

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060321\
 Data File : PL067062.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jun 2021 21:21
 Operator : AR\AJ
 Sample : M2580-11MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 18-B4(2-4)MSD

Manual Integrations
 APPROVED

Ankita
 6/4/2021 2:09:17 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 02:39:54 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL060121.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 02 14:20:39 2021
 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...	4.479	5.531	9734233	14332999	23.771m	22.156
2)	SA Decachlor...	10.221	11.448	11220543	12470011	17.352m	14.946m
Target Compounds							
2)	A alpha-BHC	5.180	6.111	39804253	58027799	75.265	73.511
3)	MA gamma-BHC...	5.597	6.505	60870402	56157488	109.286	74.124m#
4)	MA Heptachlor	6.011	7.152	29386103	32999712	55.940	46.787m
5)	MB Aldrin	6.333	7.523	39566985	50205954	72.343	68.737m
6)	B beta-BHC	5.983	6.761	20228014	23781069	75.943	63.062
7)	B delta-BHC	6.238	7.027	42665550	55698599	80.416m	73.354
8)	B Heptachlo...	6.905	7.989	37329887	59592308	70.374m	85.346
9)	A Endosulfan I	7.308	8.395	52239743	35267548	99.357	55.132 #
10)	B gamma-Chl...	7.184	8.258	58601774	66803246	102.278	94.066m
11)	B alpha-Chl...	7.253	8.341	61275593	72032732	106.567	101.400
12)	B 4,4'-DDE	7.471	8.529	42626997	58729949	79.839	89.844
13)	MA Dieldrin	7.589	8.684	89362476	93020830	160.249m	140.727
14)	MA Endrin	7.874	8.923	36288348	37803381	70.071m	66.934
15)	B Endosulfa...	8.187	9.157	29863273	34995522	57.640	56.731
16)	A 4,4'-DDD	8.051	9.068	29034655	49886100	64.081m	92.313 #
17)	MA 4,4'-DDT	8.310	9.384	29011605	21512590	62.933	41.254m#
18)	B Endrin al...	8.374	9.292	20962368	23321200	45.537	42.861
19)	B Endosulfa...	8.604	9.529	29612383	32108934	53.603m	51.605
20)	A Methoxychlor	8.909	9.872	18829315	13972857	63.162	43.992 #
21)	B Endrin ke...	9.115	10.026	26150723	33423576	40.862	46.098
22)	Mirex	9.302	10.492	23121770	28518323	39.969m	44.309

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060321\
Data File : PL067062.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jun 2021 21:21
Operator : AR\AJ
Sample : M2580-11MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

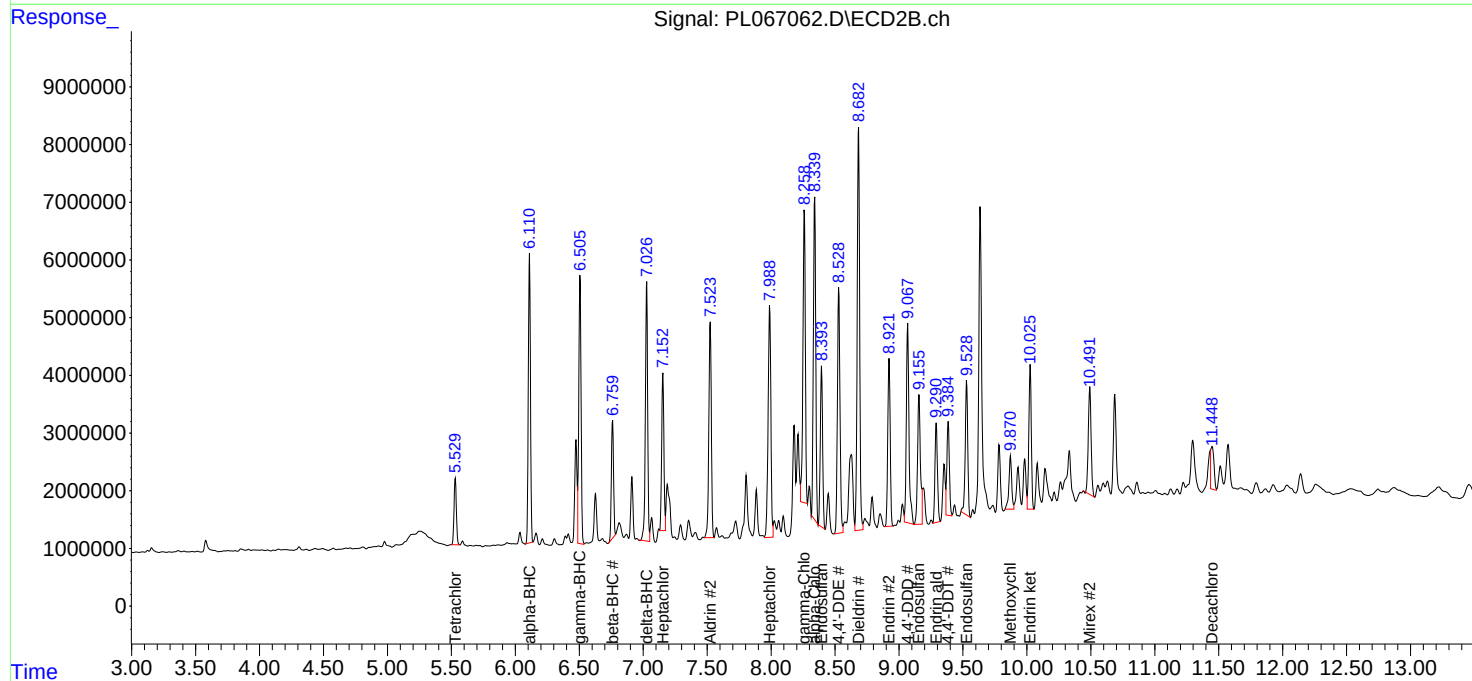
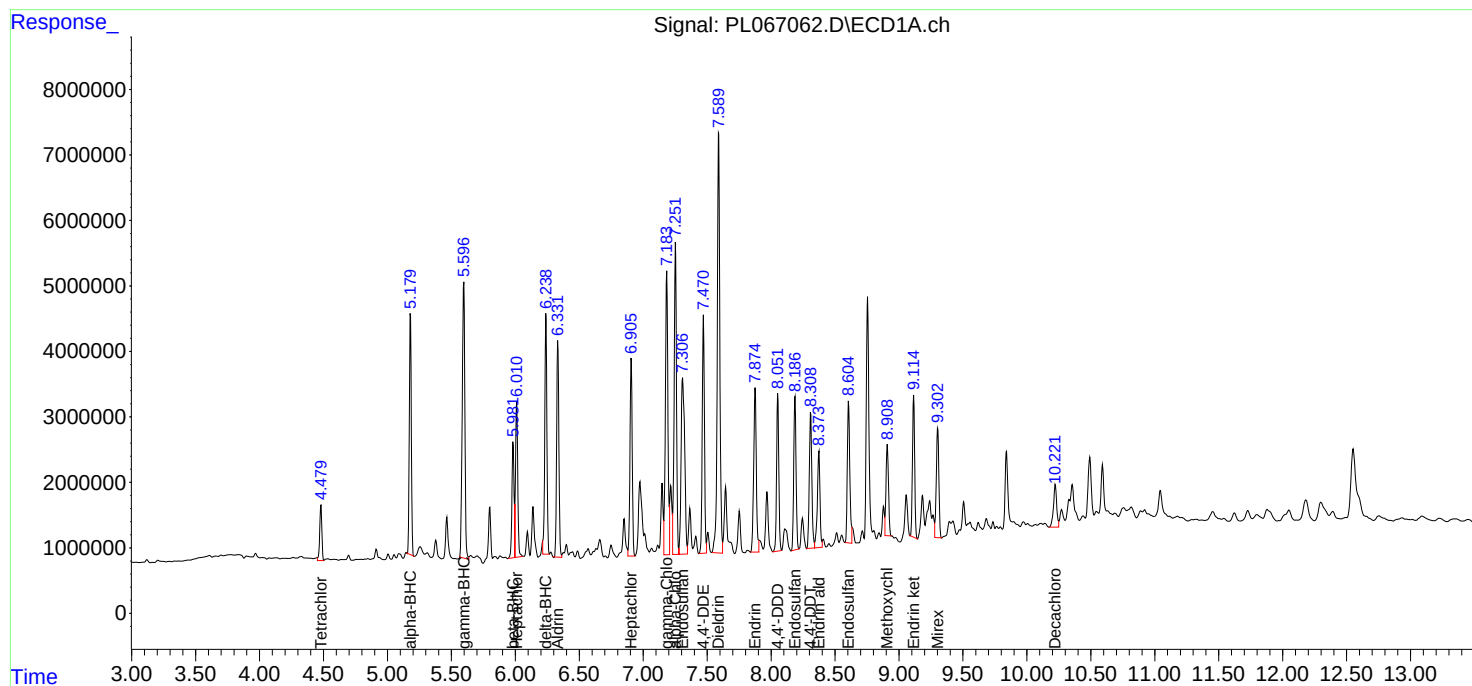
Instrument :
ECD_L
ClientSampled :
18-B4(2-4)MSD

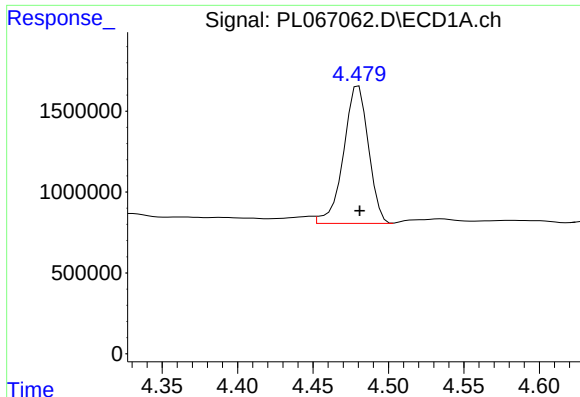
Manual Integrations
APPROVED

Ankita
6/4/2021 2:09:17 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 04 02:39:54 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL060121.M
Quant Title : GC Extractables
QLast Update : Wed Jun 02 14:20:39 2021
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





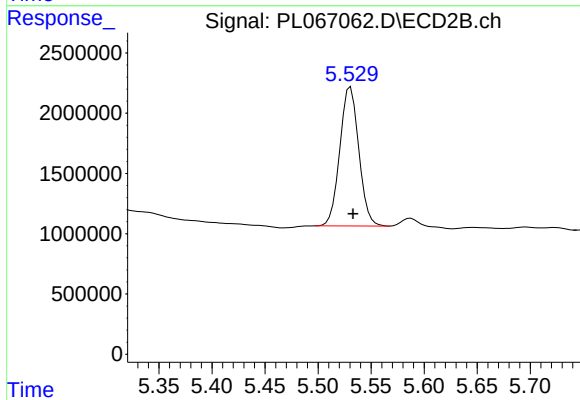
#1 Tetrachloro-m-xylene

R.T.: 4.479 min
Delta R.T.: -0.002 min
Response: 9734233
Conc: 23.77 ng/ml m

Instrument :
ECD_L
ClientSampleId :
18-B4(2-4)MSD

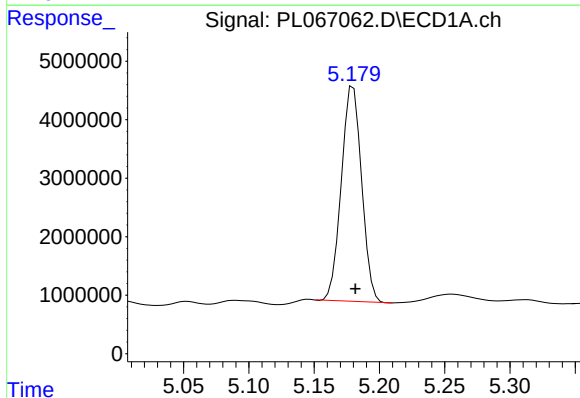
Manual Integrations
APPROVED

Ankita
6/4/2021 2:09:17 PM



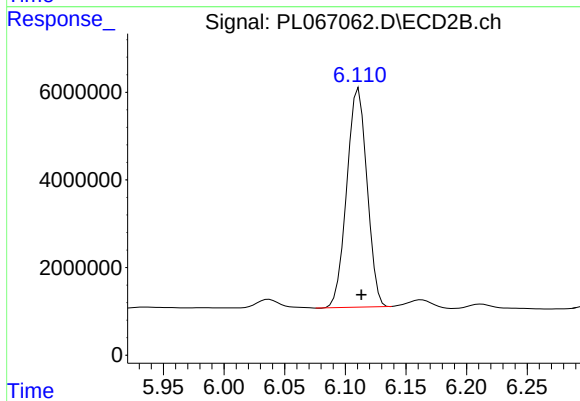
#1 Tetrachloro-m-xylene

R.T.: 5.531 min
Delta R.T.: -0.002 min
Response: 14332999
Conc: 22.16 ng/ml



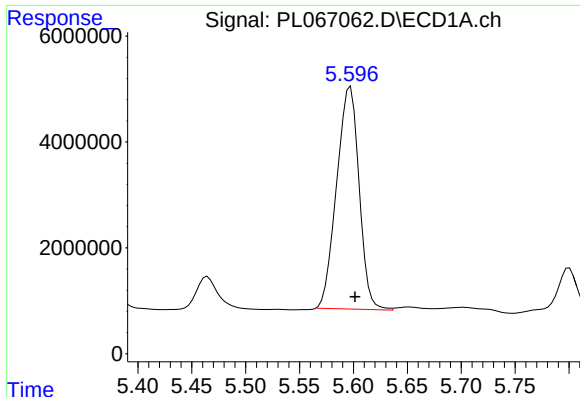
#2 alpha-BHC

R.T.: 5.180 min
Delta R.T.: -0.002 min
Response: 39804253
Conc: 75.26 ng/ml



#2 alpha-BHC

R.T.: 6.111 min
Delta R.T.: -0.002 min
Response: 58027799
Conc: 73.51 ng/ml



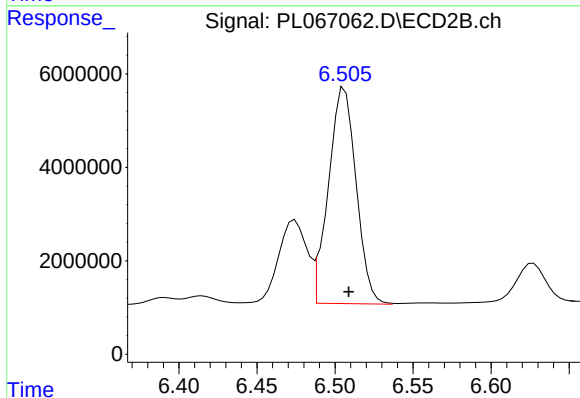
#3 gamma-BHC (Lindane)

R.T.: 5.597 min
Delta R.T.: -0.004 min
Response: 60870402
Conc: 109.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
18-B4(2-4)MSD

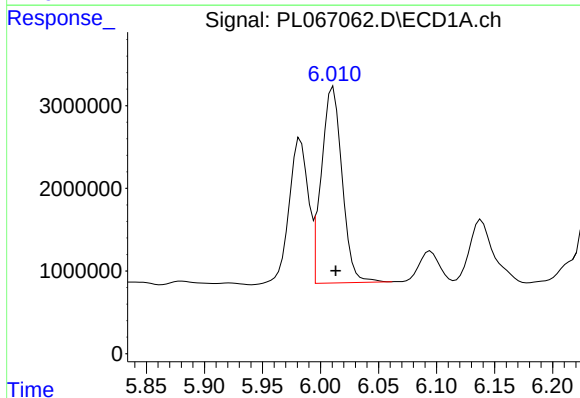
Manual Integrations
APPROVED

Ankita
6/4/2021 2:09:17 PM



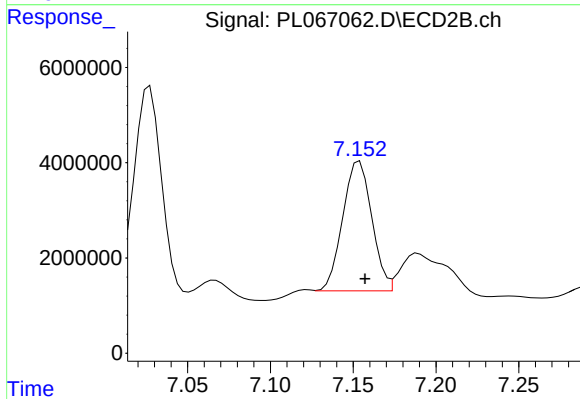
#3 gamma-BHC (Lindane)

R.T.: 6.505 min
Delta R.T.: -0.004 min
Response: 56157488
Conc: 74.12 ng/ml m



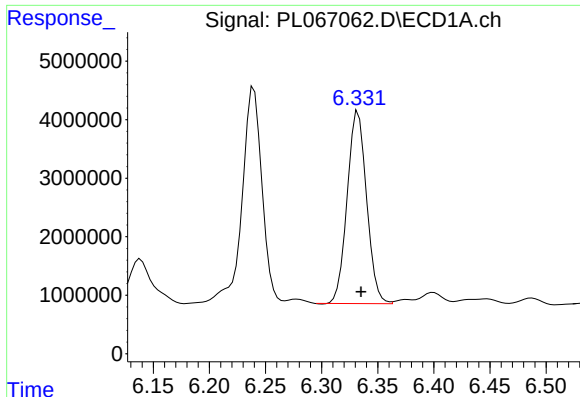
#4 Heptachlor

R.T.: 6.011 min
Delta R.T.: -0.002 min
Response: 29386103
Conc: 55.94 ng/ml



#4 Heptachlor

R.T.: 7.152 min
Delta R.T.: -0.005 min
Response: 32999712
Conc: 46.79 ng/ml m



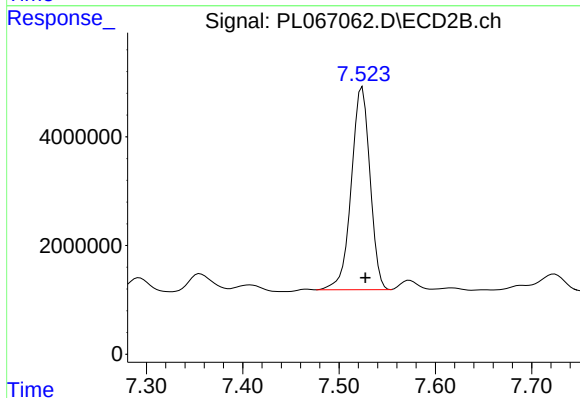
#5 Aldrin

R.T.: 6.333 min
Delta R.T.: -0.002 min
Response: 39566985
Conc: 72.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
18-B4(2-4)MSD

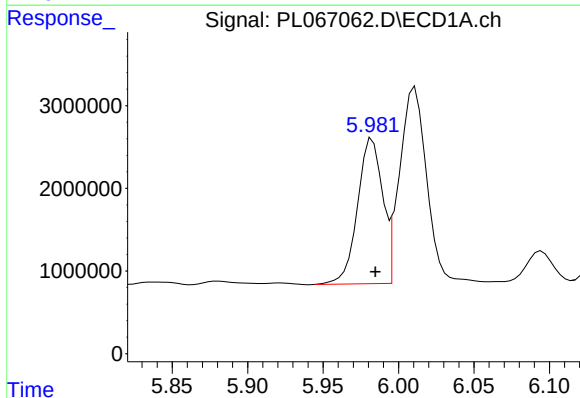
Manual Integrations
APPROVED

Ankita
6/4/2021 2:09:17 PM



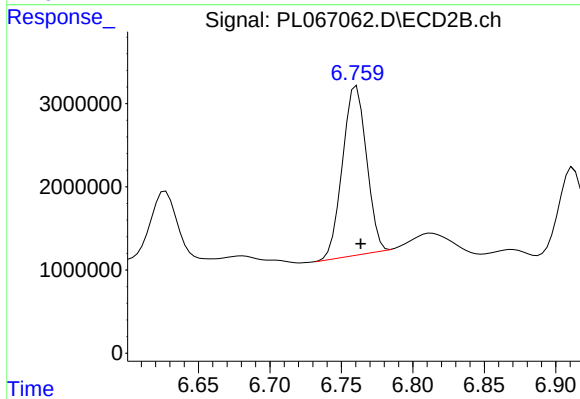
#5 Aldrin

R.T.: 7.523 min
Delta R.T.: -0.005 min
Response: 50205954
Conc: 68.74 ng/ml m



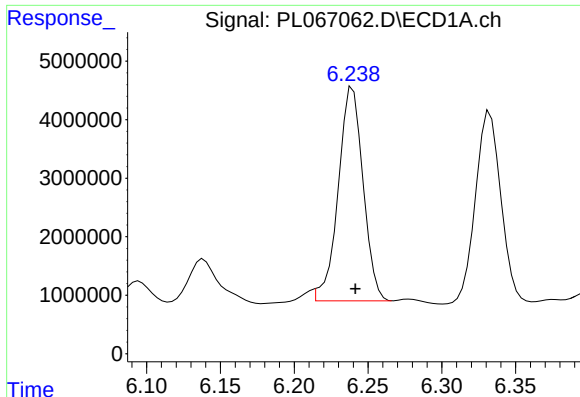
#6 beta-BHC

R.T.: 5.983 min
Delta R.T.: -0.002 min
Response: 20228014
Conc: 75.94 ng/ml



#6 beta-BHC

R.T.: 6.761 min
Delta R.T.: -0.003 min
Response: 23781069
Conc: 63.06 ng/ml



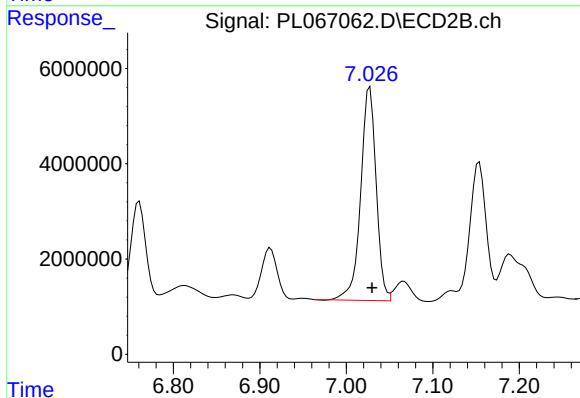
#7 delta-BHC

R.T.: 6.238 min
Delta R.T.: -0.003 min
Response: 42665550
Conc: 80.42 ng/ml m

Instrument :
ECD_L
ClientSampleId :
18-B4(2-4)MSD

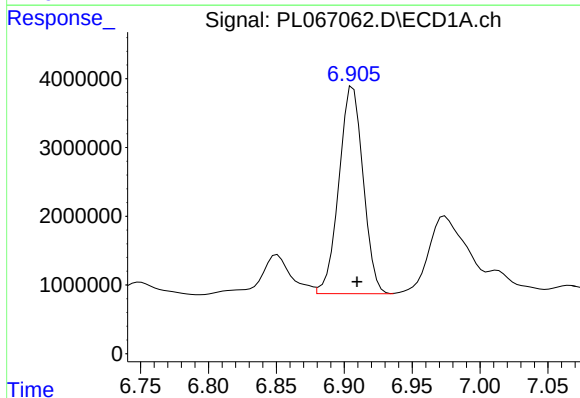
Manual Integrations
APPROVED

Ankita
6/4/2021 2:09:17 PM



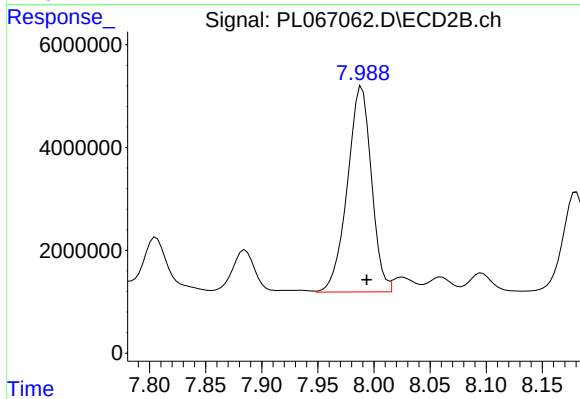
#7 delta-BHC

R.T.: 7.027 min
Delta R.T.: -0.002 min
Response: 55698599
Conc: 73.35 ng/ml



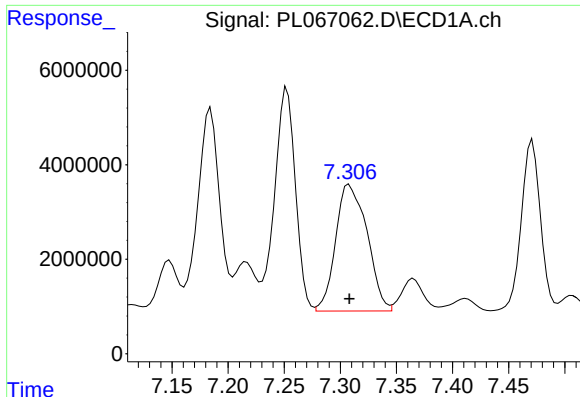
#8 Heptachlor epoxide

R.T.: 6.905 min
Delta R.T.: -0.004 min
Response: 37329887
Conc: 70.37 ng/ml m



#8 Heptachlor epoxide

R.T.: 7.989 min
Delta R.T.: -0.004 min
Response: 59592308
Conc: 85.35 ng/ml



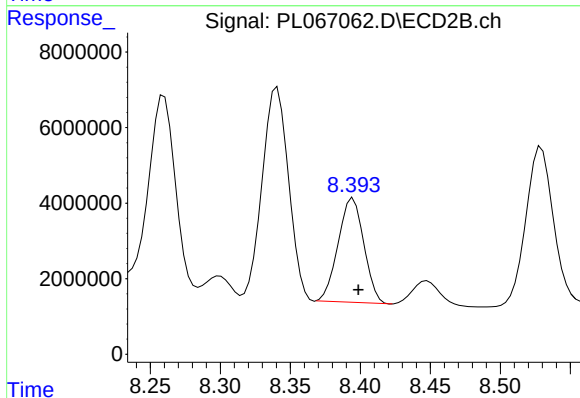
#9 Endosulfan I

R.T.: 7.308 min
Delta R.T.: 0.000 min
Response: 52239743
Conc: 99.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
18-B4(2-4)MSD

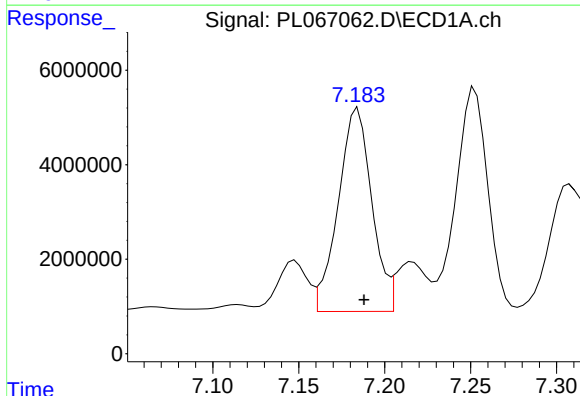
Manual Integrations
APPROVED

Ankita
6/4/2021 2:09:17 PM



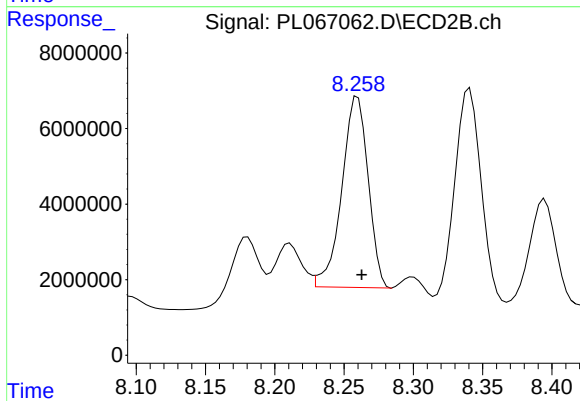
#9 Endosulfan I

R.T.: 8.395 min
Delta R.T.: -0.004 min
Response: 35267548
Conc: 55.13 ng/ml



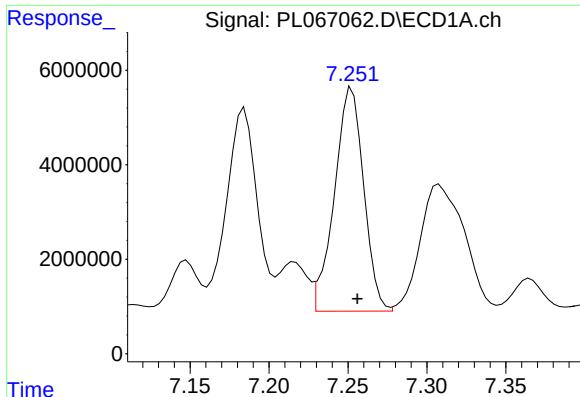
#10 gamma-Chlordane

R.T.: 7.184 min
Delta R.T.: -0.003 min
Response: 58601774
Conc: 102.28 ng/ml



#10 gamma-Chlordane

R.T.: 8.258 min
Delta R.T.: -0.004 min
Response: 66803246
Conc: 94.07 ng/ml m



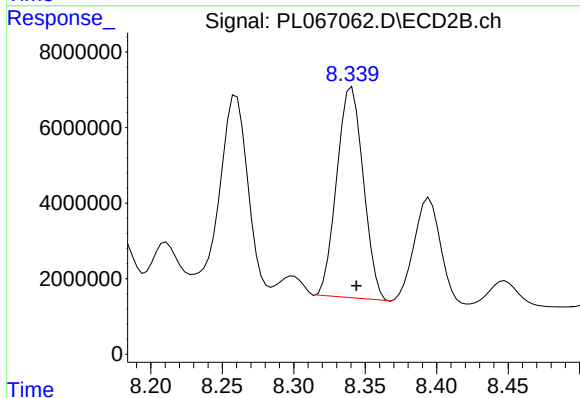
#11 alpha-Chlordane

R.T.: 7.253 min
Delta R.T.: -0.004 min
Response: 61275593
Conc: 106.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
18-B4(2-4)MSD

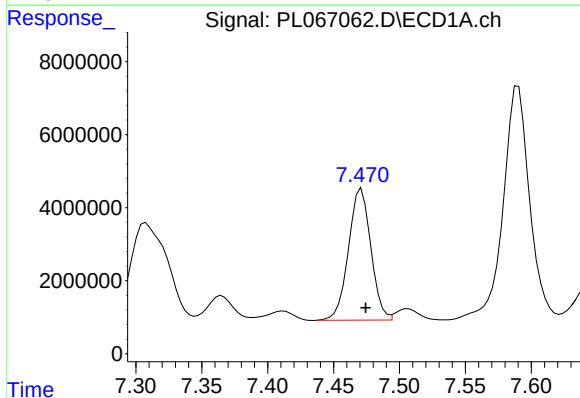
Manual Integrations
APPROVED

Ankita
6/4/2021 2:09:17 PM



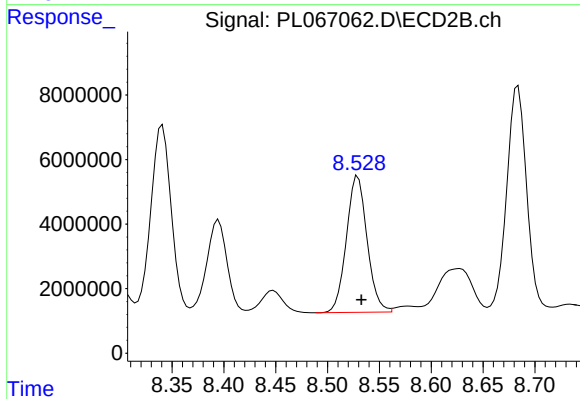
#11 alpha-Chlordane

R.T.: 8.341 min
Delta R.T.: -0.003 min
Response: 72032732
Conc: 101.40 ng/ml



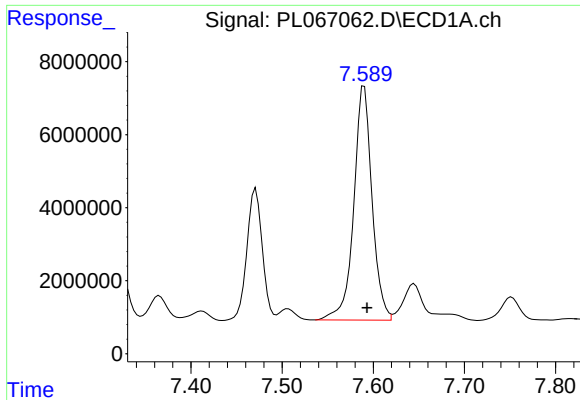
#12 4,4'-DDE

R.T.: 7.471 min
Delta R.T.: -0.003 min
Response: 42626997
Conc: 79.84 ng/ml



#12 4,4'-DDE

R.T.: 8.529 min
Delta R.T.: -0.004 min
Response: 58729949
Conc: 89.84 ng/ml



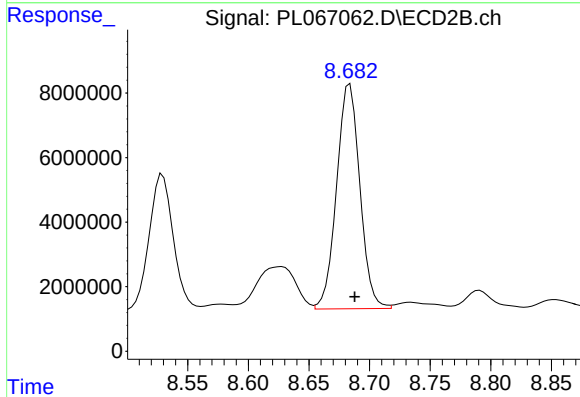
#13 Dieldrin

R.T.: 7.589 min
Delta R.T.: -0.004 min
Response: 89362476
Conc: 160.25 ng/ml m

Instrument :
ECD_L
ClientSampleId :
18-B4(2-4)MSD

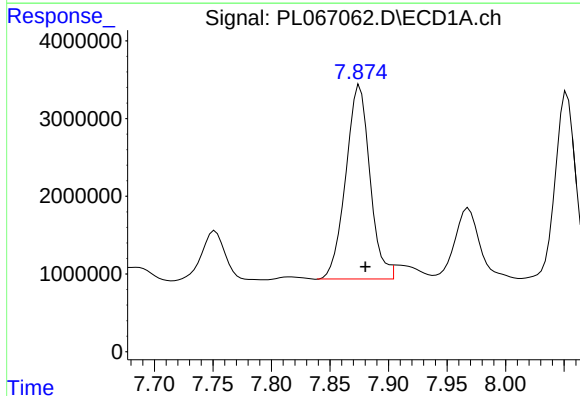
Manual Integrations
APPROVED

Ankita
6/4/2021 2:09:17 PM



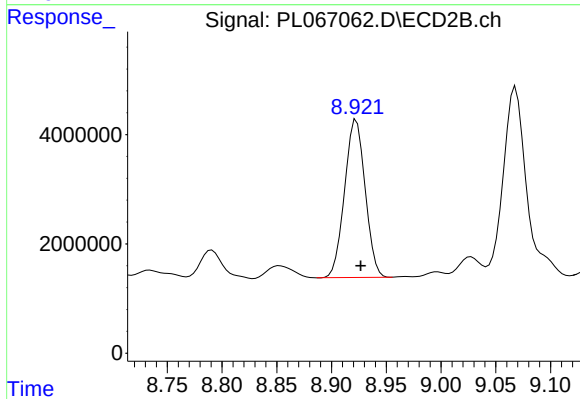
#13 Dieldrin

R.T.: 8.684 min
Delta R.T.: -0.004 min
Response: 93020830
Conc: 140.73 ng/ml



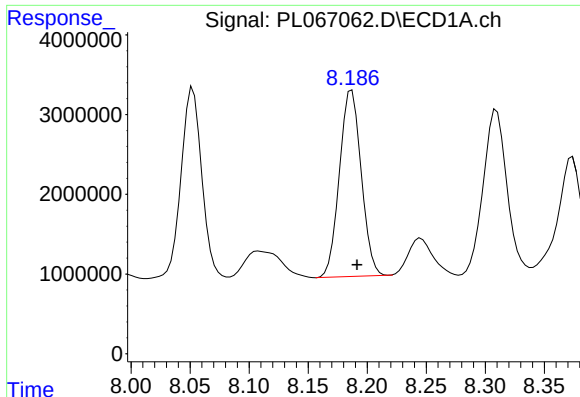
#14 Endrin

R.T.: 7.874 min
Delta R.T.: -0.006 min
Response: 36288348
Conc: 70.07 ng/ml m



#14 Endrin

R.T.: 8.923 min
Delta R.T.: -0.004 min
Response: 37803381
Conc: 66.93 ng/ml



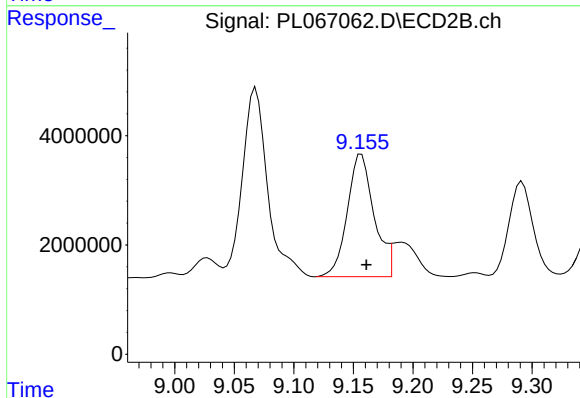
#15 Endosulfan II

R.T.: 8.187 min
Delta R.T.: -0.004 min
Response: 29863273
Conc: 57.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
18-B4(2-4)MSD

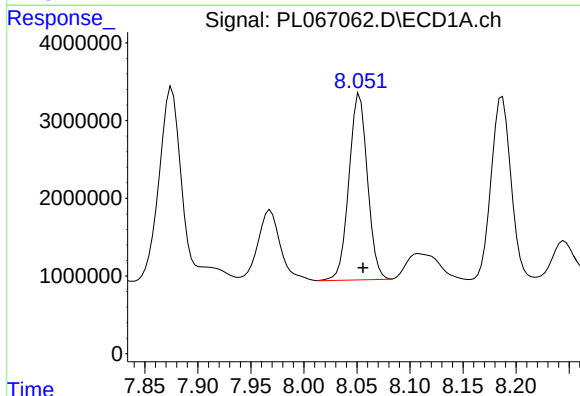
Manual Integrations
APPROVED

Ankita
6/4/2021 2:09:17 PM



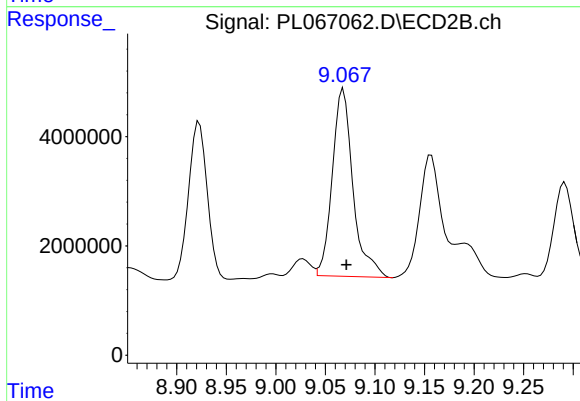
#15 Endosulfan II

R.T.: 9.157 min
Delta R.T.: -0.004 min
Response: 34995522
Conc: 56.73 ng/ml



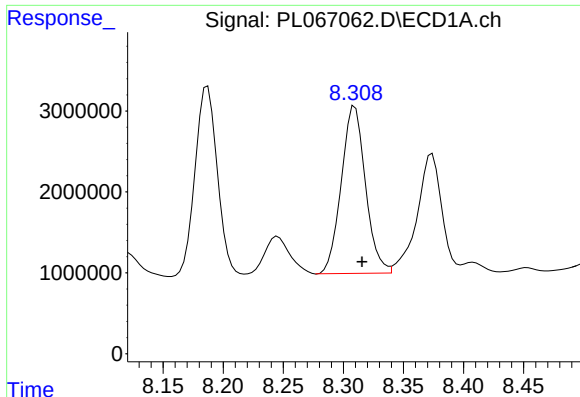
#16 4,4'-DDD

R.T.: 8.051 min
Delta R.T.: -0.005 min
Response: 29034655
Conc: 64.08 ng/ml m



#16 4,4'-DDD

R.T.: 9.068 min
Delta R.T.: -0.003 min
Response: 49886100
Conc: 92.31 ng/ml



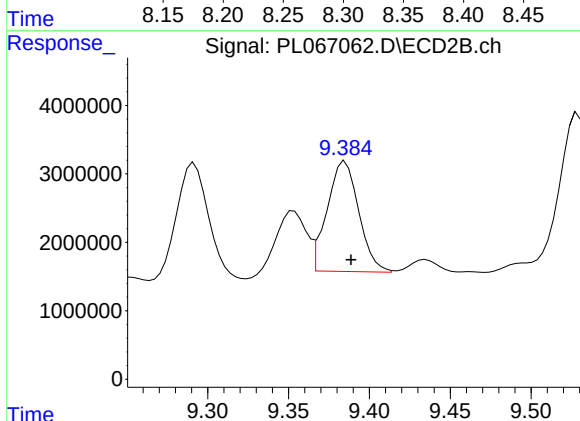
#17 4,4'-DDT

R.T.: 8.310 min
Delta R.T.: -0.006 min
Response: 29011605
Conc: 62.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
18-B4(2-4)MSD

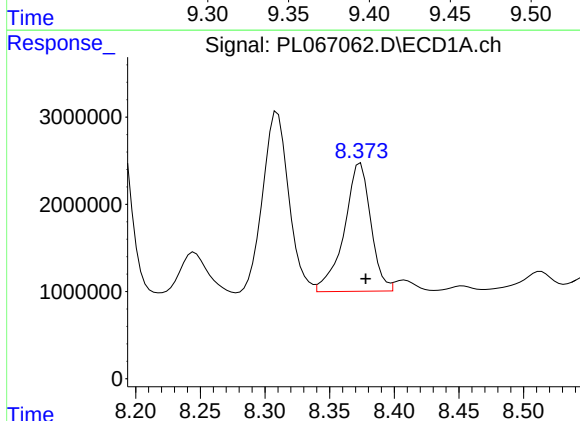
Manual Integrations
APPROVED

Ankita
6/4/2021 2:09:17 PM



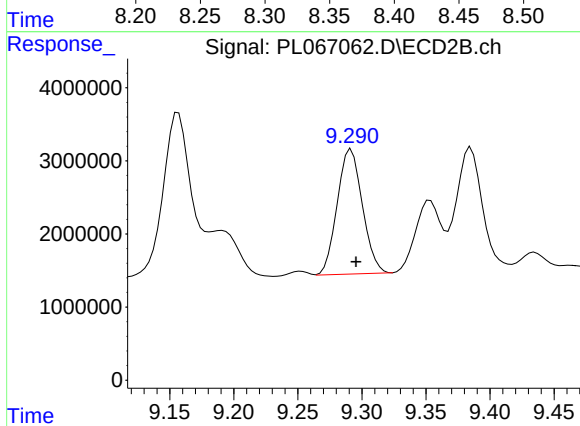
#17 4,4'-DDT

R.T.: 9.384 min
Delta R.T.: -0.005 min
Response: 21512590
Conc: 41.25 ng/ml m



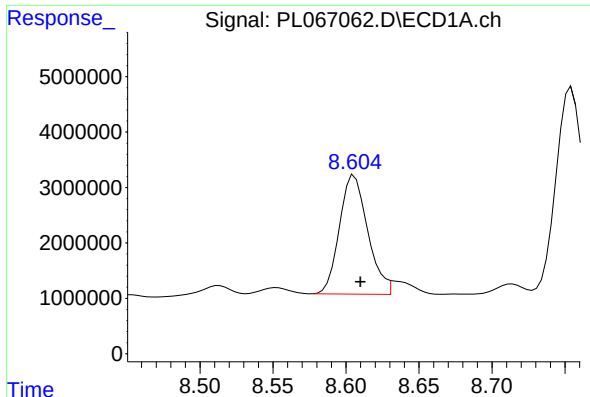
#18 Endrin aldehyde

R.T.: 8.374 min
Delta R.T.: -0.004 min
Response: 20962368
Conc: 45.54 ng/ml



#18 Endrin aldehyde

R.T.: 9.292 min
Delta R.T.: -0.004 min
Response: 23321200
Conc: 42.86 ng/ml



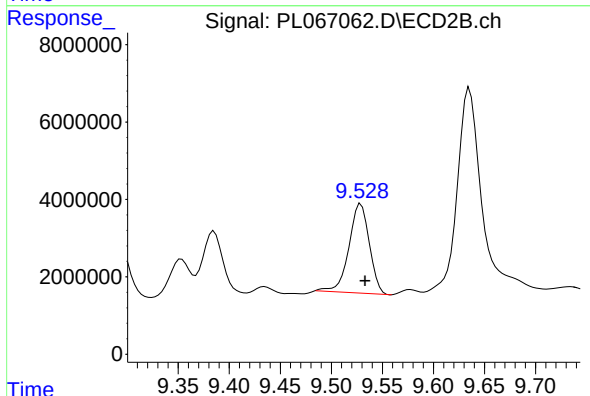
#19 Endosulfan Sulfate

R.T.: 8.604 min
Delta R.T.: -0.005 min
Response: 29612383
Conc: 53.60 ng/ml m

Instrument :
ECD_L
ClientSampleId :
18-B4(2-4)MSD

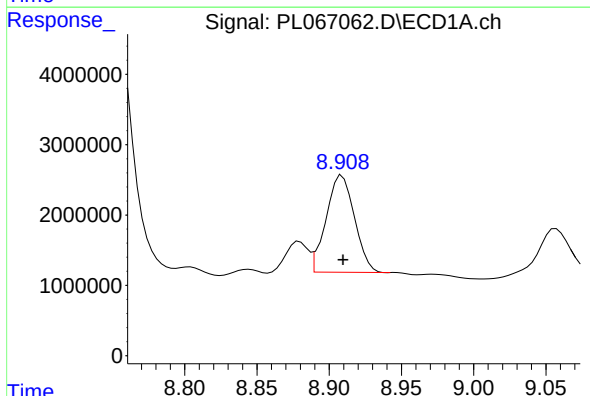
Manual Integrations
APPROVED

Ankita
6/4/2021 2:09:17 PM



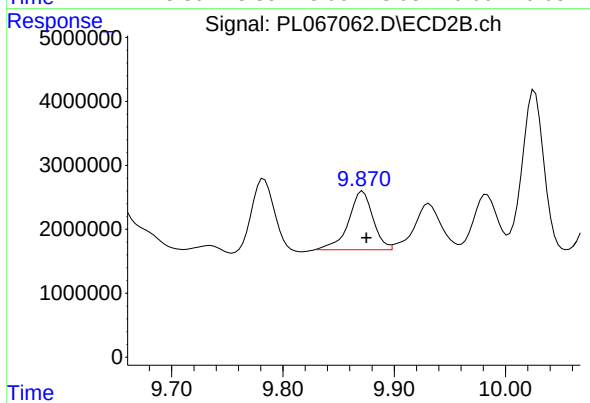
#19 Endosulfan Sulfate

R.T.: 9.529 min
Delta R.T.: -0.004 min
Response: 32108934
Conc: 51.60 ng/ml



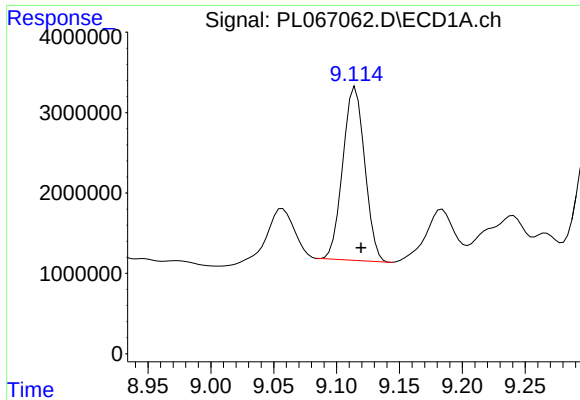
#20 Methoxychlor

R.T.: 8.909 min
Delta R.T.: 0.000 min
Response: 18829315
Conc: 63.16 ng/ml



#20 Methoxychlor

R.T.: 9.872 min
Delta R.T.: -0.003 min
Response: 13972857
Conc: 43.99 ng/ml



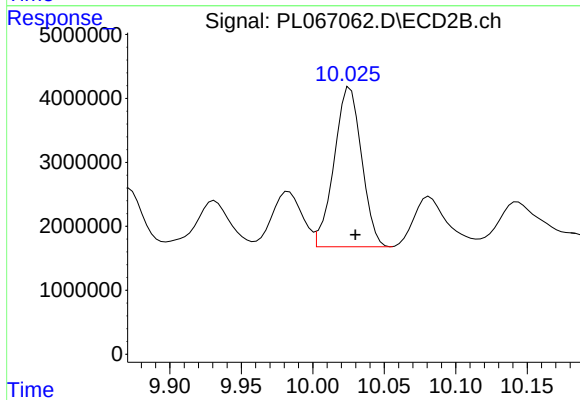
#21 Endrin ketone

R.T.: 9.115 min
Delta R.T.: -0.004 min
Response: 26150723
Conc: 40.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
18-B4(2-4)MSD

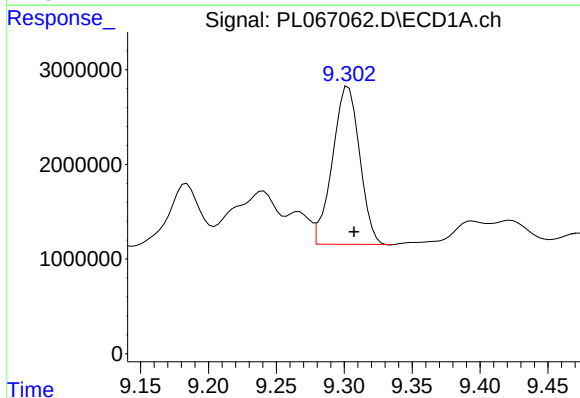
Manual Integrations
APPROVED

Ankita
6/4/2021 2:09:17 PM



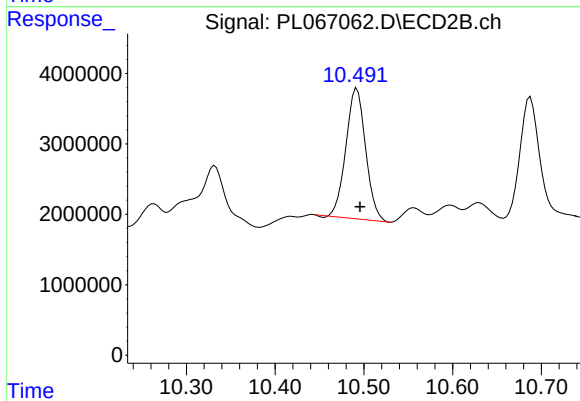
#21 Endrin ketone

R.T.: 10.026 min
Delta R.T.: -0.004 min
Response: 33423576
Conc: 46.10 ng/ml



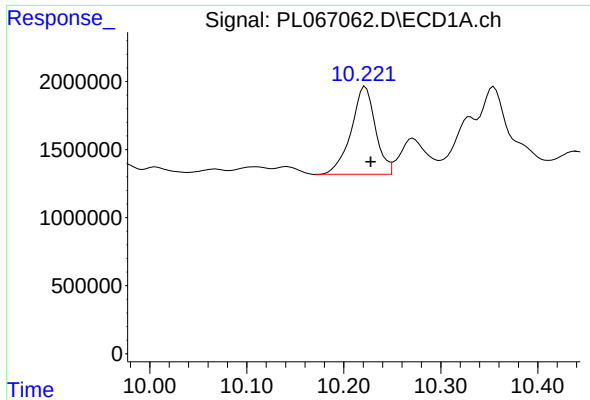
#22 Mirex

R.T.: 9.302 min
Delta R.T.: -0.006 min
Response: 23121770
Conc: 39.97 ng/ml m



#22 Mirex

R.T.: 10.492 min
Delta R.T.: -0.004 min
Response: 28518323
Conc: 44.31 ng/ml



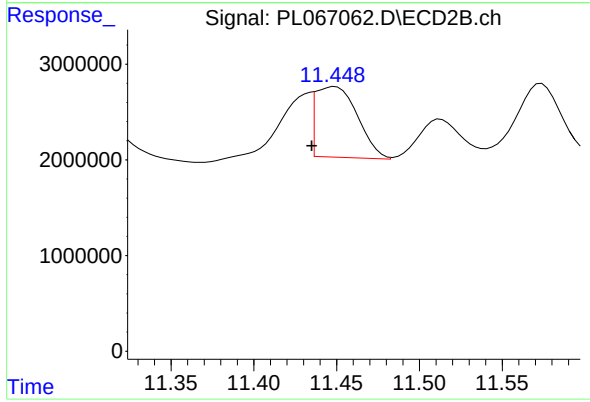
#28 Decachlorobiphenyl

R.T.: 10.221 min
Delta R.T.: -0.007 min
Response: 11220543
Conc: 17.35 ng/ml m

Instrument :
ECD_L
ClientSampleId :
18-B4(2-4)MSD

Manual Integrations
APPROVED

Ankita
6/4/2021 2:09:17 PM



#28 Decachlorobiphenyl

R.T.: 11.448 min
Delta R.T.: 0.013 min
Response: 12470011
Conc: 14.95 ng/ml m