

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051623\
 Data File : PL082728.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 May 2023 10:48
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/17/2023
 Supervised By : Ankita Jodhani 05/17/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 16 21:40:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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...	3.320	2.642	138.7E6	115.4E6	51.920	49.805
28)	SA Decachlor...	8.738	7.749	97251528	105.3E6	50.942	46.143m
Target Compounds							
2)	A alpha-BHC	3.769	3.138	213.9E6	167.0E6	53.743	49.075
3)	MA gamma-BHC...	4.097	3.465	197.9E6	154.8E6	52.924	48.149
4)	MA Heptachlor	4.675	3.796	192.1E6	153.5E6	52.561	44.836
5)	MB Aldrin	5.011	4.073	177.7E6	151.4E6	53.881	48.077
6)	B beta-BHC	4.300	3.764	86568188	72029487	50.758	52.792m
7)	B delta-BHC	4.541	3.991	191.2E6	151.7E6	53.157	49.446
8)	B Heptachlo...	5.438	4.574	160.1E6	135.6E6	52.473	47.056
9)	A Endosulfan I	5.818	4.941	145.9E6	127.0E6	52.625	47.568
10)	B gamma-Chl...	5.693	4.822	162.9E6	137.6E6	54.192	47.403
11)	B alpha-Chl...	5.770	4.886	157.3E6	137.5E6	52.714	47.358
12)	B 4,4'-DDE	5.949	5.075	139.1E6	116.4E6	54.712	50.633m
13)	MA Dieldrin	6.093	5.204	146.6E6	128.7E6	53.127	47.670m
14)	MA Endrin	6.320	5.478	126.7E6	115.2E6	52.265	47.108m
15)	B Endosulfa...	6.542	5.776	118.6E6	108.4E6	48.728	48.077
16)	A 4,4'-DDD	6.465	5.631	111.6E6	96786121	55.029	51.746
17)	MA 4,4'-DDT	6.776	5.879	117.3E6	102.0E6	51.291	48.269
18)	B Endrin al...	6.673	5.956	97206429	88272951	51.591	47.170
19)	B Endosulfa...	6.907	6.178	124.0E6	112.3E6	52.270	47.702
20)	A Methoxychlor	7.257	6.456	61479833	58009265	50.380	47.869m
21)	B Endrin ke...	7.387	6.682	124.3E6	123.1E6	51.918	48.483m
22)	Mirex	7.850	6.853	95886423	105.7E6	49.014	45.875m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051623\
Data File : PL082728.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 May 2023 10:48
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

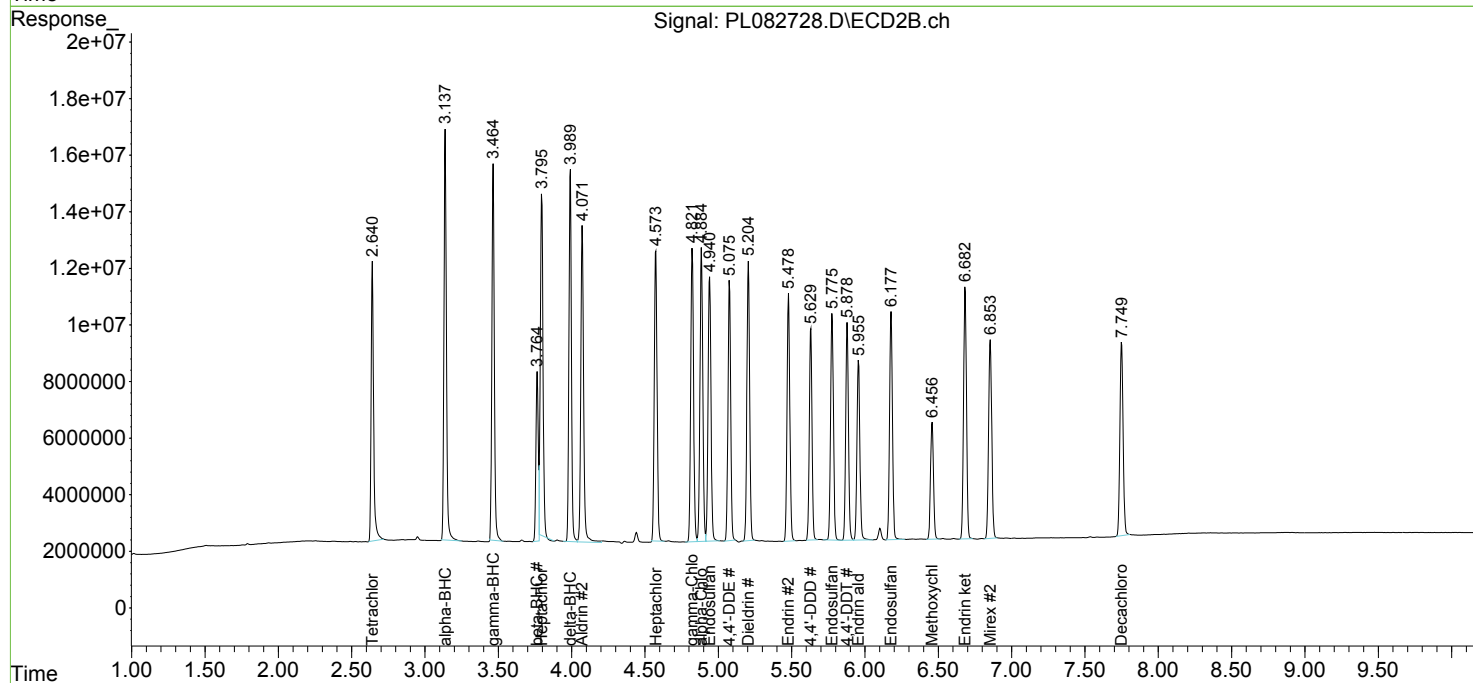
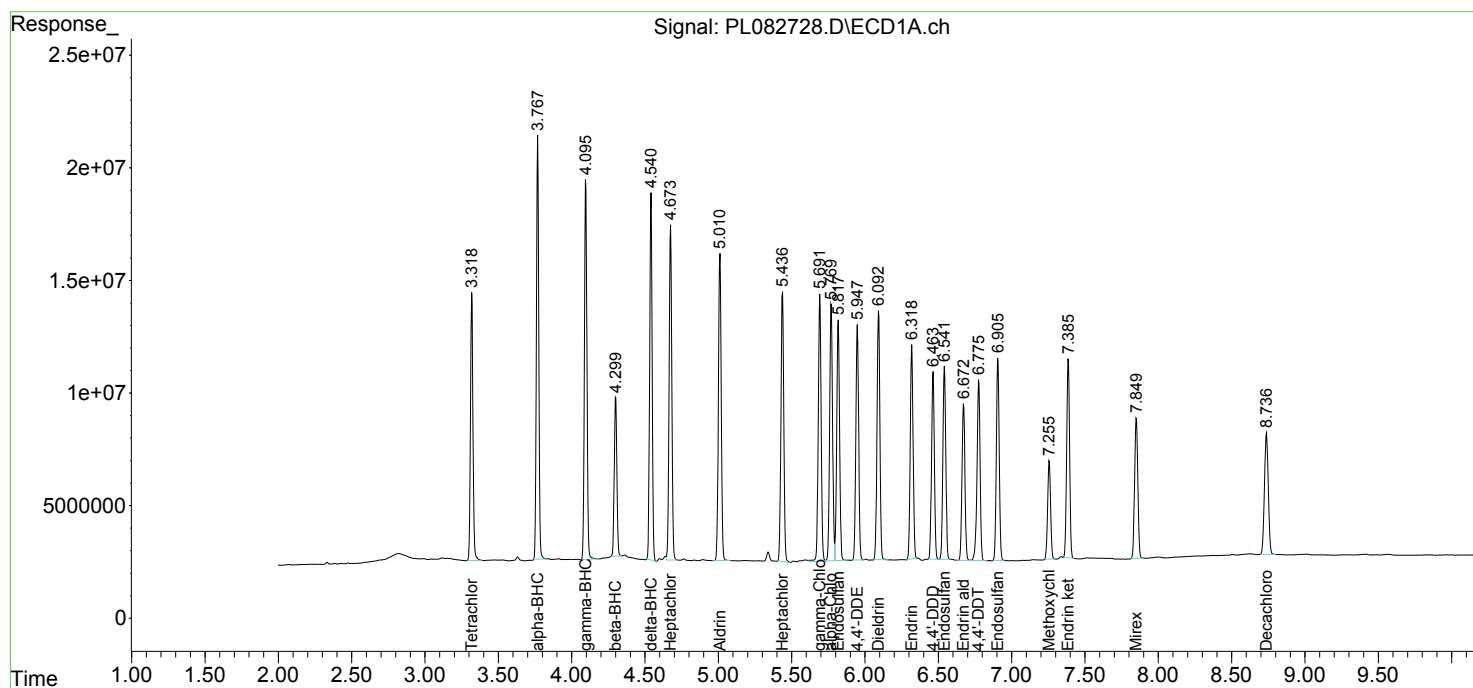
APPROVED

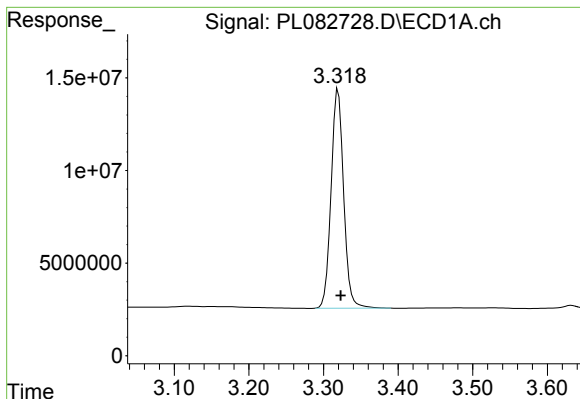
Reviewed By :Abdul Mirza 05/17/2023

Supervised By :Ankita Jodhani 05/17/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 16 21:40:07 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 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





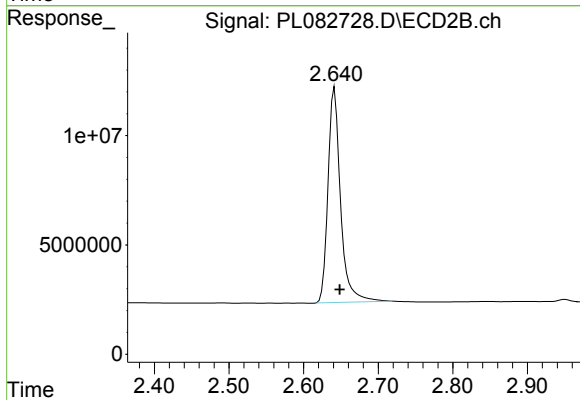
#1 Tetrachloro-m-xylene

R.T.: 3.320 min
Delta R.T.: -0.003 min
Response: 138690074
Conc: 51.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

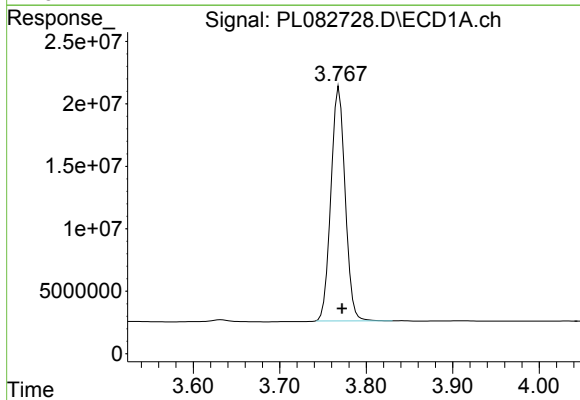
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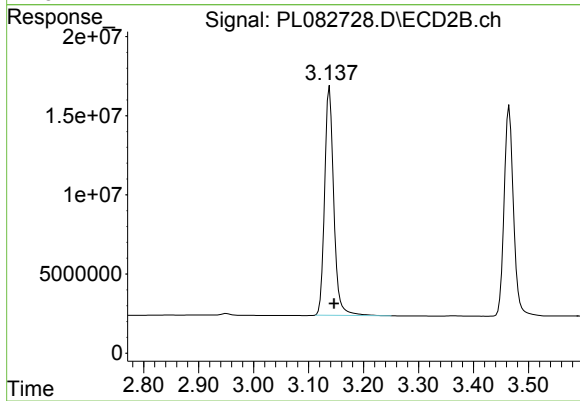
#1 Tetrachloro-m-xylene

R.T.: 2.642 min
Delta R.T.: -0.007 min
Response: 115386153
Conc: 49.81 ng/ml



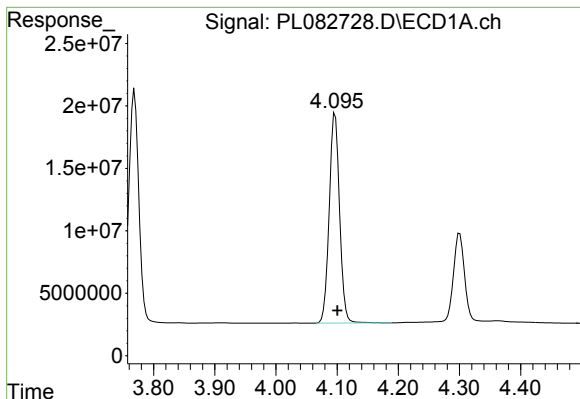
#2 alpha-BHC

R.T.: 3.769 min
Delta R.T.: -0.004 min
Response: 213911423
Conc: 53.74 ng/ml



#2 alpha-BHC

R.T.: 3.138 min
Delta R.T.: -0.008 min
Response: 167025583
Conc: 49.07 ng/ml



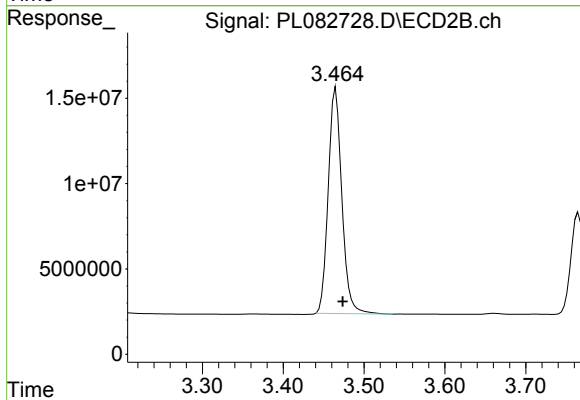
#3 gamma-BHC (Lindane)

R.T.: 4.097 min
Delta R.T.: -0.004 min
Response: 197877841
Conc: 52.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

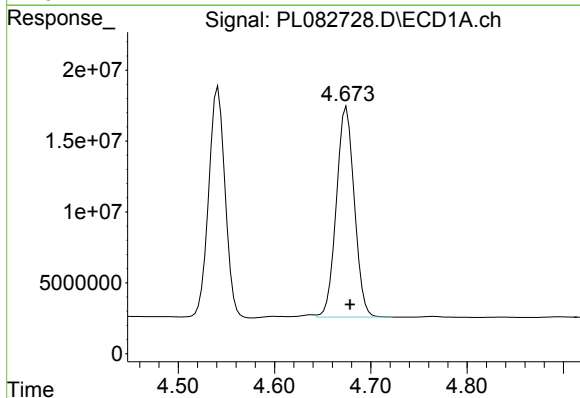
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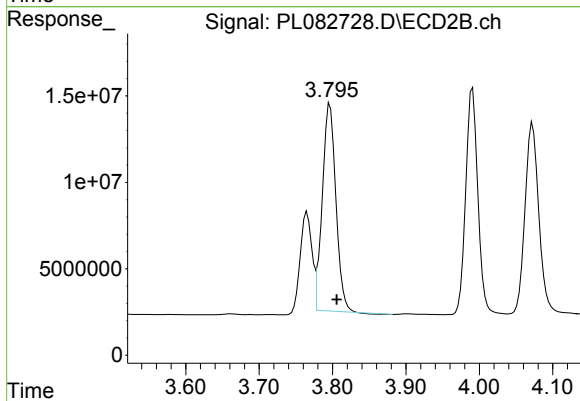
#3 gamma-BHC (Lindane)

R.T.: 3.465 min
Delta R.T.: -0.008 min
Response: 154812847
Conc: 48.15 ng/ml



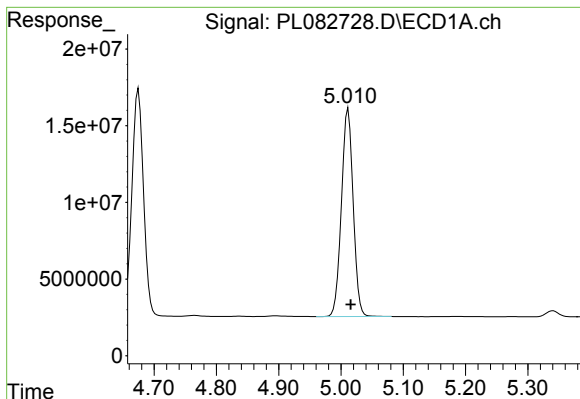
#4 Heptachlor

R.T.: 4.675 min
Delta R.T.: -0.004 min
Response: 192052469
Conc: 52.56 ng/ml



#4 Heptachlor

R.T.: 3.796 min
Delta R.T.: -0.009 min
Response: 153483999
Conc: 44.84 ng/ml



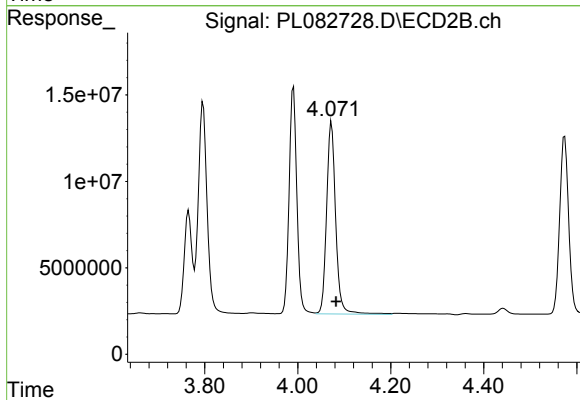
#5 Aldrin

R.T.: 5.011 min
Delta R.T.: -0.004 min
Response: 177676765
Conc: 53.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

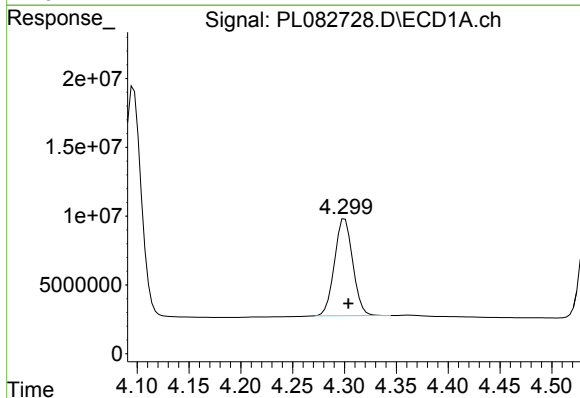
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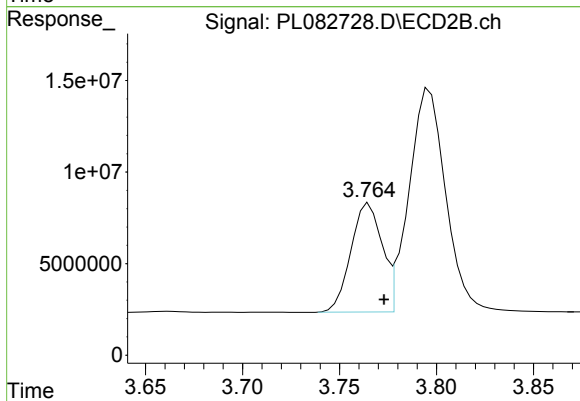
#5 Aldrin

R.T.: 4.073 min
Delta R.T.: -0.010 min
Response: 151435571
Conc: 48.08 ng/ml



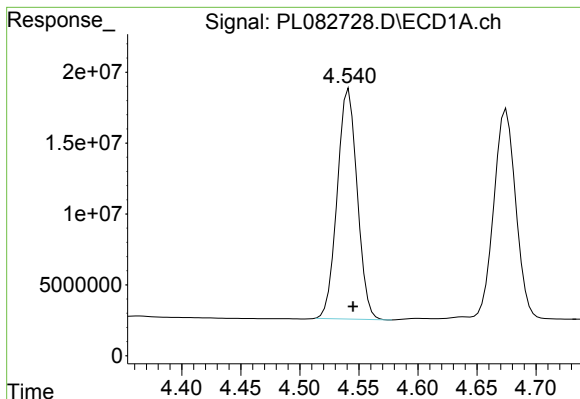
#6 beta-BHC

R.T.: 4.300 min
Delta R.T.: -0.003 min
Response: 86568188
Conc: 50.76 ng/ml



#6 beta-BHC

R.T.: 3.764 min
Delta R.T.: -0.009 min
Response: 72029487
Conc: 52.79 ng/ml m



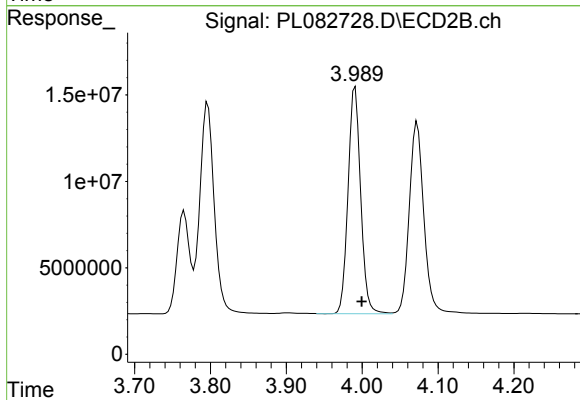
#7 delta-BHC

R.T.: 4.541 min
Delta R.T.: -0.004 min
Response: 191245687
Conc: 53.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

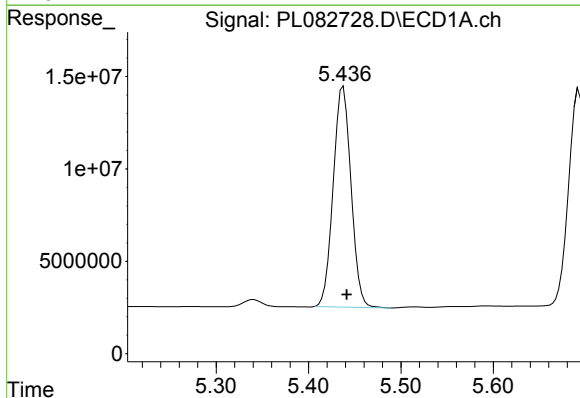
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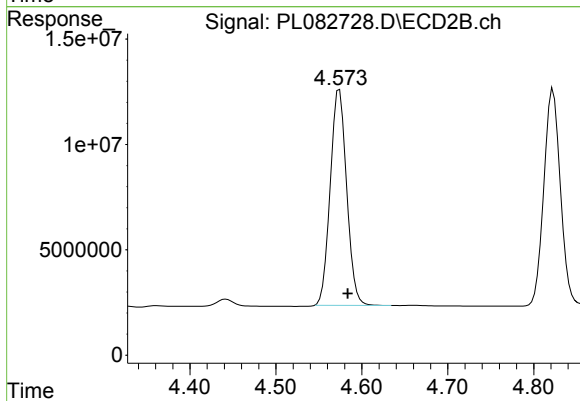
#7 delta-BHC

R.T.: 3.991 min
Delta R.T.: -0.009 min
Response: 151669301
Conc: 49.45 ng/ml



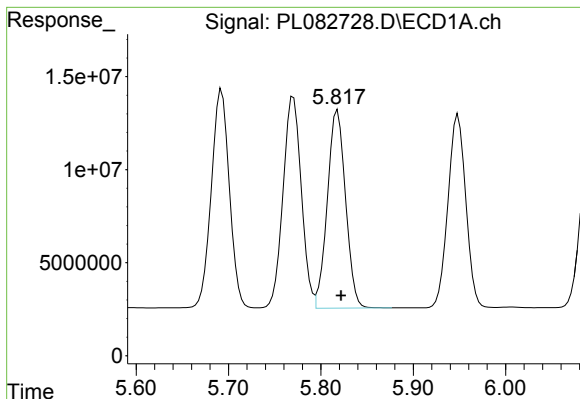
#8 Heptachlor epoxide

R.T.: 5.438 min
Delta R.T.: -0.004 min
Response: 160062200
Conc: 52.47 ng/ml



#8 Heptachlor epoxide

R.T.: 4.574 min
Delta R.T.: -0.010 min
Response: 135563187
Conc: 47.06 ng/ml



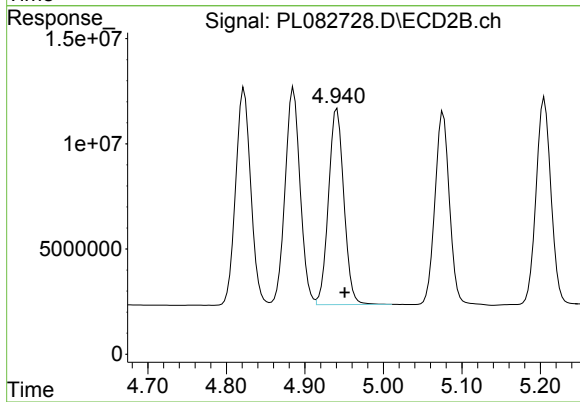
#9 Endosulfan I

R.T.: 5.818 min
Delta R.T.: -0.004 min
Response: 145915322
Conc: 52.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

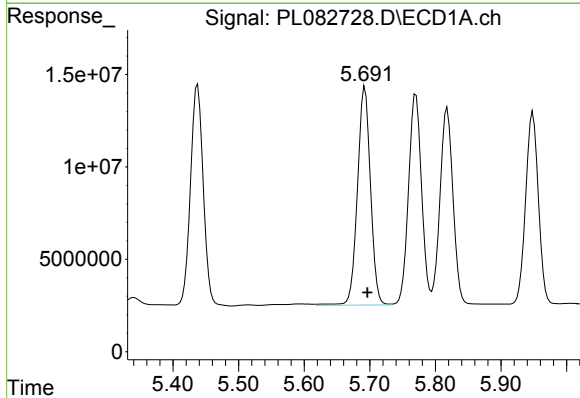
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Supervised By :Ankita Jodhani 05/17/2023



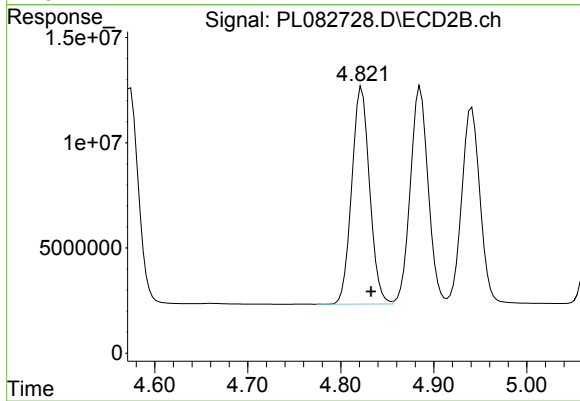
#9 Endosulfan I

R.T.: 4.941 min
Delta R.T.: -0.010 min
Response: 126979408
Conc: 47.57 ng/ml



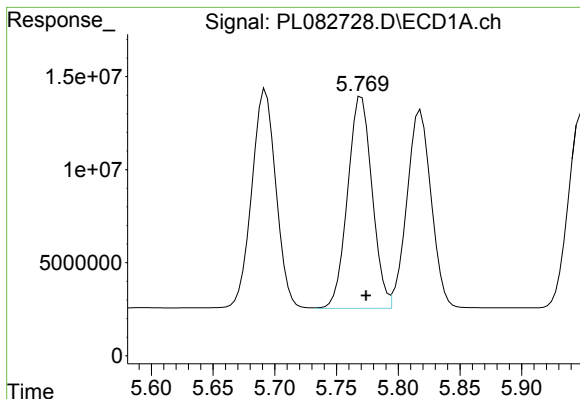
#10 gamma-Chlordane

R.T.: 5.693 min
Delta R.T.: -0.004 min
Response: 162948793
Conc: 54.19 ng/ml



#10 gamma-Chlordane

R.T.: 4.822 min
Delta R.T.: -0.010 min
Response: 137556131
Conc: 47.40 ng/ml



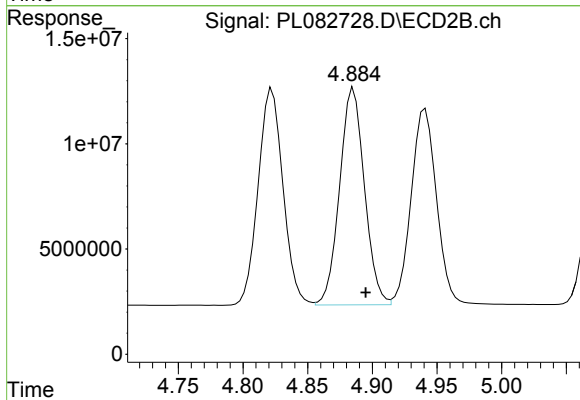
#11 alpha-Chlordane

R.T.: 5.770 min
Delta R.T.: -0.004 min
Response: 157331834
Conc: 52.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

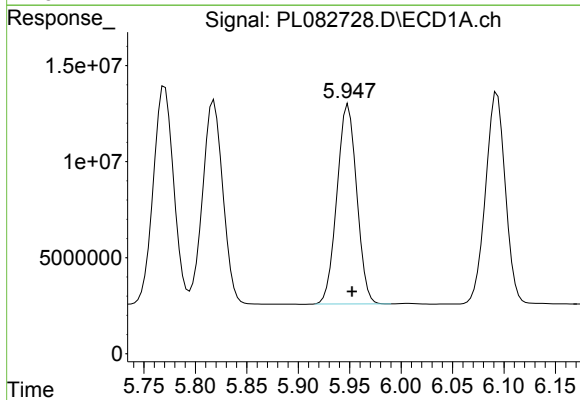
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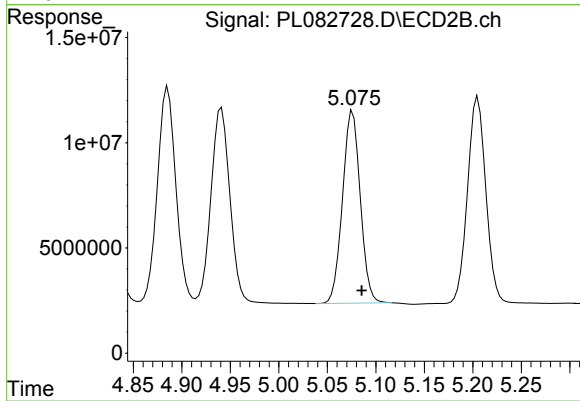
#11 alpha-Chlordane

R.T.: 4.886 min
Delta R.T.: -0.009 min
Response: 137473111
Conc: 47.36 ng/ml



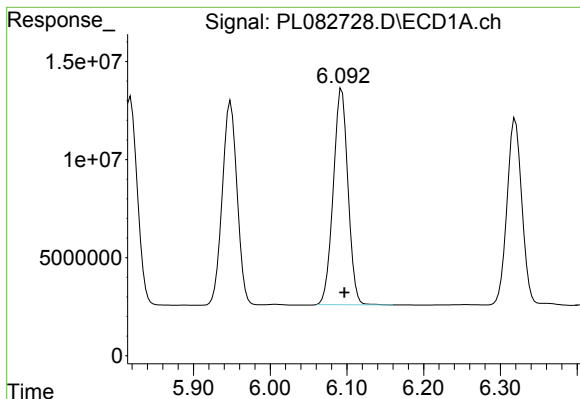
#12 4,4'-DDE

R.T.: 5.949 min
Delta R.T.: -0.004 min
Response: 139079544
Conc: 54.71 ng/ml



#12 4,4'-DDE

R.T.: 5.075 min
Delta R.T.: -0.011 min
Response: 116403348
Conc: 50.63 ng/ml m



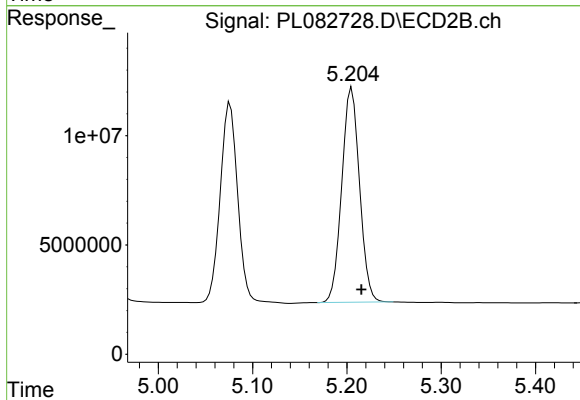
#13 Dieldrin

R.T.: 6.093 min
Delta R.T.: -0.003 min
Response: 146583958
Conc: 53.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

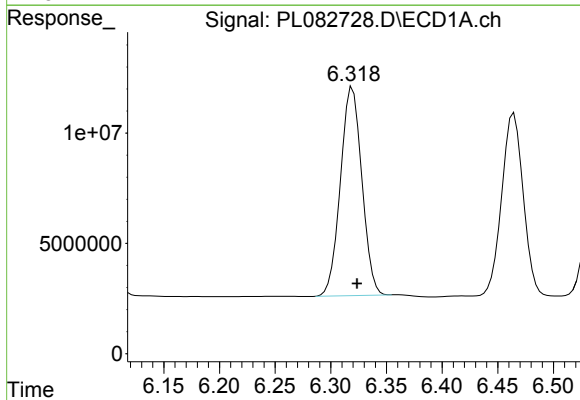
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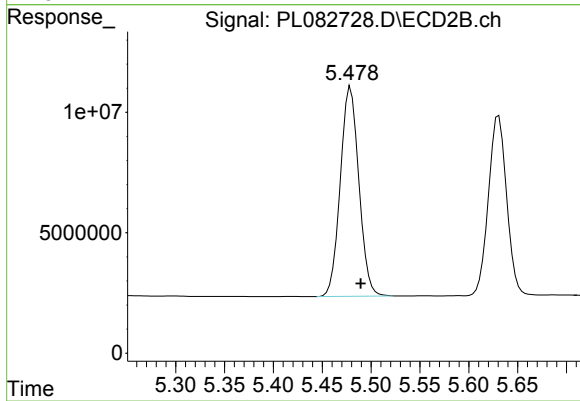
#13 Dieldrin

R.T.: 5.204 min
Delta R.T.: -0.012 min
Response: 128727798
Conc: 47.67 ng/ml m



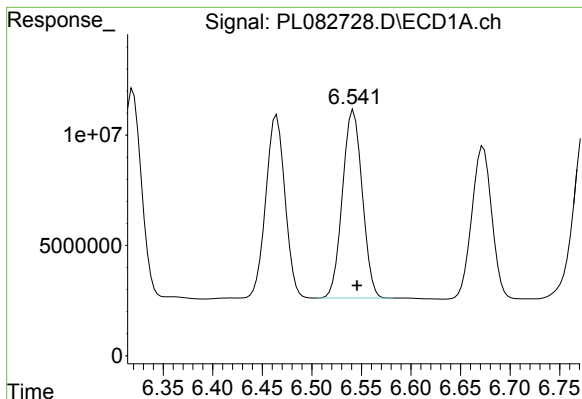
#14 Endrin

R.T.: 6.320 min
Delta R.T.: -0.004 min
Response: 126719811
Conc: 52.27 ng/ml



#14 Endrin

R.T.: 5.478 min
Delta R.T.: -0.012 min
Response: 115223784
Conc: 47.11 ng/ml m



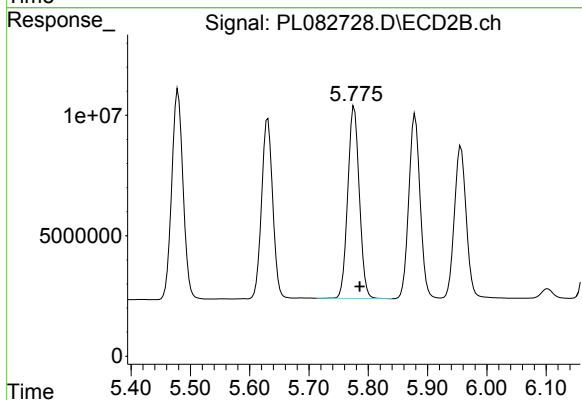
#15 Endosulfan II

R.T.: 6.542 min
Delta R.T.: -0.003 min
Response: 118630256
Conc: 48.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

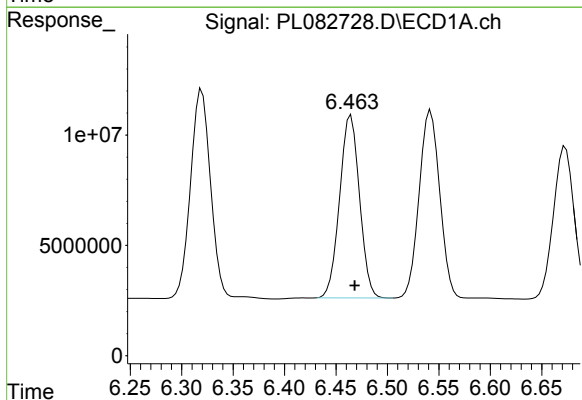
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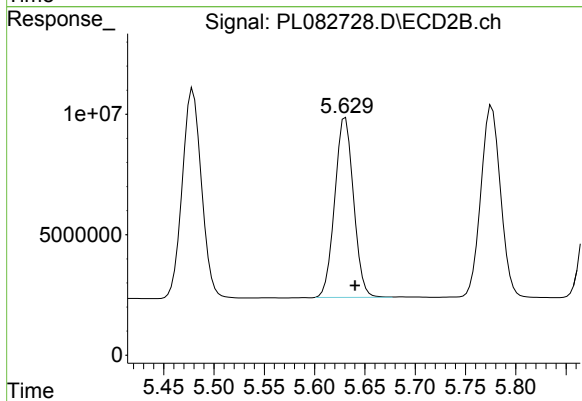
#15 Endosulfan II

R.T.: 5.776 min
Delta R.T.: -0.009 min
Response: 108371477
Conc: 48.08 ng/ml



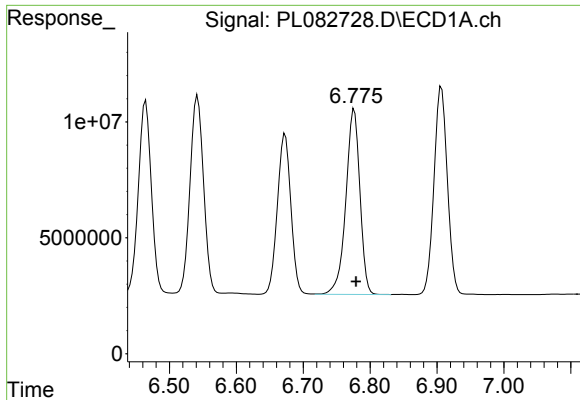
#16 4,4'-DDD

R.T.: 6.465 min
Delta R.T.: -0.004 min
Response: 111553682
Conc: 55.03 ng/ml



#16 4,4'-DDD

R.T.: 5.631 min
Delta R.T.: -0.010 min
Response: 96786121
Conc: 51.75 ng/ml



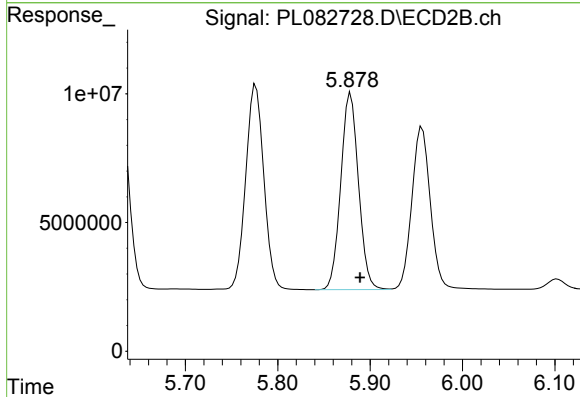
#17 4,4'-DDT

R.T.: 6.776 min
Delta R.T.: -0.003 min
Response: 117339051
Conc: 51.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

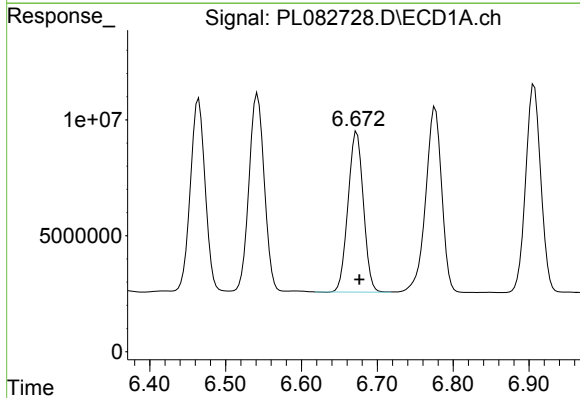
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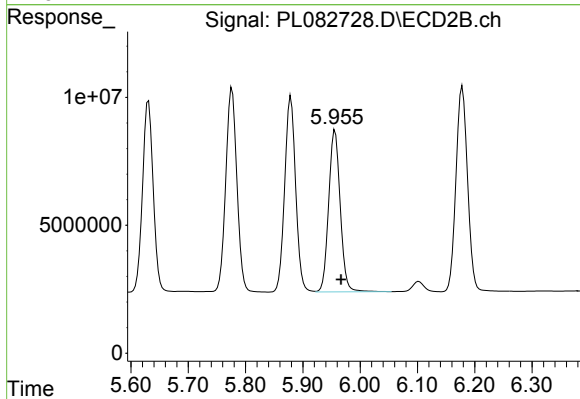
#17 4,4'-DDT

R.T.: 5.879 min
Delta R.T.: -0.010 min
Response: 101973507
Conc: 48.27 ng/ml



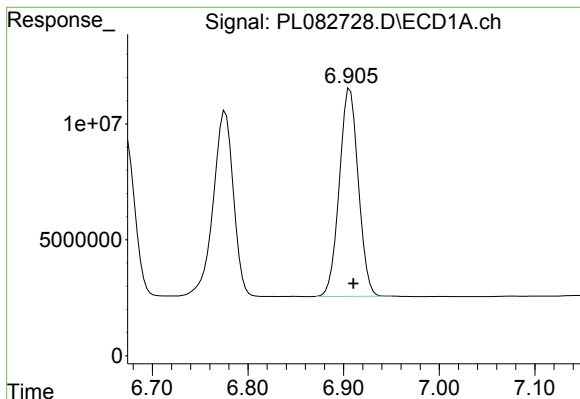
#18 Endrin aldehyde

R.T.: 6.673 min
Delta R.T.: -0.003 min
Response: 97206429
Conc: 51.59 ng/ml



#18 Endrin aldehyde

R.T.: 5.956 min
Delta R.T.: -0.010 min
Response: 88272951
Conc: 47.17 ng/ml



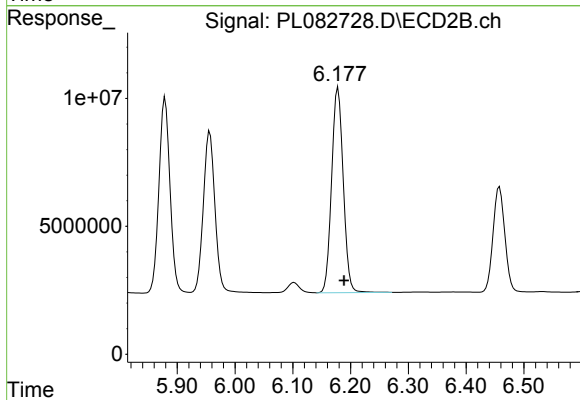
#19 Endosulfan Sulfate

R.T.: 6.907 min
Delta R.T.: -0.003 min
Response: 123961133
Conc: 52.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

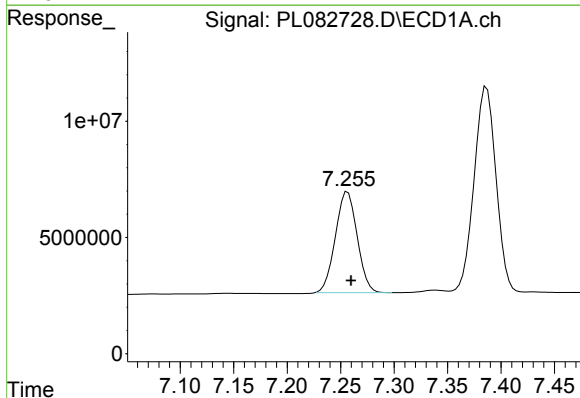
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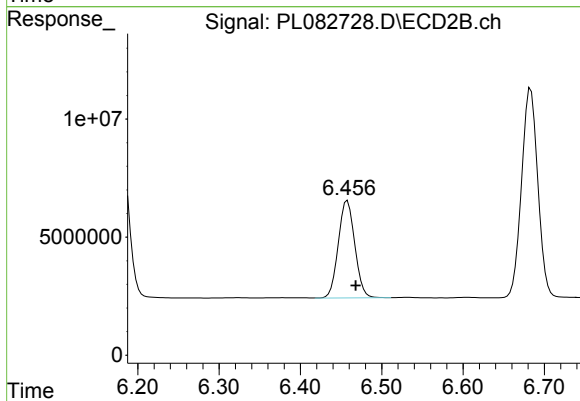
#19 Endosulfan Sulfate

R.T.: 6.178 min
Delta R.T.: -0.010 min
Response: 112304339
Conc: 47.70 ng/ml



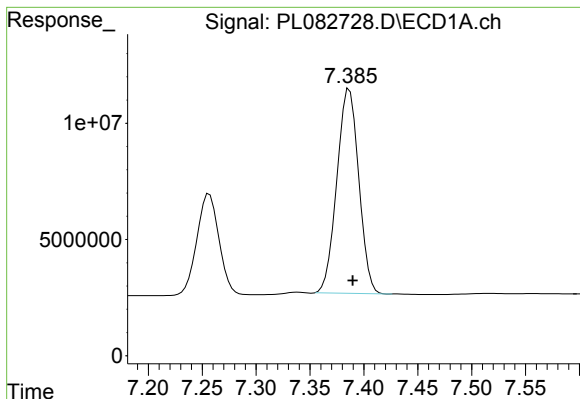
#20 Methoxychlor

R.T.: 7.257 min
Delta R.T.: -0.003 min
Response: 61479833
Conc: 50.38 ng/ml



#20 Methoxychlor

R.T.: 6.456 min
Delta R.T.: -0.012 min
Response: 58009265
Conc: 47.87 ng/ml m



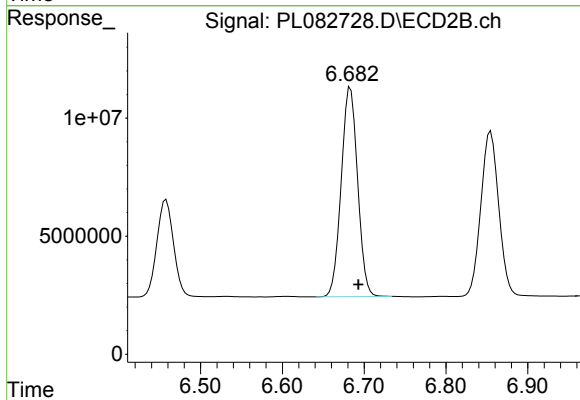
#21 Endrin ketone

R.T.: 7.387 min
Delta R.T.: -0.003 min
Response: 124313340
Conc: 51.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

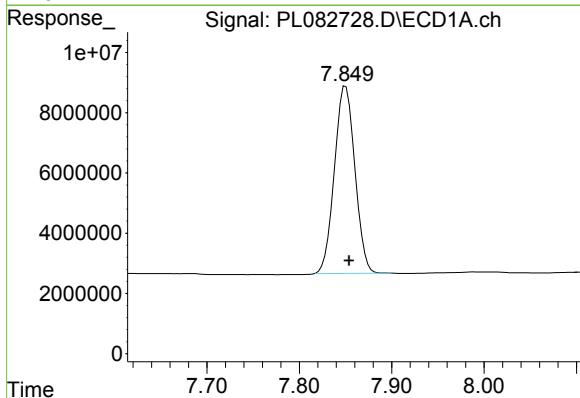
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/17/2023
Supervised By :Ankita Jodhani 05/17/2023



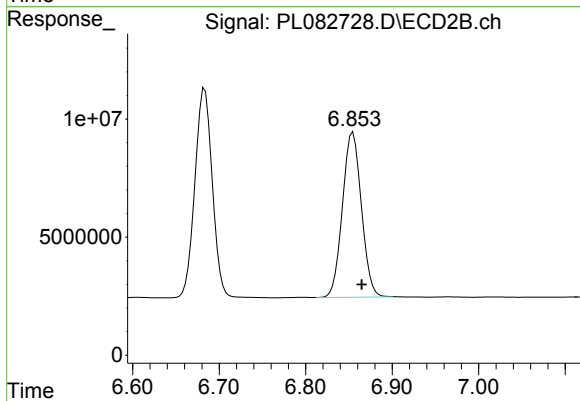
#21 Endrin ketone

R.T.: 6.682 min
Delta R.T.: -0.011 min
Response: 123058212
Conc: 48.48 ng/ml m



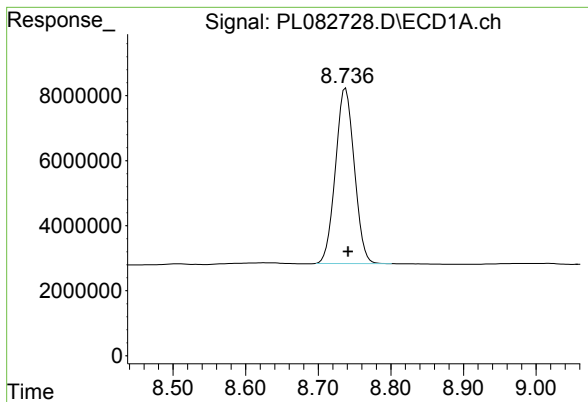
#22 Mirex

R.T.: 7.850 min
Delta R.T.: -0.003 min
Response: 95886423
Conc: 49.01 ng/ml



#22 Mirex

R.T.: 6.853 min
Delta R.T.: -0.012 min
Response: 105707348
Conc: 45.87 ng/ml m



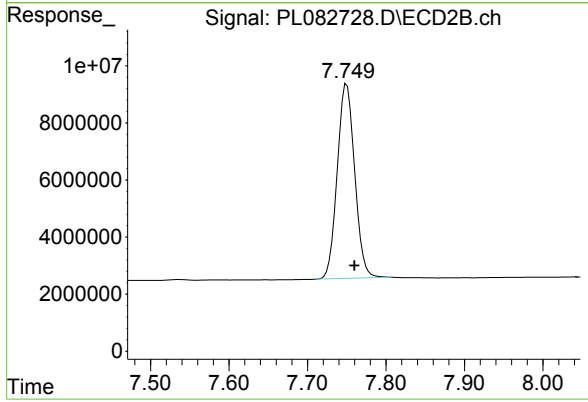
#28 Decachlorobiphenyl

R.T.: 8.738 min
Delta R.T.: -0.003 min
Response: 97251528
Conc: 50.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.749 min
Delta R.T.: -0.011 min
Response: 105321568
Conc: 46.14 ng/ml m