

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041519\
 Data File : PL047402.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Apr 2019 21:17
 Operator : AJ\SJ
 Sample : K2199-10MSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OR-02-041219-AMSD

Manual Integrations
 APPROVED

Sohil
 4/16/2019 11:52:20 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 16 01:50:28 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...	3.357	3.976	158.1E6	51247830	21.737	22.383
28)	SA Decachlor...	8.034	9.030	142.2E6	44324675	16.908	19.118
Target Compounds							
2)	A alpha-BHC	3.787	4.366	698.6E6	191.2E6	59.904	59.514
3)	MA gamma-BHC...	4.064	4.649	642.9E6	180.6E6	59.840	60.333m
4)	MA Heptachlor	4.351	5.155	673.7E6	190.5E6	61.107	61.938m
5)	MB Aldrin	4.591	5.460	643.1E6	177.3E6	62.347	61.888
6)	B beta-BHC	4.317	4.824	263.6E6	78475763	58.541	59.196
7)	B delta-BHC	4.512	5.038	589.0E6	149.6E6	58.188	64.471m
8)	B Heptachlor...	5.028	5.846	592.4E6	161.2E6	60.738	61.109m
9)	A Endosulfan I	5.359	6.203	556.8E6	152.9E6	59.216	58.592
10)	B gamma-Chl...	5.250	6.081	610.6E6	167.8E6	59.436	59.130
11)	B alpha-Chl...	5.307	6.153	595.6E6	165.8E6	58.745	58.449
12)	B 4,4'-DDE	5.473	6.312	562.3E6	150.3E6	61.078m	60.533
13)	MA Dieldrin	5.599	6.460	603.7E6	159.4E6	60.158	58.803
14)	MA Endrin	5.853	6.678	556.0E6	141.8E6	59.025	59.341
15)	B Endosulfa...	6.127	6.888	506.1E6	138.5E6	56.492	57.387
16)	A 4,4'-DDD	5.985	6.802	451.7E6	121.8E6	59.752	60.536
17)	MA 4,4'-DDT	6.220	7.100	455.6E6	124.7E6	60.154	59.470
18)	B Endrin al...	6.294	7.012	412.4E6	117.9E6	55.026	55.499
19)	B Endosulfa...	6.505	7.235	481.8E6	136.0E6	58.671	57.631
20)	A Methoxychlor	6.765	7.559	236.8E6	71993133	55.720	56.475
21)	B Endrin ke...	6.988	7.705	527.9E6	144.1E6	57.094	57.987
22)	Mirex	7.164	8.156	408.6E6	120.1E6	56.081	60.058

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041519\
Data File : PL047402.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Apr 2019 21:17
Operator : AJ\SJ
Sample : K2199-10MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

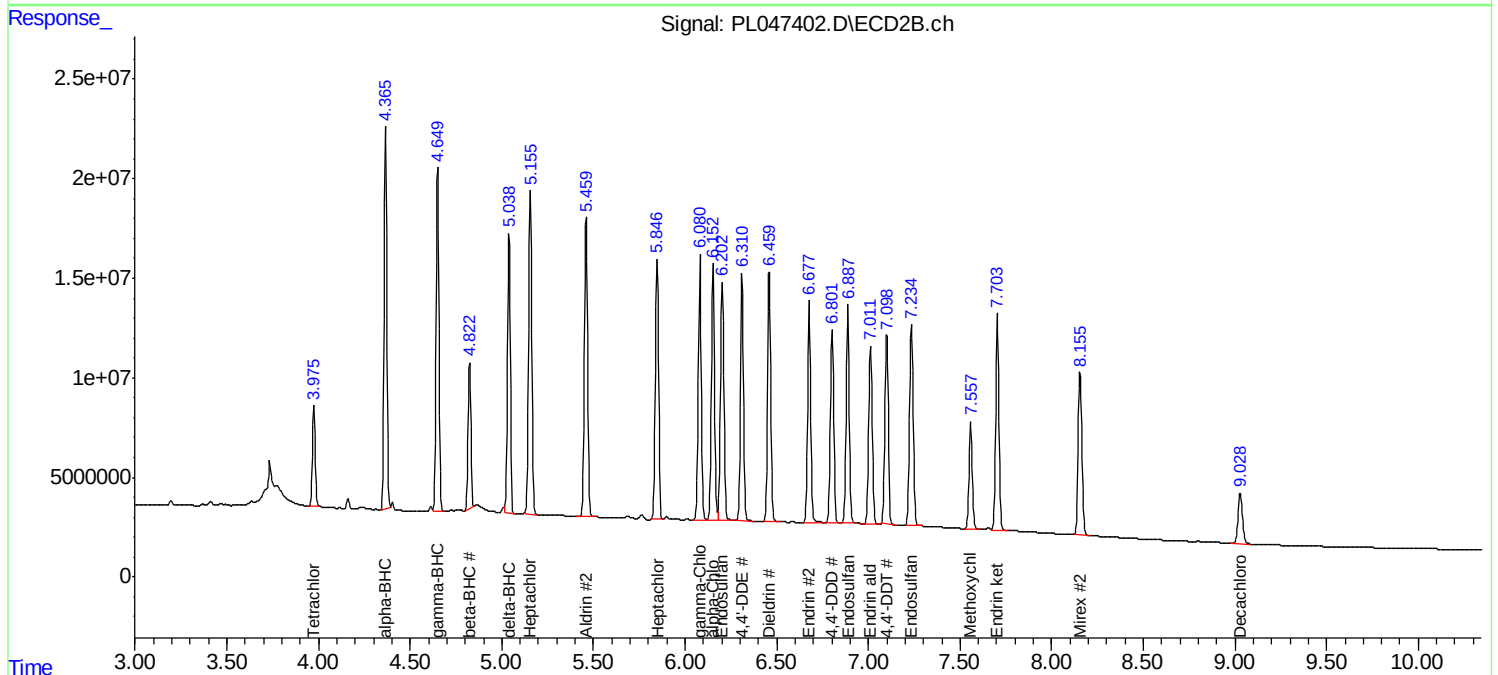
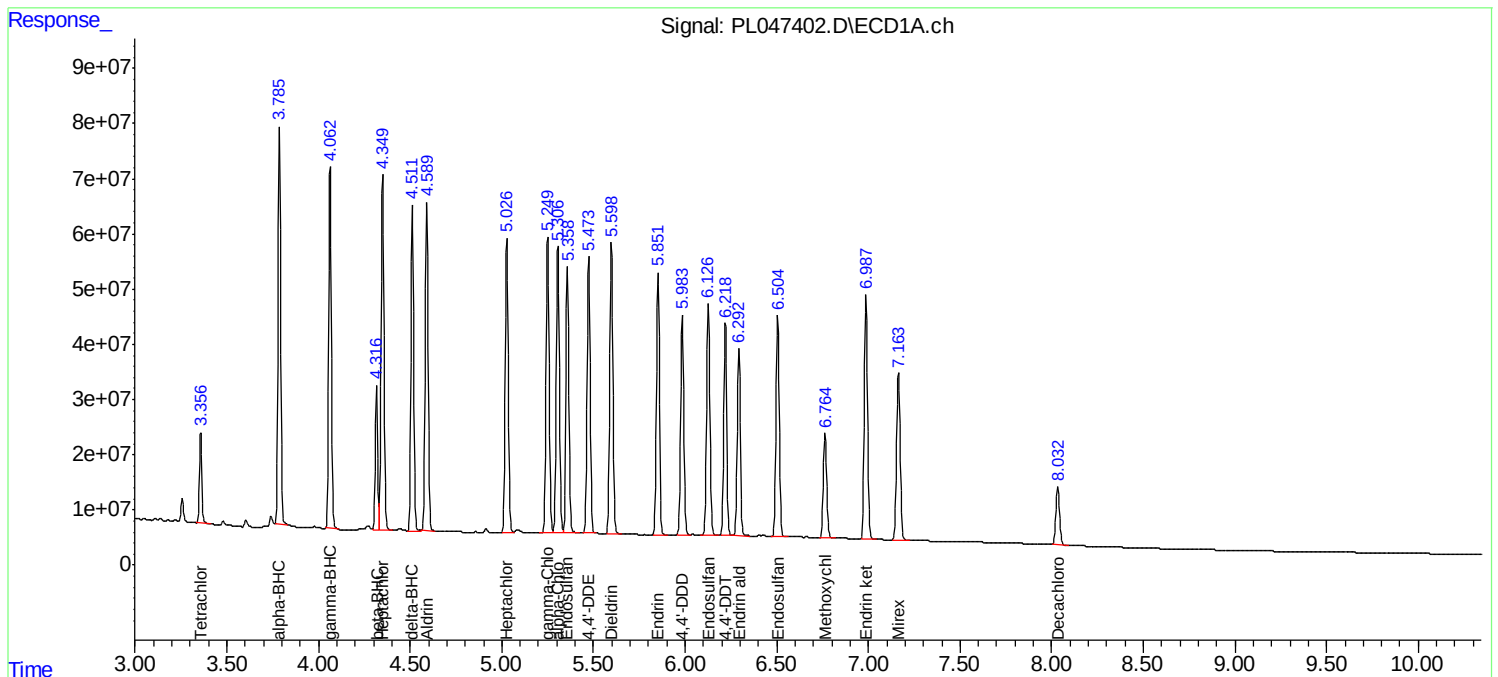
Instrument :
ECD_L
ClientSampleId :
OR-02-041219-AMSD

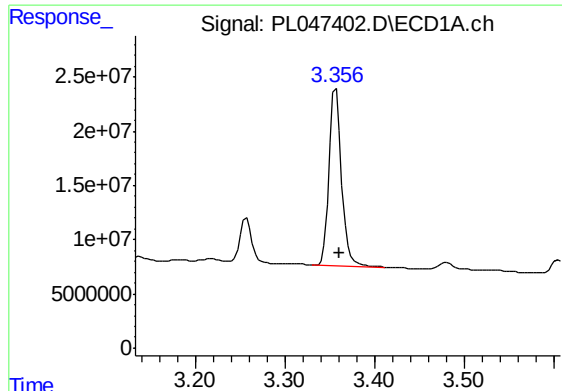
Manual Integrations
APPROVED

Sohil
4/16/2019 11:52:20 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 16 01:50:28 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





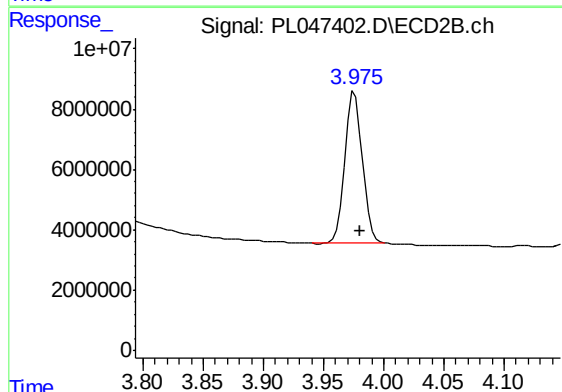
#1 Tetrachloro-m-xylene

R.T.: 3.357 min
Delta R.T.: -0.004 min
Response: 158129422
Conc: 21.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-041219-AMSD

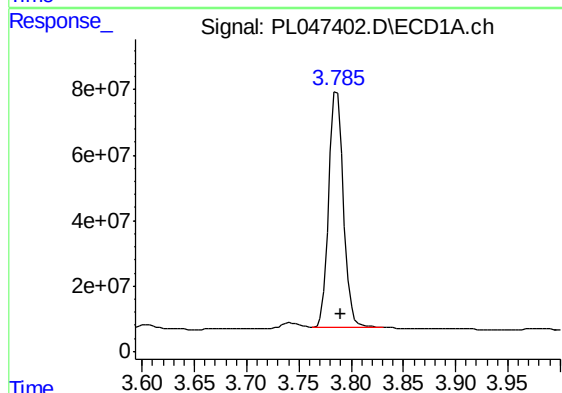
Manual Integrations
APPROVED

Sohil
4/16/2019 11:52:20 AM



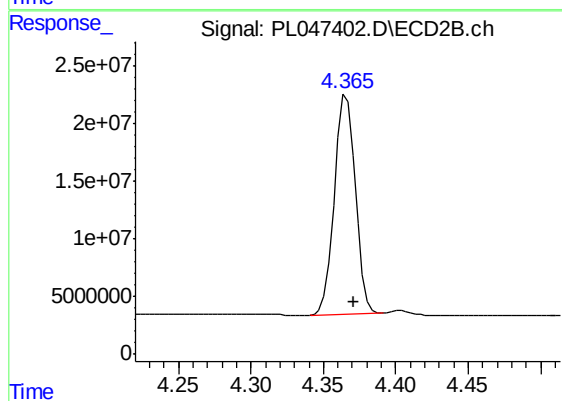
#1 Tetrachloro-m-xylene

R.T.: 3.976 min
Delta R.T.: -0.005 min
Response: 51247830
Conc: 22.38 ng/ml



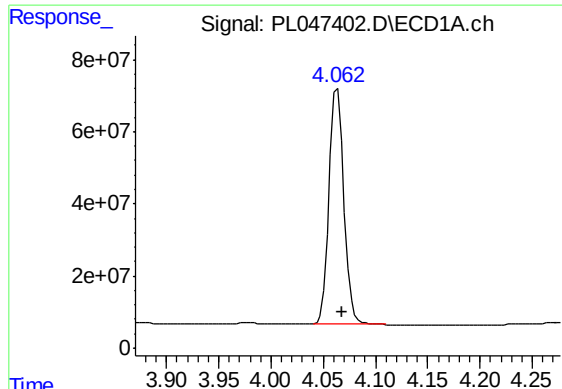
#2 alpha-BHC

R.T.: 3.787 min
Delta R.T.: -0.004 min
Response: 698600986
Conc: 59.90 ng/ml



#2 alpha-BHC

R.T.: 4.366 min
Delta R.T.: -0.005 min
Response: 191234739
Conc: 59.51 ng/ml



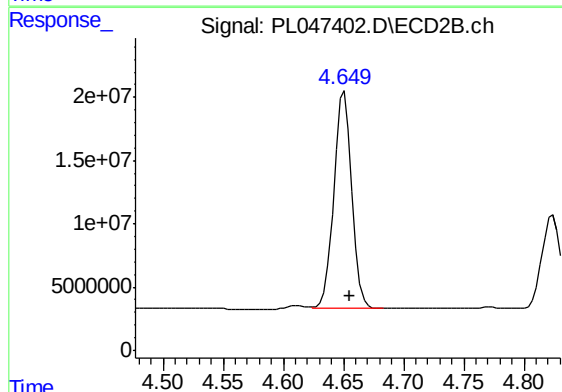
#3 gamma-BHC (Lindane)

R.T.: 4.064 min
Delta R.T.: -0.005 min
Response: 642948278
Conc: 59.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-041219-AMSD

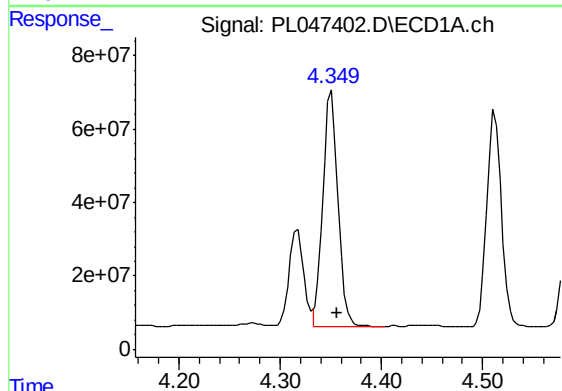
Manual Integrations
APPROVED

Sohil
4/16/2019 11:52:20 AM



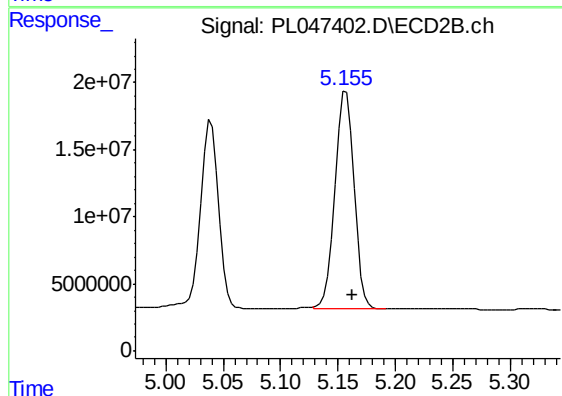
#3 gamma-BHC (Lindane)

R.T.: 4.649 min
Delta R.T.: -0.006 min
Response: 180578725
Conc: 60.33 ng/ml m



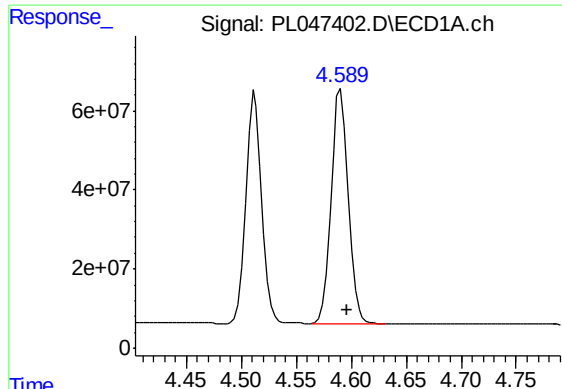
#4 Heptachlor

R.T.: 4.351 min
Delta R.T.: -0.005 min
Response: 673709561
Conc: 61.11 ng/ml



#4 Heptachlor

R.T.: 5.155 min
Delta R.T.: -0.007 min
Response: 190512898
Conc: 61.94 ng/ml m



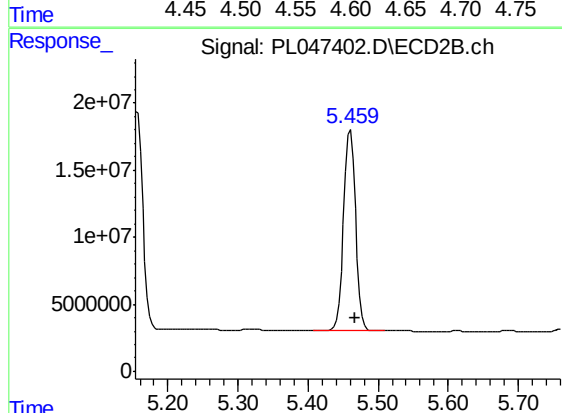
#5 Aldrin

R.T.: 4.591 min
Delta R.T.: -0.005 min
Response: 643105959
Conc: 62.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-041219-AMSD

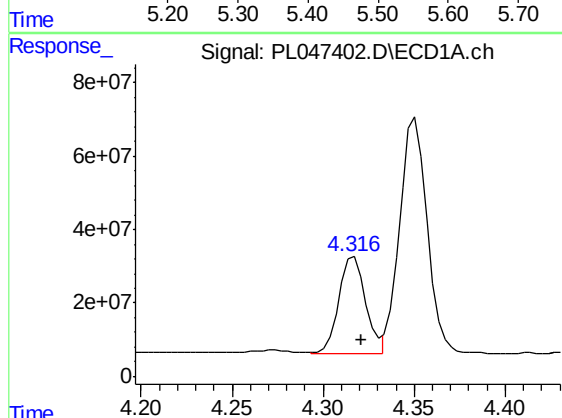
Manual Integrations
APPROVED

Sohil
4/16/2019 11:52:20 AM



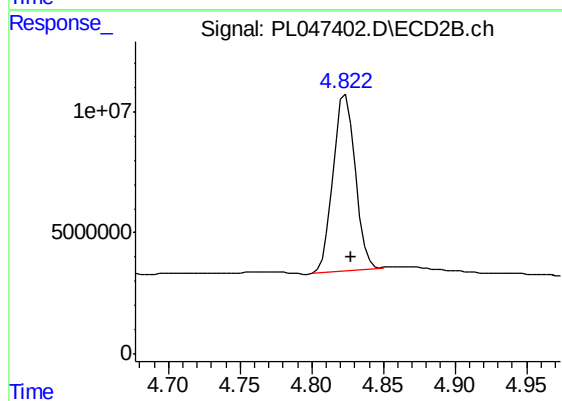
#5 Aldrin

R.T.: 5.460 min
Delta R.T.: -0.006 min
Response: 177306264
Conc: 61.89 ng/ml



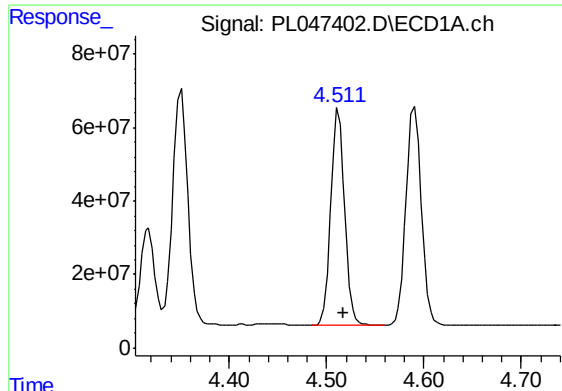
#6 beta-BHC

R.T.: 4.317 min
Delta R.T.: -0.004 min
Response: 263574897
Conc: 58.54 ng/ml



#6 beta-BHC

R.T.: 4.824 min
Delta R.T.: -0.004 min
Response: 78475763
Conc: 59.20 ng/ml



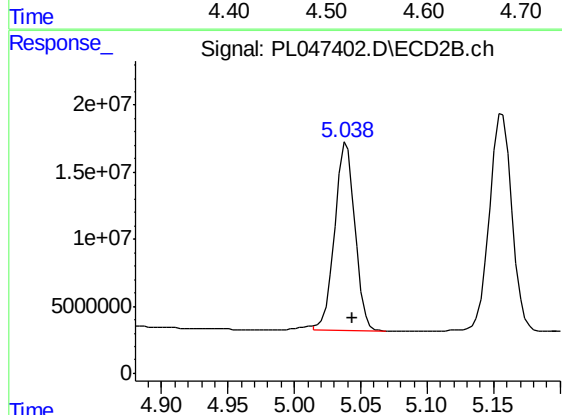
#7 delta-BHC

R.T.: 4.512 min
Delta R.T.: -0.005 min
Response: 589036111
Conc: 58.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-041219-AMSD

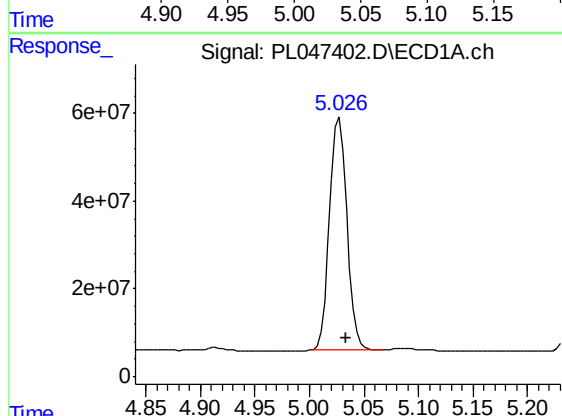
Manual Integrations
APPROVED

Sohil
4/16/2019 11:52:20 AM



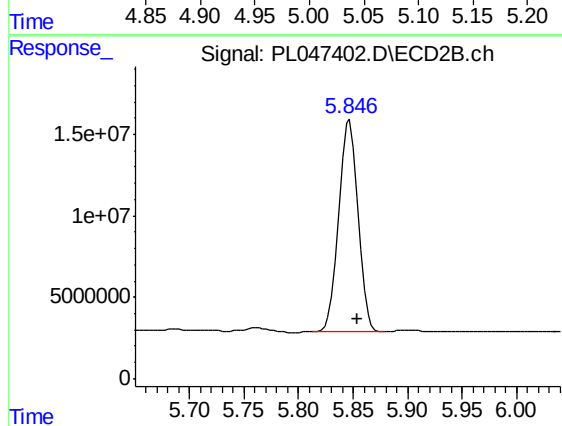
#7 delta-BHC

R.T.: 5.038 min
Delta R.T.: -0.006 min
Response: 149584626
Conc: 64.47 ng/ml m



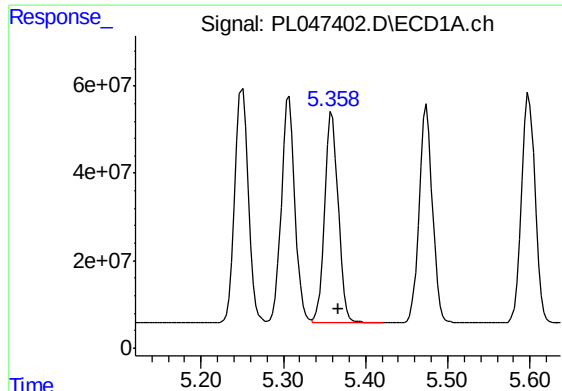
#8 Heptachlor epoxide

R.T.: 5.028 min
Delta R.T.: -0.006 min
Response: 592408468
Conc: 60.74 ng/ml



#8 Heptachlor epoxide

R.T.: 5.846 min
Delta R.T.: -0.008 min
Response: 161156621
Conc: 61.11 ng/ml m



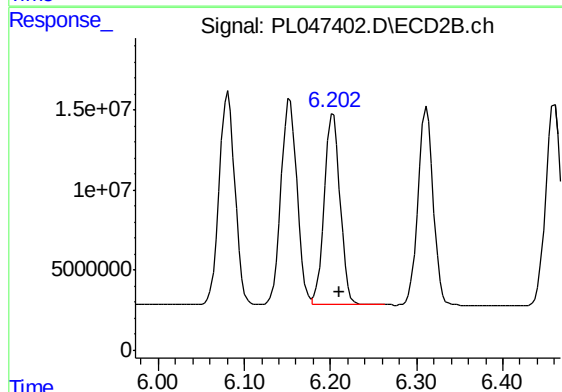
#9 Endosulfan I

R.T.: 5.359 min
Delta R.T.: -0.007 min
Response: 556773048
Conc: 59.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-041219-AMSD

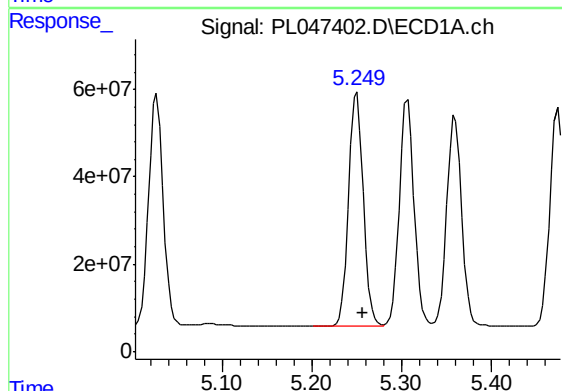
Manual Integrations
APPROVED

Sohil
4/16/2019 11:52:20 AM



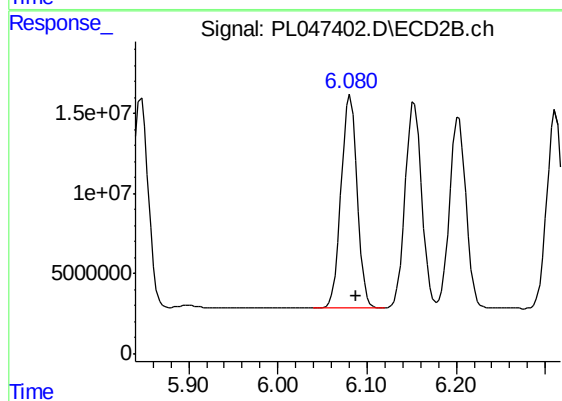
#9 Endosulfan I

R.T.: 6.203 min
Delta R.T.: -0.007 min
Response: 152916576
Conc: 58.59 ng/ml



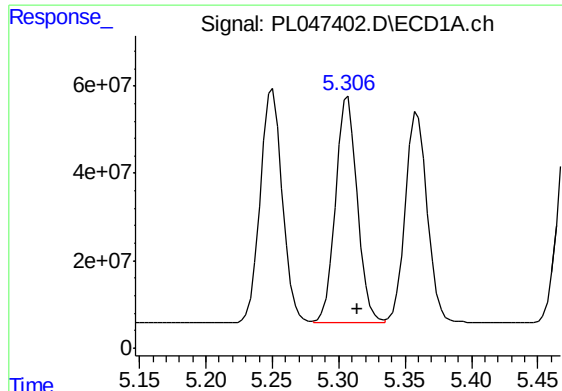
#10 gamma-Chlordane

R.T.: 5.250 min
Delta R.T.: -0.007 min
Response: 610562813
Conc: 59.44 ng/ml



#10 gamma-Chlordane

R.T.: 6.081 min
Delta R.T.: -0.006 min
Response: 167816773
Conc: 59.13 ng/ml



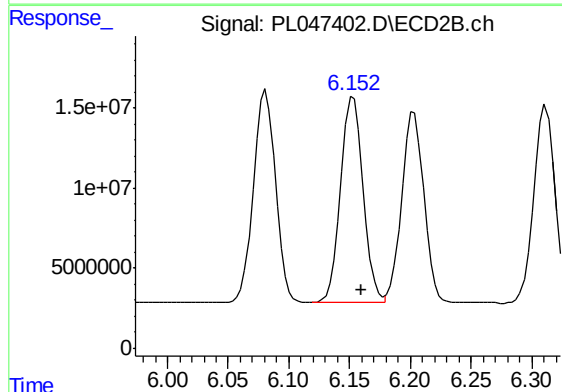
#11 alpha-Chlordane

R.T.: 5.307 min
Delta R.T.: -0.007 min
Response: 595621316
Conc: 58.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-041219-AMSD

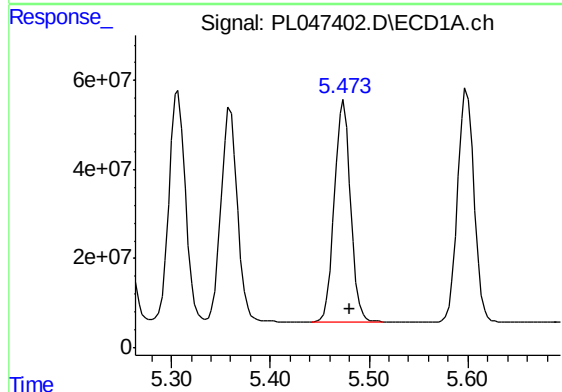
Manual Integrations
APPROVED

Sohil
4/16/2019 11:52:20 AM



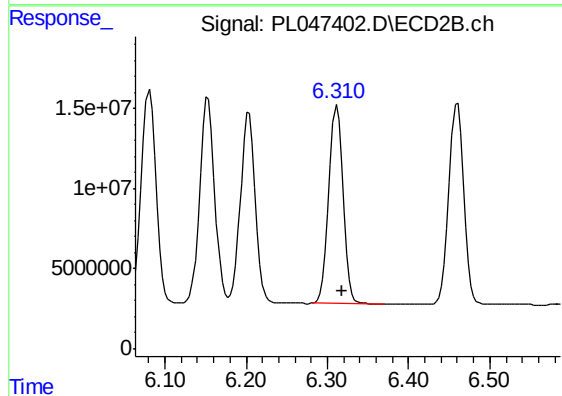
#11 alpha-Chlordane

R.T.: 6.153 min
Delta R.T.: -0.007 min
Response: 165799954
Conc: 58.45 ng/ml



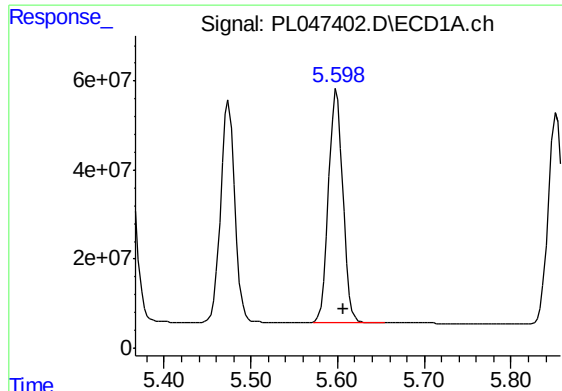
#12 4,4'-DDE

R.T.: 5.473 min
Delta R.T.: -0.008 min
Response: 562342455
Conc: 61.08 ng/ml m



#12 4,4'-DDE

R.T.: 6.312 min
Delta R.T.: -0.006 min
Response: 150263101
Conc: 60.53 ng/ml



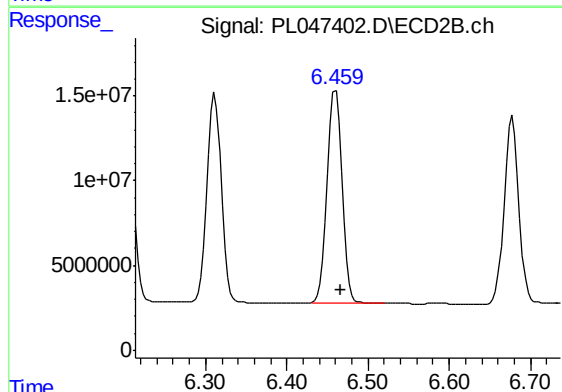
#13 Dieldrin

R.T.: 5.599 min
Delta R.T.: -0.007 min
Response: 603717528
Conc: 60.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-041219-AMSD

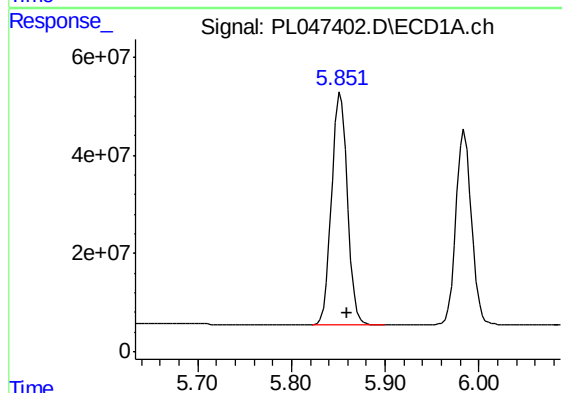
Manual Integrations
APPROVED

Sohil
4/16/2019 11:52:20 AM



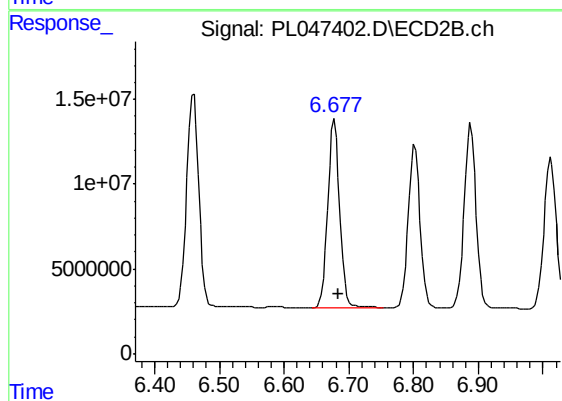
#13 Dieldrin

R.T.: 6.460 min
Delta R.T.: -0.007 min
Response: 159396493
Conc: 58.80 ng/ml



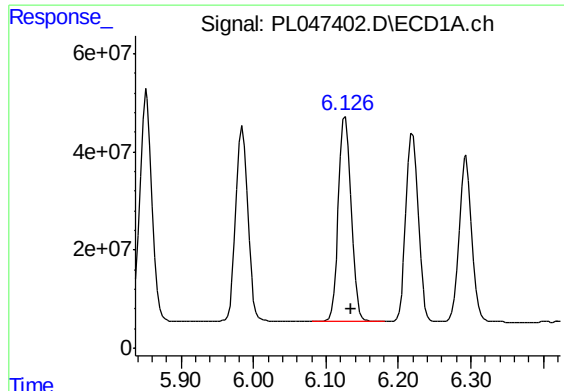
#14 Endrin

R.T.: 5.853 min
Delta R.T.: -0.007 min
Response: 555964940
Conc: 59.02 ng/ml



#14 Endrin

R.T.: 6.678 min
Delta R.T.: -0.006 min
Response: 141811544
Conc: 59.34 ng/ml



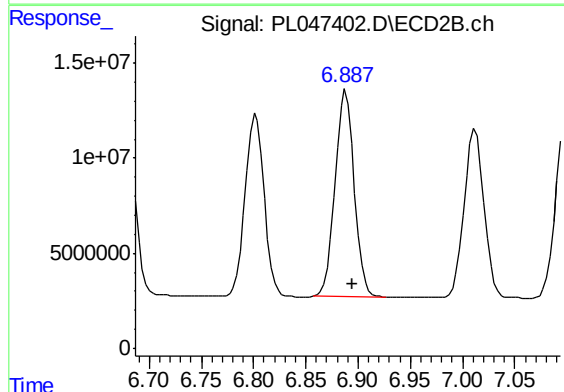
#15 Endosulfan II

R.T.: 6.127 min
Delta R.T.: -0.007 min
Response: 506145676
Conc: 56.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-041219-AMSD

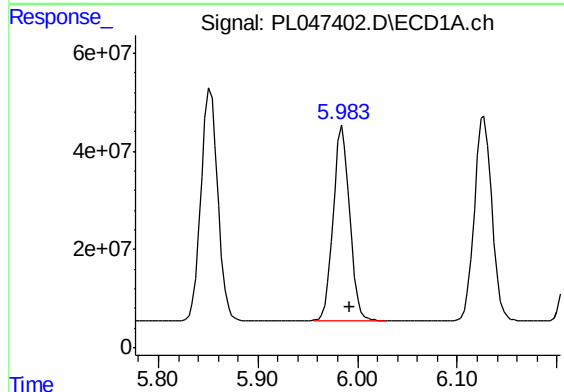
Manual Integrations
APPROVED

Sohil
4/16/2019 11:52:20 AM



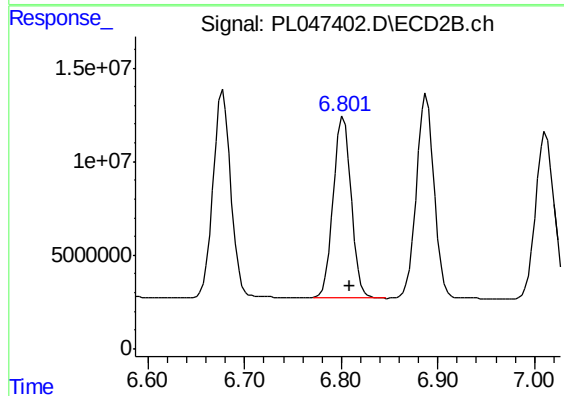
#15 Endosulfan II

R.T.: 6.888 min
Delta R.T.: -0.006 min
Response: 138467972
Conc: 57.39 ng/ml



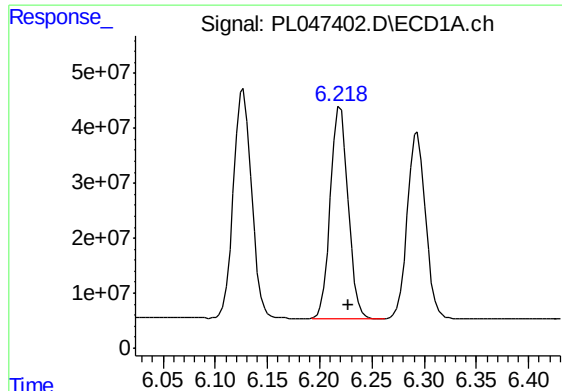
#16 4,4'-DDD

R.T.: 5.985 min
Delta R.T.: -0.008 min
Response: 451665805
Conc: 59.75 ng/ml



#16 4,4'-DDD

R.T.: 6.802 min
Delta R.T.: -0.006 min
Response: 121801259
Conc: 60.54 ng/ml



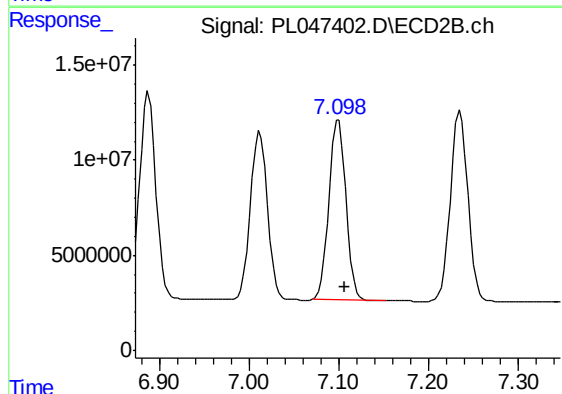
#17 4,4'-DDT

R.T.: 6.220 min
Delta R.T.: -0.008 min
Response: 455623997
Conc: 60.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-041219-AMSD

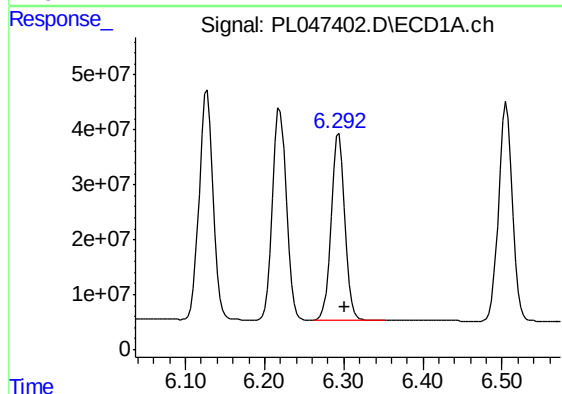
Manual Integrations
APPROVED

Sohil
4/16/2019 11:52:20 AM



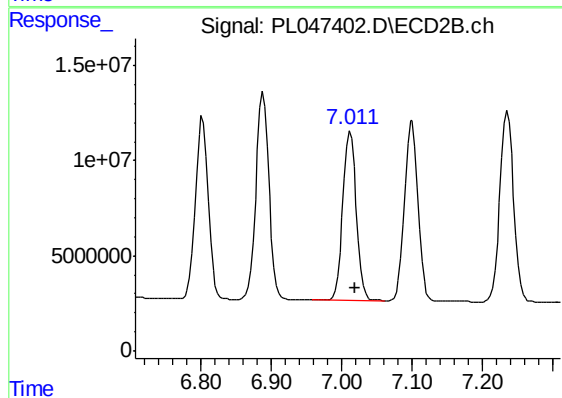
#17 4,4'-DDT

R.T.: 7.100 min
Delta R.T.: -0.007 min
Response: 124706182
Conc: 59.47 ng/ml



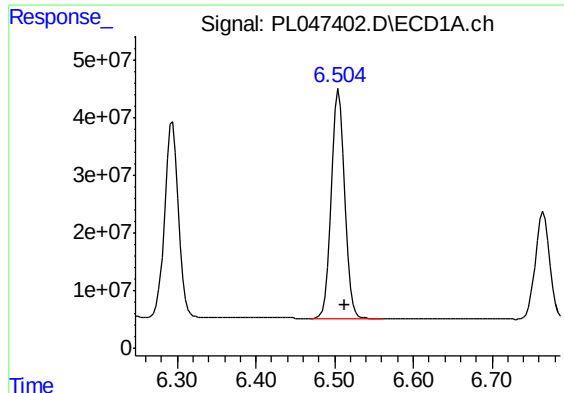
#18 Endrin aldehyde

R.T.: 6.294 min
Delta R.T.: -0.008 min
Response: 412425557
Conc: 55.03 ng/ml



#18 Endrin aldehyde

R.T.: 7.012 min
Delta R.T.: -0.007 min
Response: 117879998
Conc: 55.50 ng/ml



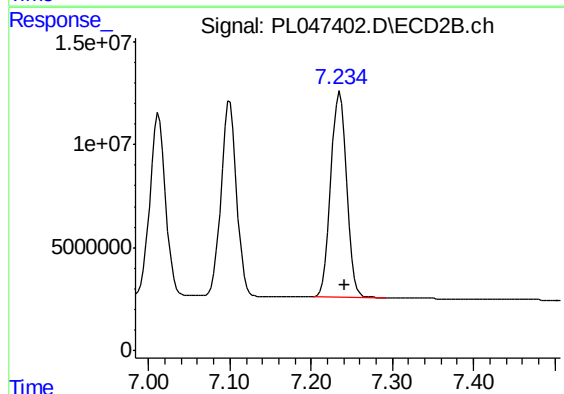
#19 Endosulfan Sulfate

R.T.: 6.505 min
Delta R.T.: -0.008 min
Response: 481761378
Conc: 58.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-041219-AMSD

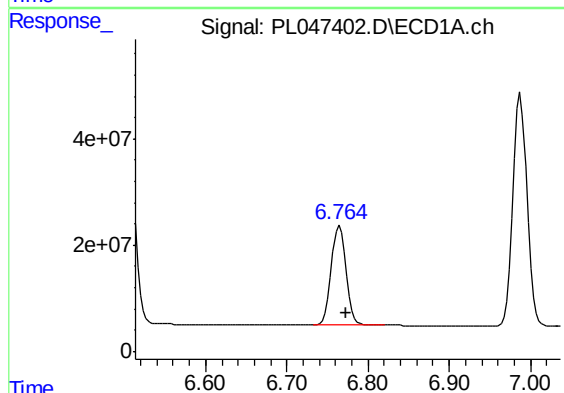
Manual Integrations
APPROVED

Sohil
4/16/2019 11:52:20 AM



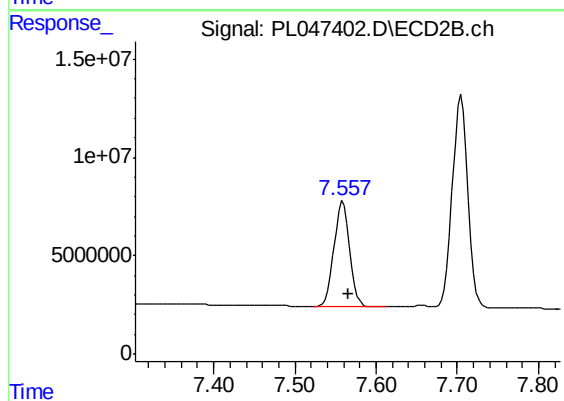
#19 Endosulfan Sulfate

R.T.: 7.235 min
Delta R.T.: -0.006 min
Response: 135951946
Conc: 57.63 ng/ml



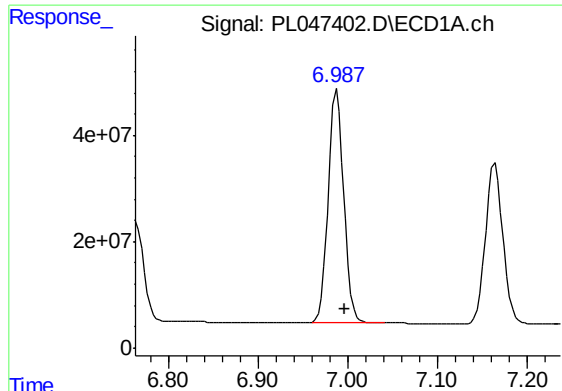
#20 Methoxychlor

R.T.: 6.765 min
Delta R.T.: -0.008 min
Response: 236804405
Conc: 55.72 ng/ml



#20 Methoxychlor

R.T.: 7.559 min
Delta R.T.: -0.006 min
Response: 71993133
Conc: 56.48 ng/ml



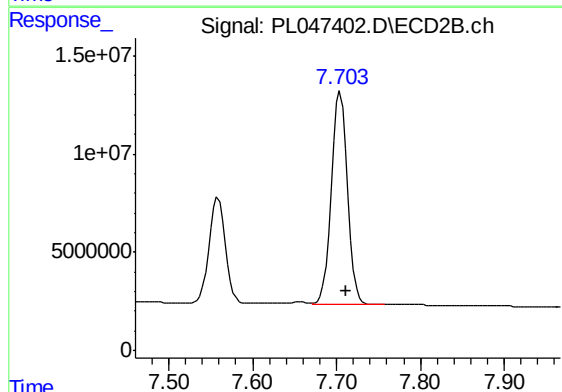
#21 Endrin ketone

R.T.: 6.988 min
Delta R.T.: -0.008 min
Response: 527935505
Conc: 57.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-041219-AMSD

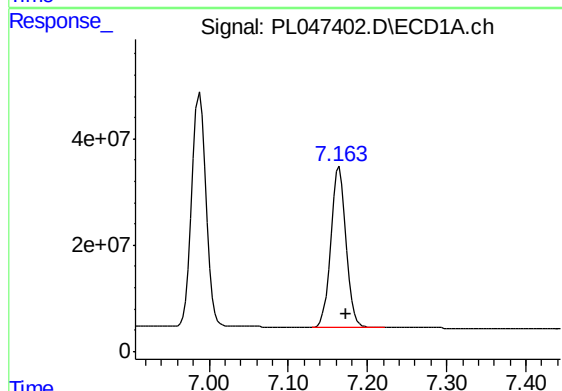
Manual Integrations
APPROVED

Sohil
4/16/2019 11:52:20 AM



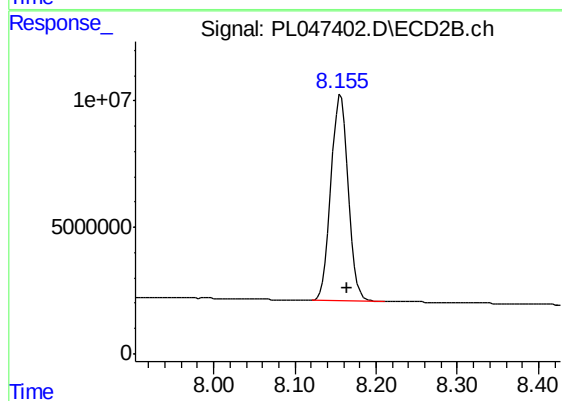
#21 Endrin ketone

R.T.: 7.705 min
Delta R.T.: -0.007 min
Response: 144071600
Conc: 57.99 ng/ml



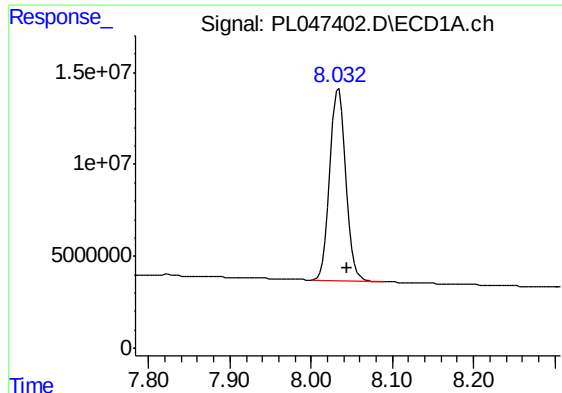
#22 Mirex

R.T.: 7.164 min
Delta R.T.: -0.009 min
Response: 408581596
Conc: 56.08 ng/ml



#22 Mirex

R.T.: 8.156 min
Delta R.T.: -0.009 min
Response: 120126424
Conc: 60.06 ng/ml



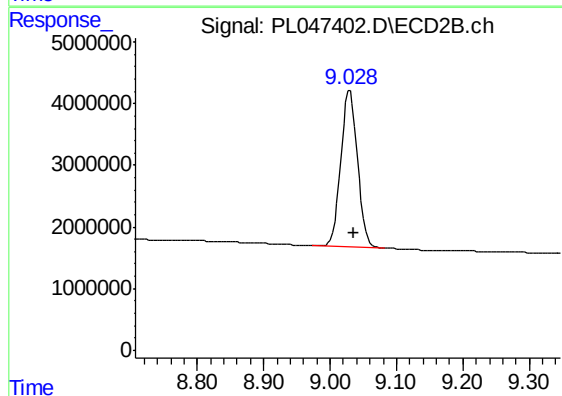
#28 Decachlorobiphenyl

R.T.: 8.034 min
Delta R.T.: -0.010 min
Response: 142213432
Conc: 16.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-041219-AMSD

Manual Integrations
APPROVED

Sohil
4/16/2019 11:52:20 AM



#28 Decachlorobiphenyl

R.T.: 9.030 min
Delta R.T.: -0.005 min
Response: 44324675
Conc: 19.12 ng/ml