

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061323\
 Data File : PL083386.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jun 2023 10:00
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/14/2023
 Supervised By : Ankita Jodhani 06/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 11:23:17 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...	3.323	2.632	142.2E6	118.9E6	48.379	45.812
28)	SA Decachlor...	8.744	7.740	104.6E6	120.7E6	49.888	48.531
Target Compounds							
2)	A alpha-BHC	3.773	3.128	218.2E6	170.7E6	49.142	45.737
3)	MA gamma-BHC...	4.100	3.453	200.0E6	158.8E6	48.275	47.636m
4)	MA Heptachlor	4.678	3.785	196.3E6	167.5E6	51.360	45.747
5)	MB Aldrin	5.015	4.061	180.5E6	150.1E6	51.299	46.129
6)	B beta-BHC	4.305	3.756	86770314	65460272	46.087	45.774
7)	B delta-BHC	4.547	3.980	197.1E6	152.1E6	57.316	46.419
8)	B Heptachlo...	5.442	4.561	161.5E6	138.3E6	50.486	46.589m
9)	A Endosulfan I	5.822	4.930	150.9E6	130.4E6	50.302	46.658
10)	B gamma-Chl...	5.697	4.811	165.5E6	140.0E6	52.101	46.629
11)	B alpha-Chl...	5.774	4.874	163.1E6	140.4E6	50.823	46.754
12)	B 4,4'-DDE	5.953	5.063	143.6E6	119.1E6	52.084	49.056m
13)	MA Dieldrin	6.097	5.194	153.6E6	130.1E6	51.056	46.094
14)	MA Endrin	6.325	5.468	125.4E6	112.0E6	46.665	44.130
15)	B Endosulfa...	6.547	5.766	125.4E6	110.6E6	47.197	44.705
16)	A 4,4'-DDD	6.470	5.620	118.2E6	96336712	54.406	50.091
17)	MA 4,4'-DDT	6.780	5.867	122.9E6	102.4E6	49.091	45.910m
18)	B Endrin al...	6.678	5.946	104.6E6	90236958	52.005	45.633
19)	B Endosulfa...	6.912	6.169	130.8E6	114.0E6	51.026	46.546
20)	A Methoxychlor	7.261	6.447	65146270	57180828	49.264	44.962
21)	B Endrin ke...	7.390	6.673	137.5E6	128.6E6	53.890m	47.562
22)	Mirex	7.855	6.842	104.4E6	110.7E6	49.812	47.330m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061323\
Data File : PL083386.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jun 2023 10:00
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

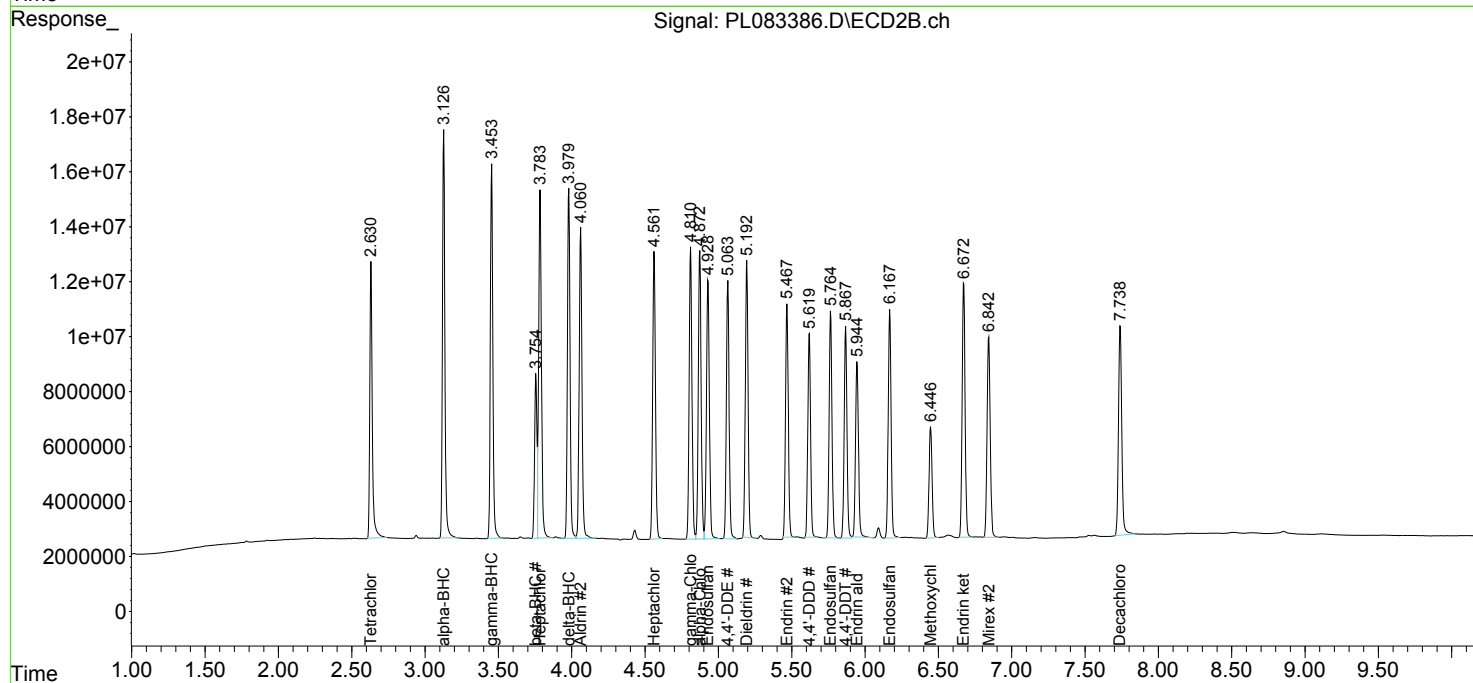
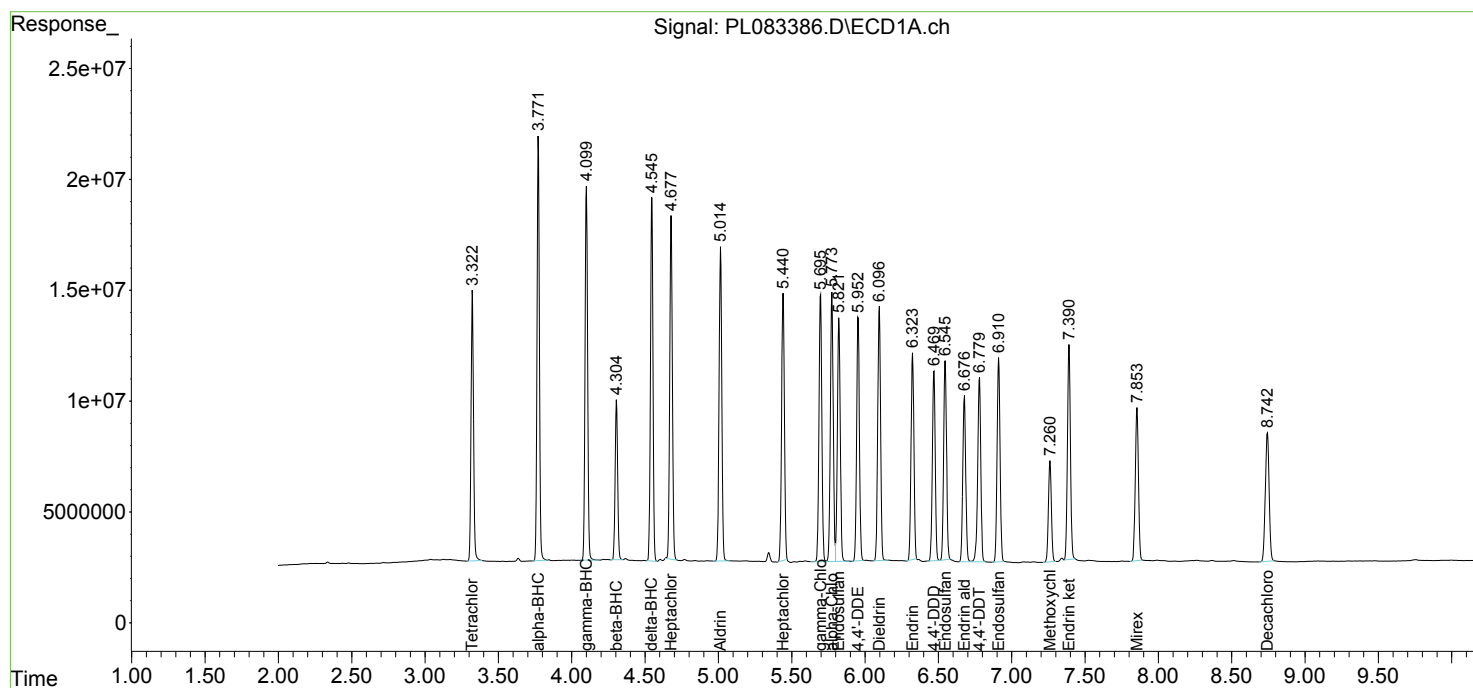
APPROVED

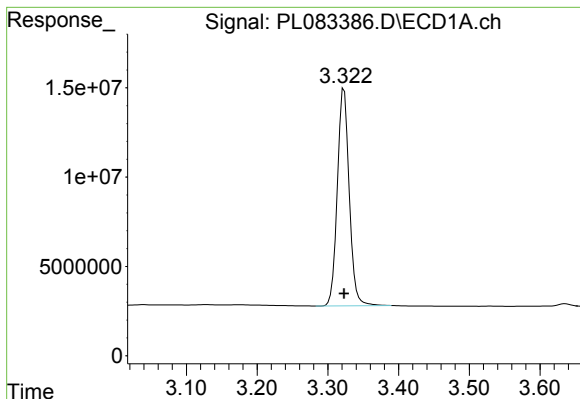
Reviewed By :Abdul Mirza 06/14/2023

Supervised By :Ankita Jodhani 06/14/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 13 11:23:17 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





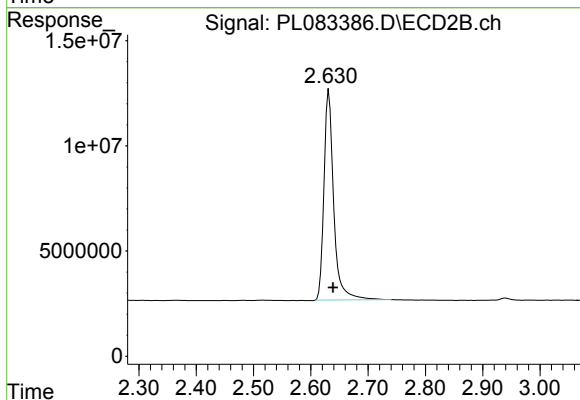
#1 Tetrachloro-m-xylene

R.T.: 3.323 min
Delta R.T.: 0.000 min
Response: 142185486
Conc: 48.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

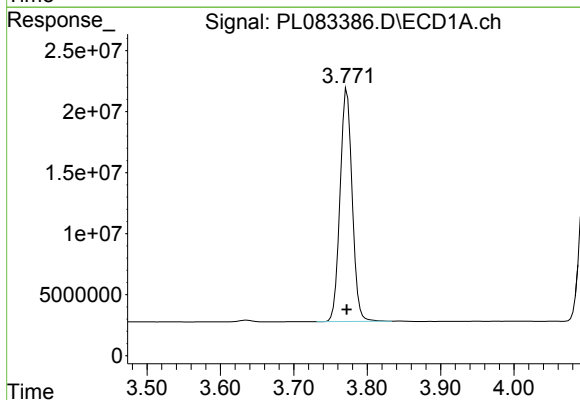
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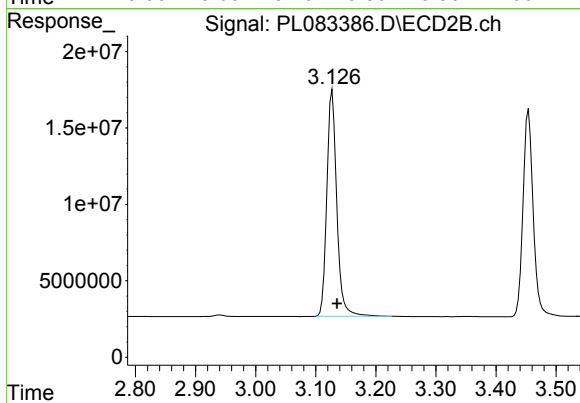
#1 Tetrachloro-m-xylene

R.T.: 2.632 min
Delta R.T.: -0.007 min
Response: 118931287
Conc: 45.81 ng/ml



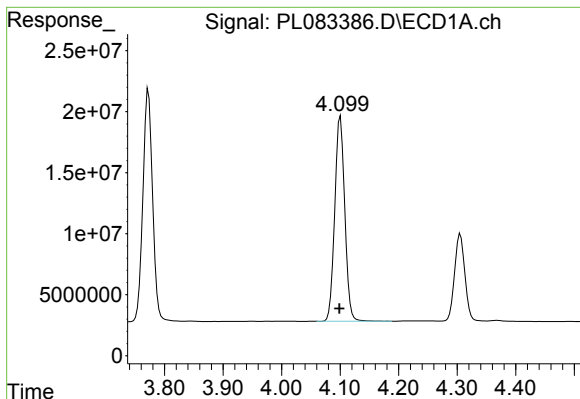
#2 alpha-BHC

R.T.: 3.773 min
Delta R.T.: 0.000 min
Response: 218155177
Conc: 49.14 ng/ml



#2 alpha-BHC

R.T.: 3.128 min
Delta R.T.: -0.008 min
Response: 170665192
Conc: 45.74 ng/ml



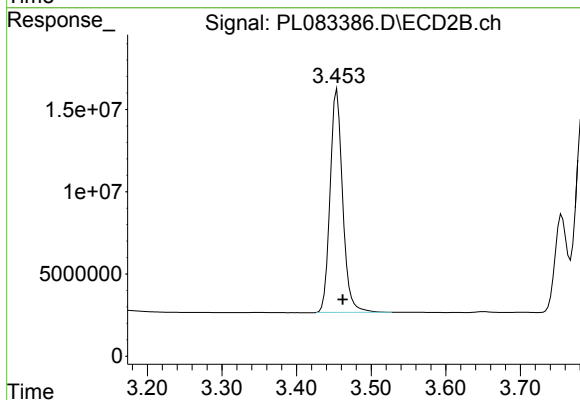
#3 gamma-BHC (Lindane)

R.T.: 4.100 min
Delta R.T.: 0.001 min
Response: 200001441
Conc: 48.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

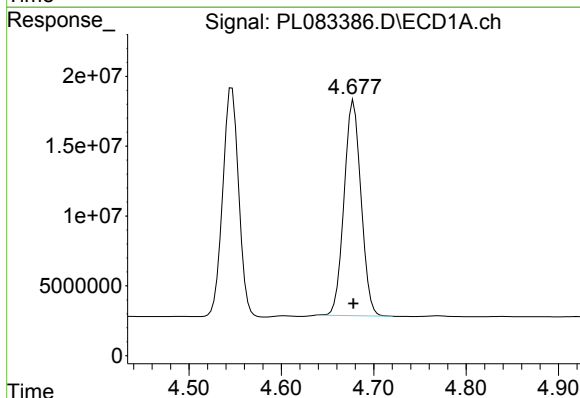
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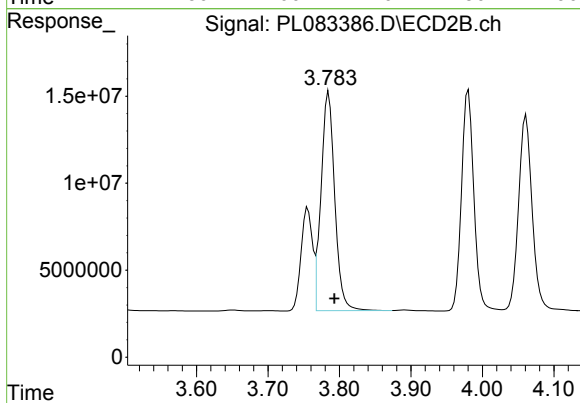
#3 gamma-BHC (Lindane)

R.T.: 3.453 min
Delta R.T.: -0.009 min
Response: 158786213
Conc: 47.64 ng/ml m



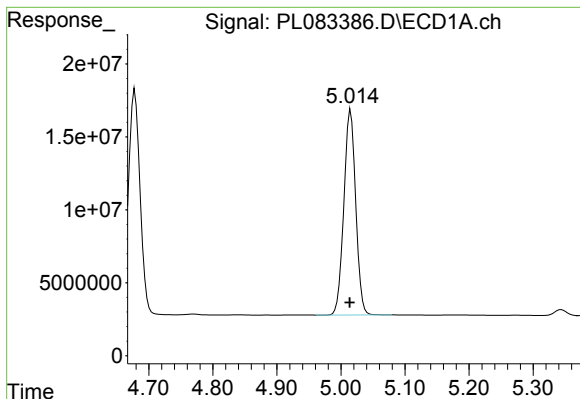
#4 Heptachlor

R.T.: 4.678 min
Delta R.T.: 0.000 min
Response: 196321394
Conc: 51.36 ng/ml



#4 Heptachlor

R.T.: 3.785 min
Delta R.T.: -0.008 min
Response: 167485212
Conc: 45.75 ng/ml



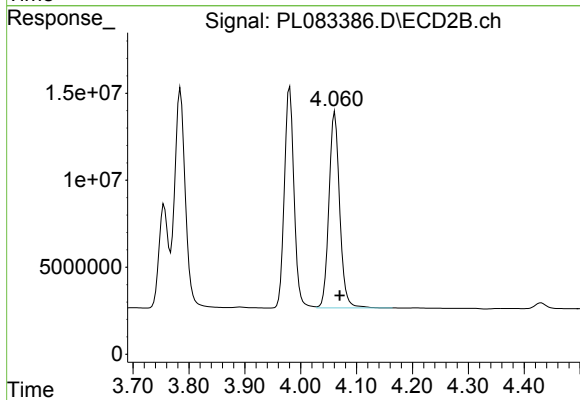
#5 Aldrin

R.T.: 5.015 min
Delta R.T.: 0.001 min
Response: 180475917
Conc: 51.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

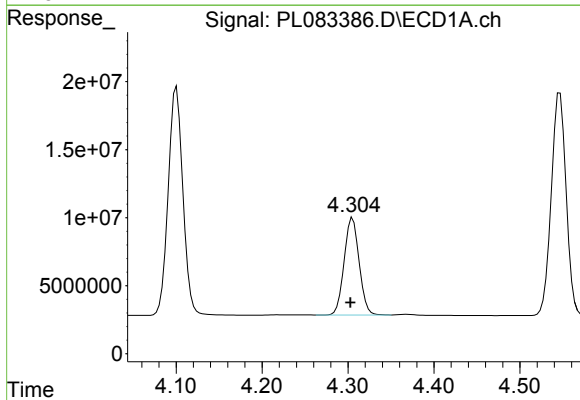
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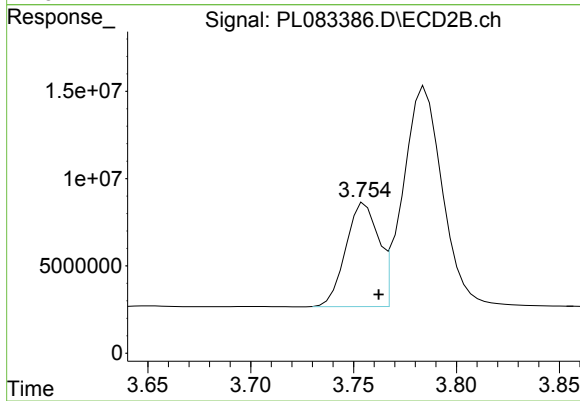
#5 Aldrin

R.T.: 4.061 min
Delta R.T.: -0.009 min
Response: 150085883
Conc: 46.13 ng/ml



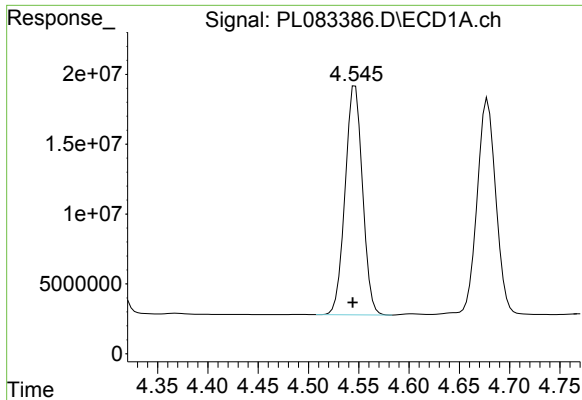
#6 beta-BHC

R.T.: 4.305 min
Delta R.T.: 0.002 min
Response: 86770314
Conc: 46.09 ng/ml



#6 beta-BHC

R.T.: 3.756 min
Delta R.T.: -0.007 min
Response: 65460272
Conc: 45.77 ng/ml



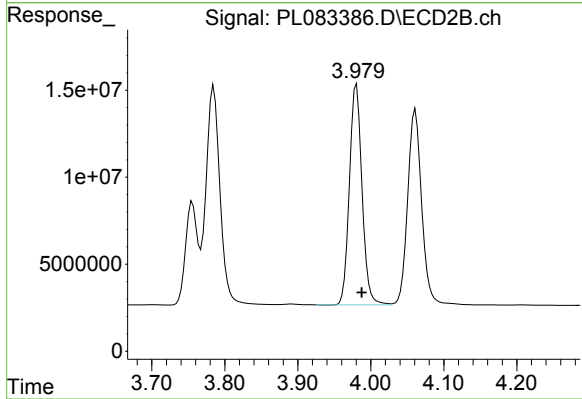
#7 delta-BHC

R.T.: 4.547 min
Delta R.T.: 0.003 min
Response: 197104130
Conc: 57.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

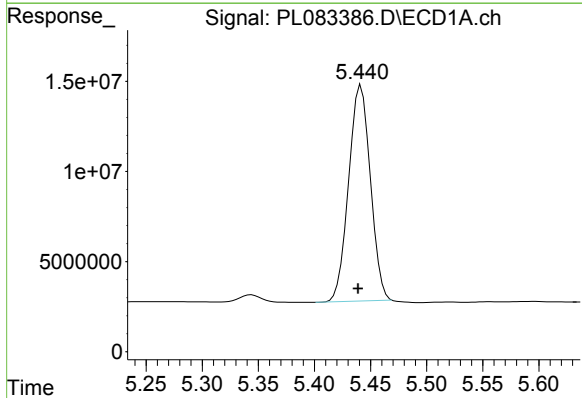
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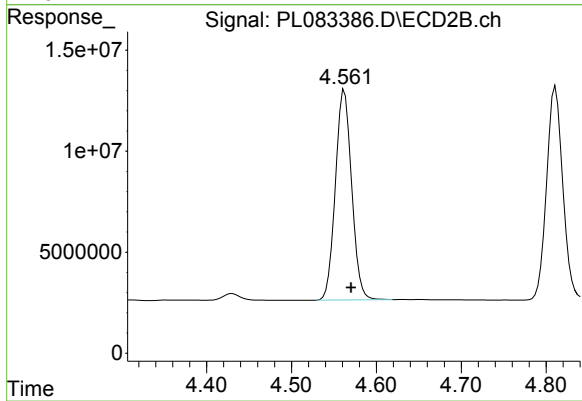
#7 delta-BHC

R.T.: 3.980 min
Delta R.T.: -0.008 min
Response: 152091066
Conc: 46.42 ng/ml



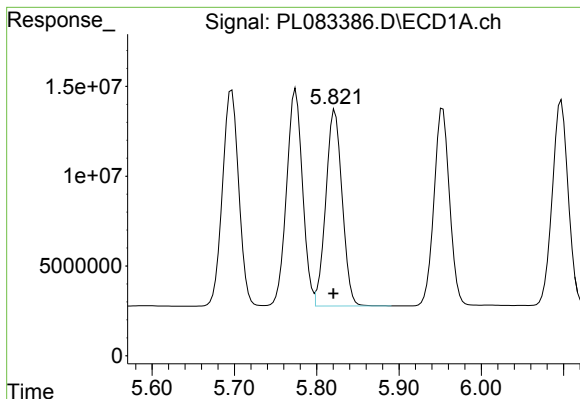
#8 Heptachlor epoxide

R.T.: 5.442 min
Delta R.T.: 0.003 min
Response: 161491165
Conc: 50.49 ng/ml



#8 Heptachlor epoxide

R.T.: 4.561 min
Delta R.T.: -0.009 min
Response: 138269889
Conc: 46.59 ng/ml m



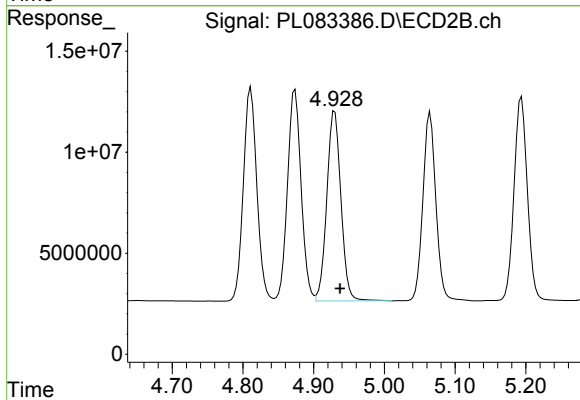
#9 Endosulfan I

R.T.: 5.822 min
Delta R.T.: 0.002 min
Response: 150935586
Conc: 50.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

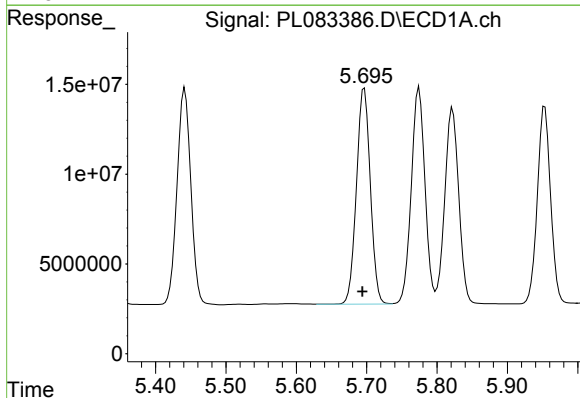
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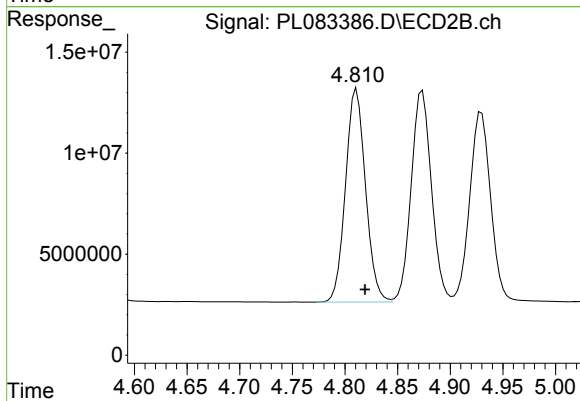
#9 Endosulfan I

R.T.: 4.930 min
Delta R.T.: -0.007 min
Response: 130380543
Conc: 46.66 ng/ml



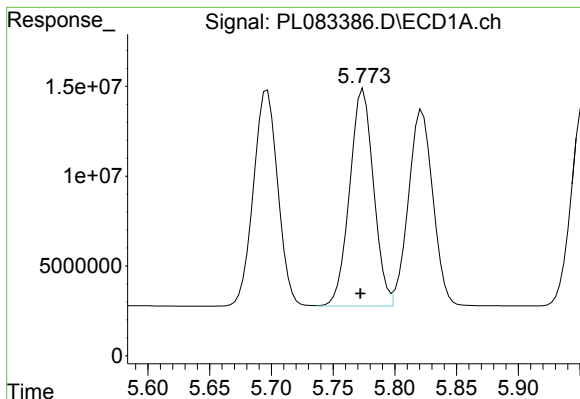
#10 gamma-Chlordane

R.T.: 5.697 min
Delta R.T.: 0.003 min
Response: 165523482
Conc: 52.10 ng/ml



#10 gamma-Chlordane

R.T.: 4.811 min
Delta R.T.: -0.008 min
Response: 140044640
Conc: 46.63 ng/ml



#11 alpha-Chlordane

R.T.: 5.774 min
Delta R.T.: 0.002 min
Response: 163105670
Conc: 50.82 ng/ml

Instrument :

ECD_L

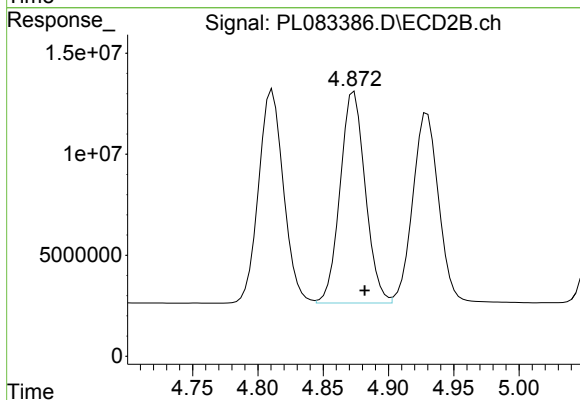
ClientSampleId :

PSTDCCC050

Manual Integrations

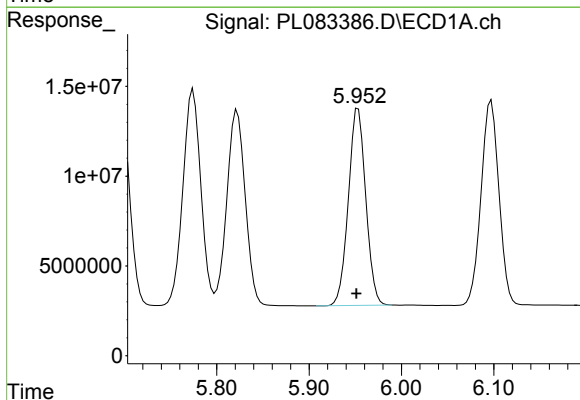
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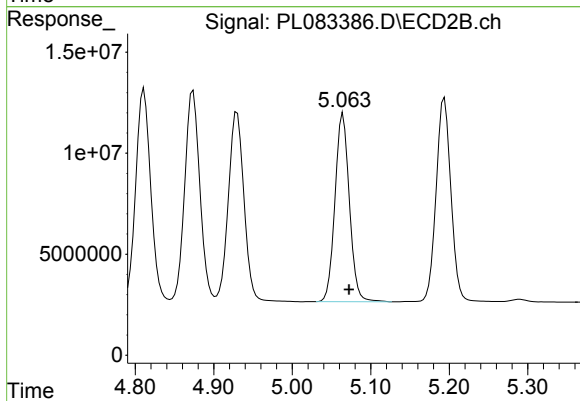
#11 alpha-Chlordane

R.T.: 4.874 min
Delta R.T.: -0.008 min
Response: 140353030
Conc: 46.75 ng/ml



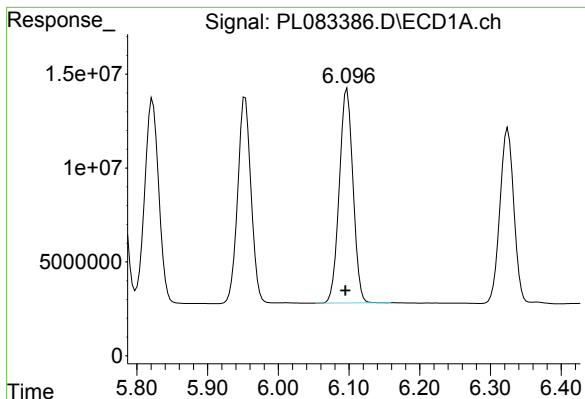
#12 4,4'-DDE

R.T.: 5.953 min
Delta R.T.: 0.002 min
Response: 143570567
Conc: 52.08 ng/ml



#12 4,4'-DDE

R.T.: 5.063 min
Delta R.T.: -0.009 min
Response: 119144785
Conc: 49.06 ng/ml m



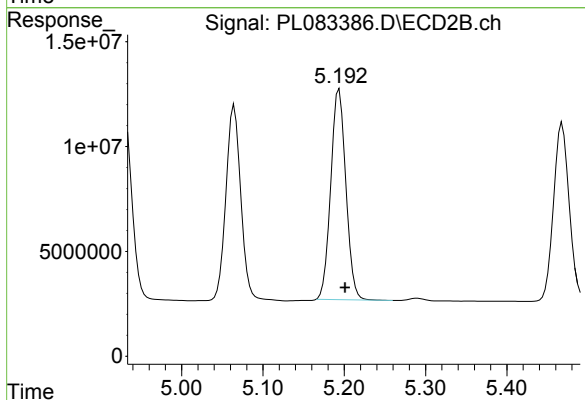
#13 Dieldrin

R.T.: 6.097 min
Delta R.T.: 0.002 min
Response: 153569041
Conc: 51.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

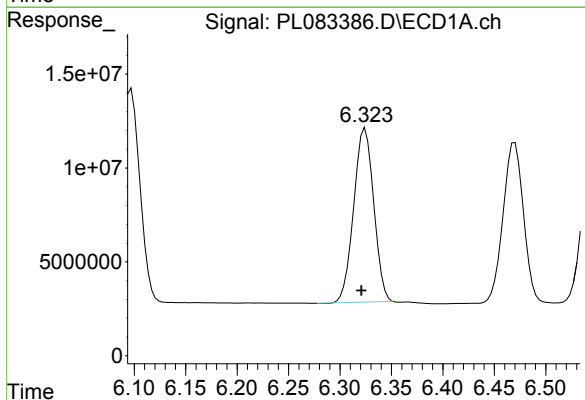
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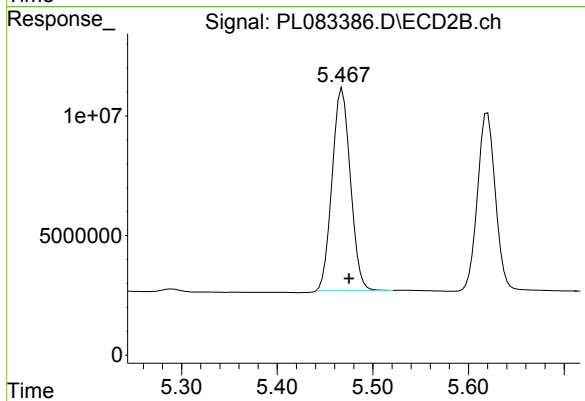
#13 Dieldrin

R.T.: 5.194 min
Delta R.T.: -0.007 min
Response: 130119702
Conc: 46.09 ng/ml



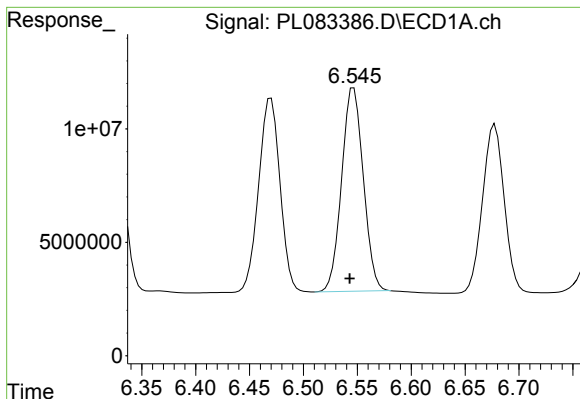
#14 Endrin

R.T.: 6.325 min
Delta R.T.: 0.004 min
Response: 125399275
Conc: 46.66 ng/ml



#14 Endrin

R.T.: 5.468 min
Delta R.T.: -0.007 min
Response: 111956623
Conc: 44.13 ng/ml



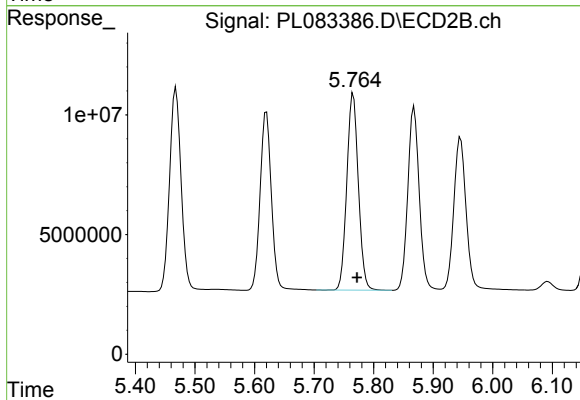
#15 Endosulfan II

R.T.: 6.547 min
Delta R.T.: 0.004 min
Response: 125439457
Conc: 47.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

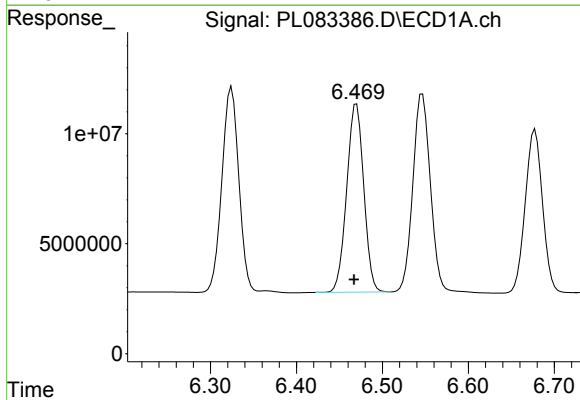
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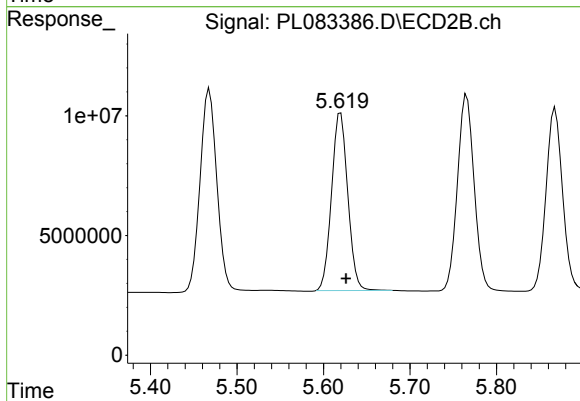
#15 Endosulfan II

R.T.: 5.766 min
Delta R.T.: -0.006 min
Response: 110609099
Conc: 44.71 ng/ml



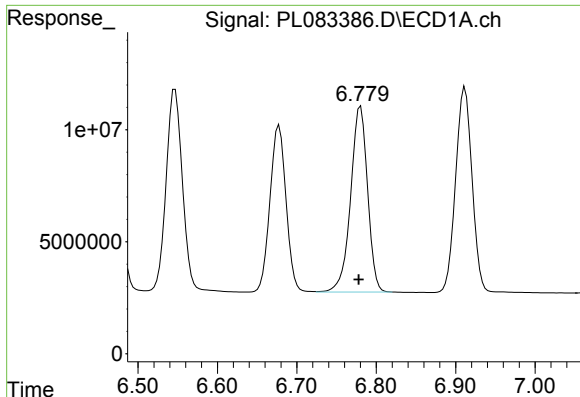
#16 4,4'-DDD

R.T.: 6.470 min
Delta R.T.: 0.003 min
Response: 118228499
Conc: 54.41 ng/ml



#16 4,4'-DDD

R.T.: 5.620 min
Delta R.T.: -0.006 min
Response: 96336712
Conc: 50.09 ng/ml



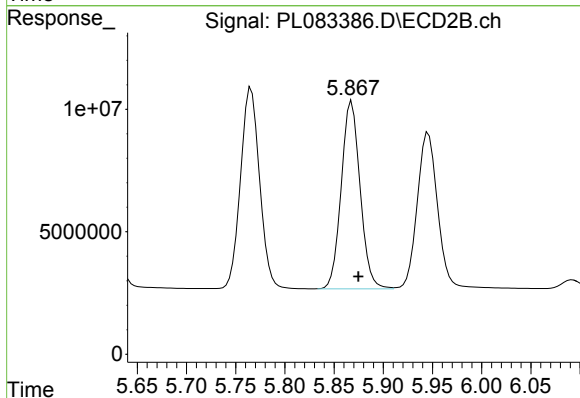
#17 4,4'-DDT

R.T.: 6.780 min
Delta R.T.: 0.002 min
Response: 122883296
Conc: 49.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

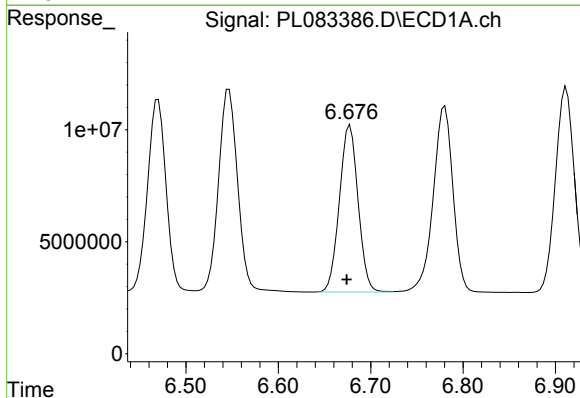
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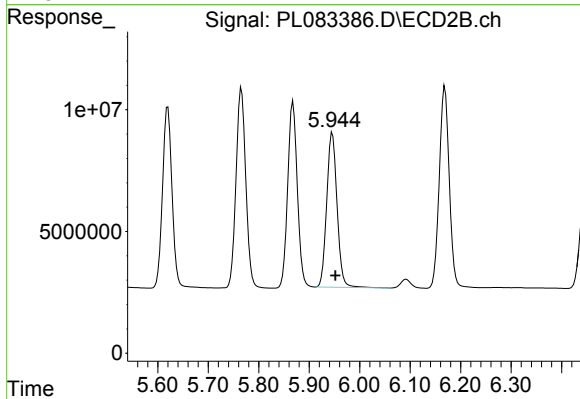
#17 4,4'-DDT

R.T.: 5.867 min
Delta R.T.: -0.008 min
Response: 102426691
Conc: 45.91 ng/ml m



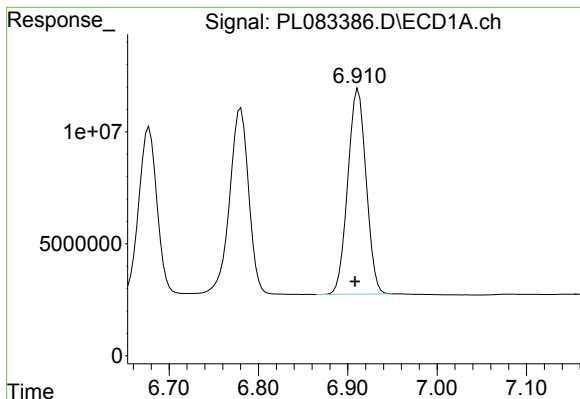
#18 Endrin aldehyde

R.T.: 6.678 min
Delta R.T.: 0.004 min
Response: 104562860
Conc: 52.00 ng/ml



#18 Endrin aldehyde

R.T.: 5.946 min
Delta R.T.: -0.006 min
Response: 90236958
Conc: 45.63 ng/ml



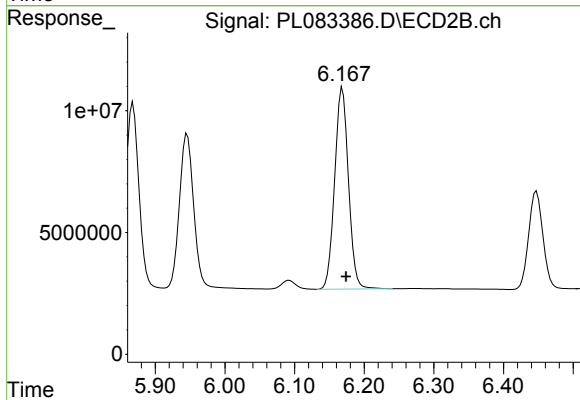
#19 Endosulfan Sulfate

R.T.: 6.912 min
Delta R.T.: 0.004 min
Response: 130817345
Conc: 51.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

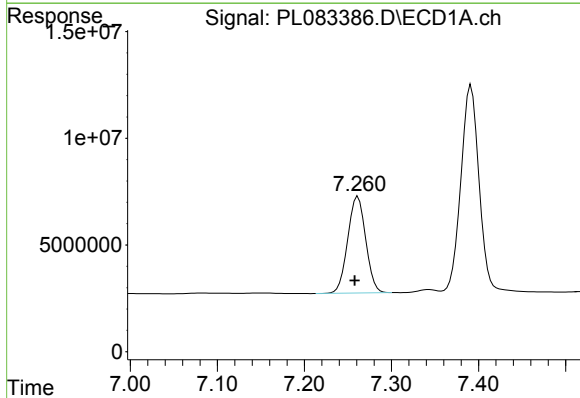
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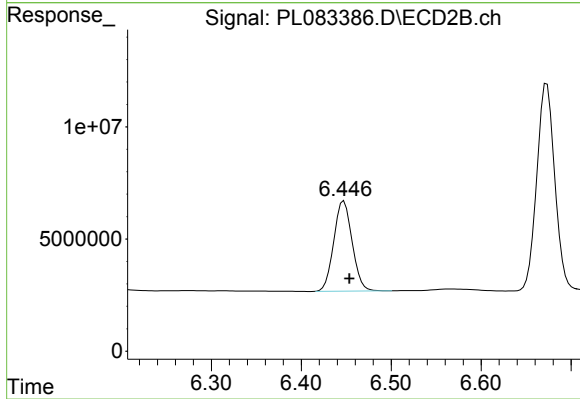
#19 Endosulfan Sulfate

R.T.: 6.169 min
Delta R.T.: -0.005 min
Response: 113990252
Conc: 46.55 ng/ml



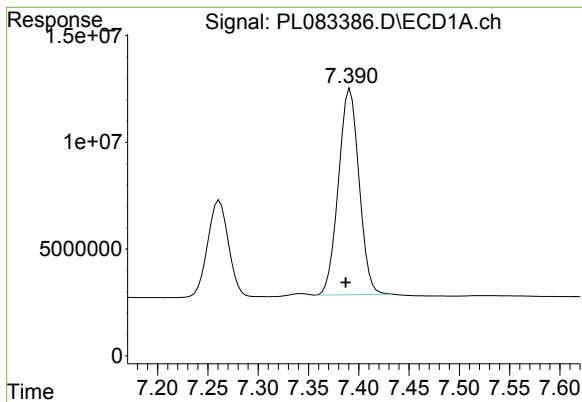
#20 Methoxychlor

R.T.: 7.261 min
Delta R.T.: 0.003 min
Response: 65146270
Conc: 49.26 ng/ml



#20 Methoxychlor

R.T.: 6.447 min
Delta R.T.: -0.006 min
Response: 57180828
Conc: 44.96 ng/ml



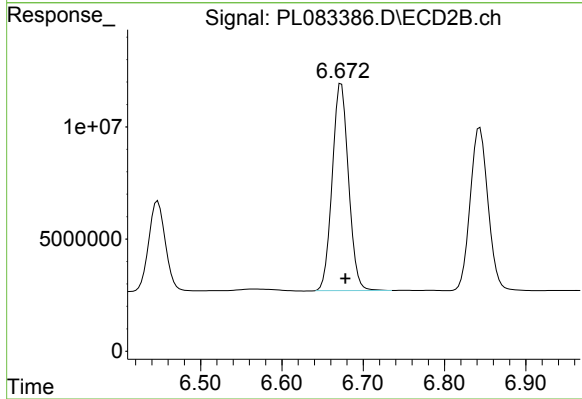
#21 Endrin ketone

R.T.: 7.390 min
Delta R.T.: 0.003 min
Response: 137463697
Conc: 53.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

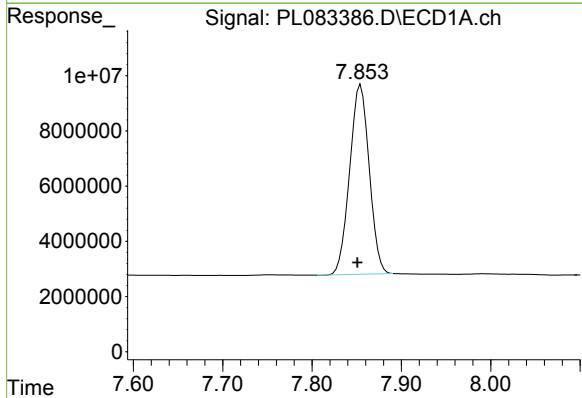
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/14/2023
Supervised By :Ankita Jodhani 06/14/2023



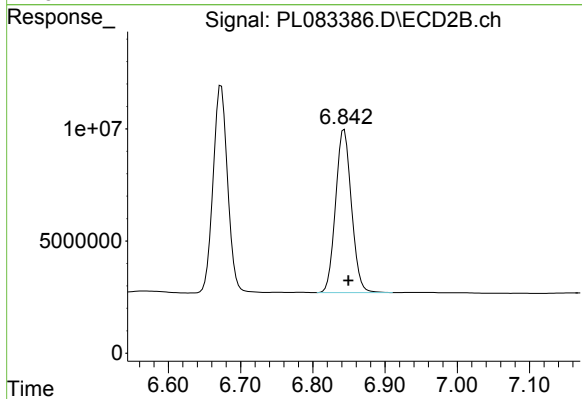
#21 Endrin ketone

R.T.: 6.673 min
Delta R.T.: -0.005 min
Response: 128600955
Conc: 47.56 ng/ml



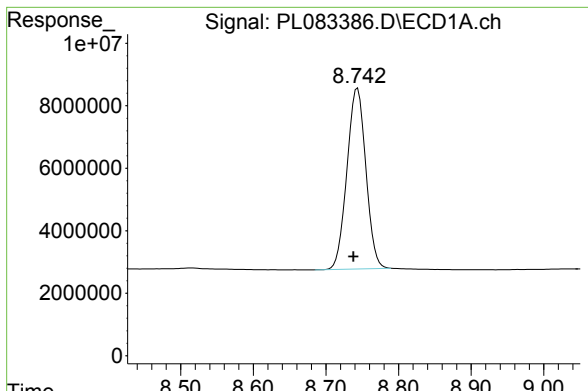
#22 Mirex

R.T.: 7.855 min
Delta R.T.: 0.004 min
Response: 104407026
Conc: 49.81 ng/ml



#22 Mirex

R.T.: 6.842 min
Delta R.T.: -0.007 min
Response: 110744738
Conc: 47.33 ng/ml m



#28 Decachlorobiphenyl

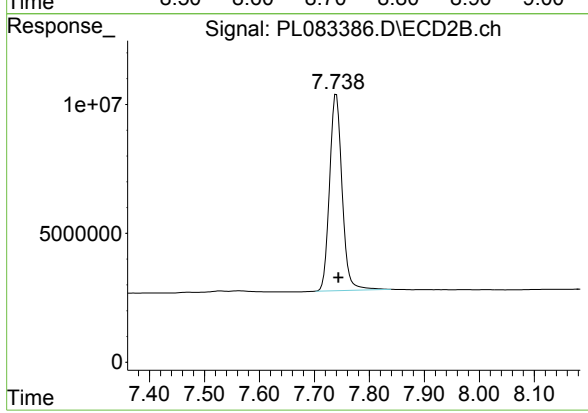
R.T.: 8.744 min
Delta R.T.: 0.006 min
Response: 104631719
Conc: 49.89 ng/ml

Instrument :
ECD_L

ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/14/2023
Supervised By :Ankita Jodhani 06/14/2023



#28 Decachlorobiphenyl

R.T.: 7.740 min
Delta R.T.: -0.004 min
Response: 120673307
Conc: 48.53 ng/ml