

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL053123\
 Data File : PL083123.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 May 2023 16:01
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/01/2023
 Supervised By : Ankita Jodhani 06/01/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 01 05:09:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 04:58:53 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...	3.318	2.637	135.7E6	118.2E6	46.165	45.520
28)	SA Decachlor...	8.735	7.742	100.1E6	112.2E6	47.712	45.111
Target Compounds							
2)	A alpha-BHC	3.766	3.132	206.4E6	169.9E6	46.505	45.521
3)	MA gamma-BHC...	4.094	3.459	194.0E6	157.1E6	46.832	47.120
4)	MA Heptachlor	4.672	3.790	181.9E6	162.7E6	47.590	44.431
5)	MB Aldrin	5.008	4.066	168.6E6	149.7E6	47.935	46.014
6)	B beta-BHC	4.299	3.760	85718954	66704340	45.529	46.644
7)	B delta-BHC	4.539	3.985	191.6E6	153.9E6	55.706	46.956
8)	B Heptachlo...	5.435	4.567	152.5E6	136.2E6	47.678	45.897
9)	A Endosulfan I	5.816	4.934	143.8E6	122.5E6	47.909	43.853
10)	B gamma-Chl...	5.688	4.816	155.8E6	135.7E6	49.040m	45.197
11)	B alpha-Chl...	5.767	4.878	155.8E6	134.9E6	48.556	44.931
12)	B 4,4'-DDE	5.947	5.068	132.6E6	114.3E6	48.111	47.075m
13)	MA Dieldrin	6.091	5.198	140.7E6	127.6E6	46.786	45.189
14)	MA Endrin	6.318	5.472	119.3E6	110.6E6	44.380	43.608
15)	B Endosulfa...	6.540	5.769	114.9E6	106.4E6	42.856	43.015
16)	A 4,4'-DDD	6.462	5.624	109.9E6	96847588	50.561	50.357
17)	MA 4,4'-DDT	6.773	5.872	109.4E6	96495642	43.688	43.252
18)	B Endrin al...	6.669	5.949	94803637	86682009	47.151m	43.835
19)	B Endosulfa...	6.905	6.172	119.3E6	109.8E6	46.525	44.840
20)	A Methoxychlor	7.255	6.451	58617228	54944322	44.327	43.204
21)	B Endrin ke...	7.384	6.676	124.7E6	123.7E6	48.884	45.735
22)	Mirex	7.848	6.847	95994527	103.6E6	45.798	44.278

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL053123\
Data File : PL083123.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 May 2023 16:01
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

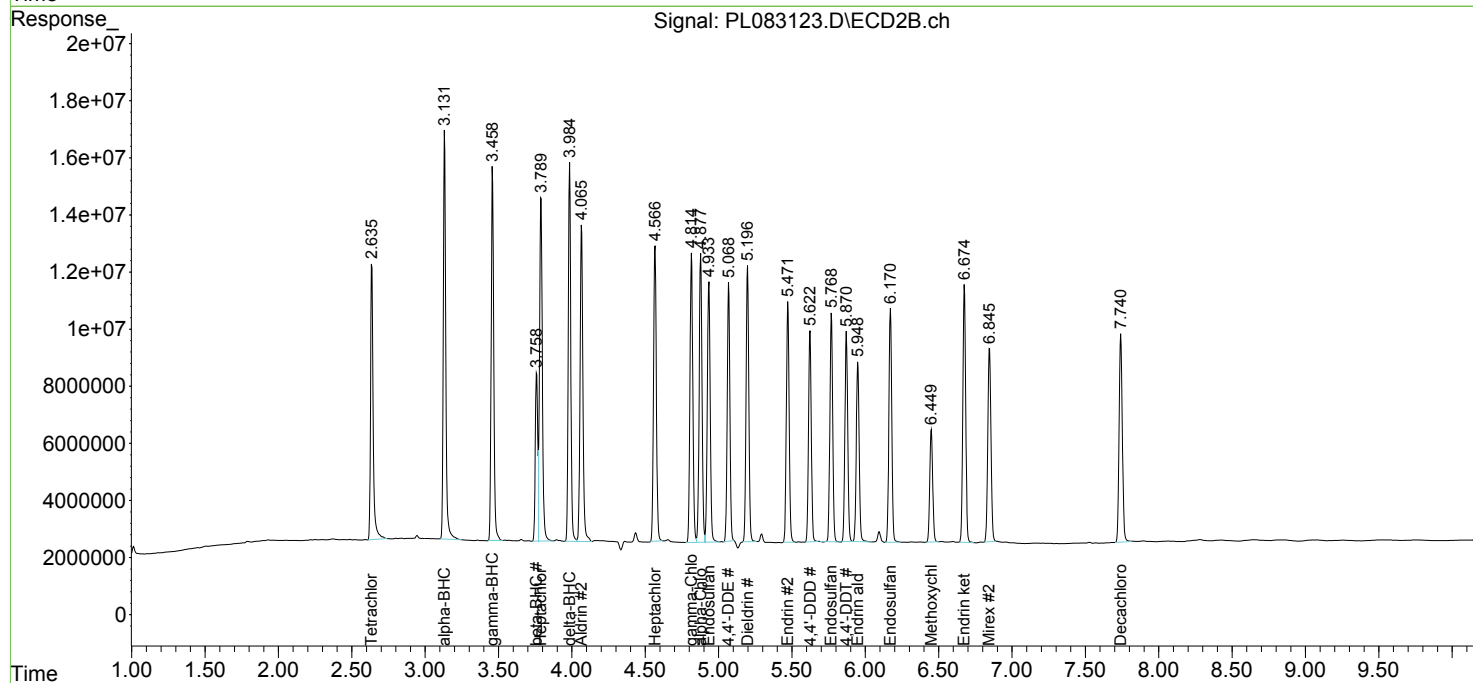
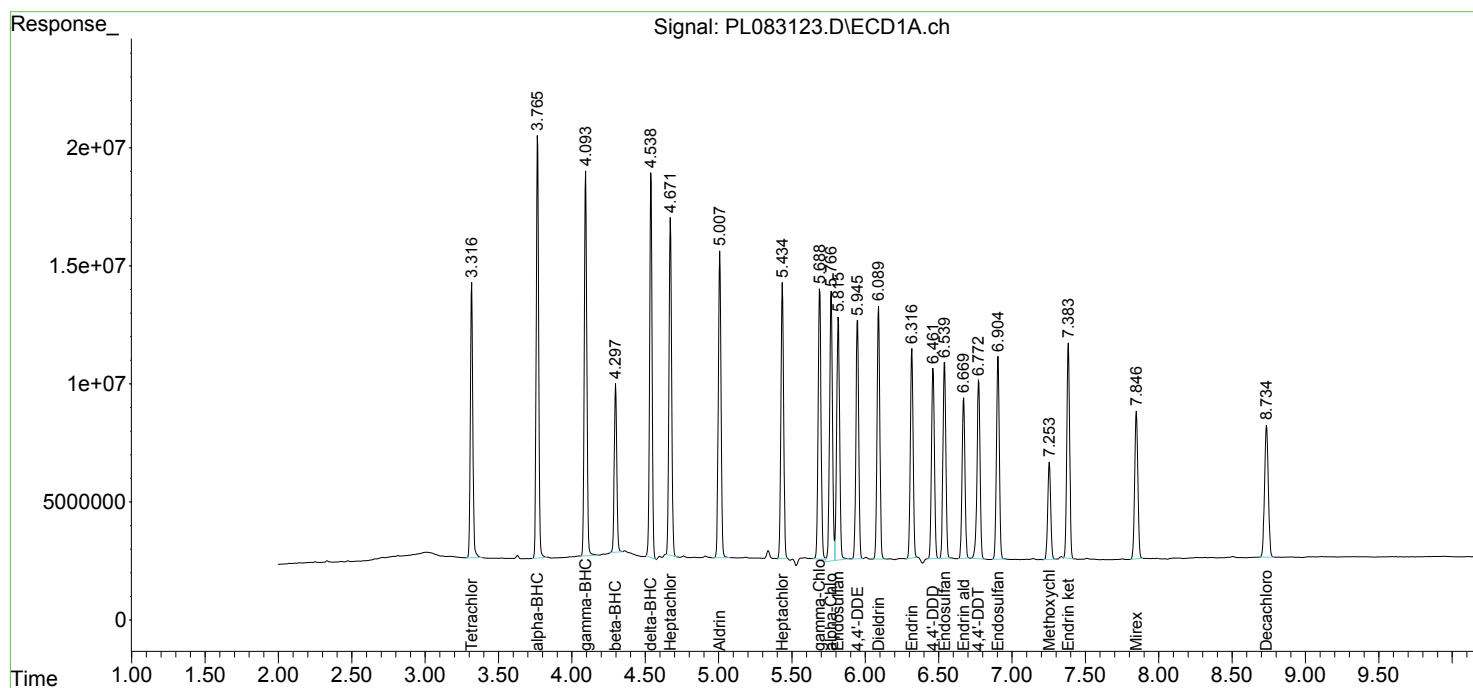
APPROVED

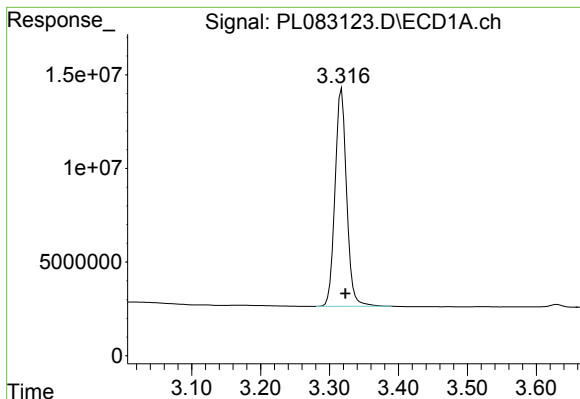
Reviewed By :Abdul Mirza 06/01/2023

Supervised By :Ankita Jodhani 06/01/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 01 05:09:25 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
Quant Title : GC Extractables
QLast Update : Sat May 20 04:58:53 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





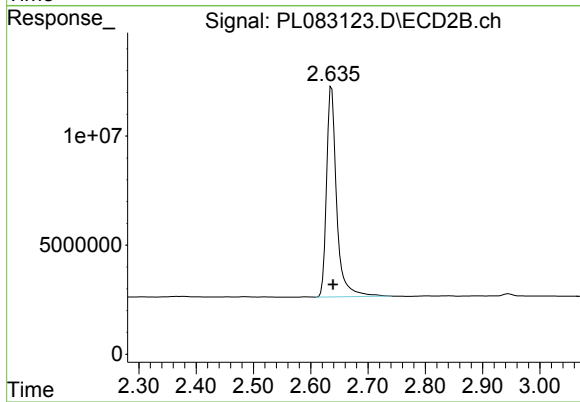
#1 Tetrachloro-m-xylene

R.T.: 3.318 min
Delta R.T.: -0.005 min
Response: 135681202
Conc: 46.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

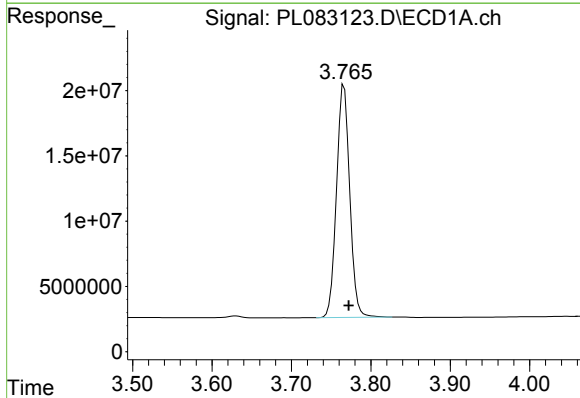
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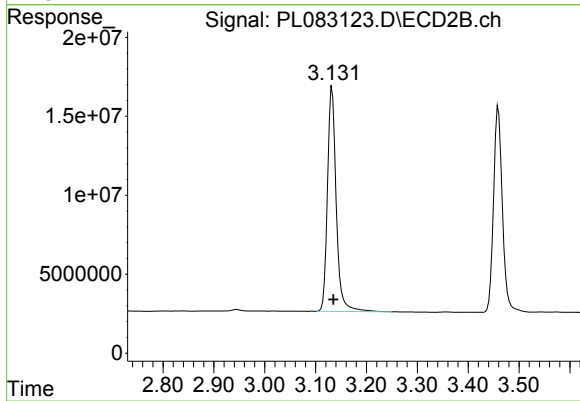
#1 Tetrachloro-m-xylene

R.T.: 2.637 min
Delta R.T.: -0.002 min
Response: 118173622
Conc: 45.52 ng/ml



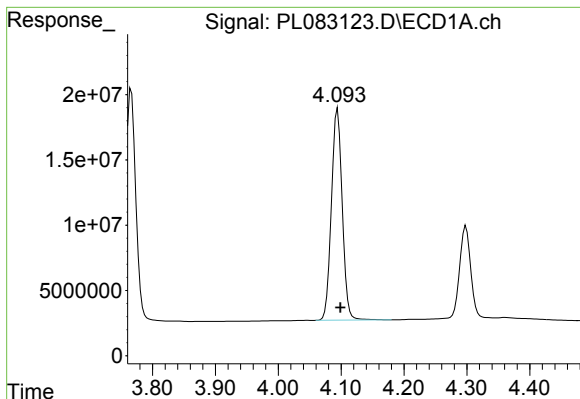
#2 alpha-BHC

R.T.: 3.766 min
Delta R.T.: -0.006 min
Response: 206447927
Conc: 46.51 ng/ml



#2 alpha-BHC

R.T.: 3.132 min
Delta R.T.: -0.003 min
Response: 169857896
Conc: 45.52 ng/ml



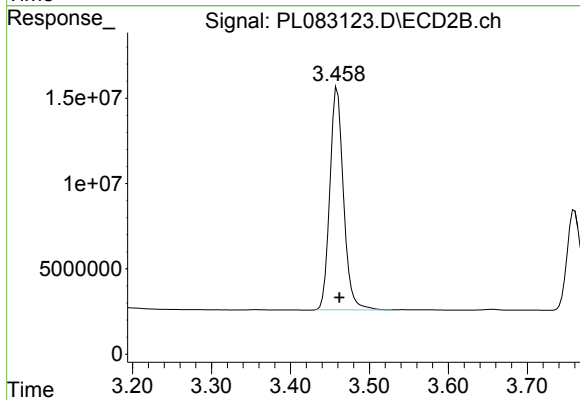
#3 gamma-BHC (Lindane)

R.T.: 4.094 min
Delta R.T.: -0.005 min
Response: 194019413
Conc: 46.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

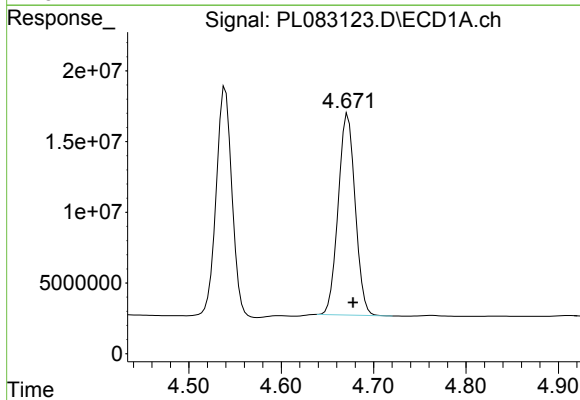
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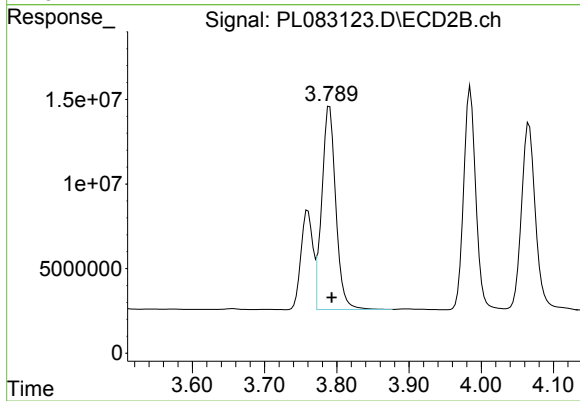
#3 gamma-BHC (Lindane)

R.T.: 3.459 min
Delta R.T.: -0.003 min
Response: 157065989
Conc: 47.12 ng/ml



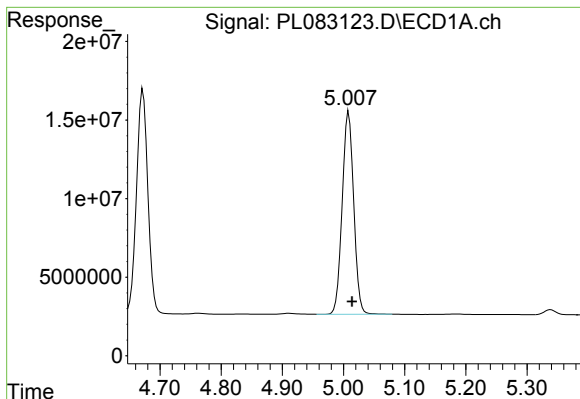
#4 Heptachlor

R.T.: 4.672 min
Delta R.T.: -0.006 min
Response: 181910802
Conc: 47.59 ng/ml



#4 Heptachlor

R.T.: 3.790 min
Delta R.T.: -0.003 min
Response: 162665279
Conc: 44.43 ng/ml



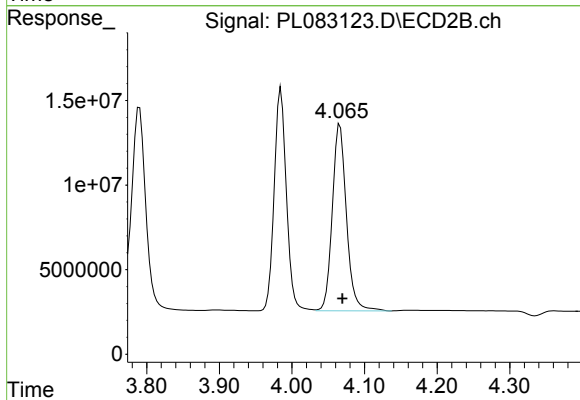
#5 Aldrin

R.T.: 5.008 min
Delta R.T.: -0.006 min
Response: 168642326
Conc: 47.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

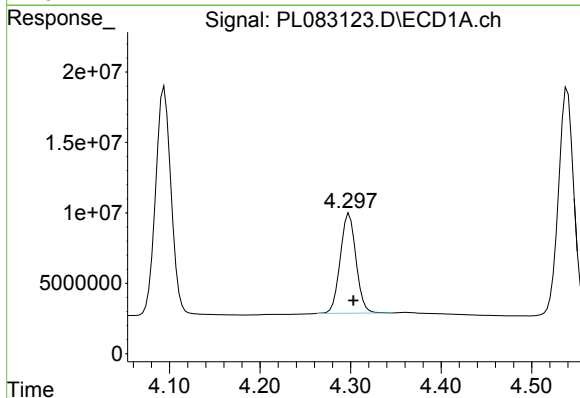
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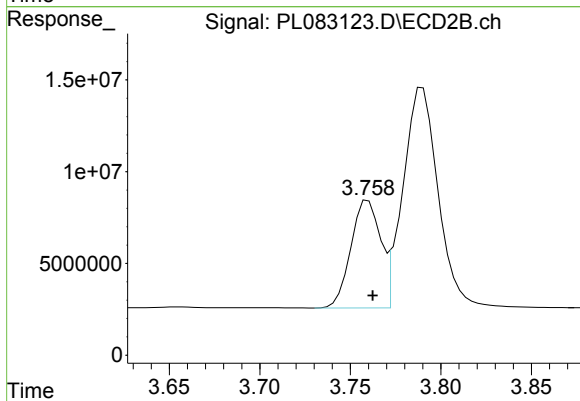
#5 Aldrin

R.T.: 4.066 min
Delta R.T.: -0.004 min
Response: 149710977
Conc: 46.01 ng/ml



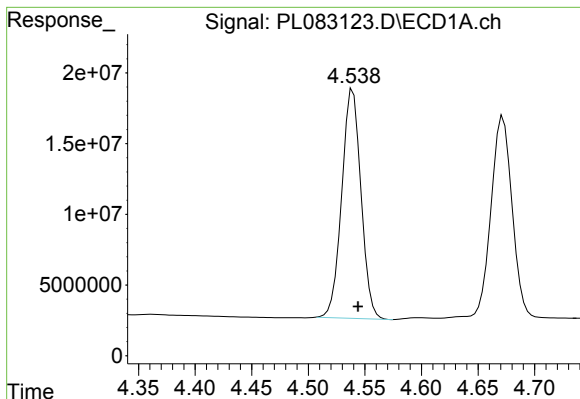
#6 beta-BHC

R.T.: 4.299 min
Delta R.T.: -0.004 min
Response: 85718954
Conc: 45.53 ng/ml



#6 beta-BHC

R.T.: 3.760 min
Delta R.T.: -0.002 min
Response: 66704340
Conc: 46.64 ng/ml



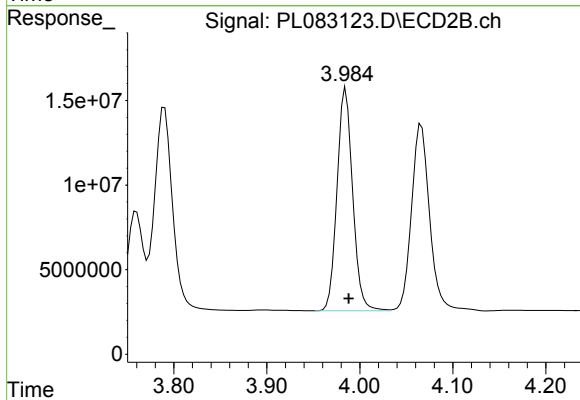
#7 delta-BHC

R.T.: 4.539 min
Delta R.T.: -0.005 min
Response: 191568511
Conc: 55.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

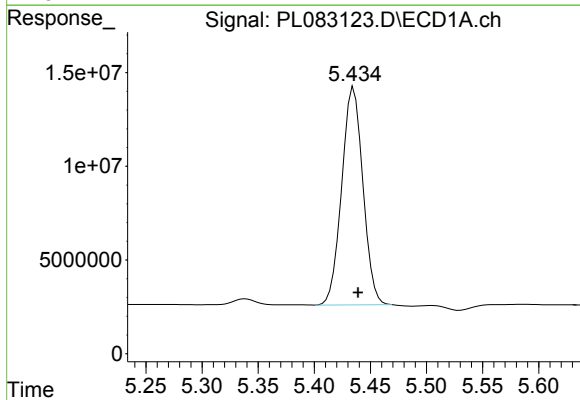
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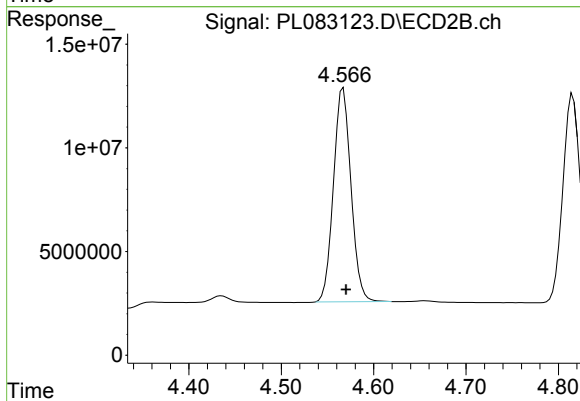
#7 delta-BHC

R.T.: 3.985 min
Delta R.T.: -0.003 min
Response: 153850480
Conc: 46.96 ng/ml



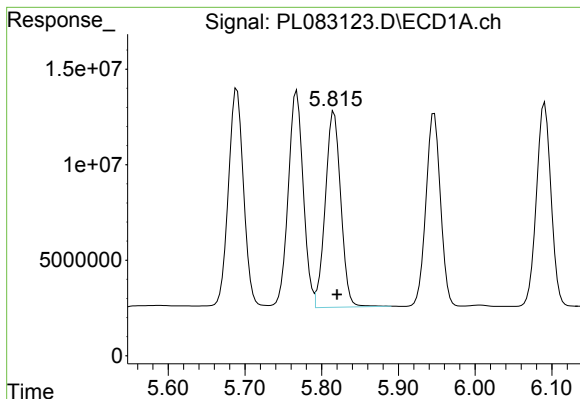
#8 Heptachlor epoxide

R.T.: 5.435 min
Delta R.T.: -0.004 min
Response: 152509301
Conc: 47.68 ng/ml



#8 Heptachlor epoxide

R.T.: 4.567 min
Delta R.T.: -0.003 min
Response: 136217388
Conc: 45.90 ng/ml



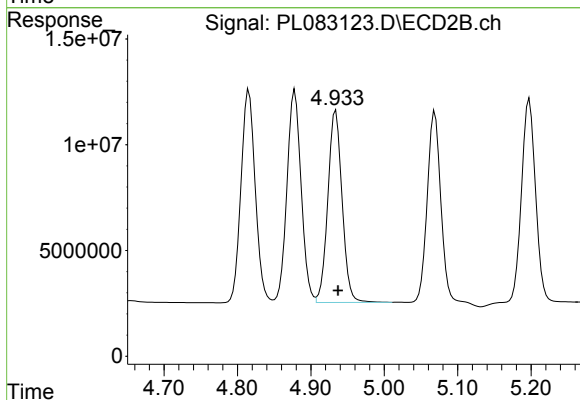
#9 Endosulfan I

R.T.: 5.816 min
Delta R.T.: -0.004 min
Response: 143754742
Conc: 47.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

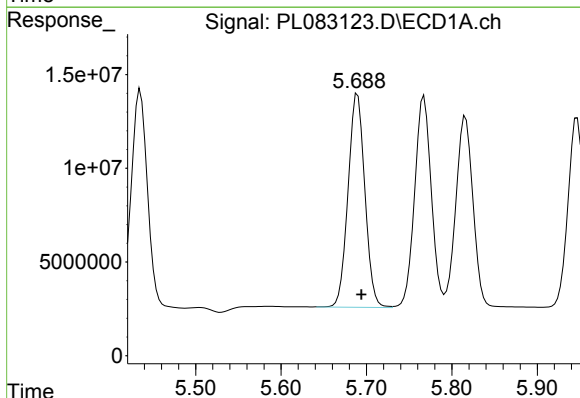
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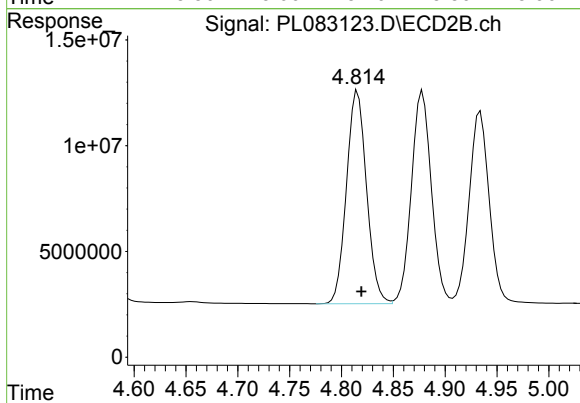
#9 Endosulfan I

R.T.: 4.934 min
Delta R.T.: -0.003 min
Response: 122541874
Conc: 43.85 ng/ml



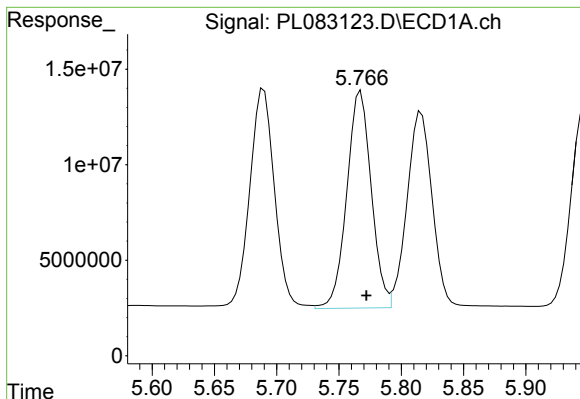
#10 gamma-Chlordane

R.T.: 5.688 min
Delta R.T.: -0.006 min
Response: 155797230
Conc: 49.04 ng/ml m



#10 gamma-Chlordane

R.T.: 4.816 min
Delta R.T.: -0.003 min
Response: 135743512
Conc: 45.20 ng/ml



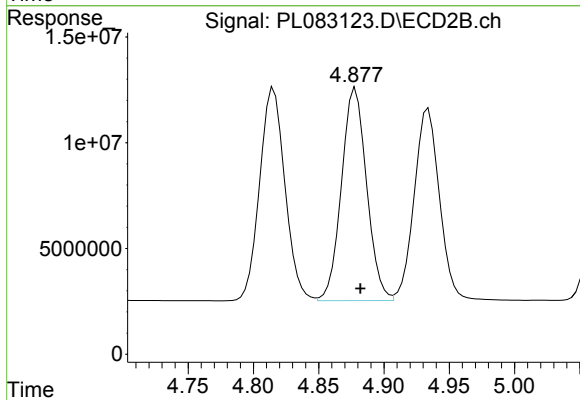
#11 alpha-Chlordane

R.T.: 5.767 min
Delta R.T.: -0.005 min
Response: 155829730
Conc: 48.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

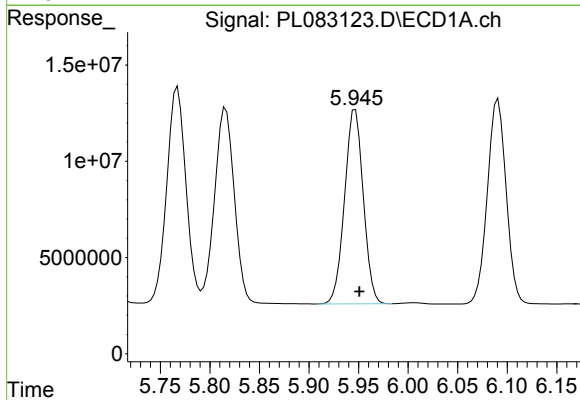
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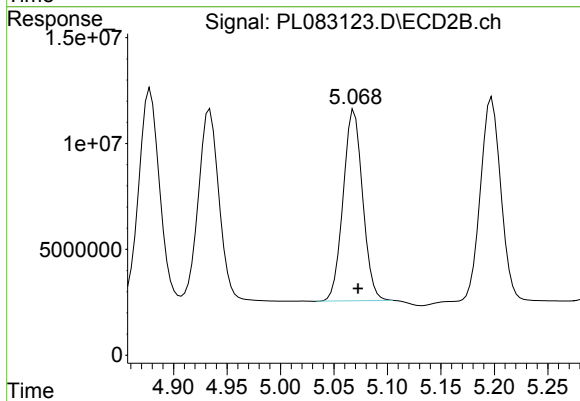
#11 alpha-Chlordane

R.T.: 4.878 min
Delta R.T.: -0.004 min
Response: 134881372
Conc: 44.93 ng/ml



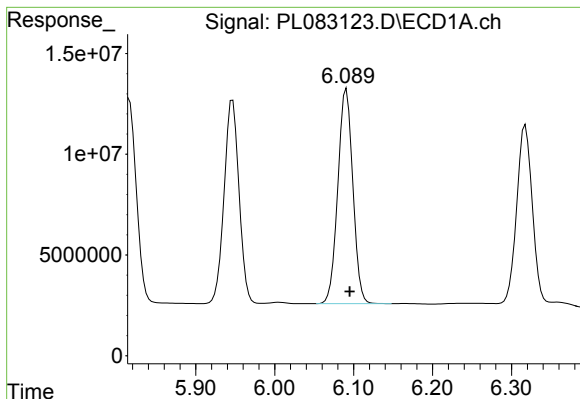
#12 4,4'-DDE

R.T.: 5.947 min
Delta R.T.: -0.004 min
Response: 132619478
Conc: 48.11 ng/ml



#12 4,4'-DDE

R.T.: 5.068 min
Delta R.T.: -0.005 min
Response: 114333966
Conc: 47.08 ng/ml m



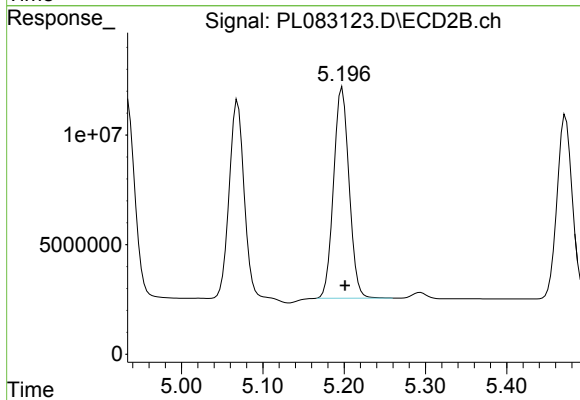
#13 Dieldrin

R.T.: 6.091 min
Delta R.T.: -0.004 min
Response: 140723825
Conc: 46.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

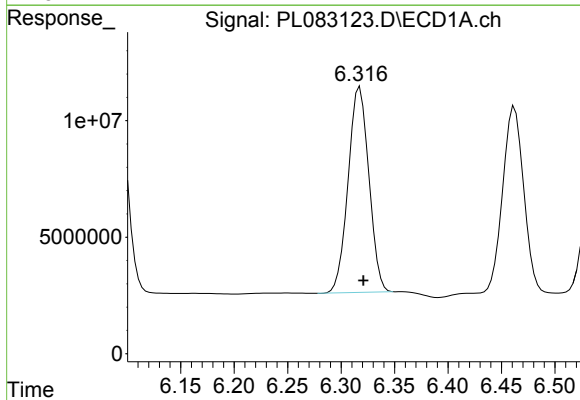
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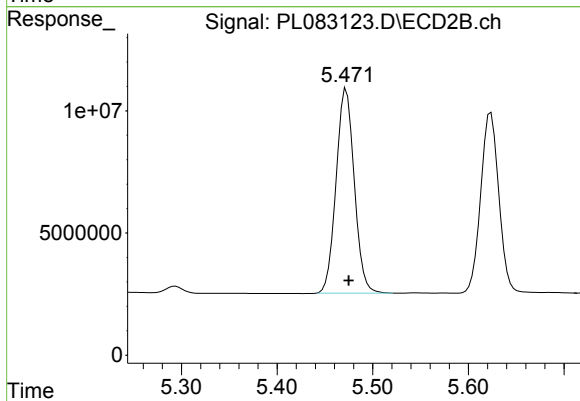
#13 Dieldrin

R.T.: 5.198 min
Delta R.T.: -0.003 min
Response: 127563967
Conc: 45.19 ng/ml



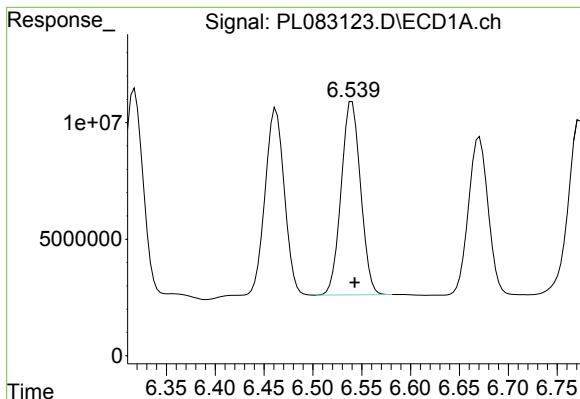
#14 Endrin

R.T.: 6.318 min
Delta R.T.: -0.003 min
Response: 119260700
Conc: 44.38 ng/ml



#14 Endrin

R.T.: 5.472 min
Delta R.T.: -0.003 min
Response: 110631715
Conc: 43.61 ng/ml



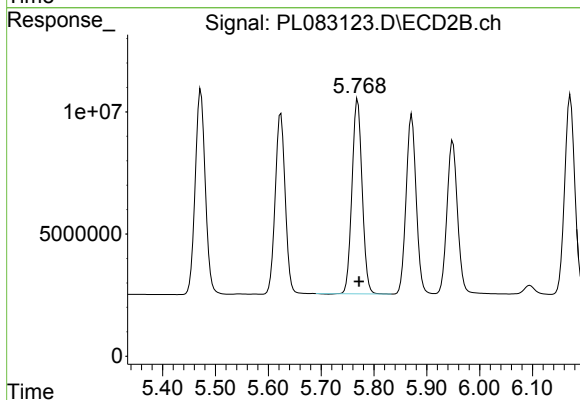
#15 Endosulfan II

R.T.: 6.540 min
Delta R.T.: -0.003 min
Response: 114938286
Conc: 42.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

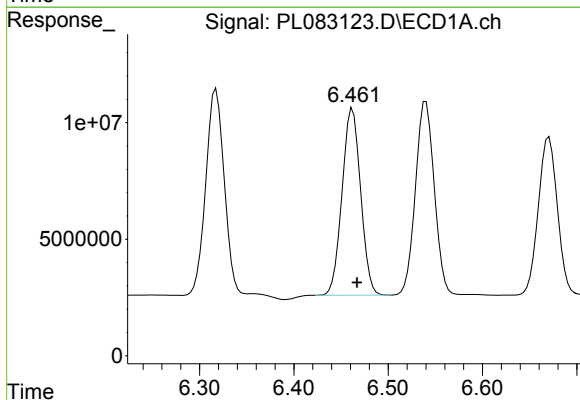
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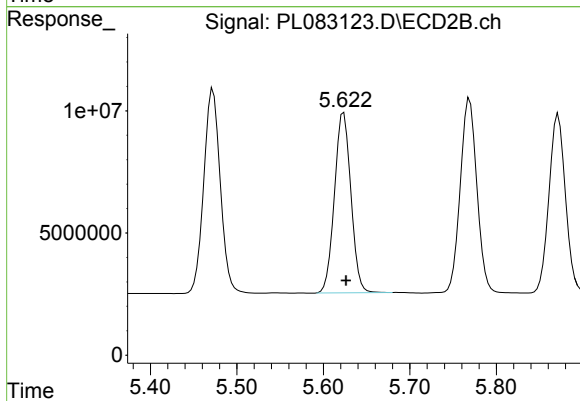
#15 Endosulfan II

R.T.: 5.769 min
Delta R.T.: -0.003 min
Response: 106427839
Conc: 43.02 ng/ml



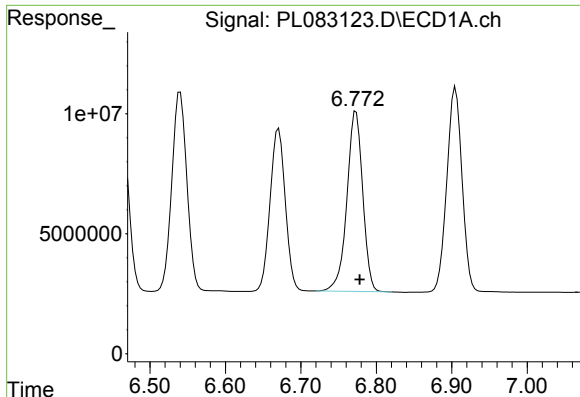
#16 4,4'-DDD

R.T.: 6.462 min
Delta R.T.: -0.005 min
Response: 109872229
Conc: 50.56 ng/ml



#16 4,4'-DDD

R.T.: 5.624 min
Delta R.T.: -0.003 min
Response: 96847588
Conc: 50.36 ng/ml



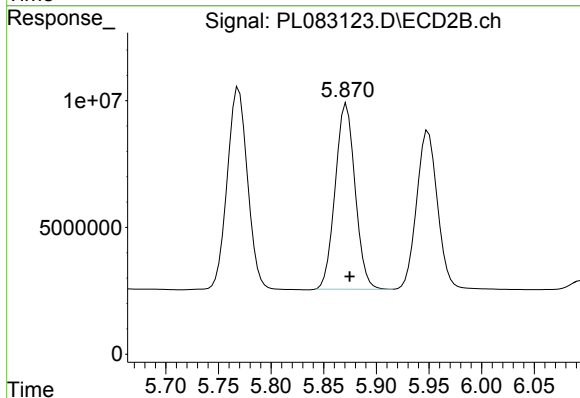
#17 4,4'-DDT

R.T.: 6.773 min
Delta R.T.: -0.005 min
Response: 109357760
Conc: 43.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

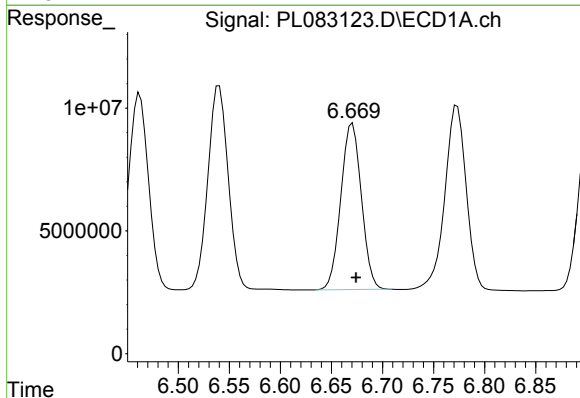
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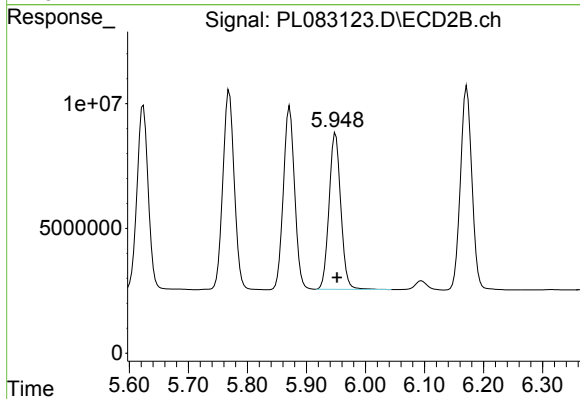
#17 4,4'-DDT

R.T.: 5.872 min
Delta R.T.: -0.003 min
Response: 96495642
Conc: 43.25 ng/ml



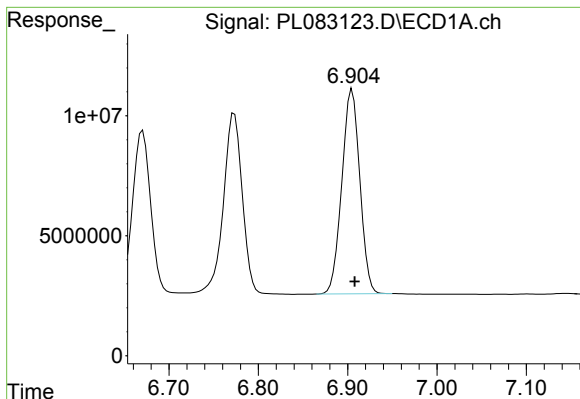
#18 Endrin aldehyde

R.T.: 6.669 min
Delta R.T.: -0.005 min
Response: 94803637
Conc: 47.15 ng/ml m



#18 Endrin aldehyde

R.T.: 5.949 min
Delta R.T.: -0.002 min
Response: 86682009
Conc: 43.83 ng/ml



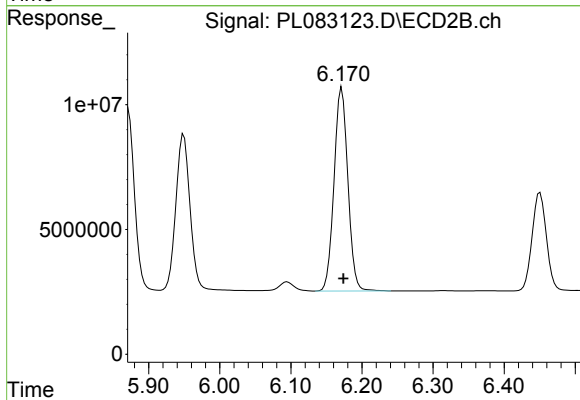
#19 Endosulfan Sulfate

R.T.: 6.905 min
Delta R.T.: -0.003 min
Response: 119276121
Conc: 46.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

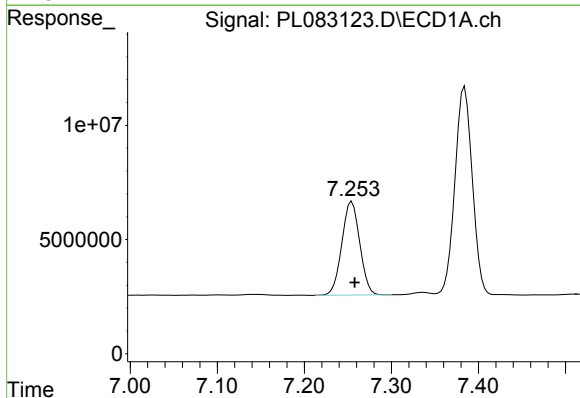
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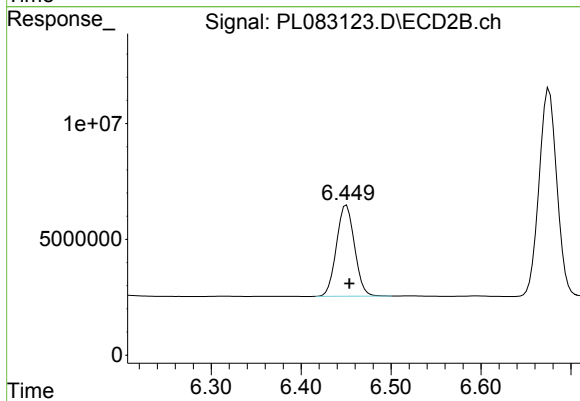
#19 Endosulfan Sulfate

R.T.: 6.172 min
Delta R.T.: -0.002 min
Response: 109811804
Conc: 44.84 ng/ml



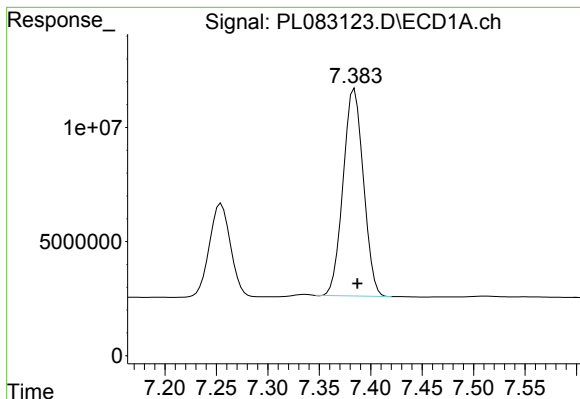
#20 Methoxychlor

R.T.: 7.255 min
Delta R.T.: -0.003 min
Response: 58617228
Conc: 44.33 ng/ml



#20 Methoxychlor

R.T.: 6.451 min
Delta R.T.: -0.003 min
Response: 54944322
Conc: 43.20 ng/ml



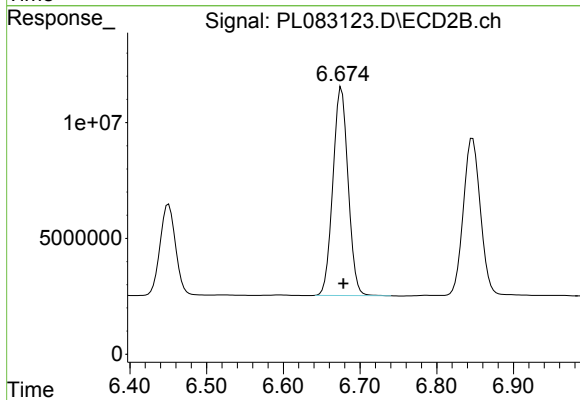
#21 Endrin ketone

R.T.: 7.384 min
Delta R.T.: -0.003 min
Response: 124693203
Conc: 48.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

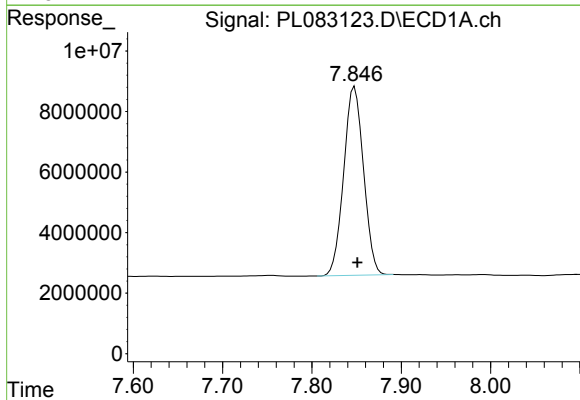
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/01/2023
Supervised By :Ankita Jodhani 06/01/2023



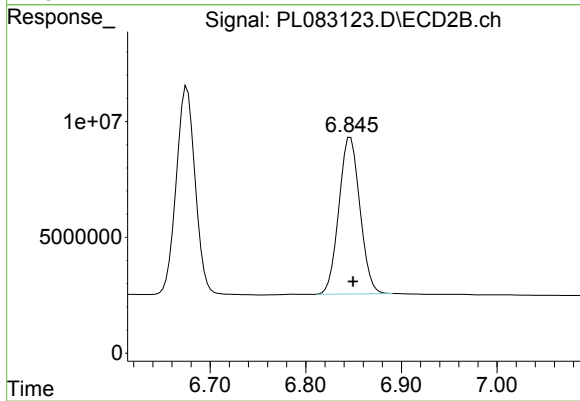
#21 Endrin ketone

R.T.: 6.676 min
Delta R.T.: -0.003 min
Response: 123661842
Conc: 45.74 ng/ml



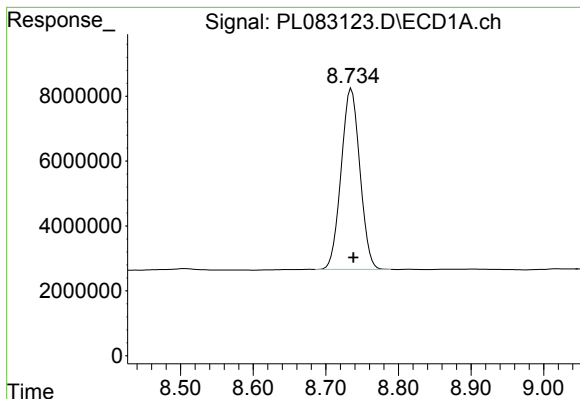
#22 Mirex

R.T.: 7.848 min
Delta R.T.: -0.003 min
Response: 95994527
Conc: 45.80 ng/ml



#22 Mirex

R.T.: 6.847 min
Delta R.T.: -0.003 min
Response: 103603075
Conc: 44.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.735 min
Delta R.T.: -0.003 min
Response: 100067217
Conc: 47.71 ng/ml

Instrument :

ECD_L

ClientSampleId :

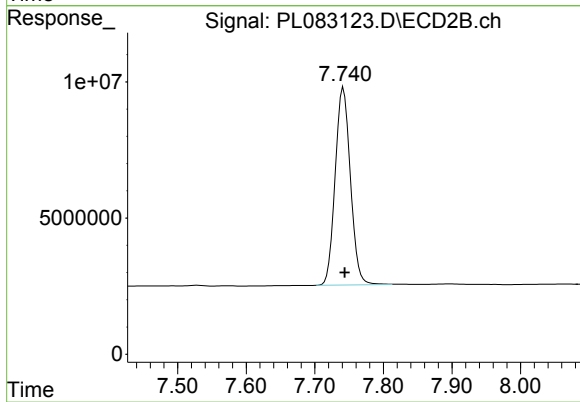
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.742 min
Delta R.T.: -0.002 min
Response: 112171138
Conc: 45.11 ng/ml