

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041119\
 Data File : PL047299.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Apr 2019 21:32
 Operator : AJ\SJ
 Sample : K2361-01MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 FK-BPM-01-E1-E1A-F1-F1AMSD

Manual Integrations
 APPROVED

Sohil
 4/12/2019 10:43:07 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 01:18:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 22 13:40:08 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...	3.356	3.975	152.0E6	49349829	20.899	21.554
28)	SA Decachlor...	8.031	9.026	182.2E6	53857888	21.668	23.230
Target Compounds							
2)	A alpha-BHC	3.786	4.365	633.4E6	175.4E6	54.311	54.586
3)	MA gamma-BHC...	4.063	4.649	582.0E6	163.7E6	54.166	54.702
4)	MA Heptachlor	4.349	5.153	598.7E6	169.2E6	54.306	54.997m
5)	MB Aldrin	4.589	5.458	563.5E6	155.5E6	54.631	54.270
6)	B beta-BHC	4.316	4.822	234.2E6	72101807	52.027	54.388
7)	B delta-BHC	4.511	5.038	535.2E6	104.6E6	52.874	45.102
8)	B Heptachlo...	5.026	5.843	520.1E6	125.6E6	53.320	47.631m
9)	A Endosulfan I	5.357	6.201	492.7E6	137.1E6	52.402	52.531
10)	B gamma-Chl...	5.248	6.079	539.8E6	146.6E6	52.551	51.671
11)	B alpha-Chl...	5.305	6.151	530.8E6	148.5E6	52.352	52.339
12)	B 4,4'-DDE	5.470	6.309	494.4E6	131.6E6	53.695m	53.012
13)	MA Dieldrin	5.597	6.458	526.7E6	141.1E6	52.483	52.037
14)	MA Endrin	5.850	6.675	496.2E6	124.7E6	52.685	52.167
15)	B Endosulfa...	6.124	6.885	459.1E6	124.2E6	51.245	51.455
16)	A 4,4'-DDD	5.982	6.799	398.0E6	106.4E6	52.650	52.875
17)	MA 4,4'-DDT	6.218	7.097	417.7E6	110.9E6	55.151	52.872
18)	B Endrin al...	6.291	7.008	379.0E6	107.8E6	50.561	50.755
19)	B Endosulfa...	6.503	7.232	445.6E6	124.5E6	54.266	52.796
20)	A Methoxychlor	6.762	7.556	228.3E6	68322724	53.730	53.596
21)	B Endrin ke...	6.985	7.701	472.8E6	134.8E6	51.136	54.253
22)	Mirex	7.161	8.153	359.5E6	102.6E6	49.339	51.313

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041119\
Data File : PL047299.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Apr 2019 21:32
Operator : AJ\SJ
Sample : K2361-01MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

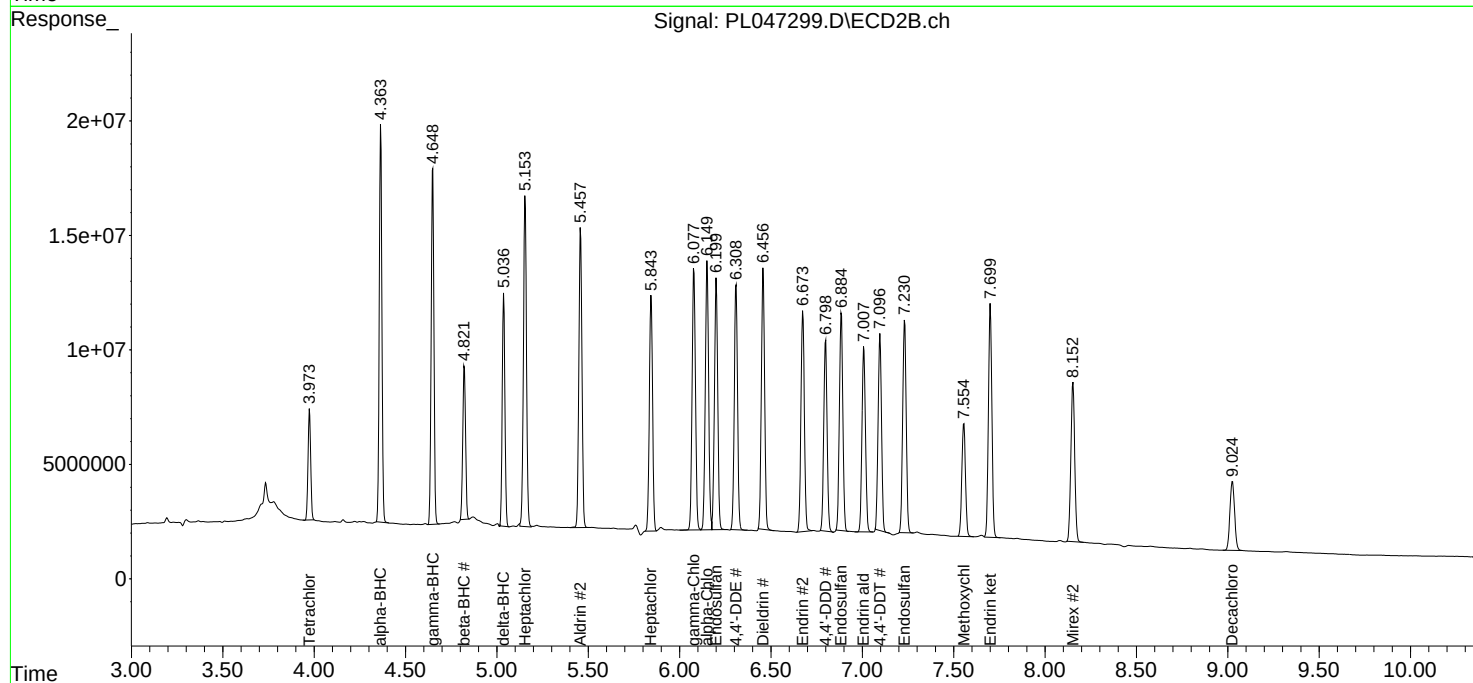
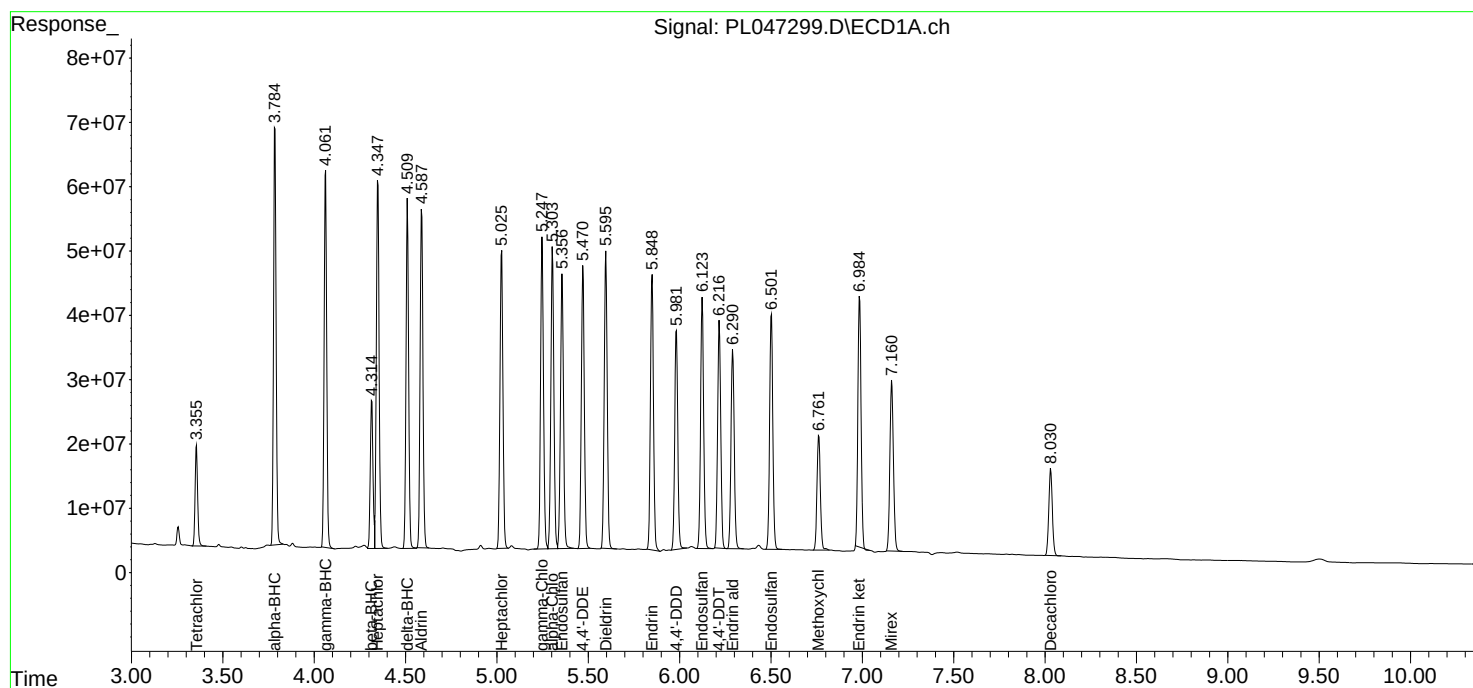
Instrument :
ECD_L
ClientSampleId :
FK-BPM-01-E1-E1A-F1-F1AMSD

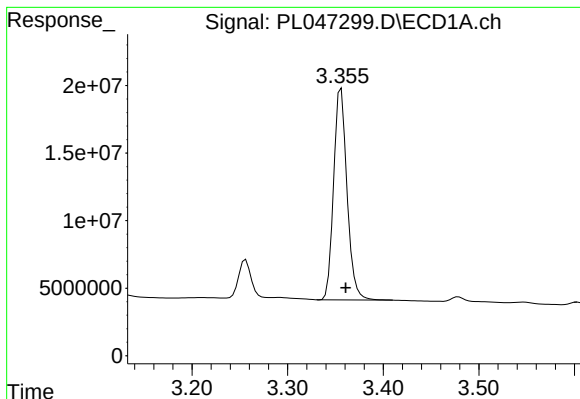
Manual Integrations
APPROVED

Sohil
4/12/2019 10:43:07 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 01:18:57 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
Quant Title : GC Extractables
QLast Update : Fri Mar 22 13:40:08 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





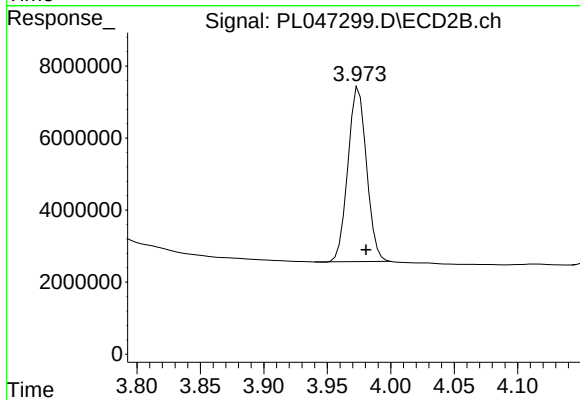
#1 Tetrachloro-m-xylene

R.T.: 3.356 min
Delta R.T.: -0.005 min
Response: 152030929
Conc: 20.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-BPM-01-E1-E1A-F1-F1AMSD

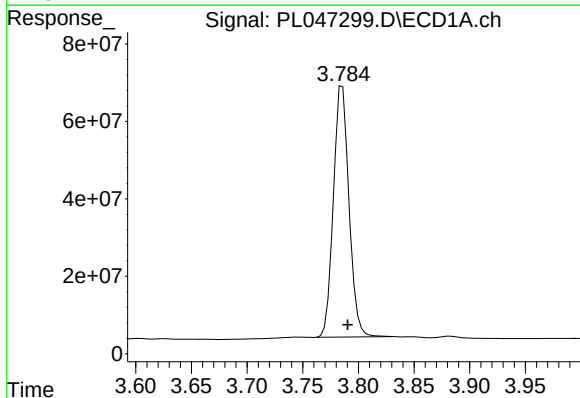
Manual Integrations
APPROVED

Sohil
4/12/2019 10:43:07 AM



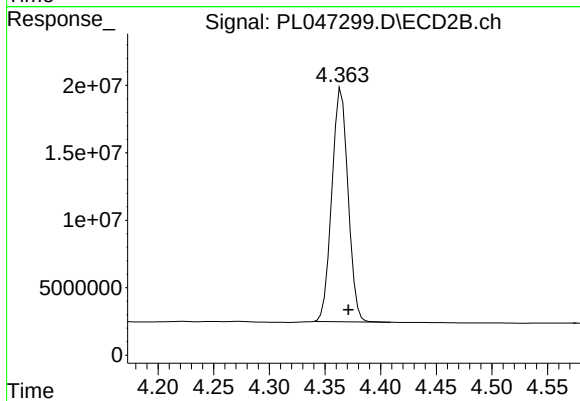
#1 Tetrachloro-m-xylene

R.T.: 3.975 min
Delta R.T.: -0.006 min
Response: 49349829
Conc: 21.55 ng/ml



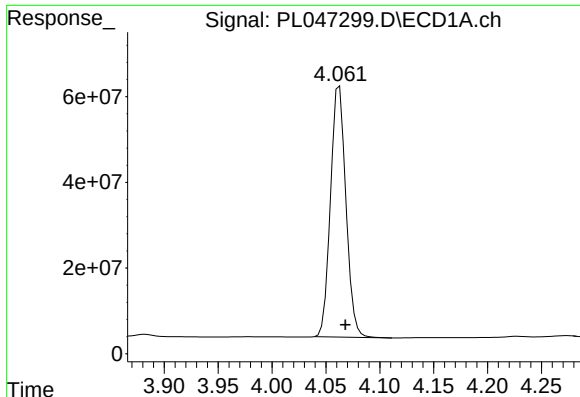
#2 alpha-BHC

R.T.: 3.786 min
Delta R.T.: -0.005 min
Response: 633379458
Conc: 54.31 ng/ml



#2 alpha-BHC

R.T.: 4.365 min
Delta R.T.: -0.006 min
Response: 175399725
Conc: 54.59 ng/ml



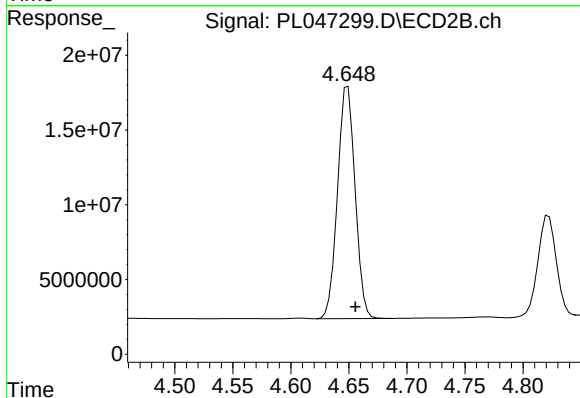
#3 gamma-BHC (Lindane)

R.T.: 4.063 min
Delta R.T.: -0.006 min
Response: 581982841
Conc: 54.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-BPM-01-E1-E1A-F1-F1AMSD

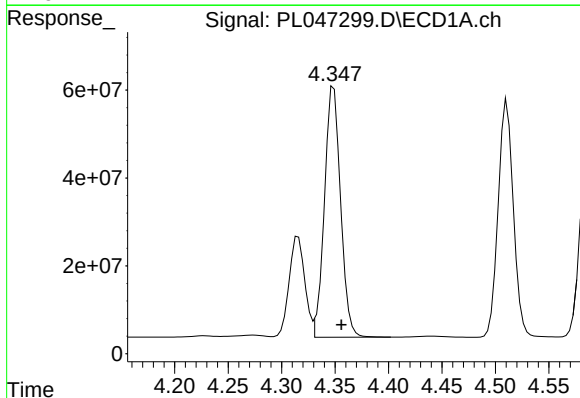
Manual Integrations
APPROVED

Sohil
4/12/2019 10:43:07 AM



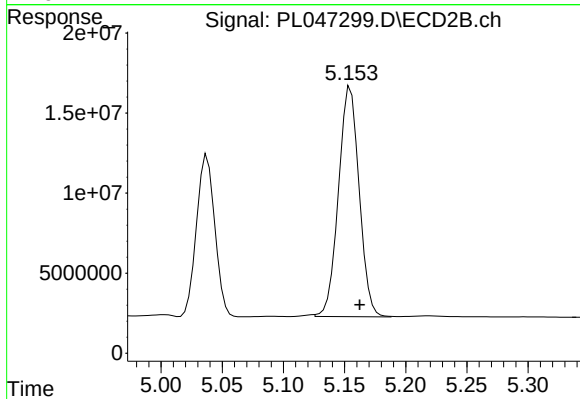
#3 gamma-BHC (Lindane)

R.T.: 4.649 min
Delta R.T.: -0.006 min
Response: 163723665
Conc: 54.70 ng/ml



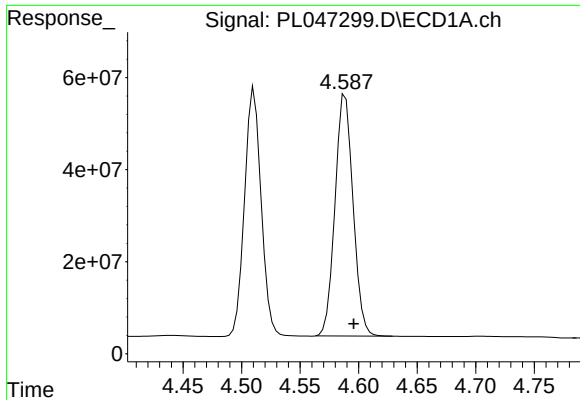
#4 Heptachlor

R.T.: 4.349 min
Delta R.T.: -0.007 min
Response: 598730218
Conc: 54.31 ng/ml



#4 Heptachlor

R.T.: 5.153 min
Delta R.T.: -0.009 min
Response: 169163038
Conc: 55.00 ng/ml m



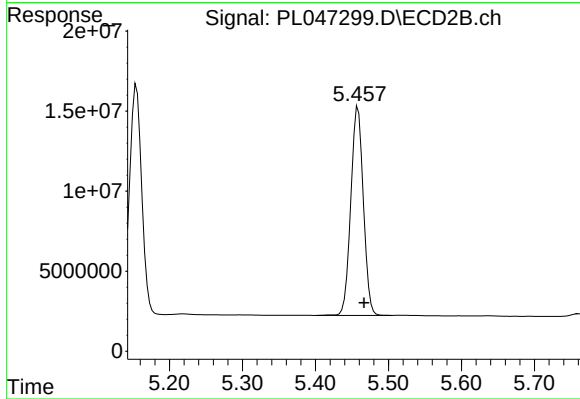
#5 Aldrin

R.T.: 4.589 min
Delta R.T.: -0.007 min
Response: 563518541
Conc: 54.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-BPM-01-E1-E1A-F1-F1AMSD

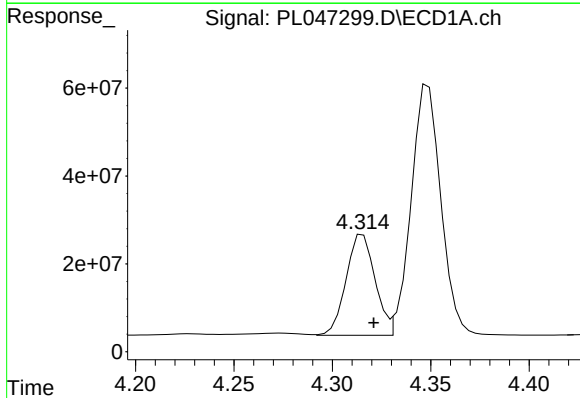
Manual Integrations
APPROVED

Sohil
4/12/2019 10:43:07 AM



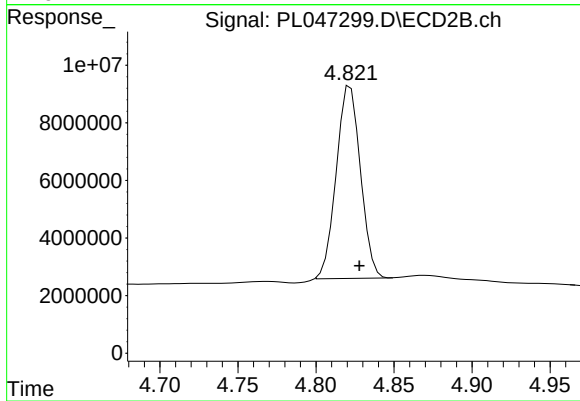
#5 Aldrin

R.T.: 5.458 min
Delta R.T.: -0.008 min
Response: 155482388
Conc: 54.27 ng/ml



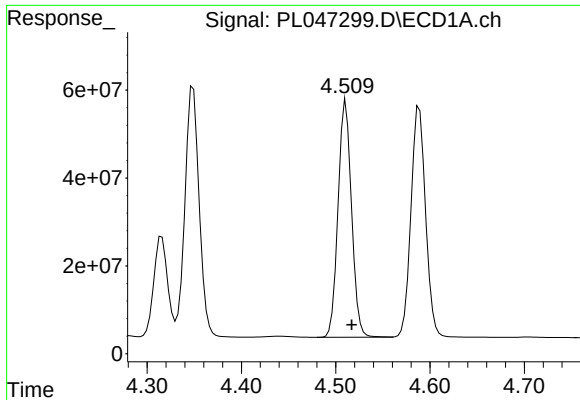
#6 beta-BHC

R.T.: 4.316 min
Delta R.T.: -0.005 min
Response: 234248839
Conc: 52.03 ng/ml



#6 beta-BHC

R.T.: 4.822 min
Delta R.T.: -0.006 min
Response: 72101807
Conc: 54.39 ng/ml



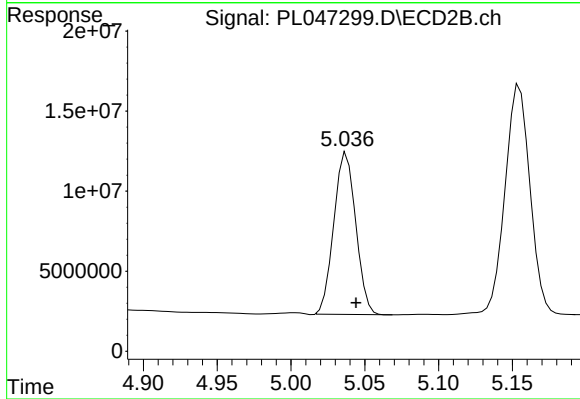
#7 delta-BHC

R.T.: 4.511 min
Delta R.T.: -0.006 min
Response: 535248563
Conc: 52.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-BPM-01-E1-E1A-F1-F1AMSD

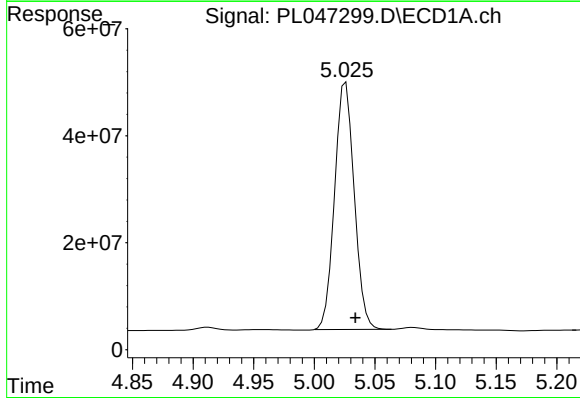
Manual Integrations
APPROVED

Sohil
4/12/2019 10:43:07 AM



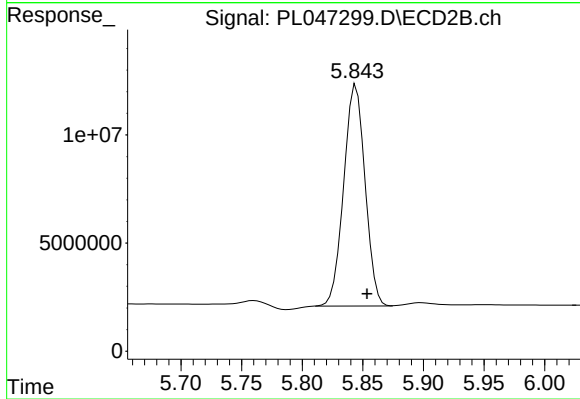
#7 delta-BHC

R.T.: 5.038 min
Delta R.T.: -0.007 min
Response: 104645074
Conc: 45.10 ng/ml



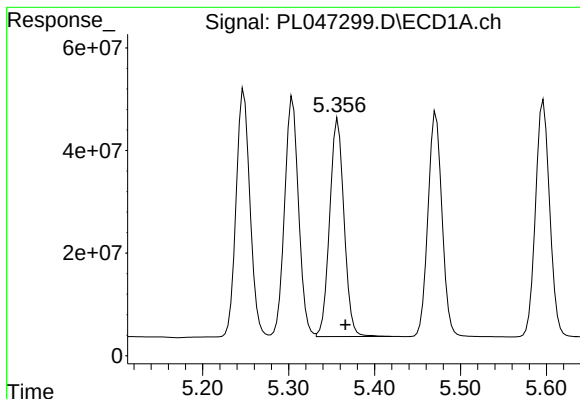
#8 Heptachlor epoxide

R.T.: 5.026 min
Delta R.T.: -0.008 min
Response: 520057920
Conc: 53.32 ng/ml



#8 Heptachlor epoxide

R.T.: 5.843 min
Delta R.T.: -0.010 min
Response: 125611576
Conc: 47.63 ng/ml m



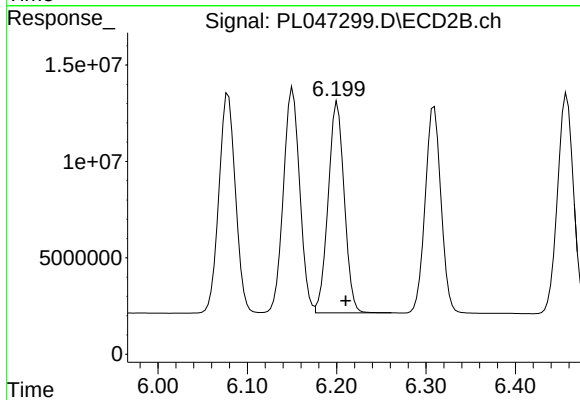
#9 Endosulfan I

R.T.: 5.357 min
Delta R.T.: -0.009 min
Response: 492698445
Conc: 52.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-BPM-01-E1-E1A-F1-F1AMSD

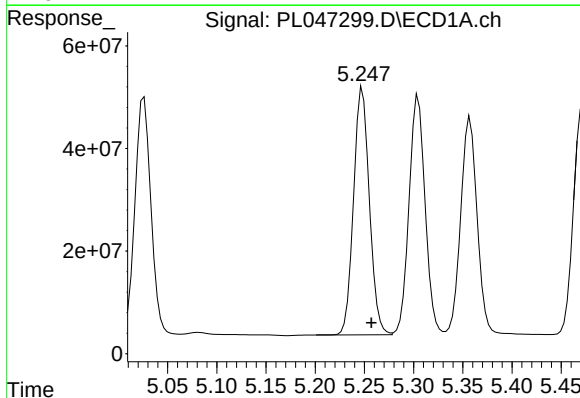
Manual Integrations
APPROVED

Sohil
4/12/2019 10:43:07 AM



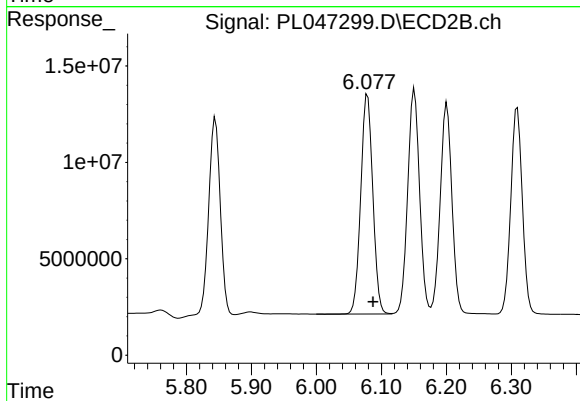
#9 Endosulfan I

R.T.: 6.201 min
Delta R.T.: -0.009 min
Response: 137098428
Conc: 52.53 ng/ml



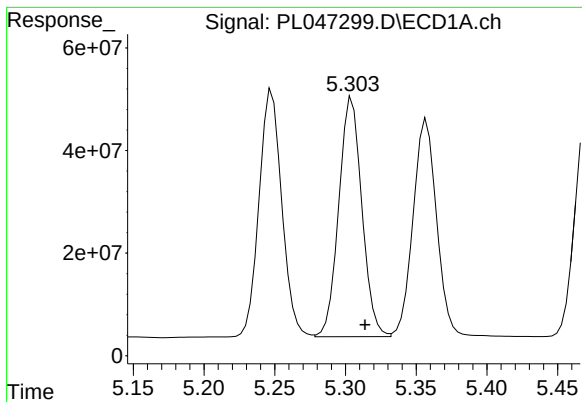
#10 gamma-Chlordane

R.T.: 5.248 min
Delta R.T.: -0.009 min
Response: 539830269
Conc: 52.55 ng/ml



#10 gamma-Chlordane

R.T.: 6.079 min
Delta R.T.: -0.009 min
Response: 146647870
Conc: 51.67 ng/ml



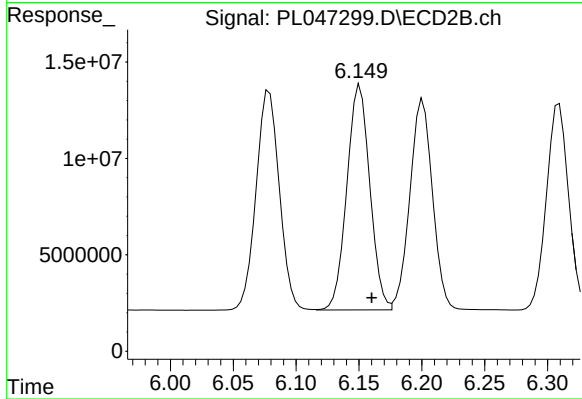
#11 alpha-Chlordane

R.T.: 5.305 min
Delta R.T.: -0.009 min
Response: 530798330
Conc: 52.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-BPM-01-E1-E1A-F1-F1AMSD

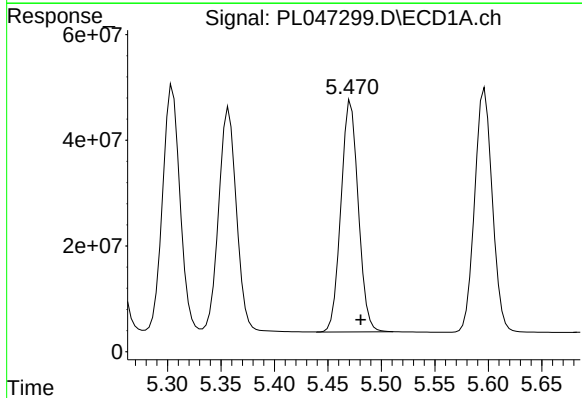
Manual Integrations
APPROVED

Sohil
4/12/2019 10:43:07 AM



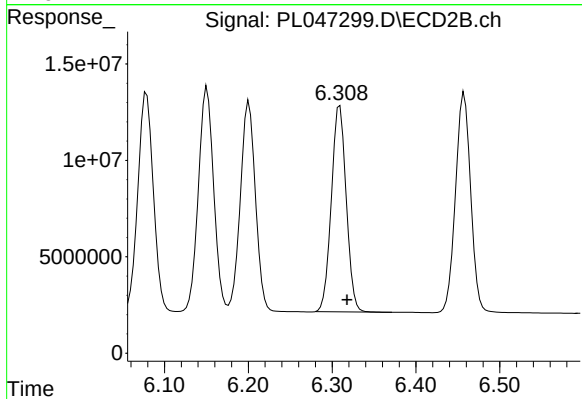
#11 alpha-Chlordane

R.T.: 6.151 min
Delta R.T.: -0.009 min
Response: 148469353
Conc: 52.34 ng/ml



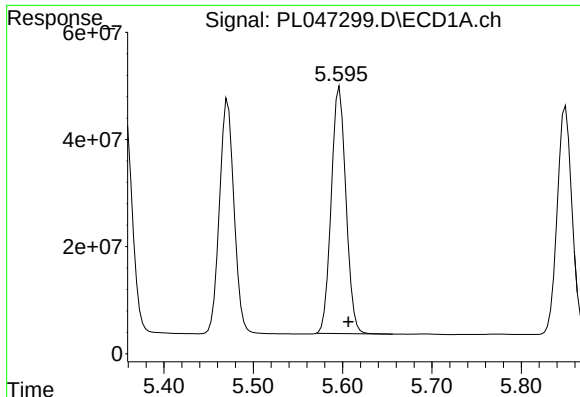
#12 4,4'-DDE

R.T.: 5.470 min
Delta R.T.: -0.011 min
Response: 494371895
Conc: 53.70 ng/ml m



#12 4,4'-DDE

R.T.: 6.309 min
Delta R.T.: -0.009 min
Response: 131592994
Conc: 53.01 ng/ml



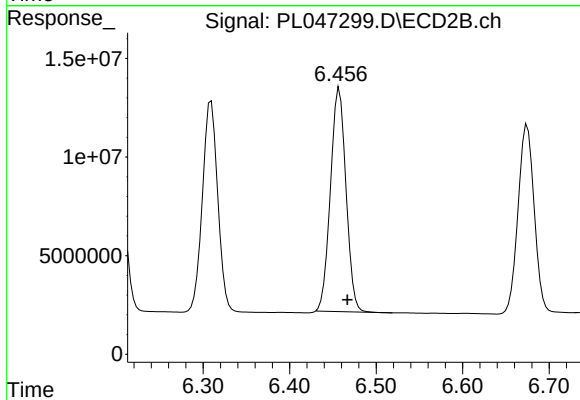
#13 Dieldrin

R.T.: 5.597 min
Delta R.T.: -0.010 min
Response: 526699728
Conc: 52.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-BPM-01-E1-E1A-F1-F1AMSD

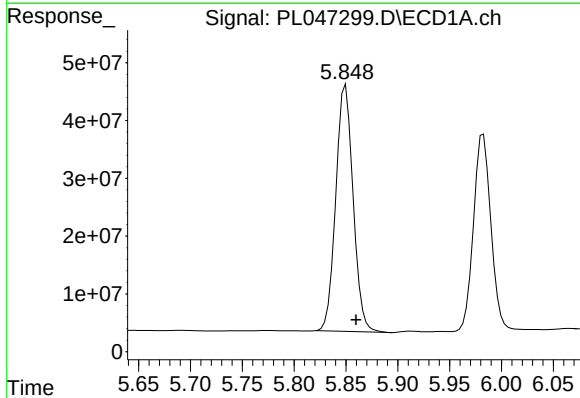
Manual Integrations
APPROVED

Sohil
4/12/2019 10:43:07 AM



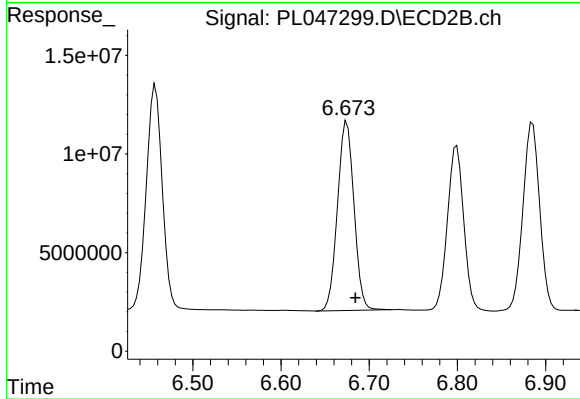
#13 Dieldrin

R.T.: 6.458 min
Delta R.T.: -0.009 min
Response: 141056488
Conc: 52.04 ng/ml



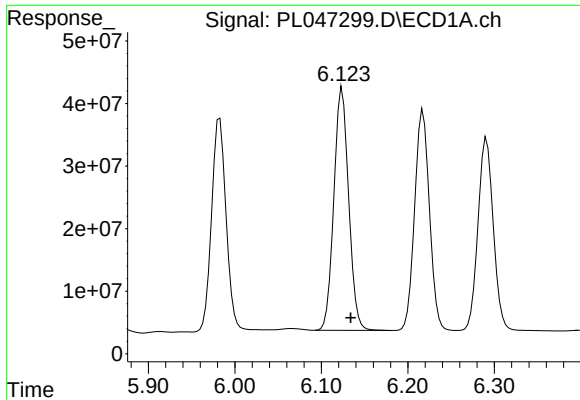
#14 Endrin

R.T.: 5.850 min
Delta R.T.: -0.010 min
Response: 496247900
Conc: 52.68 ng/ml



#14 Endrin

R.T.: 6.675 min
Delta R.T.: -0.010 min
Response: 124667147
Conc: 52.17 ng/ml



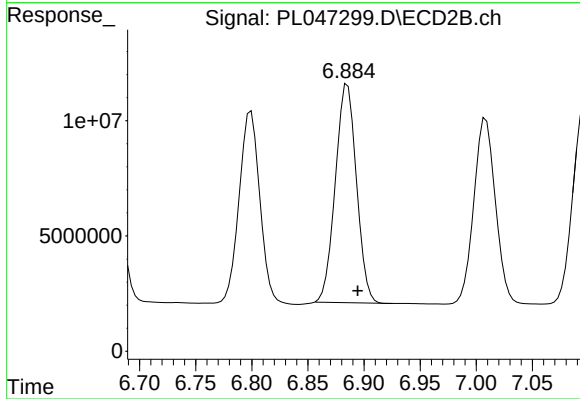
#15 Endosulfan II

R.T.: 6.124 min
Delta R.T.: -0.010 min
Response: 459135599
Conc: 51.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-BPM-01-E1-E1A-F1-F1AMSD

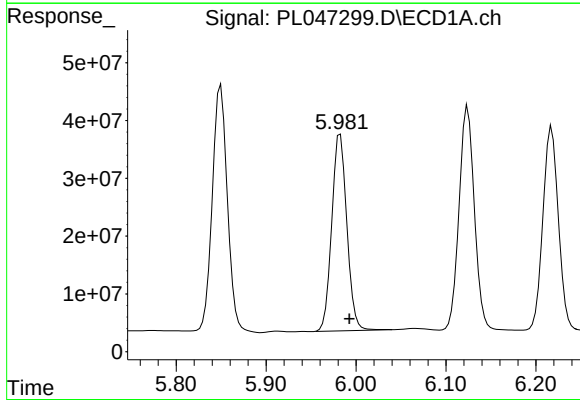
Manual Integrations
APPROVED

Sohil
4/12/2019 10:43:07 AM



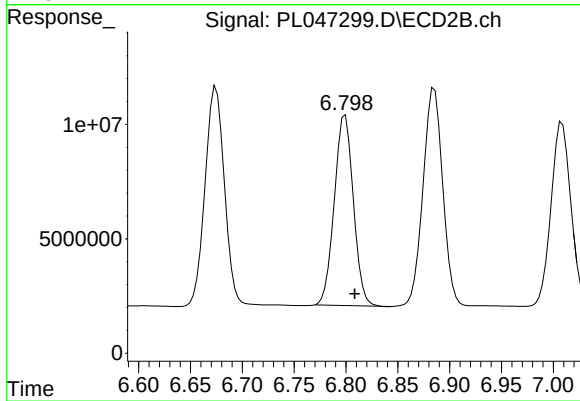
#15 Endosulfan II

R.T.: 6.885 min
Delta R.T.: -0.009 min
Response: 124154414
Conc: 51.45 ng/ml



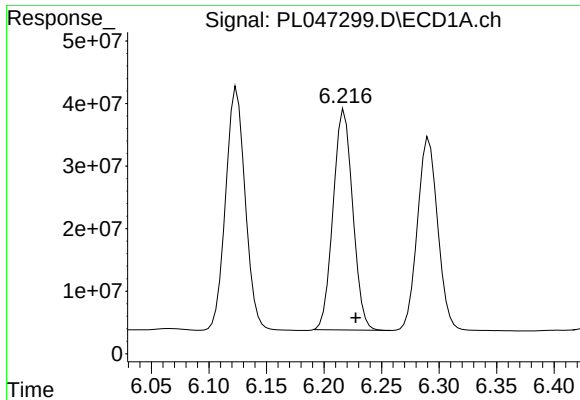
#16 4,4'-DDD

R.T.: 5.982 min
Delta R.T.: -0.010 min
Response: 397981572
Conc: 52.65 ng/ml



#16 4,4'-DDD

R.T.: 6.799 min
Delta R.T.: -0.009 min
Response: 106386465
Conc: 52.88 ng/ml



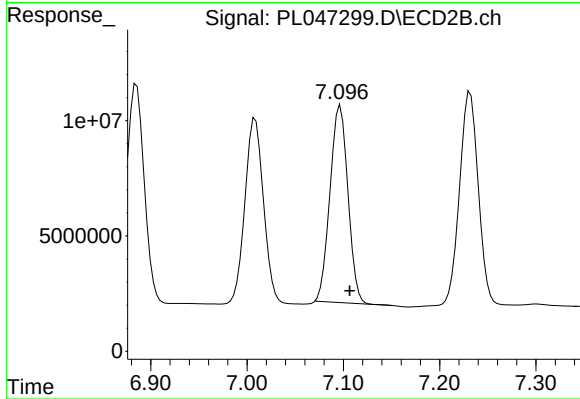
#17 4,4'-DDT

R.T.: 6.218 min
Delta R.T.: -0.010 min
Response: 417736212
Conc: 55.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-BPM-01-E1-E1A-F1-F1AMSD

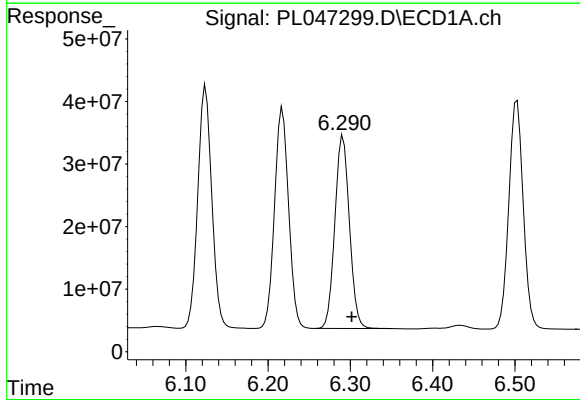
Manual Integrations
APPROVED

Sohil
4/12/2019 10:43:07 AM



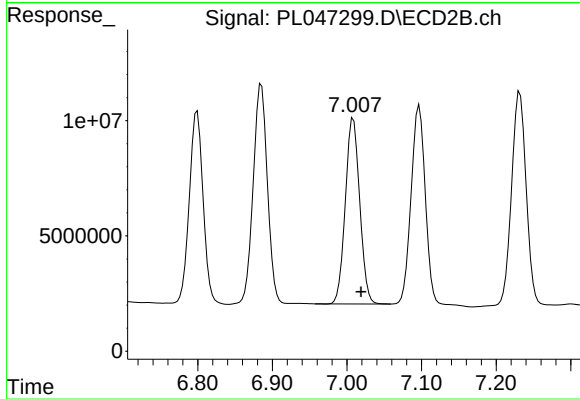
#17 4,4'-DDT

R.T.: 7.097 min
Delta R.T.: -0.010 min
Response: 110869461
Conc: 52.87 ng/ml



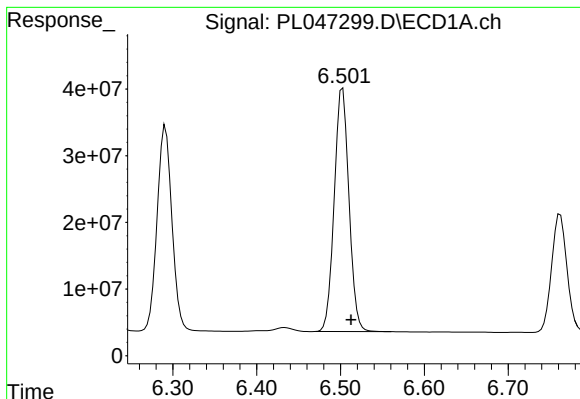
#18 Endrin aldehyde

R.T.: 6.291 min
Delta R.T.: -0.010 min
Response: 378961968
Conc: 50.56 ng/ml



#18 Endrin aldehyde

R.T.: 7.008 min
Delta R.T.: -0.010 min
Response: 107803383
Conc: 50.75 ng/ml



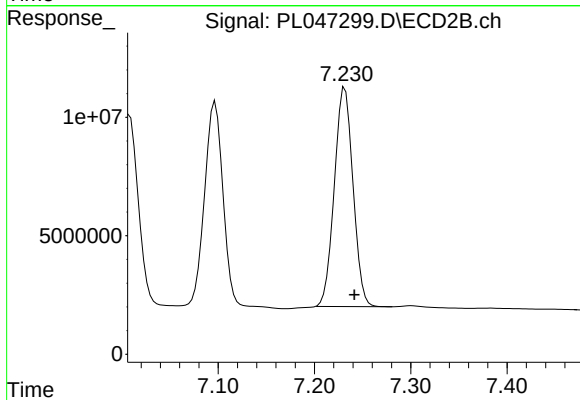
#19 Endosulfan Sulfate

R.T.: 6.503 min
Delta R.T.: -0.010 min
Response: 445589315
Conc: 54.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-BPM-01-E1-E1A-F1-F1AMSD

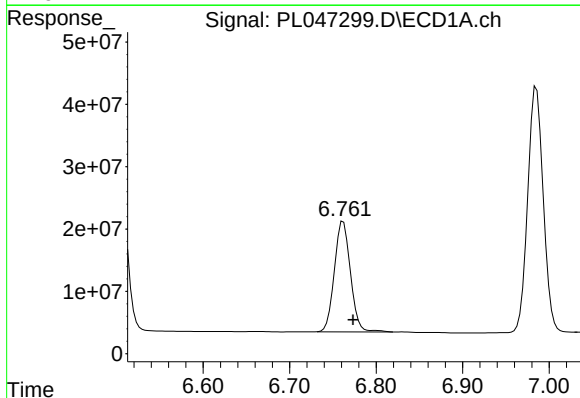
Manual Integrations
APPROVED

Sohil
4/12/2019 10:43:07 AM



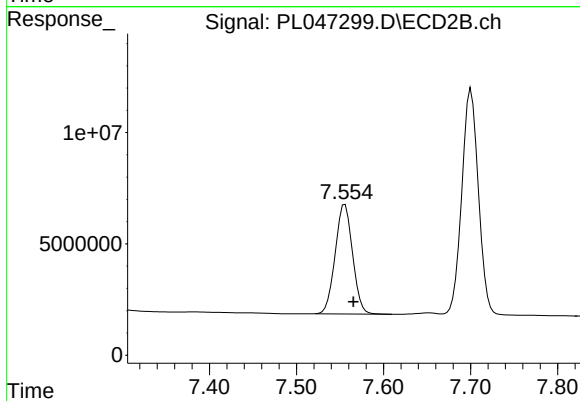
#19 Endosulfan Sulfate

R.T.: 7.232 min
Delta R.T.: -0.010 min
Response: 124546340
Conc: 52.80 ng/ml



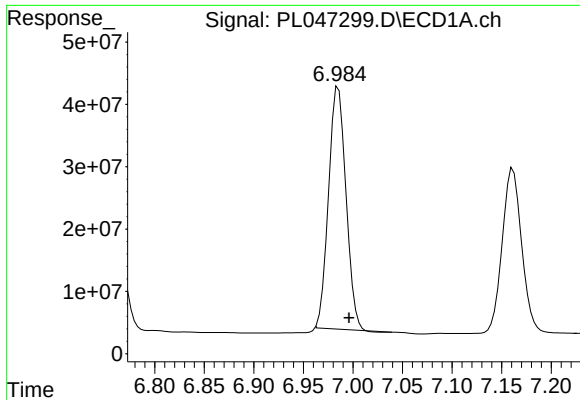
#20 Methoxychlor

R.T.: 6.762 min
Delta R.T.: -0.011 min
Response: 228346857
Conc: 53.73 ng/ml



#20 Methoxychlor

R.T.: 7.556 min
Delta R.T.: -0.010 min
Response: 68322724
Conc: 53.60 ng/ml



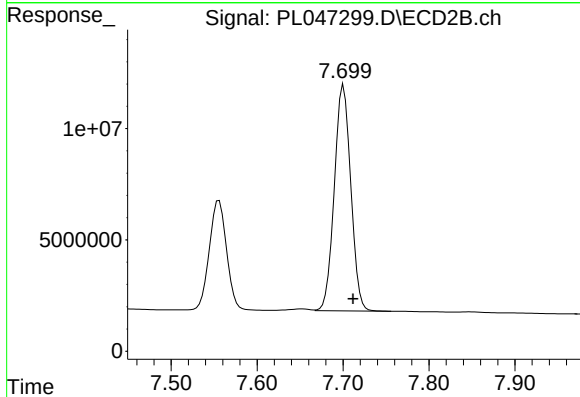
#21 Endrin ketone

R.T.: 6.985 min
Delta R.T.: -0.011 min
Response: 472842006
Conc: 51.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-BPM-01-E1-E1A-F1-F1AMSD

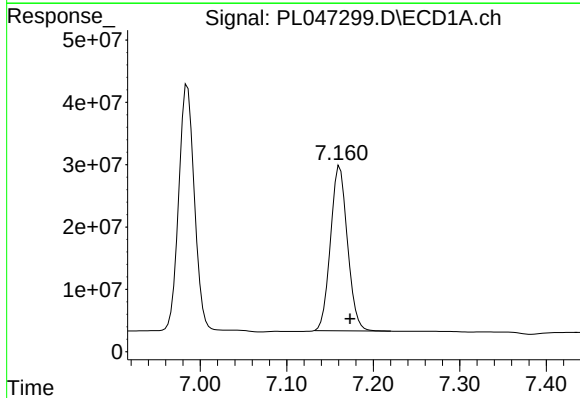
Manual Integrations
APPROVED

Sohil
4/12/2019 10:43:07 AM



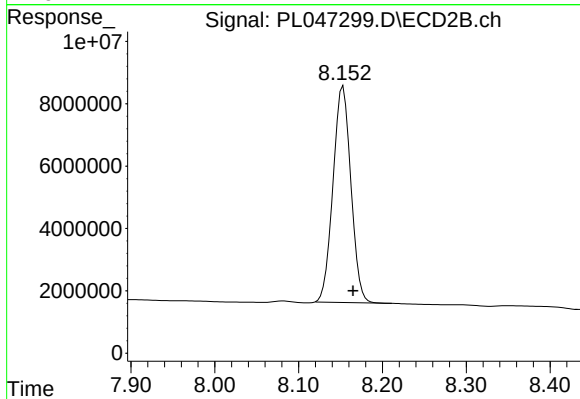
#21 Endrin ketone

R.T.: 7.701 min
Delta R.T.: -0.011 min
Response: 134792841
Conc: 54.25 ng/ml



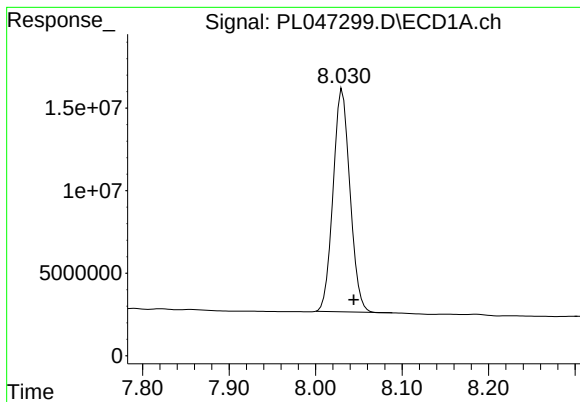
#22 Mirex

R.T.: 7.161 min
Delta R.T.: -0.012 min
Response: 359458181
Conc: 49.34 ng/ml



#22 Mirex

R.T.: 8.153 min
Delta R.T.: -0.012 min
Response: 102635769
Conc: 51.31 ng/ml



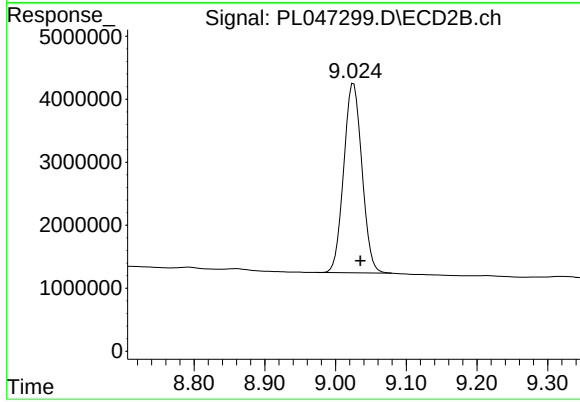
#28 Decachlorobiphenyl

R.T.: 8.031 min
Delta R.T.: -0.013 min
Response: 182247724
Conc: 21.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-BPM-01-E1-E1A-F1-F1AMSD

Manual Integrations
APPROVED

Sohil
4/12/2019 10:43:07 AM



#28 Decachlorobiphenyl

R.T.: 9.026 min
Delta R.T.: -0.009 min
Response: 53857888
Conc: 23.23 ng/ml