

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051623\
 Data File : PL082724.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 May 2023 09:51
 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 21:35:25 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...	3.321	2.642	141.3E6	114.0E6	52.891	49.214
28)	SA Decachlor...	8.739	7.748	97377030	104.2E6	51.007	45.671m
Target Compounds							
2)	A alpha-BHC	3.770	3.138	216.2E6	164.5E6	54.306	48.331
3)	MA gamma-BHC...	4.098	3.465	201.4E6	153.2E6	53.854	47.662
4)	MA Heptachlor	4.676	3.796	194.9E6	153.0E6	53.353	44.686
5)	MB Aldrin	5.012	4.073	178.3E6	149.8E6	54.065	47.543
6)	B beta-BHC	4.301	3.764	88201093	61845872	51.716	45.328m
7)	B delta-BHC	4.543	3.991	193.8E6	150.0E6	53.858	48.918
8)	B Heptachlo...	5.439	4.574	163.3E6	134.2E6	53.542	46.581
9)	A Endosulfan I	5.819	4.941	145.6E6	125.6E6	52.506	47.064
10)	B gamma-Chl...	5.694	4.823	163.8E6	136.1E6	54.488	46.894
11)	B alpha-Chl...	5.771	4.886	157.5E6	135.4E6	52.768	46.658
12)	B 4,4'-DDE	5.950	5.075	139.8E6	116.9E6	54.996	50.839m
13)	MA Dieldrin	6.094	5.204	145.6E6	127.3E6	52.778	47.138m
14)	MA Endrin	6.321	5.478	128.8E6	112.9E6	53.108	46.165m
15)	B Endosulfa...	6.543	5.776	121.5E6	106.8E6	49.897	47.382
16)	A 4,4'-DDD	6.466	5.631	114.4E6	95664576	56.417	51.147
17)	MA 4,4'-DDT	6.777	5.879	118.9E6	100.7E6	51.973	47.674
18)	B Endrin al...	6.673	5.956	98646688	87023188	52.355	46.502
19)	B Endosulfa...	6.908	6.179	124.3E6	110.5E6	52.406	46.941
20)	A Methoxychlor	7.257	6.457	60872655	57169602	49.882	47.176m
21)	B Endrin ke...	7.387	6.682	122.5E6	121.3E6	51.169	47.786m
22)	Mirex	7.852	6.854	97167975	104.7E6	49.669	45.434m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051623\
Data File : PL082724.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 May 2023 09:51
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

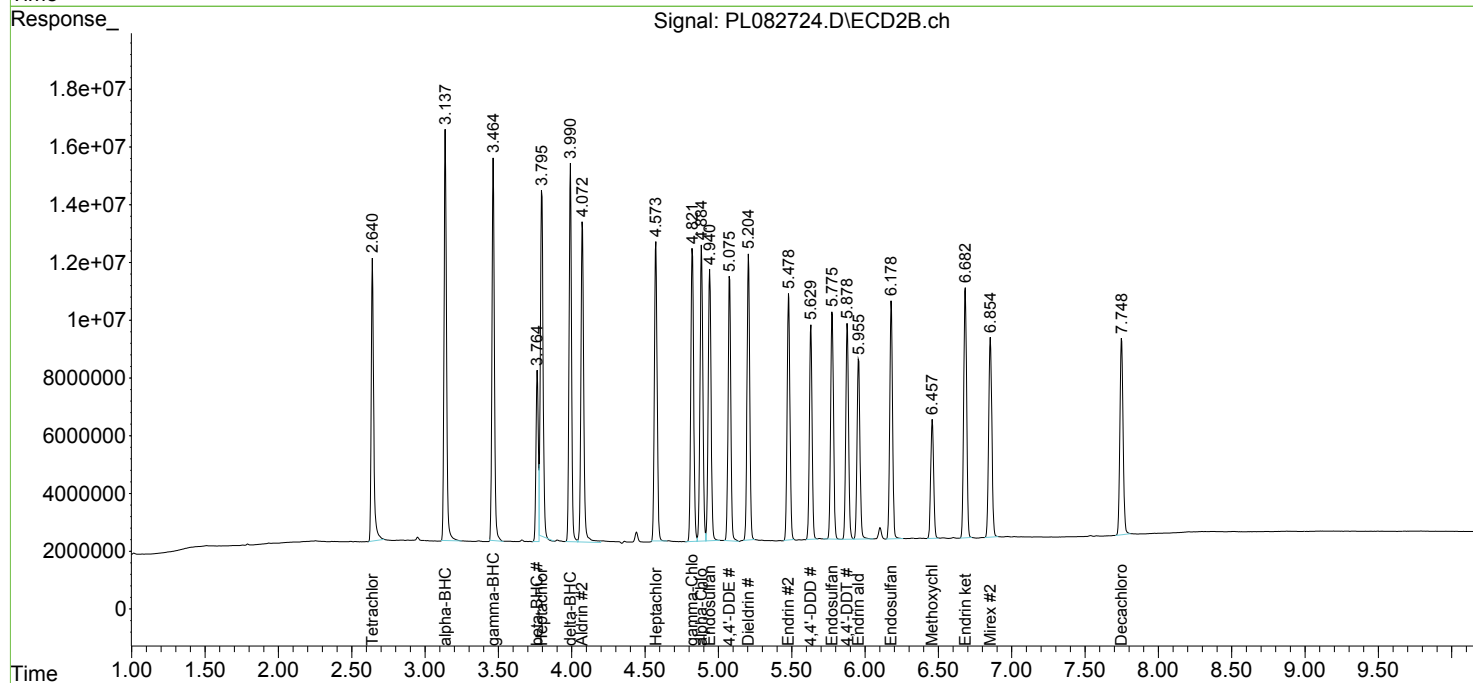
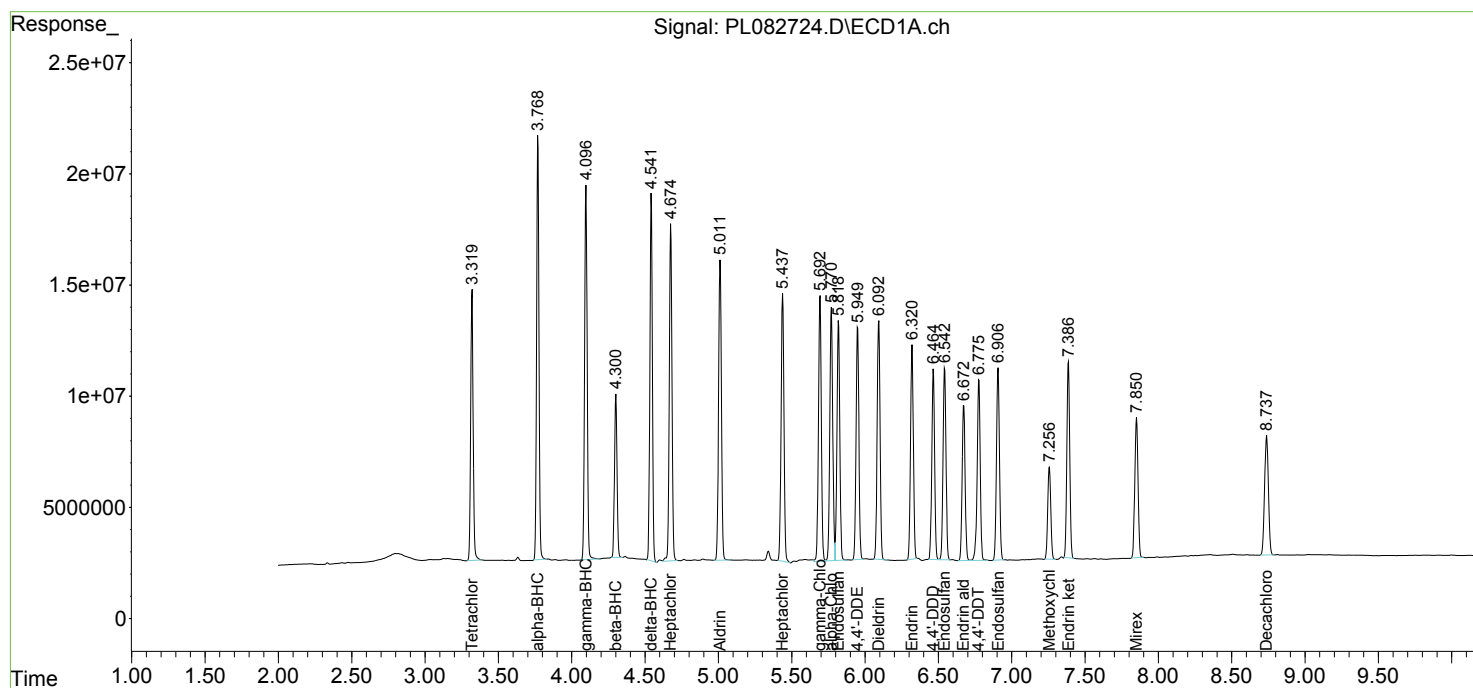
APPROVED

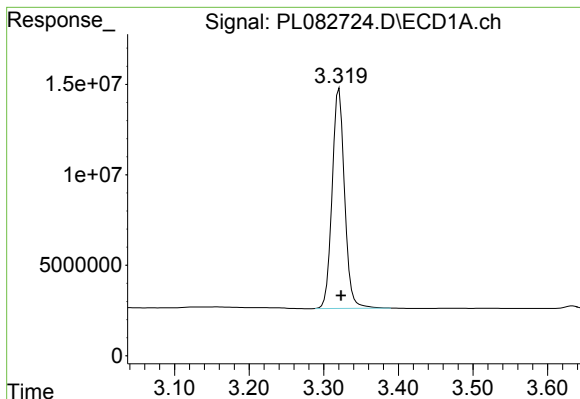
Reviewed By :Abdul Mirza 05/17/2023

Supervised By :Ankita Jodhani 05/17/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 16 21:35:25 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





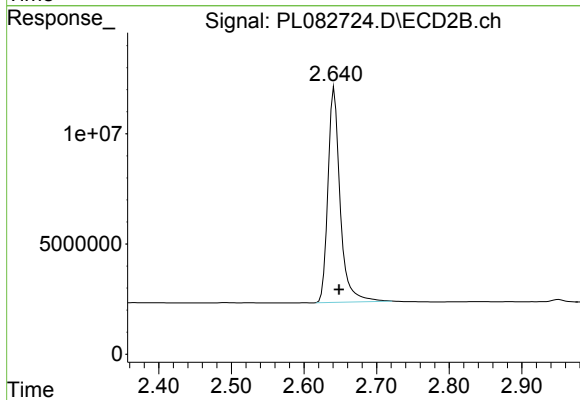
#1 Tetrachloro-m-xylene

R.T.: 3.321 min
Delta R.T.: -0.002 min
Response: 141282537
Conc: 52.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

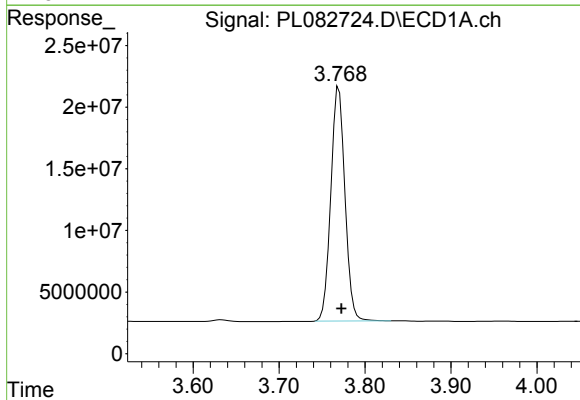
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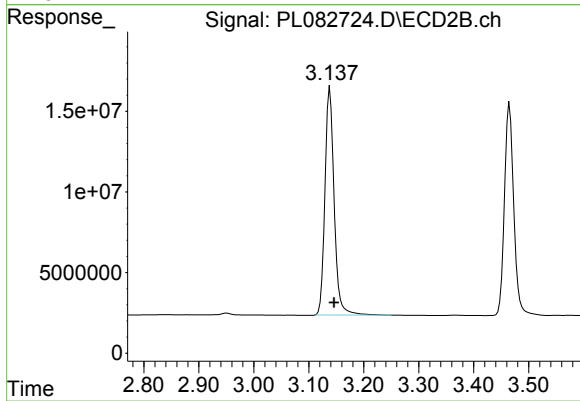
#1 Tetrachloro-m-xylene

R.T.: 2.642 min
Delta R.T.: -0.006 min
Response: 114016674
Conc: 49.21 ng/ml



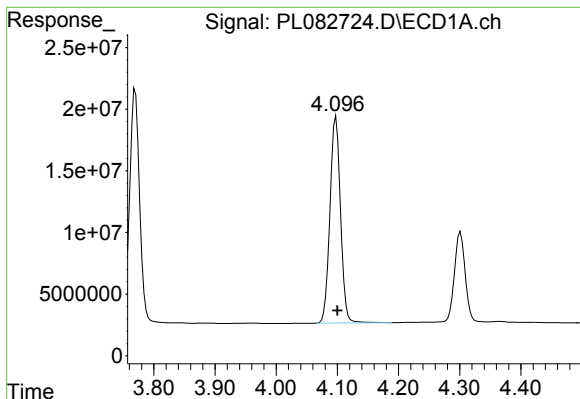
#2 alpha-BHC

R.T.: 3.770 min
Delta R.T.: -0.003 min
Response: 216150746
Conc: 54.31 ng/ml



#2 alpha-BHC

R.T.: 3.138 min
Delta R.T.: -0.008 min
Response: 164491959
Conc: 48.33 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.098 min
Delta R.T.: -0.003 min
Response: 201358203
Conc: 53.85 ng/ml

Instrument :

ECD_L

ClientSampleId :

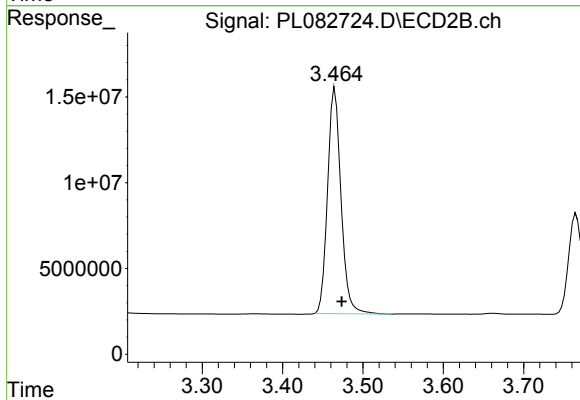
PSTDCCC050

Manual Integrations

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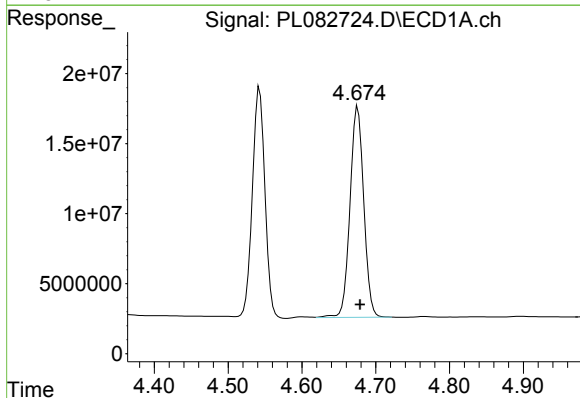
Reviewed By :Abdul Mirza 05/17/2023

Supervised By :Ankita Jodhani 05/17/2023



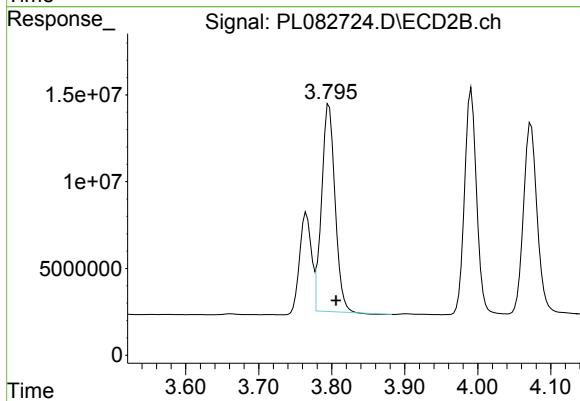
#3 gamma-BHC (Lindane)

R.T.: 3.465 min
Delta R.T.: -0.008 min
Response: 153246095
Conc: 47.66 ng/ml



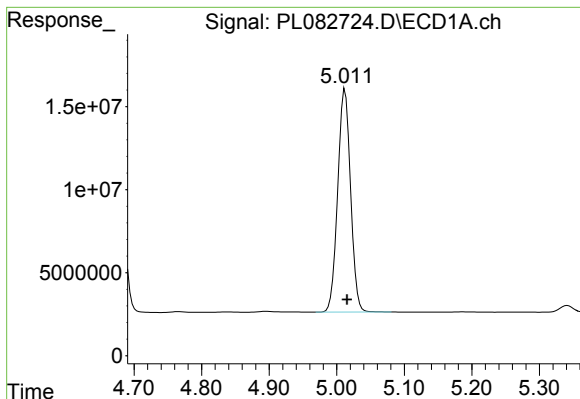
#4 Heptachlor

R.T.: 4.676 min
Delta R.T.: -0.003 min
Response: 194946913
Conc: 53.35 ng/ml



#4 Heptachlor

R.T.: 3.796 min
Delta R.T.: -0.009 min
Response: 152971730
Conc: 44.69 ng/ml



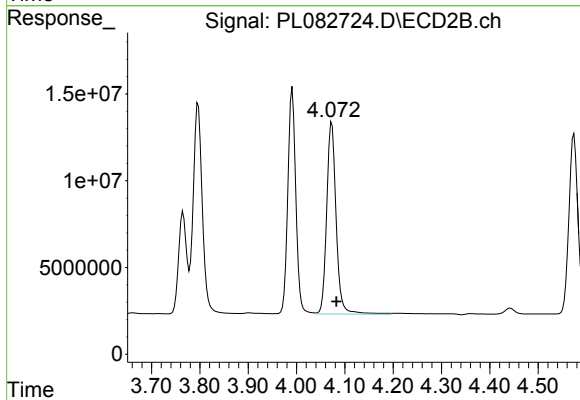
#5 Aldrin

R.T.: 5.012 min
Delta R.T.: -0.003 min
Response: 178284790
Conc: 54.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

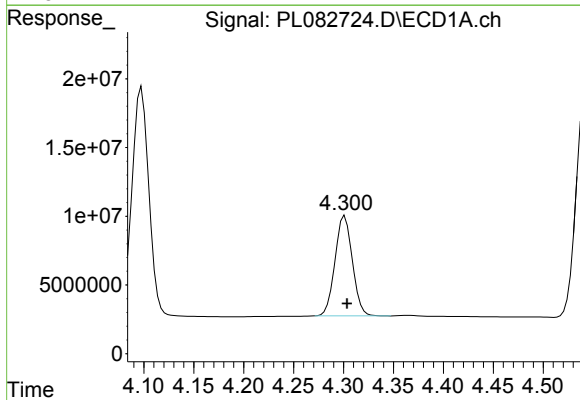
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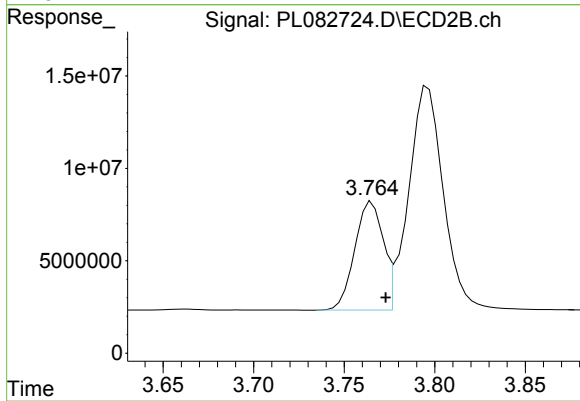
#5 Aldrin

R.T.: 4.073 min
Delta R.T.: -0.009 min
Response: 149755191
Conc: 47.54 ng/ml



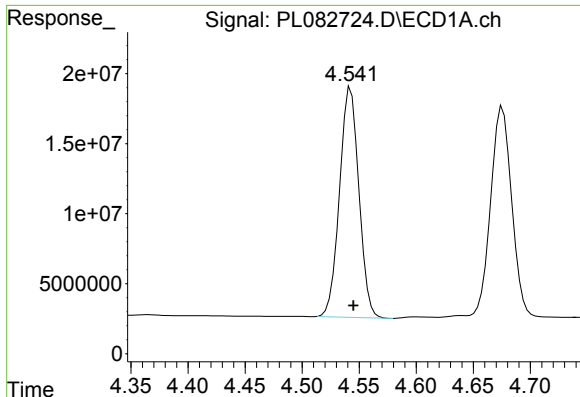
#6 beta-BHC

R.T.: 4.301 min
Delta R.T.: -0.002 min
Response: 88201093
Conc: 51.72 ng/ml



#6 beta-BHC

R.T.: 3.764 min
Delta R.T.: -0.009 min
Response: 61845872
Conc: 45.33 ng/ml m



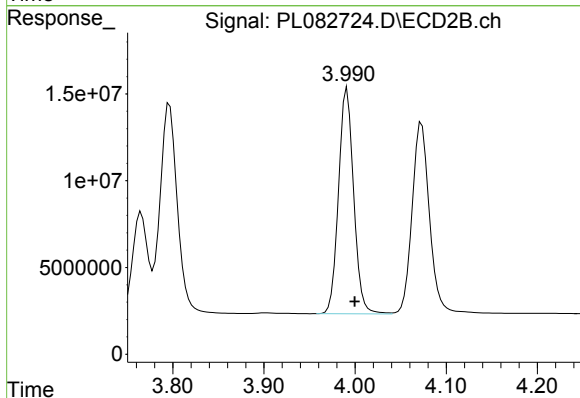
#7 delta-BHC

R.T.: 4.543 min
Delta R.T.: -0.003 min
Response: 193767777
Conc: 53.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

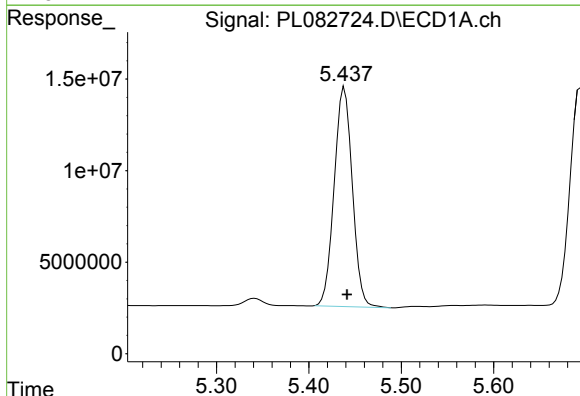
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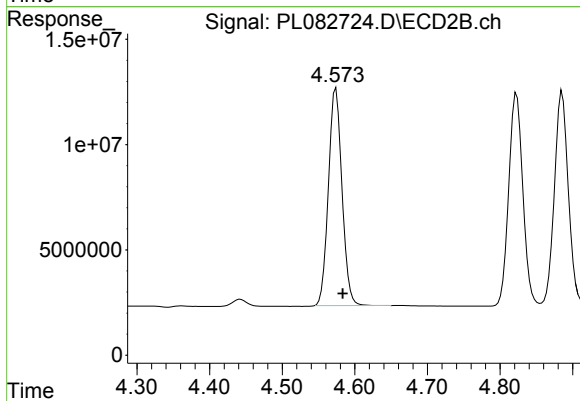
#7 delta-BHC

R.T.: 3.991 min
Delta R.T.: -0.008 min
Response: 150049638
Conc: 48.92 ng/ml



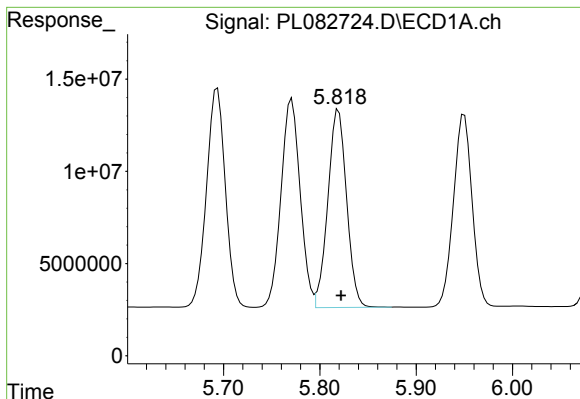
#8 Heptachlor epoxide

R.T.: 5.439 min
Delta R.T.: -0.003 min
Response: 163322930
Conc: 53.54 ng/ml



#8 Heptachlor epoxide

R.T.: 4.574 min
Delta R.T.: -0.009 min
Response: 134193822
Conc: 46.58 ng/ml



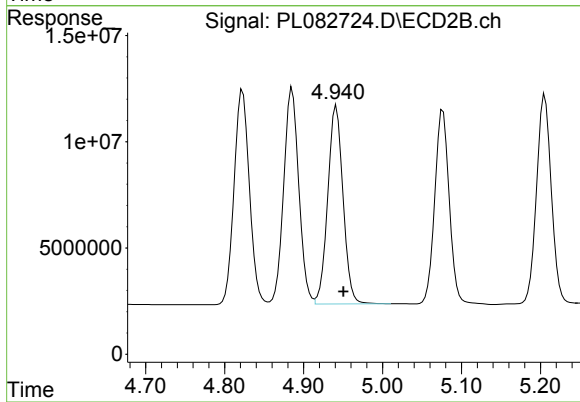
#9 Endosulfan I

R.T.: 5.819 min
Delta R.T.: -0.003 min
Response: 145584064
Conc: 52.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

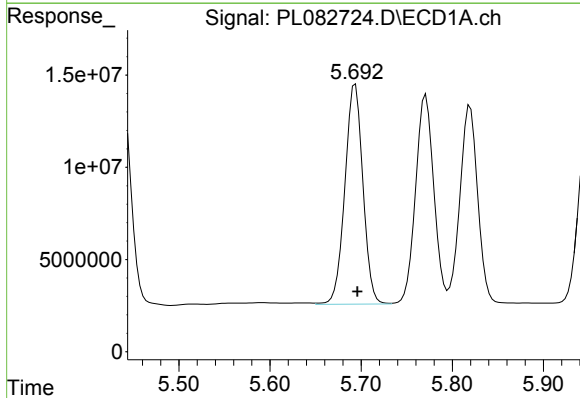
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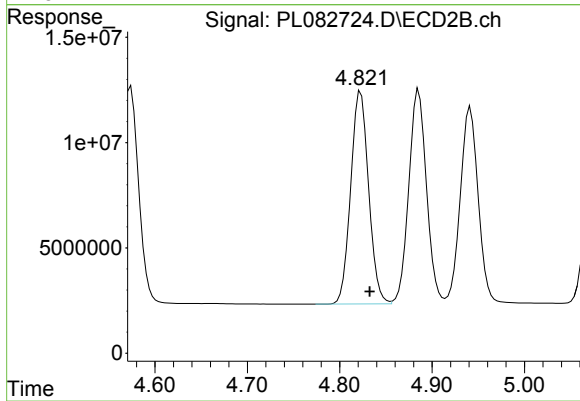
#9 Endosulfan I

R.T.: 4.941 min
Delta R.T.: -0.009 min
Response: 125633427
Conc: 47.06 ng/ml



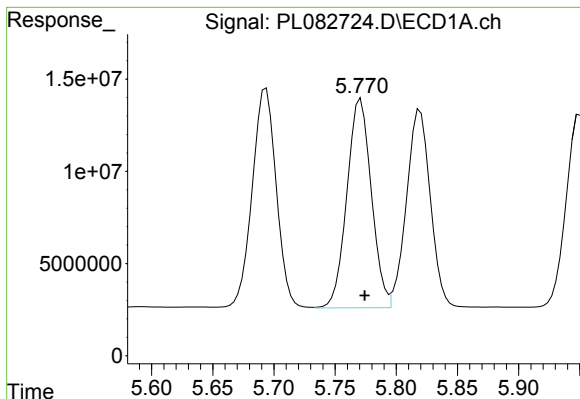
#10 gamma-Chlordane

R.T.: 5.694 min
Delta R.T.: -0.002 min
Response: 163838947
Conc: 54.49 ng/ml



#10 gamma-Chlordane

R.T.: 4.823 min
Delta R.T.: -0.010 min
Response: 136079566
Conc: 46.89 ng/ml



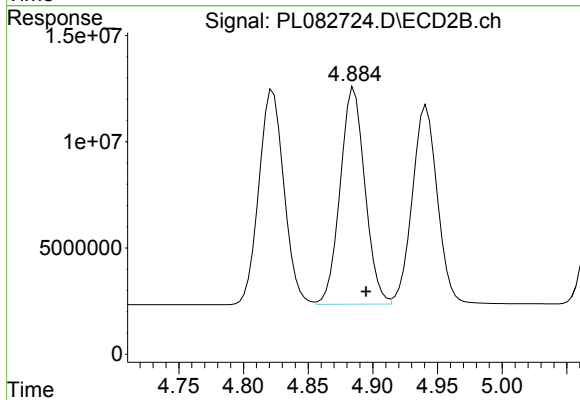
#11 alpha-Chlordane

R.T.: 5.771 min
Delta R.T.: -0.003 min
Response: 157491237
Conc: 52.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

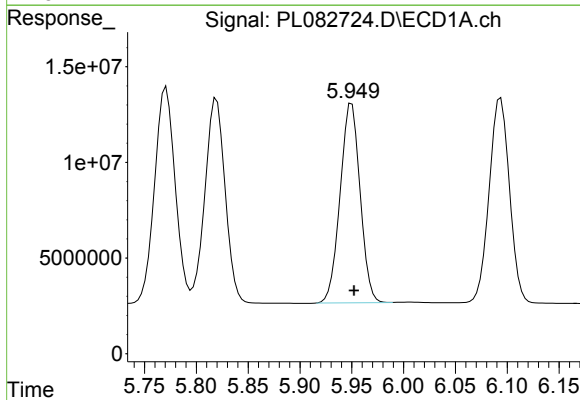
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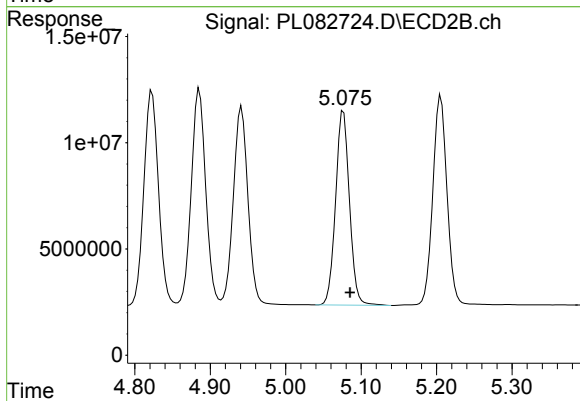
#11 alpha-Chlordane

R.T.: 4.886 min
Delta R.T.: -0.009 min
Response: 135439883
Conc: 46.66 ng/ml



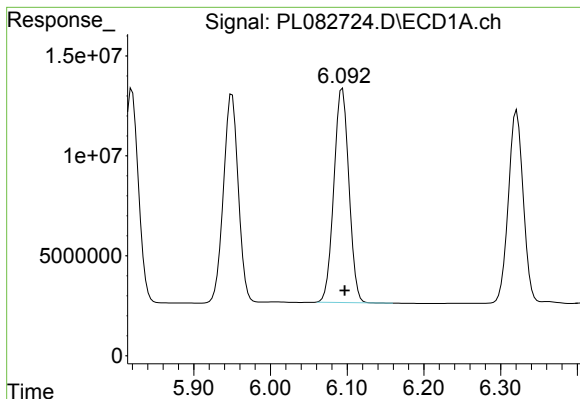
#12 4,4'-DDE

R.T.: 5.950 min
Delta R.T.: -0.002 min
Response: 139801817
Conc: 55.00 ng/ml



#12 4,4'-DDE

R.T.: 5.075 min
Delta R.T.: -0.011 min
Response: 116877360
Conc: 50.84 ng/ml m



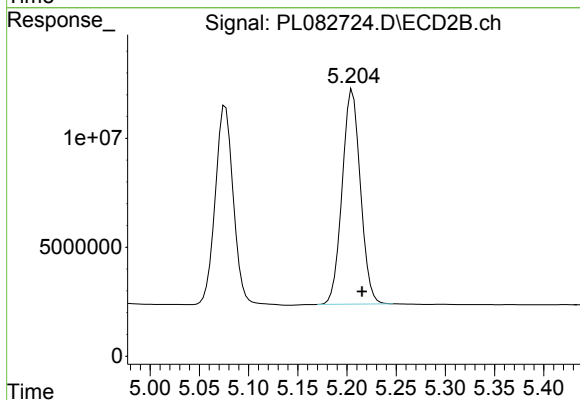
#13 Dieldrin

R.T.: 6.094 min
Delta R.T.: -0.003 min
Response: 145620138
Conc: 52.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

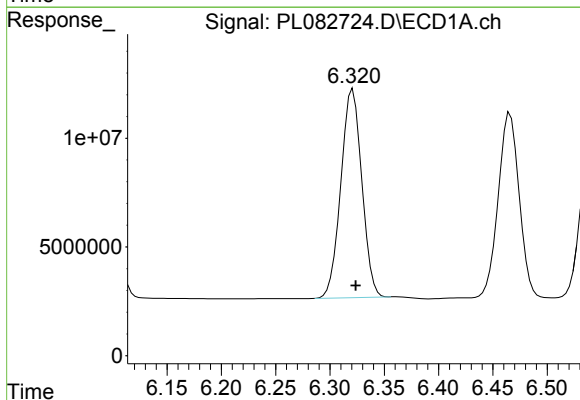
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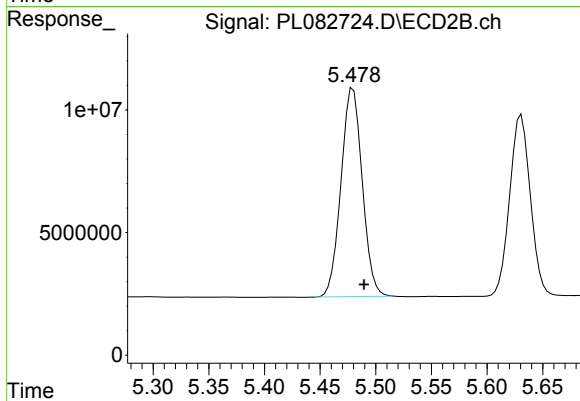
#13 Dieldrin

R.T.: 5.204 min
Delta R.T.: -0.011 min
Response: 127291323
Conc: 47.14 ng/ml m



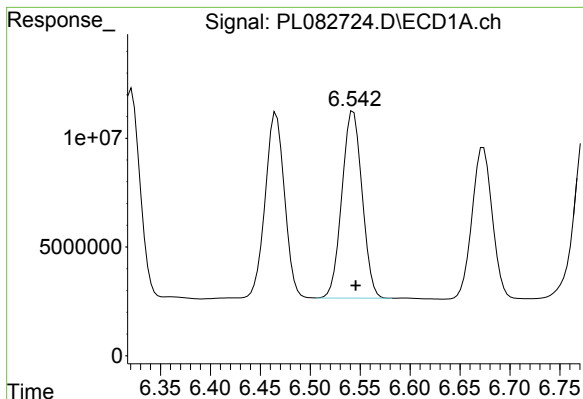
#14 Endrin

R.T.: 6.321 min
Delta R.T.: -0.003 min
Response: 128762447
Conc: 53.11 ng/ml



#14 Endrin

R.T.: 5.478 min
Delta R.T.: -0.011 min
Response: 112918724
Conc: 46.17 ng/ml m



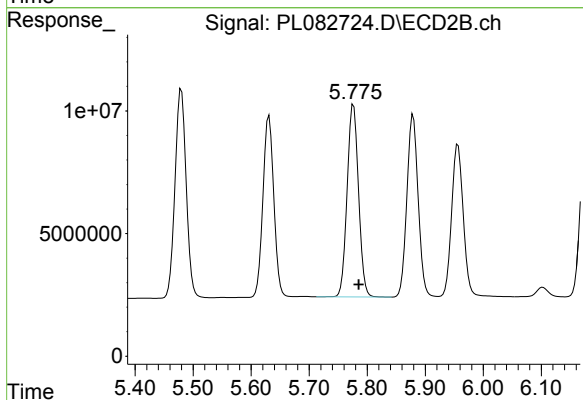
#15 Endosulfan II

R.T.: 6.543 min
Delta R.T.: -0.002 min
Response: 121477458
Conc: 49.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

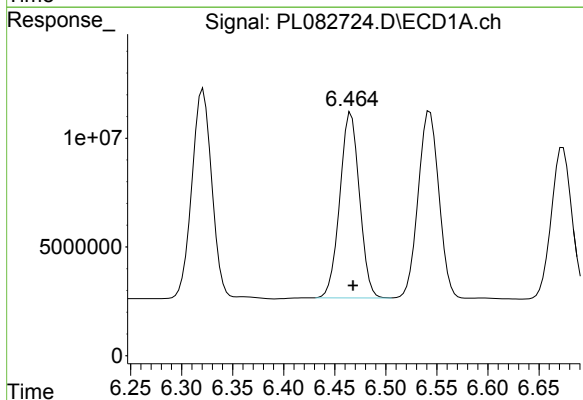
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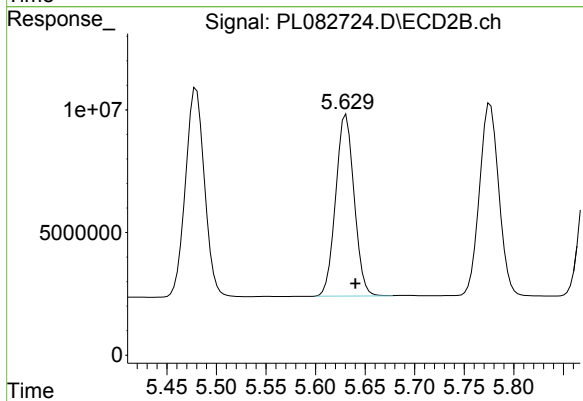
#15 Endosulfan II

R.T.: 5.776 min
Delta R.T.: -0.009 min
Response: 106804702
Conc: 47.38 ng/ml



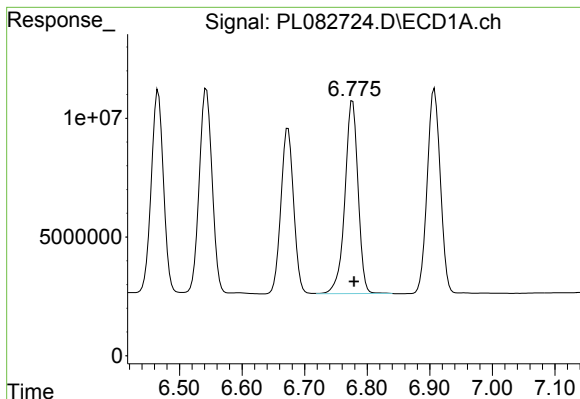
#16 4,4'-DDD

R.T.: 6.466 min
Delta R.T.: -0.002 min
Response: 114368220
Conc: 56.42 ng/ml



#16 4,4'-DDD

R.T.: 5.631 min
Delta R.T.: -0.010 min
Response: 95664576
Conc: 51.15 ng/ml



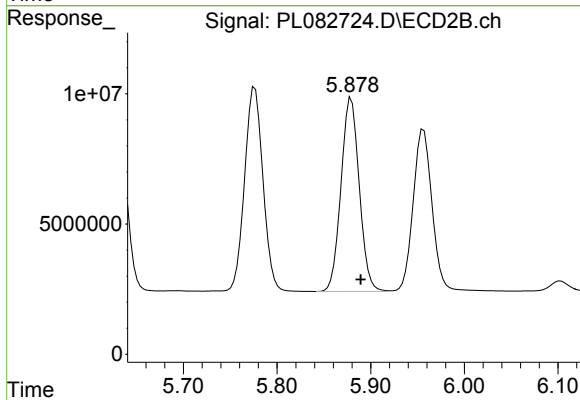
#17 4,4'-DDT

R.T.: 6.777 min
Delta R.T.: -0.002 min
Response: 118898407
Conc: 51.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

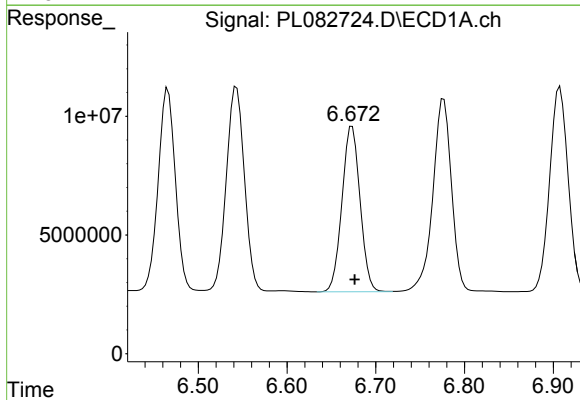
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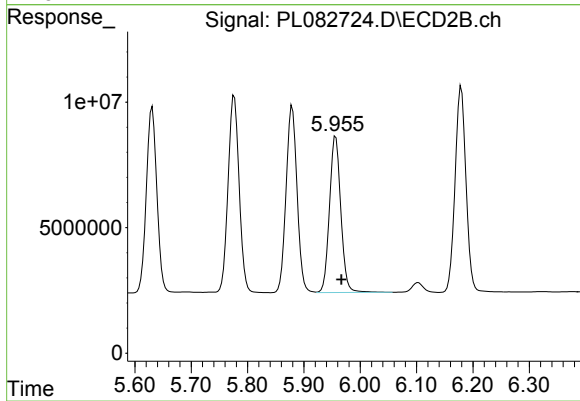
#17 4,4'-DDT

R.T.: 5.879 min
Delta R.T.: -0.010 min
Response: 100715072
Conc: 47.67 ng/ml



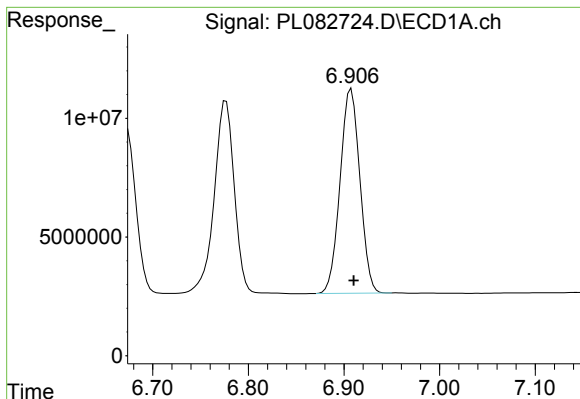
#18 Endrin aldehyde

R.T.: 6.673 min
Delta R.T.: -0.003 min
Response: 98646688
Conc: 52.36 ng/ml



#18 Endrin aldehyde

R.T.: 5.956 min
Delta R.T.: -0.010 min
Response: 87023188
Conc: 46.50 ng/ml



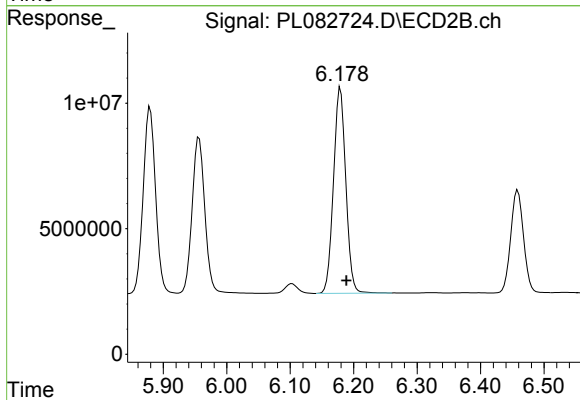
#19 Endosulfan Sulfate

R.T.: 6.908 min
Delta R.T.: -0.003 min
Response: 124282885
Conc: 52.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

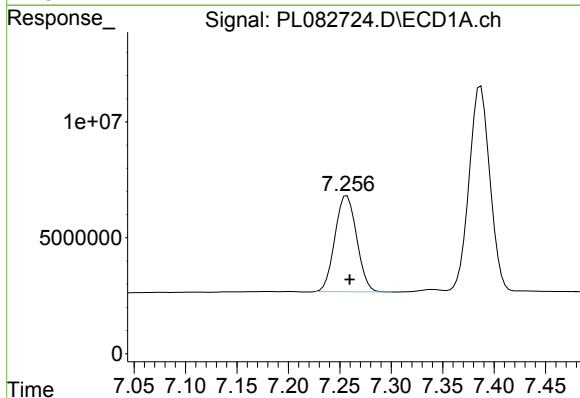
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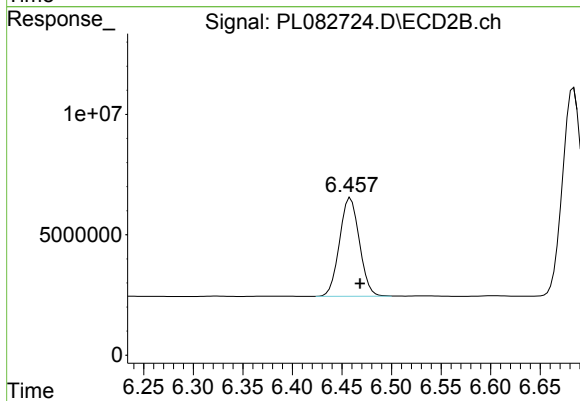
#19 Endosulfan Sulfate

R.T.: 6.179 min
Delta R.T.: -0.009 min
Response: 110511170
Conc: 46.94 ng/ml



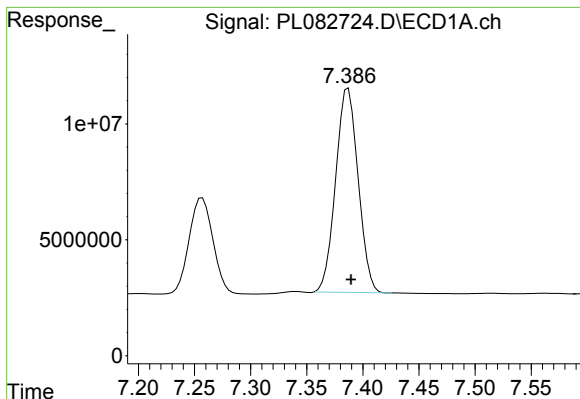
#20 Methoxychlor

R.T.: 7.257 min
Delta R.T.: -0.003 min
Response: 60872655
Conc: 49.88 ng/ml



#20 Methoxychlor

R.T.: 6.457 min
Delta R.T.: -0.011 min
Response: 57169602
Conc: 47.18 ng/ml m



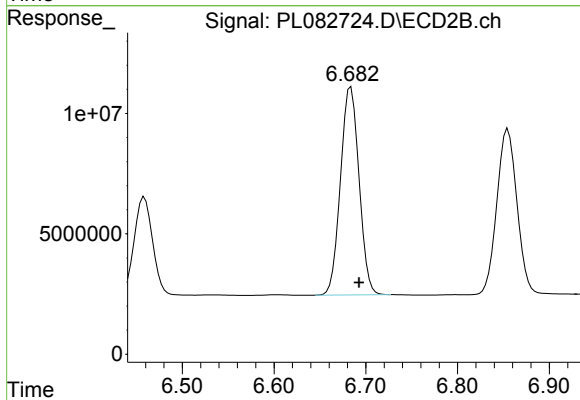
#21 Endrin ketone

R.T.: 7.387 min
Delta R.T.: -0.002 min
Response: 122518529
Conc: 51.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

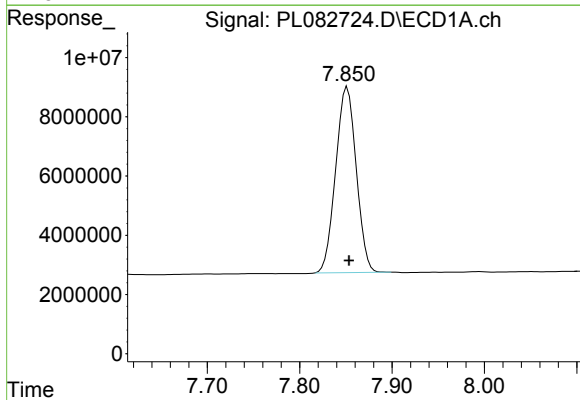
Manual Integrations
APPROVED

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



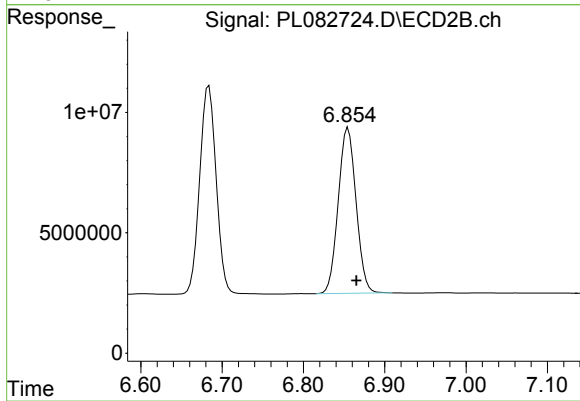
#21 Endrin ketone

R.T.: 6.682 min
Delta R.T.: -0.010 min
Response: 121290154
Conc: 47.79 ng/ml m



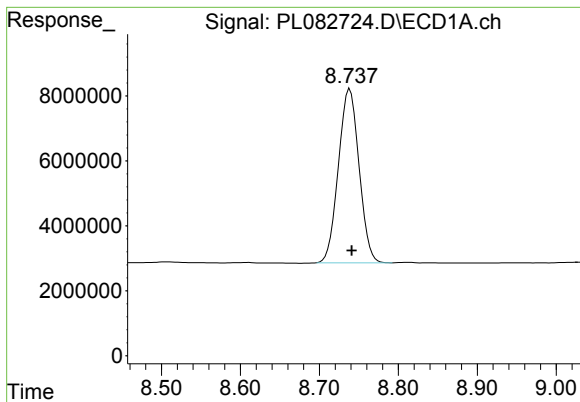
#22 Mirex

R.T.: 7.852 min
Delta R.T.: -0.002 min
Response: 97167975
Conc: 49.67 ng/ml



#22 Mirex

R.T.: 6.854 min
Delta R.T.: -0.011 min
Response: 104692034
Conc: 45.43 ng/ml m



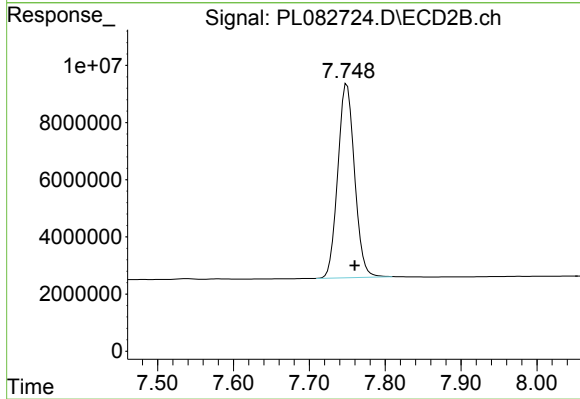
#28 Decachlorobiphenyl

R.T.: 8.739 min
Delta R.T.: -0.002 min
Response: 97377030
Conc: 51.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :Ankita Jodhani 05/17/2023



#28 Decachlorobiphenyl

R.T.: 7.748 min
Delta R.T.: -0.012 min
Response: 104244372
Conc: 45.67 ng/ml m