

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052623\
 Data File : PL083051.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 May 2023 16:38
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/30/2023
 Supervised By :Ankita Jodhani 05/30/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 26 21:51:13 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...	3.317	2.636	149.9E6	134.0E6	51.015	51.608
28)	SA Decachlor...	8.732	7.741	110.7E6	133.9E6	52.795	53.842
Target Compounds							
2)	A alpha-BHC	3.765	3.132	231.4E6	196.0E6	52.127	52.531
3)	MA gamma-BHC...	4.093	3.459	217.1E6	177.7E6	52.410	53.325
4)	MA Heptachlor	4.671	3.790	201.6E6	188.8E6	52.739	51.564
5)	MB Aldrin	5.007	4.066	187.4E6	171.2E6	53.280	52.615
6)	B beta-BHC	4.297	3.760	92504755	74473152	49.133	52.076
7)	B delta-BHC	4.538	3.984	198.3E6	176.7E6	57.653	53.918
8)	B Heptachlo...	5.434	4.567	170.7E6	156.1E6	53.351	52.588
9)	A Endosulfan I	5.814	4.933	159.3E6	146.4E6	53.081	52.405
10)	B gamma-Chl...	5.689	4.815	173.1E6	157.0E6	54.487	52.271
11)	B alpha-Chl...	5.766	4.878	170.3E6	157.1E6	53.070	52.326
12)	B 4,4'-DDE	5.945	5.069	149.7E6	132.4E6	54.294	54.530
13)	MA Dieldrin	6.089	5.197	161.0E6	150.0E6	53.519	53.121
14)	MA Endrin	6.316	5.472	143.0E6	130.6E6	53.207	51.486
15)	B Endosulfa...	6.538	5.769	137.6E6	126.0E6	52.235	50.922
16)	A 4,4'-DDD	6.461	5.623	119.8E6	103.7E6	55.139	53.894
17)	MA 4,4'-DDT	6.772	5.871	132.8E6	118.1E6	53.064	52.921
18)	B Endrin al...	6.667	5.949	107.6E6	102.0E6	53.511m	51.567
19)	B Endosulfa...	6.902	6.172	137.1E6	128.5E6	53.464	52.467
20)	A Methoxychlor	7.252	6.450	71694813	66848849	54.216	52.565
21)	B Endrin ke...	7.382	6.676	140.4E6	143.7E6	55.047	53.162
22)	Mirex	7.846	6.846	109.7E6	121.7E6	52.314	52.028

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052623\
Data File : PL083051.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 May 2023 16:38
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

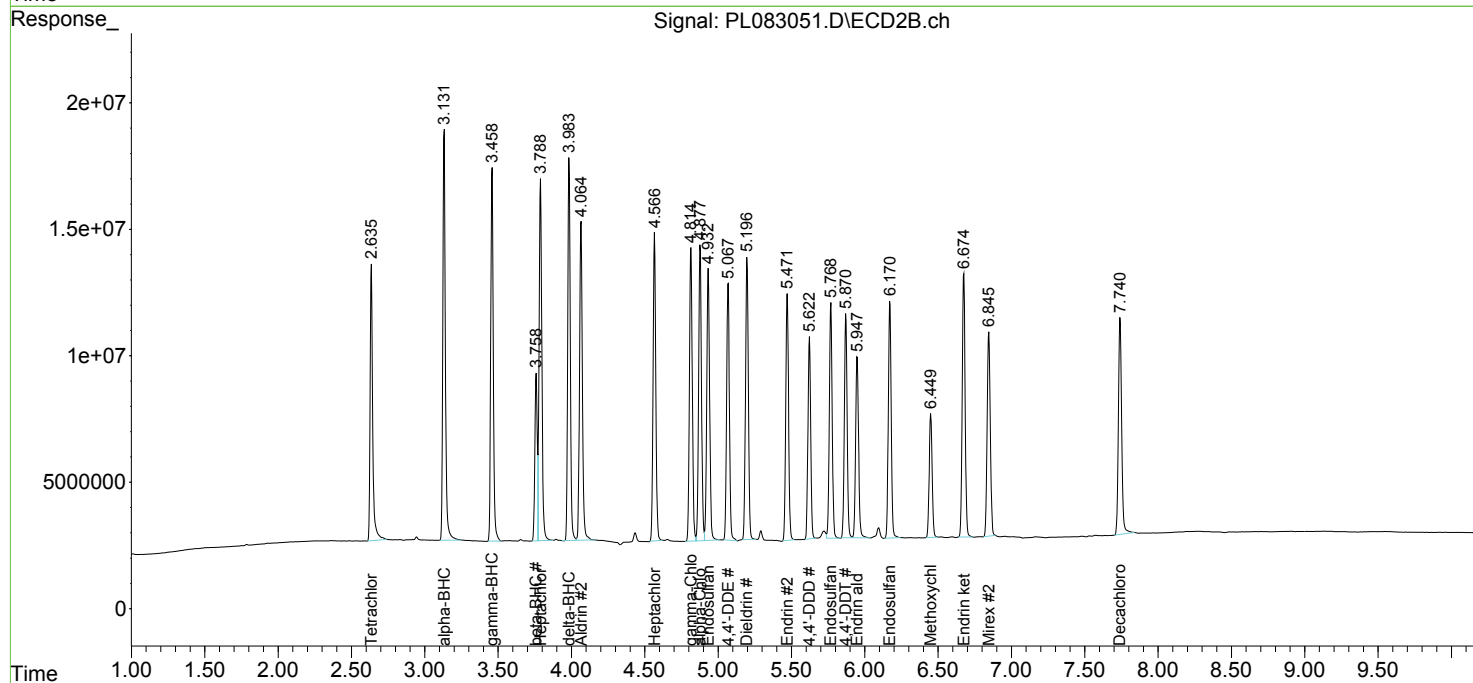
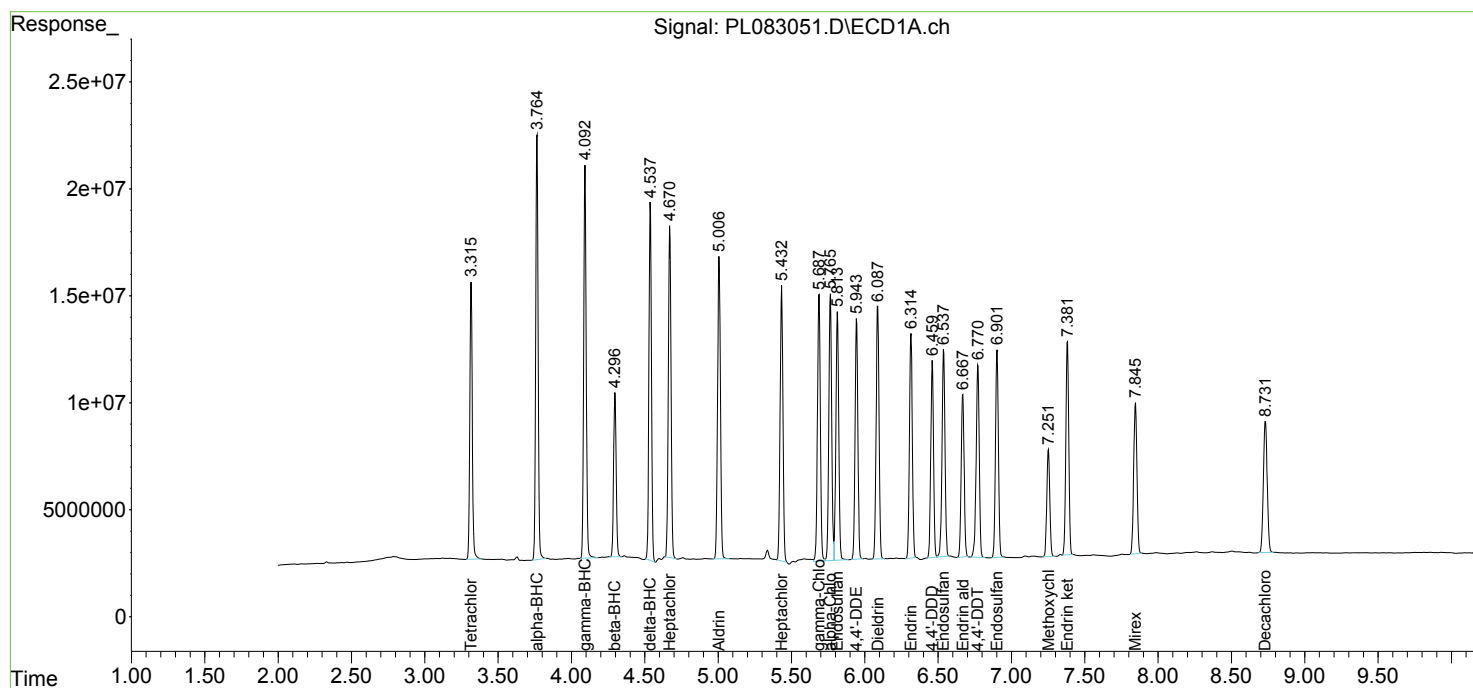
APPROVED

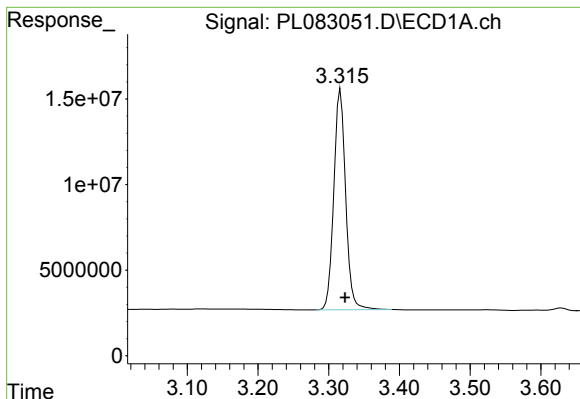
Reviewed By :Abdul Mirza 05/30/2023

Supervised By :Ankita Jodhani 05/30/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 26 21:51:13 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





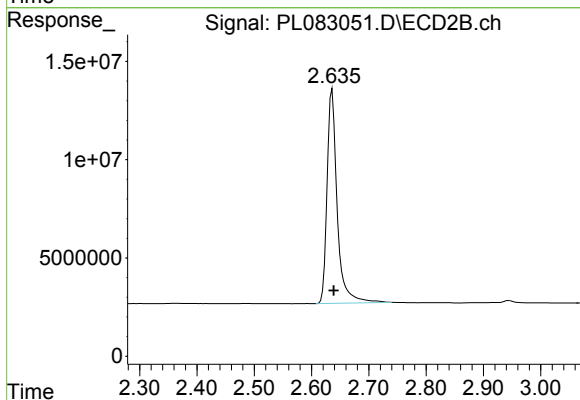
#1 Tetrachloro-m-xylene

R.T.: 3.317 min
Delta R.T.: -0.006 min
Response: 149934491
Conc: 51.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

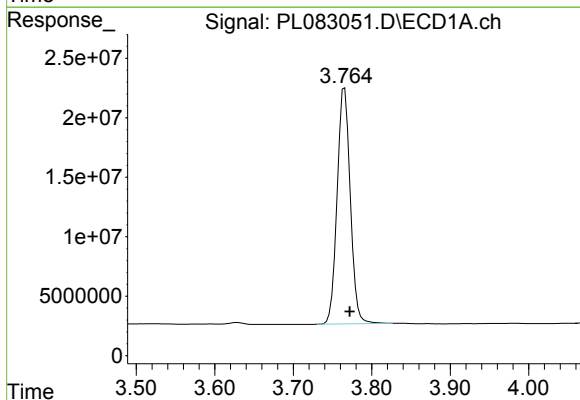
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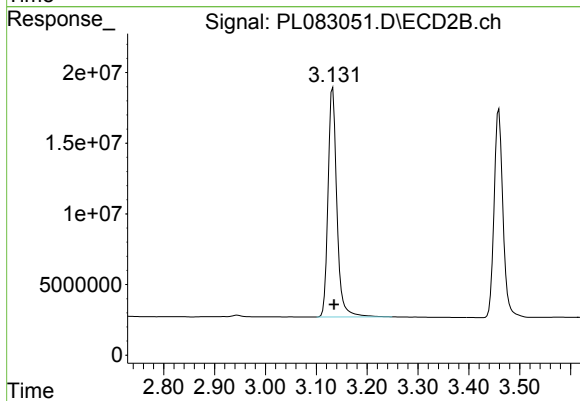
#1 Tetrachloro-m-xylene

R.T.: 2.636 min
Delta R.T.: -0.003 min
Response: 133978689
Conc: 51.61 ng/ml



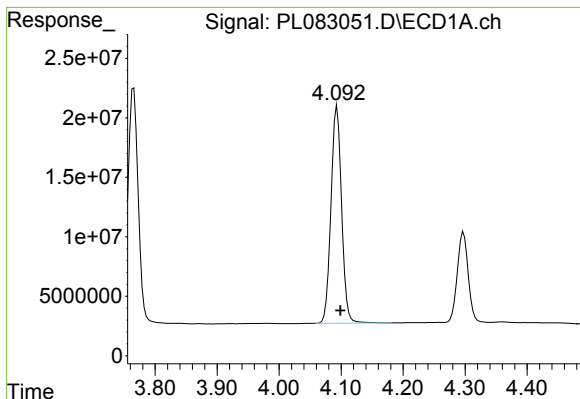
#2 alpha-BHC

R.T.: 3.765 min
Delta R.T.: -0.007 min
Response: 231405591
Conc: 52.13 ng/ml



#2 alpha-BHC

R.T.: 3.132 min
Delta R.T.: -0.003 min
Response: 196018249
Conc: 52.53 ng/ml



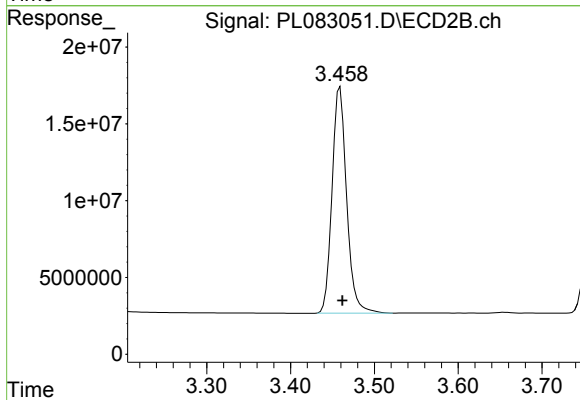
#3 gamma-BHC (Lindane)

R.T.: 4.093 min
Delta R.T.: -0.006 min
Response: 217129756
Conc: 52.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

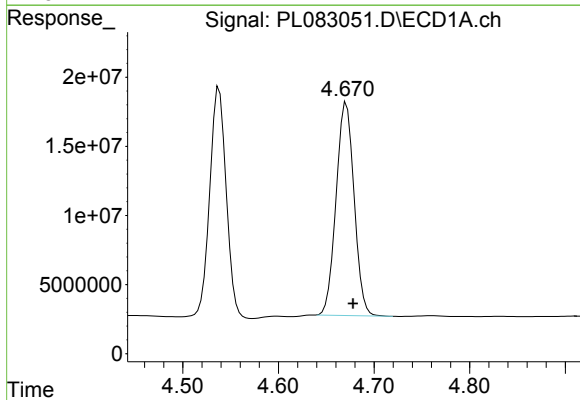
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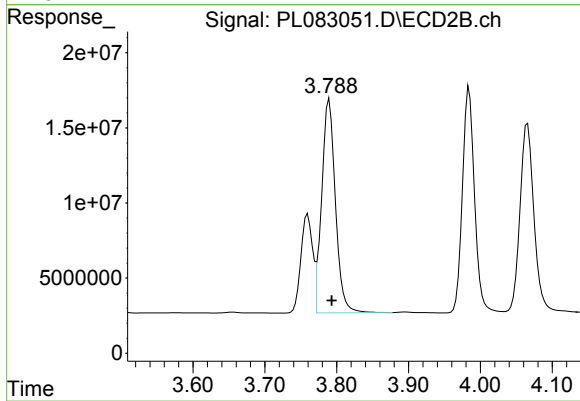
#3 gamma-BHC (Lindane)

R.T.: 3.459 min
Delta R.T.: -0.003 min
Response: 177746975
Conc: 53.32 ng/ml



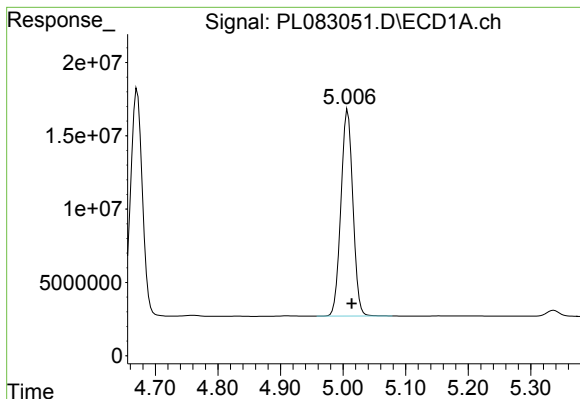
#4 Heptachlor

R.T.: 4.671 min
Delta R.T.: -0.007 min
Response: 201593153
Conc: 52.74 ng/ml



#4 Heptachlor

R.T.: 3.790 min
Delta R.T.: -0.003 min
Response: 188778857
Conc: 51.56 ng/ml



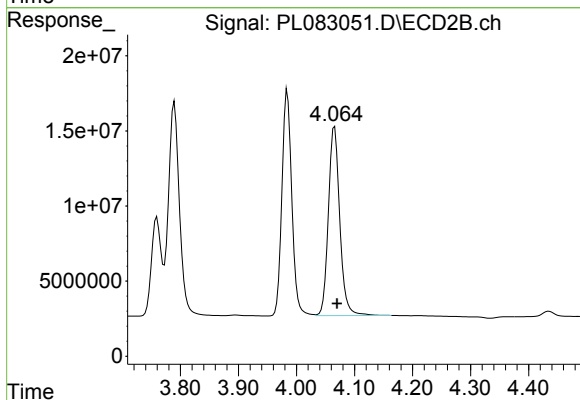
#5 Aldrin

R.T.: 5.007 min
Delta R.T.: -0.007 min
Response: 187444344
Conc: 53.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

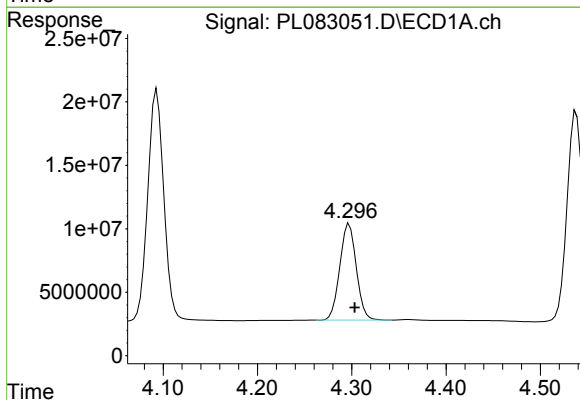
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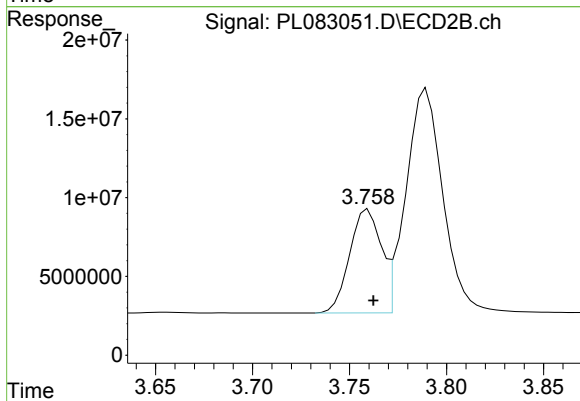
#5 Aldrin

R.T.: 4.066 min
Delta R.T.: -0.004 min
Response: 171189755
Conc: 52.62 ng/ml



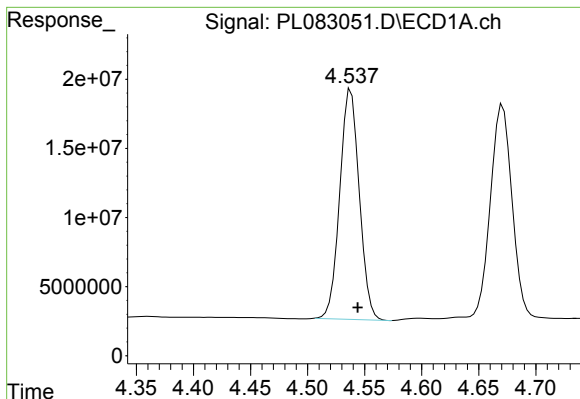
#6 beta-BHC

R.T.: 4.297 min
Delta R.T.: -0.006 min
Response: 92504755
Conc: 49.13 ng/ml



#6 beta-BHC

R.T.: 3.760 min
Delta R.T.: -0.003 min
Response: 74473152
Conc: 52.08 ng/ml



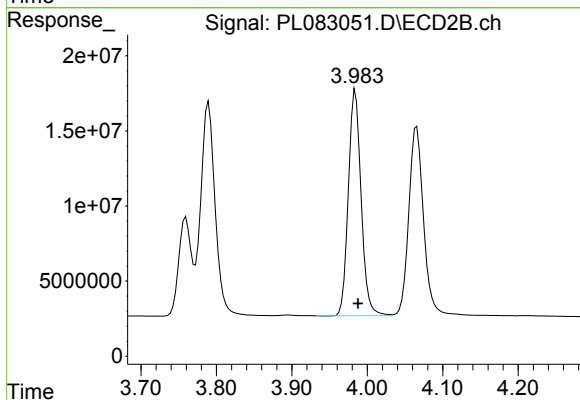
#7 delta-BHC

R.T.: 4.538 min
Delta R.T.: -0.006 min
Response: 198264430
Conc: 57.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

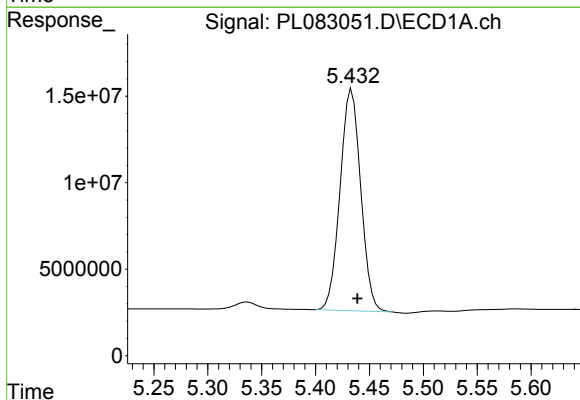
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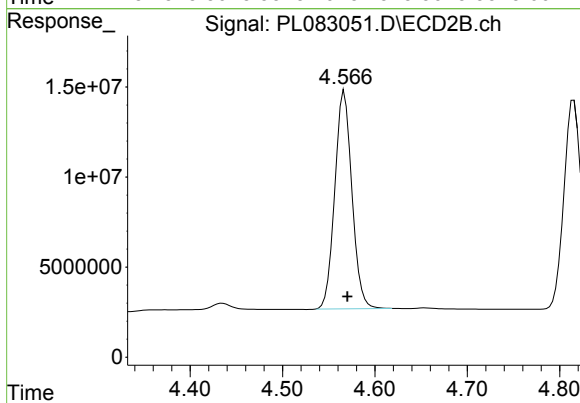
#7 delta-BHC

R.T.: 3.984 min
Delta R.T.: -0.004 min
Response: 176659886
Conc: 53.92 ng/ml



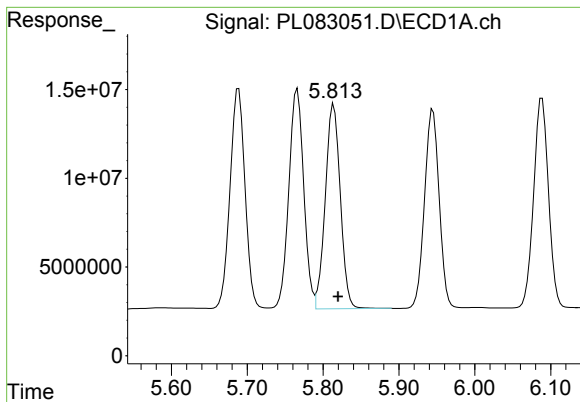
#8 Heptachlor epoxide

R.T.: 5.434 min
Delta R.T.: -0.005 min
Response: 170654702
Conc: 53.35 ng/ml



#8 Heptachlor epoxide

R.T.: 4.567 min
Delta R.T.: -0.003 min
Response: 156074504
Conc: 52.59 ng/ml



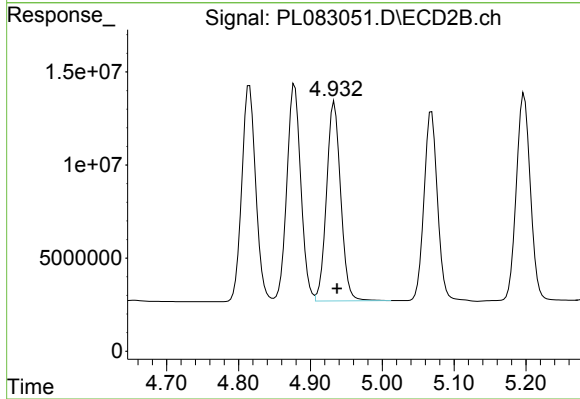
#9 Endosulfan I

R.T.: 5.814 min
Delta R.T.: -0.006 min
Response: 159272751
Conc: 53.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

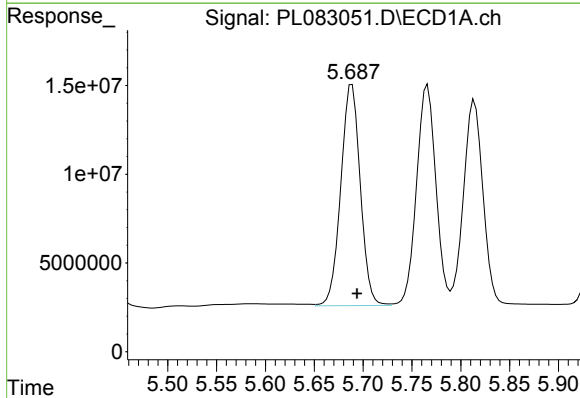
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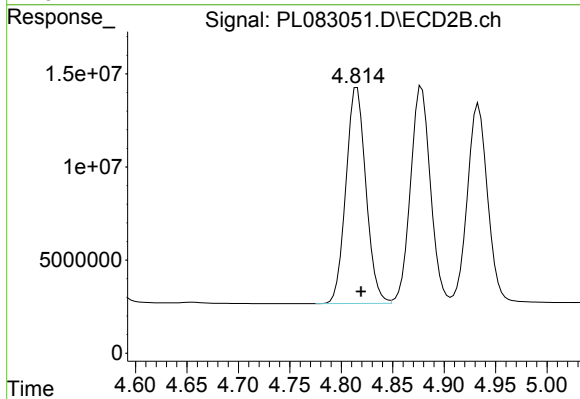
#9 Endosulfan I

R.T.: 4.933 min
Delta R.T.: -0.004 min
Response: 146439902
Conc: 52.41 ng/ml



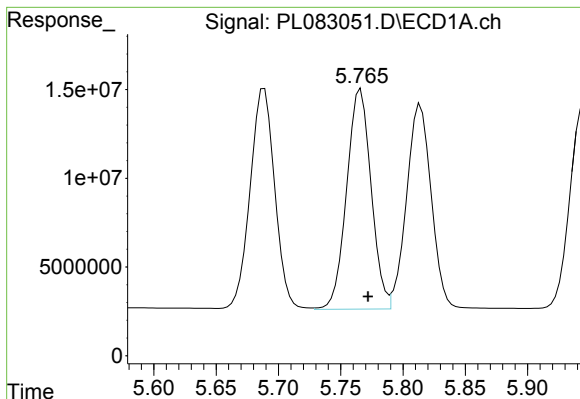
#10 gamma-Chlordane

R.T.: 5.689 min
Delta R.T.: -0.005 min
Response: 173103904
Conc: 54.49 ng/ml



#10 gamma-Chlordane

R.T.: 4.815 min
Delta R.T.: -0.004 min
Response: 156991490
Conc: 52.27 ng/ml



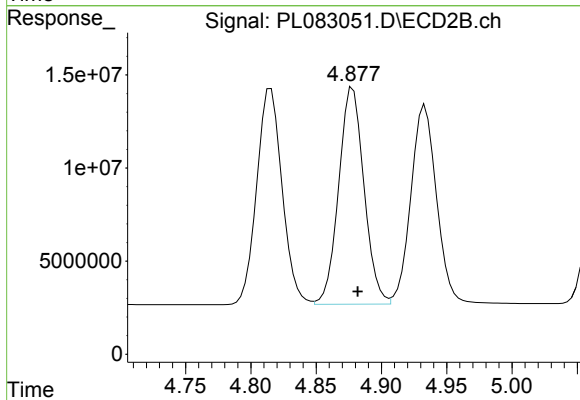
#11 alpha-Chlordane

R.T.: 5.766 min
Delta R.T.: -0.006 min
Response: 170316471
Conc: 53.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

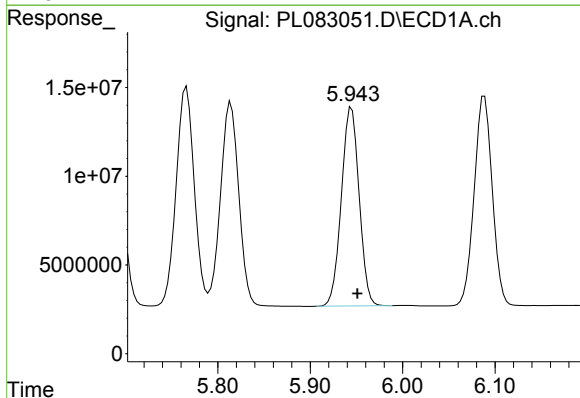
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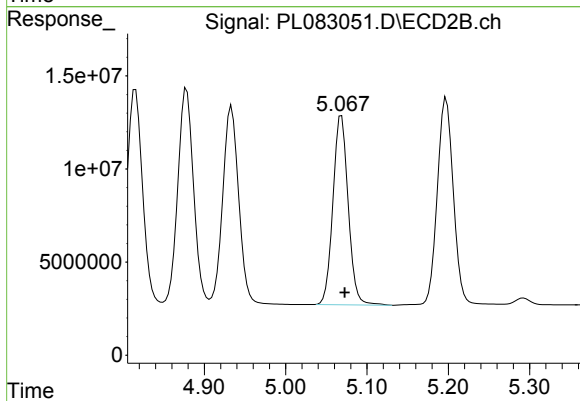
#11 alpha-Chlordane

R.T.: 4.878 min
Delta R.T.: -0.004 min
Response: 157082257
Conc: 52.33 ng/ml



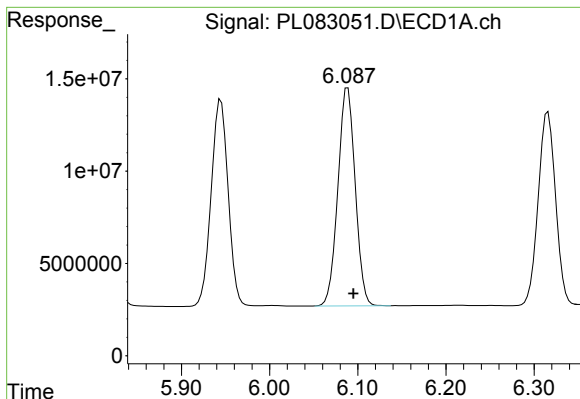
#12 4,4'-DDE

R.T.: 5.945 min
Delta R.T.: -0.006 min
Response: 149661699
Conc: 54.29 ng/ml



#12 4,4'-DDE

R.T.: 5.069 min
Delta R.T.: -0.004 min
Response: 132439658
Conc: 54.53 ng/ml



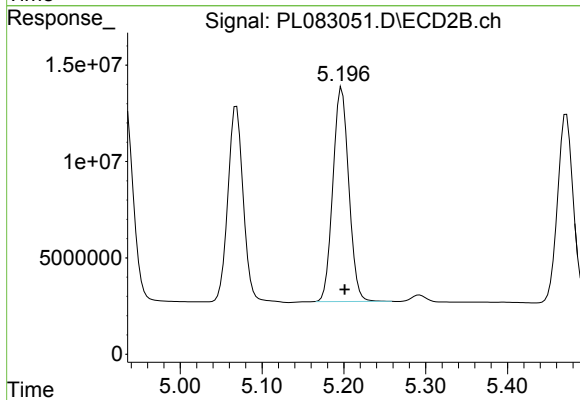
#13 Dieldrin

R.T.: 6.089 min
Delta R.T.: -0.006 min
Response: 160978444
Conc: 53.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

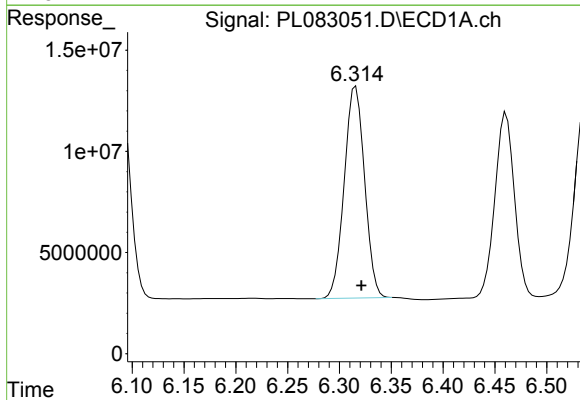
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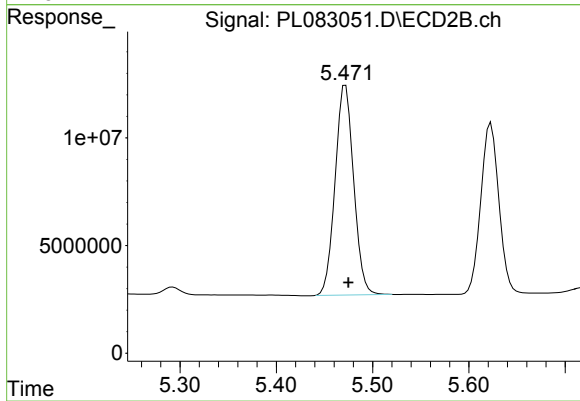
#13 Dieldrin

R.T.: 5.197 min
Delta R.T.: -0.004 min
Response: 149957678
Conc: 53.12 ng/ml



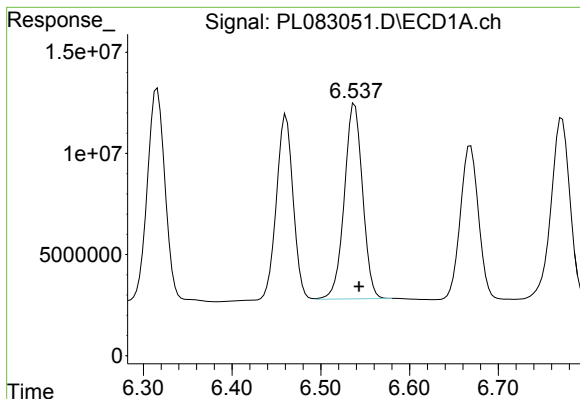
#14 Endrin

R.T.: 6.316 min
Delta R.T.: -0.005 min
Response: 142980902
Conc: 53.21 ng/ml



#14 Endrin

R.T.: 5.472 min
Delta R.T.: -0.003 min
Response: 130617982
Conc: 51.49 ng/ml



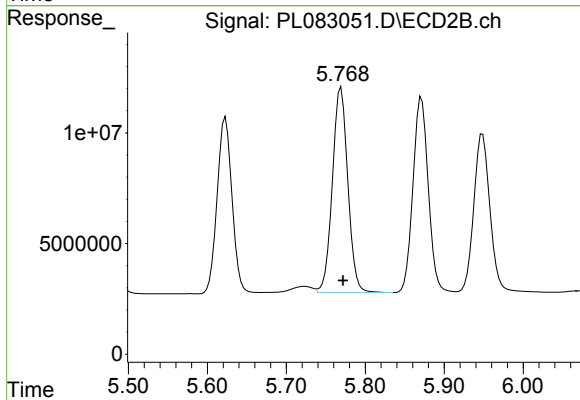
#15 Endosulfan II

R.T.: 6.538 min
Delta R.T.: -0.005 min
Response: 137623738
Conc: 52.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

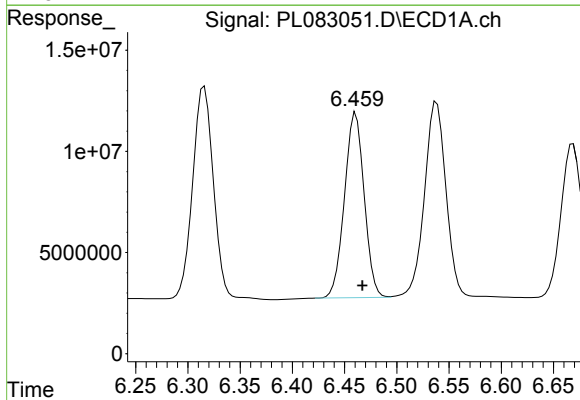
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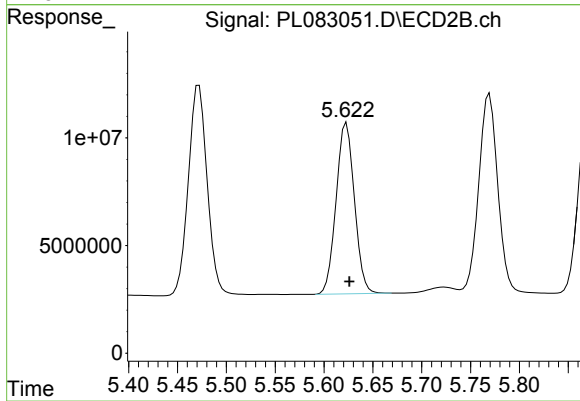
#15 Endosulfan II

R.T.: 5.769 min
Delta R.T.: -0.003 min
Response: 125990977
Conc: 50.92 ng/ml



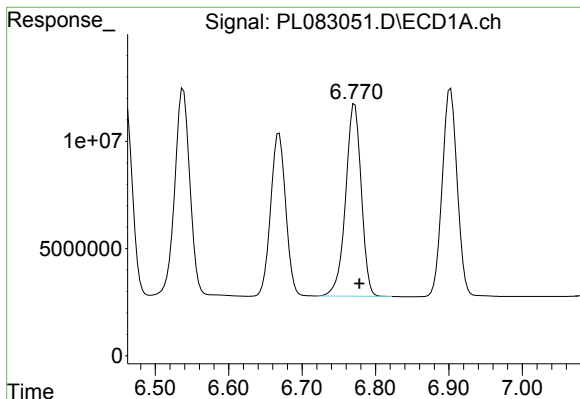
#16 4,4'-DDD

R.T.: 6.461 min
Delta R.T.: -0.006 min
Response: 119821209
Conc: 55.14 ng/ml



#16 4,4'-DDD

R.T.: 5.623 min
Delta R.T.: -0.003 min
Response: 103651117
Conc: 53.89 ng/ml



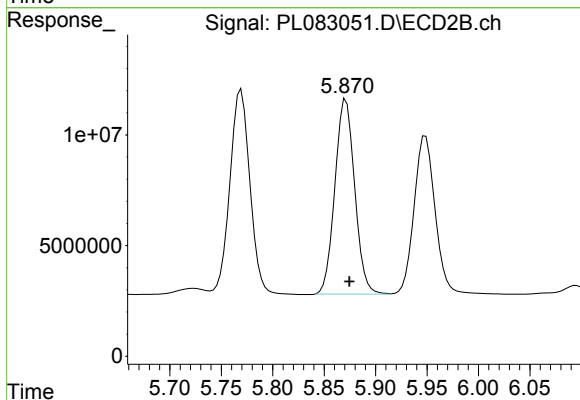
#17 4,4'-DDT

R.T.: 6.772 min
Delta R.T.: -0.006 min
Response: 132828589
Conc: 53.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

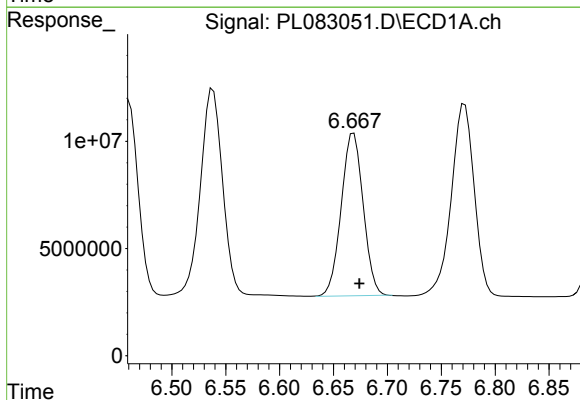
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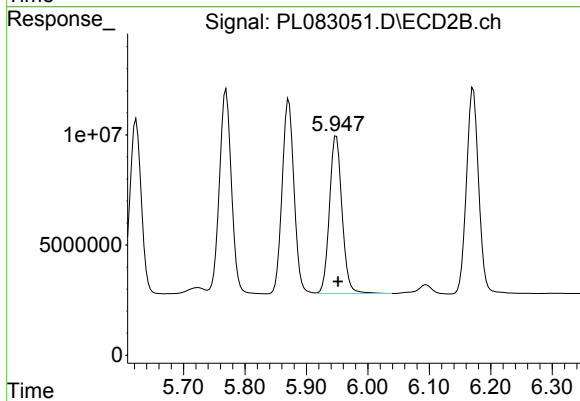
#17 4,4'-DDT

R.T.: 5.871 min
Delta R.T.: -0.003 min
Response: 118068796
Conc: 52.92 ng/ml



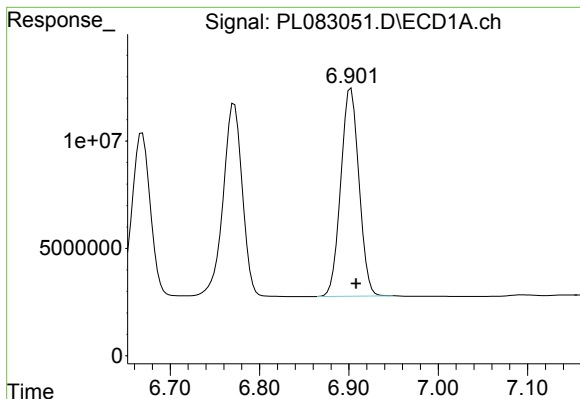
#18 Endrin aldehyde

R.T.: 6.667 min
Delta R.T.: -0.007 min
Response: 107591222
Conc: 53.51 ng/ml m



#18 Endrin aldehyde

R.T.: 5.949 min
Delta R.T.: -0.003 min
Response: 101971751
Conc: 51.57 ng/ml



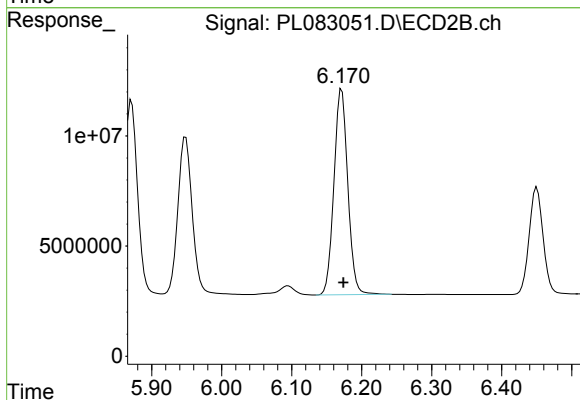
#19 Endosulfan Sulfate

R.T.: 6.902 min
Delta R.T.: -0.006 min
Response: 137067068
Conc: 53.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

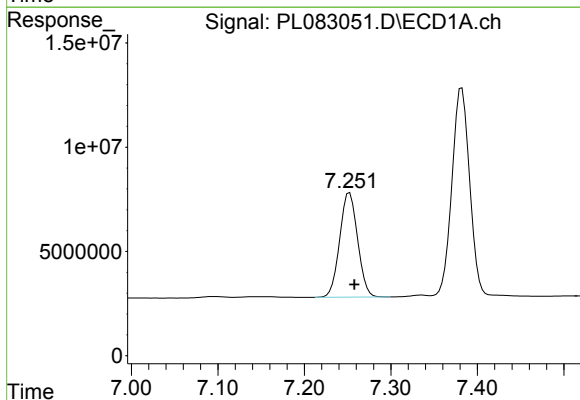
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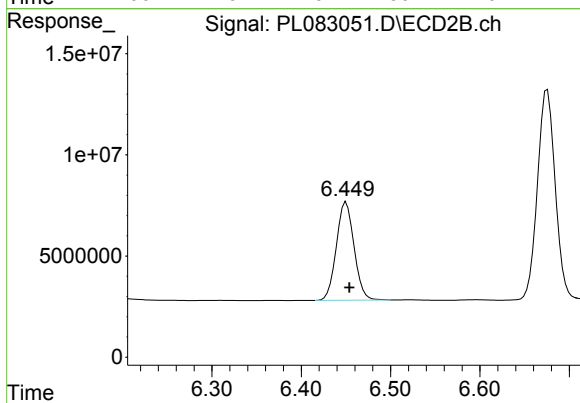
#19 Endosulfan Sulfate

R.T.: 6.172 min
Delta R.T.: -0.003 min
Response: 128490022
Conc: 52.47 ng/ml



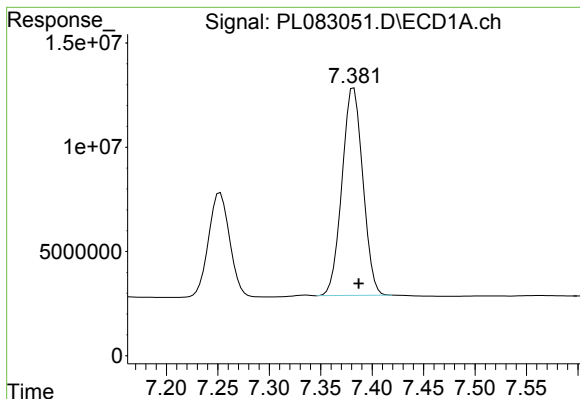
#20 Methoxychlor

R.T.: 7.252 min
Delta R.T.: -0.006 min
Response: 71694813
Conc: 54.22 ng/ml



#20 Methoxychlor

R.T.: 6.450 min
Delta R.T.: -0.003 min
Response: 66848849
Conc: 52.56 ng/ml



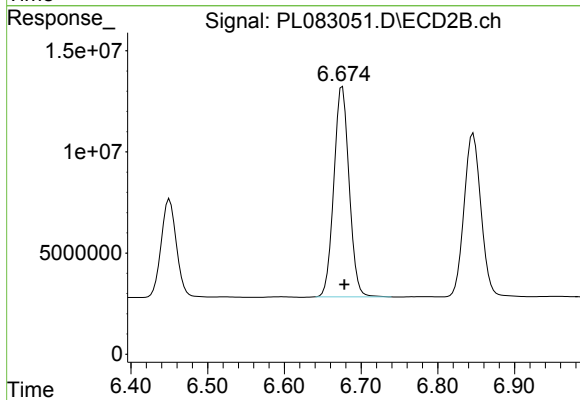
#21 Endrin ketone

R.T.: 7.382 min
Delta R.T.: -0.005 min
Response: 140413858
Conc: 55.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

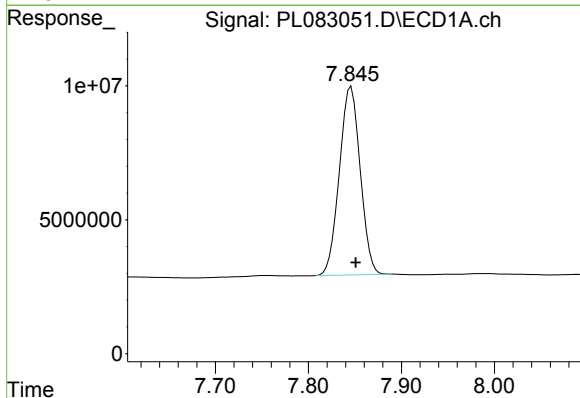
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/30/2023
Supervised By :Ankita Jodhani 05/30/2023



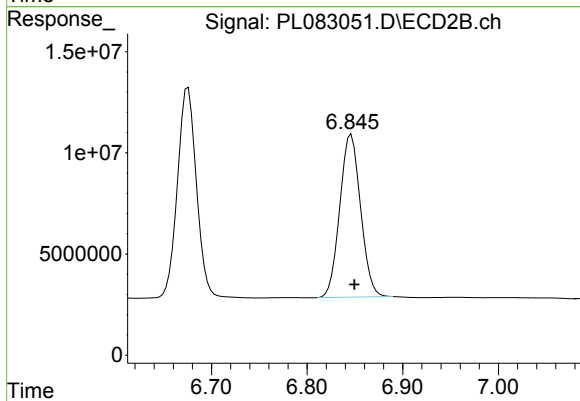
#21 Endrin ketone

R.T.: 6.676 min
Delta R.T.: -0.003 min
Response: 143741053
Conc: 53.16 ng/ml



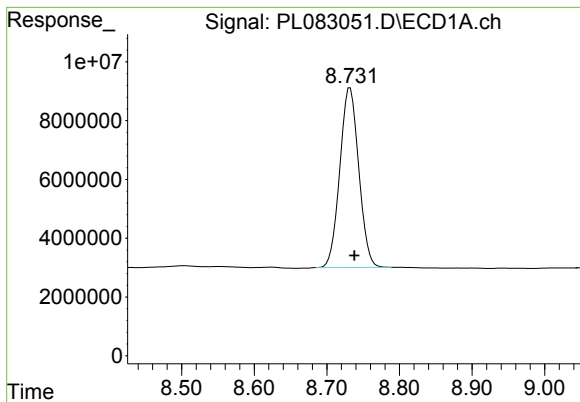
#22 Mirex

R.T.: 7.846 min
Delta R.T.: -0.005 min
Response: 109652253
Conc: 52.31 ng/ml



#22 Mirex

R.T.: 6.846 min
Delta R.T.: -0.003 min
Response: 121737115
Conc: 52.03 ng/ml



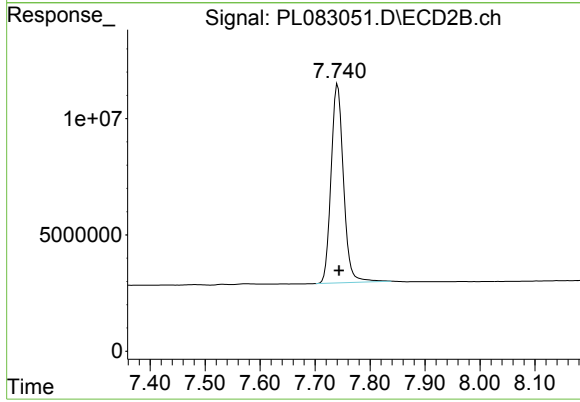
#28 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: -0.006 min
Response: 110728224
Conc: 52.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.741 min
Delta R.T.: -0.002 min
Response: 133880868
Conc: 53.84 ng/ml