

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120318\
 Data File : PL042690.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Dec 2018 14:09
 Operator : AJ\SJ
 Sample : PB115214BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB115214BS

Manual Integrations
 APPROVED

mohammad
 12/4/2018 3:26:03 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 03 23:57:49 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112018.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 20 02:29:59 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.475	4.101	114.4E6	61309426	19.441	21.317
28)	SA Decachlor...	8.215	9.239	125.4E6	53430917	19.902	22.153
Target Compounds							
2)	A alpha-BHC	3.915	4.498	431.3E6	223.6E6	47.798	52.221
3)	MA gamma-BHC...	4.199	4.787	406.2E6	206.9E6	49.286	52.371
4)	MA Heptachlor	4.494	5.303	399.3E6	205.5E6	45.892	52.376
5)	MB Aldrin	4.741	5.612	401.8E6	203.6E6	49.486	53.010
6)	B beta-BHC	4.453	4.956	160.5E6	87777509	45.314	55.635
7)	B delta-BHC	4.654	5.175	322.1E6	172.2E6	42.059	46.786m
8)	B Heptachlor...	5.184	5.999	374.6E6	199.5E6	49.416	55.638m
9)	A Endosulfan I	5.522	6.361	340.6E6	172.9E6	49.218	54.765
10)	B gamma-Chl...	5.410	6.236	385.2E6	185.5E6	50.520	54.475
11)	B alpha-Chl...	5.467	6.310	339.9E6	185.5E6	45.276	55.466
12)	B 4,4'-DDE	5.634	6.464	353.4E6	132.1E6	53.992	39.684 #
13)	MA Dieldrin	5.764	6.619	370.6E6	183.8E6	50.381	55.229
14)	MA Endrin	6.030	6.835	1526.6E6	74728929	233.413	27.129m#
15)	B Endosulfa...	6.296	7.047	304.7E6	156.6E6	48.742	56.695
16)	A 4,4'-DDD	6.150	6.956	275.2E6	153.3E6	51.971	58.237
17)	MA 4,4'-DDT	6.387	7.256	289.9E6	170.2E6	52.081	64.461
18)	B Endrin al...	6.464	7.170	251.9E6	120.0E6	48.447	52.339m
19)	B Endosulfa...	6.677	7.396	292.9E6	148.3E6	46.943	53.325
20)	A Methoxychlor	6.934	7.712	155.9E6	91777590	49.448	67.313m#
21)	B Endrin ke...	7.165	7.871	406.3E6	155.5E6	58.673m	56.255

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120318\
Data File : PL042690.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Dec 2018 14:09
Operator : AJ\SJ
Sample : PB115214BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

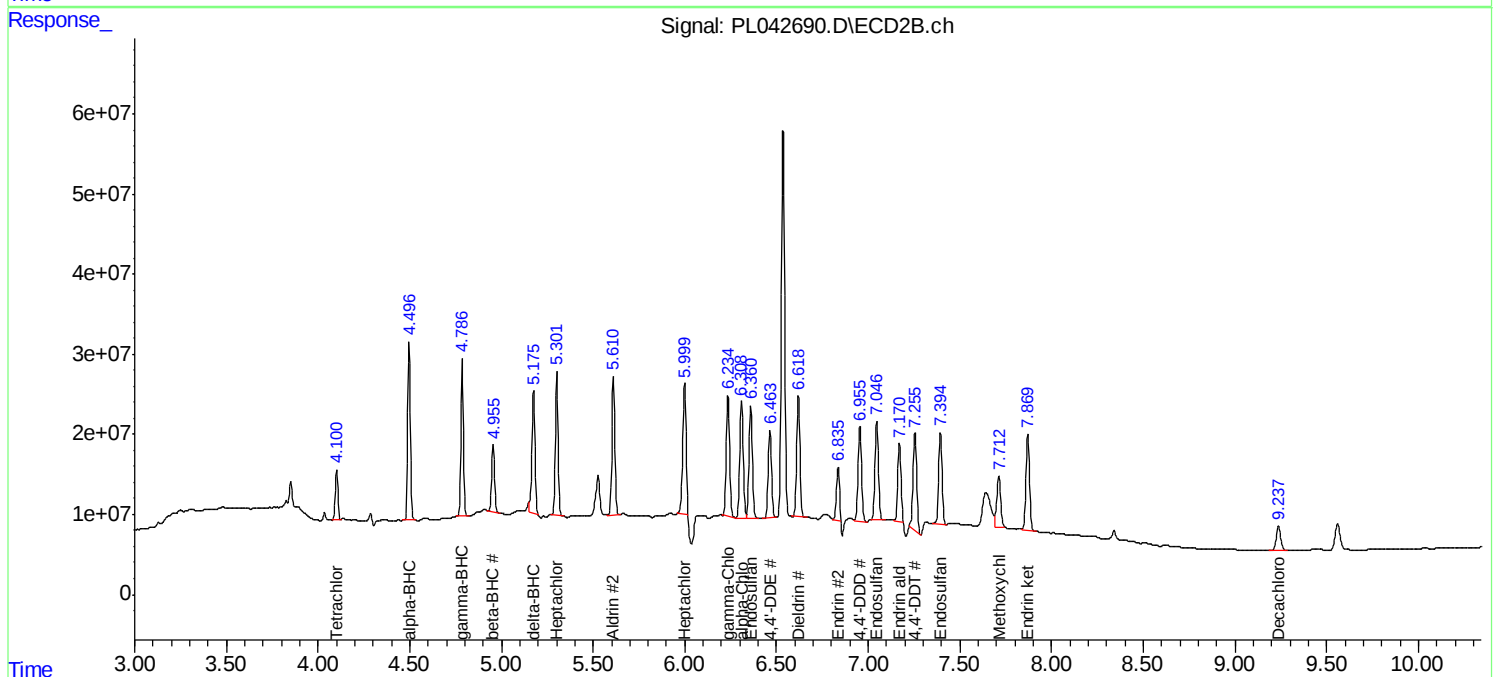
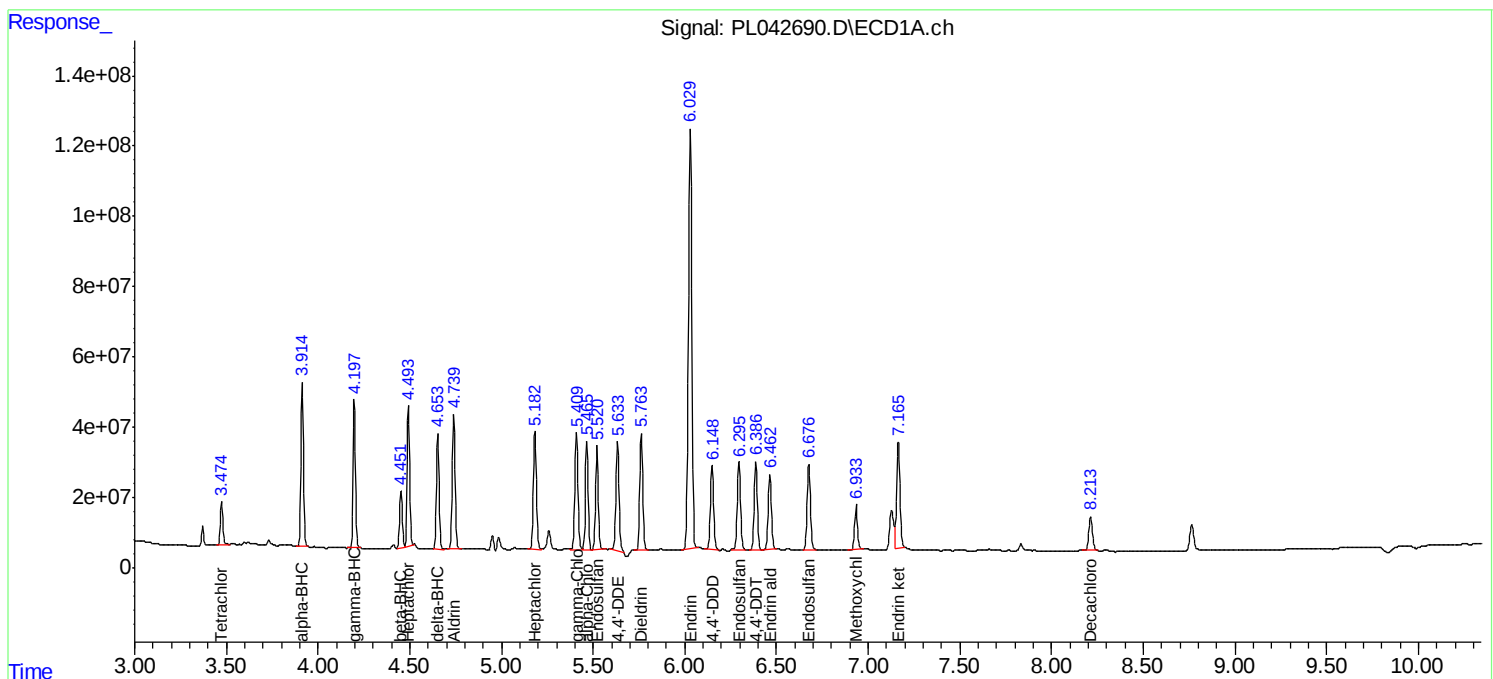
Instrument :
ECD_L
ClientSampled :
PB115214BS

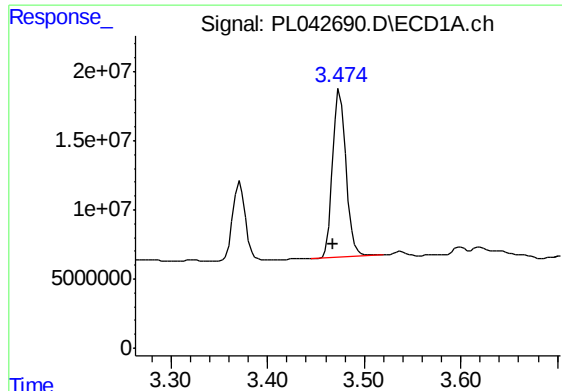
Manual Integrations
APPROVED

mohammad
12/4/2018 3:26:03 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 03 23:57:49 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112018.M
Quant Title : GC Extractables
QLast Update : Tue Nov 20 02:29:59 2018
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





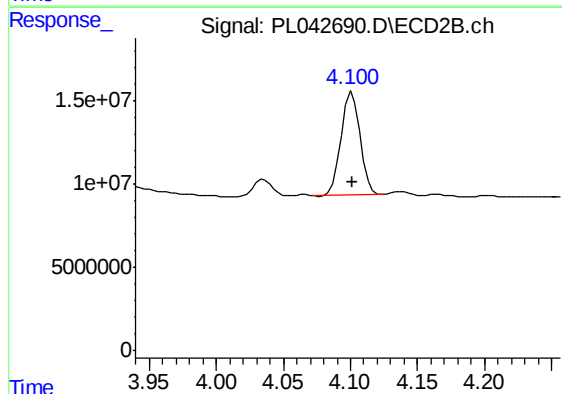
#1 Tetrachloro-m-xylene

R.T.: 3.475 min
Delta R.T.: 0.007 min
Response: 114379527
Conc: 19.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB115214BS

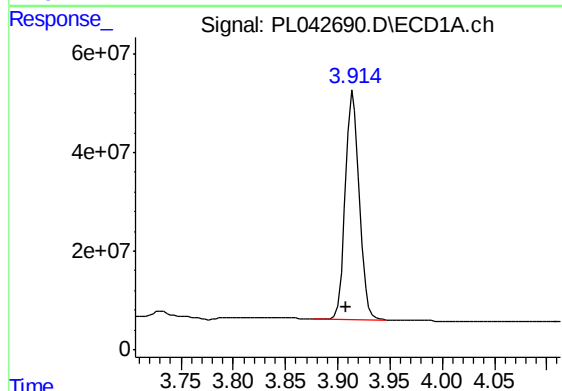
Manual Integrations
APPROVED

mohammad
12/4/2018 3:26:03 PM



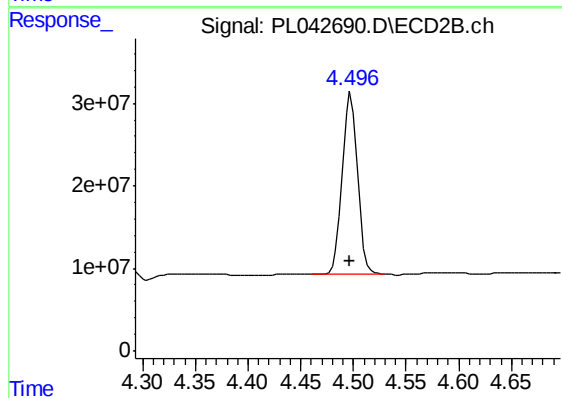
#1 Tetrachloro-m-xylene

R.T.: 4.101 min
Delta R.T.: 0.000 min
Response: 61309426
Conc: 21.32 ng/ml



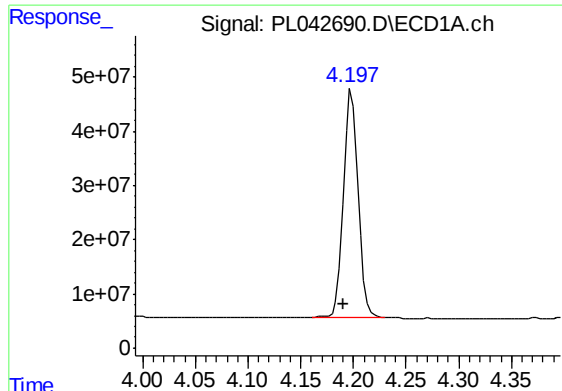
#2 alpha-BHC

R.T.: 3.915 min
Delta R.T.: 0.007 min
Response: 431291557
Conc: 47.80 ng/ml



#2 alpha-BHC

R.T.: 4.498 min
Delta R.T.: 0.001 min
Response: 223638223
Conc: 52.22 ng/ml



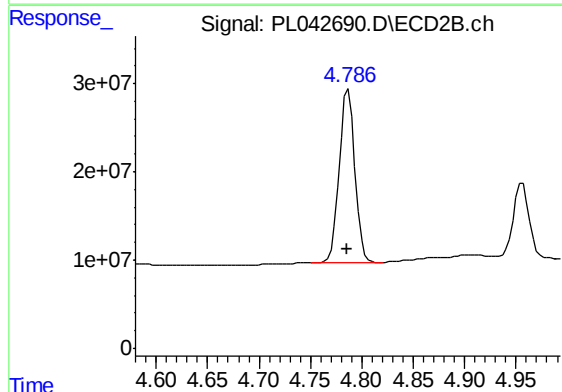
#3 gamma-BHC (Lindane)

R.T.: 4.199 min
Delta R.T.: 0.007 min
Response: 406214829
Conc: 49.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB115214BS

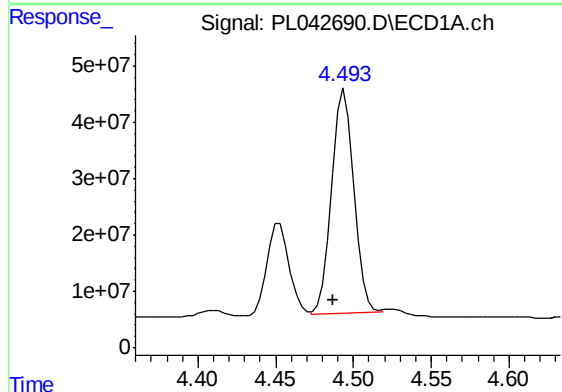
Manual Integrations
APPROVED

mohammad
12/4/2018 3:26:03 PM



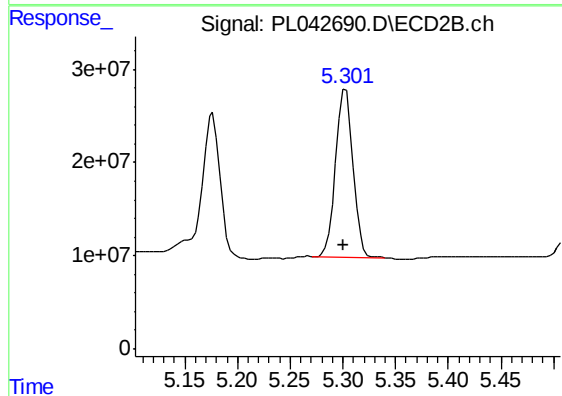
#3 gamma-BHC (Lindane)

R.T.: 4.787 min
Delta R.T.: 0.001 min
Response: 206948656
Conc: 52.37 ng/ml



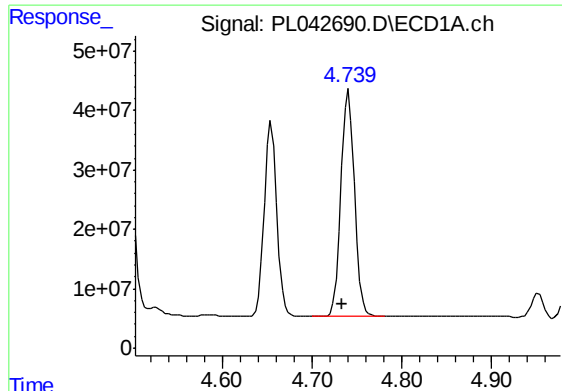
#4 Heptachlor

R.T.: 4.494 min
Delta R.T.: 0.008 min
Response: 399319832
Conc: 45.89 ng/ml



#4 Heptachlor

R.T.: 5.303 min
Delta R.T.: 0.002 min
Response: 205463580
Conc: 52.38 ng/ml



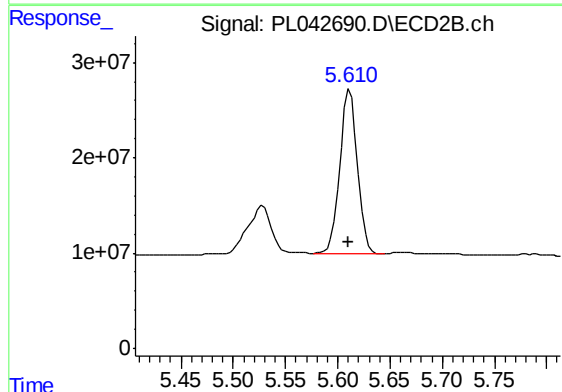
#5 Aldrin

R.T.: 4.741 min
Delta R.T.: 0.008 min
Response: 401778539
Conc: 49.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB115214BS

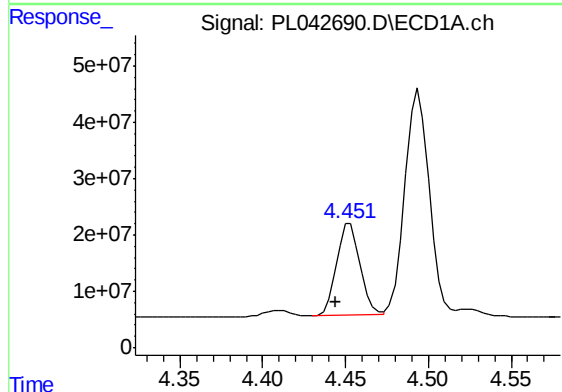
Manual Integrations
APPROVED

mohammad
12/4/2018 3:26:03 PM



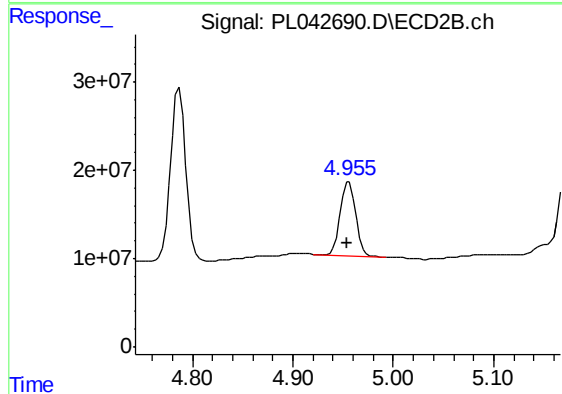
#5 Aldrin

R.T.: 5.612 min
Delta R.T.: 0.002 min
Response: 203578322
Conc: 53.01 ng/ml



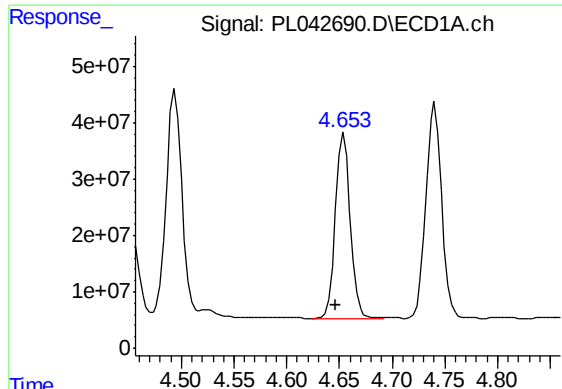
#6 beta-BHC

R.T.: 4.453 min
Delta R.T.: 0.009 min
Response: 160537114
Conc: 45.31 ng/ml



#6 beta-BHC

R.T.: 4.956 min
Delta R.T.: 0.002 min
Response: 87777509
Conc: 55.64 ng/ml



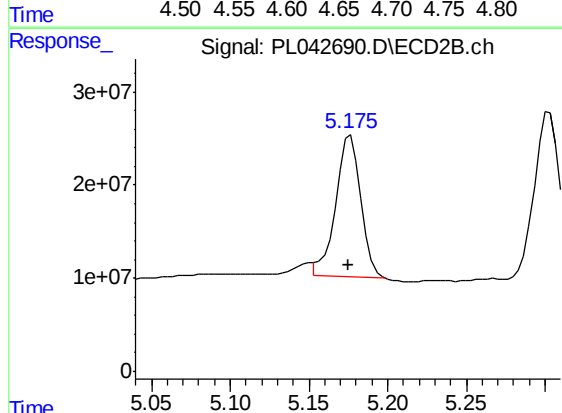
#7 delta-BHC

R.T.: 4.654 min
Delta R.T.: 0.008 min
Response: 322085821
Conc: 42.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB115214BS

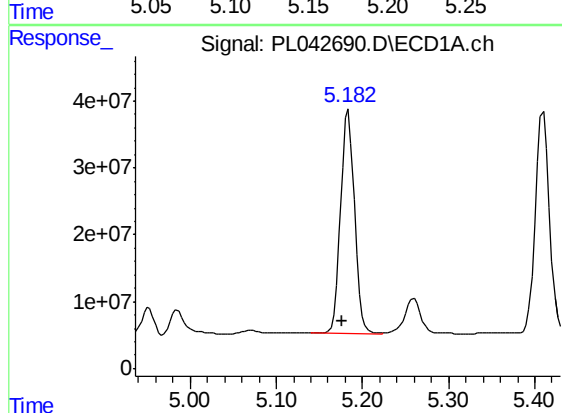
Manual Integrations
APPROVED

mohammad
12/4/2018 3:26:03 PM



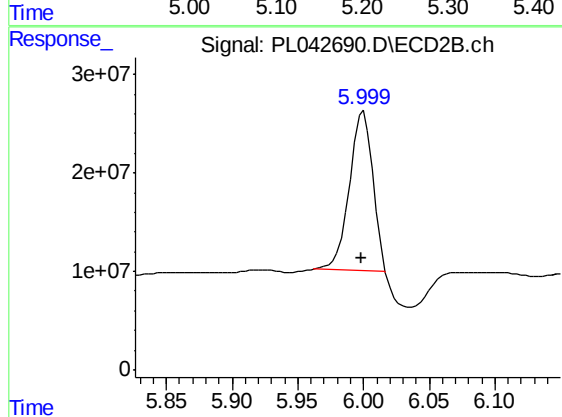
#7 delta-BHC

R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 172179081
Conc: 46.79 ng/ml m



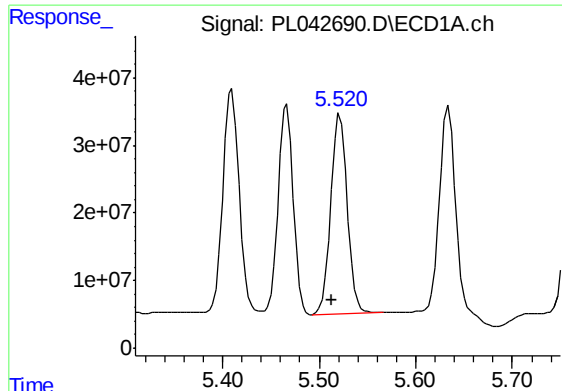
#8 Heptachlor epoxide

R.T.: 5.184 min
Delta R.T.: 0.007 min
Response: 374553937
Conc: 49.42 ng/ml



#8 Heptachlor epoxide

R.T.: 5.999 min
Delta R.T.: 0.000 min
Response: 199494942
Conc: 55.64 ng/ml m



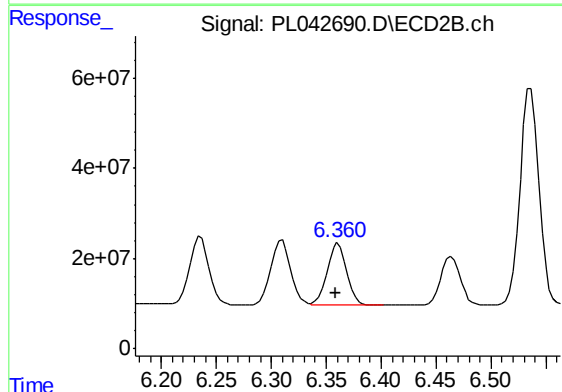
#9 Endosulfan I

R.T.: 5.522 min
Delta R.T.: 0.008 min
Response: 340605177
Conc: 49.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB115214BS

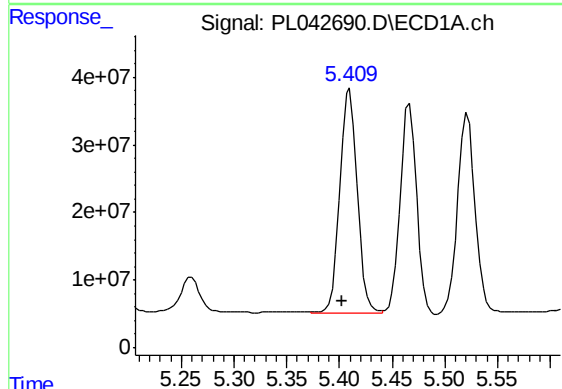
Manual Integrations
APPROVED

mohammad
12/4/2018 3:26:03 PM



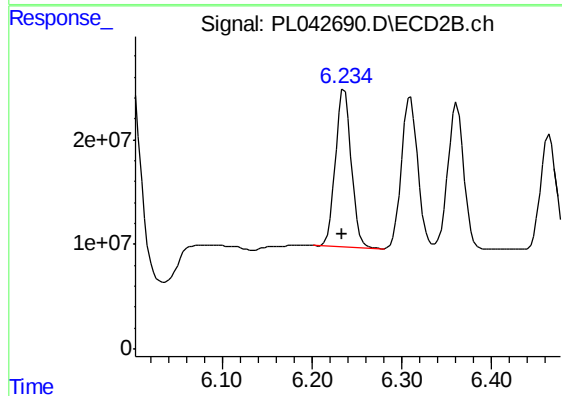
#9 Endosulfan I

R.T.: 6.361 min
Delta R.T.: 0.003 min
Response: 172949874
Conc: 54.77 ng/ml



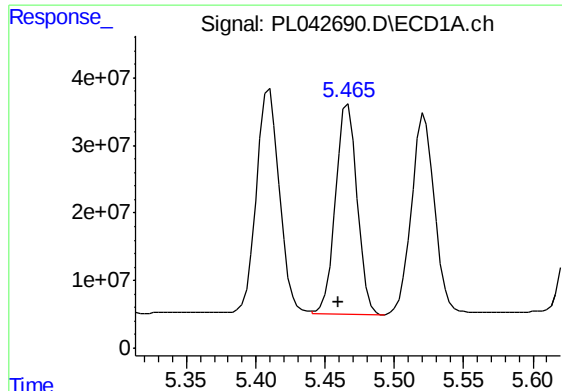
#10 gamma-Chlordane

R.T.: 5.410 min
Delta R.T.: 0.008 min
Response: 385194888
Conc: 50.52 ng/ml



#10 gamma-Chlordane

R.T.: 6.236 min
Delta R.T.: 0.003 min
Response: 185451261
Conc: 54.47 ng/ml



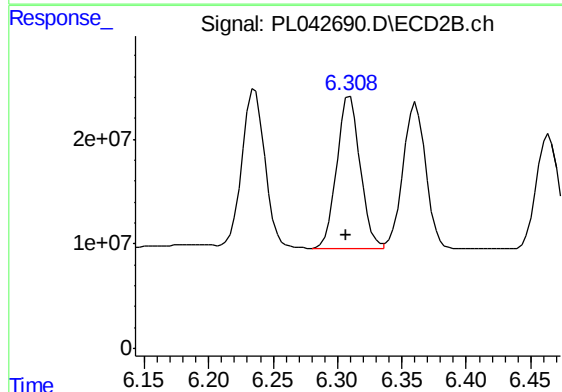
#11 alpha-Chlordane

R.T.: 5.467 min
Delta R.T.: 0.007 min
Response: 339879263
Conc: 45.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB115214BS

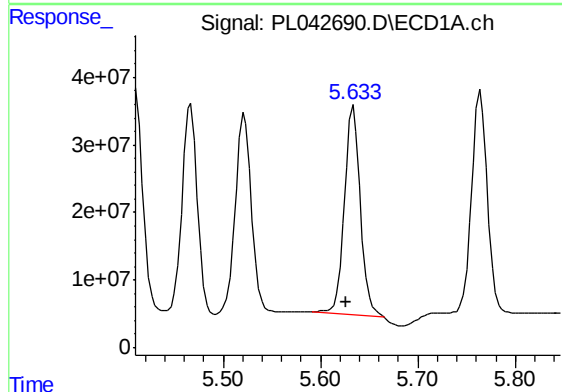
Manual Integrations
APPROVED

mohammad
12/4/2018 3:26:03 PM



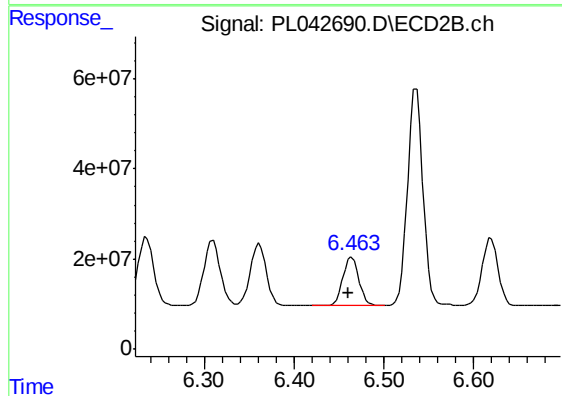
#11 alpha-Chlordane

R.T.: 6.310 min
Delta R.T.: 0.003 min
Response: 185469362
Conc: 55.47 ng/ml



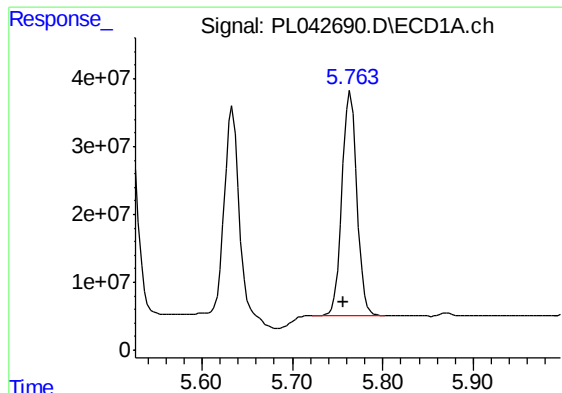
#12 4,4'-DDE

R.T.: 5.634 min
Delta R.T.: 0.008 min
Response: 353386277
Conc: 53.99 ng/ml



#12 4,4'-DDE

R.T.: 6.464 min
Delta R.T.: 0.004 min
Response: 132076159
Conc: 39.68 ng/ml



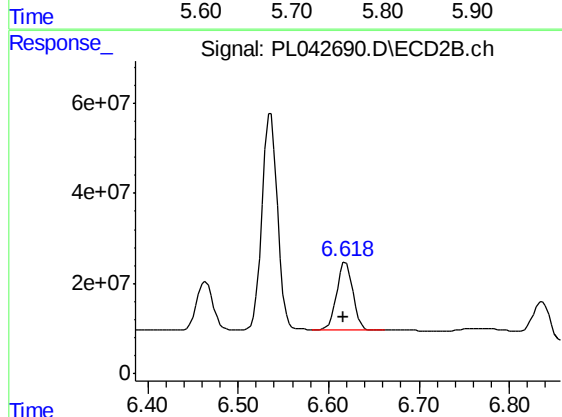
#13 Dieldrin

R.T.: 5.764 min
Delta R.T.: 0.008 min
Response: 370641023
Conc: 50.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB115214BS

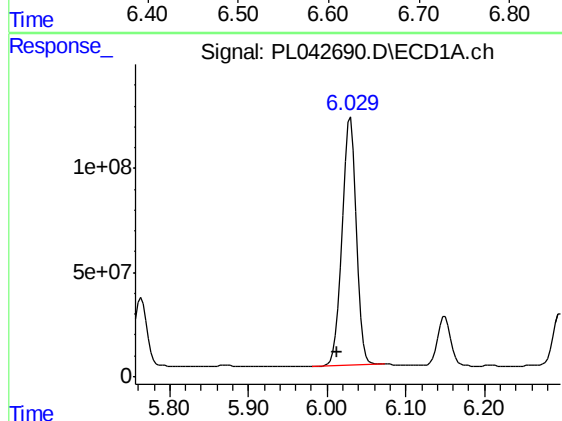
Manual Integrations
APPROVED

mohammad
12/4/2018 3:26:03 PM



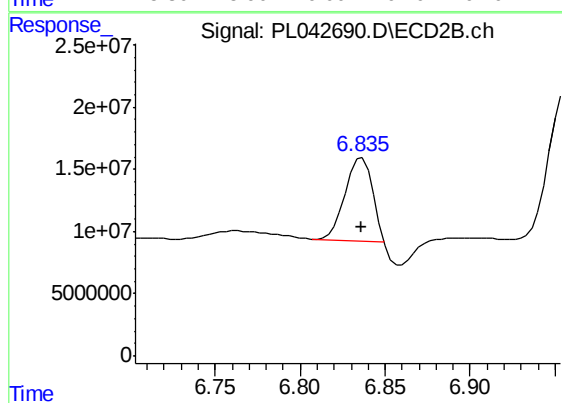
#13 Dieldrin

R.T.: 6.619 min
Delta R.T.: 0.003 min
Response: 183832253
Conc: 55.23 ng/ml



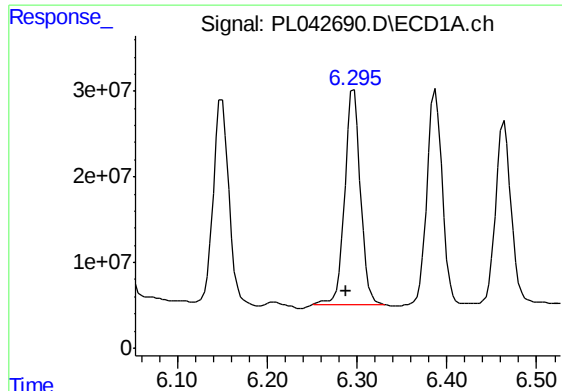
#14 Endrin

R.T.: 6.030 min
Delta R.T.: 0.017 min
Response: 1526592959
Conc: 233.41 ng/ml



#14 Endrin

R.T.: 6.835 min
Delta R.T.: 0.000 min
Response: 74728929
Conc: 27.13 ng/ml m



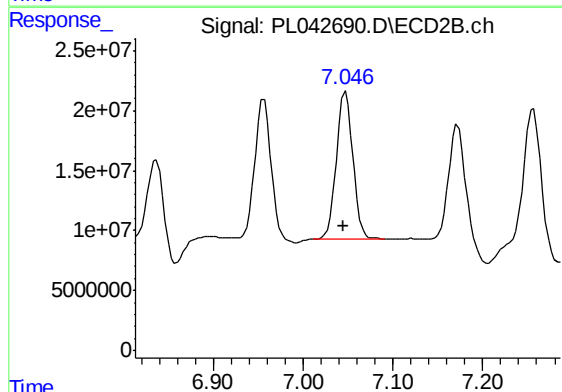
#15 Endosulfan II

R.T.: 6.296 min
Delta R.T.: 0.009 min
Response: 304662755
Conc: 48.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB115214BS

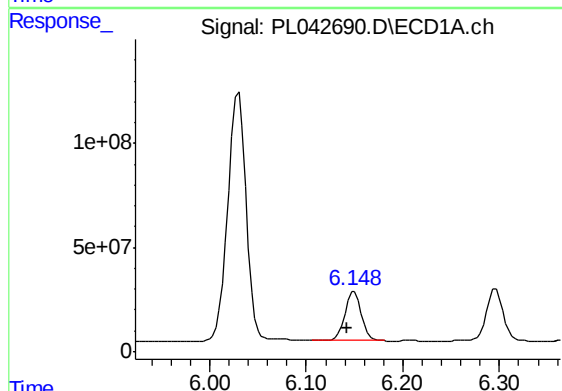
Manual Integrations
APPROVED

mohammad
12/4/2018 3:26:03 PM



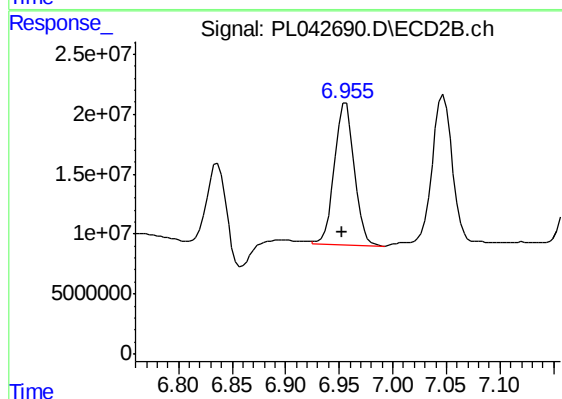
#15 Endosulfan II

R.T.: 7.047 min
Delta R.T.: 0.003 min
Response: 156574586
Conc: 56.69 ng/ml



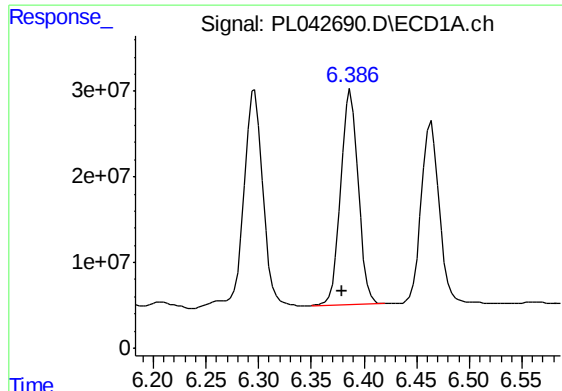
#16 4,4'-DDD

R.T.: 6.150 min
Delta R.T.: 0.008 min
Response: 275177245
Conc: 51.97 ng/ml



#16 4,4'-DDD

R.T.: 6.956 min
Delta R.T.: 0.003 min
Response: 153288041
Conc: 58.24 ng/ml



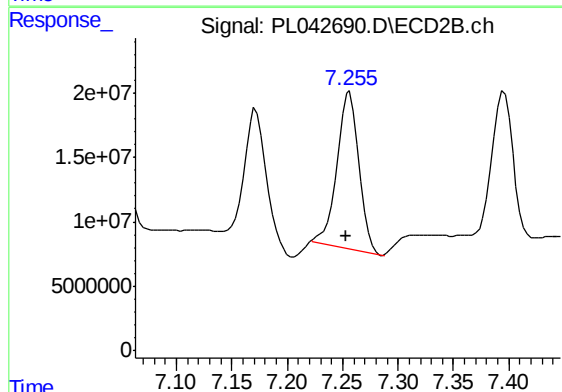
#17 4,4'-DDT

R.T.: 6.387 min
Delta R.T.: 0.008 min
Response: 289925177
Conc: 52.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB115214BS

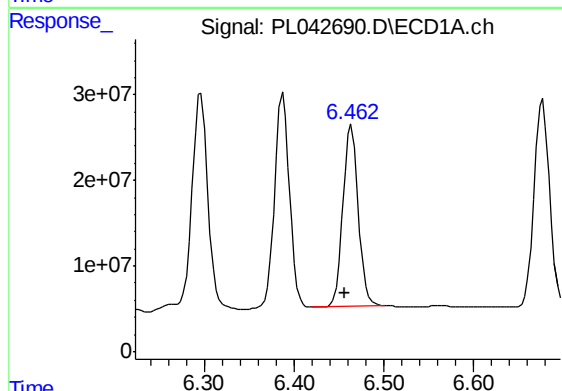
Manual Integrations
APPROVED

mohammad
12/4/2018 3:26:03 PM



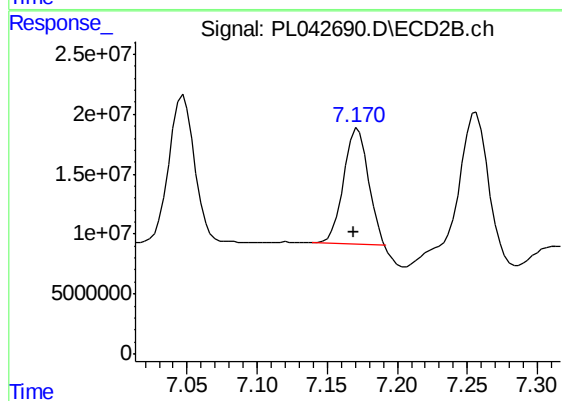
#17 4,4'-DDT

R.T.: 7.256 min
Delta R.T.: 0.003 min
Response: 170214985
Conc: 64.46 ng/ml



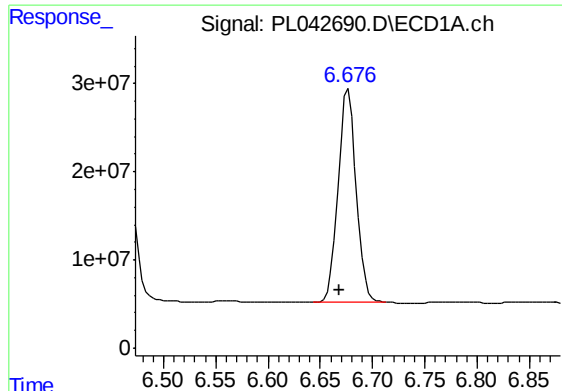
#18 Endrin aldehyde

R.T.: 6.464 min
Delta R.T.: 0.008 min
Response: 251857062
Conc: 48.45 ng/ml



#18 Endrin aldehyde

R.T.: 7.170 min
Delta R.T.: 0.002 min
Response: 119992691
Conc: 52.34 ng/ml m



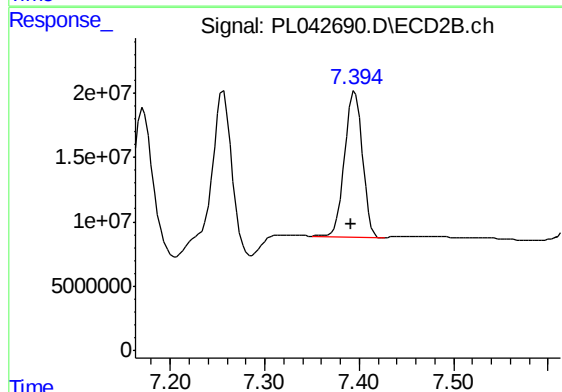
#19 Endosulfan Sulfate

R.T.: 6.677 min
Delta R.T.: 0.008 min
Response: 292892676
Conc: 46.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB115214BS

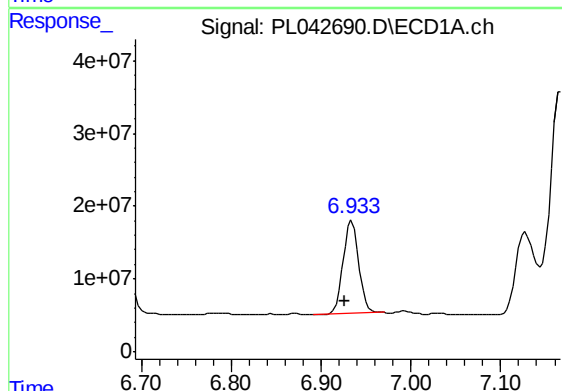
Manual Integrations
APPROVED

mohammad
12/4/2018 3:26:03 PM



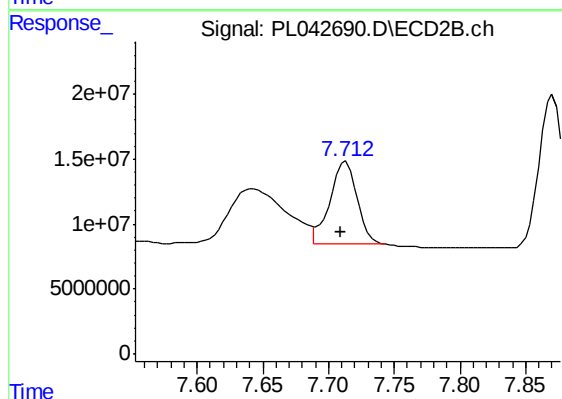
#19 Endosulfan Sulfate

R.T.: 7.396 min
Delta R.T.: 0.003 min
Response: 148299603
Conc: 53.33 ng/ml



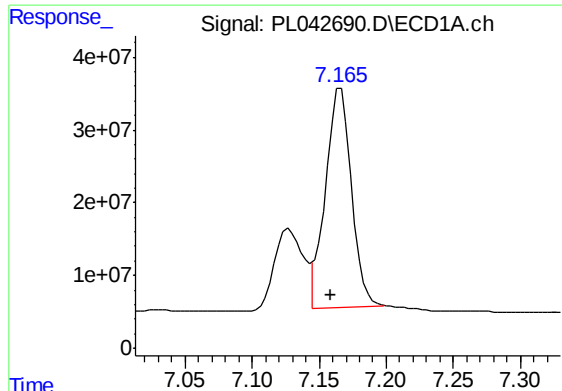
#20 Methoxychlor

R.T.: 6.934 min
Delta R.T.: 0.008 min
Response: 155949386
Conc: 49.45 ng/ml



#20 Methoxychlor

R.T.: 7.712 min
Delta R.T.: 0.003 min
Response: 91777590
Conc: 67.31 ng/ml m



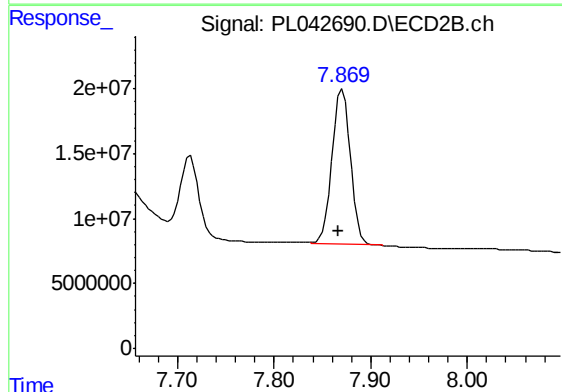
#21 Endrin ketone

R.T.: 7.165 min
Delta R.T.: 0.006 min
Response: 406277272
Conc: 58.67 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PB115214BS

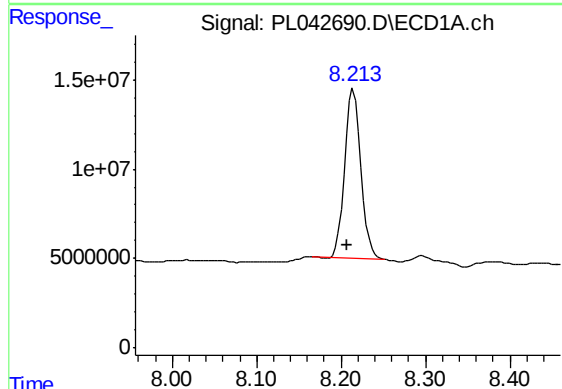
Manual Integrations
APPROVED

mohammad
12/4/2018 3:26:03 PM



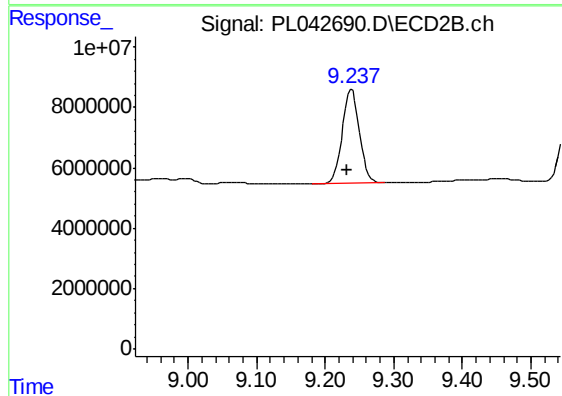
#21 Endrin ketone

R.T.: 7.871 min
Delta R.T.: 0.004 min
Response: 155485990
Conc: 56.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.215 min
Delta R.T.: 0.008 min
Response: 125426720
Conc: 19.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.239 min
Delta R.T.: 0.007 min
Response: 53430917
Conc: 22.15 ng/ml