

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052623\
 Data File : PL083073.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 May 2023 22:45
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 5 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 27 06:08:19 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...	3.315	2.636	134.5E6	121.3E6	45.776	46.716
28)	SA Decachlor...	8.729	7.738	101.7E6	124.4E6	48.489	50.039
Target Compounds							
2)	A alpha-BHC	3.764	3.131	209.2E6	177.6E6	47.135	47.600
3)	MA gamma-BHC...	4.092	3.458	194.4E6	166.1E6	46.929	49.828
4)	MA Heptachlor	4.669	3.788	174.3E6	165.2E6	45.596	45.136
5)	MB Aldrin	5.006	4.064	173.6E6	164.6E6	49.356	50.603
6)	B beta-BHC	4.296	3.758	85820315	70175569	45.583	49.071
7)	B delta-BHC	4.536	3.983	190.9E6	164.9E6	55.522	50.323
8)	B Heptachlo...	5.432	4.565	162.3E6	145.6E6	50.737	49.055
9)	A Endosulfan I	5.811	4.932	145.4E6	123.0E6	48.463m	44.001
10)	B gamma-Chl...	5.685	4.814	159.5E6	147.7E6	50.199m	49.189
11)	B alpha-Chl...	5.763	4.876	158.9E6	146.0E6	49.526m	48.628
12)	B 4,4'-DDE	5.943	5.065	135.2E6	126.1E6	49.048	51.930m
13)	MA Dieldrin	6.087	5.195	146.4E6	138.2E6	48.676	48.939
14)	MA Endrin	6.314	5.470	128.3E6	125.5E6	47.730	49.457
15)	B Endosulfa...	6.536	5.766	122.3E6	117.8E6	45.880	47.593
16)	A 4,4'-DDD	6.458	5.621	111.6E6	102.2E6	51.373	53.115
17)	MA 4,4'-DDT	6.769	5.869	118.2E6	108.8E6	47.224	48.770
18)	B Endrin al...	6.664	5.946	97503825	94257187	48.494m	47.666
19)	B Endosulfa...	6.900	6.169	126.2E6	120.3E6	49.236	49.141
20)	A Methoxychlor	7.250	6.448	64793692	61351248	48.998	48.242
21)	B Endrin ke...	7.380	6.671	128.9E6	131.6E6	50.515	48.683m
22)	Mirex	7.843	6.843	100.6E6	112.5E6	48.019	48.095

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052623\
 Data File : PL083073.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 May 2023 22:45
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

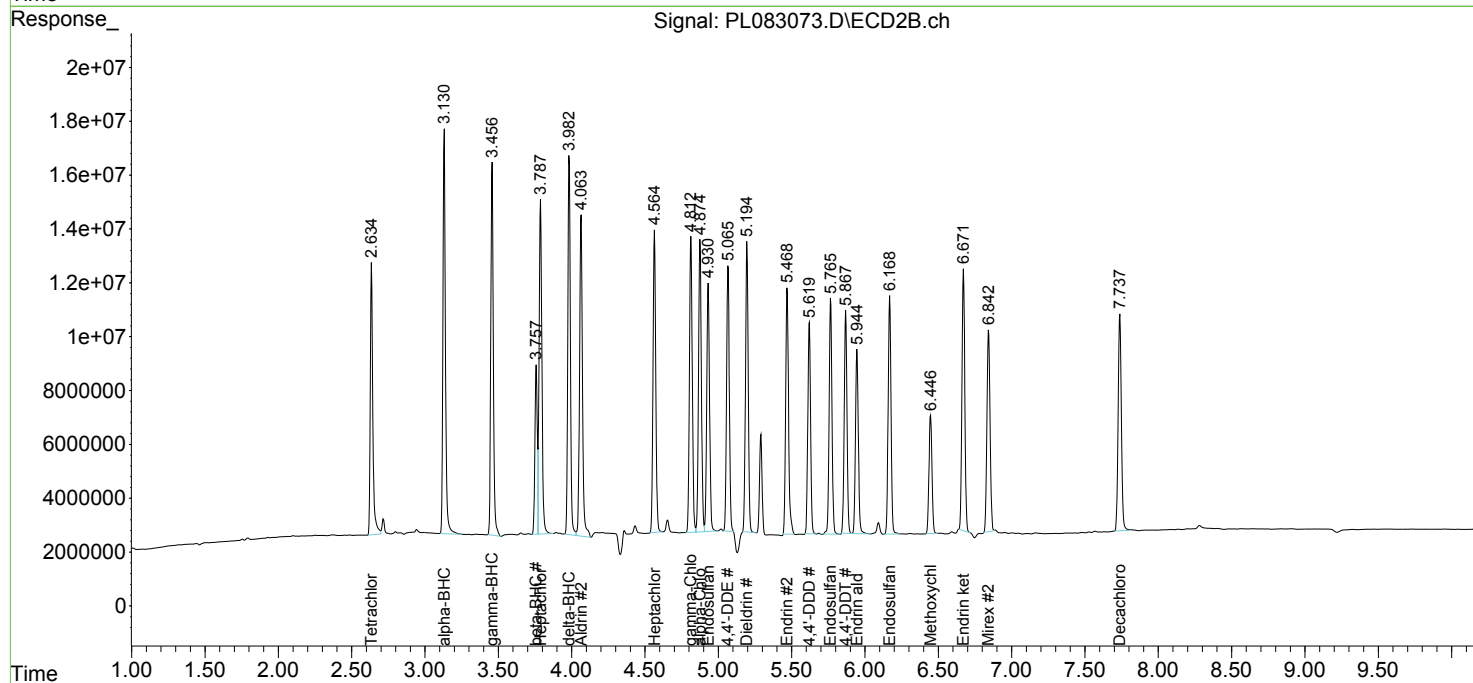
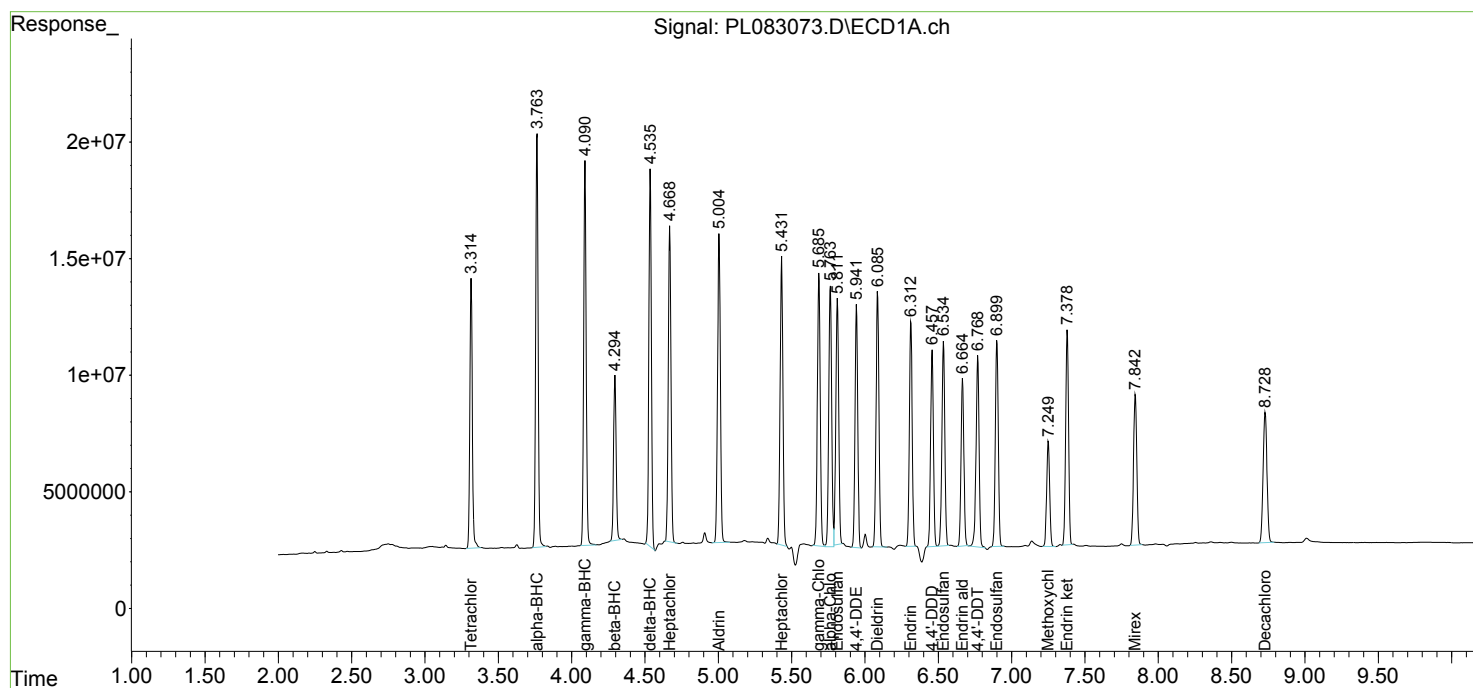
APPROVED

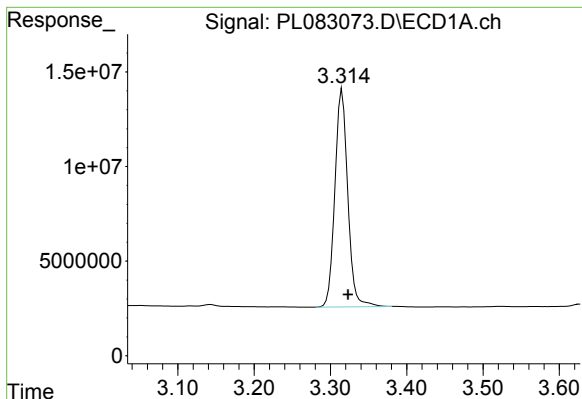
Reviewed By :Abdul Mirza 05/30/2023

Supervised By :Ankita Jodhani 05/30/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 27 06:08:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 04:58:53 2023
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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.: 3.315 min
Delta R.T.: -0.008 min
Response: 134537175
Conc: 45.78 ng/ml

Instrument :

ECD_L

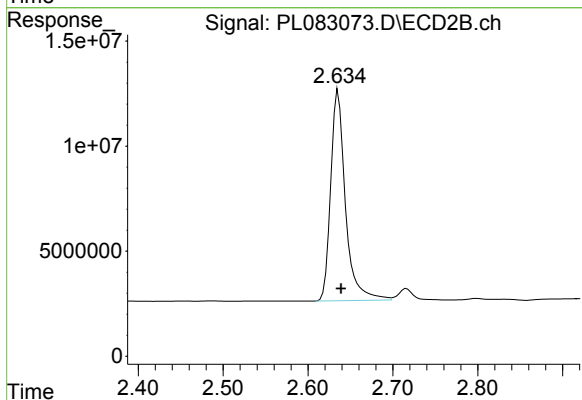
ClientSampleId :

PSTDCCC050

Manual Integrations

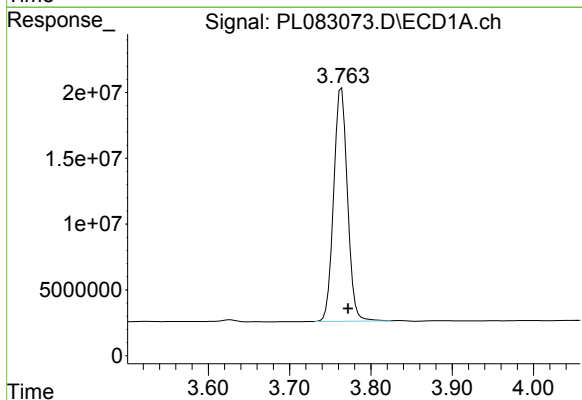
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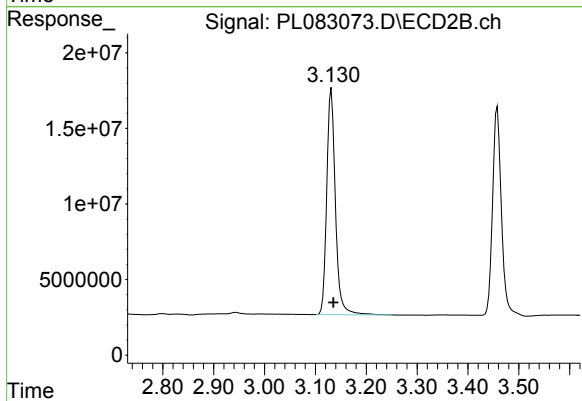
#1 Tetrachloro-m-xylene

R.T.: 2.636 min
Delta R.T.: -0.003 min
Response: 121277888
Conc: 46.72 ng/ml



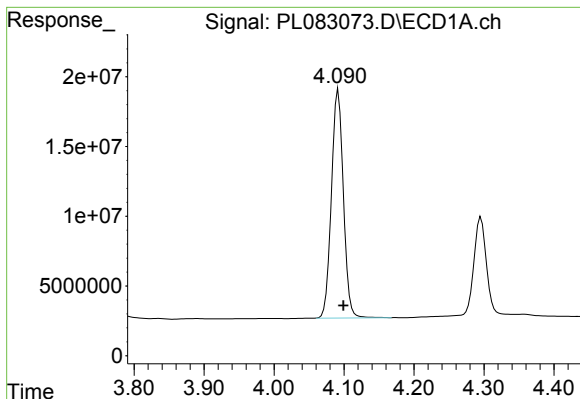
#2 alpha-BHC

R.T.: 3.764 min
Delta R.T.: -0.008 min
Response: 209244336
Conc: 47.14 ng/ml



#2 alpha-BHC

R.T.: 3.131 min
Delta R.T.: -0.004 min
Response: 177618300
Conc: 47.60 ng/ml



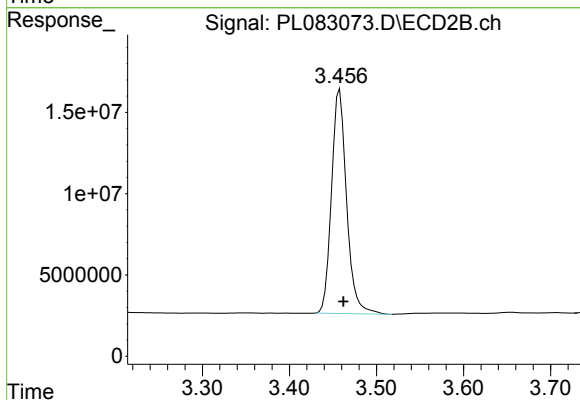
#3 gamma-BHC (Lindane)

R.T.: 4.092 min
Delta R.T.: -0.007 min
Response: 194421375
Conc: 46.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

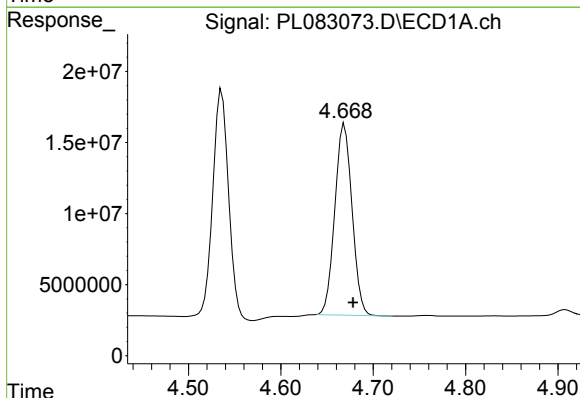
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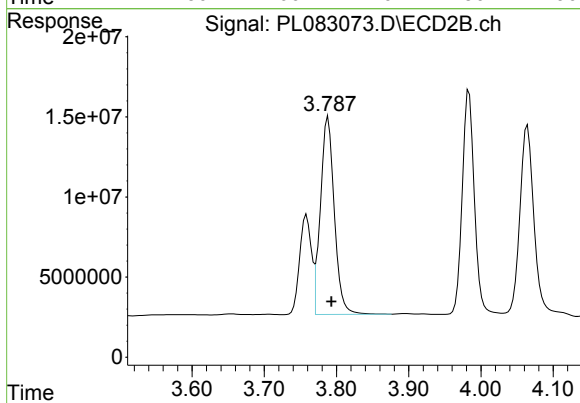
#3 gamma-BHC (Lindane)

R.T.: 3.458 min
Delta R.T.: -0.004 min
Response: 166090154
Conc: 49.83 ng/ml



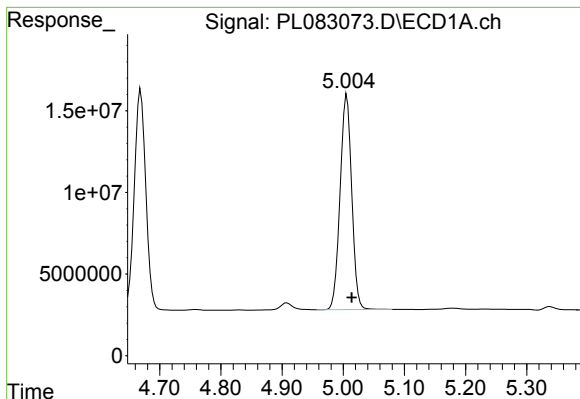
#4 Heptachlor

R.T.: 4.669 min
Delta R.T.: -0.009 min
Response: 174290211
Conc: 45.60 ng/ml



#4 Heptachlor

R.T.: 3.788 min
Delta R.T.: -0.005 min
Response: 165247999
Conc: 45.14 ng/ml



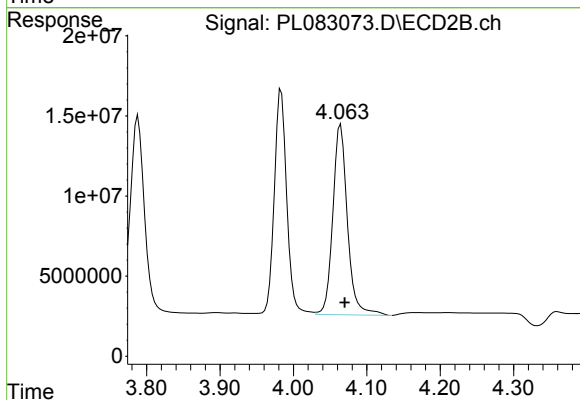
#5 Aldrin

R.T.: 5.006 min
Delta R.T.: -0.008 min
Response: 173640365
Conc: 49.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

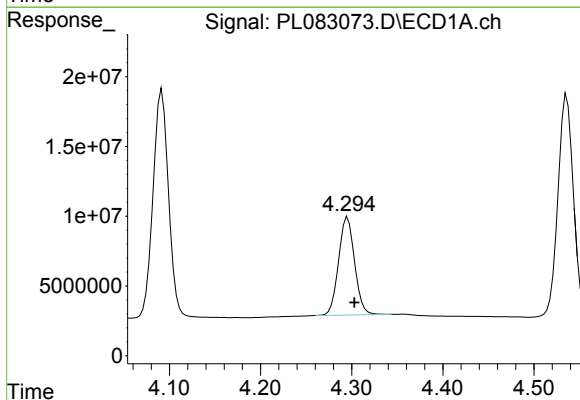
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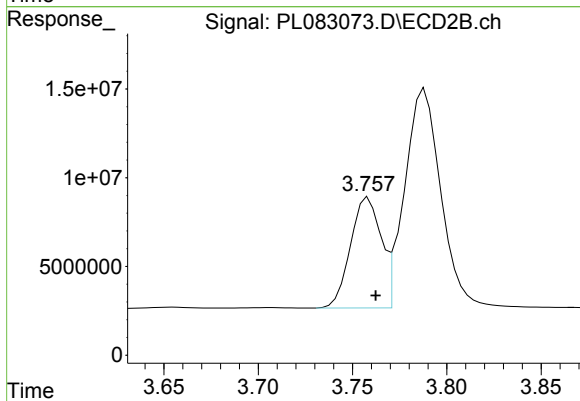
#5 Aldrin

R.T.: 4.064 min
Delta R.T.: -0.005 min
Response: 164642661
Conc: 50.60 ng/ml



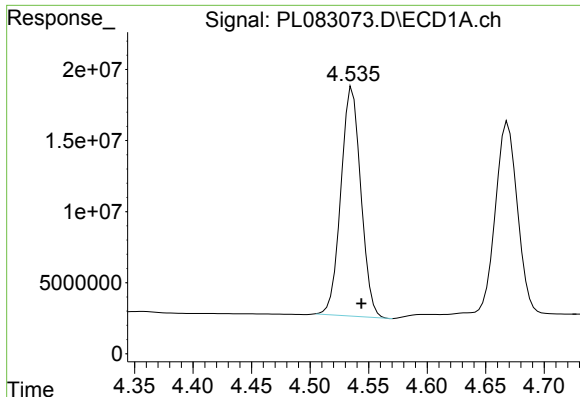
#6 beta-BHC

R.T.: 4.296 min
Delta R.T.: -0.007 min
Response: 85820315
Conc: 45.58 ng/ml



#6 beta-BHC

R.T.: 3.758 min
Delta R.T.: -0.004 min
Response: 70175569
Conc: 49.07 ng/ml



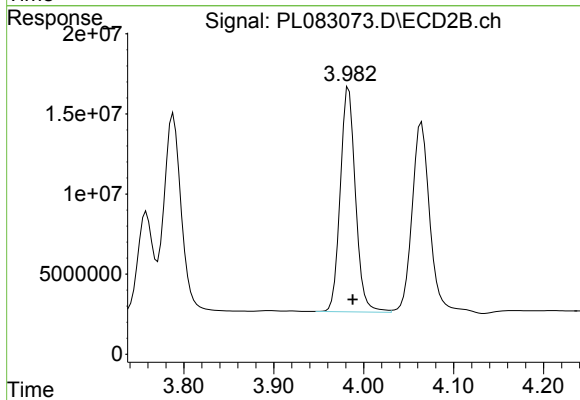
#7 delta-BHC

R.T.: 4.536 min
Delta R.T.: -0.008 min
Response: 190934223
Conc: 55.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

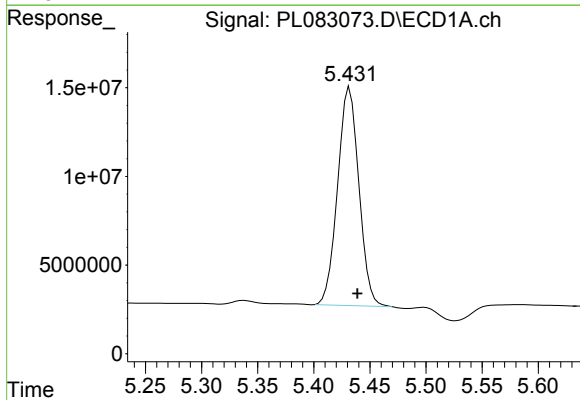
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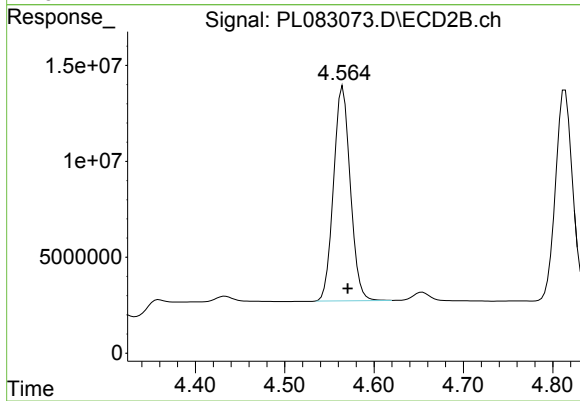
#7 delta-BHC

R.T.: 3.983 min
Delta R.T.: -0.004 min
Response: 164880034
Conc: 50.32 ng/ml



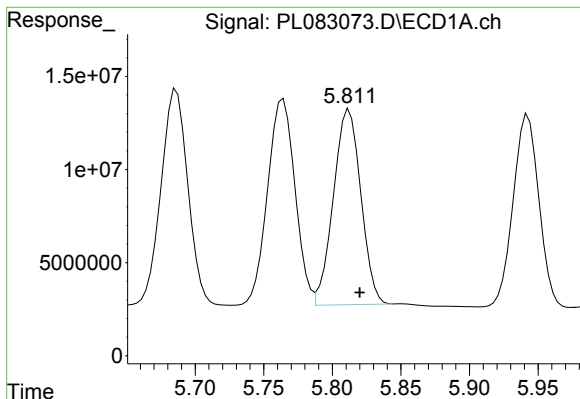
#8 Heptachlor epoxide

R.T.: 5.432 min
Delta R.T.: -0.007 min
Response: 162293527
Conc: 50.74 ng/ml



#8 Heptachlor epoxide

R.T.: 4.565 min
Delta R.T.: -0.005 min
Response: 145589190
Conc: 49.05 ng/ml



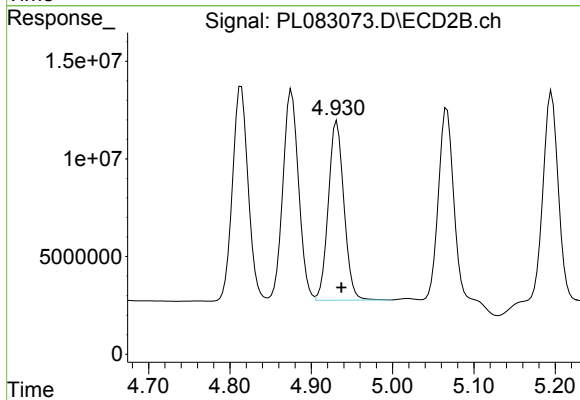
#9 Endosulfan I

R.T.: 5.811 min
Delta R.T.: -0.009 min
Response: 145417536
Conc: 48.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

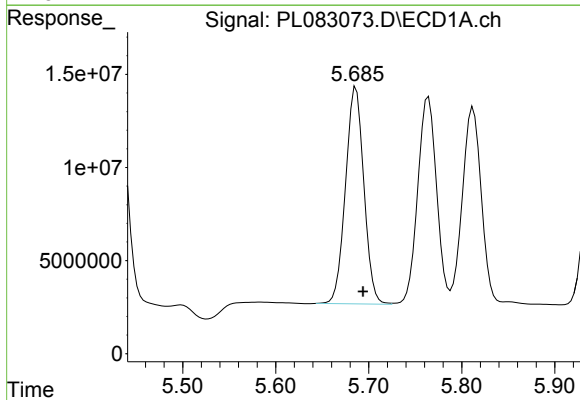
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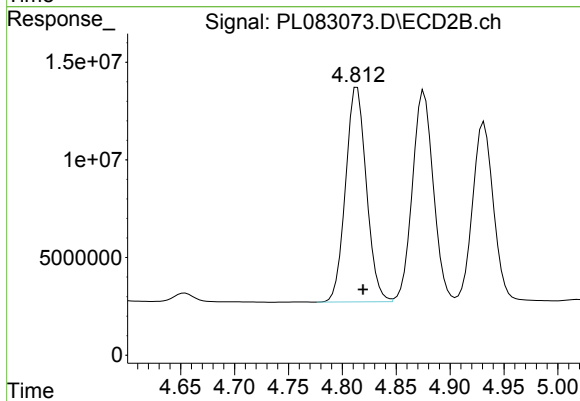
#9 Endosulfan I

R.T.: 4.932 min
Delta R.T.: -0.006 min
Response: 122955998
Conc: 44.00 ng/ml



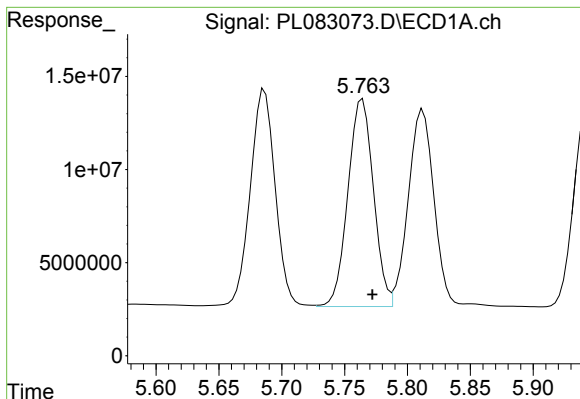
#10 gamma-Chlordane

R.T.: 5.685 min
Delta R.T.: -0.009 min
Response: 159480965
Conc: 50.20 ng/ml m



#10 gamma-Chlordane

R.T.: 4.814 min
Delta R.T.: -0.005 min
Response: 147733097
Conc: 49.19 ng/ml



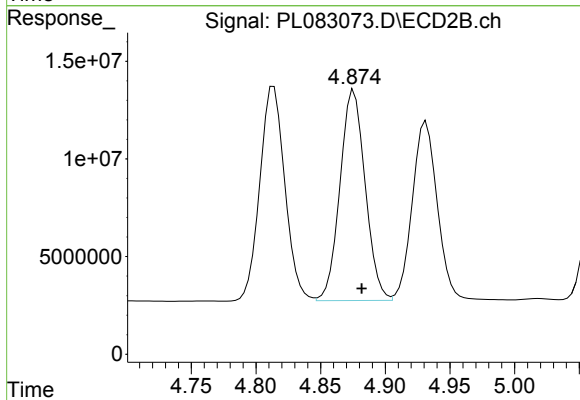
#11 alpha-Chlordane

R.T.: 5.763 min
Delta R.T.: -0.009 min
Response: 158944098
Conc: 49.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

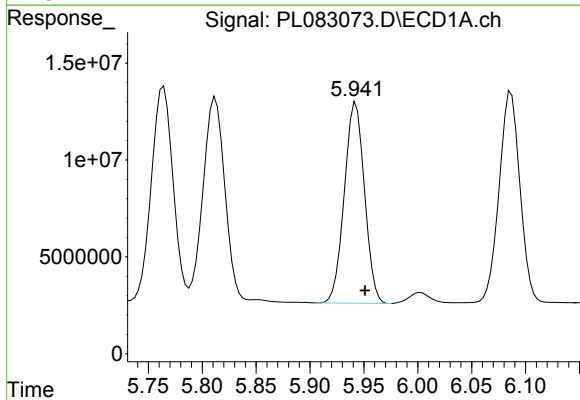
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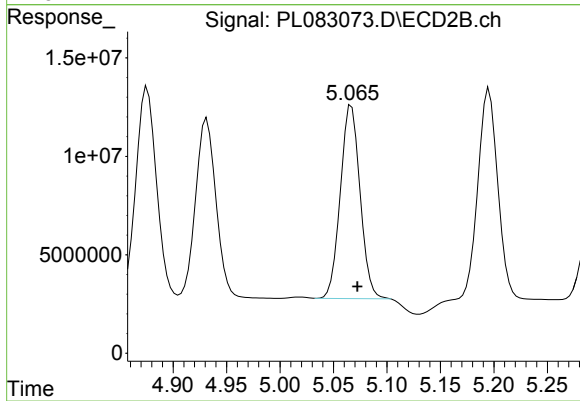
#11 alpha-Chlordane

R.T.: 4.876 min
Delta R.T.: -0.006 min
Response: 145979591
Conc: 48.63 ng/ml



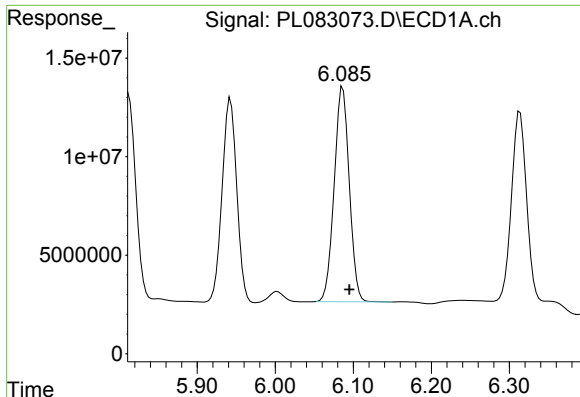
#12 4,4'-DDE

R.T.: 5.943 min
Delta R.T.: -0.008 min
Response: 135200619
Conc: 49.05 ng/ml



#12 4,4'-DDE

R.T.: 5.065 min
Delta R.T.: -0.007 min
Response: 126124548
Conc: 51.93 ng/ml m



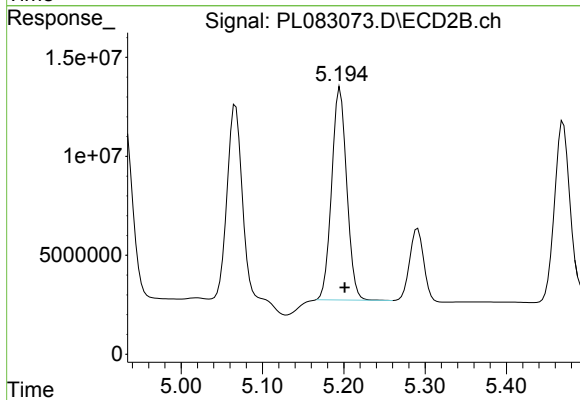
#13 Dieldrin

R.T.: 6.087 min
Delta R.T.: -0.008 min
Response: 146410008
Conc: 48.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

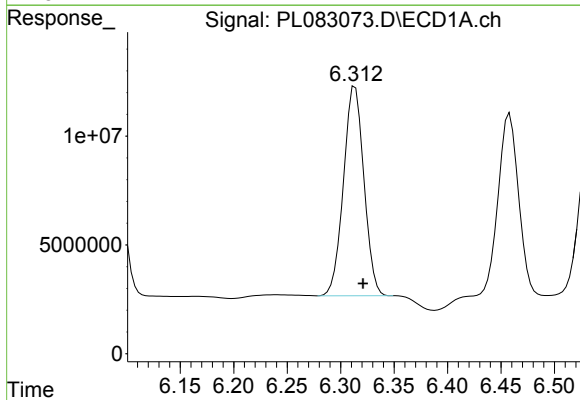
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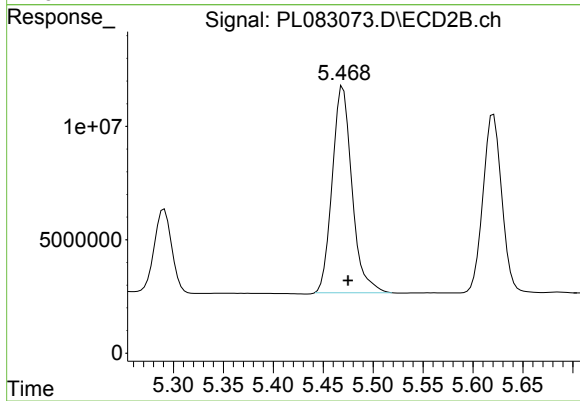
#13 Dieldrin

R.T.: 5.195 min
Delta R.T.: -0.006 min
Response: 138151841
Conc: 48.94 ng/ml



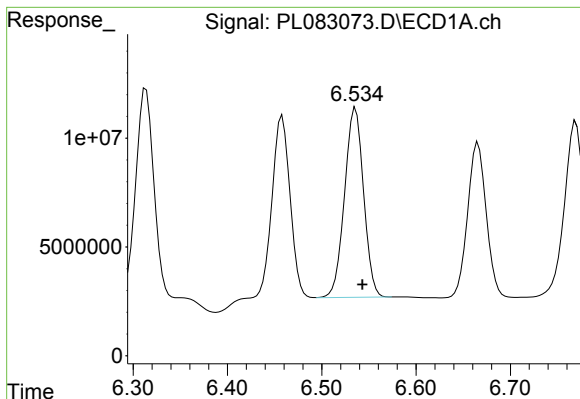
#14 Endrin

R.T.: 6.314 min
Delta R.T.: -0.007 min
Response: 128262874
Conc: 47.73 ng/ml



#14 Endrin

R.T.: 5.470 min
Delta R.T.: -0.005 min
Response: 125470965
Conc: 49.46 ng/ml



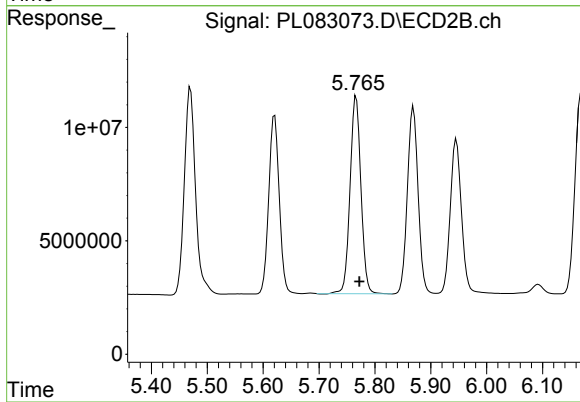
#15 Endosulfan II

R.T.: 6.536 min
Delta R.T.: -0.007 min
Response: 122252500
Conc: 45.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

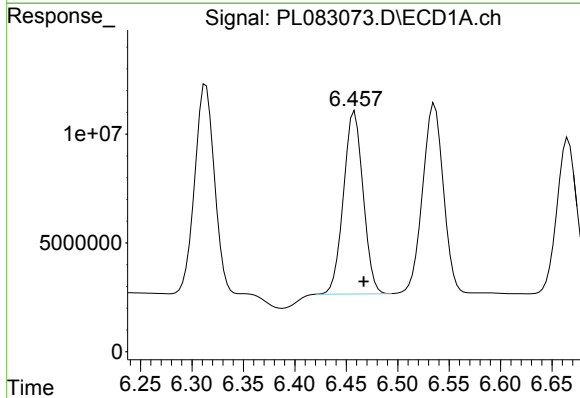
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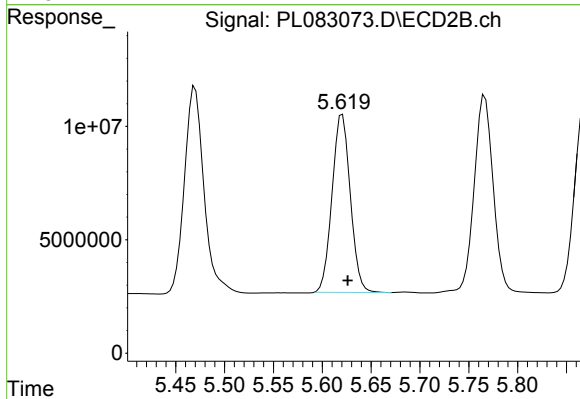
#15 Endosulfan II

R.T.: 5.766 min
Delta R.T.: -0.006 min
Response: 117753715
Conc: 47.59 ng/ml



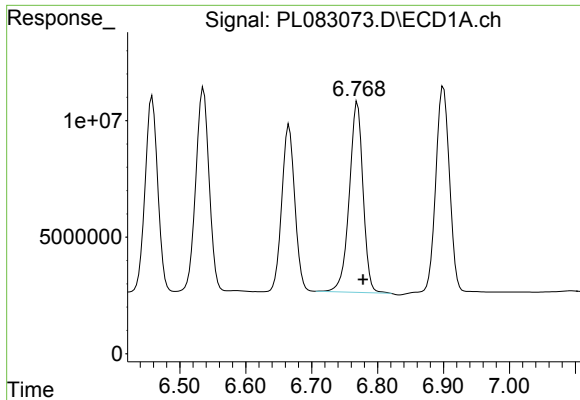
#16 4,4'-DDD

R.T.: 6.458 min
Delta R.T.: -0.009 min
Response: 111637204
Conc: 51.37 ng/ml



#16 4,4'-DDD

R.T.: 5.621 min
Delta R.T.: -0.006 min
Response: 102152181
Conc: 53.11 ng/ml



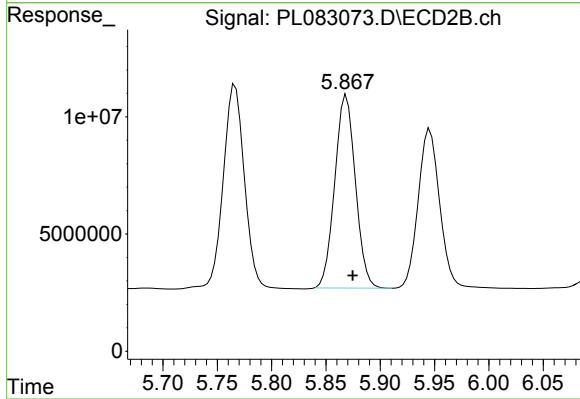
#17 4,4'-DDT

R.T.: 6.769 min
Delta R.T.: -0.009 min
Response: 118210274
Conc: 47.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

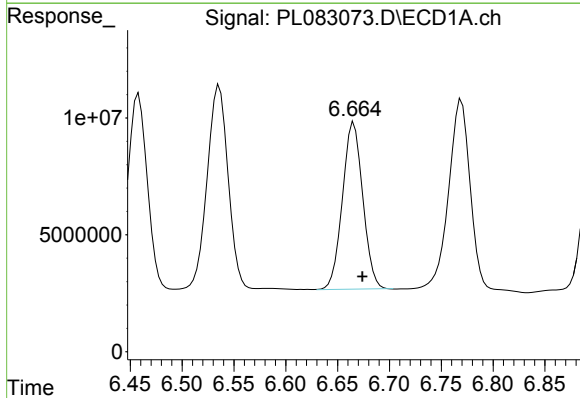
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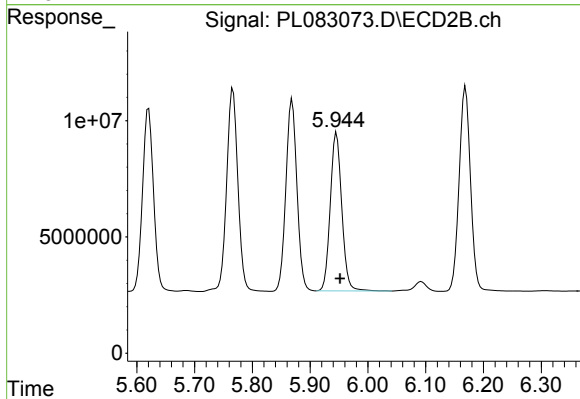
#17 4,4'-DDT

R.T.: 5.869 min
Delta R.T.: -0.006 min
Response: 108807677
Conc: 48.77 ng/ml



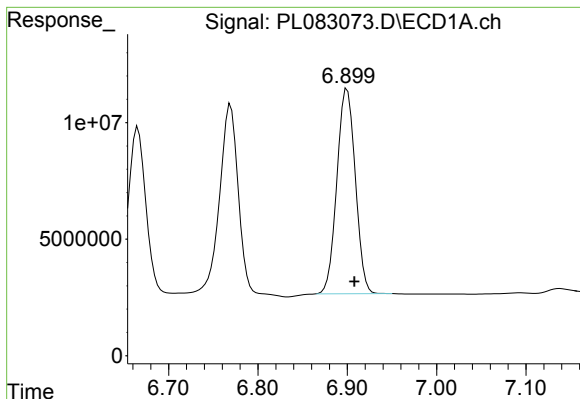
#18 Endrin aldehyde

R.T.: 6.664 min
Delta R.T.: -0.010 min
Response: 97503825
Conc: 48.49 ng/ml m



#18 Endrin aldehyde

R.T.: 5.946 min
Delta R.T.: -0.006 min
Response: 94257187
Conc: 47.67 ng/ml



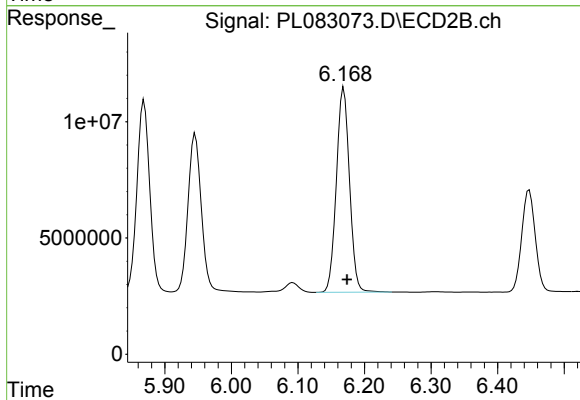
#19 Endosulfan Sulfate

R.T.: 6.900 min
Delta R.T.: -0.008 min
Response: 126226660
Conc: 49.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

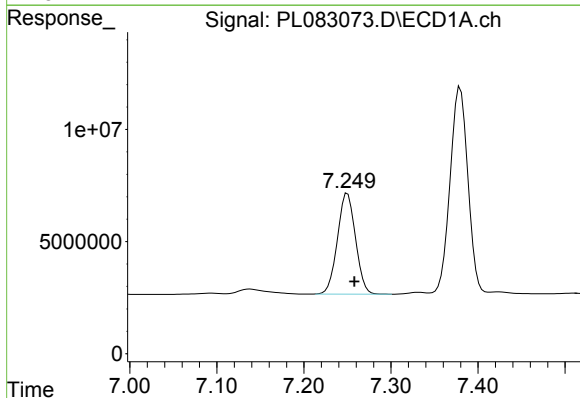
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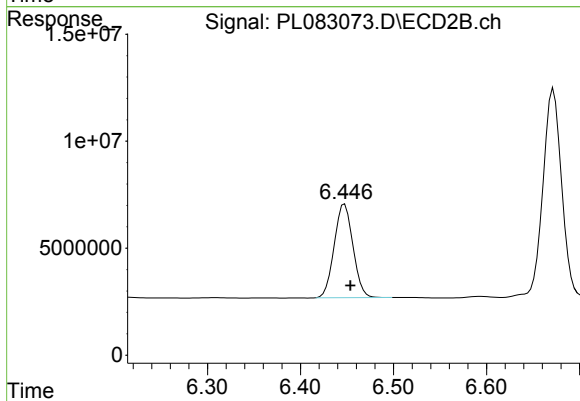
#19 Endosulfan Sulfate

R.T.: 6.169 min
Delta R.T.: -0.005 min
Response: 120346560
Conc: 49.14 ng/ml



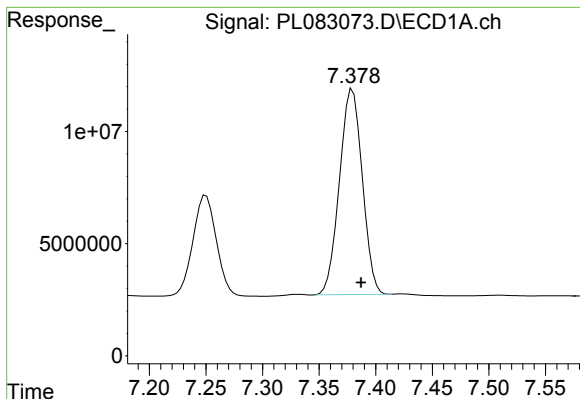
#20 Methoxychlor

R.T.: 7.250 min
Delta R.T.: -0.008 min
Response: 64793692
Conc: 49.00 ng/ml



#20 Methoxychlor

R.T.: 6.448 min
Delta R.T.: -0.006 min
Response: 61351248
Conc: 48.24 ng/ml



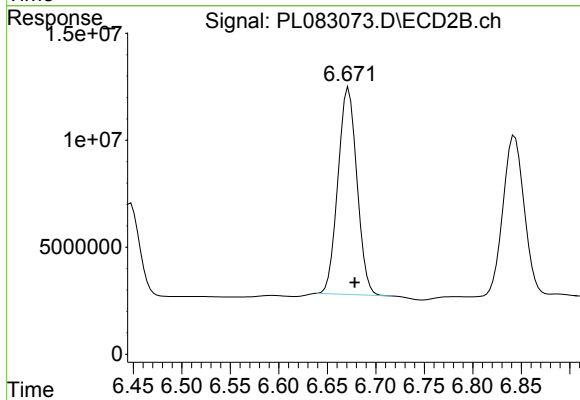
#21 Endrin ketone

R.T.: 7.380 min
Delta R.T.: -0.007 min
Response: 128853202
Conc: 50.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

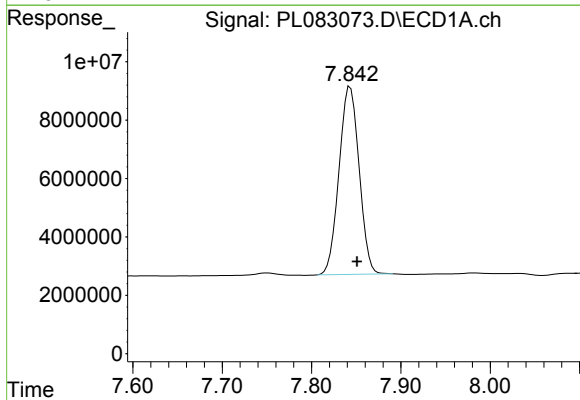
Manual Integrations
APPROVED

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



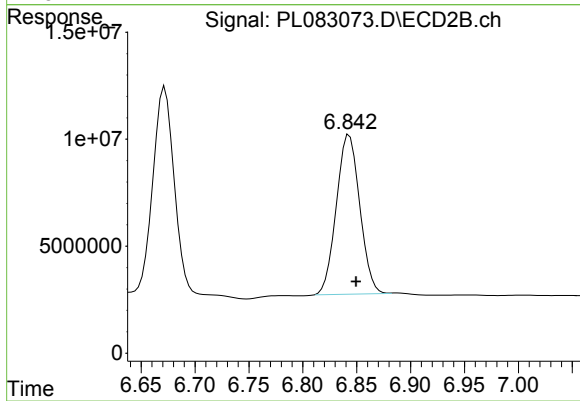
#21 Endrin ketone

R.T.: 6.671 min
Delta R.T.: -0.008 min
Response: 131631337
Conc: 48.68 ng/ml m



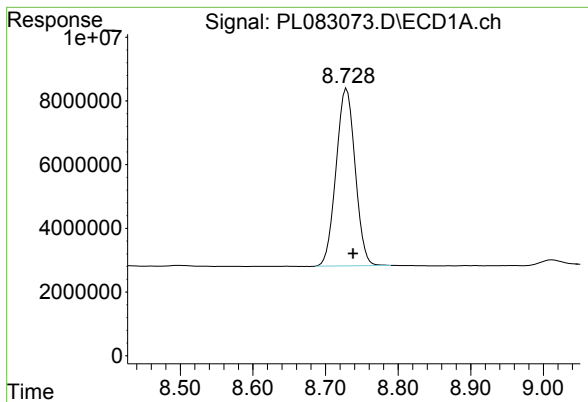
#22 Mirex

R.T.: 7.843 min
Delta R.T.: -0.008 min
Response: 100649965
Conc: 48.02 ng/ml



#22 Mirex

R.T.: 6.843 min
Delta R.T.: -0.006 min
Response: 112534060
Conc: 48.09 ng/ml



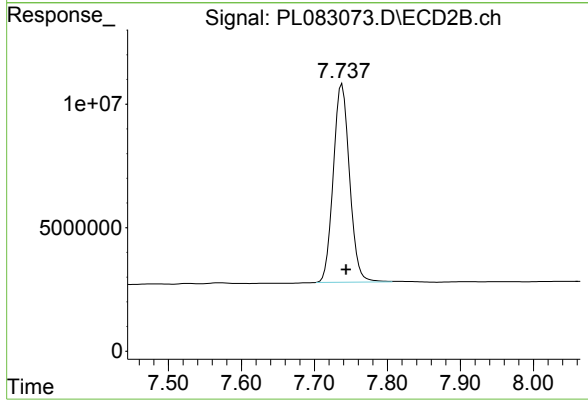
#28 Decachlorobiphenyl

R.T.: 8.729 min
Delta R.T.: -0.009 min
Response: 101696799
Conc: 48.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.738 min
Delta R.T.: -0.006 min
Response: 124423098
Conc: 50.04 ng/ml