

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031919\
 Data File : PL046153.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Mar 2019 16:37
 Operator : AJ\SJ
 Sample : K1941-07MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SPMSD

Manual Integrations
 APPROVED

Sohil
 3/20/2019 10:08:37 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 02:12:17 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022719.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 27 17:00:03 2019
 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...	3.360	3.979	106.0E6	33369474	15.412	15.582
28)	SA Decachlor...	8.038	9.033	121.5E6	35536056	14.519	15.552
Target Compounds							
2)	A alpha-BHC	3.789	4.369	504.7E6	137.9E6	45.435	45.397
3)	MA gamma-BHC...	4.066	4.652	464.5E6	128.1E6	45.961	45.335m
4)	MA Heptachlor	4.354	5.160	466.5E6	129.1E6	44.204	43.385
5)	MB Aldrin	4.594	5.464	441.3E6	120.1E6	45.374	44.467
6)	B beta-BHC	4.319	4.825	190.4E6	57999838	44.418	45.671
7)	B delta-BHC	4.515	5.041	437.6E6	102.9E6	45.781	47.821
8)	B Heptachlo...	5.031	5.850	416.2E6	110.5E6	44.590	45.985
9)	A Endosulfan I	5.363	6.206	388.6E6	107.7E6	43.473	43.263
10)	B gamma-Chl...	5.254	6.084	424.2E6	117.2E6	43.339	43.691
11)	B alpha-Chl...	5.311	6.156	417.2E6	116.9E6	43.019	43.326
12)	B 4,4'-DDE	5.478	6.314	384.4E6	102.5E6	43.786	43.882
13)	MA Dieldrin	5.603	6.463	424.1E6	112.7E6	44.367	43.840
14)	MA Endrin	5.855	6.680	348.0E6	85842181	38.646m	37.728
15)	B Endosulfa...	6.130	6.890	377.3E6	100.4E6	43.525	42.699
16)	A 4,4'-DDD	5.989	6.804	335.3E6	86311844	45.794	44.882
17)	MA 4,4'-DDT	6.224	7.102	299.1E6	78419482	39.882	39.737
18)	B Endrin al...	6.297	7.014	305.8E6	84891322	41.835	41.528
19)	B Endosulfa...	6.509	7.237	343.1E6	95870499	42.208	42.618
20)	A Methoxychlor	6.769	7.560	157.7E6	46870623	35.913	38.186
21)	B Endrin ke...	6.992	7.706	414.4E6	108.4E6	44.978	45.574
22)	Mirex	7.169	8.159	292.2E6	83140366	39.267	41.744

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031919\
Data File : PL046153.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Mar 2019 16:37
Operator : AJ\SJ
Sample : K1941-07MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

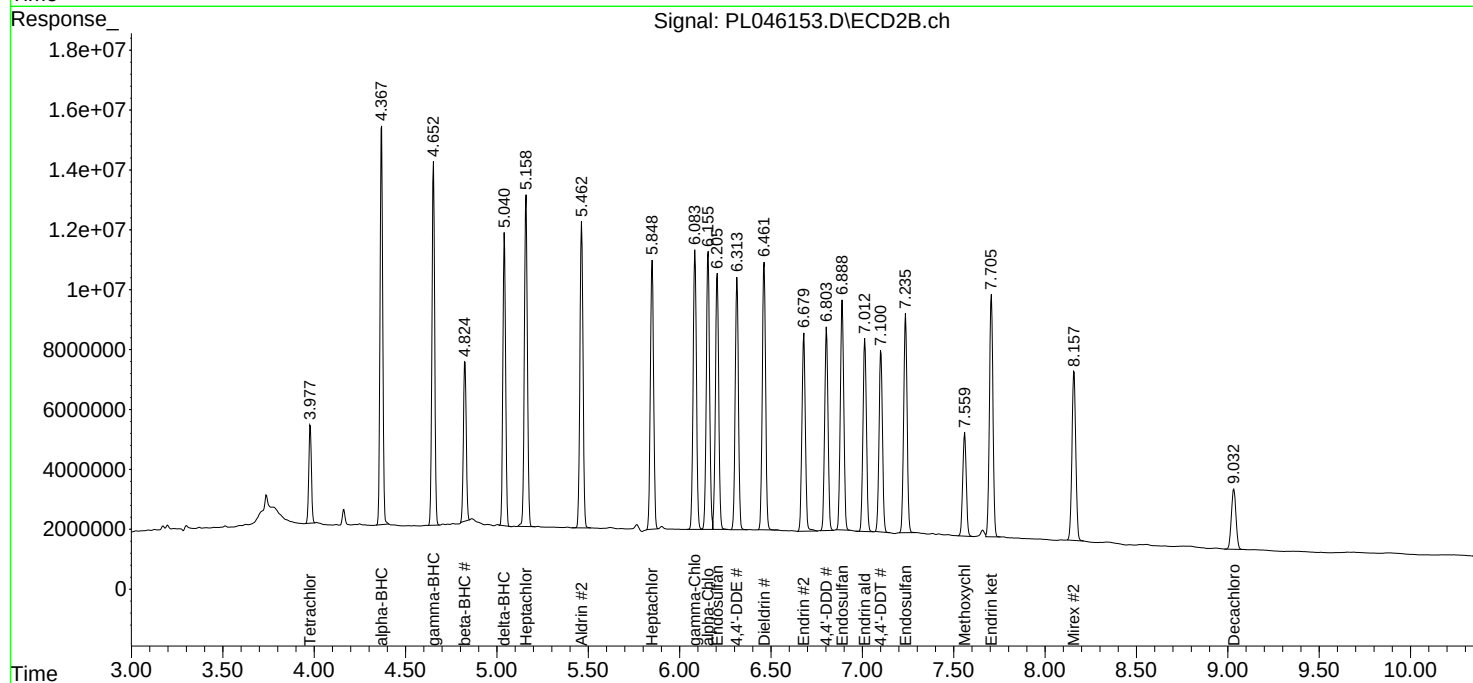
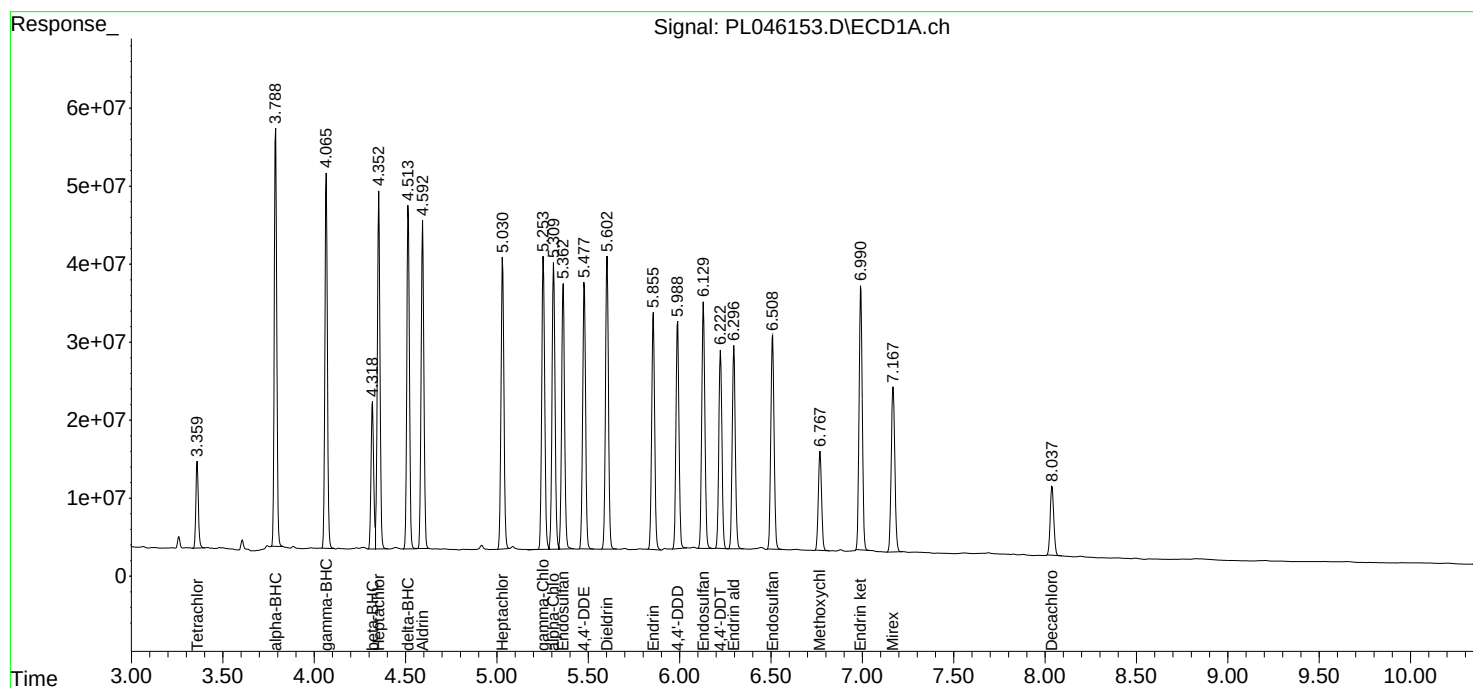
Instrument :
ECD_L
ClientSampleId :
SPMSD

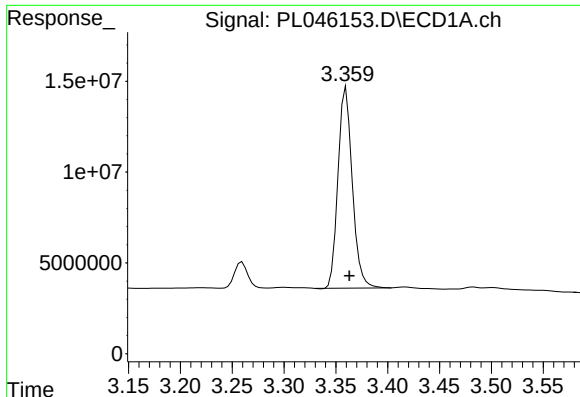
Manual Integrations
APPROVED

Sohil
3/20/2019 10:08:37 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 20 02:12:17 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022719.M
Quant Title : GC Extractables
QLast Update : Wed Feb 27 17:00:03 2019
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





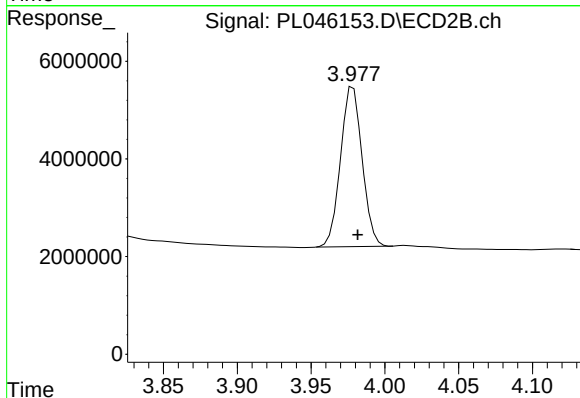
#1 Tetrachloro-m-xylene

R.T.: 3.360 min
Delta R.T.: -0.003 min
Response: 106021651
Conc: 15.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPMSD

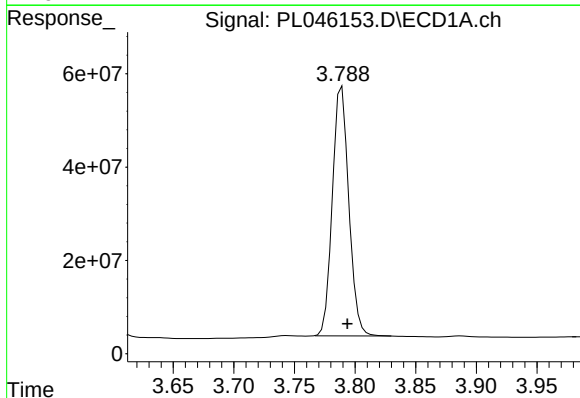
Manual Integrations
APPROVED

Sohil
3/20/2019 10:08:37 AM



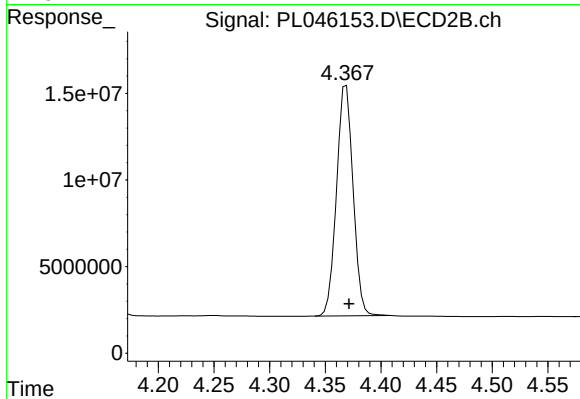
#1 Tetrachloro-m-xylene

R.T.: 3.979 min
Delta R.T.: -0.003 min
Response: 33369474
Conc: 15.58 ng/ml



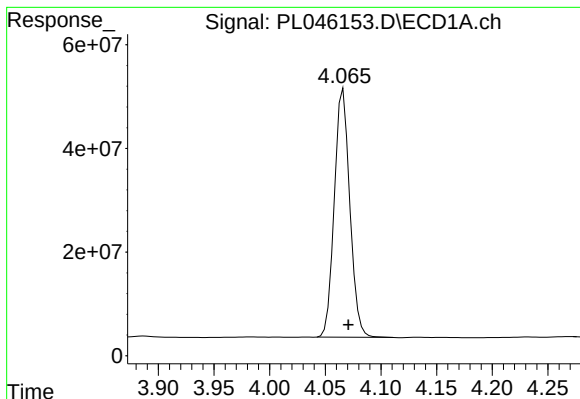
#2 alpha-BHC

R.T.: 3.789 min
Delta R.T.: -0.004 min
Response: 504662161
Conc: 45.44 ng/ml



#2 alpha-BHC

R.T.: 4.369 min
Delta R.T.: -0.003 min
Response: 137944972
Conc: 45.40 ng/ml



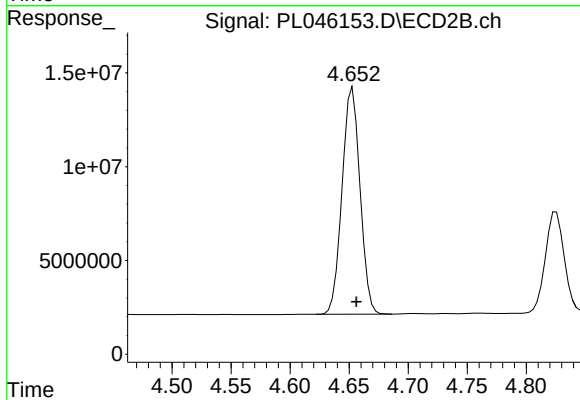
#3 gamma-BHC (Lindane)

R.T.: 4.066 min
Delta R.T.: -0.005 min
Response: 464534420
Conc: 45.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPMSD

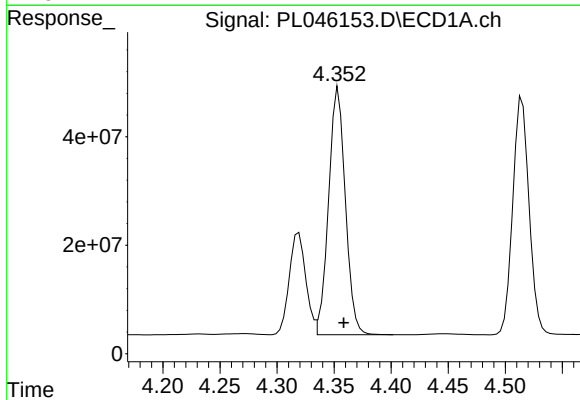
Manual Integrations
APPROVED

Sohil
3/20/2019 10:08:37 AM



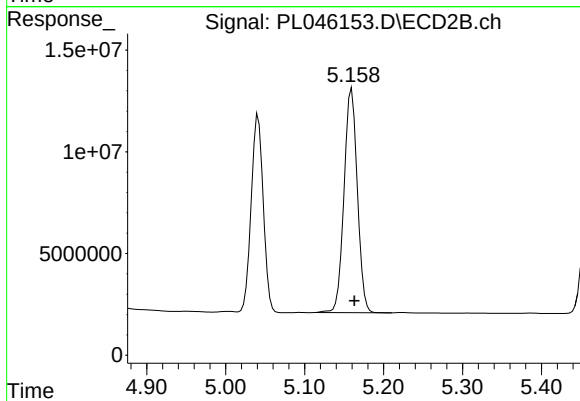
#3 gamma-BHC (Lindane)

R.T.: 4.652 min
Delta R.T.: -0.005 min
Response: 128054999
Conc: 45.34 ng/ml m



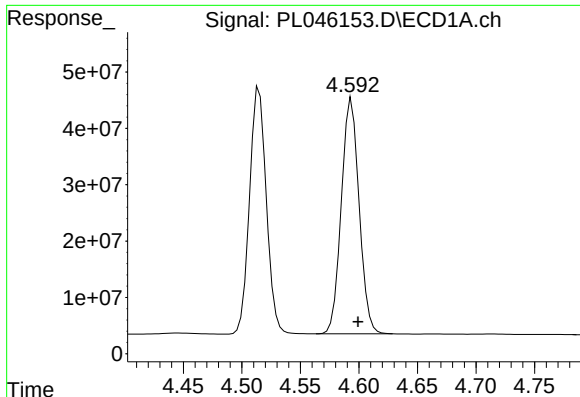
#4 Heptachlor

R.T.: 4.354 min
Delta R.T.: -0.005 min
Response: 466453310
Conc: 44.20 ng/ml



#4 Heptachlor

R.T.: 5.160 min
Delta R.T.: -0.004 min
Response: 129068566
Conc: 43.39 ng/ml



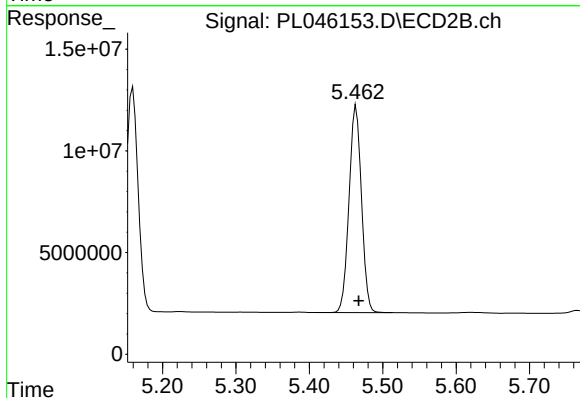
#5 Aldrin

R.T.: 4.594 min
Delta R.T.: -0.006 min
Response: 441325174
Conc: 45.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPMSD

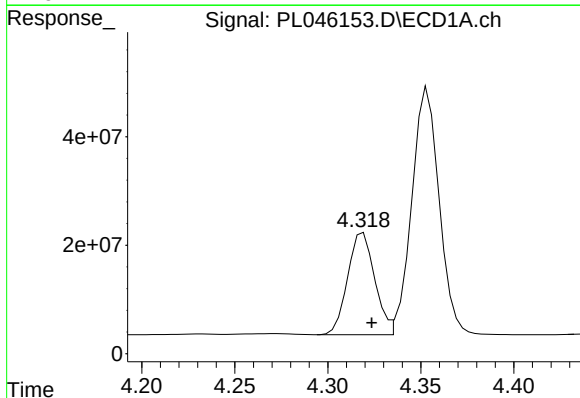
Manual Integrations
APPROVED

Sohil
3/20/2019 10:08:37 AM



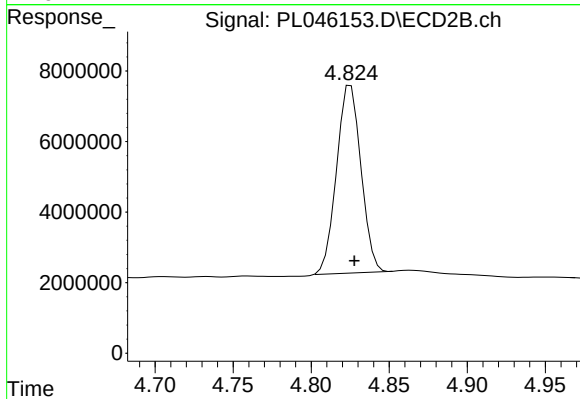
#5 Aldrin

R.T.: 5.464 min
Delta R.T.: -0.004 min
Response: 120102828
Conc: 44.47 ng/ml



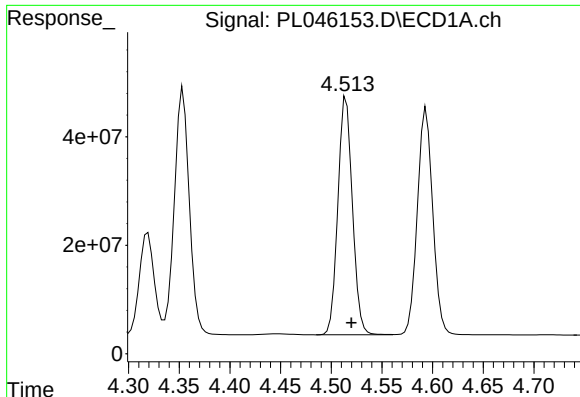
#6 beta-BHC

R.T.: 4.319 min
Delta R.T.: -0.005 min
Response: 190376776
Conc: 44.42 ng/ml



#6 beta-BHC

R.T.: 4.825 min
Delta R.T.: -0.002 min
Response: 57999838
Conc: 45.67 ng/ml



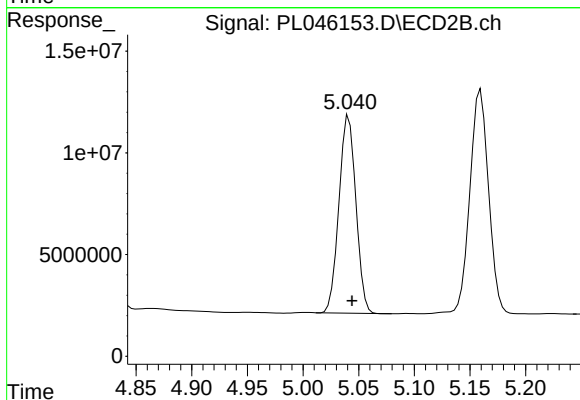
#7 delta-BHC

R.T.: 4.515 min
Delta R.T.: -0.005 min
Response: 437570157
Conc: 45.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPMSD

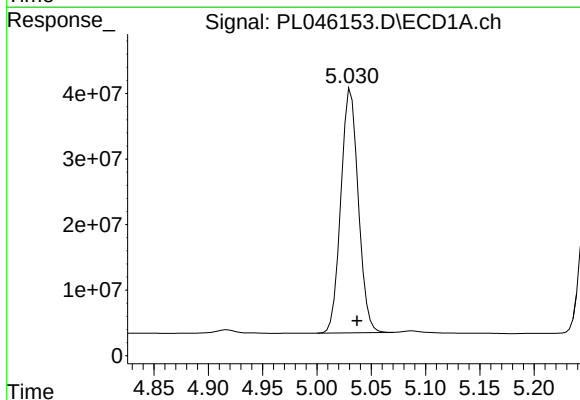
Manual Integrations
APPROVED

Sohil
3/20/2019 10:08:37 AM



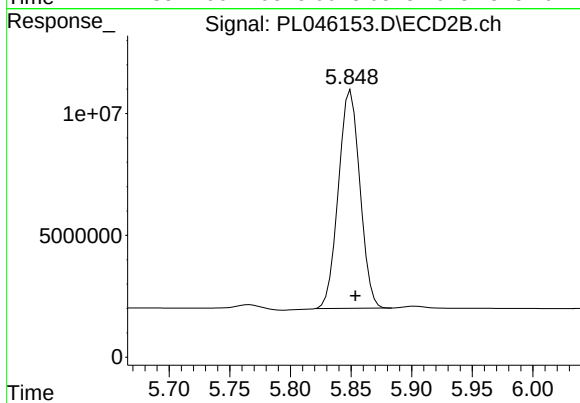
#7 delta-BHC

R.T.: 5.041 min
Delta R.T.: -0.003 min
Response: 102856915
Conc: 47.82 ng/ml



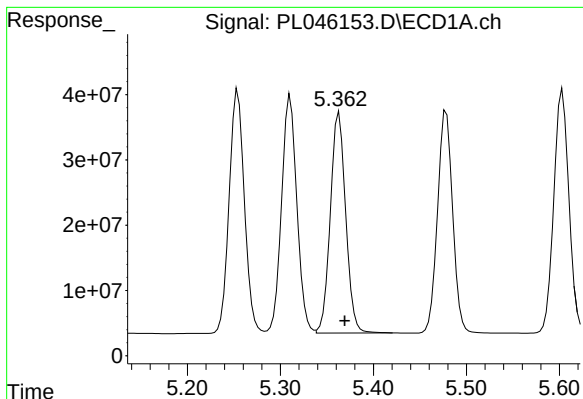
#8 Heptachlor epoxide

R.T.: 5.031 min
Delta R.T.: -0.006 min
Response: 416167078
Conc: 44.59 ng/ml



#8 Heptachlor epoxide

R.T.: 5.850 min
Delta R.T.: -0.004 min
Response: 110453637
Conc: 45.99 ng/ml



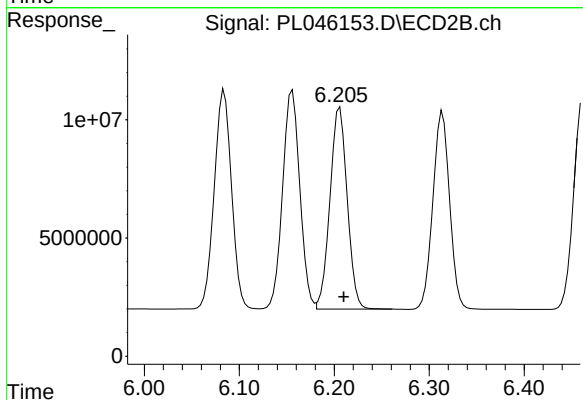
#9 Endosulfan I

R.T.: 5.363 min
Delta R.T.: -0.006 min
Response: 388573418
Conc: 43.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPMSD

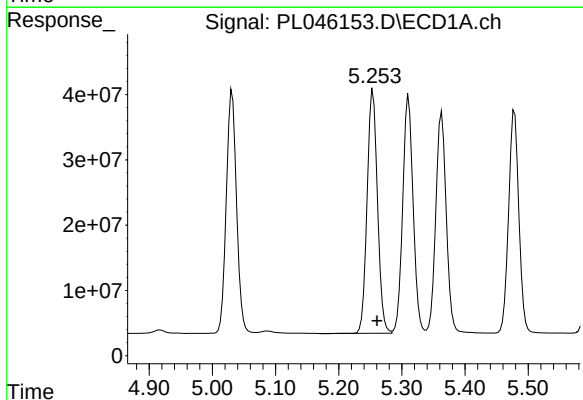
Manual Integrations
APPROVED

Sohil
3/20/2019 10:08:37 AM



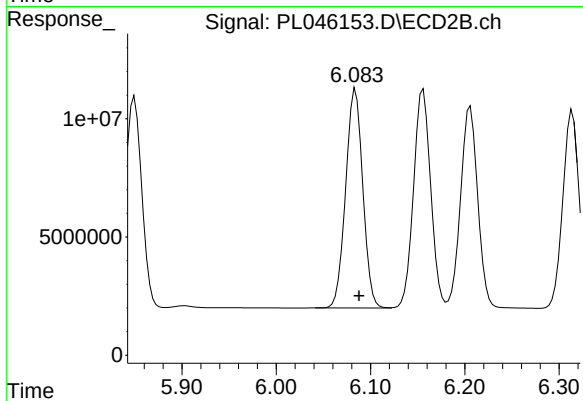
#9 Endosulfan I

R.T.: 6.206 min
Delta R.T.: -0.004 min
Response: 107736833
Conc: 43.26 ng/ml



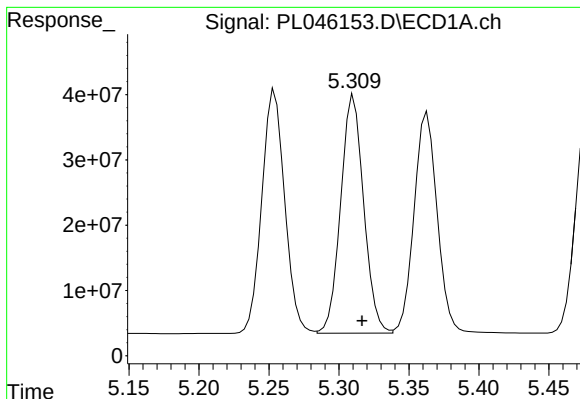
#10 gamma-Chlordane

R.T.: 5.254 min
Delta R.T.: -0.006 min
Response: 424155739
Conc: 43.34 ng/ml



#10 gamma-Chlordane

R.T.: 6.084 min
Delta R.T.: -0.004 min
Response: 117219698
Conc: 43.69 ng/ml



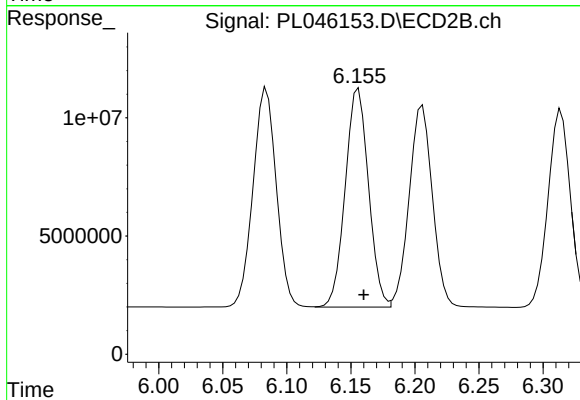
#11 alpha-Chlordane

R.T.: 5.311 min
Delta R.T.: -0.006 min
Response: 417151440
Conc: 43.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPMSD

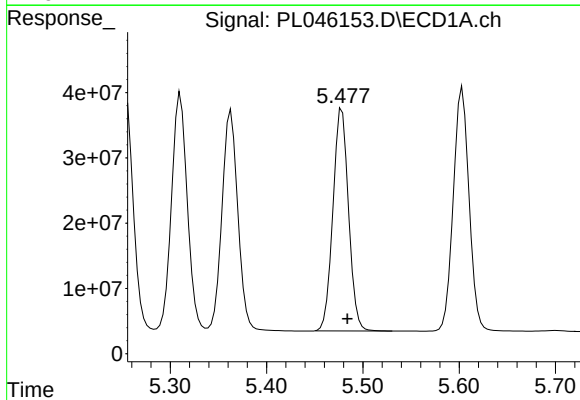
Manual Integrations
APPROVED

Sohil
3/20/2019 10:08:37 AM



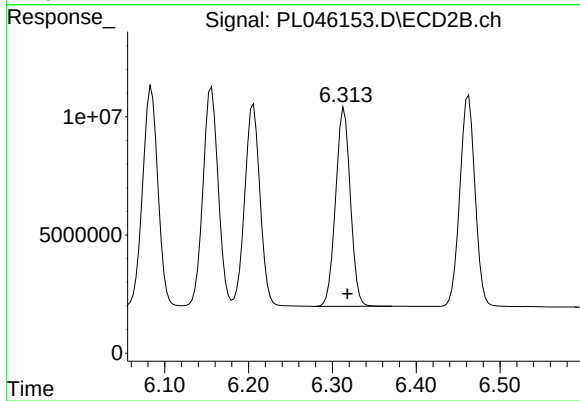
#11 alpha-Chlordane

R.T.: 6.156 min
Delta R.T.: -0.004 min
Response: 116881242
Conc: 43.33 ng/ml



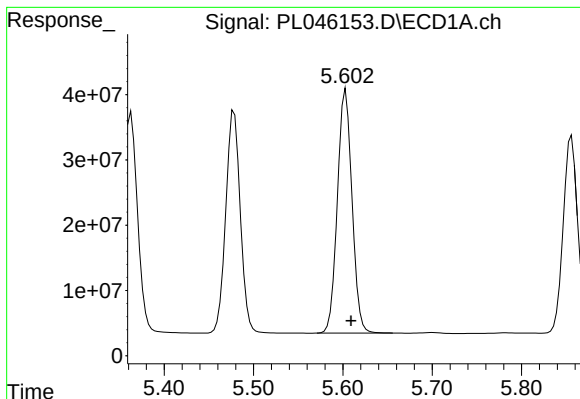
#12 4,4'-DDE

R.T.: 5.478 min
Delta R.T.: -0.006 min
Response: 384362495
Conc: 43.79 ng/ml



#12 4,4'-DDE

R.T.: 6.314 min
Delta R.T.: -0.004 min
Response: 102503123
Conc: 43.88 ng/ml



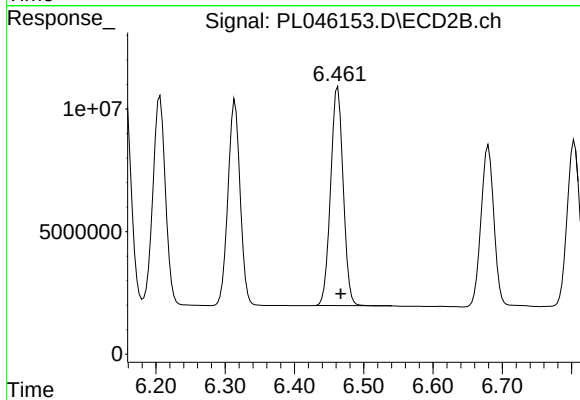
#13 Dieldrin

R.T.: 5.603 min
Delta R.T.: -0.006 min
Response: 424059145
Conc: 44.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPMSD

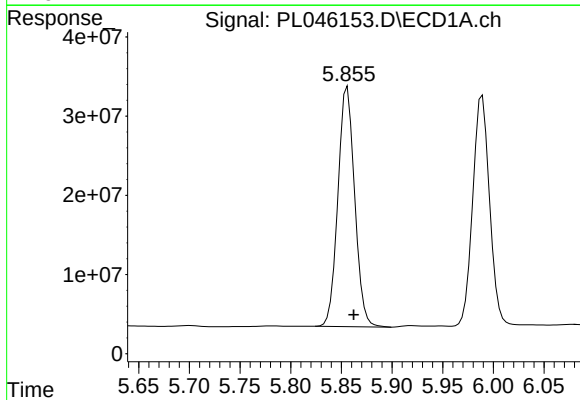
Manual Integrations
APPROVED

Sohil
3/20/2019 10:08:37 AM



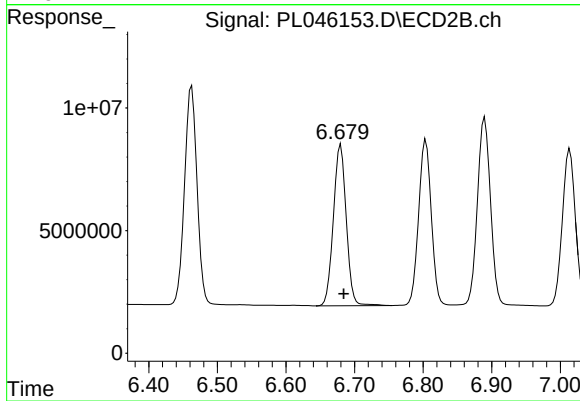
#13 Dieldrin

R.T.: 6.463 min
Delta R.T.: -0.004 min
Response: 112655843
Conc: 43.84 ng/ml



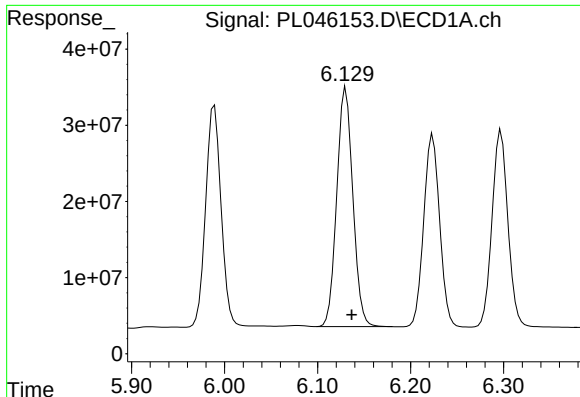
#14 Endrin

R.T.: 5.855 min
Delta R.T.: -0.008 min
Response: 348040058
Conc: 38.65 ng/ml m



#14 Endrin

R.T.: 6.680 min
Delta R.T.: -0.004 min
Response: 85842181
Conc: 37.73 ng/ml



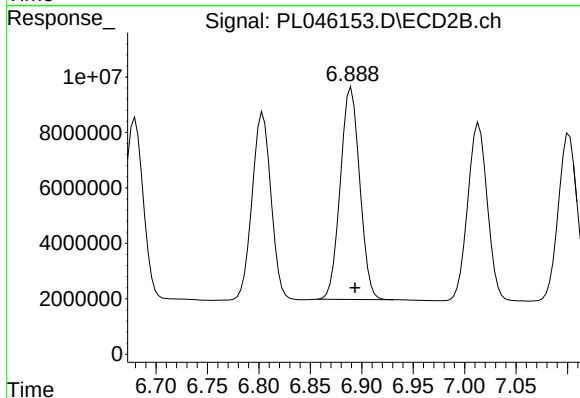
#15 Endosulfan II

R.T.: 6.130 min
Delta R.T.: -0.006 min
Response: 377297804
Conc: 43.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPMSD

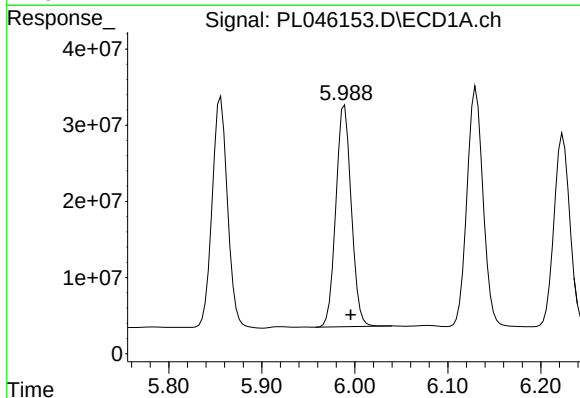
Manual Integrations
APPROVED

Sohil
3/20/2019 10:08:37 AM



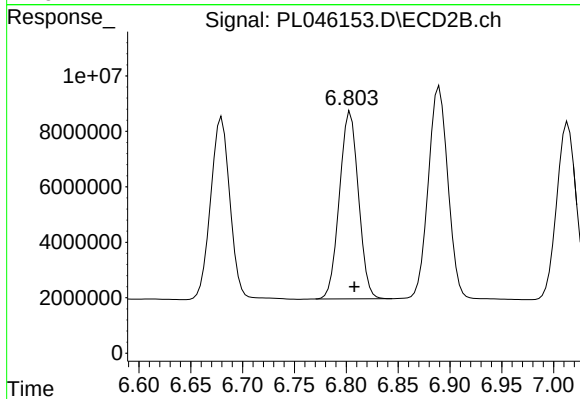
#15 Endosulfan II

R.T.: 6.890 min
Delta R.T.: -0.004 min
Response: 100411375
Conc: 42.70 ng/ml



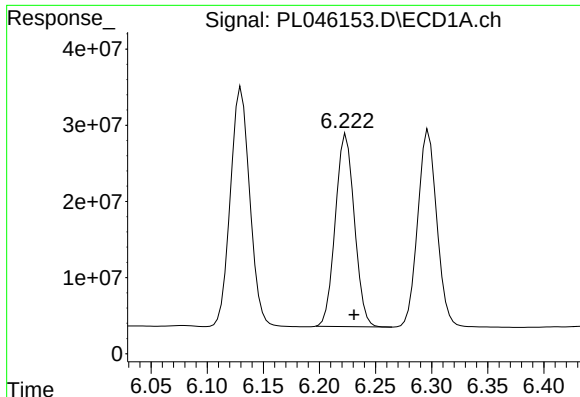
#16 4,4'-DDD

R.T.: 5.989 min
Delta R.T.: -0.007 min
Response: 335291754
Conc: 45.79 ng/ml



#16 4,4'-DDD

R.T.: 6.804 min
Delta R.T.: -0.004 min
Response: 86311844
Conc: 44.88 ng/ml



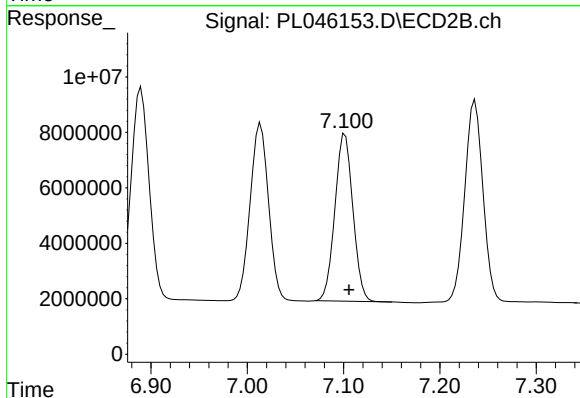
#17 4,4'-DDT

R.T.: 6.224 min
Delta R.T.: -0.007 min
Response: 299122227
Conc: 39.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPMSD

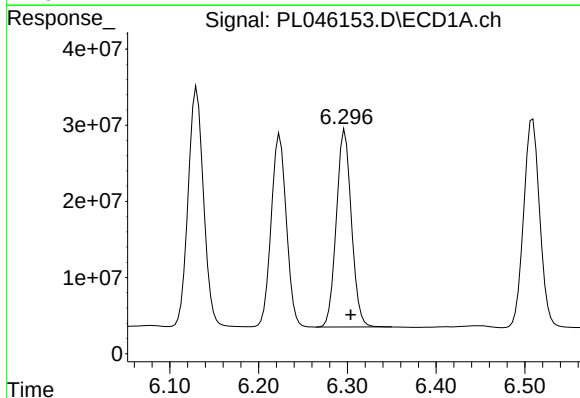
Manual Integrations
APPROVED

Sohil
3/20/2019 10:08:37 AM



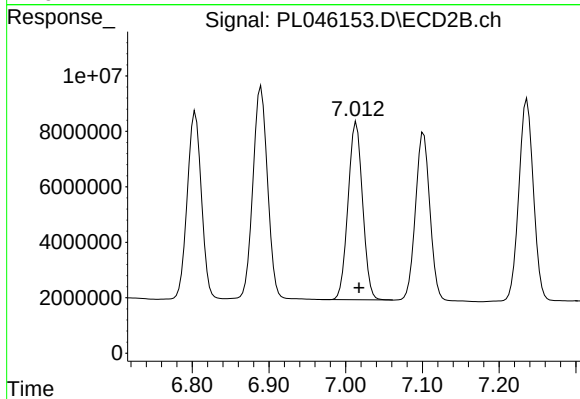
#17 4,4'-DDT

R.T.: 7.102 min
Delta R.T.: -0.004 min
Response: 78419482
Conc: 39.74 ng/ml



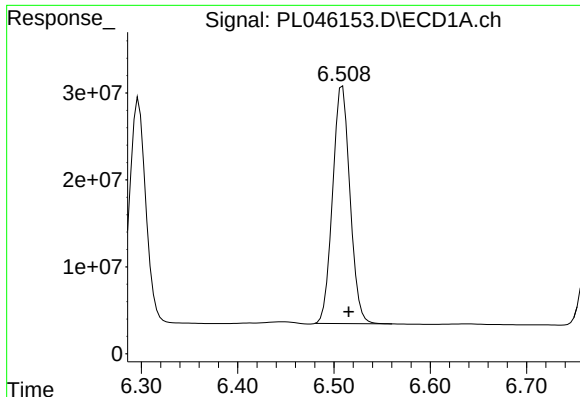
#18 Endrin aldehyde

R.T.: 6.297 min
Delta R.T.: -0.007 min
Response: 305797296
Conc: 41.83 ng/ml



#18 Endrin aldehyde

R.T.: 7.014 min
Delta R.T.: -0.004 min
Response: 84891322
Conc: 41.53 ng/ml



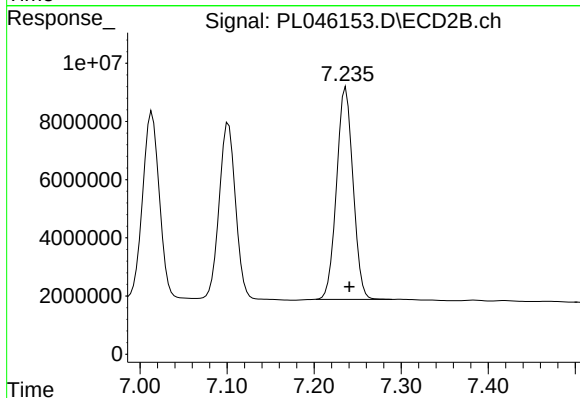
#19 Endosulfan Sulfate

R.T.: 6.509 min
Delta R.T.: -0.006 min
Response: 343069780
Conc: 42.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPMSD

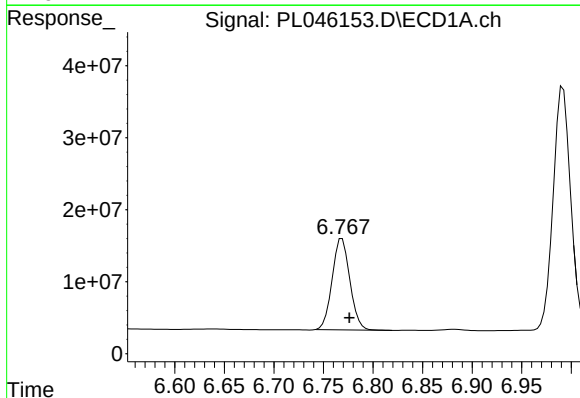
Manual Integrations
APPROVED

Sohil
3/20/2019 10:08:37 AM



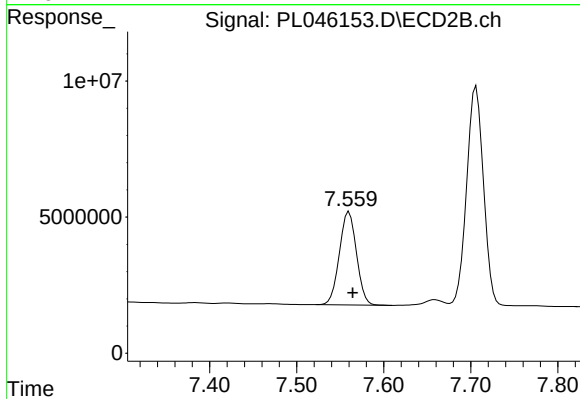
#19 Endosulfan Sulfate

R.T.: 7.237 min
Delta R.T.: -0.004 min
Response: 95870499
Conc: 42.62 ng/ml



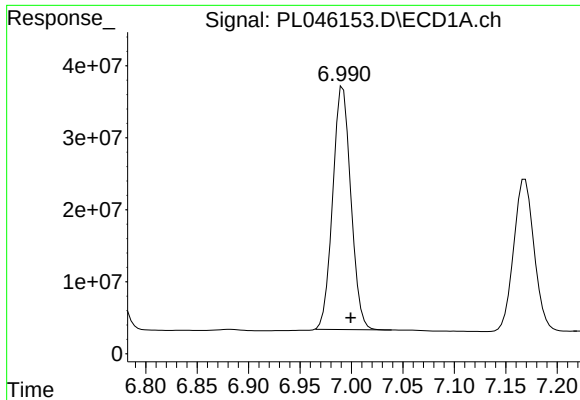
#20 Methoxychlor

R.T.: 6.769 min
Delta R.T.: -0.007 min
Response: 157718369
Conc: 35.91 ng/ml



#20 Methoxychlor

R.T.: 7.560 min
Delta R.T.: -0.004 min
Response: 46870623
Conc: 38.19 ng/ml



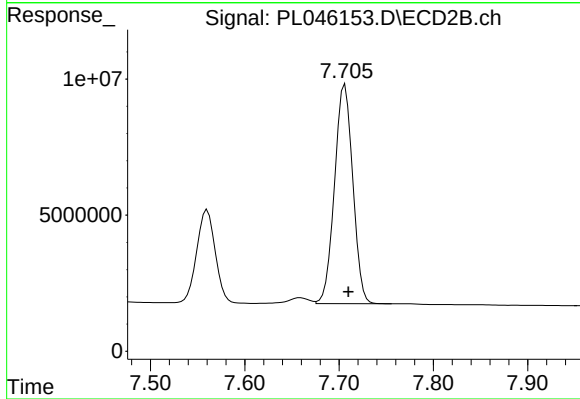
#21 Endrin ketone

R.T.: 6.992 min
Delta R.T.: -0.008 min
Response: 414374470
Conc: 44.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPMSD

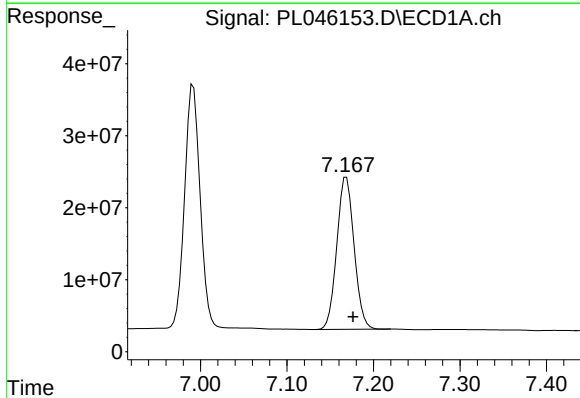
Manual Integrations
APPROVED

Sohil
3/20/2019 10:08:37 AM



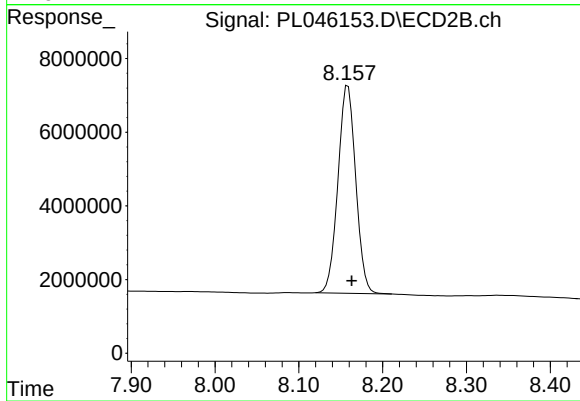
#21 Endrin ketone

R.T.: 7.706 min
Delta R.T.: -0.004 min
Response: 108392794
Conc: 45.57 ng/ml



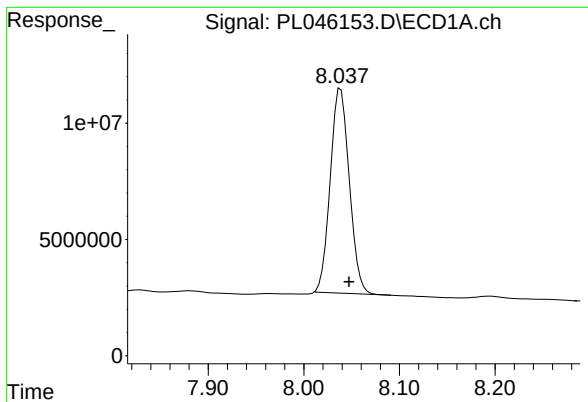
#22 Mirex

R.T.: 7.169 min
Delta R.T.: -0.008 min
Response: 292153933
Conc: 39.27 ng/ml



#22 Mirex

R.T.: 8.159 min
Delta R.T.: -0.004 min
Response: 83140366
Conc: 41.74 ng/ml



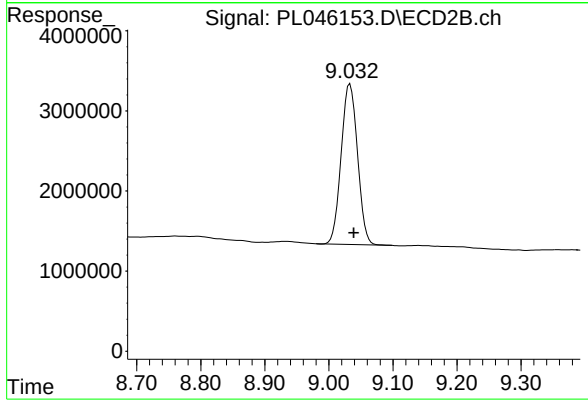
#28 Decachlorobiphenyl

R.T.: 8.038 min
Delta R.T.: -0.009 min
Response: 121484543
Conc: 14.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPMSD

Manual Integrations
APPROVED

Sohil
3/20/2019 10:08:37 AM



#28 Decachlorobiphenyl

R.T.: 9.033 min
Delta R.T.: -0.006 min
Response: 35536056
Conc: 15.55 ng/ml