

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020323\
 Data File : PL080757.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Feb 2023 22:42
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/06/2023
 Supervised By : Ankita Jodhani 02/06/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 04 00:19:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
 Quant Title : GC Extractables
 QLast Update : Sun Jan 22 23:56:48 2023
 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...	3.351	2.688	127.3E6	123.9E6	59.361	56.392
28)	SA Decachlor...	8.789	7.835	98323716	117.4E6	56.161	49.269
Target Compounds							
2)	A alpha-BHC	3.799	3.189	196.5E6	183.1E6	62.025	57.574
3)	MA gamma-BHC...	4.128	3.517	181.6E6	170.8E6	61.788	57.160
4)	MA Heptachlor	4.712	3.858	174.3E6	171.0E6	58.980	53.732
5)	MB Aldrin	5.050	4.137	159.7E6	160.8E6	58.386	54.515
6)	B beta-BHC	4.324	3.813	78357552	73546538	57.404	55.106
7)	B delta-BHC	4.567	4.043	176.8E6	166.4E6	61.065	57.679
8)	B Heptachlo...	5.475	4.639	147.2E6	148.3E6	56.897	53.304
9)	A Endosulfan I	5.856	5.008	134.6E6	134.7E6	57.011	51.779
10)	B gamma-Chl...	5.729	4.889	144.8E6	150.2E6	57.322	52.983m
11)	B alpha-Chl...	5.808	4.954	143.3E6	145.6E6	56.754	50.843
12)	B 4,4'-DDE	5.986	5.145	128.3E6	128.0E6	57.584	54.262m
13)	MA Dieldrin	6.130	5.274	137.9E6	140.4E6	57.599	51.899
14)	MA Endrin	6.356	5.548	118.9E6	120.2E6	54.969m	51.795
15)	B Endosulfa...	6.577	5.842	112.9E6	114.9E6	49.256	55.145
16)	A 4,4'-DDD	6.501	5.701	106.9E6	104.9E6	58.325	55.833
17)	MA 4,4'-DDT	6.814	5.952	110.4E6	110.0E6	53.152	52.343
18)	B Endrin al...	6.704	6.022	91380148	92715305	54.936m	50.772
19)	B Endosulfa...	6.940	6.245	117.1E6	121.6E6	56.565	52.304
20)	A Methoxychlor	7.292	6.530	58455285	60362980	52.983	49.744
21)	B Endrin ke...	7.420	6.750	124.3E6	136.0E6	56.323	53.274
22)	Mirex	7.892	6.933	90829942	112.0E6	52.815	49.209

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020323\
Data File : PL080757.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Feb 2023 22:42
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

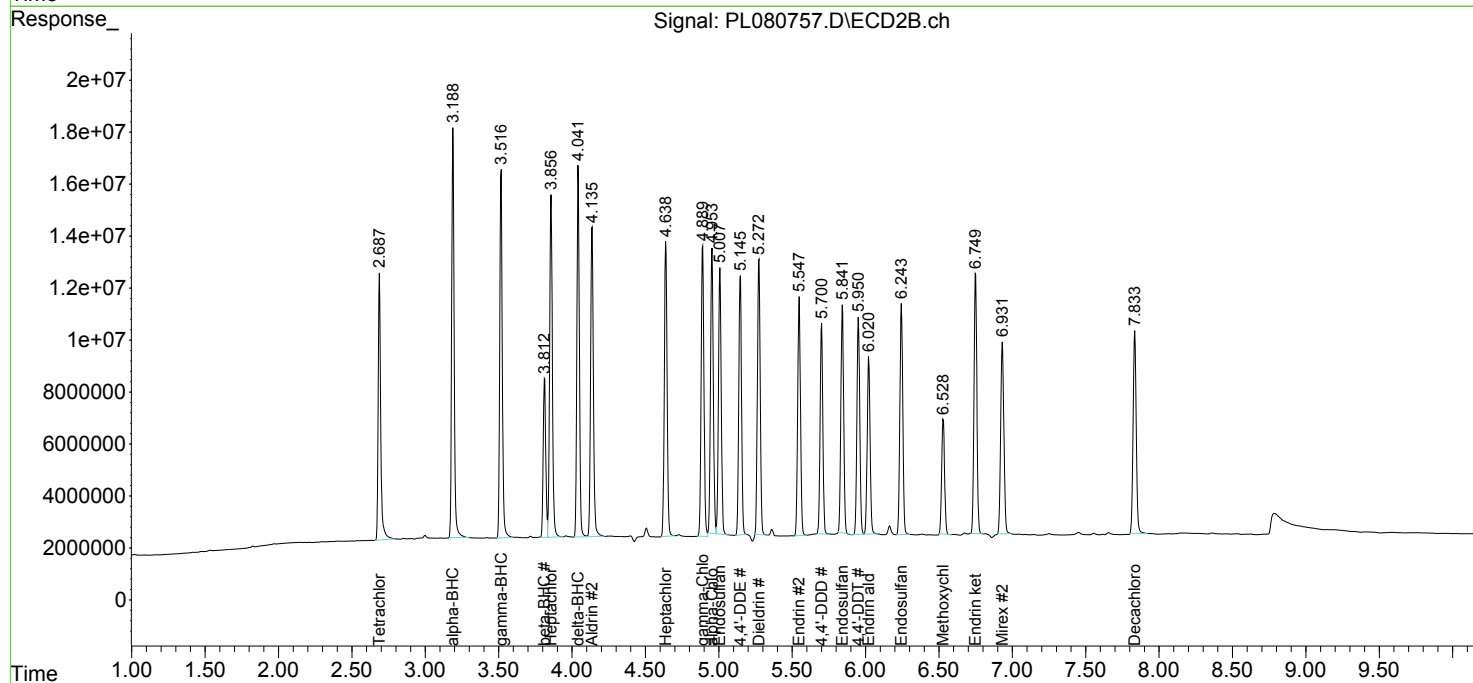
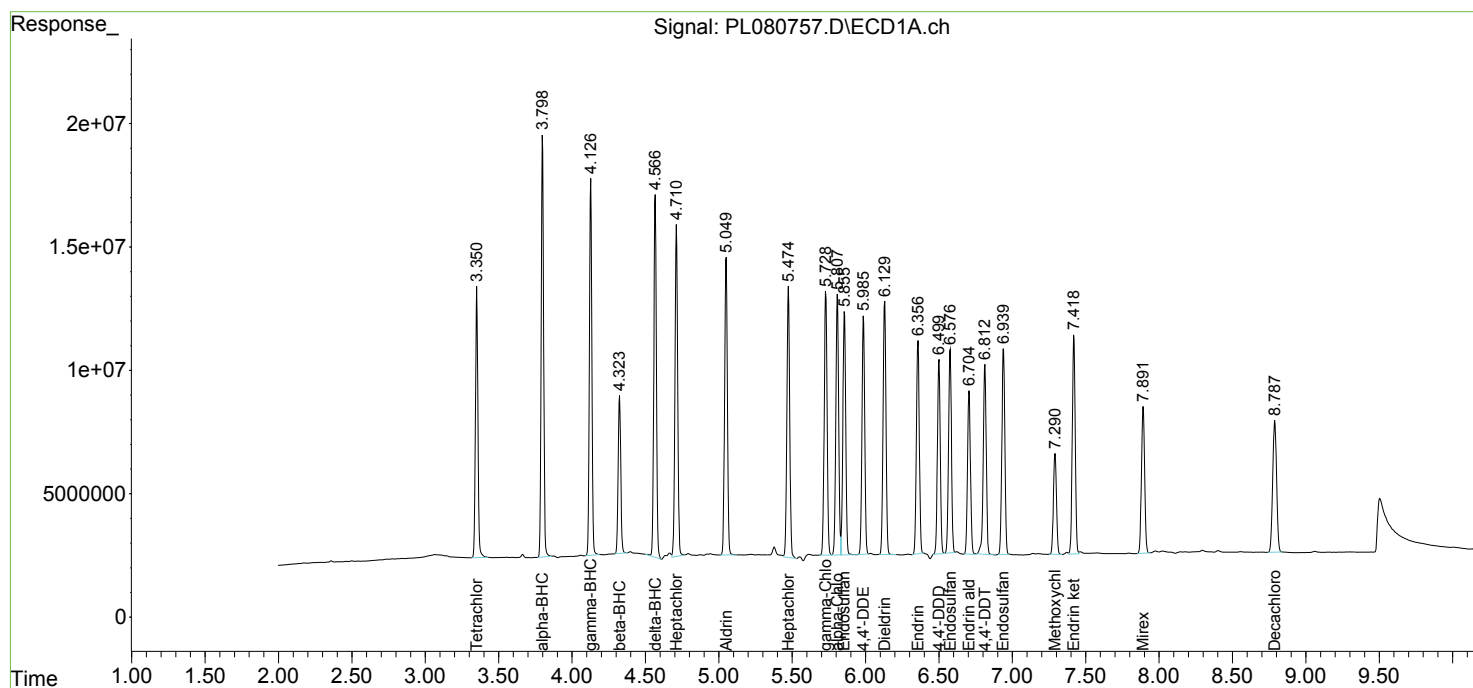
APPROVED

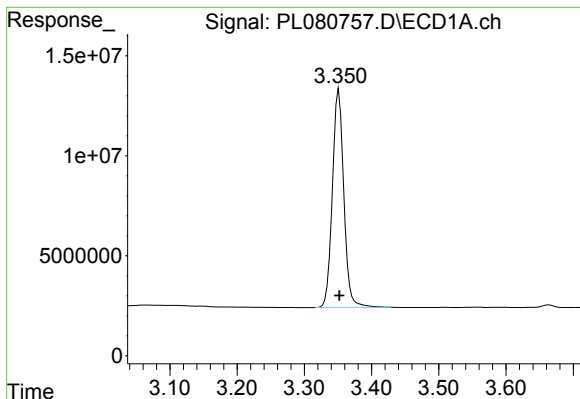
Reviewed By :Abdul Mirza 02/06/2023

Supervised By :Ankita Jodhani 02/06/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 00:19:47 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Sun Jan 22 23:56:48 2023
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





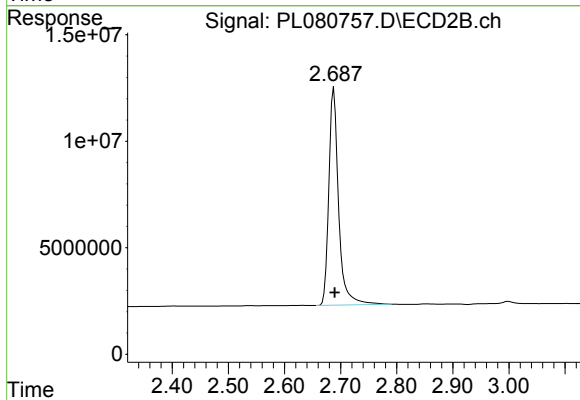
#1 Tetrachloro-m-xylene

R.T.: 3.351 min
Delta R.T.: 0.000 min
Response: 127319074
Conc: 59.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

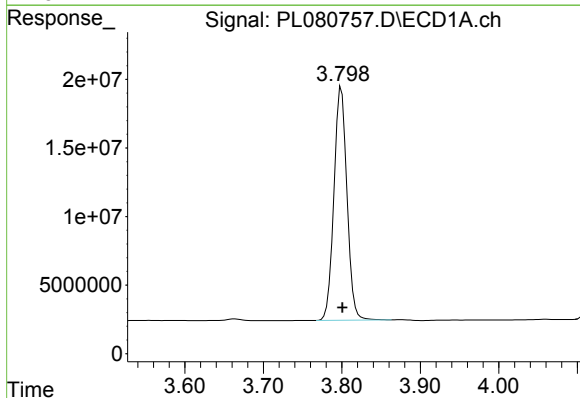
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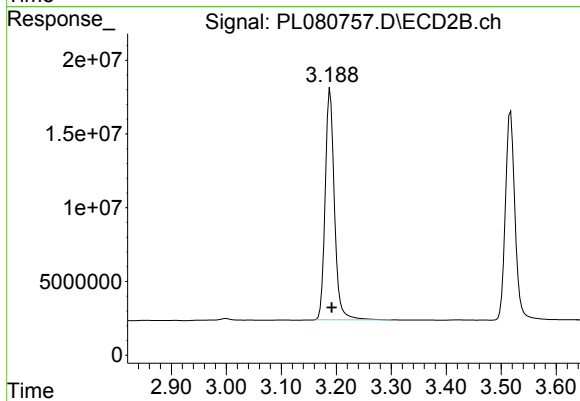
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: -0.002 min
Response: 123863170
Conc: 56.39 ng/ml



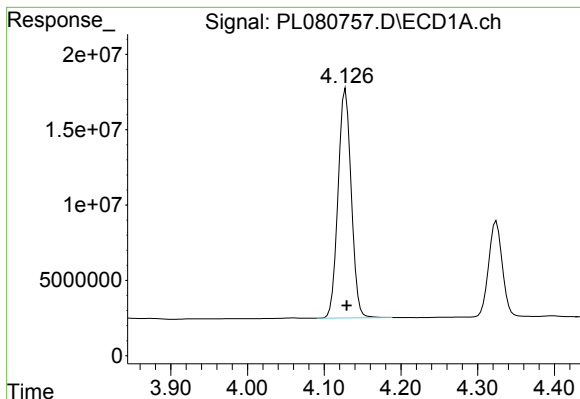
#2 alpha-BHC

R.T.: 3.799 min
Delta R.T.: -0.001 min
Response: 196496021
Conc: 62.02 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.003 min
Response: 183109662
Conc: 57.57 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.128 min
Delta R.T.: -0.002 min
Response: 181643299
Conc: 61.79 ng/ml

Instrument :

ECD_L

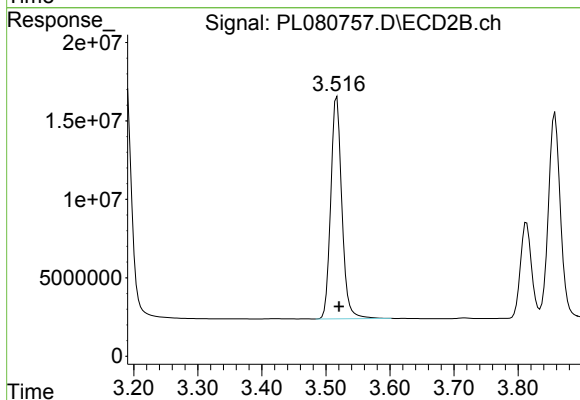
ClientSampleId :

PSTDCCC050

Manual Integrations

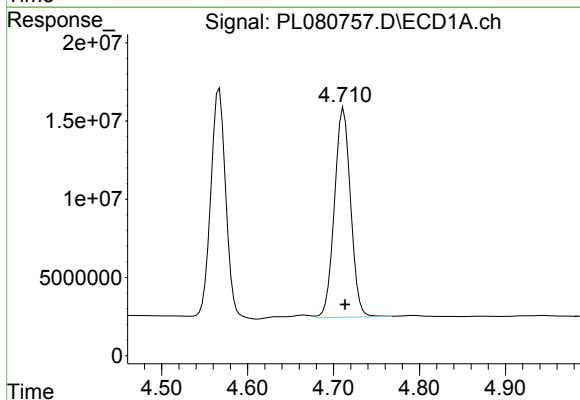
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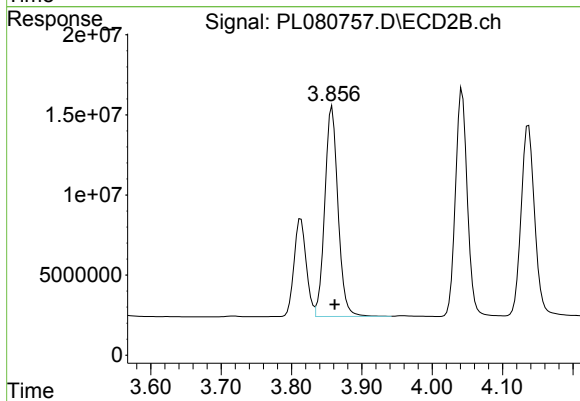
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.003 min
Response: 170753187
Conc: 57.16 ng/ml



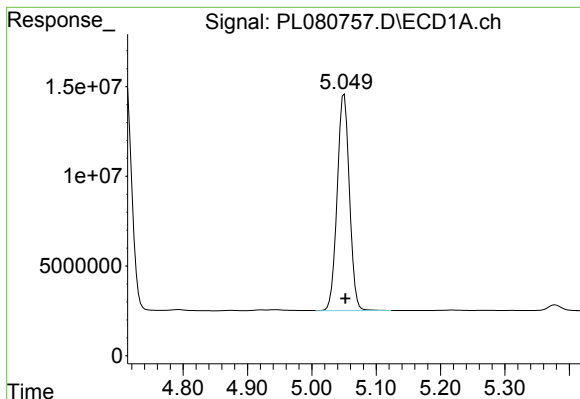
#4 Heptachlor

R.T.: 4.712 min
Delta R.T.: -0.002 min
Response: 174300045
Conc: 58.98 ng/ml



#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.004 min
Response: 170993987
Conc: 53.73 ng/ml



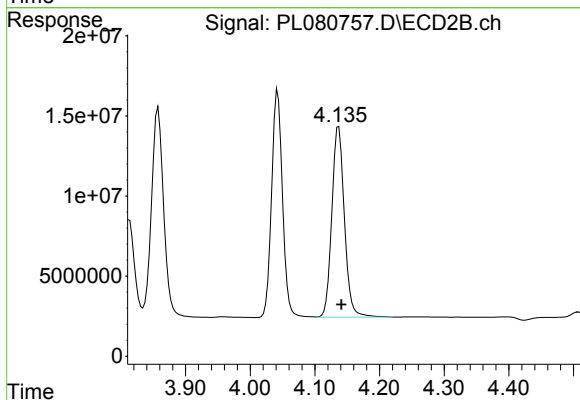
#5 Aldrin

R.T.: 5.050 min
Delta R.T.: -0.002 min
Response: 159732342
Conc: 58.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

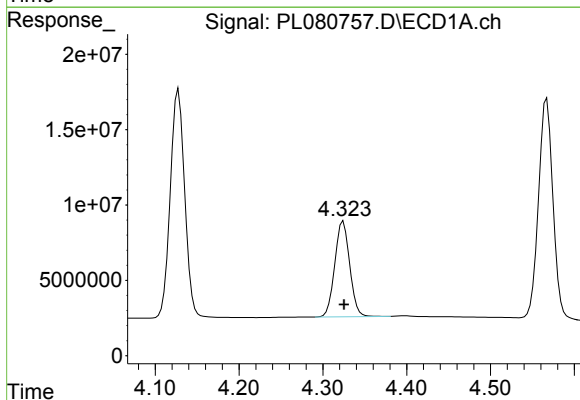
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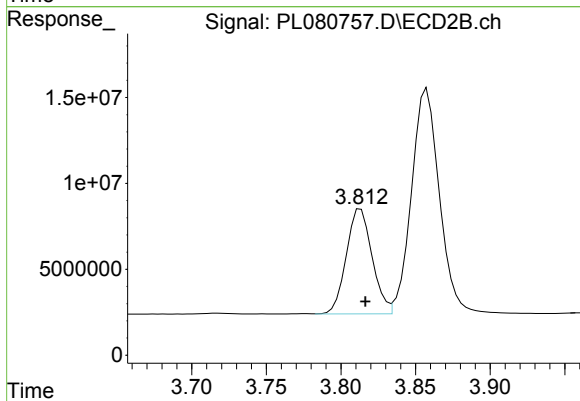
#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.004 min
Response: 160796364
Conc: 54.52 ng/ml



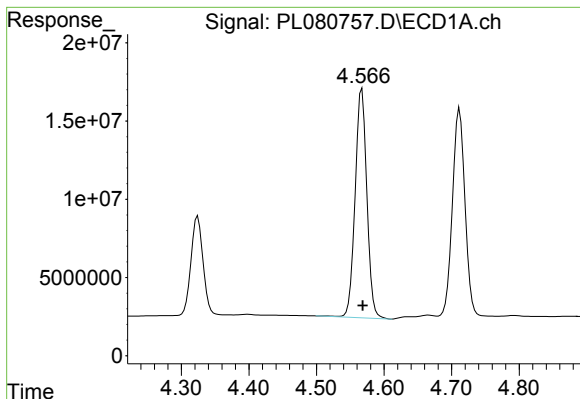
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 78357552
Conc: 57.40 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.003 min
Response: 73546538
Conc: 55.11 ng/ml



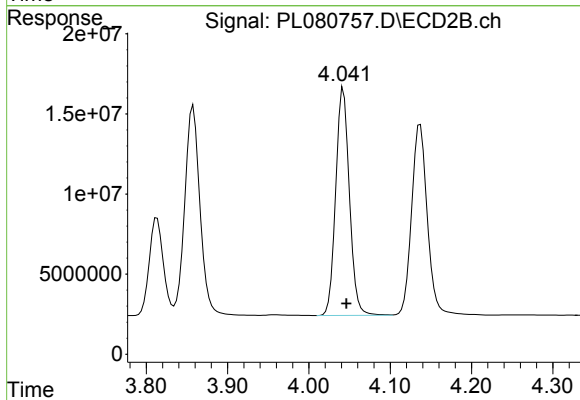
#7 delta-BHC

R.T.: 4.567 min
Delta R.T.: -0.001 min
Response: 176784212
Conc: 61.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

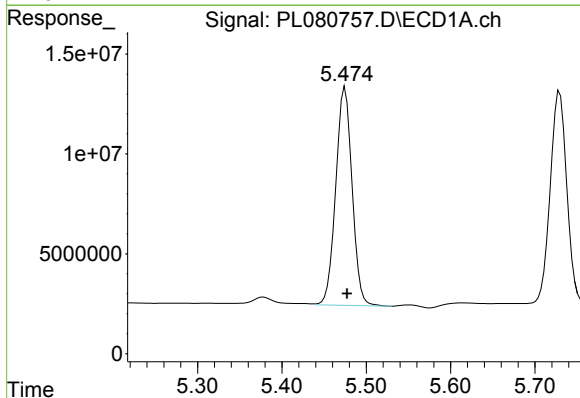
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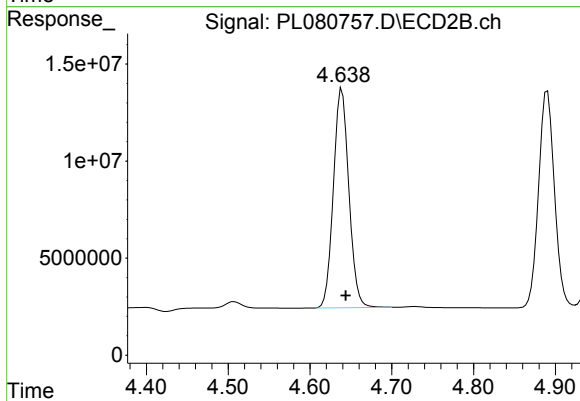
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.004 min
Response: 166370736
Conc: 57.68 ng/ml



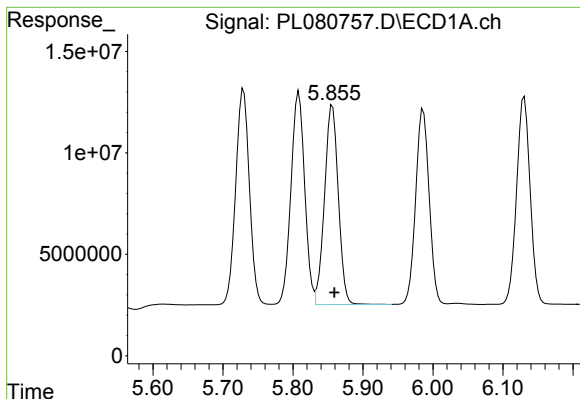
#8 Heptachlor epoxide

R.T.: 5.475 min
Delta R.T.: -0.002 min
Response: 147197060
Conc: 56.90 ng/ml



#8 Heptachlor epoxide

R.T.: 4.639 min
Delta R.T.: -0.005 min
Response: 148309623
Conc: 53.30 ng/ml



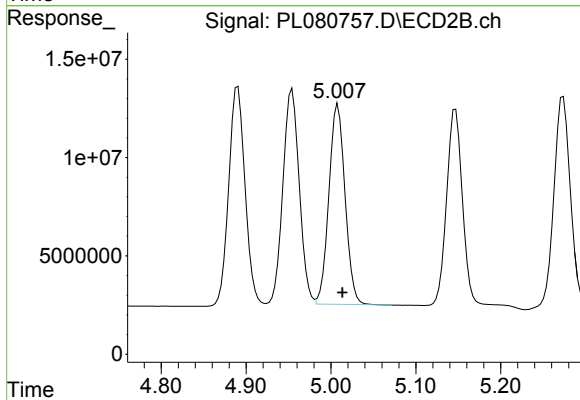
#9 Endosulfan I

R.T.: 5.856 min
Delta R.T.: -0.003 min
Response: 134628849
Conc: 57.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

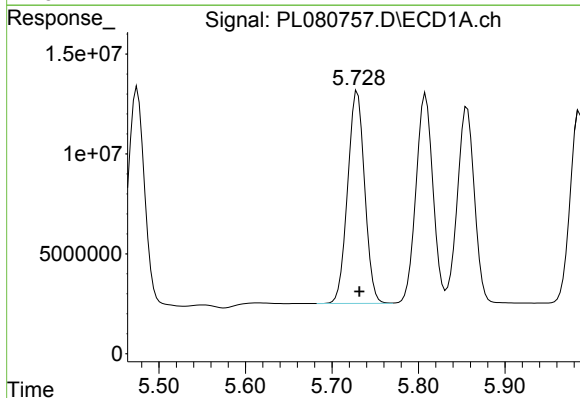
Manual Integrations
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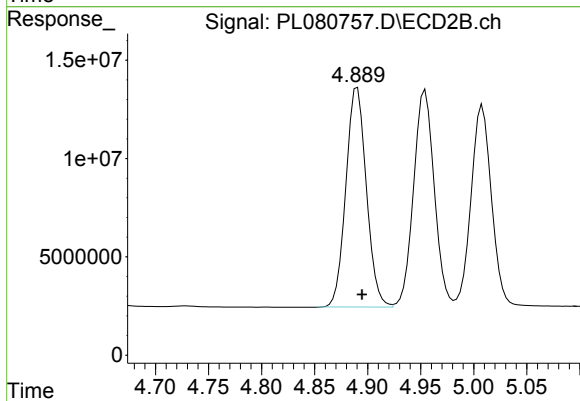
#9 Endosulfan I

R.T.: 5.008 min
Delta R.T.: -0.005 min
Response: 134693870
Conc: 51.78 ng/ml



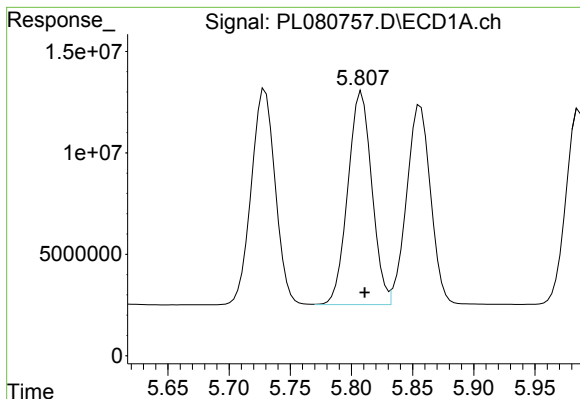
#10 gamma-Chlordane

R.T.: 5.729 min
Delta R.T.: -0.002 min
Response: 144779998
Conc: 57.32 ng/ml



#10 gamma-Chlordane

R.T.: 4.889 min
Delta R.T.: -0.006 min
Response: 150167276
Conc: 52.98 ng/ml m



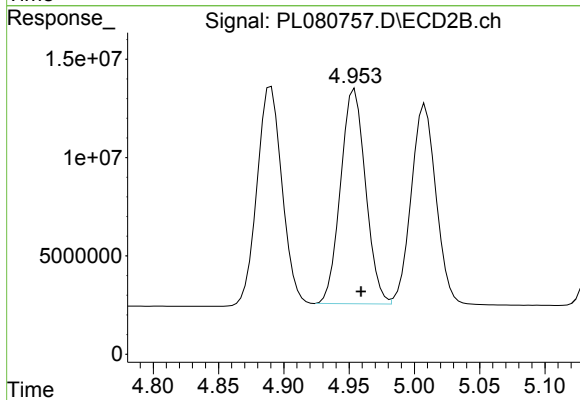
#11 alpha-Chlordane

R.T.: 5.808 min
Delta R.T.: -0.003 min
Response: 143261763
Conc: 56.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

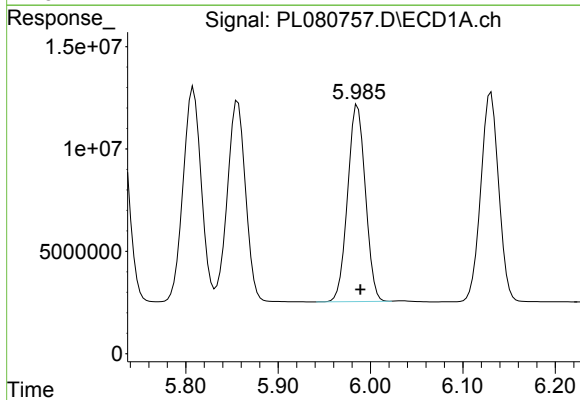
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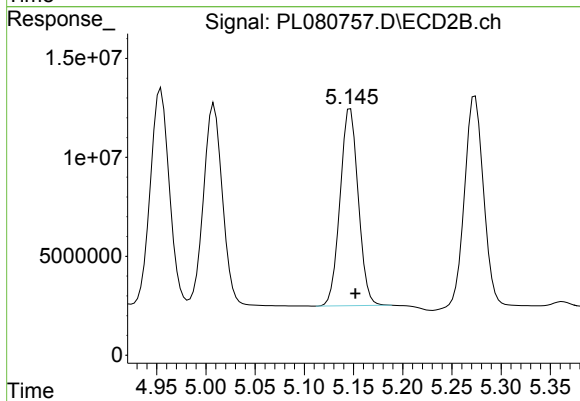
#11 alpha-Chlordane

R.T.: 4.954 min
Delta R.T.: -0.005 min
Response: 145647604
Conc: 50.84 ng/ml



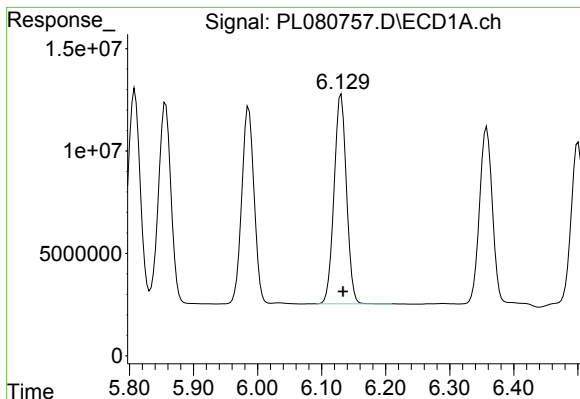
#12 4,4'-DDE

R.T.: 5.986 min
Delta R.T.: -0.003 min
Response: 128259319
Conc: 57.58 ng/ml



#12 4,4'-DDE

R.T.: 5.145 min
Delta R.T.: -0.006 min
Response: 127995259
Conc: 54.26 ng/ml m



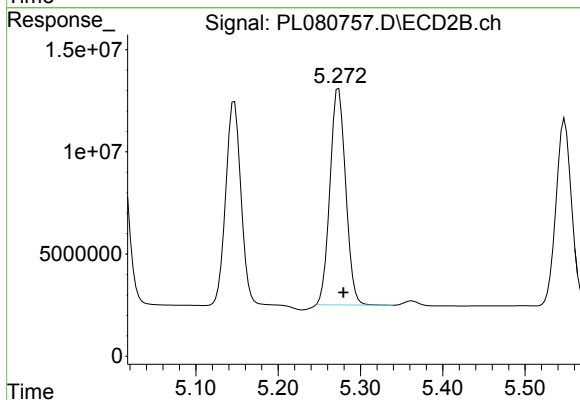
#13 Dieldrin

R.T.: 6.130 min
Delta R.T.: -0.003 min
Response: 137856278
Conc: 57.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

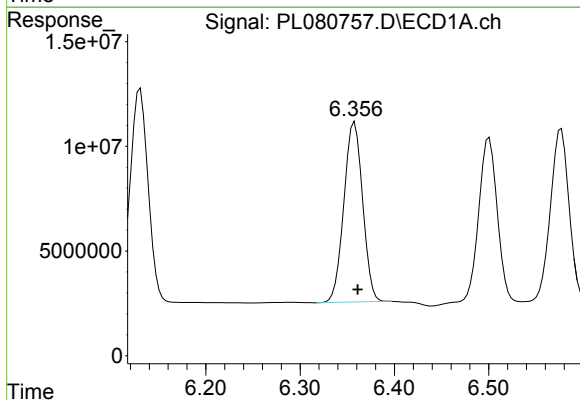
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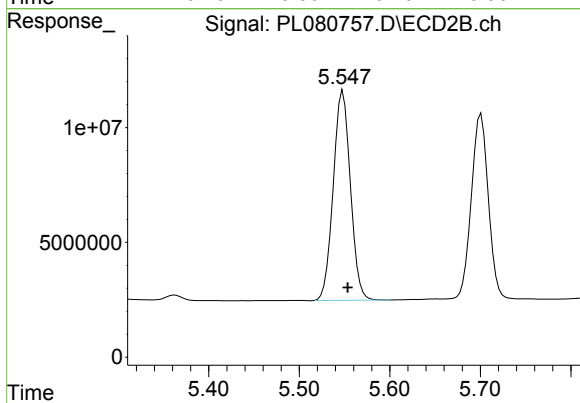
#13 Dieldrin

R.T.: 5.274 min
Delta R.T.: -0.006 min
Response: 140386069
Conc: 51.90 ng/ml



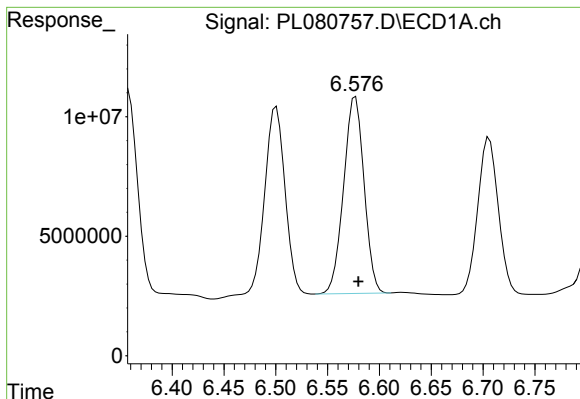
#14 Endrin

R.T.: 6.356 min
Delta R.T.: -0.005 min
Response: 118880517
Conc: 54.97 ng/ml m



#14 Endrin

R.T.: 5.548 min
Delta R.T.: -0.005 min
Response: 120223984
Conc: 51.79 ng/ml



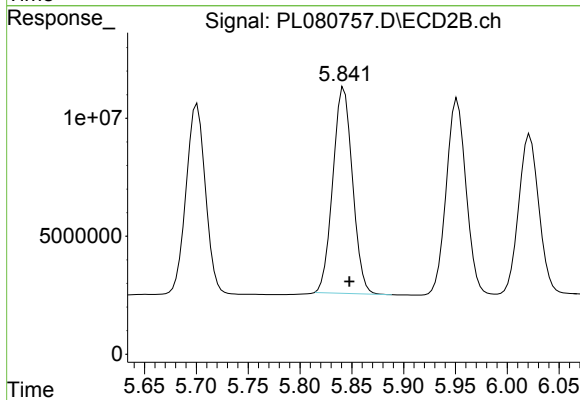
#15 Endosulfan II

R.T.: 6.577 min
Delta R.T.: -0.003 min
Response: 112910136
Conc: 49.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

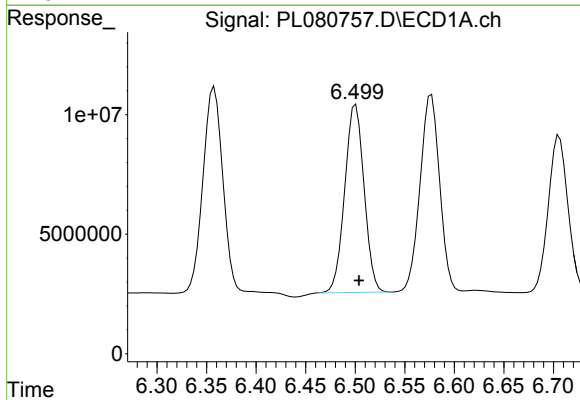
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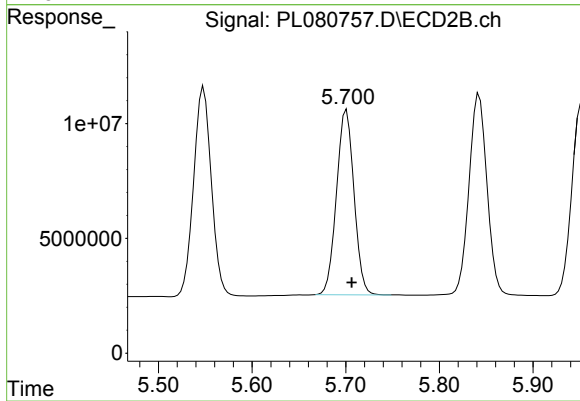
#15 Endosulfan II

R.T.: 5.842 min
Delta R.T.: -0.005 min
Response: 114906331
Conc: 55.14 ng/ml



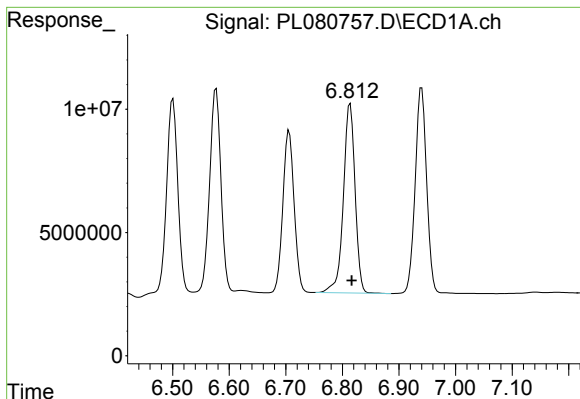
#16 4,4'-DDD

R.T.: 6.501 min
Delta R.T.: -0.003 min
Response: 106850594
Conc: 58.32 ng/ml



#16 4,4'-DDD

R.T.: 5.701 min
Delta R.T.: -0.005 min
Response: 104920752
Conc: 55.83 ng/ml



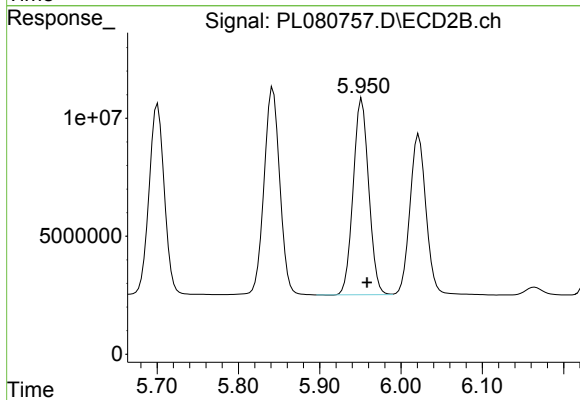
#17 4,4'-DDT

R.T.: 6.814 min
Delta R.T.: -0.002 min
Response: 110432535
Conc: 53.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

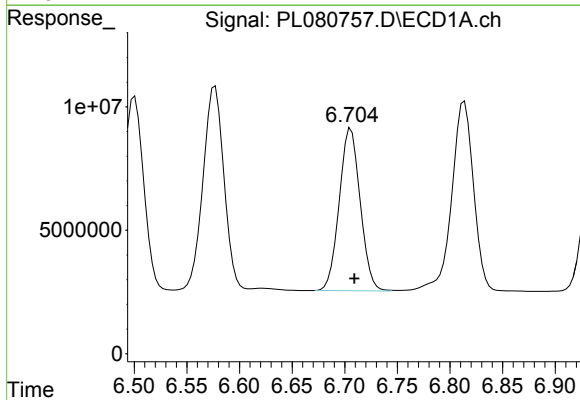
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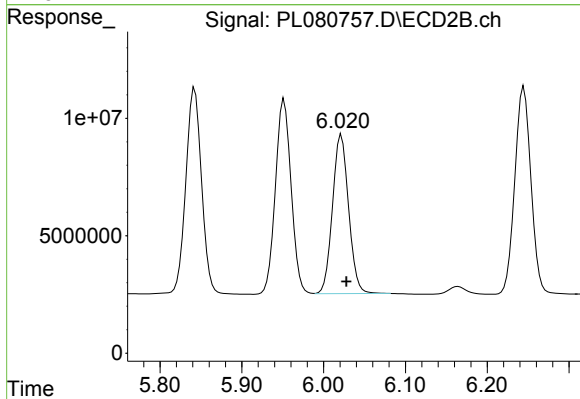
#17 4,4'-DDT

R.T.: 5.952 min
Delta R.T.: -0.007 min
Response: 109997779
Conc: 52.34 ng/ml



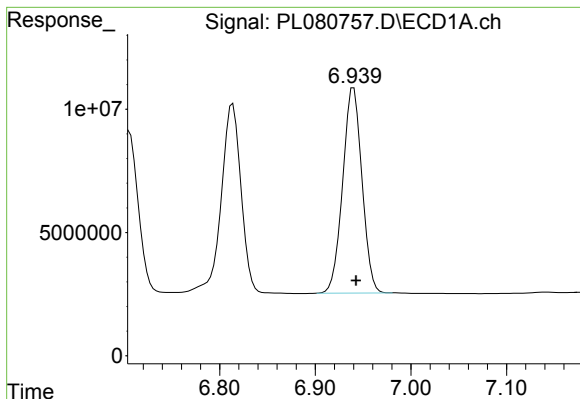
#18 Endrin aldehyde

R.T.: 6.704 min
Delta R.T.: -0.005 min
Response: 91380148
Conc: 54.94 ng/ml m



#18 Endrin aldehyde

R.T.: 6.022 min
Delta R.T.: -0.006 min
Response: 92715305
Conc: 50.77 ng/ml



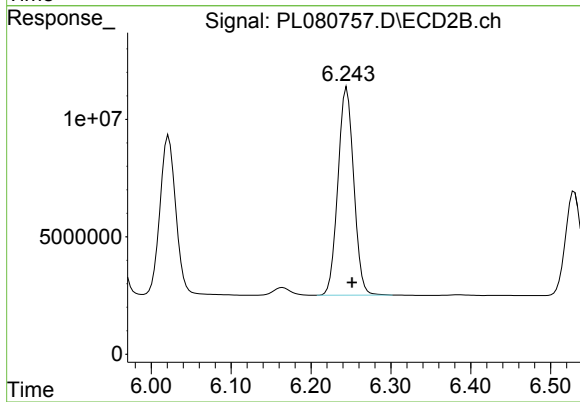
#19 Endosulfan Sulfate

R.T.: 6.940 min
Delta R.T.: -0.003 min
Response: 117083918
Conc: 56.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

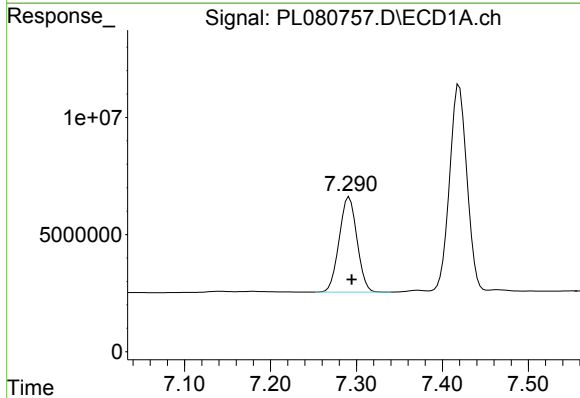
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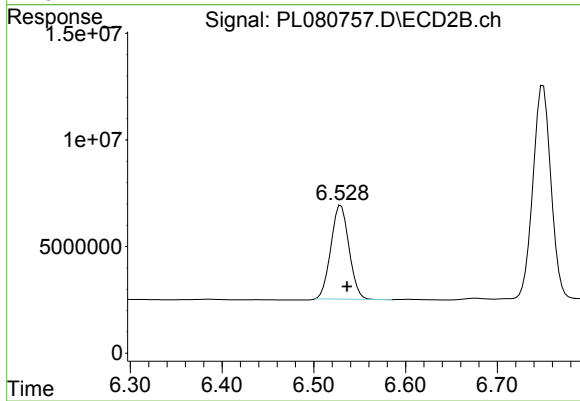
#19 Endosulfan Sulfate

R.T.: 6.245 min
Delta R.T.: -0.006 min
Response: 121641870
Conc: 52.30 ng/ml



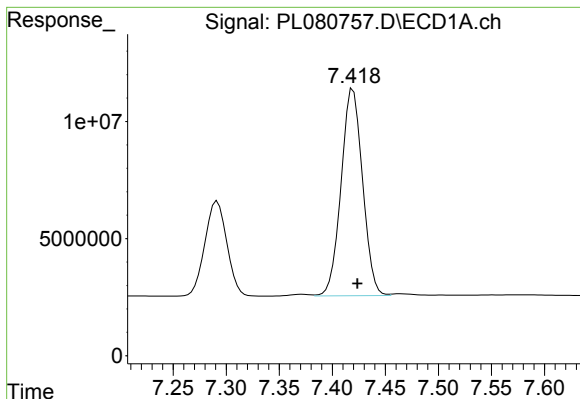
#20 Methoxychlor

R.T.: 7.292 min
Delta R.T.: -0.003 min
Response: 58455285
Conc: 52.98 ng/ml



#20 Methoxychlor

R.T.: 6.530 min
Delta R.T.: -0.007 min
Response: 60362980
Conc: 49.74 ng/ml



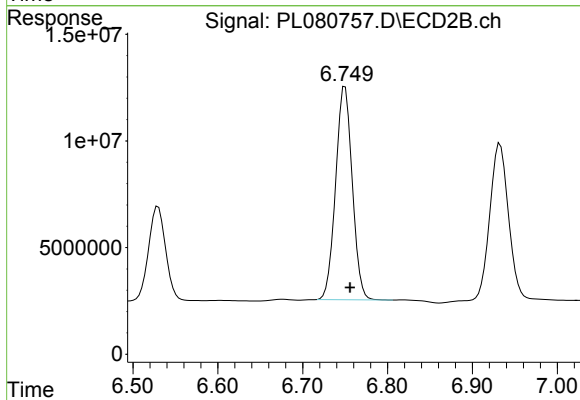
#21 Endrin ketone

R.T.: 7.420 min
Delta R.T.: -0.004 min
Response: 124266998
Conc: 56.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

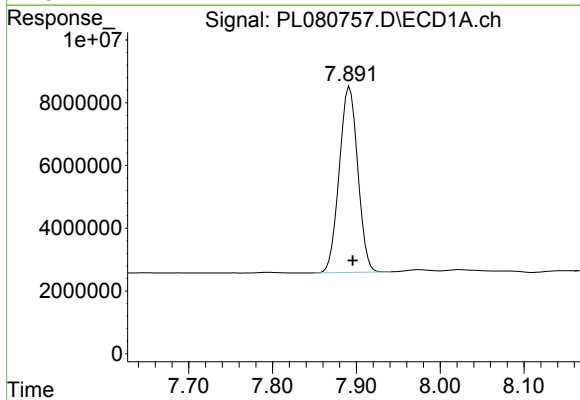
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/06/2023
Supervised By :Ankita Jodhani 02/06/2023



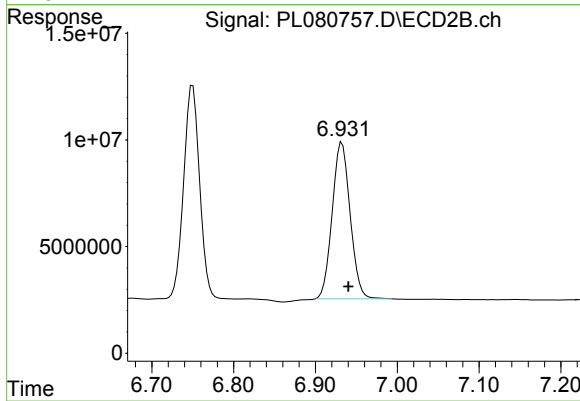
#21 Endrin ketone

R.T.: 6.750 min
Delta R.T.: -0.006 min
Response: 136021240
Conc: 53.27 ng/ml



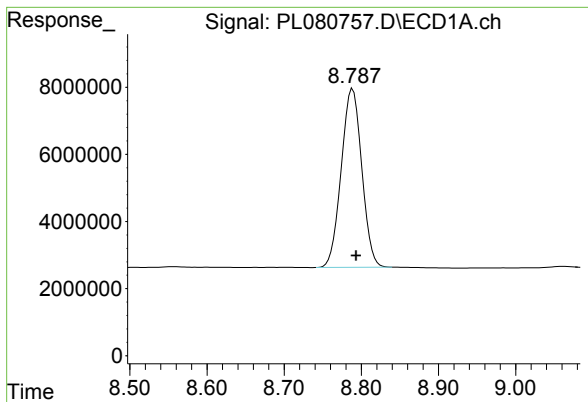
#22 Mirex

R.T.: 7.892 min
Delta R.T.: -0.004 min
Response: 90829942
Conc: 52.81 ng/ml



#22 Mirex

R.T.: 6.933 min
Delta R.T.: -0.008 min
Response: 112036066
Conc: 49.21 ng/ml



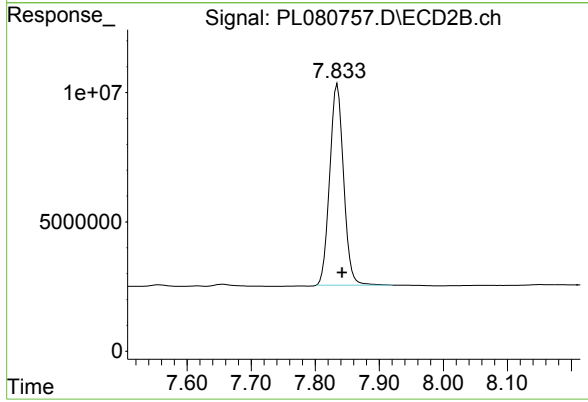
#28 Decachlorobiphenyl

R.T.: 8.789 min
Delta R.T.: -0.004 min
Response: 98323716
Conc: 56.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :Ankita Jodhani 02/06/2023



#28 Decachlorobiphenyl

R.T.: 7.835 min
Delta R.T.: -0.007 min
Response: 117385302
Conc: 49.27 ng/ml