

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032019\
 Data File : PL046225.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Mar 2019 22:21
 Operator : AJ\SJ
 Sample : K1688-22MS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 JC-02-031919-AMS

Manual Integrations
 APPROVED

Sohil
 3/21/2019 10:49:46 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 21 08:36:03 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...	3.361	3.979	126.5E6	42184581	18.384	19.698
28)	SA Decachlor...	8.038	9.033	112.6E6	33874840	13.462	14.825
Target Compounds							
2)	A alpha-BHC	3.790	4.369	575.8E6	166.8E6	51.842	54.902
3)	MA gamma-BHC...	4.067	4.653	534.0E6	155.2E6	52.831	54.929
4)	MA Heptachlor	4.355	5.160	545.6E6	163.3E6	51.707	54.883
5)	MB Aldrin	4.595	5.464	519.0E6	152.2E6	53.359	56.344
6)	B beta-BHC	4.320	4.826	218.2E6	68427019	50.909	53.881
7)	B delta-BHC	4.515	5.042	496.1E6	121.0E6	51.907	56.241
8)	B Heptachlo...	5.032	5.850	481.1E6	132.8E6	51.544	55.281
9)	A Endosulfan I	5.363	6.206	459.4E6	132.4E6	51.399	53.153
10)	B gamma-Chl...	5.255	6.084	500.3E6	144.8E6	51.114	53.965
11)	B alpha-Chl...	5.311	6.157	489.1E6	143.1E6	50.433	53.052
12)	B 4,4'-DDE	5.478	6.315	460.8E6	128.2E6	52.493	54.868
13)	MA Dieldrin	5.604	6.463	499.5E6	137.4E6	52.257	53.480
14)	MA Endrin	5.855	6.680	464.9E6	120.1E6	51.619m	52.788
15)	B Endosulfa...	6.130	6.890	430.1E6	120.2E6	49.620	51.100
16)	A 4,4'-DDD	5.989	6.804	387.3E6	106.3E6	52.901	55.271
17)	MA 4,4'-DDT	6.225	7.102	352.5E6	102.5E6	47.004	51.956
18)	B Endrin al...	6.298	7.014	353.0E6	102.1E6	48.290	49.929
19)	B Endosulfa...	6.509	7.237	399.8E6	116.7E6	49.187	51.899
20)	A Methoxychlor	6.769	7.560	187.6E6	57592898	42.713	46.922
21)	B Endrin ke...	6.992	7.706	446.0E6	122.6E6	48.407	51.545
22)	Mirex	7.169	8.158	312.1E6	92844064	41.950	46.616

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032019\
Data File : PL046225.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Mar 2019 22:21
Operator : AJ\SJ
Sample : K1688-22MS
Misc :
ALS Vial : 35 Sample Multiplier: 1

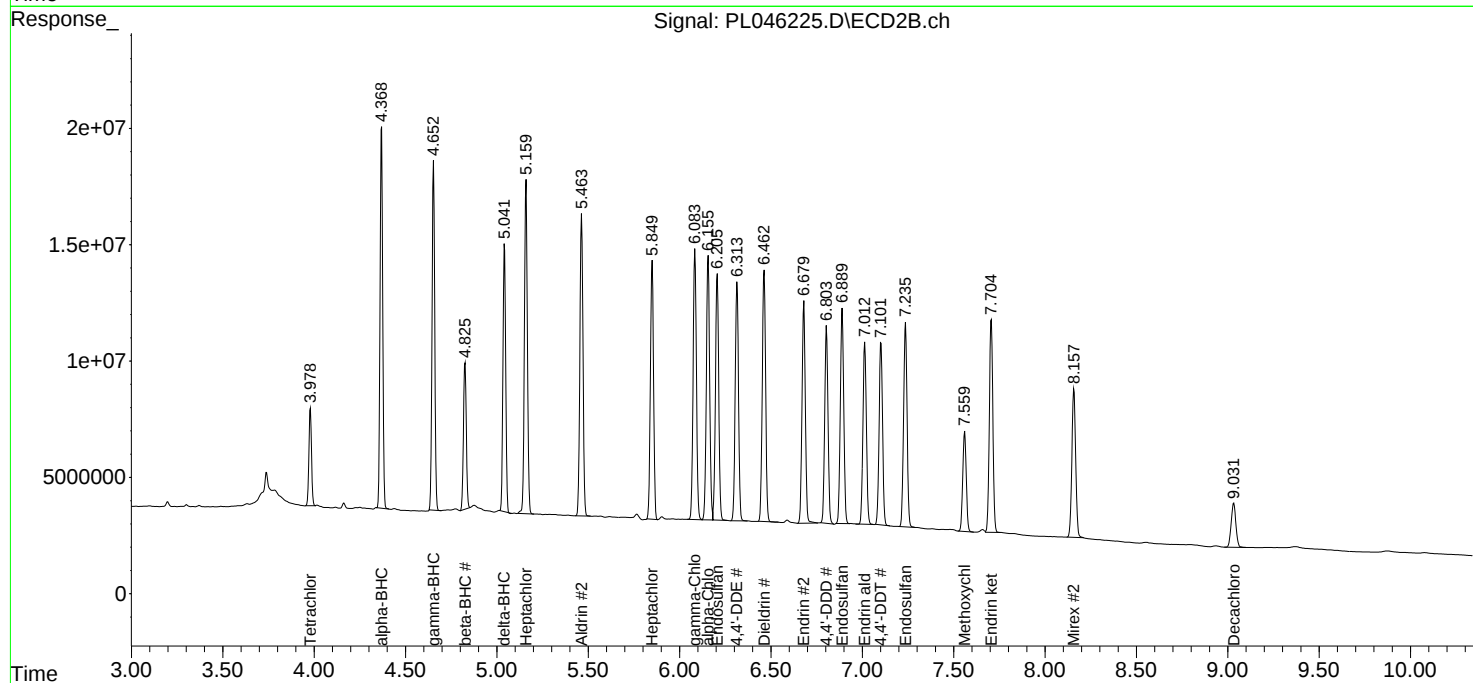
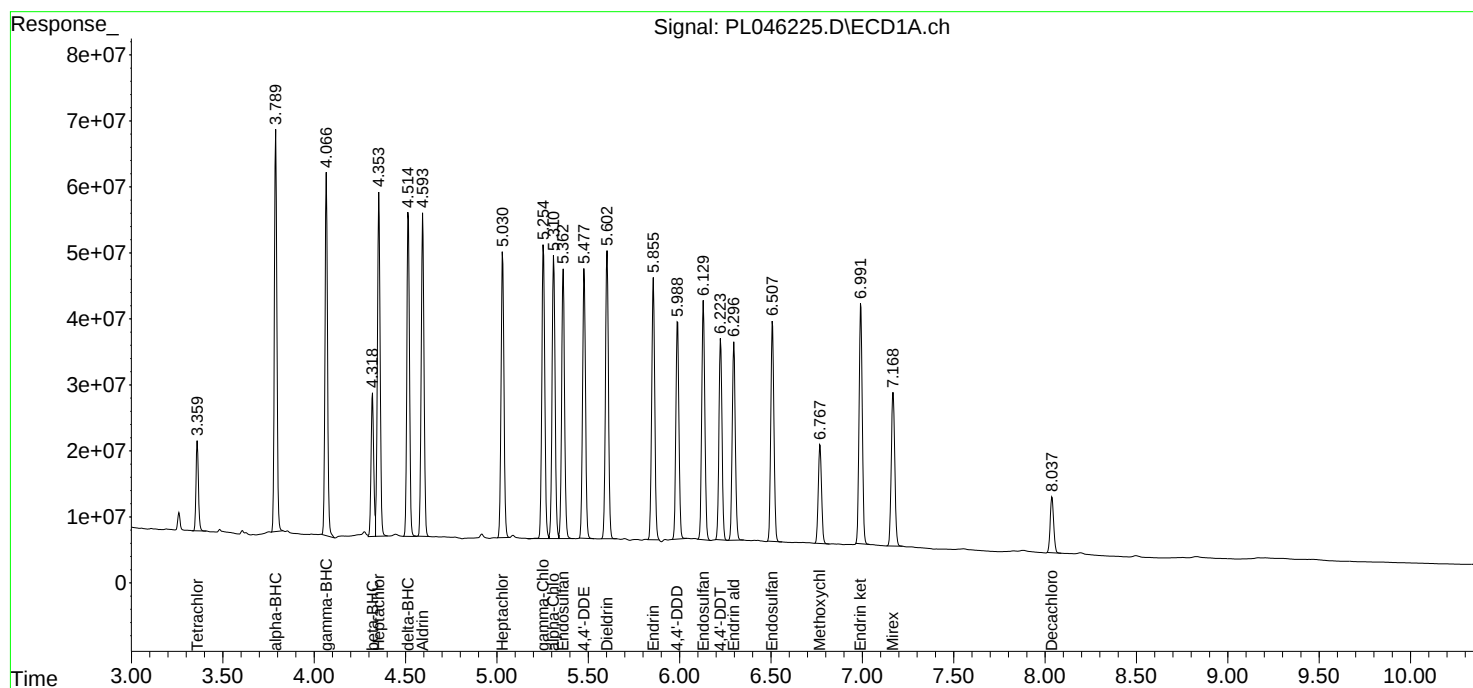
Instrument :
ECD_L
ClientSampleId :
JC-02-031919-AMS

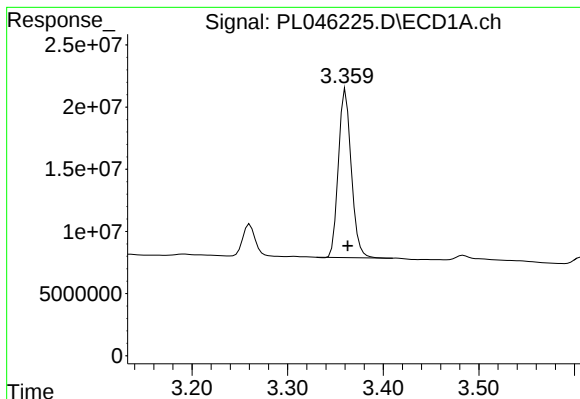
Manual Integrations
APPROVED

Sohil
3/21/2019 10:49:46 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 21 08:36:03 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





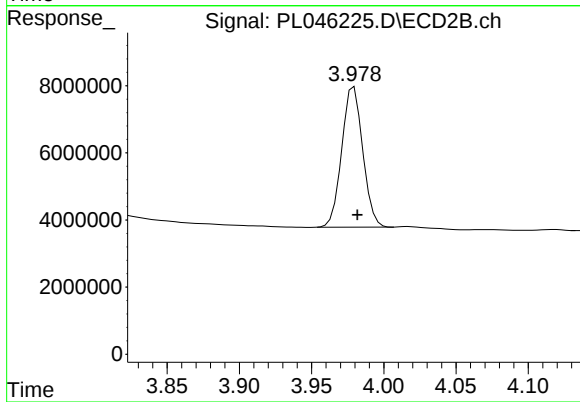
#1 Tetrachloro-m-xylene

R.T.: 3.361 min
Delta R.T.: -0.002 min
Response: 126466335
Conc: 18.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-02-031919-AMS

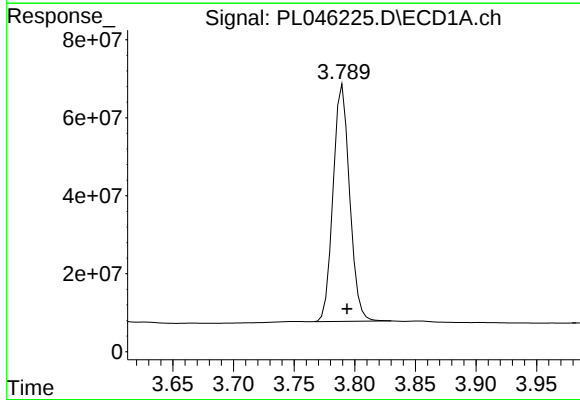
Manual Integrations
APPROVED

Sohil
3/21/2019 10:49:46 AM



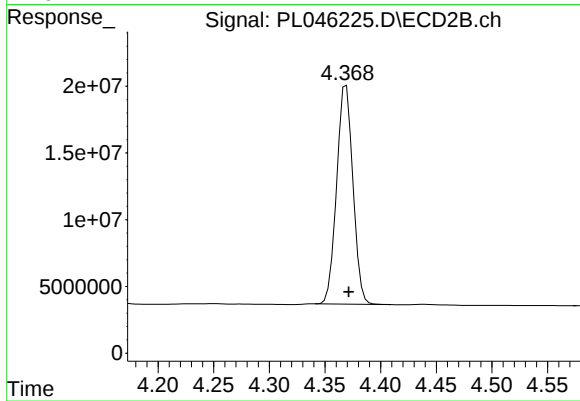
#1 Tetrachloro-m-xylene

R.T.: 3.979 min
Delta R.T.: -0.002 min
Response: 42184581
Conc: 19.70 ng/ml



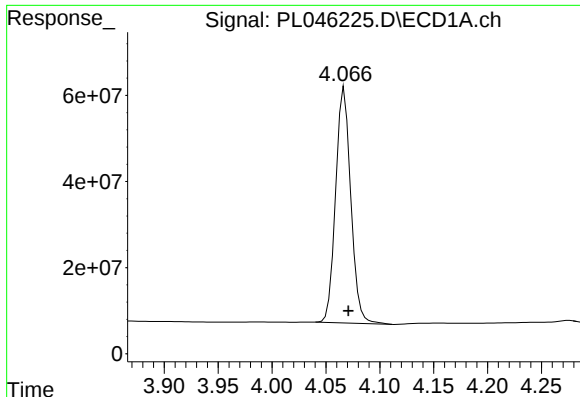
#2 alpha-BHC

R.T.: 3.790 min
Delta R.T.: -0.004 min
Response: 575821972
Conc: 51.84 ng/ml



#2 alpha-BHC

R.T.: 4.369 min
Delta R.T.: -0.002 min
Response: 166828898
Conc: 54.90 ng/ml



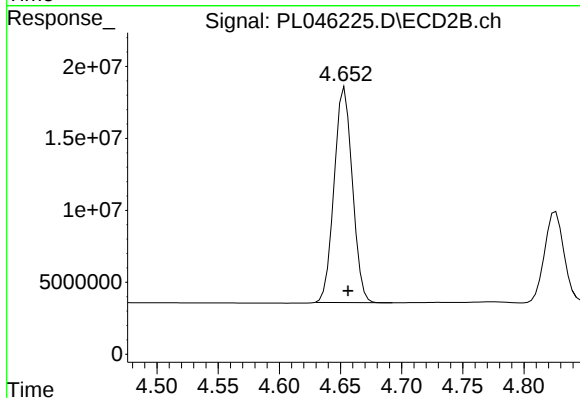
#3 gamma-BHC (Lindane)

R.T.: 4.067 min
Delta R.T.: -0.004 min
Response: 533968894
Conc: 52.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-02-031919-AMS

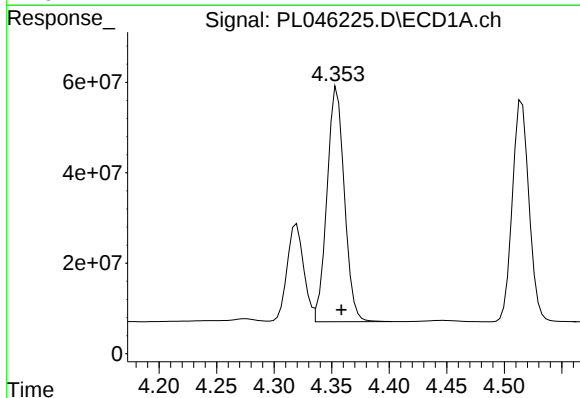
Manual Integrations
APPROVED

Sohil
3/21/2019 10:49:46 AM



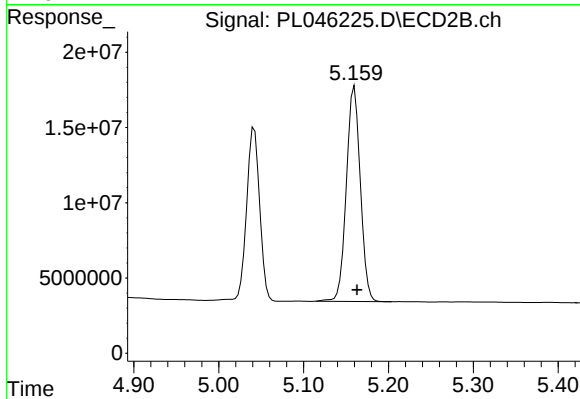
#3 gamma-BHC (Lindane)

R.T.: 4.653 min
Delta R.T.: -0.003 min
Response: 155152486
Conc: 54.93 ng/ml



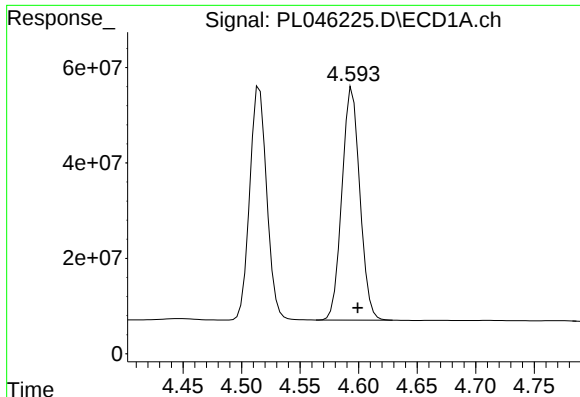
#4 Heptachlor

R.T.: 4.355 min
Delta R.T.: -0.004 min
Response: 545624907
Conc: 51.71 ng/ml



#4 Heptachlor

R.T.: 5.160 min
Delta R.T.: -0.003 min
Response: 163274074
Conc: 54.88 ng/ml



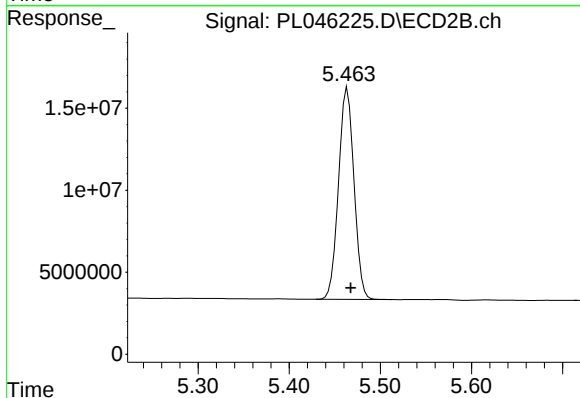
#5 Aldrin

R.T.: 4.595 min
Delta R.T.: -0.005 min
Response: 518990299
Conc: 53.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-02-031919-AMS

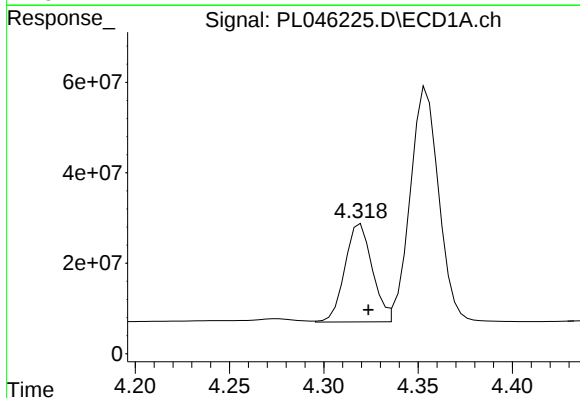
Manual Integrations
APPROVED

Sohil
3/21/2019 10:49:46 AM



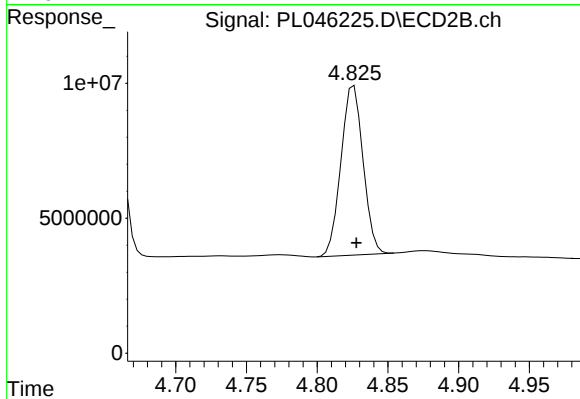
#5 Aldrin

R.T.: 5.464 min
Delta R.T.: -0.004 min
Response: 152182923
Conc: 56.34 ng/ml



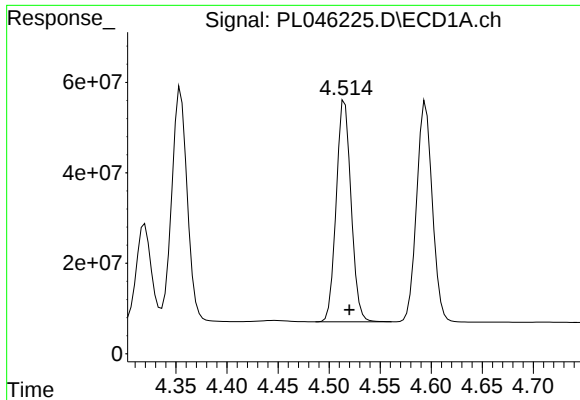
#6 beta-BHC

R.T.: 4.320 min
Delta R.T.: -0.004 min
Response: 218200145
Conc: 50.91 ng/ml



#6 beta-BHC

R.T.: 4.826 min
Delta R.T.: -0.002 min
Response: 68427019
Conc: 53.88 ng/ml



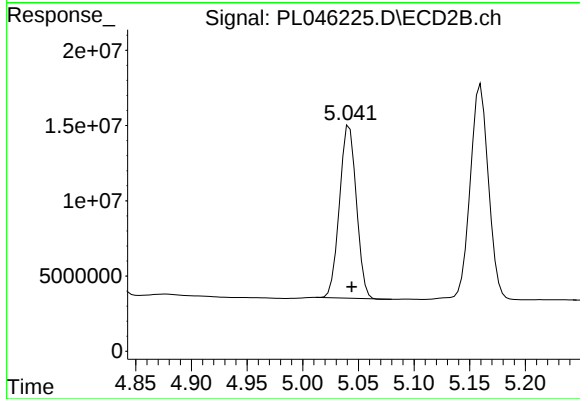
#7 delta-BHC

R.T.: 4.515 min
Delta R.T.: -0.005 min
Response: 496117327
Conc: 51.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-02-031919-AMS

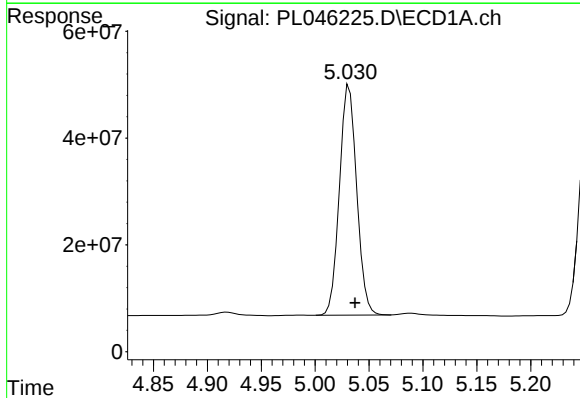
Manual Integrations
APPROVED

Sohil
3/21/2019 10:49:46 AM



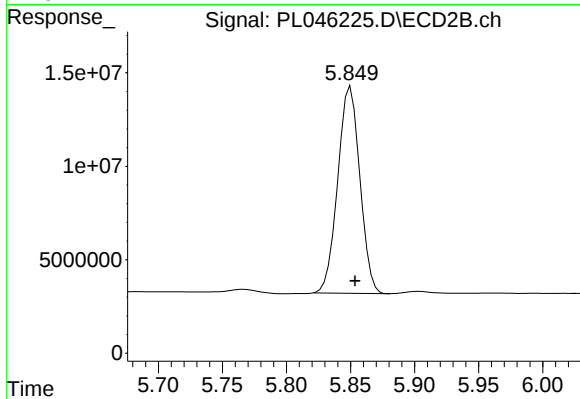
#7 delta-BHC

R.T.: 5.042 min
Delta R.T.: -0.002 min
Response: 120968703
Conc: 56.24 ng/ml



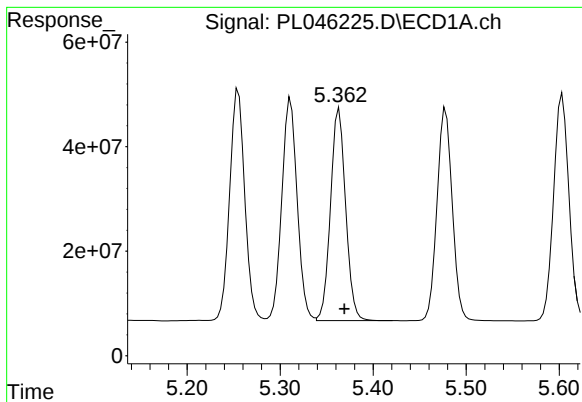
#8 Heptachlor epoxide

R.T.: 5.032 min
Delta R.T.: -0.005 min
Response: 481066916
Conc: 51.54 ng/ml



#8 Heptachlor epoxide

R.T.: 5.850 min
Delta R.T.: -0.004 min
Response: 132781061
Conc: 55.28 ng/ml



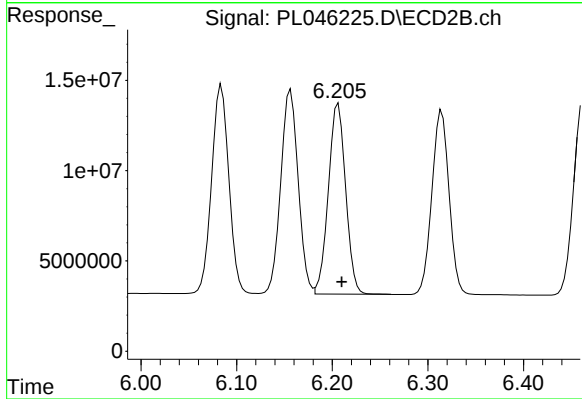
#9 Endosulfan I

R.T.: 5.363 min
Delta R.T.: -0.006 min
Response: 459425279
Conc: 51.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-02-031919-AMS

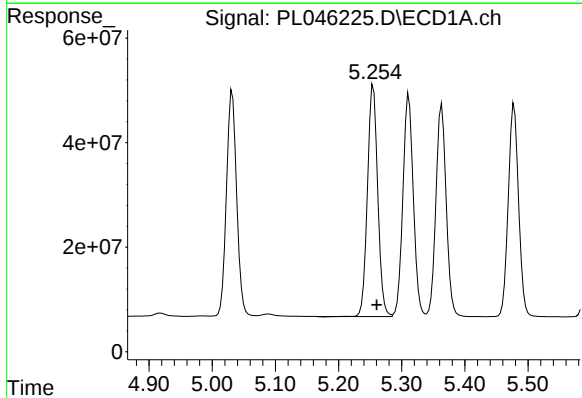
Manual Integrations
APPROVED

Sohil
3/21/2019 10:49:46 AM



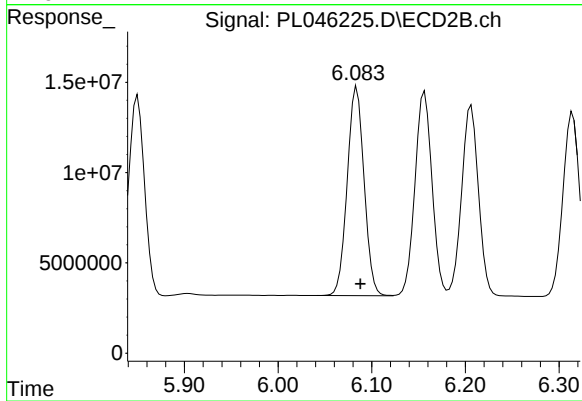
#9 Endosulfan I

R.T.: 6.206 min
Delta R.T.: -0.004 min
Response: 132365691
Conc: 53.15 ng/ml



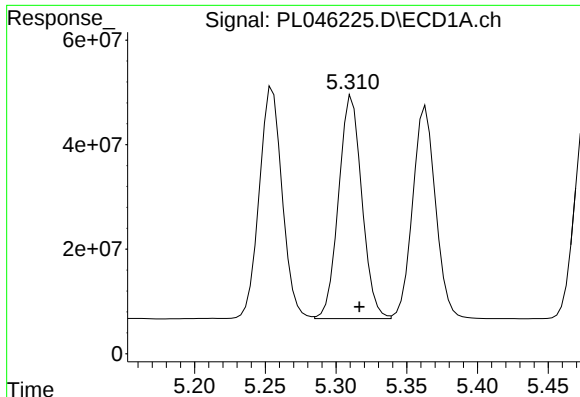
#10 gamma-Chlordane

R.T.: 5.255 min
Delta R.T.: -0.006 min
Response: 500255397
Conc: 51.11 ng/ml



#10 gamma-Chlordane

R.T.: 6.084 min
Delta R.T.: -0.004 min
Response: 144783695
Conc: 53.96 ng/ml



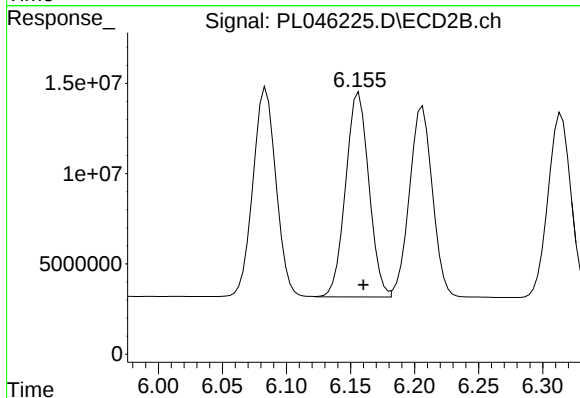
#11 alpha-Chlordane

R.T.: 5.311 min
Delta R.T.: -0.005 min
Response: 489050332
Conc: 50.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-02-031919-AMS

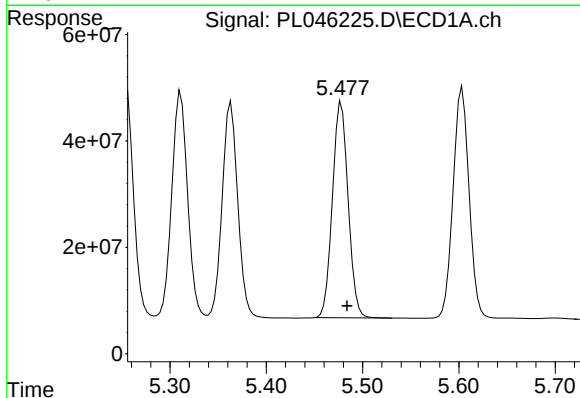
Manual Integrations
APPROVED

Sohil
3/21/2019 10:49:46 AM



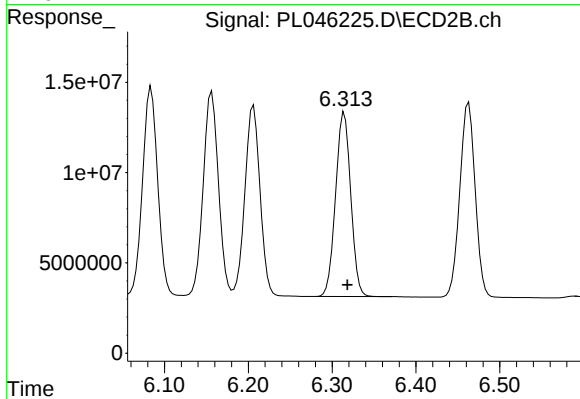
#11 alpha-Chlordane

R.T.: 6.157 min
Delta R.T.: -0.003 min
Response: 143118467
Conc: 53.05 ng/ml



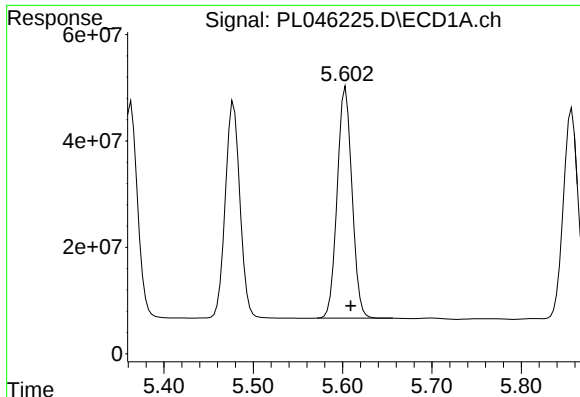
#12 4,4'-DDE

R.T.: 5.478 min
Delta R.T.: -0.006 min
Response: 460797175
Conc: 52.49 ng/ml



#12 4,4'-DDE

R.T.: 6.315 min
Delta R.T.: -0.003 min
Response: 128166953
Conc: 54.87 ng/ml



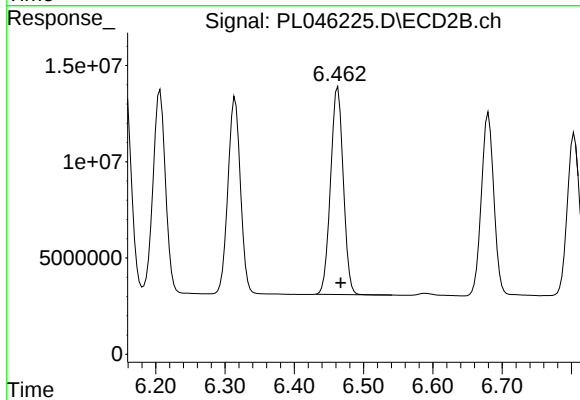
#13 Dieldrin

R.T.: 5.604 min
Delta R.T.: -0.006 min
Response: 499467671
Conc: 52.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-02-031919-AMS

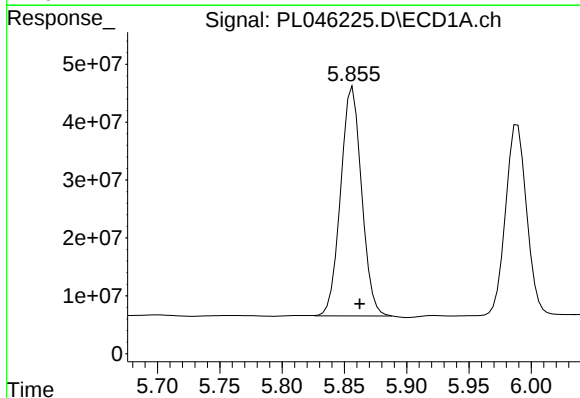
Manual Integrations
APPROVED

Sohil
3/21/2019 10:49:46 AM



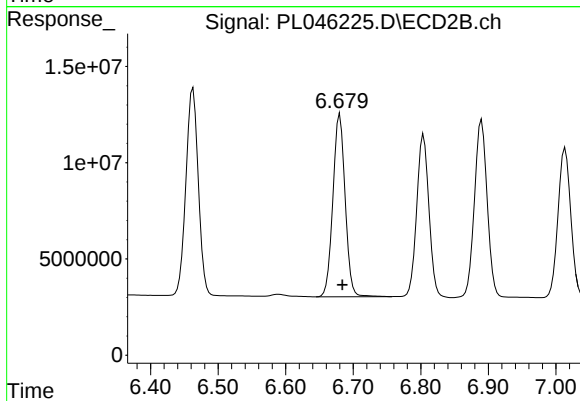
#13 Dieldrin

R.T.: 6.463 min
Delta R.T.: -0.004 min
Response: 137428312
Conc: 53.48 ng/ml



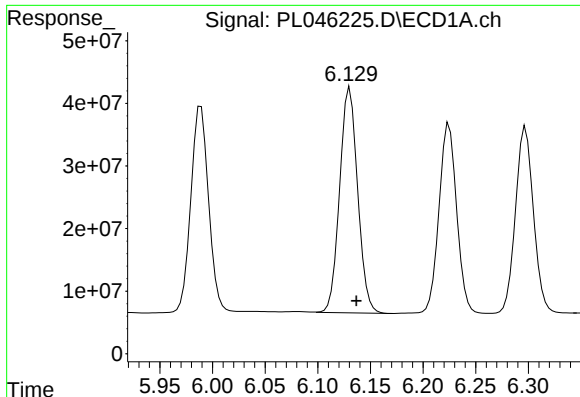
#14 Endrin

R.T.: 5.855 min
Delta R.T.: -0.007 min
Response: 464865160
Conc: 51.62 ng/ml m



#14 Endrin

R.T.: 6.680 min
Delta R.T.: -0.004 min
Response: 120108844
Conc: 52.79 ng/ml



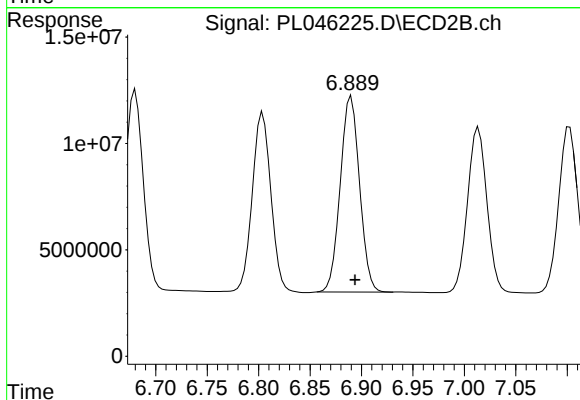
#15 Endosulfan II

R.T.: 6.130 min
Delta R.T.: -0.006 min
Response: 430139400
Conc: 49.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-02-031919-AMS

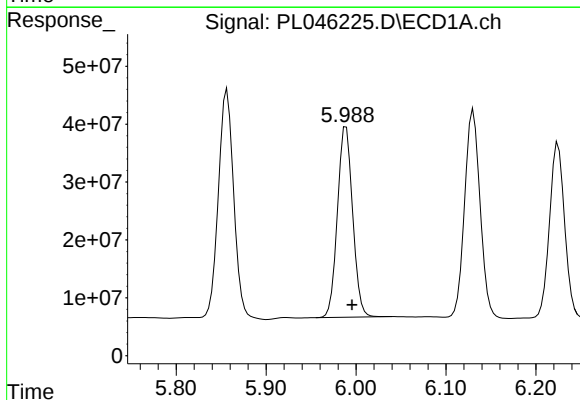
Manual Integrations
APPROVED

Sohil
3/21/2019 10:49:46 AM



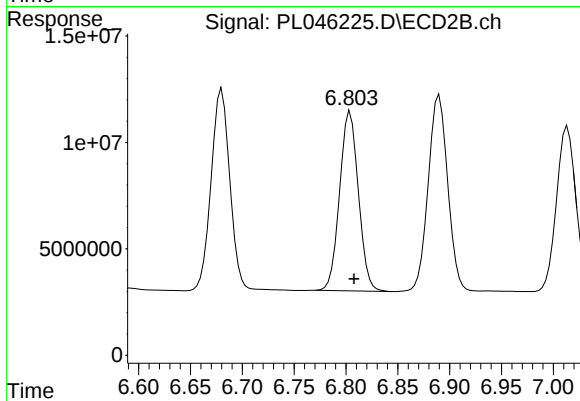
#15 Endosulfan II

R.T.: 6.890 min
Delta R.T.: -0.004 min
Response: 120168203
Conc: 51.10 ng/ml



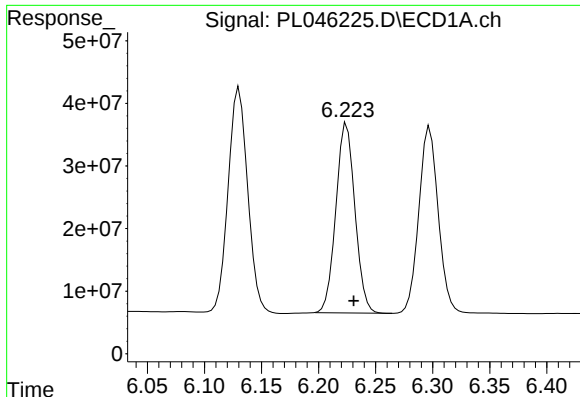
#16 4,4'-DDD

R.T.: 5.989 min
Delta R.T.: -0.007 min
Response: 387334597
Conc: 52.90 ng/ml



#16 4,4'-DDD

R.T.: 6.804 min
Delta R.T.: -0.004 min
Response: 106291384
Conc: 55.27 ng/ml



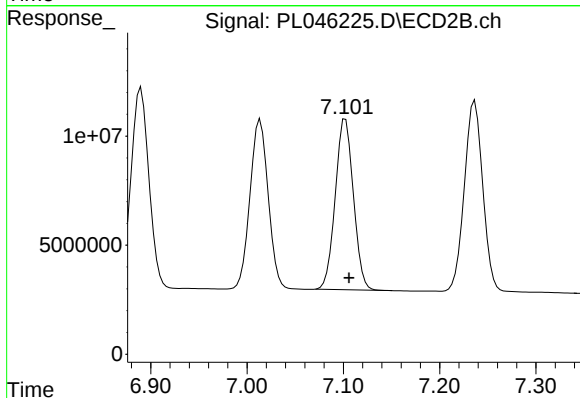
#17 4,4'-DDT

R.T.: 6.225 min
Delta R.T.: -0.006 min
Response: 352535659
Conc: 47.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-02-031919-AMS

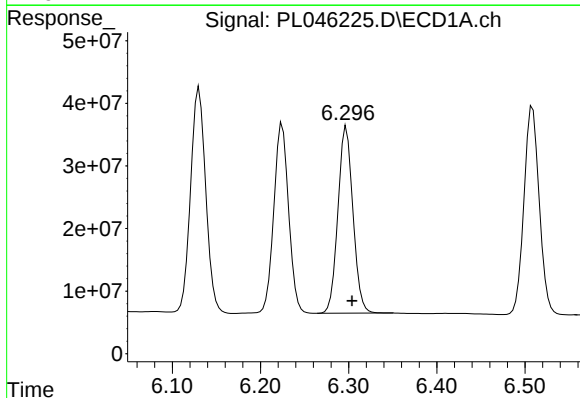
Manual Integrations
APPROVED

Sohil
3/21/2019 10:49:46 AM



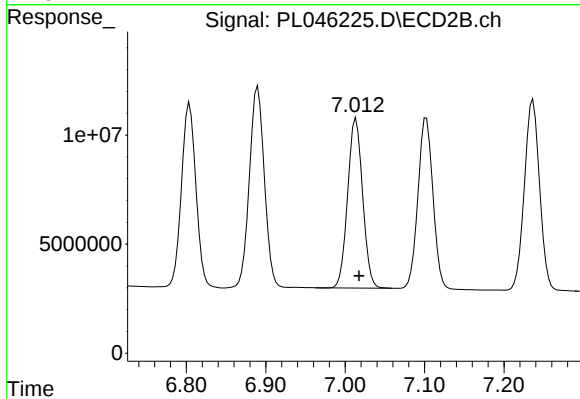
#17 4,4'-DDT

R.T.: 7.102 min
Delta R.T.: -0.004 min
Response: 102532031
Conc: 51.96 ng/ml



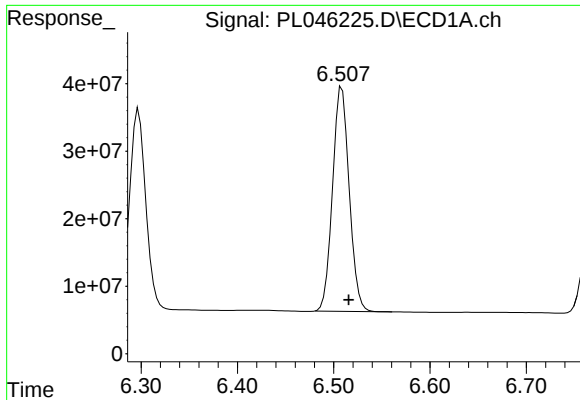
#18 Endrin aldehyde

R.T.: 6.298 min
Delta R.T.: -0.006 min
Response: 352983965
Conc: 48.29 ng/ml



#18 Endrin aldehyde

R.T.: 7.014 min
Delta R.T.: -0.004 min
Response: 102065943
Conc: 49.93 ng/ml



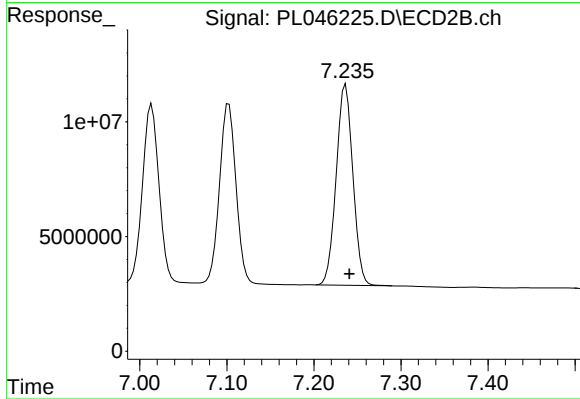
#19 Endosulfan Sulfate

R.T.: 6.509 min
Delta R.T.: -0.007 min
Response: 399802328
Conc: 49.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-02-031919-AMS

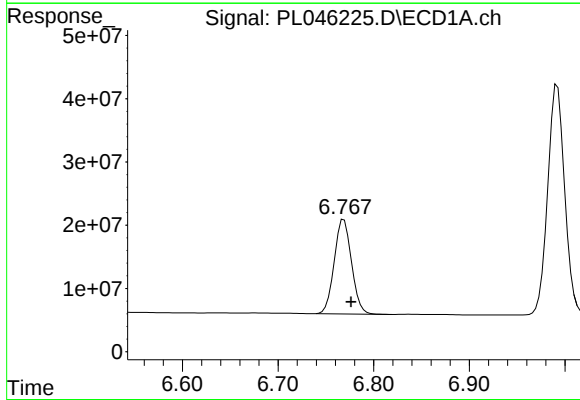
Manual Integrations
APPROVED

Sohil
3/21/2019 10:49:46 AM



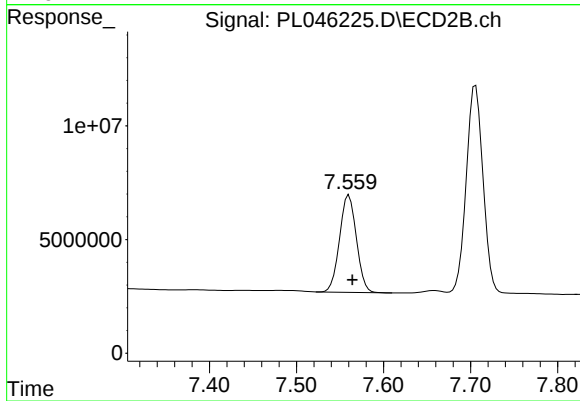
#19 Endosulfan Sulfate

R.T.: 7.237 min
Delta R.T.: -0.004 min
Response: 116748384
Conc: 51.90 ng/ml



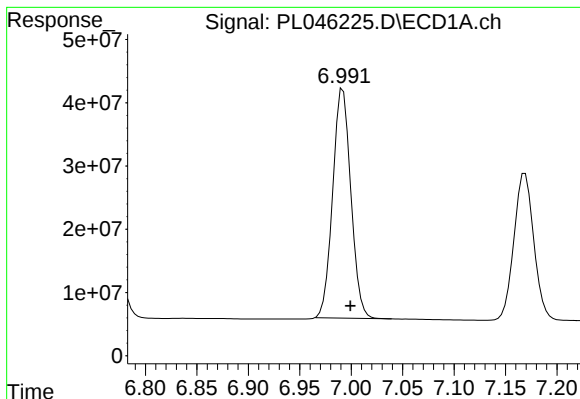
#20 Methoxychlor

R.T.: 6.769 min
Delta R.T.: -0.007 min
Response: 187585308
Conc: 42.71 ng/ml



#20 Methoxychlor

R.T.: 7.560 min
Delta R.T.: -0.004 min
Response: 57592898
Conc: 46.92 ng/ml



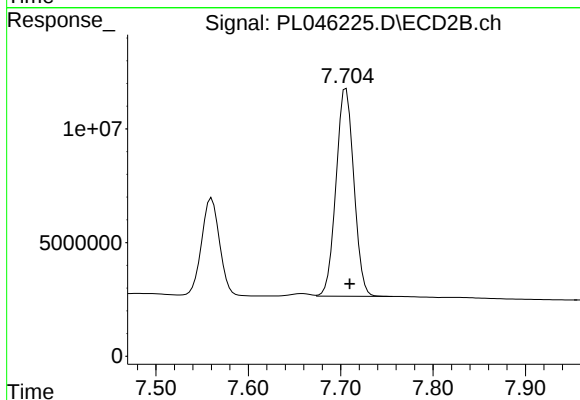
#21 Endrin ketone

R.T.: 6.992 min
Delta R.T.: -0.007 min
Response: 445968036
Conc: 48.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-02-031919-AMS

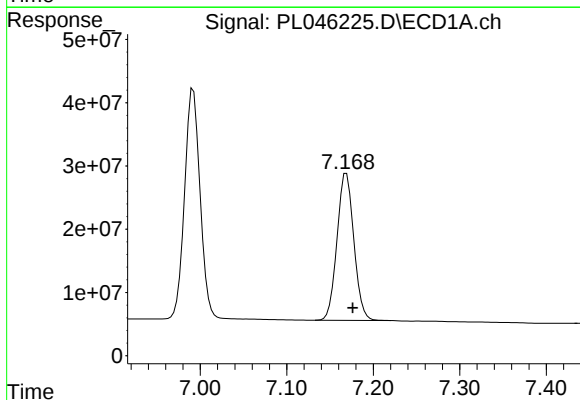
Manual Integrations
APPROVED

Sohil
3/21/2019 10:49:46 AM



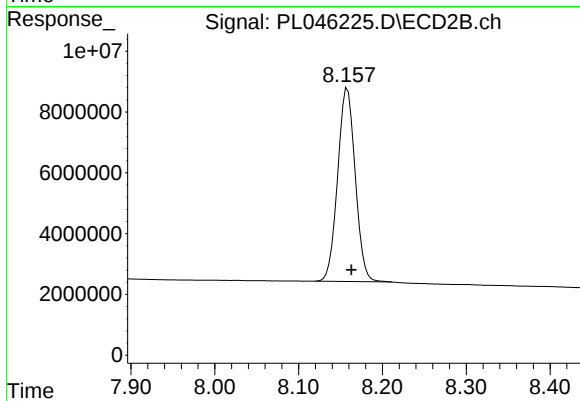
#21 Endrin ketone

R.T.: 7.706 min
Delta R.T.: -0.004 min
Response: 122595613
Conc: 51.55 ng/ml



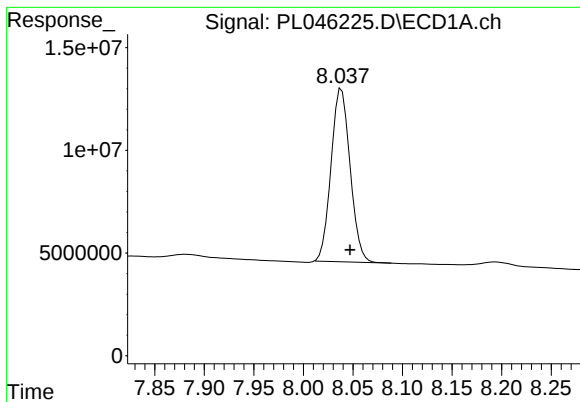
#22 Mirex

R.T.: 7.169 min
Delta R.T.: -0.007 min
Response: 312116381
Conc: 41.95 ng/ml



#22 Mirex

R.T.: 8.158 min
Delta R.T.: -0.005 min
Response: 92844064
Conc: 46.62 ng/ml



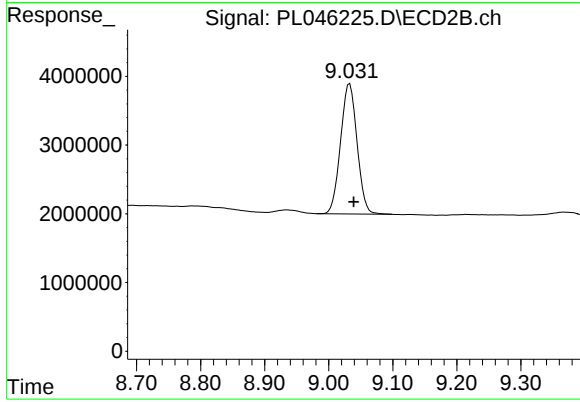
#28 Decachlorobiphenyl

R.T.: 8.038 min
Delta R.T.: -0.009 min
Response: 112644983
Conc: 13.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-02-031919-AMS

Manual Integrations
APPROVED

Sohil
3/21/2019 10:49:46 AM



#28 Decachlorobiphenyl

R.T.: 9.033 min
Delta R.T.: -0.006 min
Response: 33874840
Conc: 14.83 ng/ml