

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051623\
 Data File : PL082740.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 May 2023 18:41
 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 21:50:24 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	2.641	138.9E6	121.3E6	52.006	52.364
28)	SA Decachlor...	8.739	7.749	118.0E6	114.2E6	61.811	50.034
Target Compounds							
2)	A alpha-BHC	3.769	3.138	211.3E6	173.6E6	53.089	51.020
3)	MA gamma-BHC...	4.097	3.465	195.8E6	156.7E6	52.357	48.722
4)	MA Heptachlor	4.675	3.796	193.8E6	159.6E6	53.032	46.608
5)	MB Aldrin	5.011	4.072	173.8E6	157.3E6	52.697	49.932
6)	B beta-BHC	4.301	3.764	85464690	68572480	50.111	50.258m
7)	B delta-BHC	4.541	3.991	190.1E6	156.0E6	52.834	50.873
8)	B Heptachlo...	5.437	4.573	156.9E6	134.9E6	51.436	46.827
9)	A Endosulfan I	5.819	4.941	143.7E6	128.1E6	51.816	47.978
10)	B gamma-Chl...	5.693	4.822	160.3E6	138.2E6	53.305	47.628
11)	B alpha-Chl...	5.771	4.885	154.7E6	137.4E6	51.837	47.347
12)	B 4,4'-DDE	5.949	5.074	139.9E6	120.3E6	55.047	52.335m
13)	MA Dieldrin	6.093	5.203	145.5E6	128.5E6	52.732	47.597m
14)	MA Endrin	6.320	5.478	126.4E6	111.5E6	52.124	45.568m
15)	B Endosulfa...	6.543	5.776	118.5E6	107.1E6	48.678	47.504
16)	A 4,4'-DDD	6.465	5.630	113.5E6	96071916	55.968	51.364
17)	MA 4,4'-DDT	6.776	5.878	115.8E6	101.4E6	50.608	47.977
18)	B Endrin al...	6.673	5.955	96047858	87584426	50.976	46.802
19)	B Endosulfa...	6.907	6.178	120.5E6	111.3E6	50.814	47.272
20)	A Methoxychlor	7.257	6.456	59896994	57628077	49.083	47.554m
21)	B Endrin ke...	7.387	6.681	123.0E6	121.8E6	51.365	47.967m
22)	Mirex	7.851	6.853	95300711	101.7E6	48.714	44.128m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051623\
Data File : PL082740.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 May 2023 18:41
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

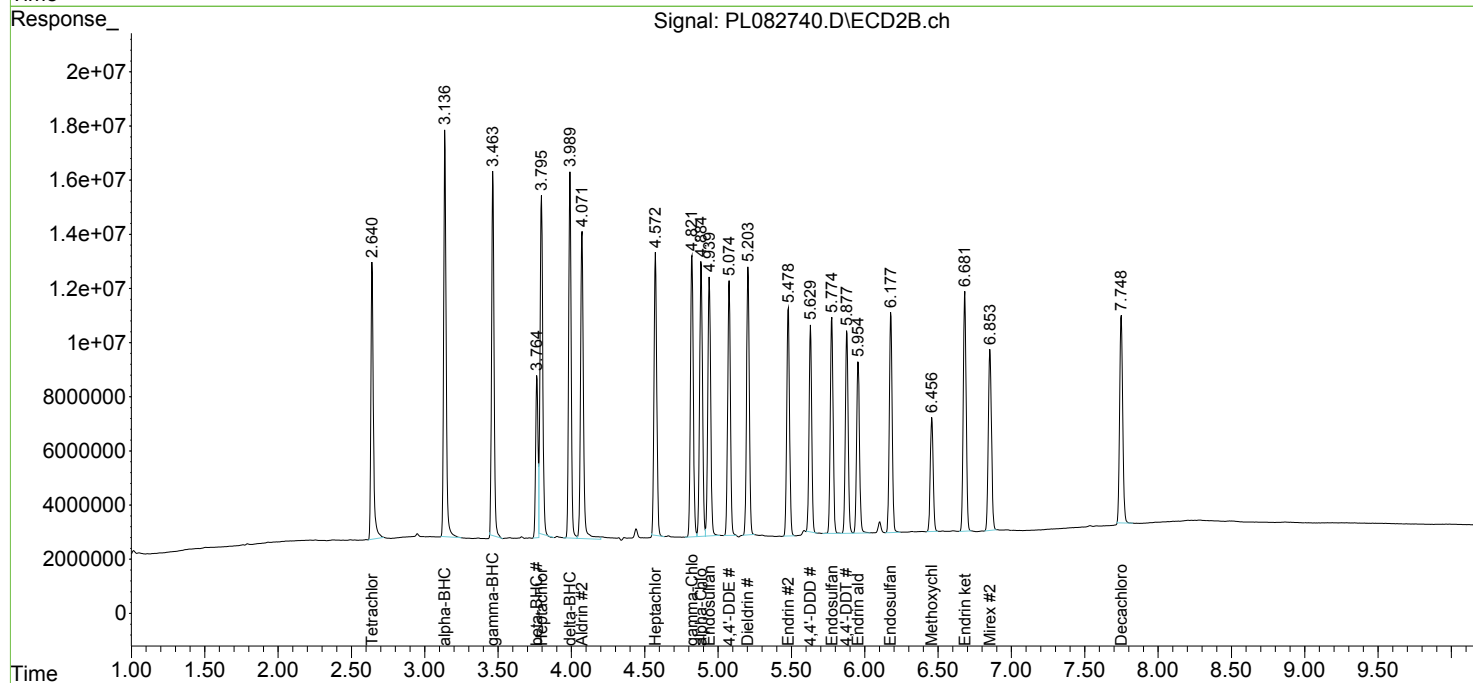
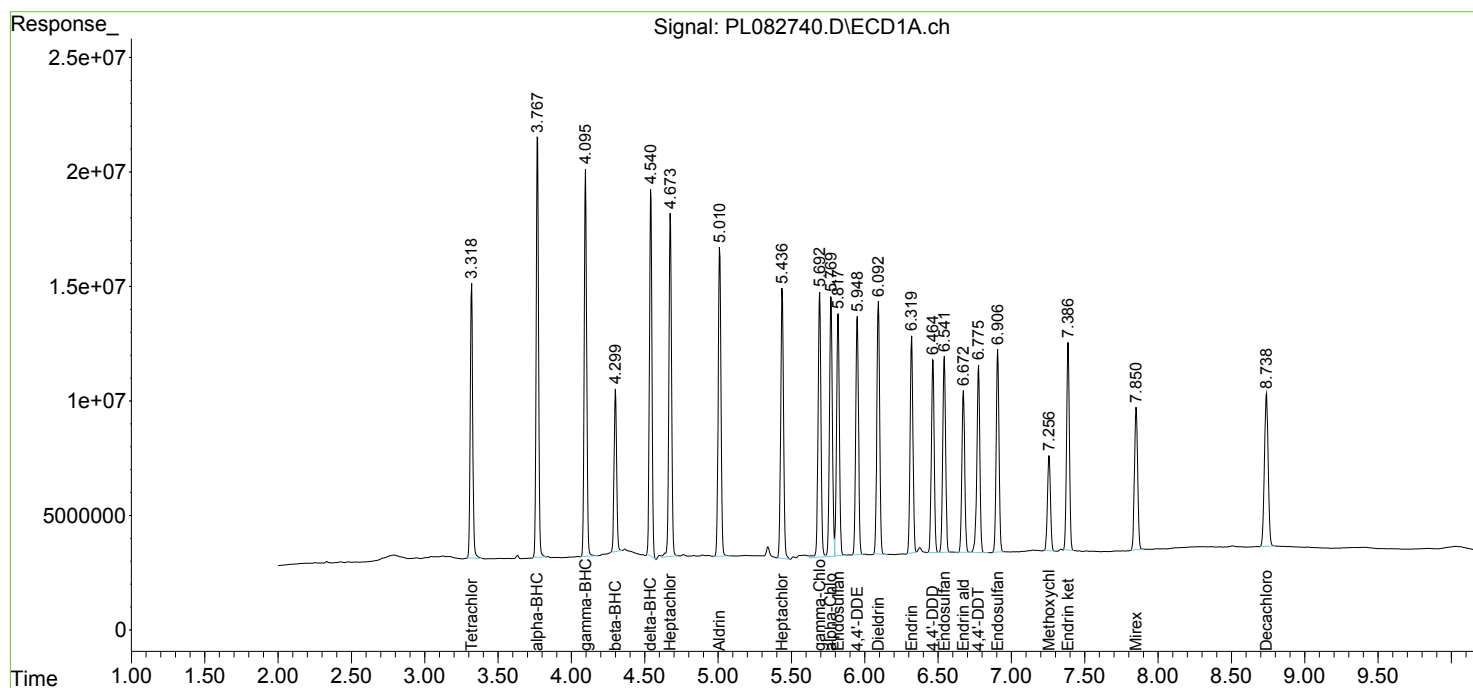
APPROVED

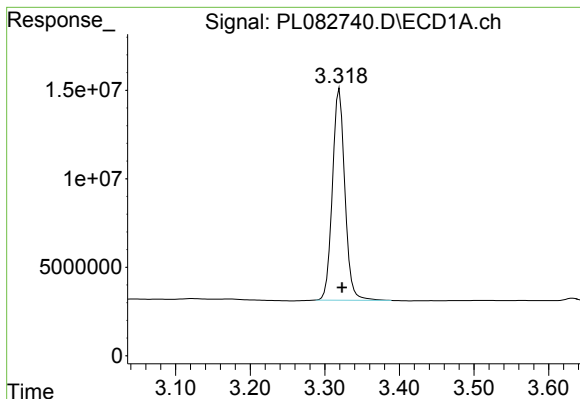
Reviewed By :Abdul Mirza 05/17/2023

Supervised By :Ankita Jodhani 05/17/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 16 21:50:24 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





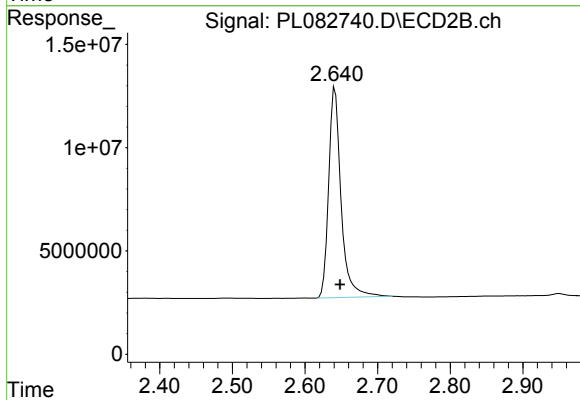
#1 Tetrachloro-m-xylene

R.T.: 3.320 min
Delta R.T.: -0.003 min
Response: 138920114
Conc: 52.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

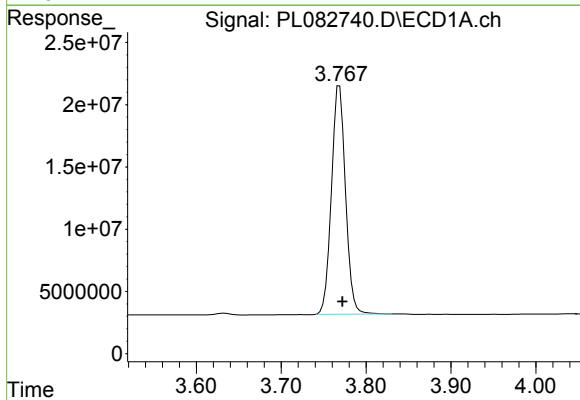
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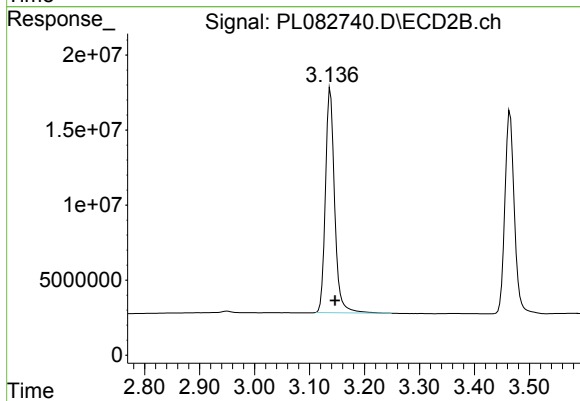
#1 Tetrachloro-m-xylene

R.T.: 2.641 min
Delta R.T.: -0.007 min
Response: 121312545
Conc: 52.36 ng/ml



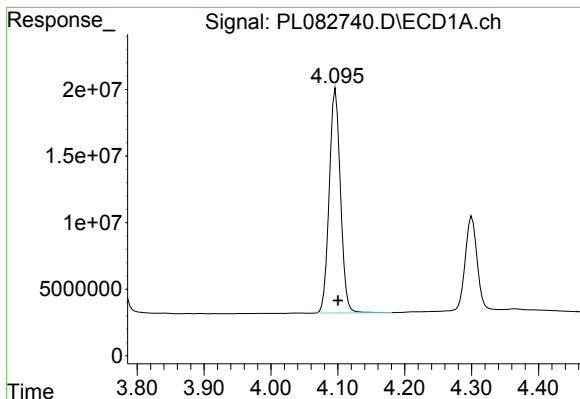
#2 alpha-BHC

R.T.: 3.769 min
Delta R.T.: -0.004 min
Response: 211308789
Conc: 53.09 ng/ml



#2 alpha-BHC

R.T.: 3.138 min
Delta R.T.: -0.008 min
Response: 173644257
Conc: 51.02 ng/ml



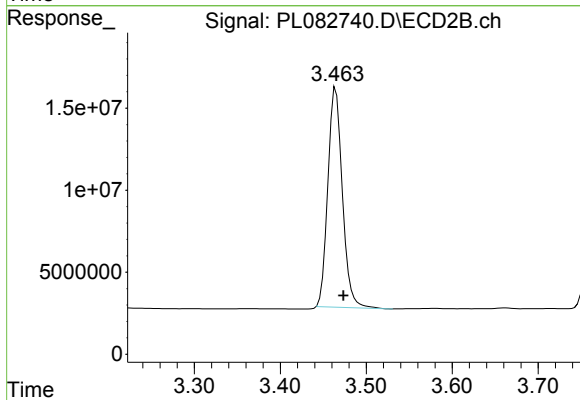
#3 gamma-BHC (Lindane)

R.T.: 4.097 min
Delta R.T.: -0.004 min
Response: 195760697
Conc: 52.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

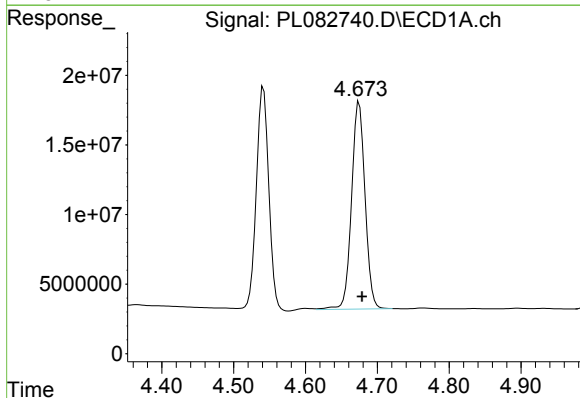
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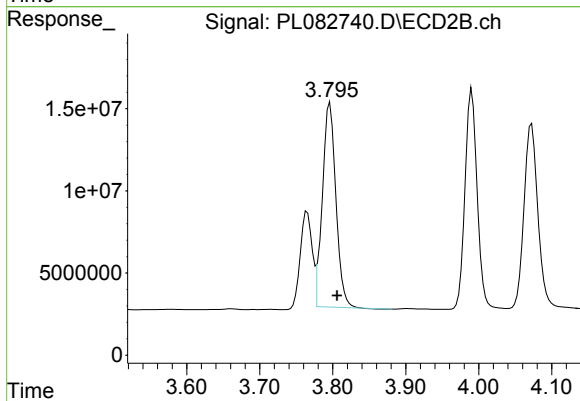
#3 gamma-BHC (Lindane)

R.T.: 3.465 min
Delta R.T.: -0.009 min
Response: 156653944
Conc: 48.72 ng/ml



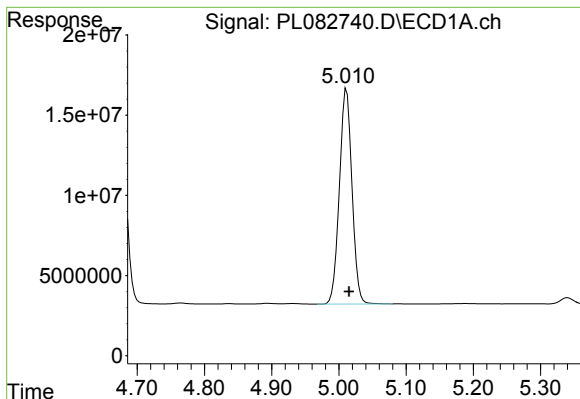
#4 Heptachlor

R.T.: 4.675 min
Delta R.T.: -0.004 min
Response: 193774289
Conc: 53.03 ng/ml



#4 Heptachlor

R.T.: 3.796 min
Delta R.T.: -0.010 min
Response: 159552074
Conc: 46.61 ng/ml



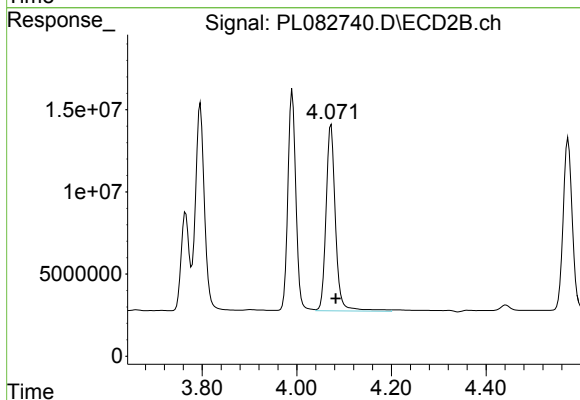
#5 Aldrin

R.T.: 5.011 min
Delta R.T.: -0.004 min
Response: 173773966
Conc: 52.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

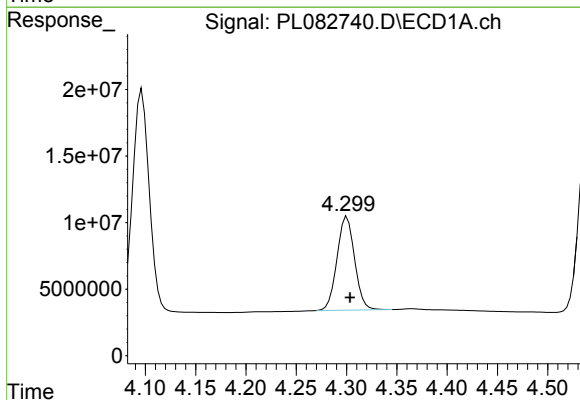
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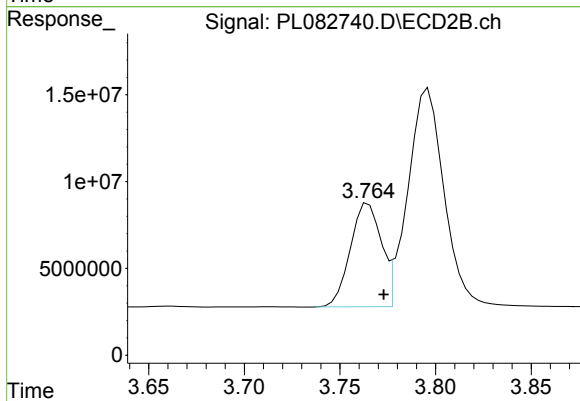
#5 Aldrin

R.T.: 4.072 min
Delta R.T.: -0.010 min
Response: 157279115
Conc: 49.93 ng/ml



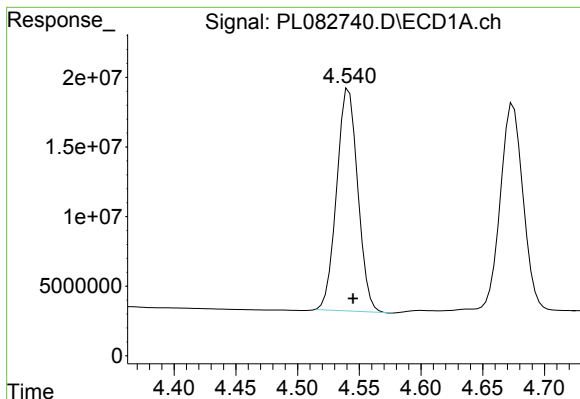
#6 beta-BHC

R.T.: 4.301 min
Delta R.T.: -0.003 min
Response: 85464690
Conc: 50.11 ng/ml



#6 beta-BHC

R.T.: 3.764 min
Delta R.T.: -0.009 min
Response: 68572480
Conc: 50.26 ng/ml m



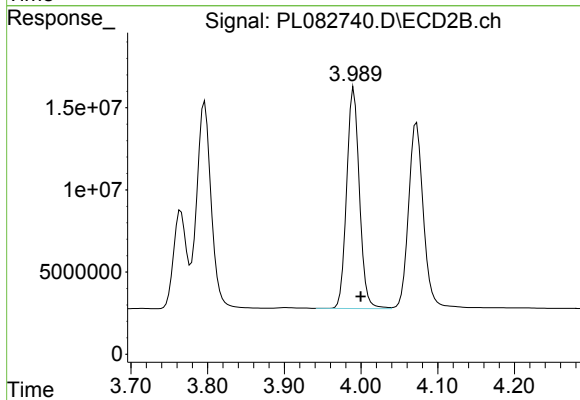
#7 delta-BHC

R.T.: 4.541 min
Delta R.T.: -0.004 min
Response: 190084164
Conc: 52.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

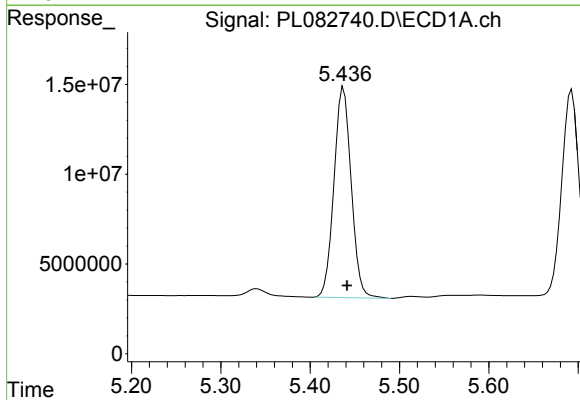
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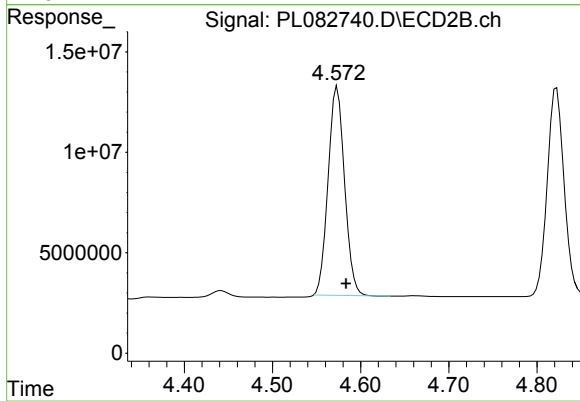
#7 delta-BHC

R.T.: 3.991 min
Delta R.T.: -0.009 min
Response: 156046737
Conc: 50.87 ng/ml



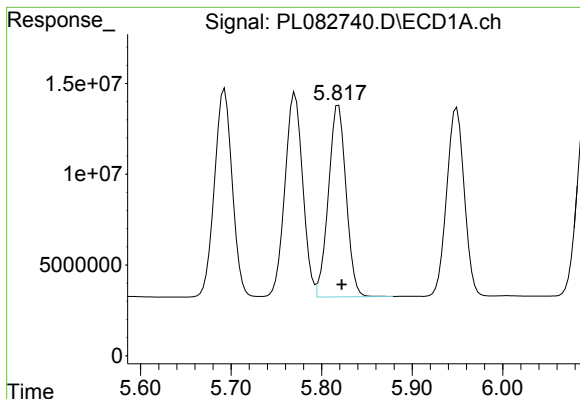
#8 Heptachlor epoxide

R.T.: 5.437 min
Delta R.T.: -0.004 min
Response: 156897273
Conc: 51.44 ng/ml



#8 Heptachlor epoxide

R.T.: 4.573 min
Delta R.T.: -0.010 min
Response: 134904224
Conc: 46.83 ng/ml



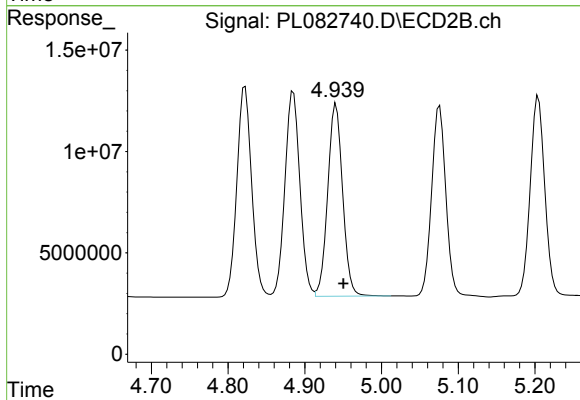
#9 Endosulfan I

R.T.: 5.819 min
Delta R.T.: -0.003 min
Response: 143672915
Conc: 51.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

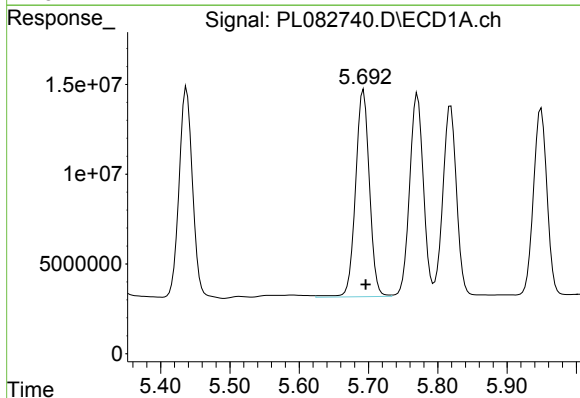
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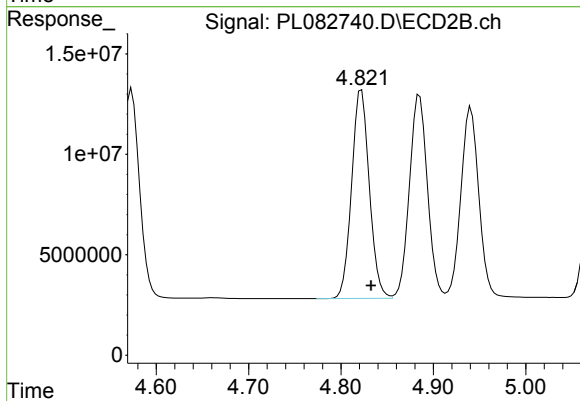
#9 Endosulfan I

R.T.: 4.941 min
Delta R.T.: -0.010 min
Response: 128075465
Conc: 47.98 ng/ml



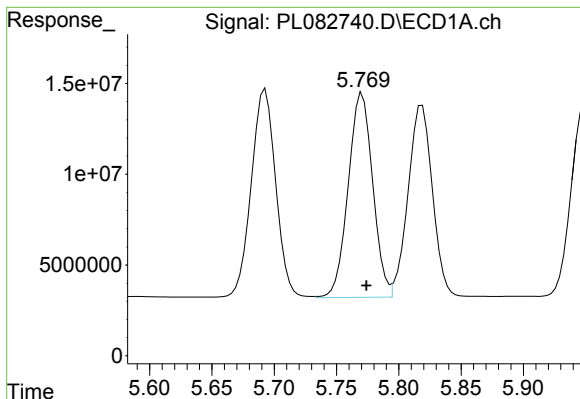
#10 gamma-Chlordane

R.T.: 5.693 min
Delta R.T.: -0.003 min
Response: 160281972
Conc: 53.31 ng/ml



#10 gamma-Chlordane

R.T.: 4.822 min
Delta R.T.: -0.010 min
Response: 138209977
Conc: 47.63 ng/ml



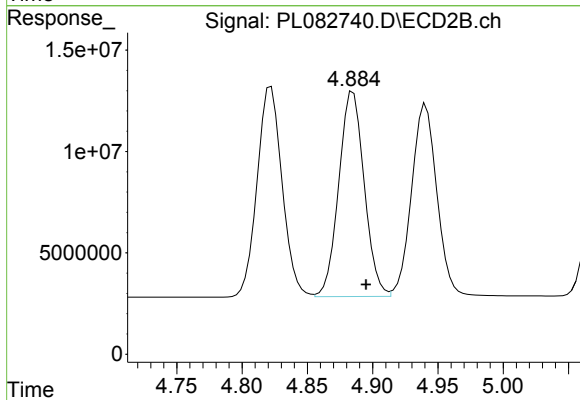
#11 alpha-Chlordane

R.T.: 5.771 min
Delta R.T.: -0.003 min
Response: 154712516
Conc: 51.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

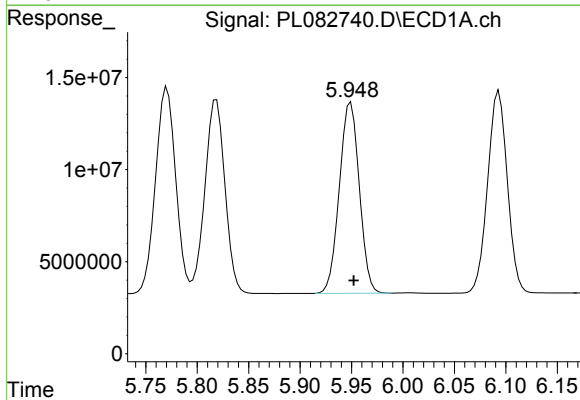
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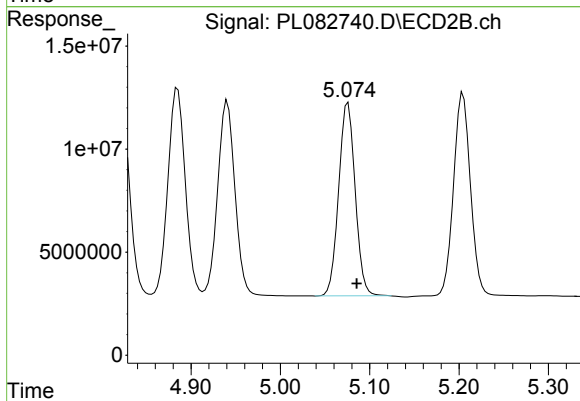
#11 alpha-Chlordane

R.T.: 4.885 min
Delta R.T.: -0.010 min
Response: 137439369
Conc: 47.35 ng/ml



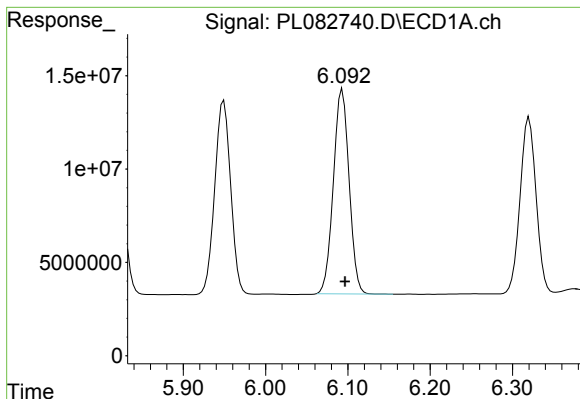
#12 4,4'-DDE

R.T.: 5.949 min
Delta R.T.: -0.003 min
Response: 139931764
Conc: 55.05 ng/ml



#12 4,4'-DDE

R.T.: 5.074 min
Delta R.T.: -0.011 min
Response: 120315535
Conc: 52.33 ng/ml m



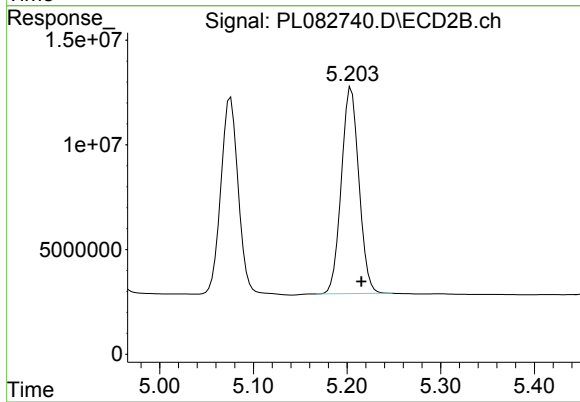
#13 Dieldrin

R.T.: 6.093 min
Delta R.T.: -0.003 min
Response: 145495488
Conc: 52.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

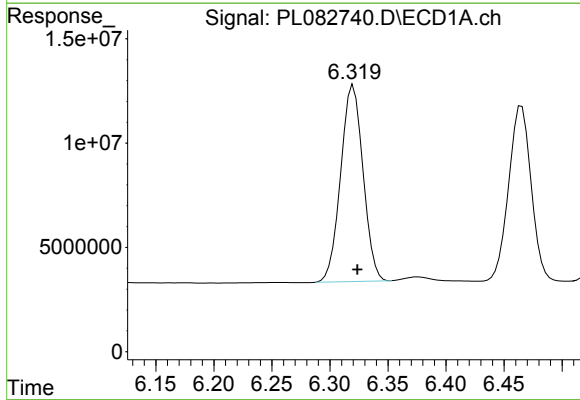
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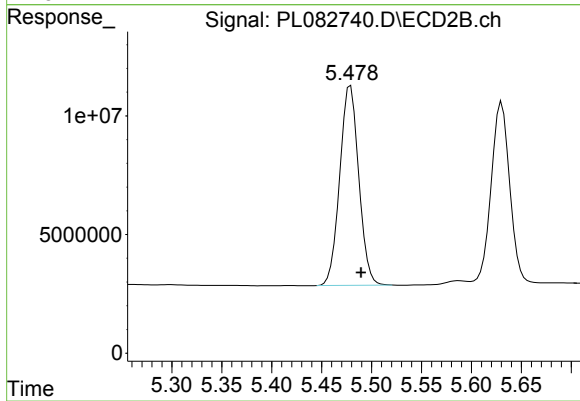
#13 Dieldrin

R.T.: 5.203 min
Delta R.T.: -0.012 min
Response: 128530772
Conc: 47.60 ng/ml m



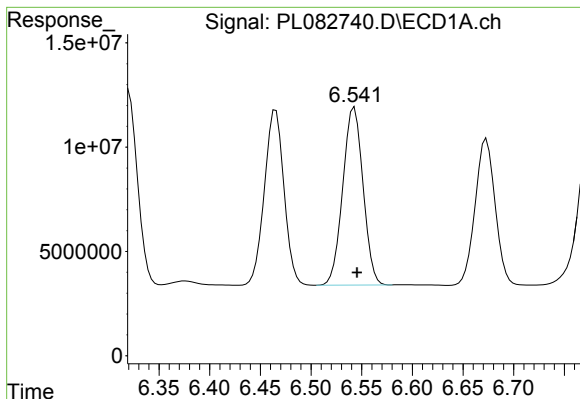
#14 Endrin

R.T.: 6.320 min
Delta R.T.: -0.003 min
Response: 126376657
Conc: 52.12 ng/ml



#14 Endrin

R.T.: 5.478 min
Delta R.T.: -0.012 min
Response: 111457429
Conc: 45.57 ng/ml m



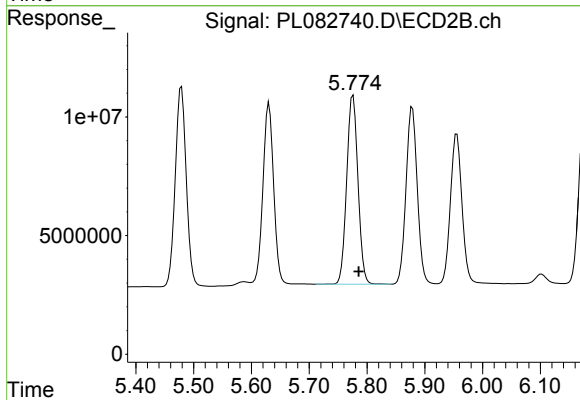
#15 Endosulfan II

R.T.: 6.543 min
Delta R.T.: -0.003 min
Response: 118509447
Conc: 48.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

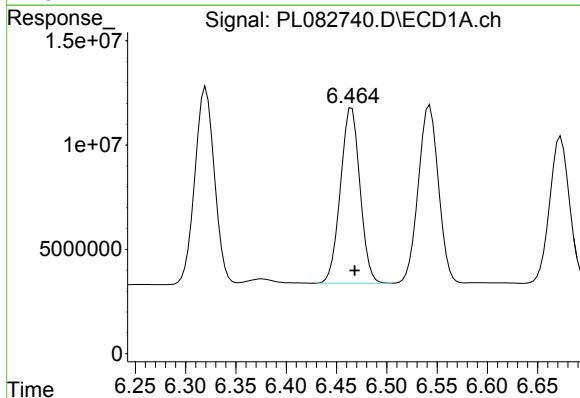
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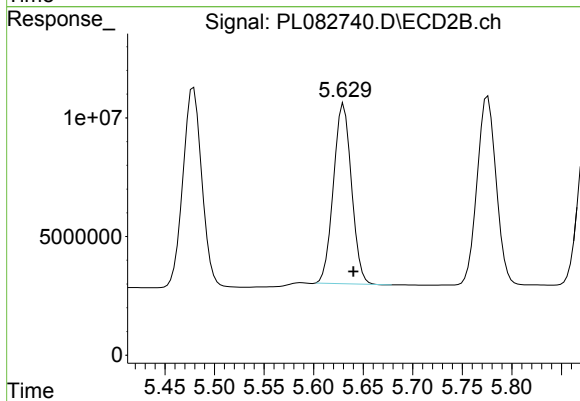
#15 Endosulfan II

R.T.: 5.776 min
Delta R.T.: -0.010 min
Response: 107079615
Conc: 47.50 ng/ml



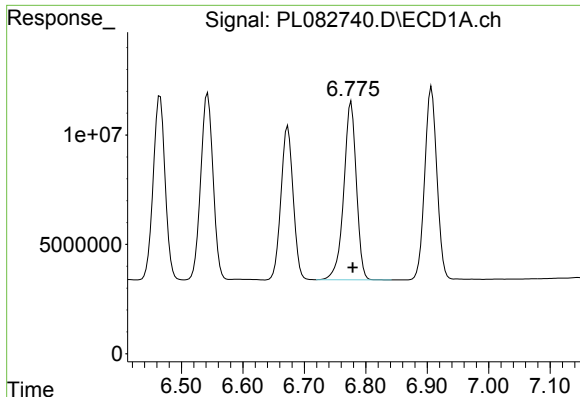
#16 4,4'-DDD

R.T.: 6.465 min
Delta R.T.: -0.003 min
Response: 113458136
Conc: 55.97 ng/ml



#16 4,4'-DDD

R.T.: 5.630 min
Delta R.T.: -0.010 min
Response: 96071916
Conc: 51.36 ng/ml



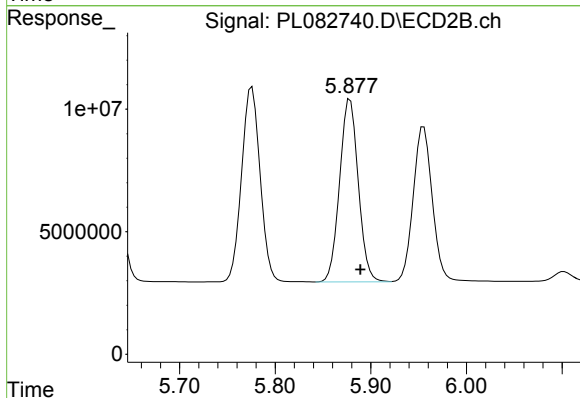
#17 4,4'-DDT

R.T.: 6.776 min
Delta R.T.: -0.003 min
Response: 115777851
Conc: 50.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

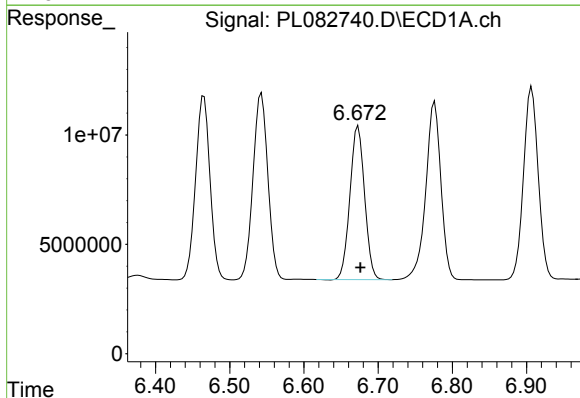
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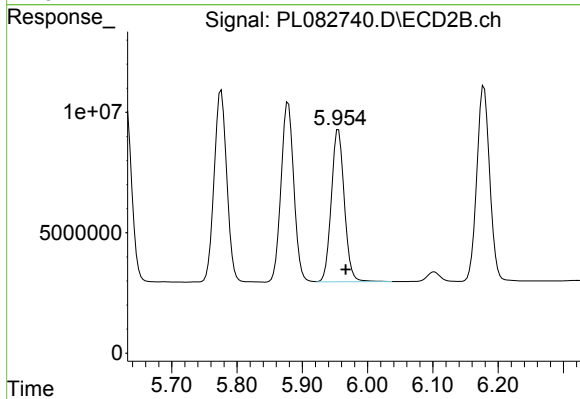
#17 4,4'-DDT

R.T.: 5.878 min
Delta R.T.: -0.011 min
Response: 101355765
Conc: 47.98 ng/ml



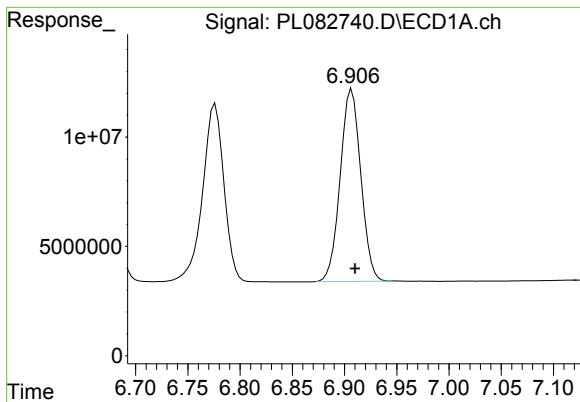
#18 Endrin aldehyde

R.T.: 6.673 min
Delta R.T.: -0.003 min
Response: 96047858
Conc: 50.98 ng/ml



#18 Endrin aldehyde

R.T.: 5.955 min
Delta R.T.: -0.011 min
Response: 87584426
Conc: 46.80 ng/ml



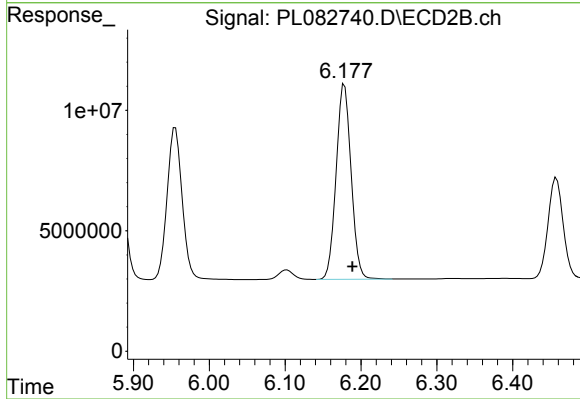
#19 Endosulfan Sulfate

R.T.: 6.907 min
Delta R.T.: -0.003 min
Response: 120507798
Conc: 50.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

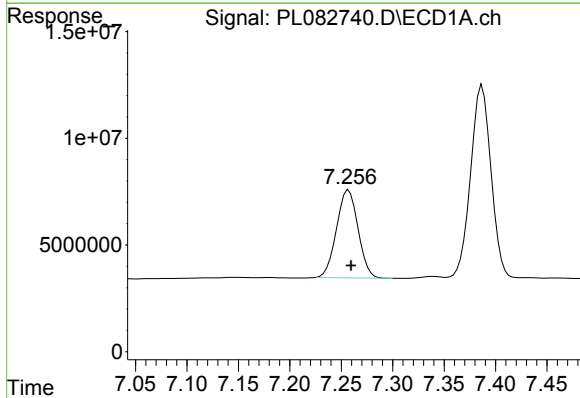
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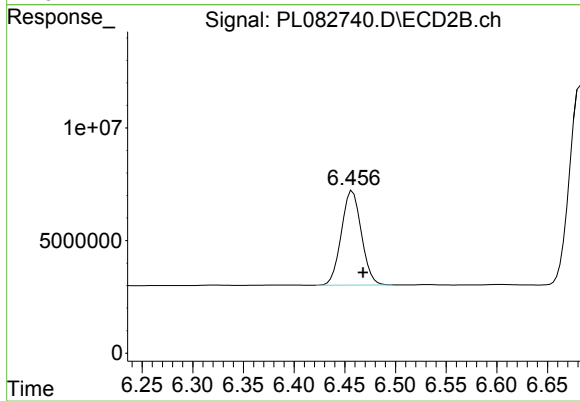
#19 Endosulfan Sulfate

R.T.: 6.178 min
Delta R.T.: -0.010 min
Response: 111292072
Conc: 47.27 ng/ml



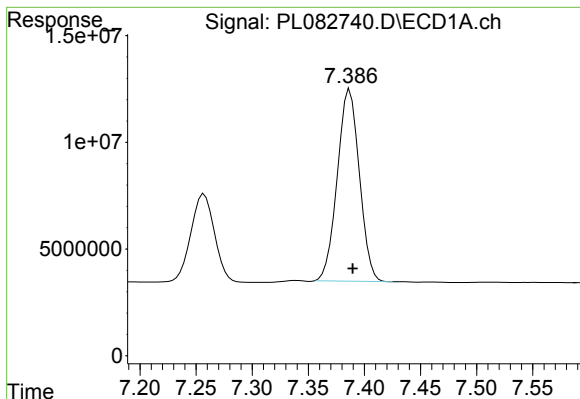
#20 Methoxychlor

R.T.: 7.257 min
Delta R.T.: -0.002 min
Response: 59896994
Conc: 49.08 ng/ml



#20 Methoxychlor

R.T.: 6.456 min
Delta R.T.: -0.012 min
Response: 57628077
Conc: 47.55 ng/ml m



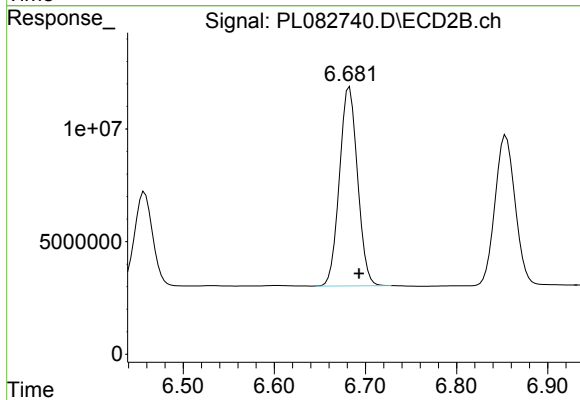
#21 Endrin ketone

R.T.: 7.387 min
Delta R.T.: -0.002 min
Response: 122989139
Conc: 51.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

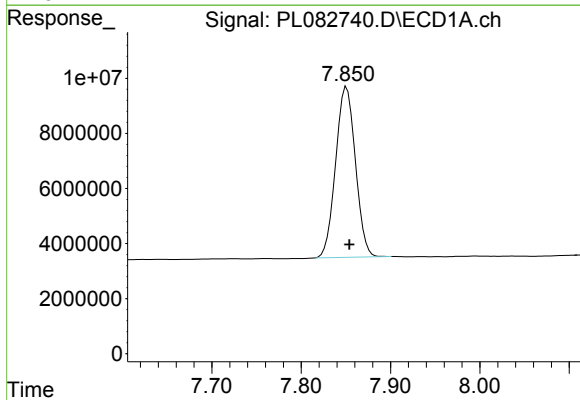
Manual Integrations
APPROVED

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



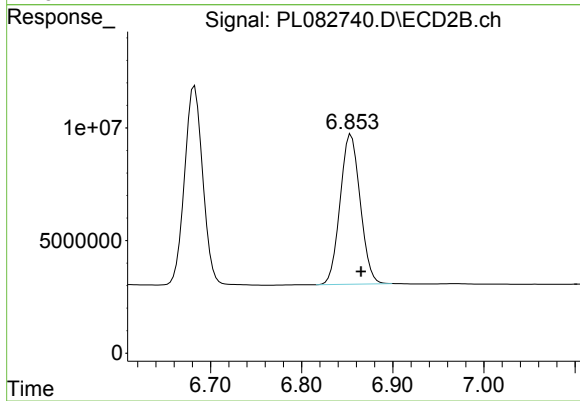
#21 Endrin ketone

R.T.: 6.681 min
Delta R.T.: -0.012 min
Response: 121750242
Conc: 47.97 ng/ml m



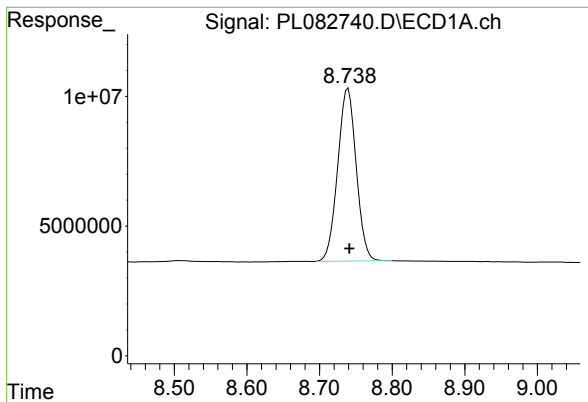
#22 Mirex

R.T.: 7.851 min
Delta R.T.: -0.003 min
Response: 95300711
Conc: 48.71 ng/ml



#22 Mirex

R.T.: 6.853 min
Delta R.T.: -0.012 min
Response: 101683106
Conc: 44.13 ng/ml m



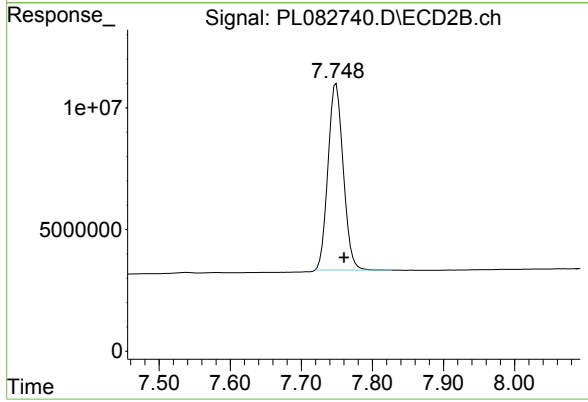
#28 Decachlorobiphenyl

R.T.: 8.739 min
Delta R.T.: -0.002 min
Response: 118001580
Conc: 61.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 05/17/2023



#28 Decachlorobiphenyl

R.T.: 7.749 min
Delta R.T.: -0.011 min
Response: 114202380
Conc: 50.03 ng/ml