

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052820\
 Data File : PL058960.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 May 2020 17:45
 Operator : AJ\MA
 Sample : L2776-02MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 351MS

Manual Integrations
 APPROVED

mohammad
 6/1/2020 1:25:38 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 29 01:21:21 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052020.M
 Quant Title : GC Extractables
 QLast Update : Wed May 20 11:27:53 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...	3.528	4.076	30981219	38557297	16.896	14.236
2)	SA Decachlor...	8.308	9.187	26039427	38410042	15.412	14.570m
Target Compounds							
2)	A alpha-BHC	3.970	4.468	132.1E6	177.0E6	48.599m	44.115m
3)	MA gamma-BHC...	4.258	4.755	179.7E6	192.3E6	76.133	50.731m#
4)	MA Heptachlor	4.562	5.269	112.7E6	170.5E6	50.118m	44.503m
5)	MB Aldrin	4.814	5.577	98074339	159.4E6	50.658	46.714m
6)	B beta-BHC	4.505	4.923	52786151	51013618	51.361m	29.317m#
7)	B delta-BHC	4.712	5.143	113.1E6	138.7E6	52.751m	38.035m#
8)	B Heptachlo...	5.259	5.965	94130863	142.3E6	51.002	43.154m
9)	A Endosulfan I	5.606	6.324	67243959	150.6E6	39.614m	51.233m#
10)	B gamma-Chl...	5.488	6.202	95615437	157.7E6	52.153	47.616
11)	B alpha-Chl...	5.546	6.275	98681265	143.2E6	53.930	44.080
12)	B 4,4'-DDE	5.709	6.429	90900725	121.9E6	55.357	42.725
13)	MA Dieldrin	5.843	6.584	117.0E6	138.1E6	66.644m	45.582 #
14)	MA Endrin	6.102	6.801	86050824	116.4E6	54.904	46.666m
15)	B Endosulfa...	6.373	7.009	86204673	141.1E6	51.741m	50.322
16)	A 4,4'-DDD	6.226	6.918	57913604	128.8E6	40.913m	54.001m#
17)	MA 4,4'-DDT	6.469	7.220	77640458	119.3E6	53.375	50.156
18)	B Endrin al...	6.543	7.134	73328488	115.9E6	51.961	49.111
19)	B Endosulfa...	6.756	7.357	89607394	124.5E6	54.924	47.389
20)	A Methoxychlor	7.015	7.676	41715963	88233567	48.904	63.265 #
21)	B Endrin ke...	7.248	7.831	85851666	141.7E6	46.553	51.141
22)	Mirex	7.443	8.288	69989213	93333476	45.252	42.586

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052820\
Data File : PL058960.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 May 2020 17:45
Operator : AJ\MA
Sample : L2776-02MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

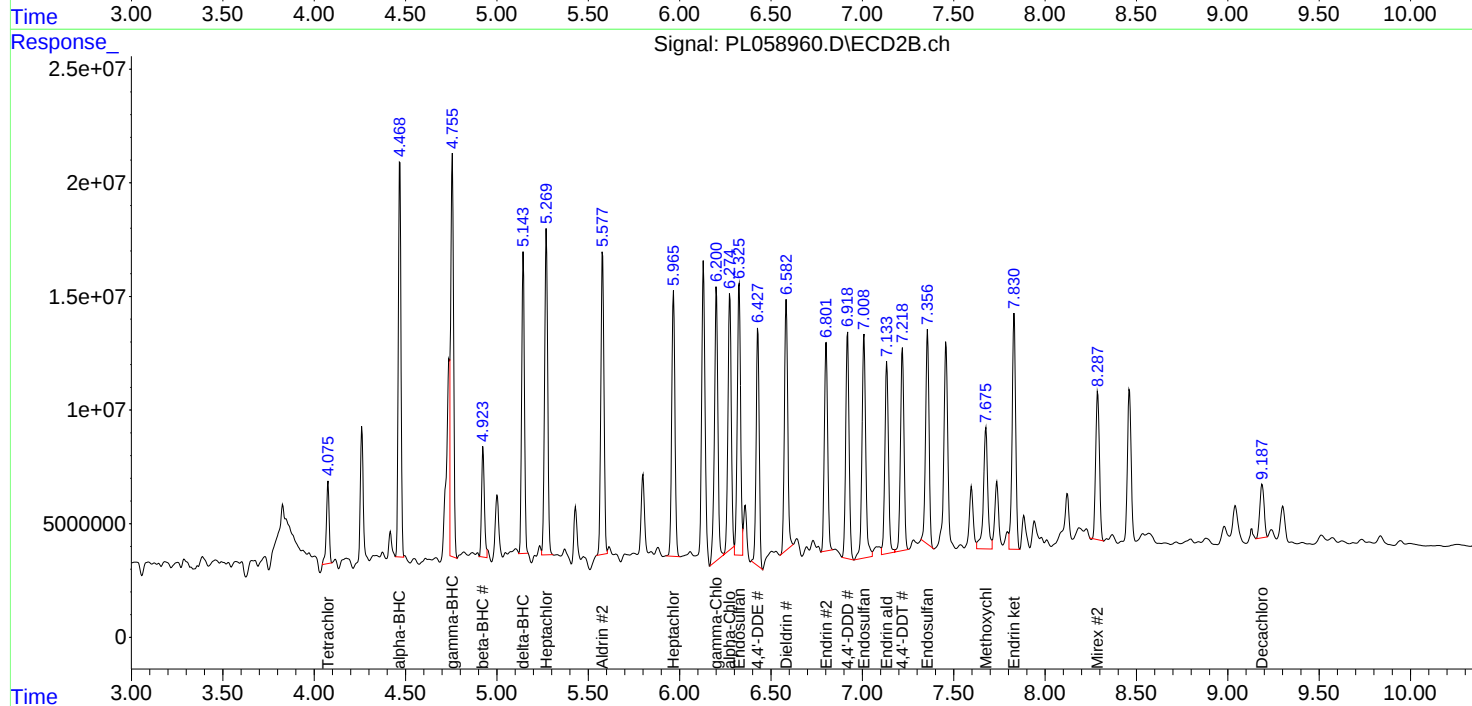
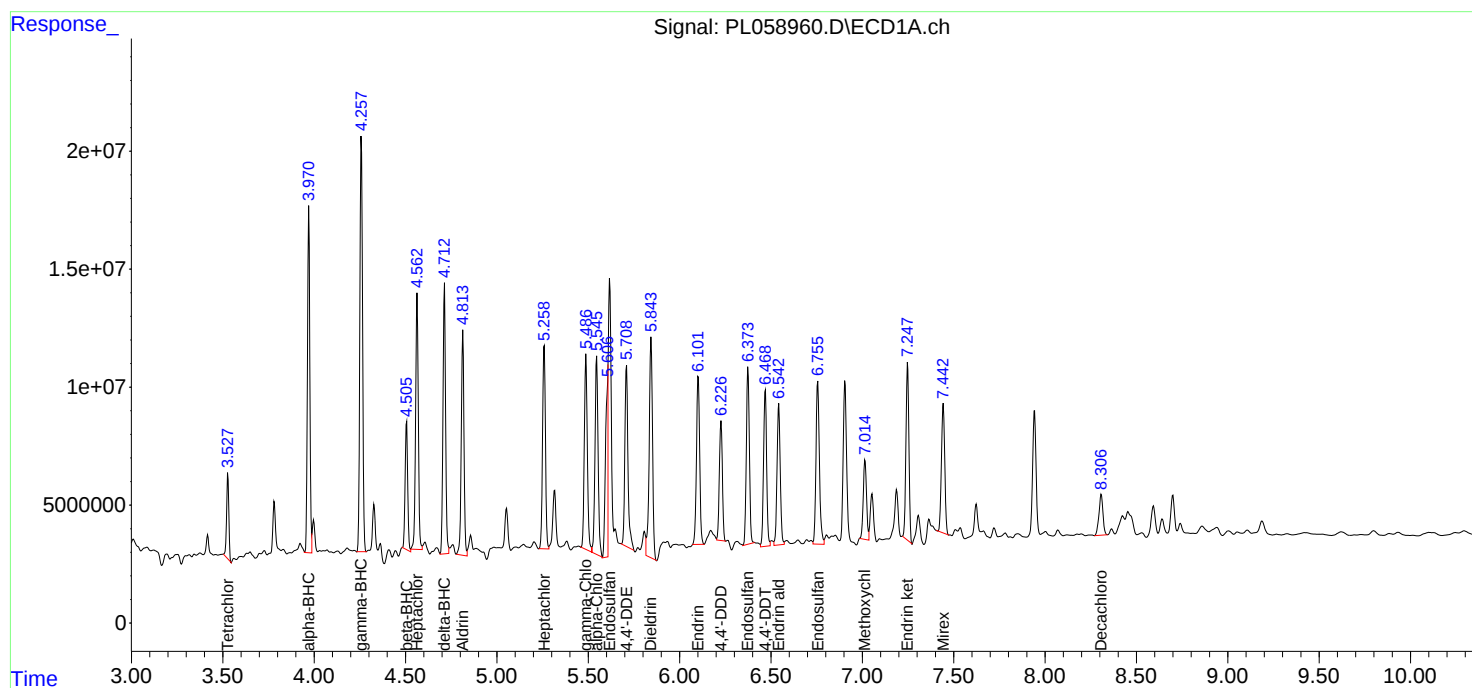
Instrument :
ECD_L
ClientSampleId :
351MS

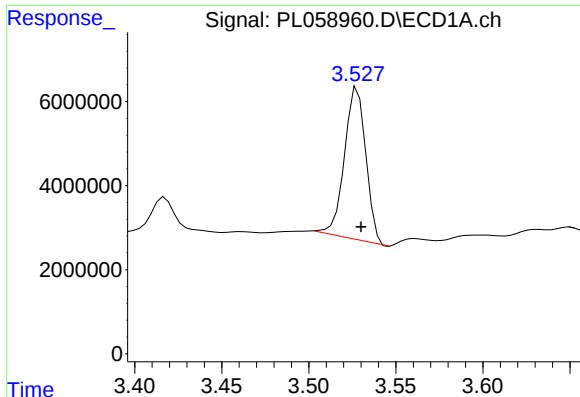
Manual Integrations
APPROVED

mohammad
6/1/2020 1:25:38 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 29 01:21:21 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052020.M
Quant Title : GC Extractables
QLast Update : Wed May 20 11:27:53 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





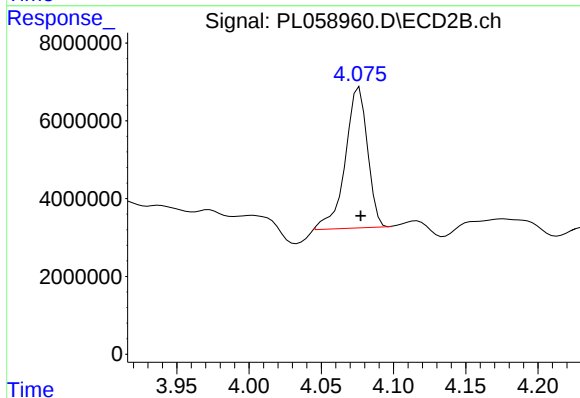
#1 Tetrachloro-m-xylene

R.T.: 3.528 min
Delta R.T.: -0.002 min
Response: 30981219
Conc: 16.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
351MS

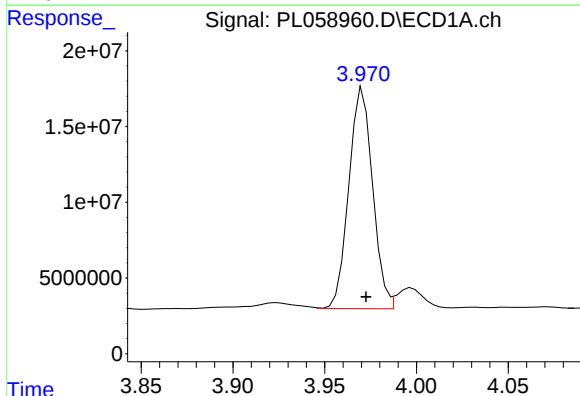
Manual Integrations
APPROVED

mohammad
6/1/2020 1:25:38 PM



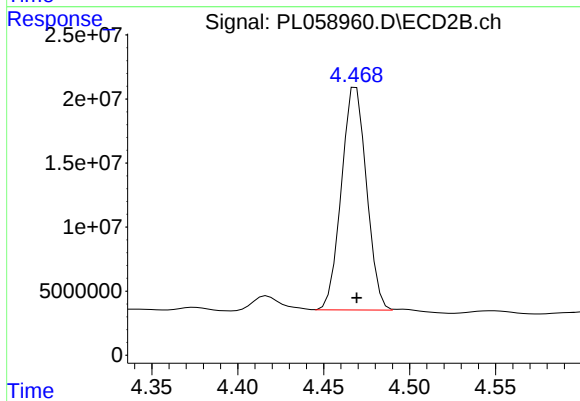
#1 Tetrachloro-m-xylene

R.T.: 4.076 min
Delta R.T.: 0.000 min
Response: 38557297
Conc: 14.24 ng/ml



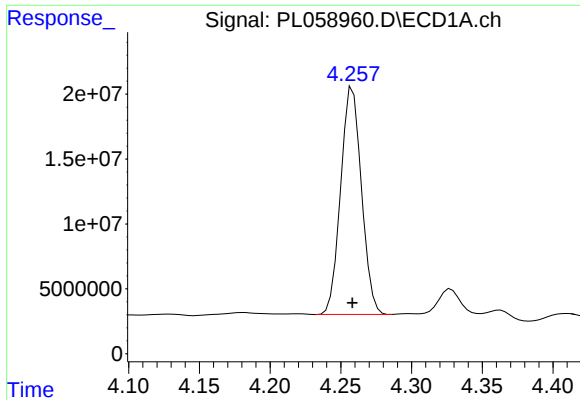
#2 alpha-BHC

R.T.: 3.970 min
Delta R.T.: -0.003 min
Response: 132132997
Conc: 48.60 ng/ml m



#2 alpha-BHC

R.T.: 4.468 min
Delta R.T.: -0.002 min
Response: 177045273
Conc: 44.12 ng/ml m



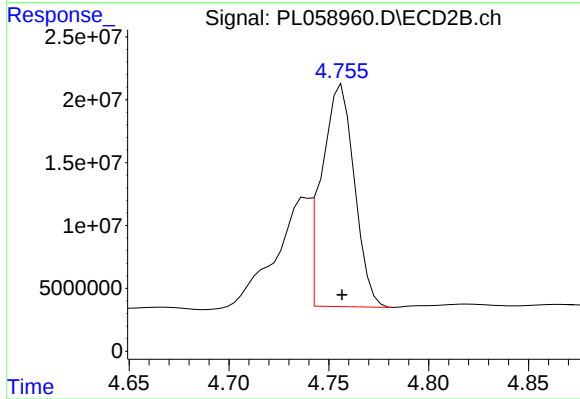
#3 gamma-BHC (Lindane)

R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 179692042
Conc: 76.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
351MS

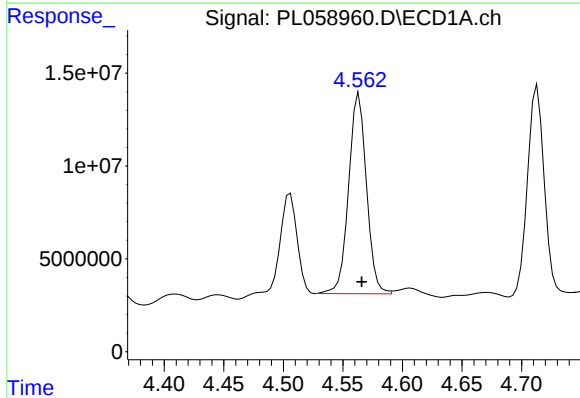
Manual Integrations
APPROVED

mohammad
6/1/2020 1:25:38 PM



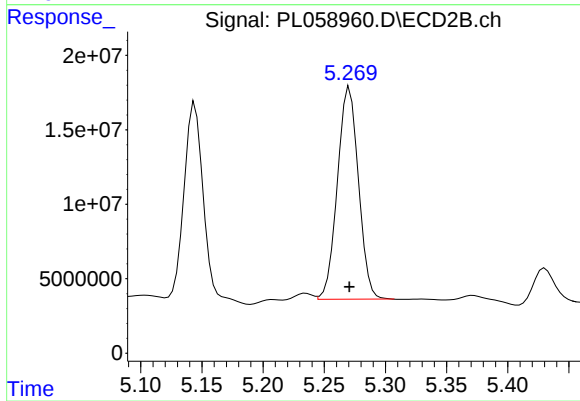
#3 gamma-BHC (Lindane)

R.T.: 4.755 min
Delta R.T.: -0.002 min
Response: 192263671
Conc: 50.73 ng/ml m



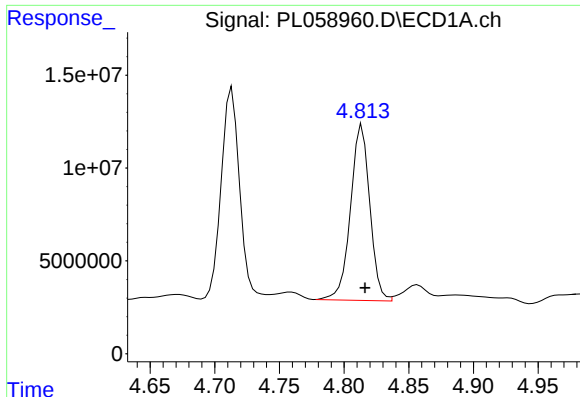
#4 Heptachlor

R.T.: 4.562 min
Delta R.T.: -0.004 min
Response: 112689219
Conc: 50.12 ng/ml m



#4 Heptachlor

R.T.: 5.269 min
Delta R.T.: -0.001 min
Response: 170462244
Conc: 44.50 ng/ml m



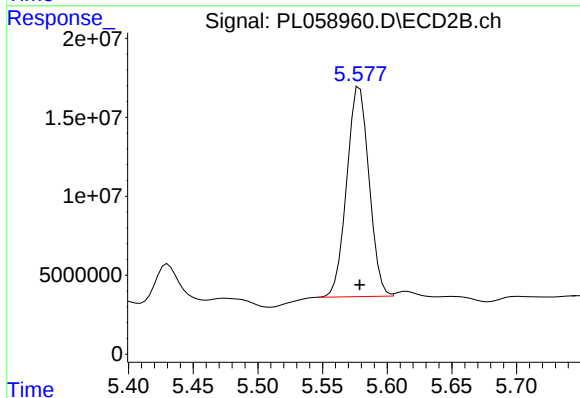
#5 Aldrin

R.T.: 4.814 min
Delta R.T.: -0.002 min
Response: 98074339
Conc: 50.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
351MS

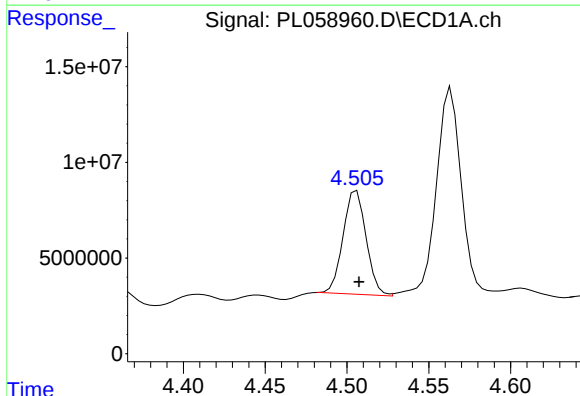
Manual Integrations
APPROVED

mohammad
6/1/2020 1:25:38 PM



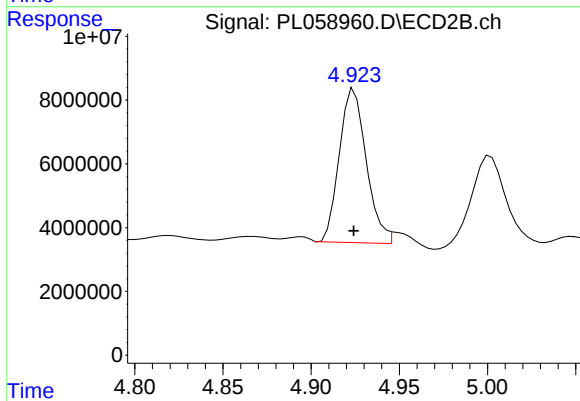
#5 Aldrin

R.T.: 5.577 min
Delta R.T.: -0.001 min
Response: 159350697
Conc: 46.71 ng/ml m



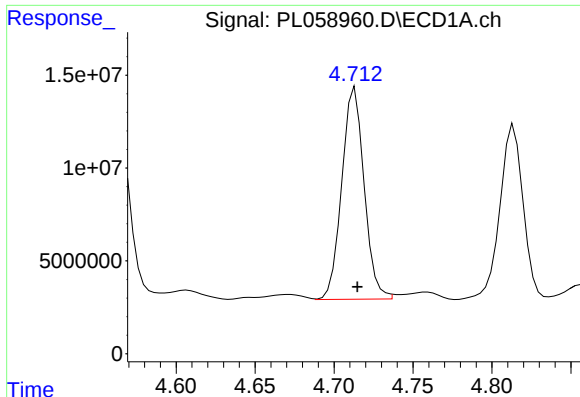
#6 beta-BHC

R.T.: 4.505 min
Delta R.T.: -0.003 min
Response: 52786151
Conc: 51.36 ng/ml m



#6 beta-BHC

R.T.: 4.923 min
Delta R.T.: -0.001 min
Response: 51013618
Conc: 29.32 ng/ml m



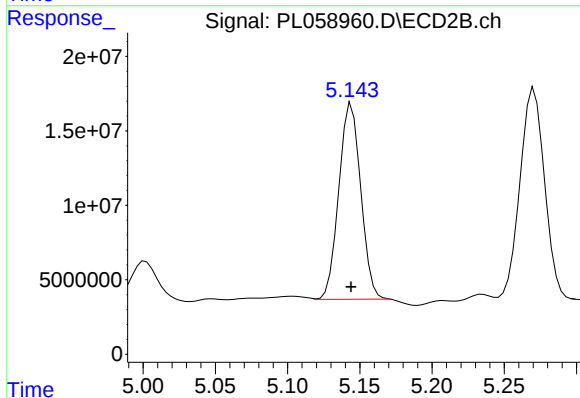
#7 delta-BHC

R.T.: 4.712 min
Delta R.T.: -0.003 min
Response: 113107218
Conc: 52.75 ng/ml m

Instrument :
ECD_L
ClientSampleId :
351MS

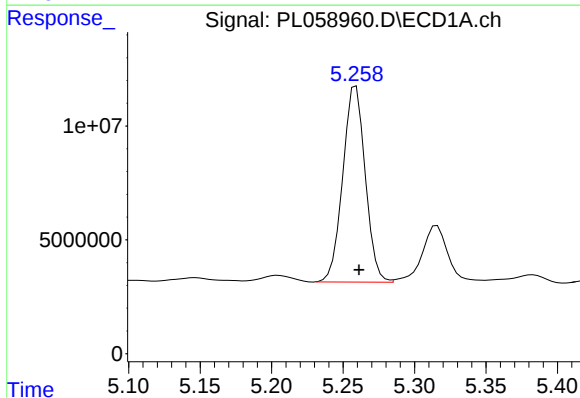
Manual Integrations
APPROVED

mohammad
6/1/2020 1:25:38 PM



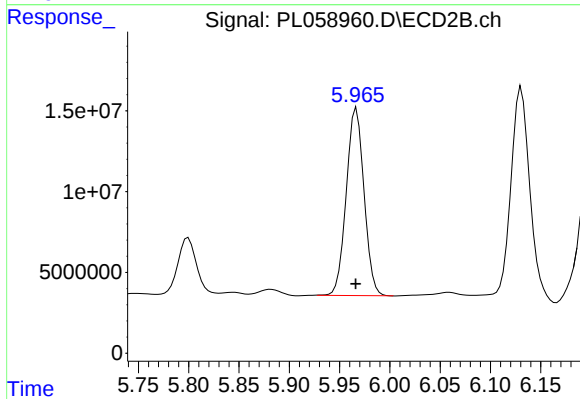
#7 delta-BHC

R.T.: 5.143 min
Delta R.T.: -0.001 min
Response: 138718022
Conc: 38.03 ng/ml m



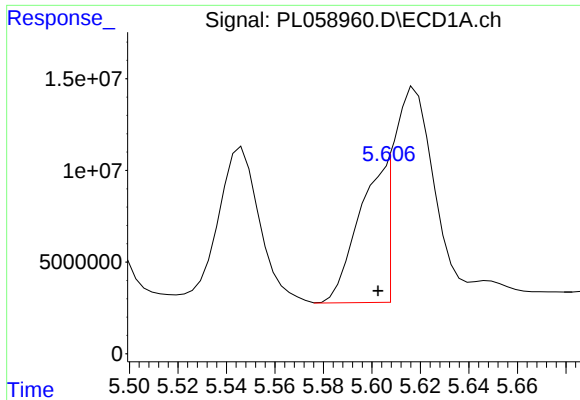
#8 Heptachlor epoxide

R.T.: 5.259 min
Delta R.T.: -0.002 min
Response: 94130863
Conc: 51.00 ng/ml



#8 Heptachlor epoxide

R.T.: 5.965 min
Delta R.T.: 0.000 min
Response: 142332878
Conc: 43.15 ng/ml m



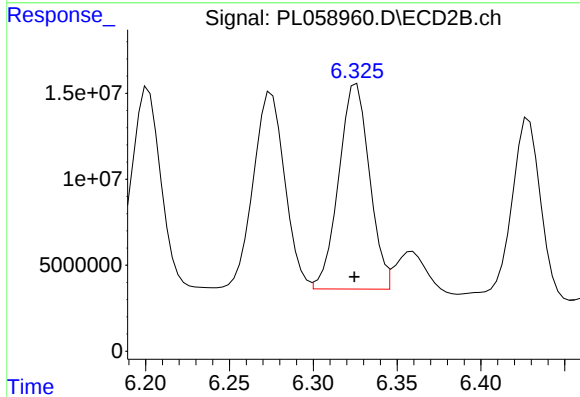
#9 Endosulfan I

R.T.: 5.606 min
Delta R.T.: 0.003 min
Response: 67243959
Conc: 39.61 ng/ml m

Instrument :
ECD_L
ClientSampleId :
351MS

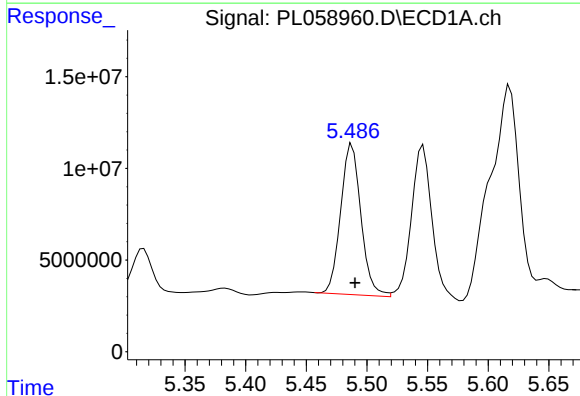
Manual Integrations
APPROVED

mohammad
6/1/2020 1:25:38 PM



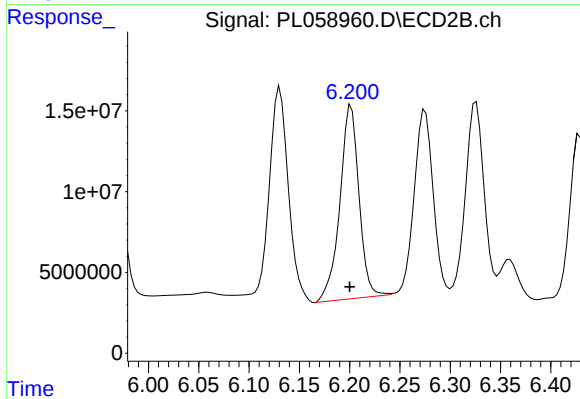
#9 Endosulfan I

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 150613177
Conc: 51.23 ng/ml m



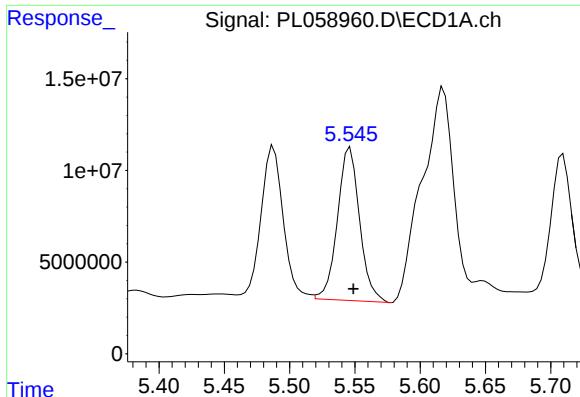
#10 gamma-Chlordane

R.T.: 5.488 min
Delta R.T.: -0.002 min
Response: 95615437
Conc: 52.15 ng/ml



#10 gamma-Chlordane

R.T.: 6.202 min
Delta R.T.: 0.001 min
Response: 157712602
Conc: 47.62 ng/ml



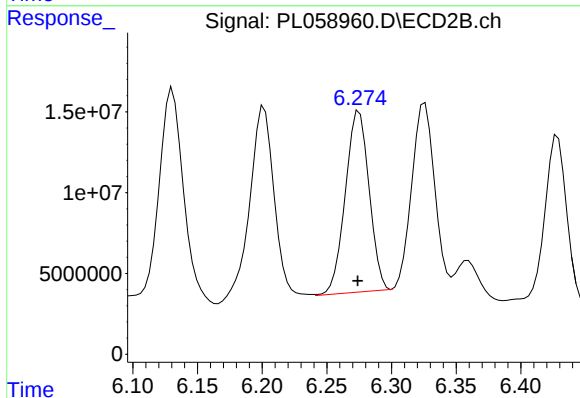
#11 alpha-Chlordane

R.T.: 5.546 min
Delta R.T.: -0.002 min
Response: 98681265
Conc: 53.93 ng/ml

Instrument :
ECD_L
ClientSampled :
351MS

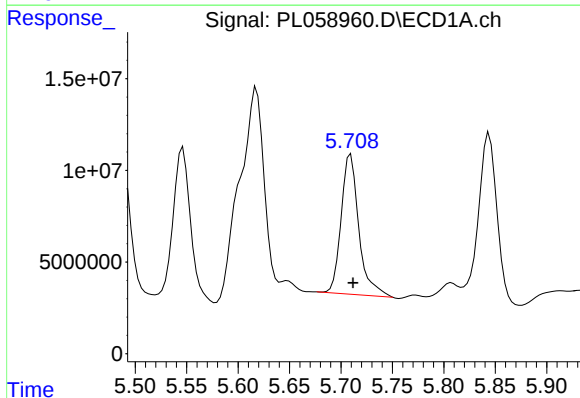
Manual Integrations
APPROVED

mohammad
6/1/2020 1:25:38 PM



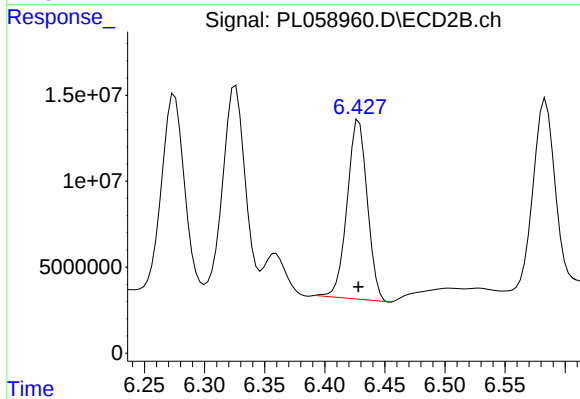
#11 alpha-Chlordane

R.T.: 6.275 min
Delta R.T.: 0.001 min
Response: 143178258
Conc: 44.08 ng/ml



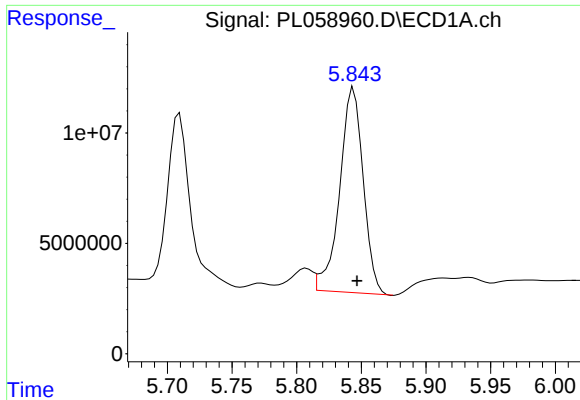
#12 4,4'-DDE

R.T.: 5.709 min
Delta R.T.: -0.003 min
Response: 90900725
Conc: 55.36 ng/ml



#12 4,4'-DDE

R.T.: 6.429 min
Delta R.T.: 0.000 min
Response: 121933981
Conc: 42.72 ng/ml



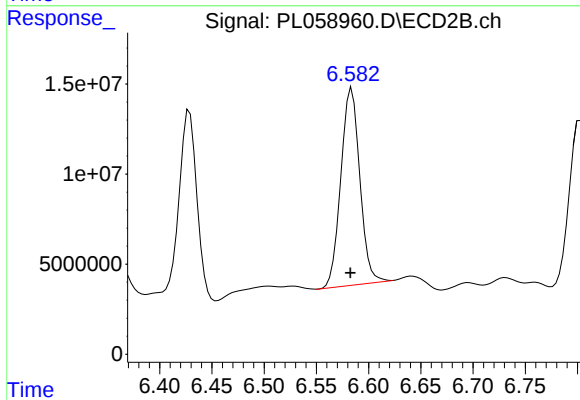
#13 Dieldrin

R.T.: 5.843 min
Delta R.T.: -0.004 min
Response: 116981891
Conc: 66.64 ng/ml m

Instrument :
ECD_L
ClientSampled :
351MS

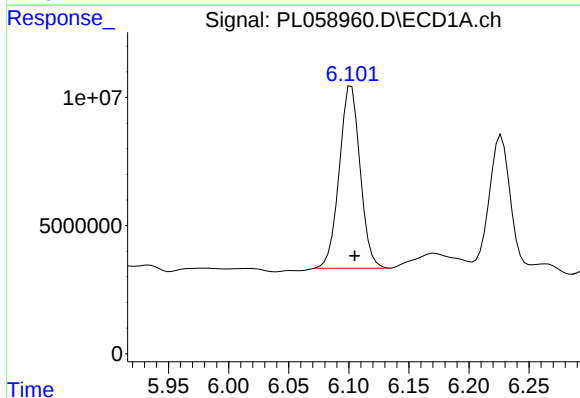
Manual Integrations
APPROVED

mohammad
6/1/2020 1:25:38 PM



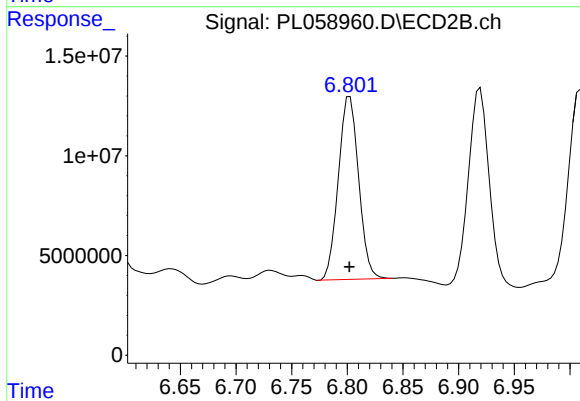
#13 Dieldrin

R.T.: 6.584 min
Delta R.T.: 0.001 min
Response: 138073174
Conc: 45.58 ng/ml



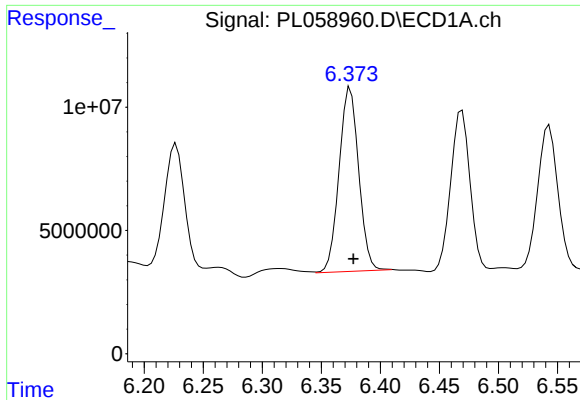
#14 Endrin

R.T.: 6.102 min
Delta R.T.: -0.003 min
Response: 86050824
Conc: 54.90 ng/ml



#14 Endrin

R.T.: 6.801 min
Delta R.T.: 0.000 min
Response: 116445841
Conc: 46.67 ng/ml m



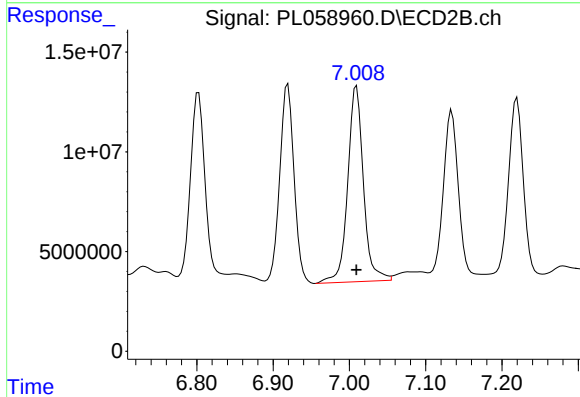
#15 Endosulfan II

R.T.: 6.373 min
Delta R.T.: -0.004 min
Response: 86204673
Conc: 51.74 ng/ml m

Instrument :
ECD_L
ClientSampleId :
351MS

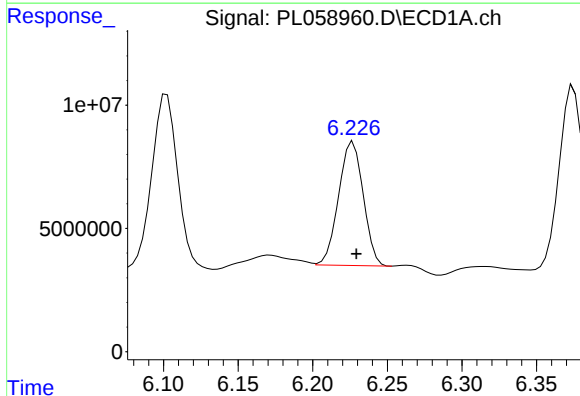
Manual Integrations
APPROVED

mohammad
6/1/2020 1:25:38 PM



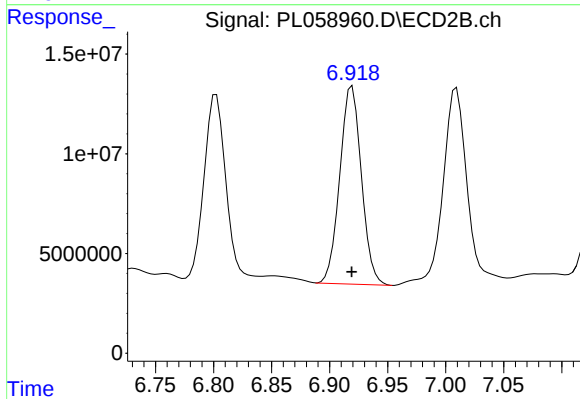
#15 Endosulfan II

R.T.: 7.009 min
Delta R.T.: 0.000 min
Response: 141054165
Conc: 50.32 ng/ml



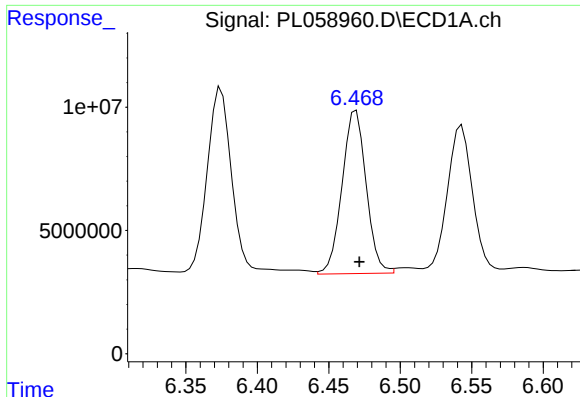
#16 4,4'-DDD

R.T.: 6.226 min
Delta R.T.: -0.003 min
Response: 57913604
Conc: 40.91 ng/ml m



#16 4,4'-DDD

R.T.: 6.918 min
Delta R.T.: 0.000 min
Response: 128839030
Conc: 54.00 ng/ml m



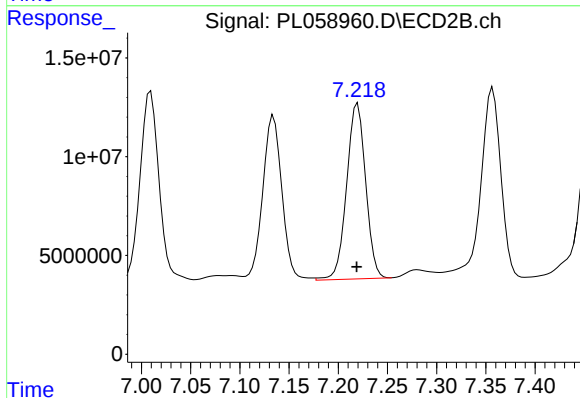
#17 4,4'-DDT

R.T.: 6.469 min
Delta R.T.: -0.002 min
Response: 77640458
Conc: 53.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
351MS

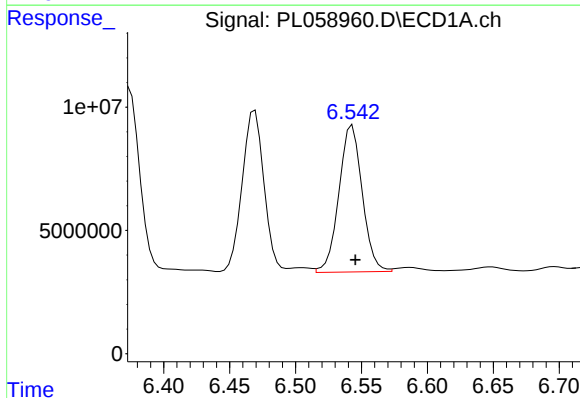
Manual Integrations
APPROVED

mohammad
6/1/2020 1:25:38 PM



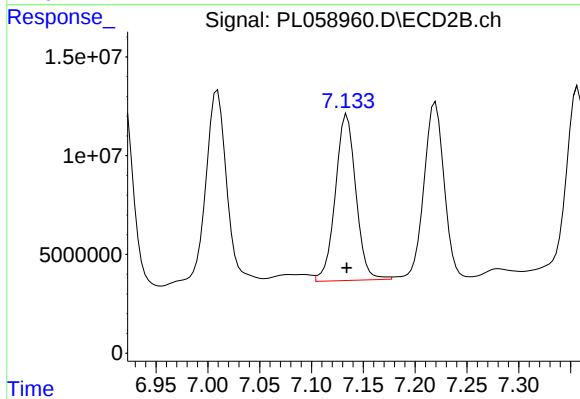
#17 4,4'-DDT

R.T.: 7.220 min
Delta R.T.: 0.000 min
Response: 119275560
Conc: 50.16 ng/ml



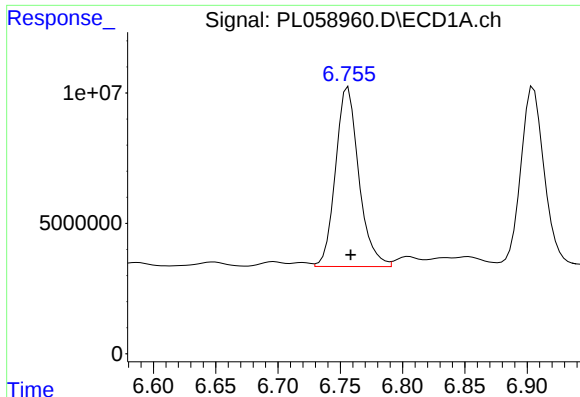
#18 Endrin aldehyde

R.T.: 6.543 min
Delta R.T.: -0.002 min
Response: 73328488
Conc: 51.96 ng/ml



#18 Endrin aldehyde

R.T.: 7.134 min
Delta R.T.: 0.000 min
Response: 115883871
Conc: 49.11 ng/ml



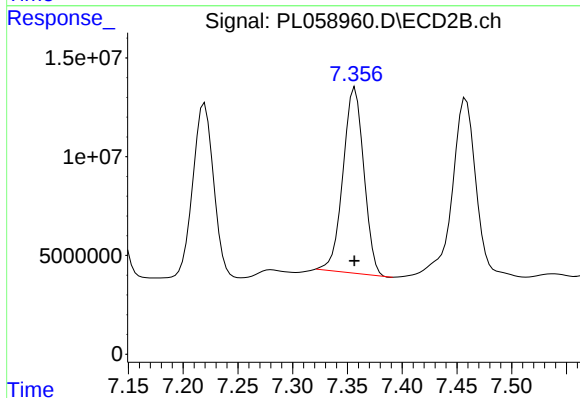
#19 Endosulfan Sulfate

R.T.: 6.756 min
Delta R.T.: -0.002 min
Response: 89607394
Conc: 54.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
351MS

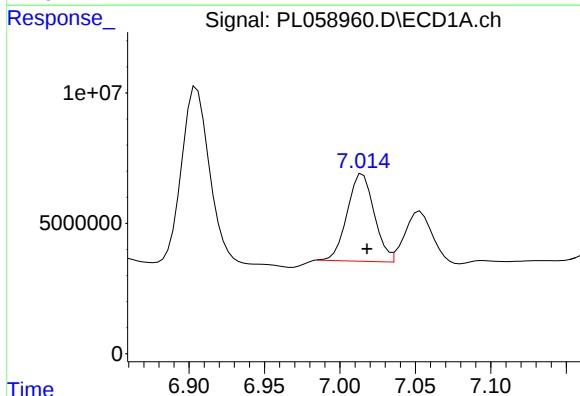
Manual Integrations
APPROVED

mohammad
6/1/2020 1:25:38 PM



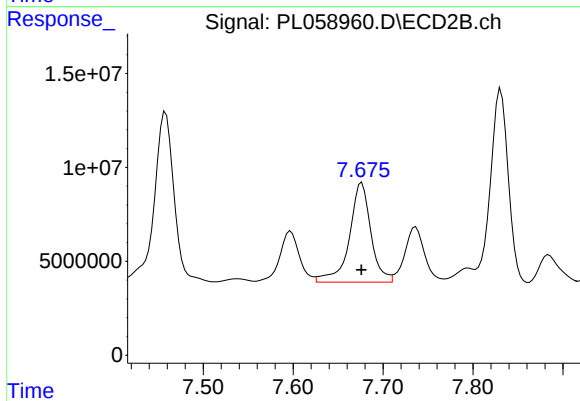
#19 Endosulfan Sulfate

R.T.: 7.357 min
Delta R.T.: 0.000 min
Response: 124534537
Conc: 47.39 ng/ml



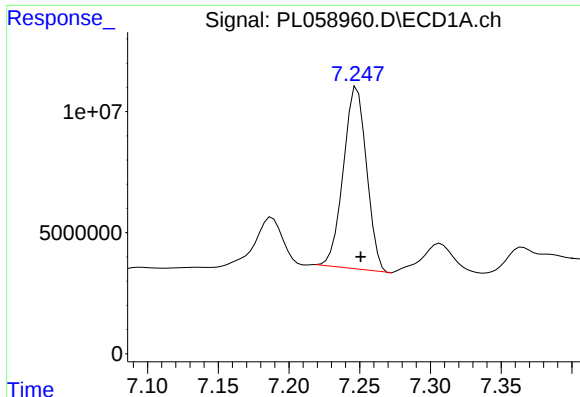
#20 Methoxychlor

R.T.: 7.015 min
Delta R.T.: -0.003 min
Response: 41715963
Conc: 48.90 ng/ml



#20 Methoxychlor

R.T.: 7.676 min
Delta R.T.: 0.000 min
Response: 88233567
Conc: 63.26 ng/ml



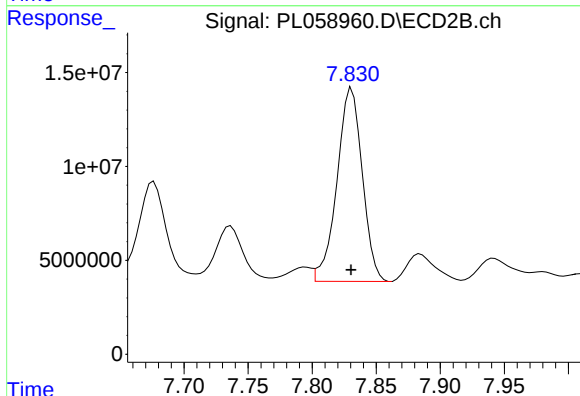
#21 Endrin ketone

R.T.: 7.248 min
Delta R.T.: -0.003 min
Response: 85851666
Conc: 46.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
351MS

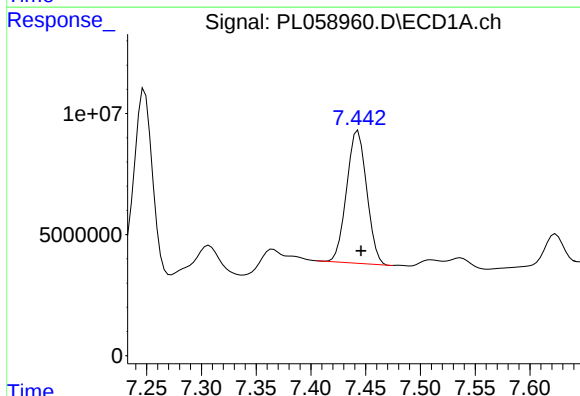
Manual Integrations
APPROVED

mohammad
6/1/2020 1:25:38 PM



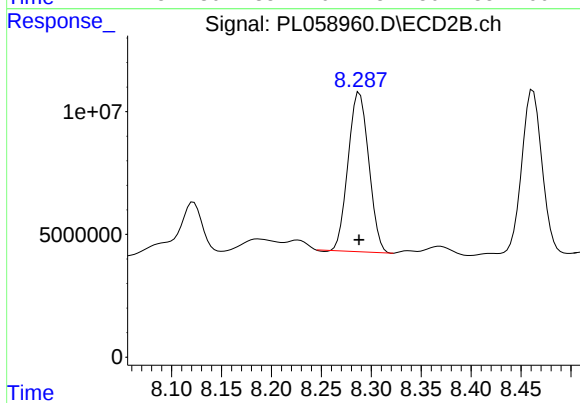
#21 Endrin ketone

R.T.: 7.831 min
Delta R.T.: 0.000 min
Response: 141677169
Conc: 51.14 ng/ml



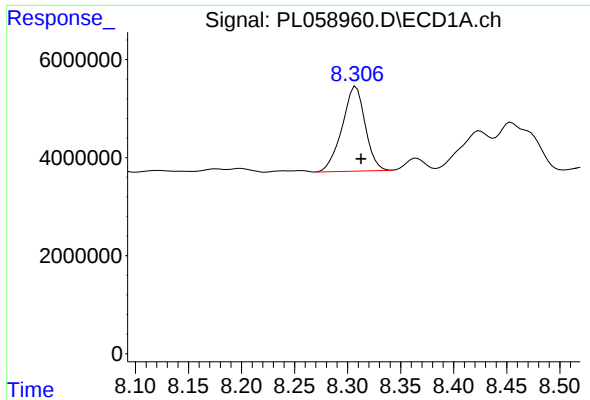
#22 Mirex

R.T.: 7.443 min
Delta R.T.: -0.003 min
Response: 69989213
Conc: 45.25 ng/ml



#22 Mirex

R.T.: 8.288 min
Delta R.T.: 0.000 min
Response: 93333476
Conc: 42.59 ng/ml



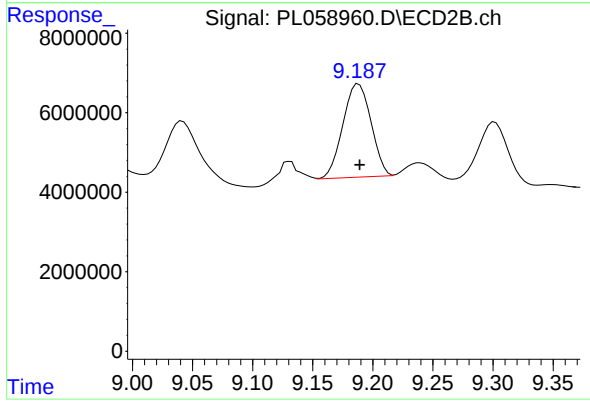
#28 Decachlorobiphenyl

R.T.: 8.308 min
Delta R.T.: -0.005 min
Response: 26039427
Conc: 15.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
351MS

Manual Integrations
APPROVED

mohammad
6/1/2020 1:25:38 PM



#28 Decachlorobiphenyl

R.T.: 9.187 min
Delta R.T.: -0.002 min
Response: 38410042
Conc: 14.57 ng/ml m