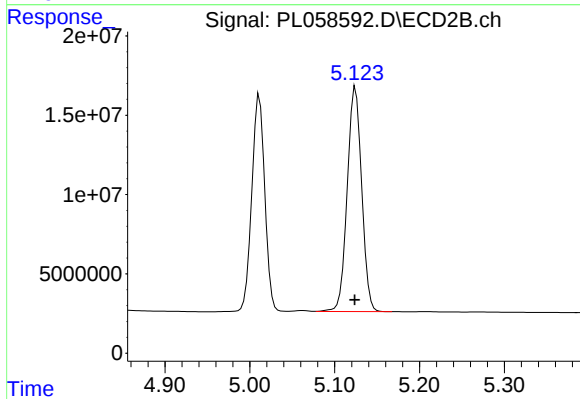
#3 gamma-BHC (Lindane)

R.T.: 4.622 min
Delta R.T.: 0.000 min
Response: 157186792
Conc: 47.51 ng/ml m



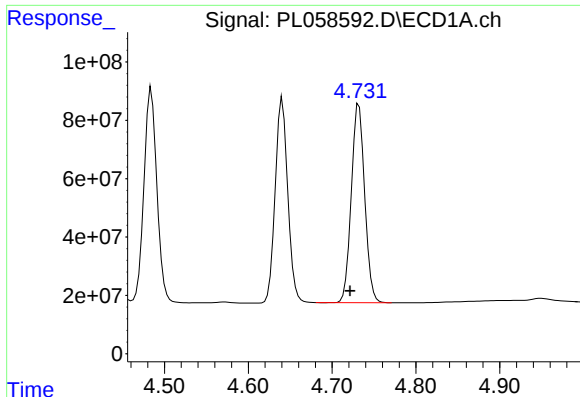
#4 Heptachlor

R.T.: 4.484 min
Delta R.T.: 0.011 min
Response: 794867185
Conc: 44.98 ng/ml



#4 Heptachlor

R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 167372395
Conc: 48.45 ng/ml



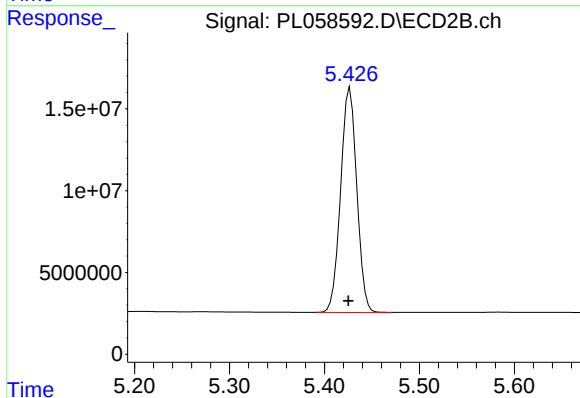
#5 Aldrin

R.T.: 4.732 min
Delta R.T.: 0.010 min
Response: 757713791
Conc: 45.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB128736BS

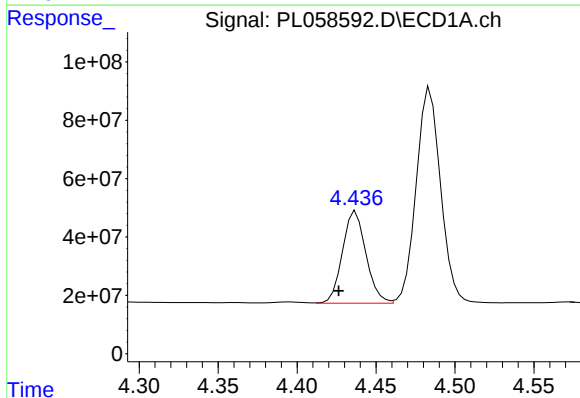
Manual Integrations
APPROVED

mohammad
5/11/2020 11:43:12 AM



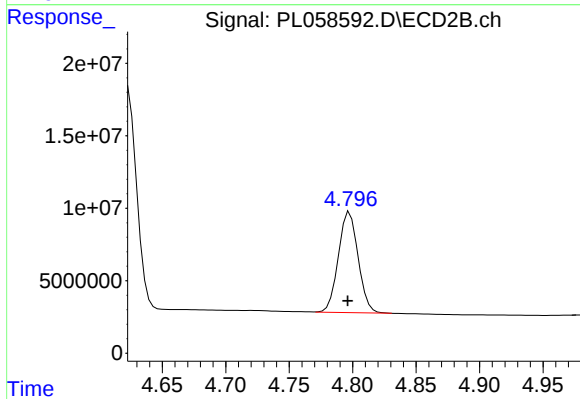
#5 Aldrin

R.T.: 5.427 min
Delta R.T.: 0.002 min
Response: 163171088
Conc: 48.28 ng/ml



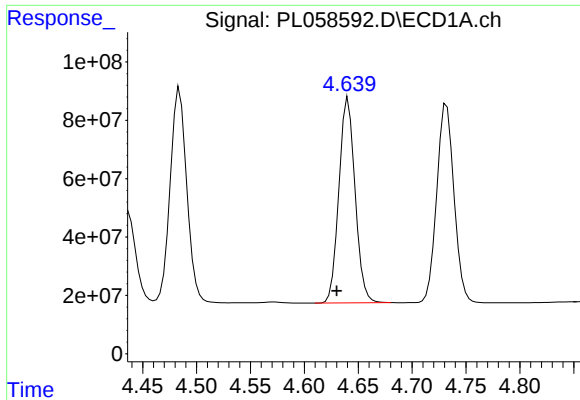
#6 beta-BHC

R.T.: 4.437 min
Delta R.T.: 0.011 min
Response: 328367465
Conc: 45.95 ng/ml



#6 beta-BHC

R.T.: 4.798 min
Delta R.T.: 0.002 min
Response: 75026076
Conc: 51.49 ng/ml



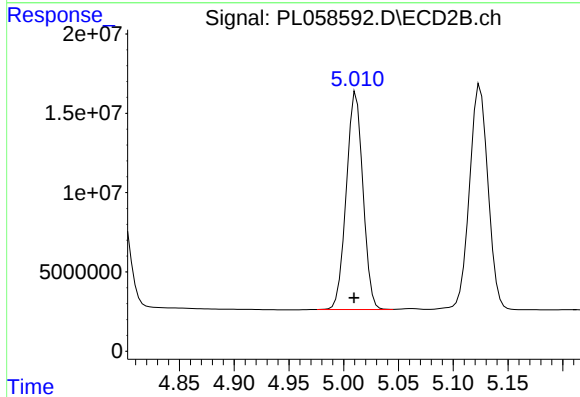
#7 delta-BHC

R.T.: 4.641 min
Delta R.T.: 0.011 min
Response: 734446551
Conc: 43.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB128736BS

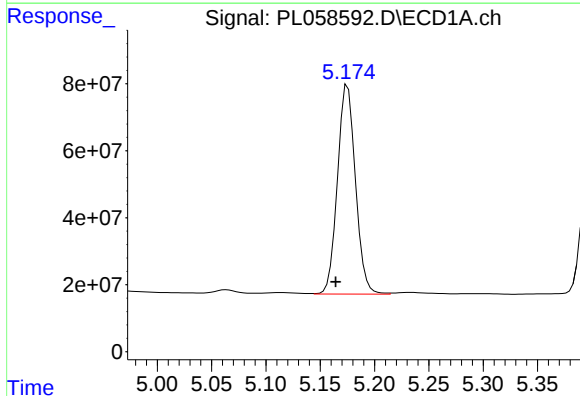
Manual Integrations
APPROVED

mohammad
5/11/2020 11:43:12 AM



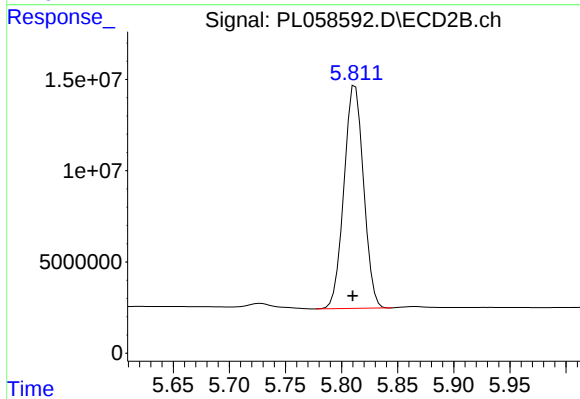
#7 delta-BHC

R.T.: 5.011 min
Delta R.T.: 0.002 min
Response: 145174876
Conc: 57.74 ng/ml



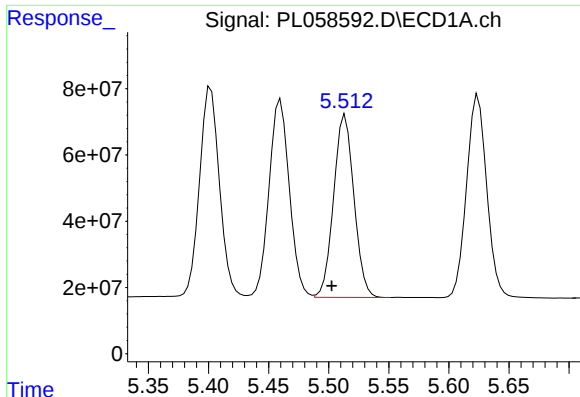
#8 Heptachlor epoxide

R.T.: 5.175 min
Delta R.T.: 0.011 min
Response: 721597070
Conc: 47.51 ng/ml



#8 Heptachlor epoxide

R.T.: 5.812 min
Delta R.T.: 0.002 min
Response: 148422177
Conc: 46.36 ng/ml



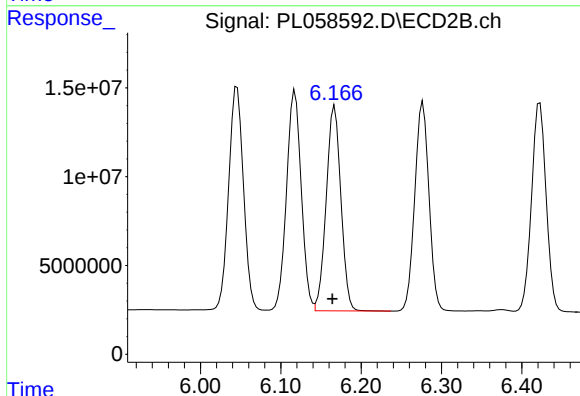
#9 Endosulfan I

R.T.: 5.514 min
Delta R.T.: 0.011 min
Response: 649888091
Conc: 46.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB128736BS

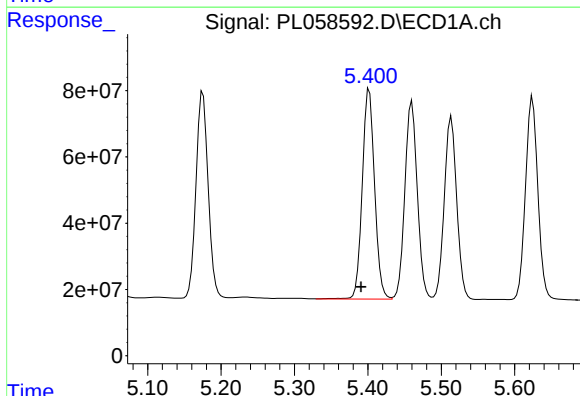
Manual Integrations
APPROVED

mohammad
5/11/2020 11:43:12 AM



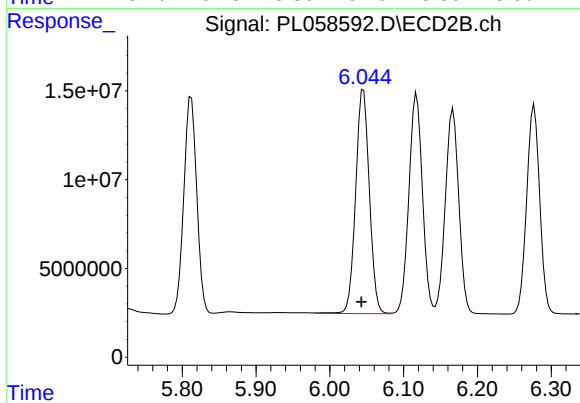
#9 Endosulfan I

R.T.: 6.167 min
Delta R.T.: 0.003 min
Response: 146953236
Conc: 47.51 ng/ml



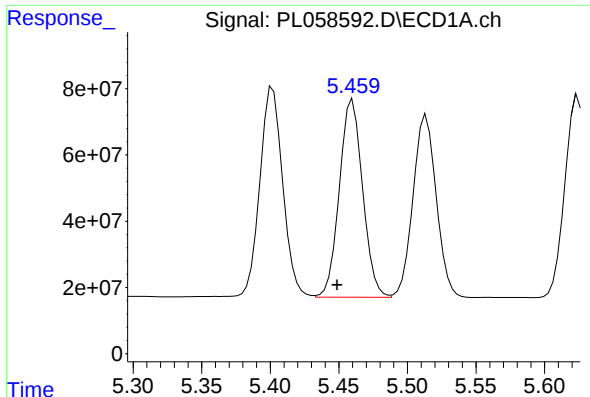
#10 gamma-Chlordane

R.T.: 5.402 min
Delta R.T.: 0.011 min
Response: 740086480
Conc: 48.06 ng/ml



#10 gamma-Chlordane

R.T.: 6.046 min
Delta R.T.: 0.003 min
Response: 162859789
Conc: 48.25 ng/ml



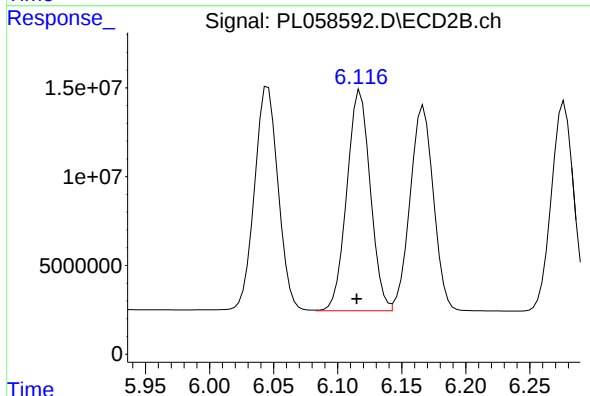
#11 alpha-Chlordane

R.T.: 5.460 min
Delta R.T.: 0.011 min
Response: 705463978
Conc: 46.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB128736BS

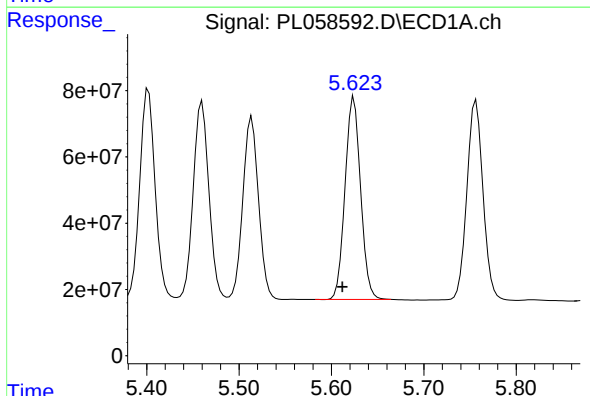
Manual Integrations
APPROVED

mohammad
5/11/2020 11:43:12 AM



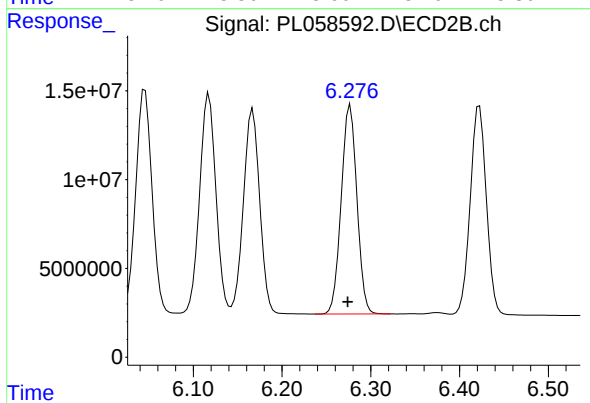
#11 alpha-Chlordane

R.T.: 6.118 min
Delta R.T.: 0.003 min
Response: 158315849
Conc: 46.56 ng/ml



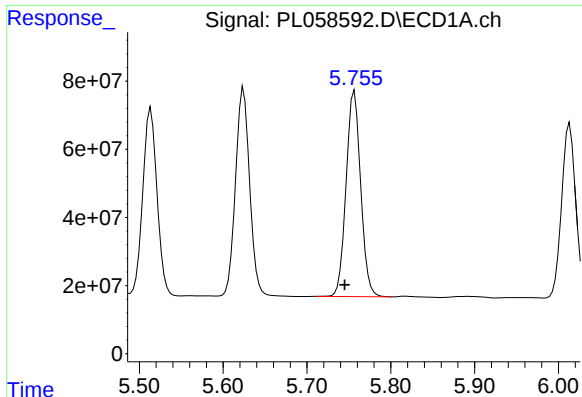
#12 4,4'-DDE

R.T.: 5.624 min
Delta R.T.: 0.013 min
Response: 714310152
Conc: 47.24 ng/ml



#12 4,4'-DDE

R.T.: 6.277 min
Delta R.T.: 0.003 min
Response: 144626602
Conc: 47.41 ng/ml



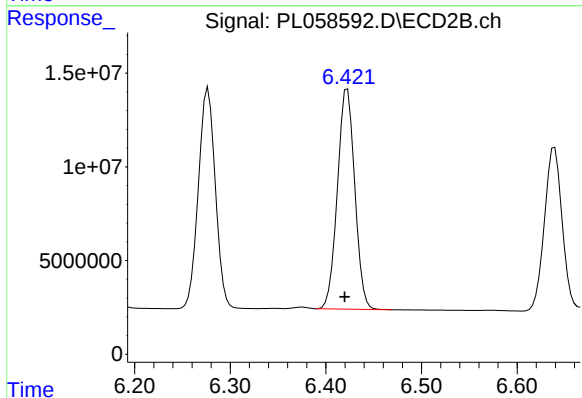
#13 Dieldrin

R.T.: 5.757 min
Delta R.T.: 0.012 min
Response: 731466945
Conc: 49.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB128736BS

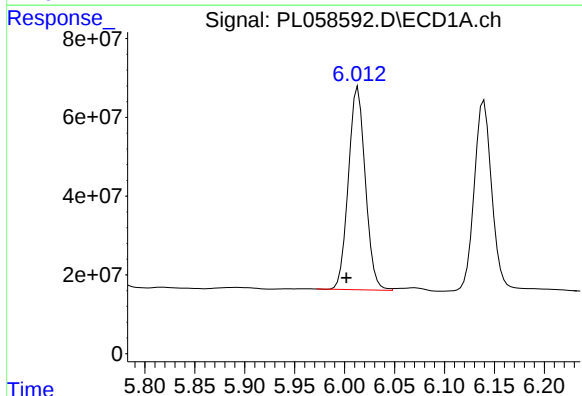
Manual Integrations
APPROVED

mohammad
5/11/2020 11:43:12 AM



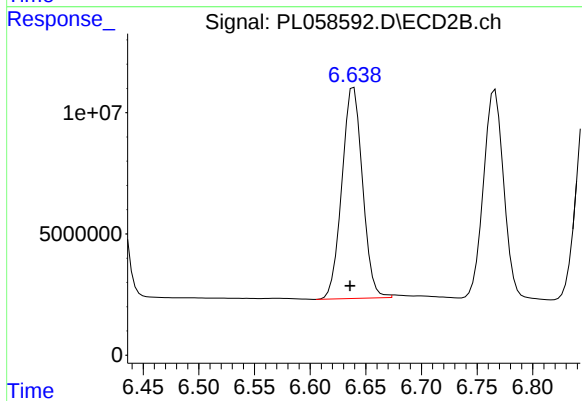
#13 Dieldrin

R.T.: 6.422 min
Delta R.T.: 0.003 min
Response: 148166931
Conc: 47.34 ng/ml



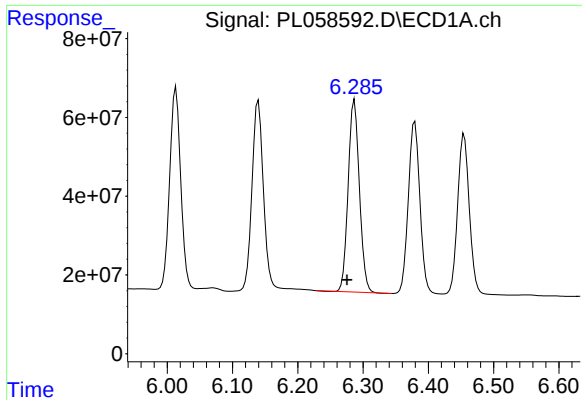
#14 Endrin

R.T.: 6.013 min
Delta R.T.: 0.012 min
Response: 606290153
Conc: 44.60 ng/ml



#14 Endrin

R.T.: 6.639 min
Delta R.T.: 0.003 min
Response: 112228074
Conc: 43.65 ng/ml



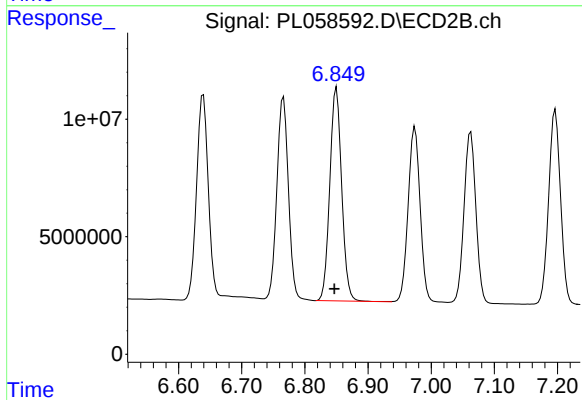
#15 Endosulfan II

R.T.: 6.287 min
Delta R.T.: 0.011 min
Response: 583513245
Conc: 46.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB128736BS

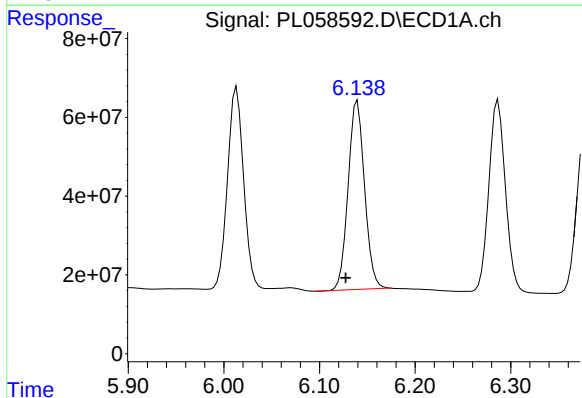
Manual Integrations
APPROVED

mohammad
5/11/2020 11:43:12 AM



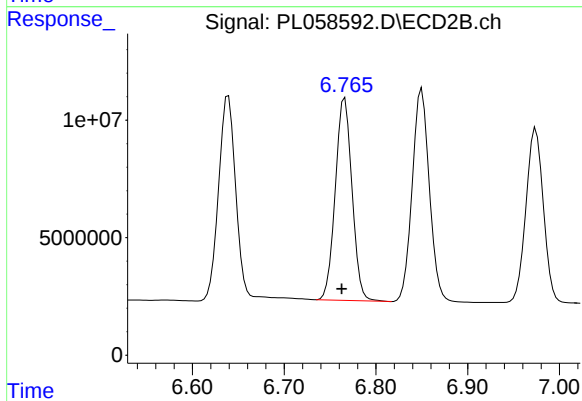
#15 Endosulfan II

R.T.: 6.850 min
Delta R.T.: 0.003 min
Response: 118557595
Conc: 44.49 ng/ml



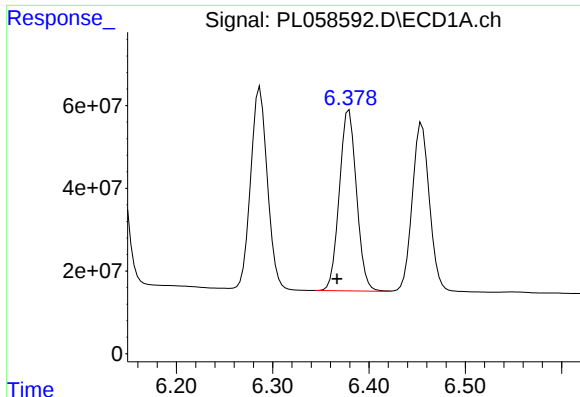
#16 4,4'-DDD

R.T.: 6.140 min
Delta R.T.: 0.012 min
Response: 574531598
Conc: 48.99 ng/ml



#16 4,4'-DDD

R.T.: 6.766 min
Delta R.T.: 0.003 min
Response: 109242242
Conc: 48.06 ng/ml



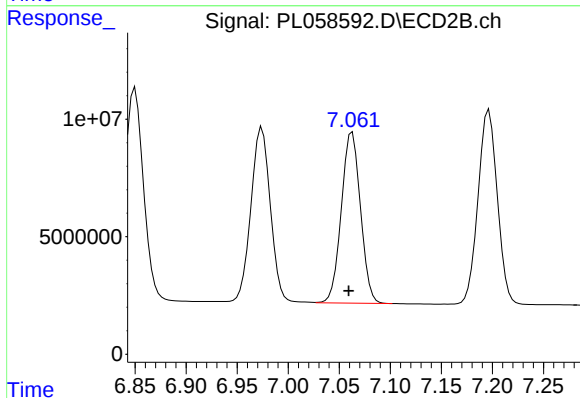
#17 4,4'-DDT

R.T.: 6.379 min
Delta R.T.: 0.013 min
Response: 541845214
Conc: 46.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB128736BS

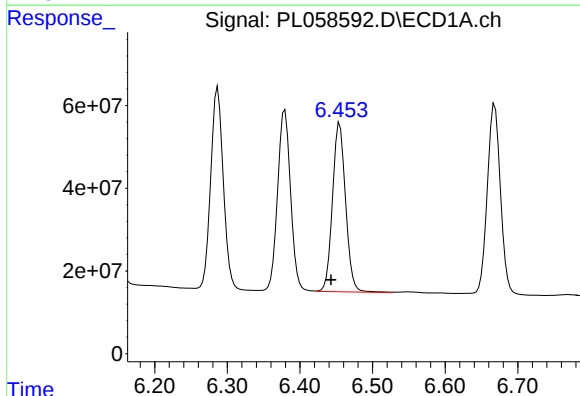
Manual Integrations
APPROVED

mohammad
5/11/2020 11:43:12 AM



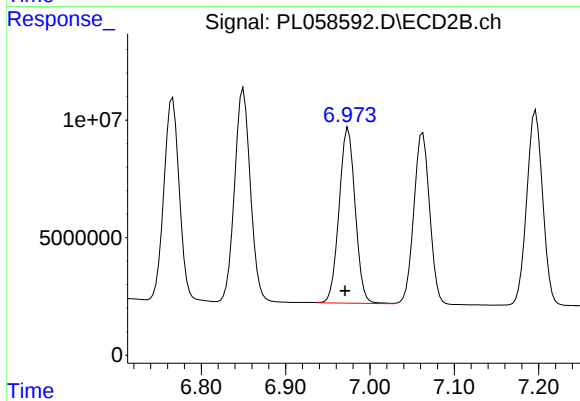
#17 4,4'-DDT

R.T.: 7.063 min
Delta R.T.: 0.003 min
Response: 94833736
Conc: 43.31 ng/ml



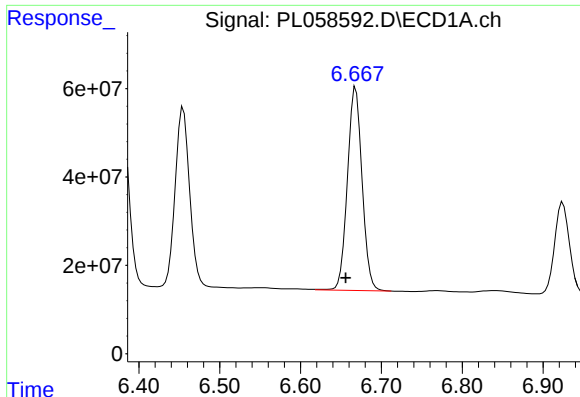
#18 Endrin aldehyde

R.T.: 6.455 min
Delta R.T.: 0.012 min
Response: 513694415
Conc: 48.43 ng/ml



#18 Endrin aldehyde

R.T.: 6.974 min
Delta R.T.: 0.004 min
Response: 98925857
Conc: 45.37 ng/ml



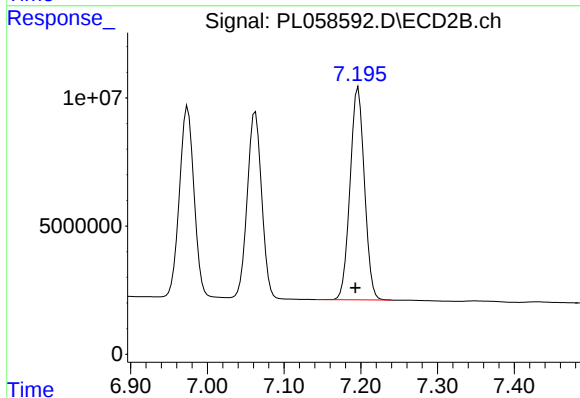
#19 Endosulfan Sulfate

R.T.: 6.668 min
Delta R.T.: 0.012 min
Response: 579483847
Conc: 49.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB128736BS

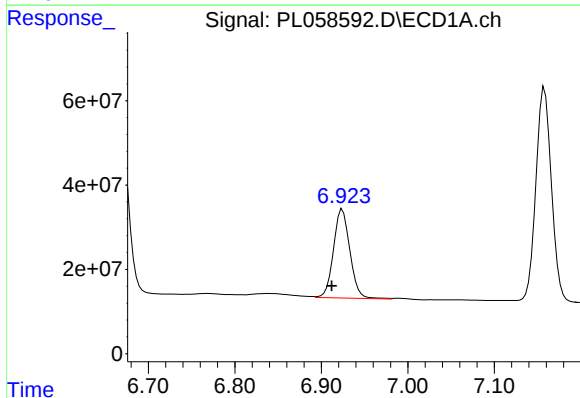
Manual Integrations
APPROVED

mohammad
5/11/2020 11:43:12 AM



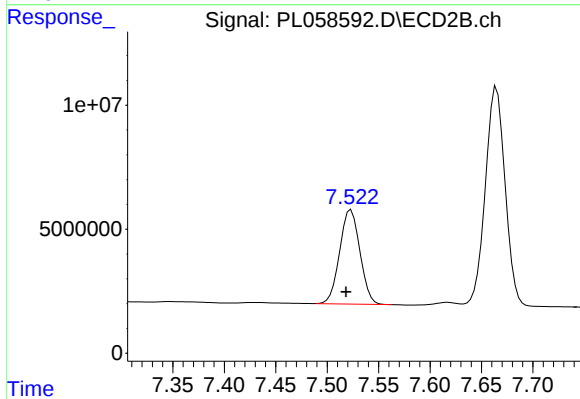
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: 0.004 min
Response: 108757367
Conc: 45.99 ng/ml



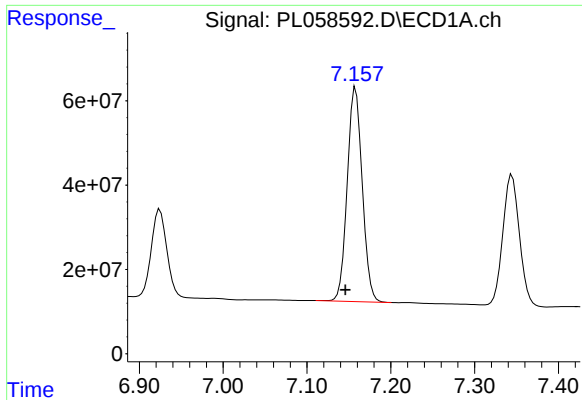
#20 Methoxychlor

R.T.: 6.924 min
Delta R.T.: 0.012 min
Response: 276780560
Conc: 46.58 ng/ml



#20 Methoxychlor

R.T.: 7.523 min
Delta R.T.: 0.005 min
Response: 52061255
Conc: 42.00 ng/ml



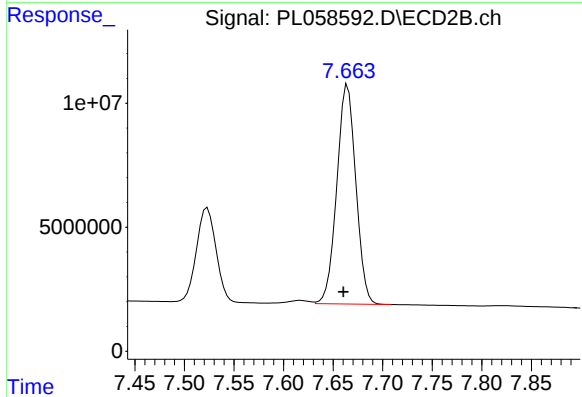
#21 Endrin ketone

R.T.: 7.158 min
Delta R.T.: 0.012 min
Response: 633647682
Conc: 53.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB128736BS

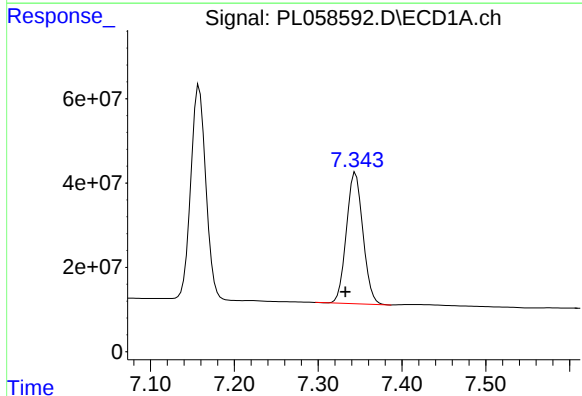
Manual Integrations
APPROVED

mohammad
5/11/2020 11:43:12 AM



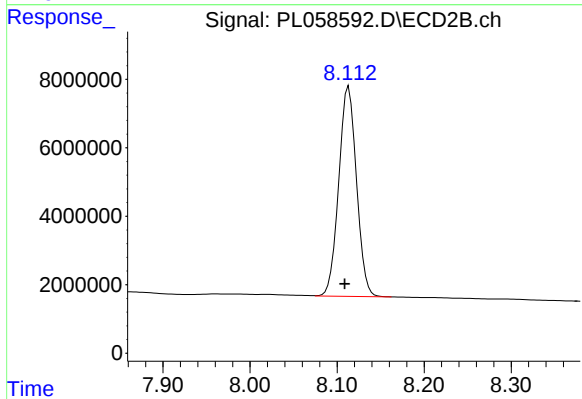
#21 Endrin ketone

R.T.: 7.665 min
Delta R.T.: 0.004 min
Response: 118085679
Conc: 48.44 ng/ml



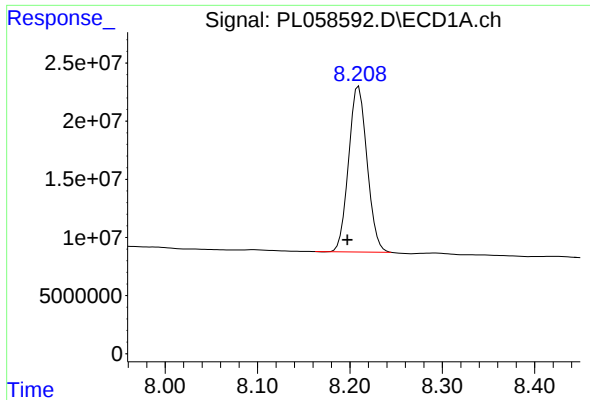
#22 Mirex

R.T.: 7.345 min
Delta R.T.: 0.012 min
Response: 426603588
Conc: 48.22 ng/ml



#22 Mirex

R.T.: 8.113 min
Delta R.T.: 0.005 min
Response: 86783839
Conc: 45.45 ng/ml



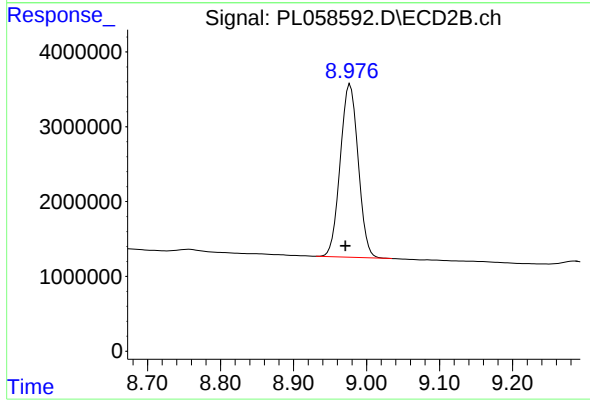
#28 Decachlorobiphenyl

R.T.: 8.210 min
Delta R.T.: 0.012 min
Response: 197831490
Conc: 18.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB128736BS

Manual Integrations
APPROVED

mohammad
5/11/2020 11:43:12 AM



#28 Decachlorobiphenyl

R.T.: 8.978 min
Delta R.T.: 0.006 min
Response: 39486351
Conc: 17.80 ng/ml