

Data Path : P:\HPCHEM1\ECD_L\Data\PL013118\
 Data File : PL032825.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 01 Feb 2018 11:07
 Operator : UA\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

ugo
 2/1/2018 2:35:48 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 01 14:09:10 2018
 Quant Method : P:\HPCHEM1\ECD_L\methods\PL012618.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 27 04:03:48 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.410	3.994	473.9E6	66897994	53.003	53.420
28)	SA Decachlor...	8.115	9.029	363.5E6	77093807	31.240	40.532 #
Target Compounds							
2)	A alpha-BHC	3.847	4.374	756.5E6	126.9E6	53.765	54.785
3)	MA gamma-BHC...	4.127	4.654	684.4E6	117.2E6	53.004	54.566
4)	MA Heptachlor	4.416	5.169	656.8E6	104.5E6	49.621	50.049
5)	MB Aldrin	4.659	5.473	660.7E6	110.0E6	51.409	52.552
6)	B beta-BHC	4.379	4.815	300.6E6	50327395	52.639	52.732
7)	B delta-BHC	4.577	5.030	719.0E6	121.0E6	53.866	54.441
8)	B Heptachlo...	5.100	5.851	634.9E6	103.8E6	53.646	58.056m
9)	A Endosulfan I	5.434	6.204	616.9E6	93522966	54.047	51.830m
10)	B gamma-Chl...	5.322	6.086	663.4E6	101.1E6	51.399	51.840
11)	B alpha-Chl...	5.381	6.160	637.2E6	97819238	51.214	51.610
12)	B 4,4'-DDE	5.546	6.316	624.1E6	96731647	49.118m	50.722
13)	MA Dieldrin	5.674	6.459	634.7E6	97954927	49.578	51.257
14)	MA Endrin	5.930	6.673	514.8E6	79278666	44.080	47.011m
15)	B Endosulfa...	6.204	6.876	467.2E6	89042841	39.818	50.572 #
16)	A 4,4'-DDD	6.060	6.795	486.4E6	73452461	46.234	51.501m
17)	MA 4,4'-DDT	6.297	7.097	362.3E6	56391599	34.276	42.291
18)	B Endrin al...	6.372	6.998	368.9E6	71681917	37.353	48.408 #
19)	B Endosulfa...	6.583	7.222	408.2E6	76697657	36.853	47.556 #
20)	A Methoxychlor	6.846	7.552	185.5E6	32407808	31.932	39.759
21)	B Endrin ke...	7.071	7.685	458.4E6	83320868	36.595	46.137 #

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

Data Path : P:\HPCHEM1\ECD_L\Data\PL013118\
Data File : PL032825.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 01 Feb 2018 11:07
Operator : UA\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

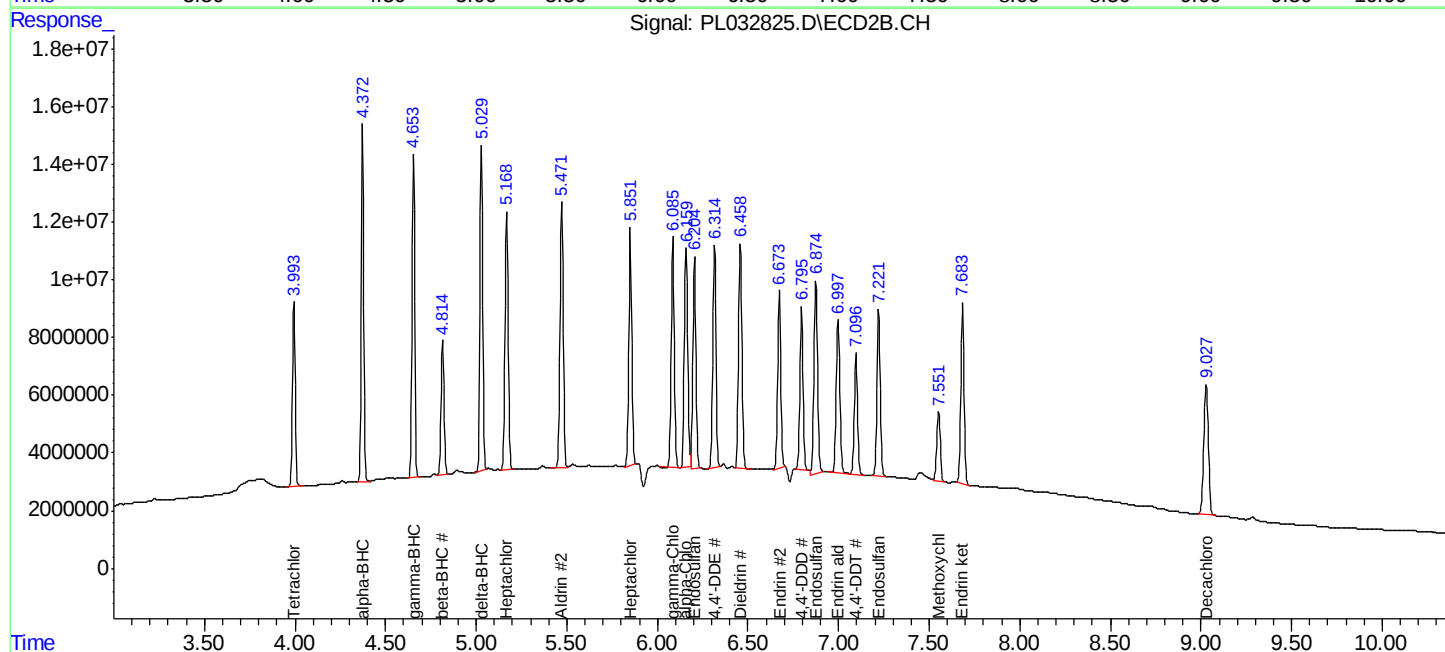
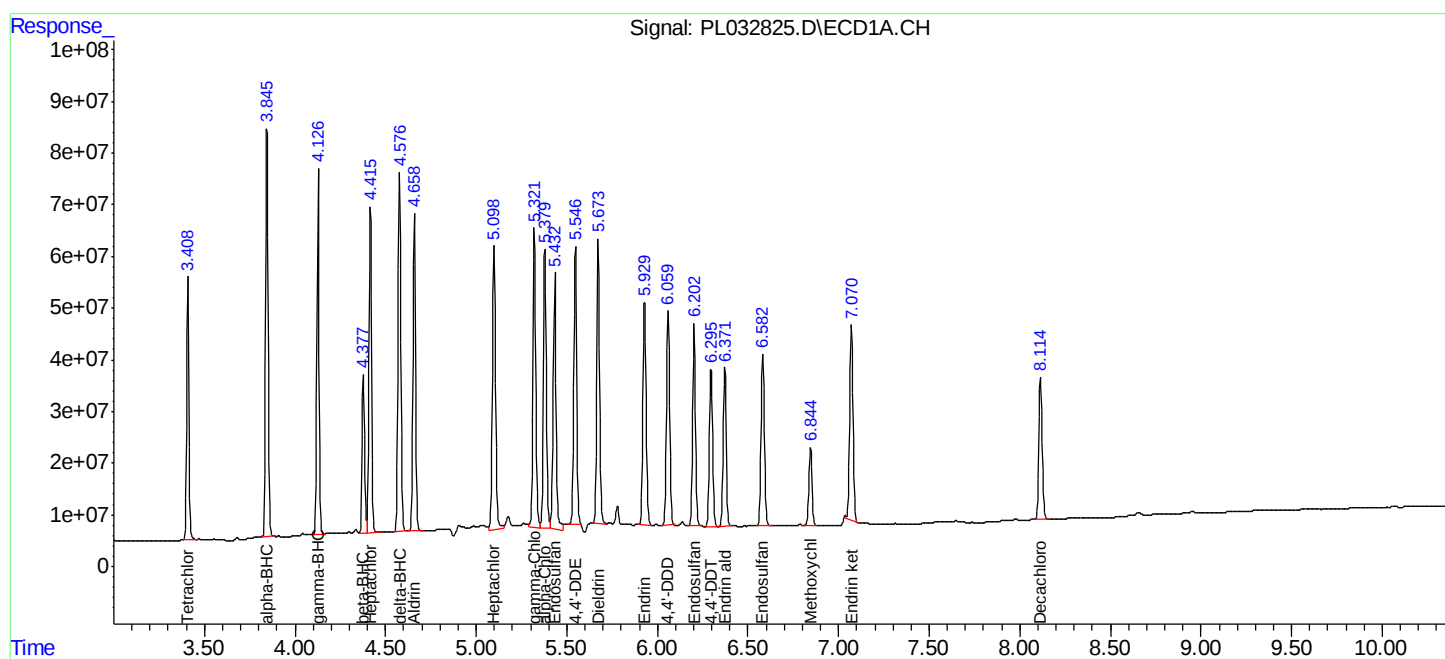
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

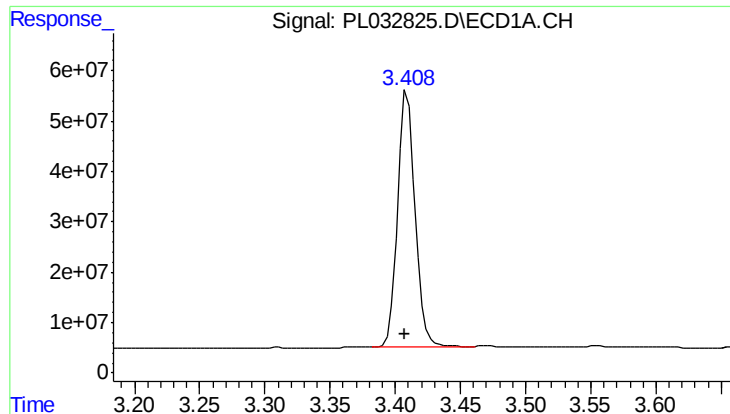
Manual Integrations
APPROVED

ugo
2/1/2018 2:35:48 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 01 14:09:10 2018
Quant Method : P:\HPCHEM1\ECD_L\methods\PL012618.M
Quant Title : GC Extractables
QLast Update : Sat Jan 27 04:03:48 2018
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





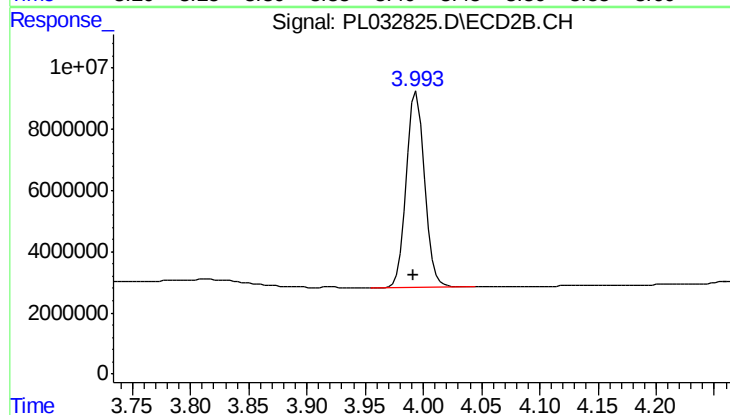
#1 Tetrachloro-m-xylene

R.T.: 3.410 min
Delta R.T.: 0.002 min
Response: 473852822
Conc: 53.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

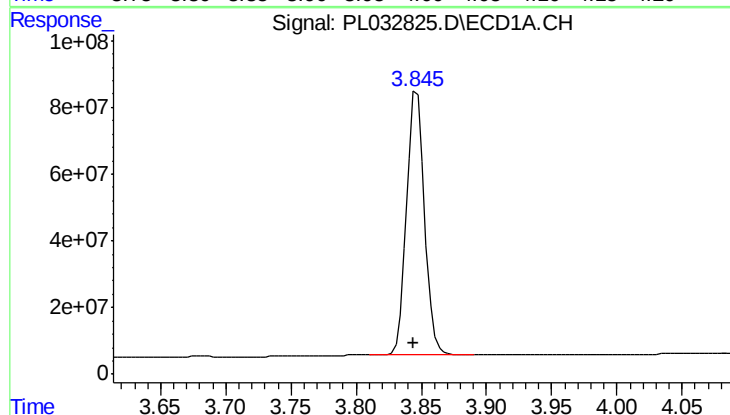
Manual Integrations
APPROVED

ugo
2/1/2018 2:35:48 PM



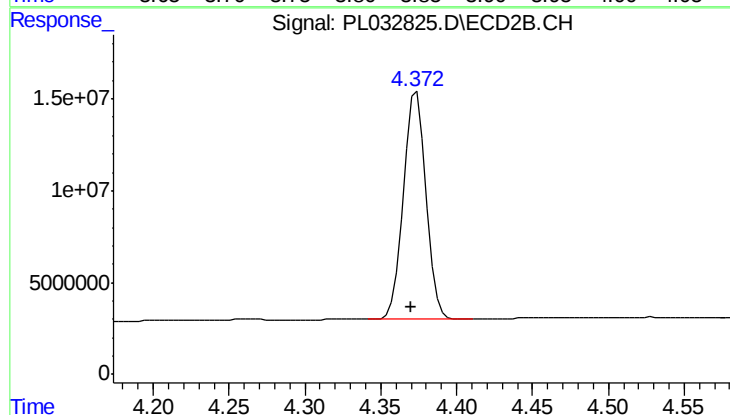
#1 Tetrachloro-m-xylene

R.T.: 3.994 min
Delta R.T.: 0.003 min
Response: 66897994
Conc: 53.42 ng/ml



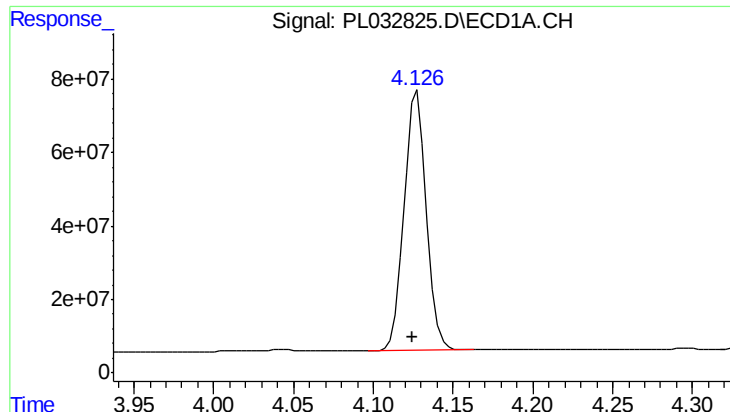
#2 alpha-BHC

R.T.: 3.847 min
Delta R.T.: 0.002 min
Response: 756494865
Conc: 53.76 ng/ml



#2 alpha-BHC

R.T.: 4.374 min
Delta R.T.: 0.004 min
Response: 126900579
Conc: 54.78 ng/ml



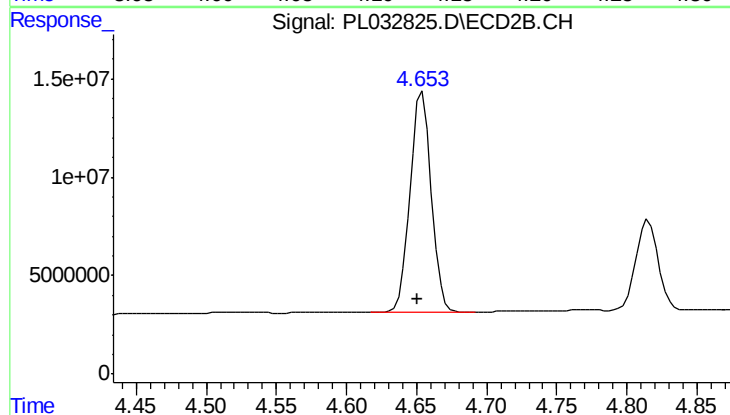
#3 gamma-BHC (Lindane)

R.T.: 4.127 min
Delta R.T.: 0.003 min
Response: 684375321
Conc: 53.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

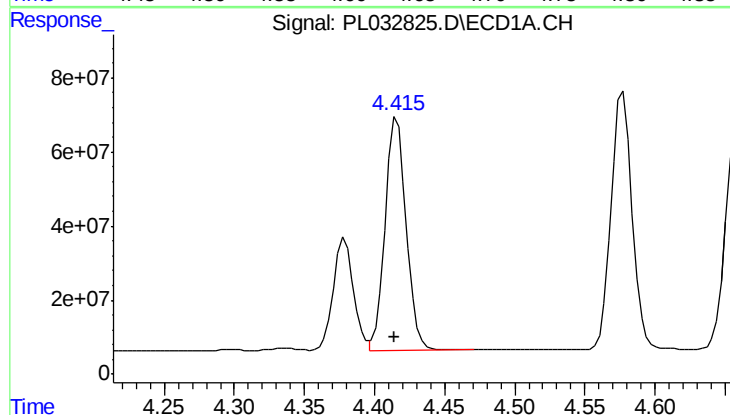
Manual Integrations
APPROVED

ugo
2/1/2018 2:35:48 PM



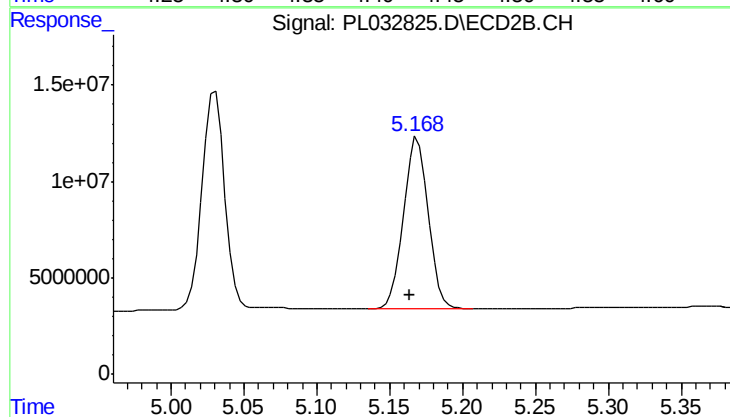
#3 gamma-BHC (Lindane)

R.T.: 4.654 min
Delta R.T.: 0.004 min
Response: 117214342
Conc: 54.57 ng/ml



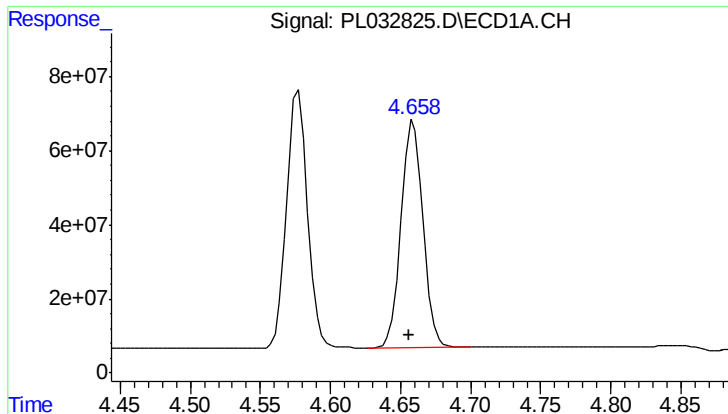
#4 Heptachlor

R.T.: 4.416 min
Delta R.T.: 0.002 min
Response: 656847387
Conc: 49.62 ng/ml



#4 Heptachlor

R.T.: 5.169 min
Delta R.T.: 0.006 min
Response: 104489051
Conc: 50.05 ng/ml



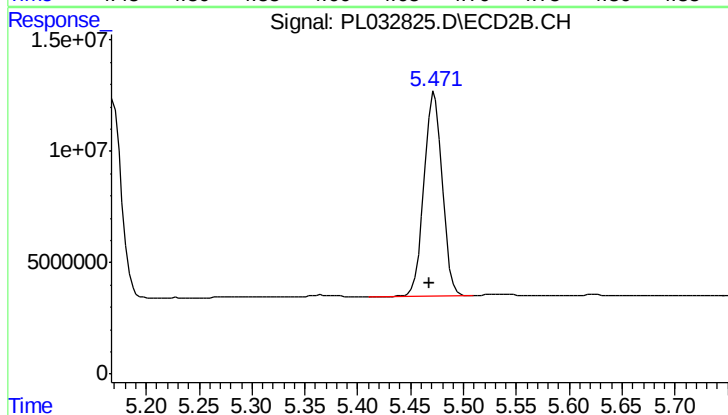
#5 Aldrin

R.T.: 4.659 min
Delta R.T.: 0.004 min
Response: 660725716
Conc: 51.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

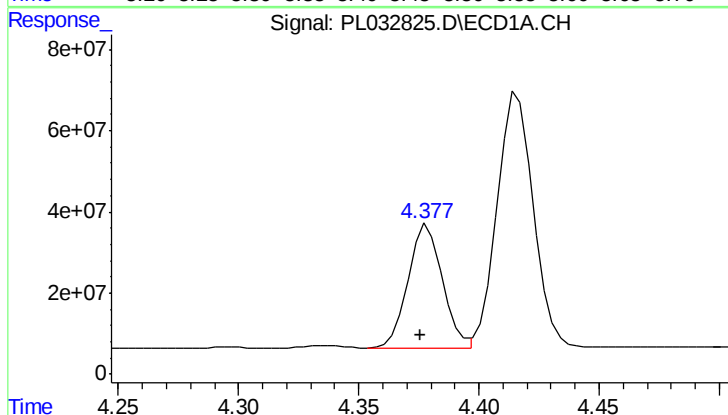
Manual Integrations
APPROVED

ugo
2/1/2018 2:35:48 PM



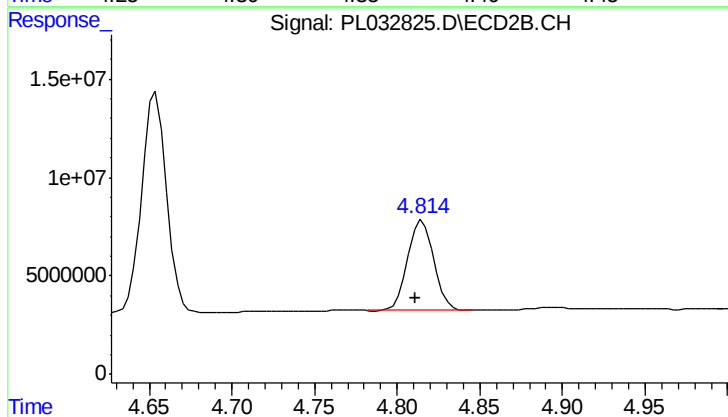
#5 Aldrin

R.T.: 5.473 min
Delta R.T.: 0.005 min
Response: 110048452
Conc: 52.55 ng/ml



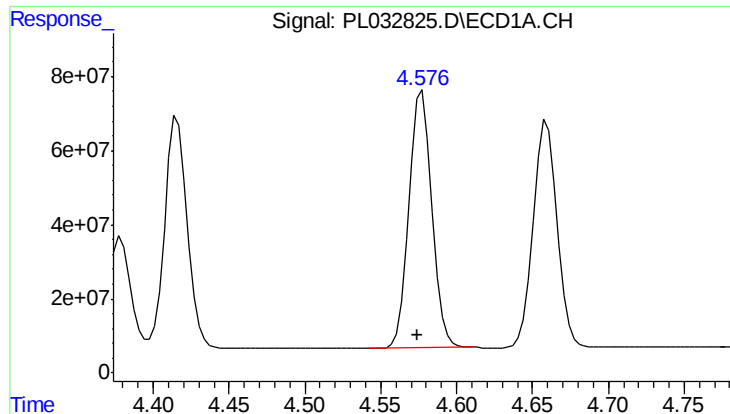
#6 beta-BHC

R.T.: 4.379 min
Delta R.T.: 0.003 min
Response: 300633824
Conc: 52.64 ng/ml



#6 beta-BHC

R.T.: 4.815 min
Delta R.T.: 0.004 min
Response: 50327395
Conc: 52.73 ng/ml



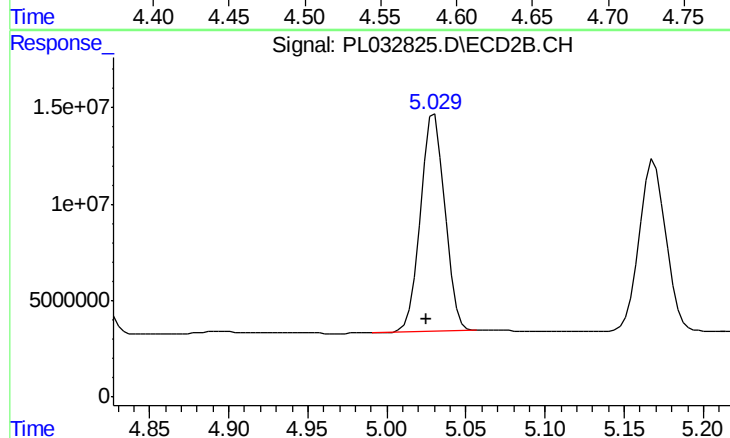
#7 delta-BHC

R.T.: 4.577 min
Delta R.T.: 0.003 min
Response: 719008470
Conc: 53.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

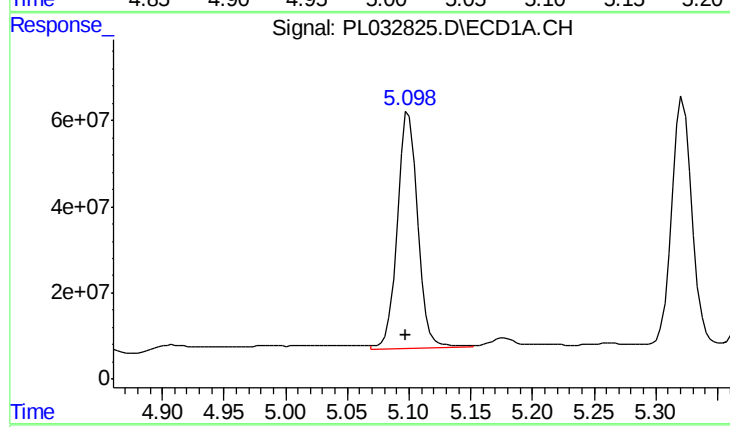
Manual Integrations
APPROVED

ugo
2/1/2018 2:35:48 PM



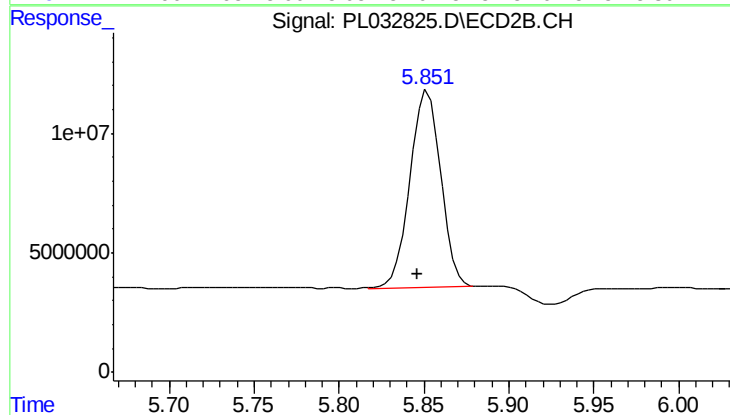
#7 delta-BHC

R.T.: 5.030 min
Delta R.T.: 0.005 min
Response: 121042494
Conc: 54.44 ng/ml



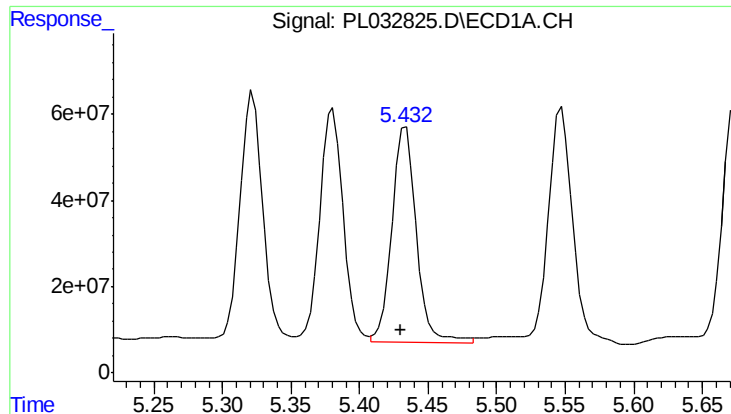
#8 Heptachlor epoxide

R.T.: 5.100 min
Delta R.T.: 0.003 min
Response: 634940665
Conc: 53.65 ng/ml



#8 Heptachlor epoxide

R.T.: 5.851 min
Delta R.T.: 0.005 min
Response: 103797711
Conc: 58.06 ng/ml m



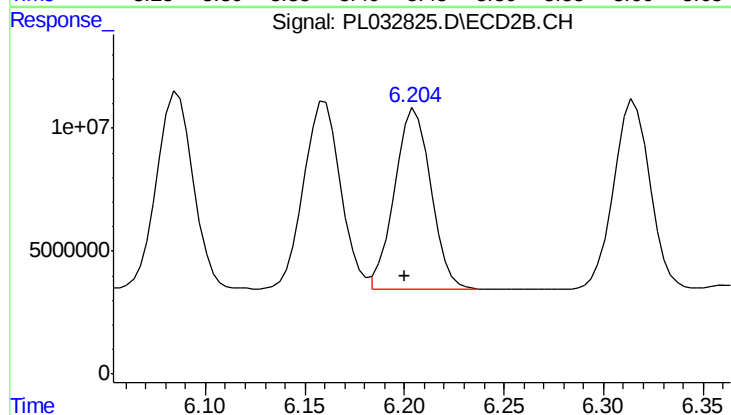
#9 Endosulfan I

R.T.: 5.434 min
Delta R.T.: 0.003 min
Response: 616913419
Conc: 54.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

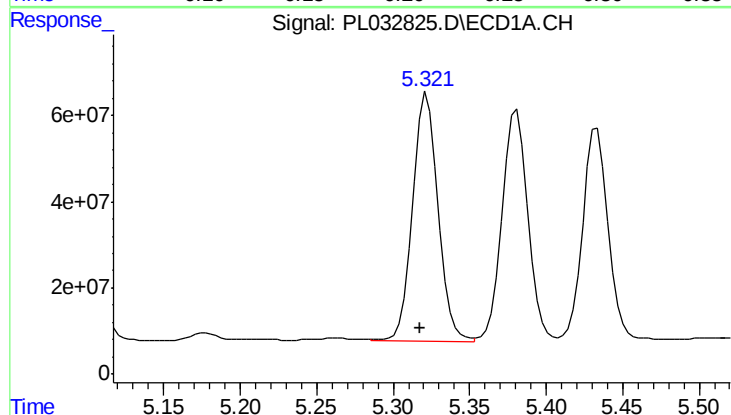
Manual Integrations
APPROVED

ugo
2/1/2018 2:35:48 PM



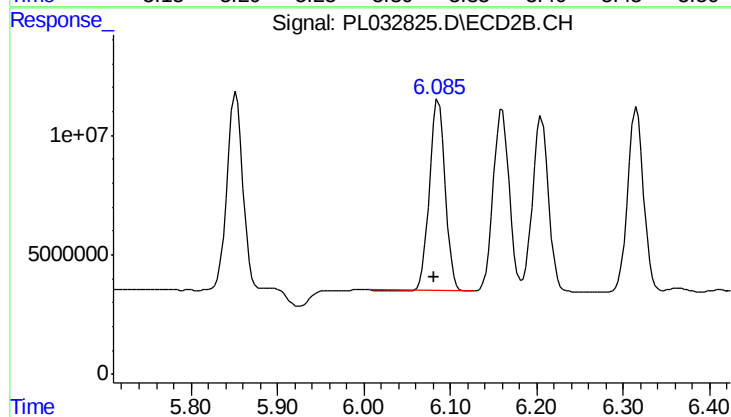
#9 Endosulfan I

R.T.: 6.204 min
Delta R.T.: 0.004 min
Response: 93522966
Conc: 51.83 ng/ml m



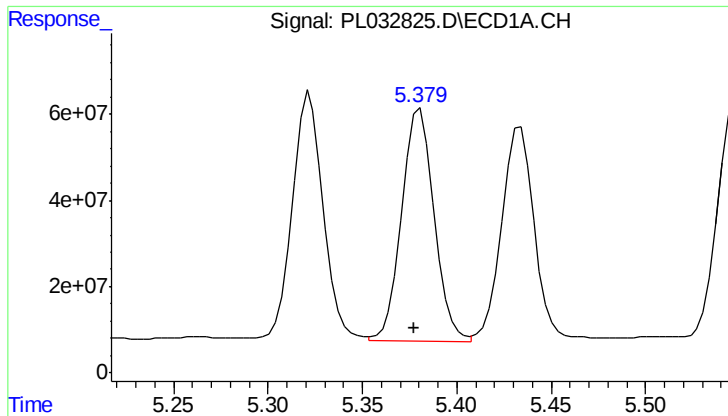
#10 gamma-Chlordane

R.T.: 5.322 min
Delta R.T.: 0.004 min
Response: 663381778
Conc: 51.40 ng/ml



#10 gamma-Chlordane

R.T.: 6.086 min
Delta R.T.: 0.006 min
Response: 101078371
Conc: 51.84 ng/ml



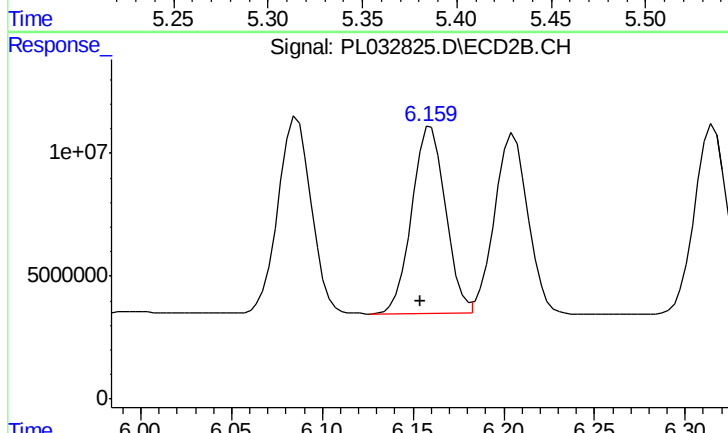
#11 alpha-Chlordane

R.T.: 5.381 min
Delta R.T.: 0.003 min
Response: 637180188
Conc: 51.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

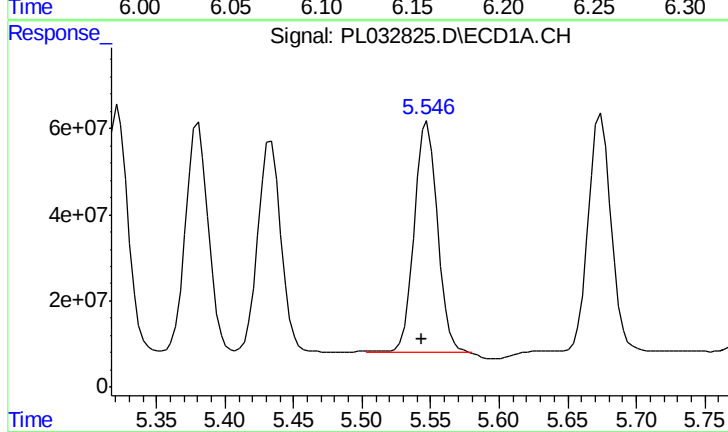
Manual Integrations
APPROVED

ugo
2/1/2018 2:35:48 PM



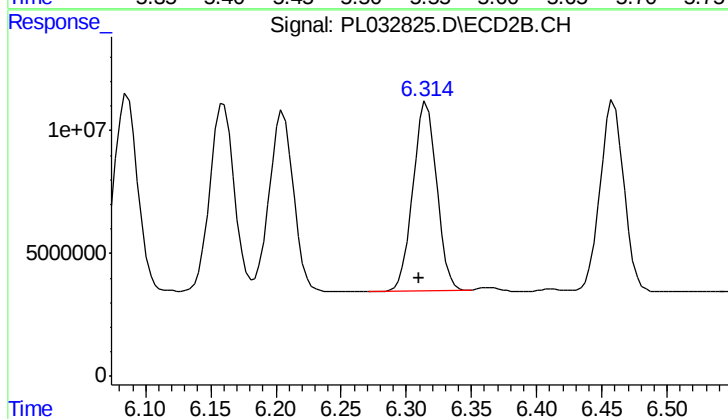
#11 alpha-Chlordane

R.T.: 6.160 min
Delta R.T.: 0.006 min
Response: 97819238
Conc: 51.61 ng/ml



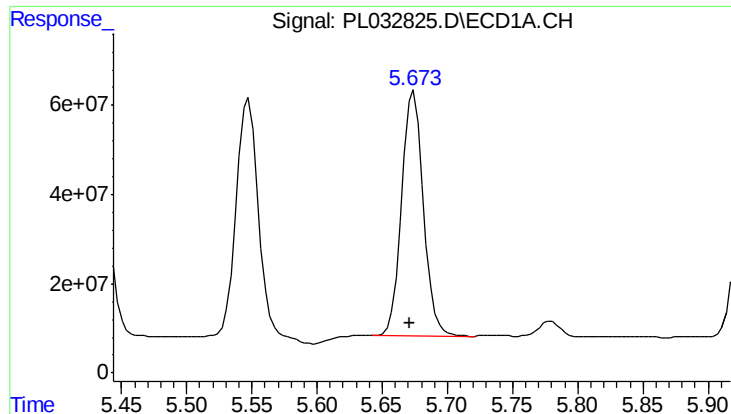
#12 4,4'-DDE

R.T.: 5.546 min
Delta R.T.: 0.002 min
Response: 624070956
Conc: 49.12 ng/ml m



#12 4,4'-DDE

R.T.: 6.316 min
Delta R.T.: 0.006 min
Response: 96731647
Conc: 50.72 ng/ml



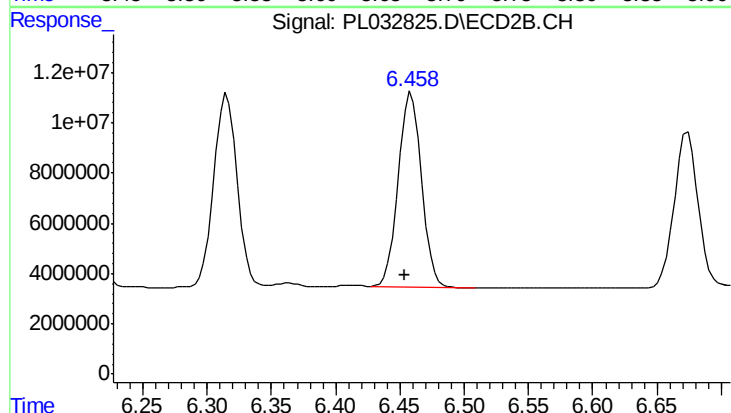
#13 Dielddrin

R.T.: 5.674 min
Delta R.T.: 0.003 min
Response: 634705140
Conc: 49.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

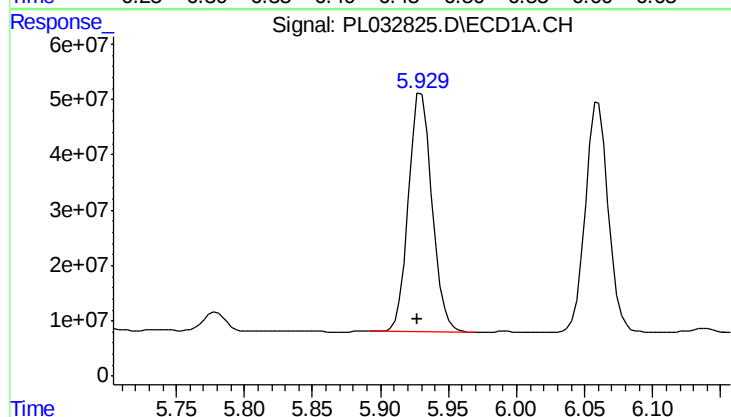
Manual Integrations
APPROVED

ugo
2/1/2018 2:35:48 PM



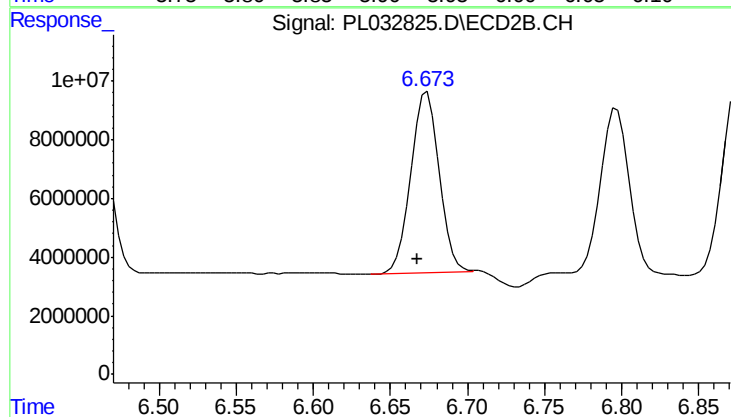
#13 Dielddrin

R.T.: 6.459 min
Delta R.T.: 0.006 min
Response: 97954927
Conc: 51.26 ng/ml



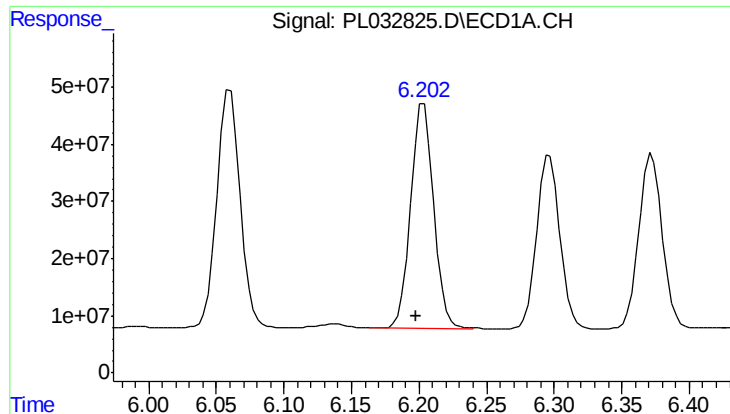
#14 Endrin

R.T.: 5.930 min
Delta R.T.: 0.003 min
Response: 514774515
Conc: 44.08 ng/ml



#14 Endrin

R.T.: 6.673 min
Delta R.T.: 0.005 min
Response: 79278666
Conc: 47.01 ng/ml m



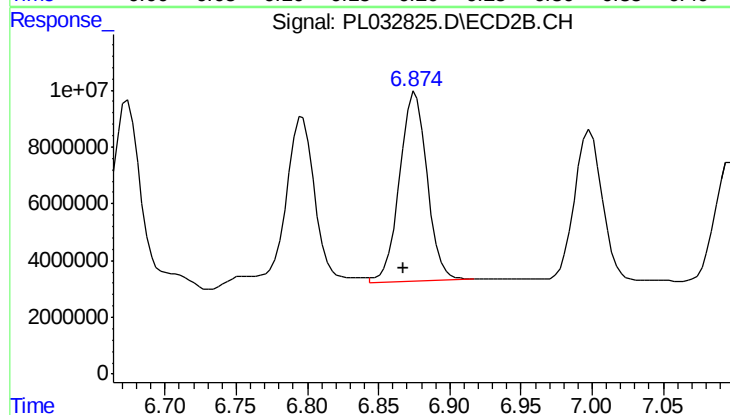
#15 Endosulfan II

R.T.: 6.204 min
Delta R.T.: 0.005 min
Response: 467180922
Conc: 39.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

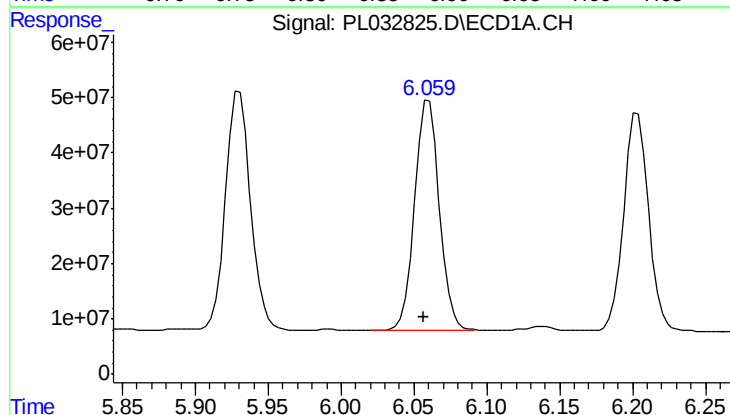
Manual Integrations
APPROVED

ugo
2/1/2018 2:35:48 PM



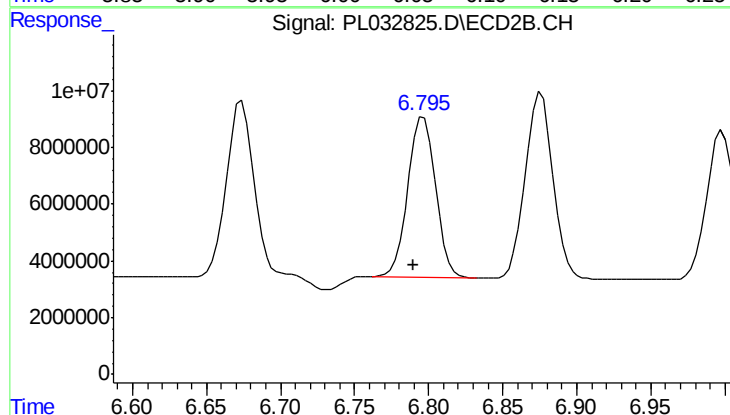
#15 Endosulfan II

R.T.: 6.876 min
Delta R.T.: 0.008 min
Response: 89042841
Conc: 50.57 ng/ml



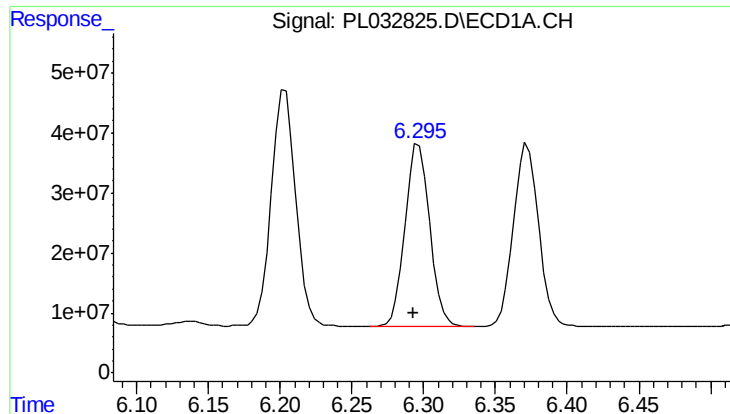
#16 4,4'-DDD

R.T.: 6.060 min
Delta R.T.: 0.003 min
Response: 486445254
Conc: 46.23 ng/ml



#16 4,4'-DDD

R.T.: 6.795 min
Delta R.T.: 0.005 min
Response: 73452461
Conc: 51.50 ng/ml m



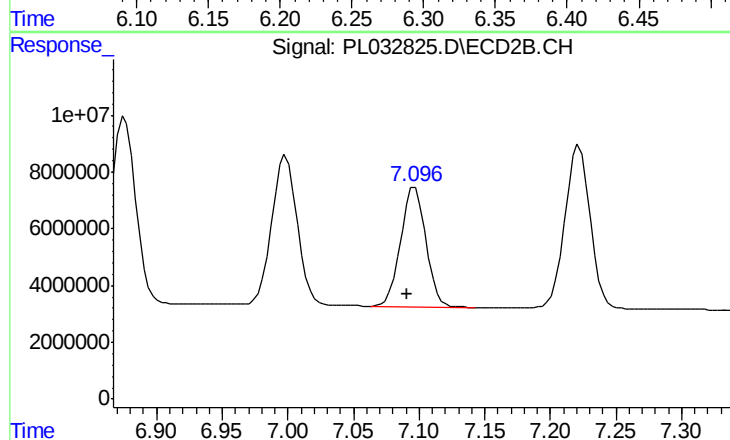
#17 4,4'-DDT

R.T.: 6.297 min
Delta R.T.: 0.004 min
Response: 362332958
Conc: 34.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

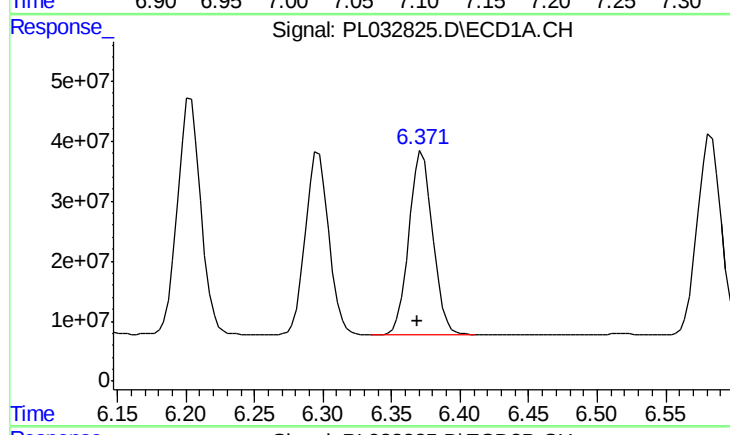
Manual Integrations
APPROVED

ugo
2/1/2018 2:35:48 PM



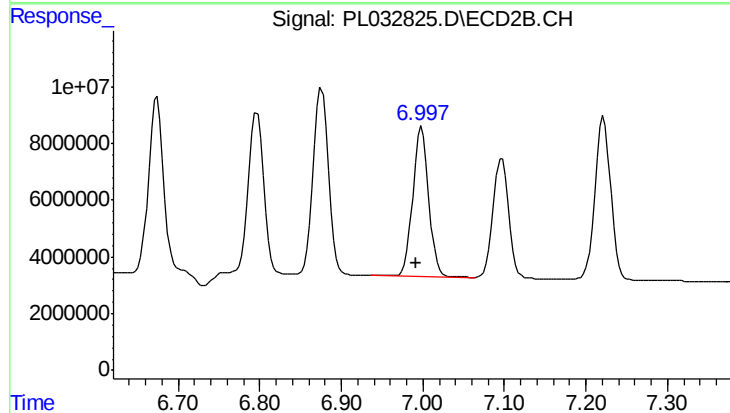
#17 4,4'-DDT

R.T.: 7.097 min
Delta R.T.: 0.006 min
Response: 56391599
Conc: 42.29 ng/ml



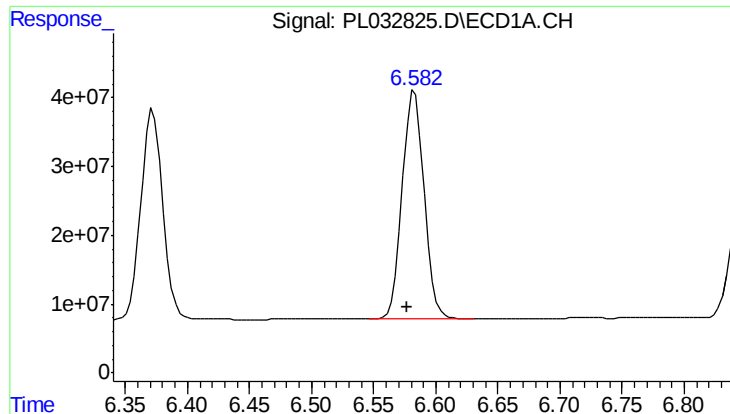
#18 Endrin aldehyde

R.T.: 6.372 min
Delta R.T.: 0.004 min
Response: 368921083
Conc: 37.35 ng/ml



#18 Endrin aldehyde

R.T.: 6.998 min
Delta R.T.: 0.007 min
Response: 71681917
Conc: 48.41 ng/ml



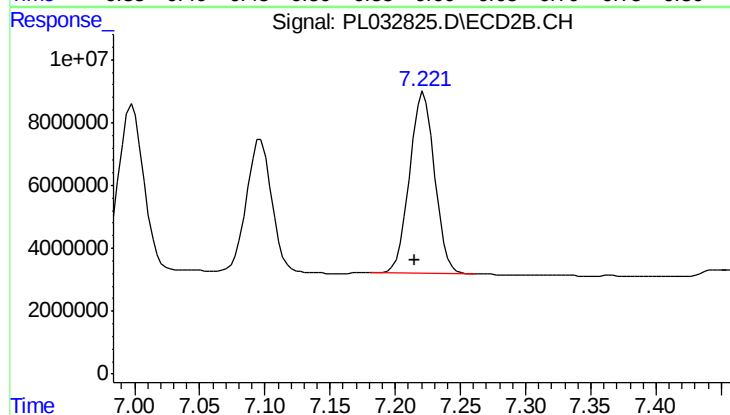
#19 Endosulfan Sulfate

R.T.: 6.583 min
Delta R.T.: 0.006 min
Response: 408229441
Conc: 36.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

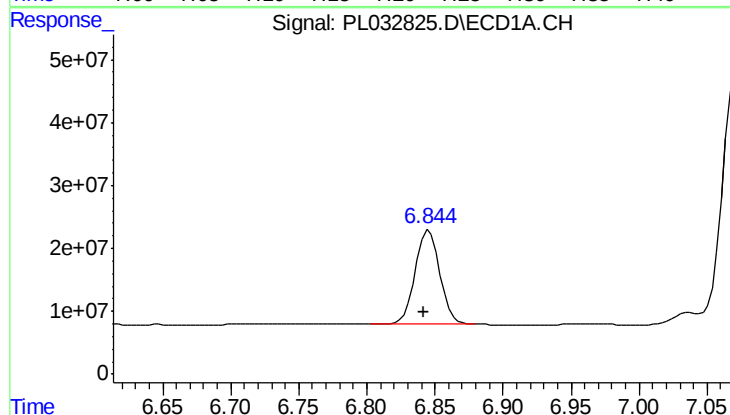
Manual Integrations
APPROVED

ugo
2/1/2018 2:35:48 PM



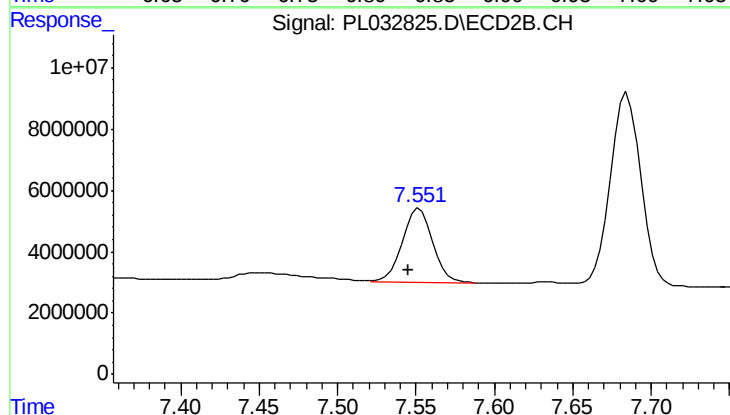
#19 Endosulfan Sulfate

R.T.: 7.222 min
Delta R.T.: 0.007 min
Response: 76697657
Conc: 47.56 ng/ml



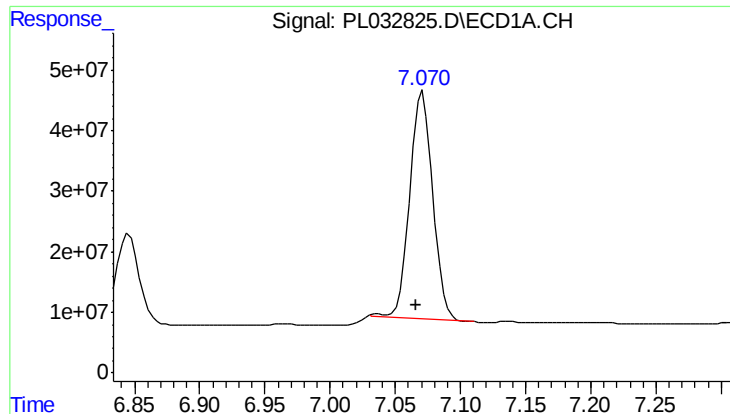
#20 Methoxychlor

R.T.: 6.846 min
Delta R.T.: 0.004 min
Response: 185533492
Conc: 31.93 ng/ml



#20 Methoxychlor

R.T.: 7.552 min
Delta R.T.: 0.007 min
Response: 32407808
Conc: 39.76 ng/ml



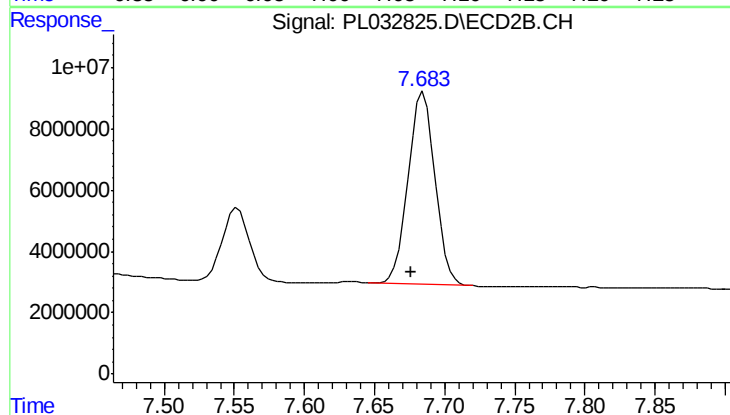
#21 Endrin ketone

R.T.: 7.071 min
Delta R.T.: 0.005 min
Response: 458364023
Conc: 36.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

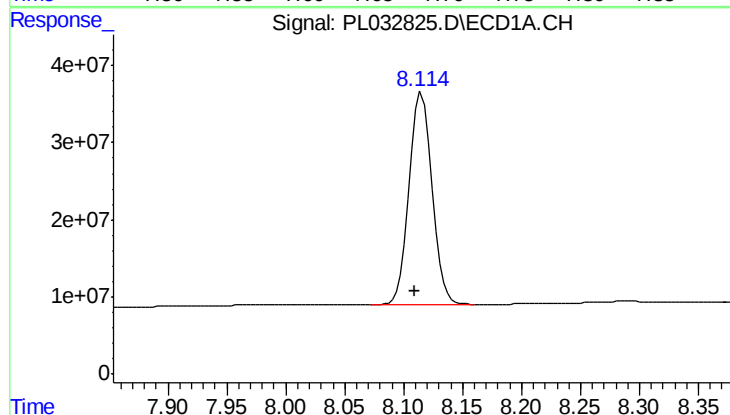
Manual Integrations
APPROVED

ugo
2/1/2018 2:35:48 PM



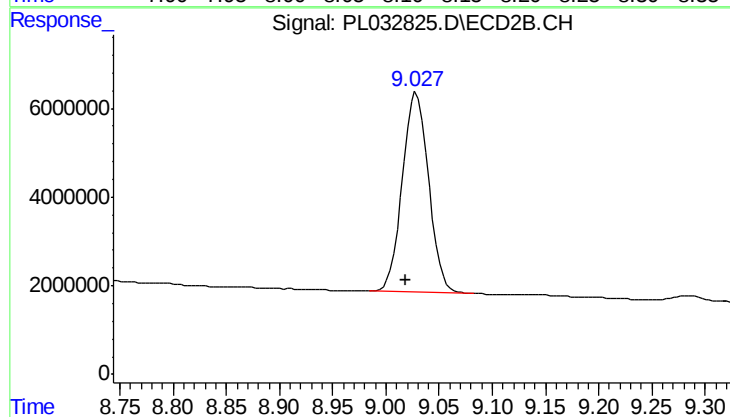
#21 Endrin ketone

R.T.: 7.685 min
Delta R.T.: 0.009 min
Response: 83320868
Conc: 46.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.115 min
Delta R.T.: 0.006 min
Response: 363499205
Conc: 31.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.029 min
Delta R.T.: 0.010 min
Response: 77093807
Conc: 40.53 ng/ml