

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050323\
 Data File : PL082449.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 May 2023 11:19
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/04/2023
 Supervised By : Ankita Jodhani 05/04/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 03 12:39:01 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...	3.323	2.646	137.1E6	114.1E6	51.333	49.243
28)	SA Decachlor...	8.744	7.758	96448106	103.9E6	50.521	45.501
Target Compounds							
2)	A alpha-BHC	3.772	3.144	210.8E6	168.3E6	52.952	49.439
3)	MA gamma-BHC...	4.100	3.471	194.3E6	155.6E6	51.973	48.387
4)	MA Heptachlor	4.679	3.803	184.2E6	159.9E6	50.421	46.707
5)	MB Aldrin	5.016	4.079	170.1E6	154.0E6	51.585	48.879
6)	B beta-BHC	4.304	3.771	84491501	67265361	49.541	49.300
7)	B delta-BHC	4.545	3.997	184.9E6	151.1E6	51.383	49.275
8)	B Heptachlo...	5.442	4.581	154.0E6	136.9E6	50.502	47.517
9)	A Endosulfan I	5.823	4.948	138.2E6	126.8E6	49.851	47.509
10)	B gamma-Chl...	5.697	4.830	154.2E6	137.9E6	51.277	47.505
11)	B alpha-Chl...	5.775	4.892	148.9E6	136.8E6	49.894	47.112
12)	B 4,4'-DDE	5.953	5.083	130.4E6	117.1E6	51.308	50.930
13)	MA Dieldrin	6.098	5.212	138.0E6	127.4E6	50.031	47.170
14)	MA Endrin	6.325	5.487	113.1E6	106.6E6	46.640	43.601
15)	B Endosulfa...	6.547	5.782	112.6E6	106.0E6	46.246	47.018m
16)	A 4,4'-DDD	6.469	5.638	107.7E6	97009394	53.150	51.866
17)	MA 4,4'-DDT	6.781	5.886	106.7E6	95152341	46.659	45.041
18)	B Endrin al...	6.678	5.963	91892048	85585166	48.771	45.734
19)	B Endosulfa...	6.912	6.186	117.5E6	109.3E6	49.544	46.417
20)	A Methoxychlor	7.262	6.465	55122214	53107201	45.170	43.824
21)	B Endrin ke...	7.392	6.689	123.1E6	123.4E6	51.429	48.624m
22)	Mirex	7.856	6.861	93509845	102.0E6	47.799	44.272m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050323\
Data File : PL082449.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 May 2023 11:19
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

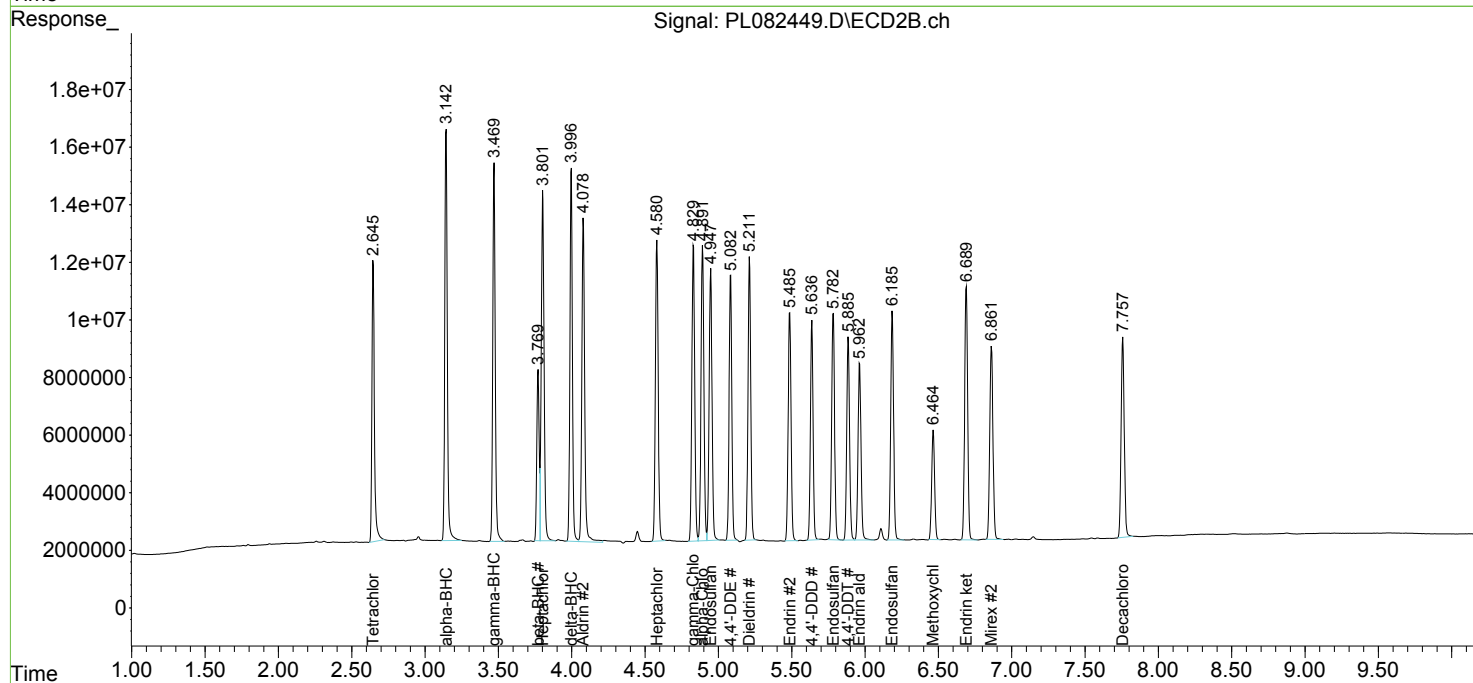
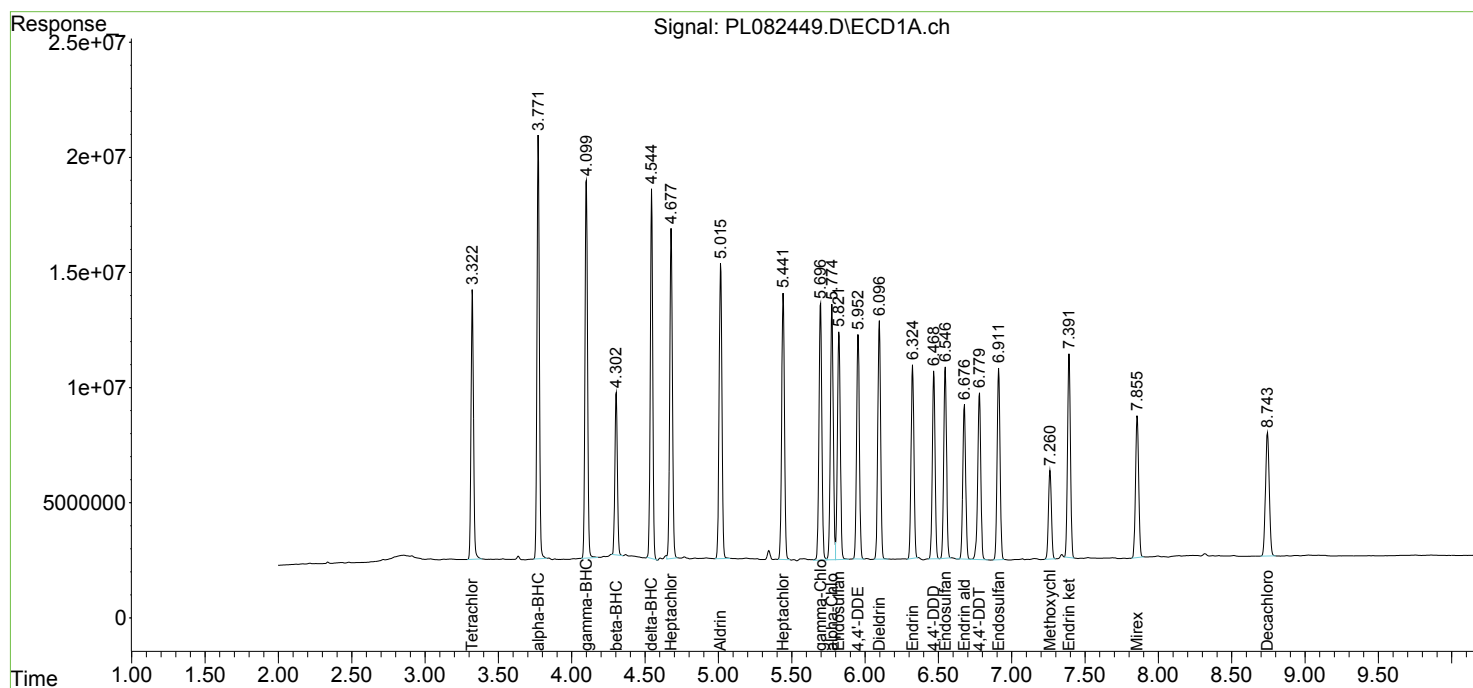
APPROVED

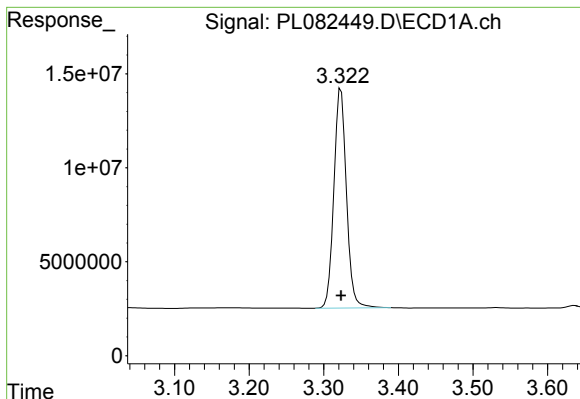
Reviewed By :Abdul Mirza 05/04/2023

Supervised By :Ankita Jodhani 05/04/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 03 12:39:01 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





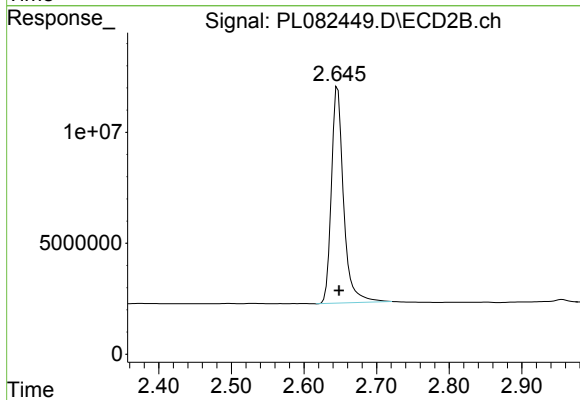
#1 Tetrachloro-m-xylene

R.T.: 3.323 min
Delta R.T.: 0.000 min
Response: 137120665
Conc: 51.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

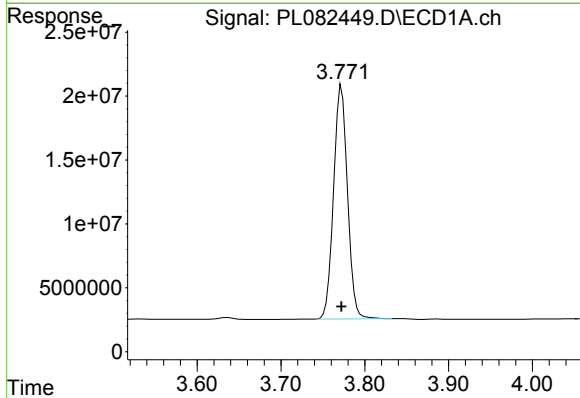
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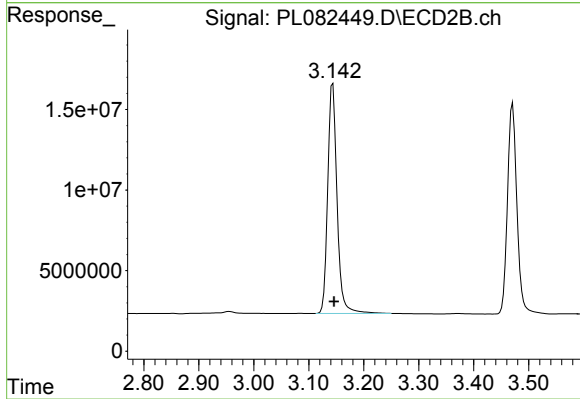
#1 Tetrachloro-m-xylene

R.T.: 2.646 min
Delta R.T.: -0.002 min
Response: 114083123
Conc: 49.24 ng/ml



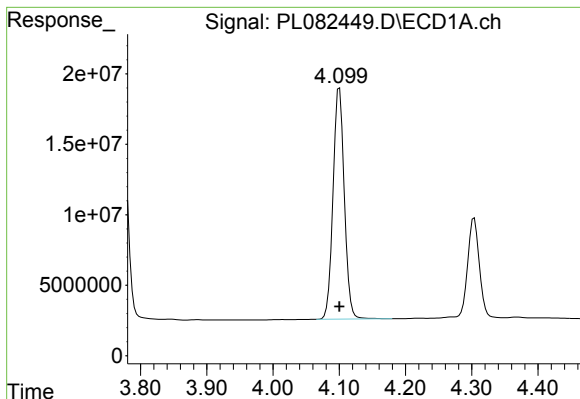
#2 alpha-BHC

R.T.: 3.772 min
Delta R.T.: 0.000 min
Response: 210760175
Conc: 52.95 ng/ml



#2 alpha-BHC

R.T.: 3.144 min
Delta R.T.: -0.003 min
Response: 168265036
Conc: 49.44 ng/ml



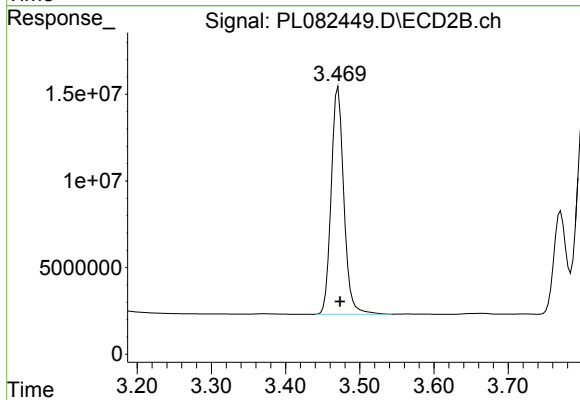
#3 gamma-BHC (Lindane)

R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 194323873
Conc: 51.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

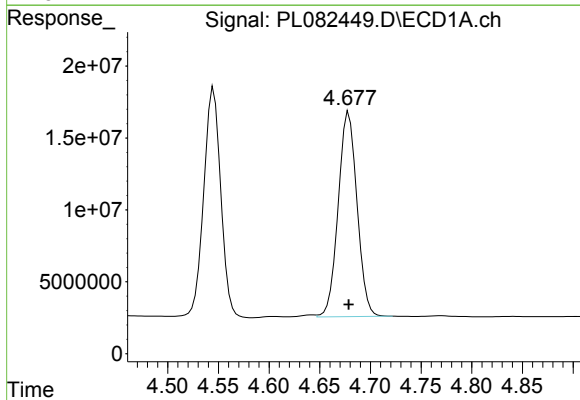
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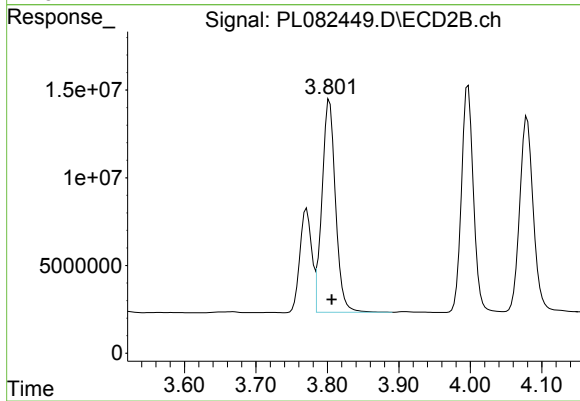
#3 gamma-BHC (Lindane)

R.T.: 3.471 min
Delta R.T.: -0.003 min
Response: 155577776
Conc: 48.39 ng/ml



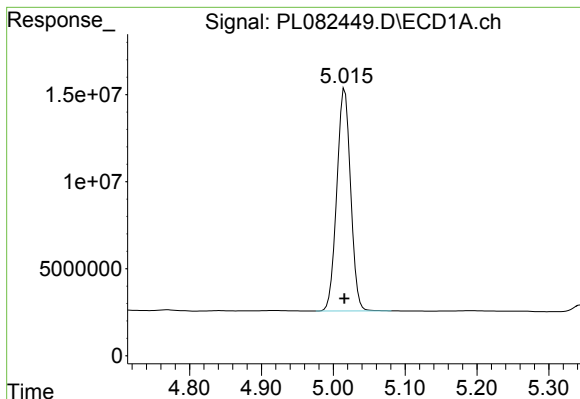
#4 Heptachlor

R.T.: 4.679 min
Delta R.T.: 0.000 min
Response: 184235147
Conc: 50.42 ng/ml



#4 Heptachlor

R.T.: 3.803 min
Delta R.T.: -0.003 min
Response: 159890632
Conc: 46.71 ng/ml



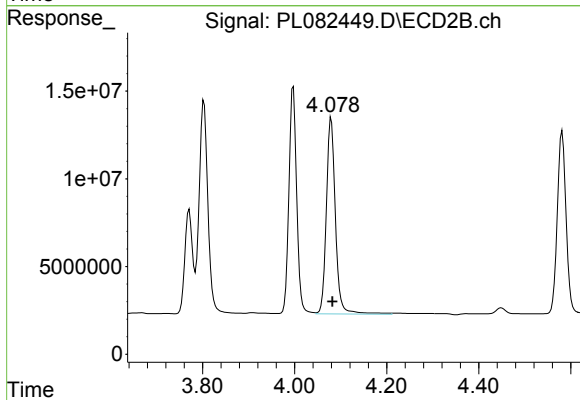
#5 Aldrin

R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 170106885
Conc: 51.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

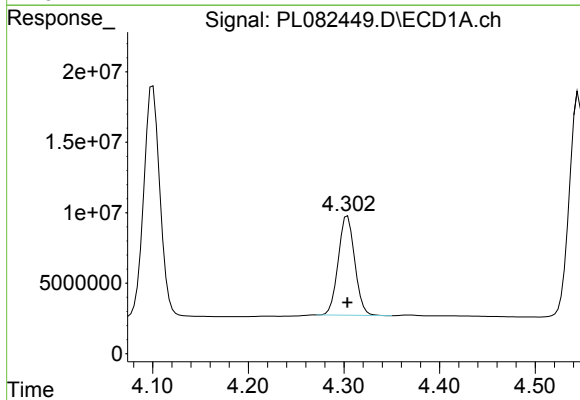
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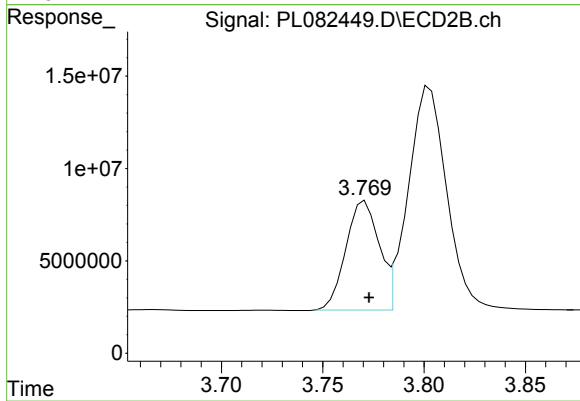
#5 Aldrin

R.T.: 4.079 min
Delta R.T.: -0.003 min
Response: 153962225
Conc: 48.88 ng/ml



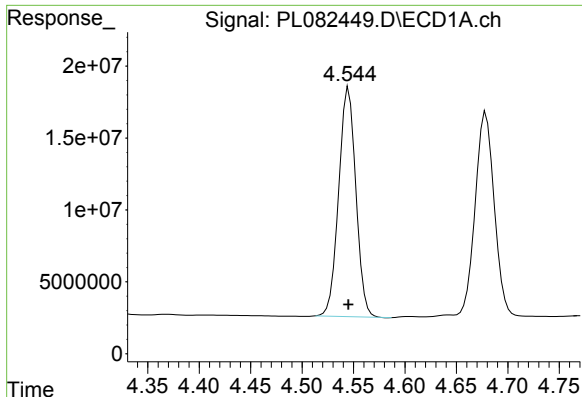
#6 beta-BHC

R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 84491501
Conc: 49.54 ng/ml



#6 beta-BHC

R.T.: 3.771 min
Delta R.T.: -0.002 min
Response: 67265361
Conc: 49.30 ng/ml



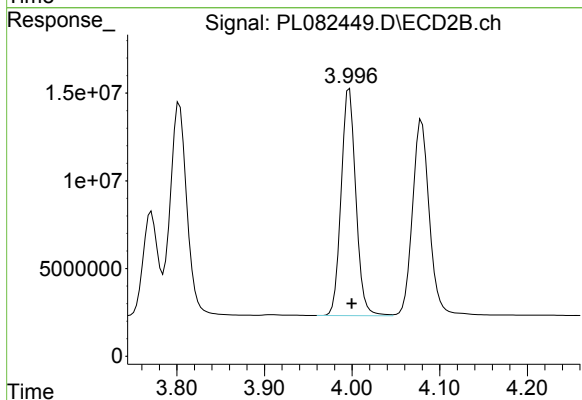
#7 delta-BHC

R.T.: 4.545 min
Delta R.T.: 0.000 min
Response: 184863628
Conc: 51.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

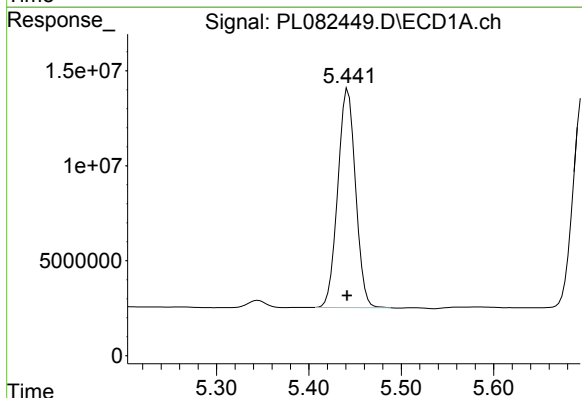
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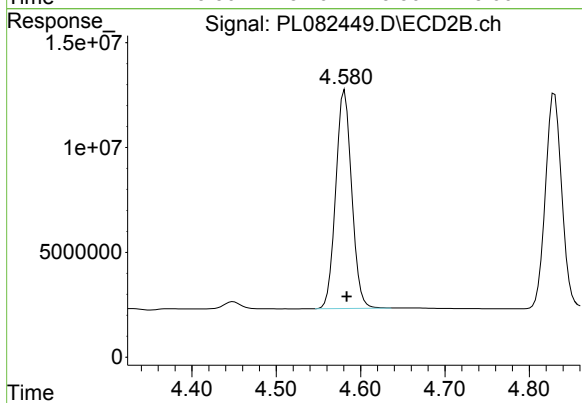
#7 delta-BHC

R.T.: 3.997 min
Delta R.T.: -0.003 min
Response: 151144867
Conc: 49.27 ng/ml



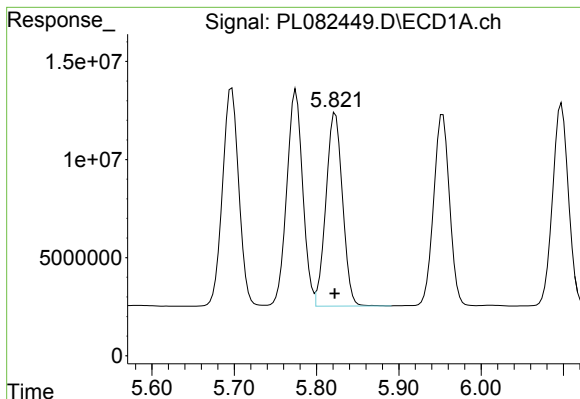
#8 Heptachlor epoxide

R.T.: 5.442 min
Delta R.T.: 0.001 min
Response: 154047912
Conc: 50.50 ng/ml



#8 Heptachlor epoxide

R.T.: 4.581 min
Delta R.T.: -0.002 min
Response: 136891026
Conc: 47.52 ng/ml



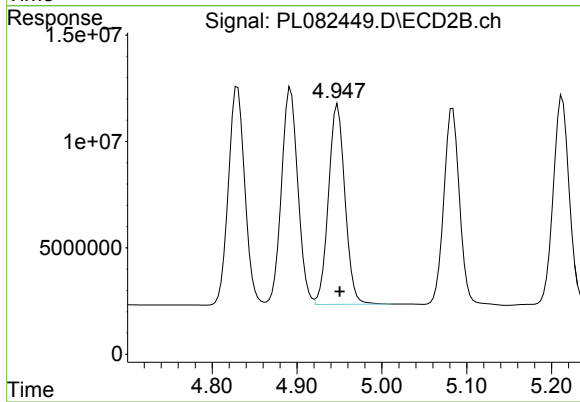
#9 Endosulfan I

R.T.: 5.823 min
Delta R.T.: 0.000 min
Response: 138222526
Conc: 49.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

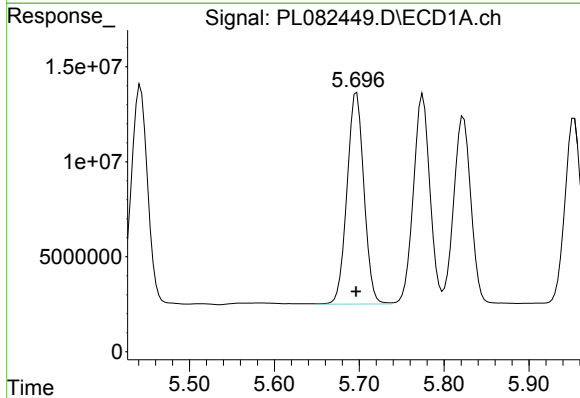
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Supervised By :Ankita Jodhani 05/04/2023



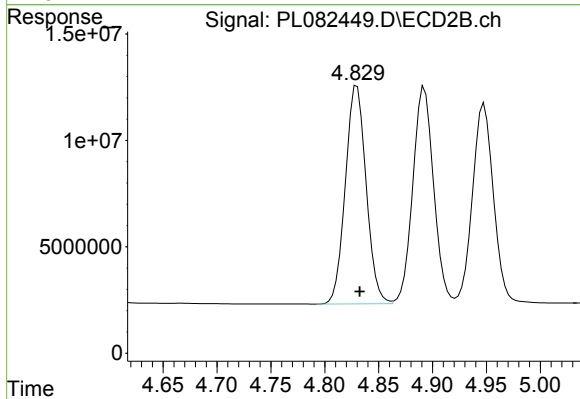
#9 Endosulfan I

R.T.: 4.948 min
Delta R.T.: -0.002 min
Response: 126823716
Conc: 47.51 ng/ml



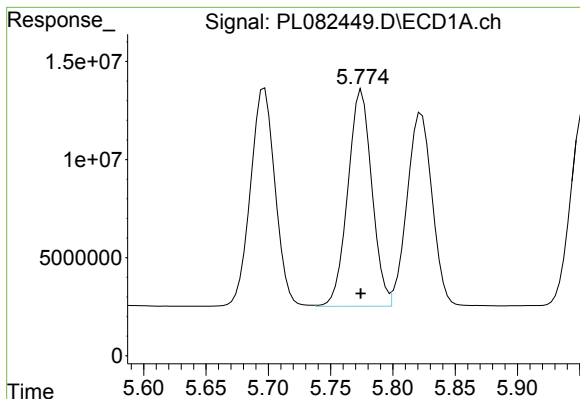
#10 gamma-Chlordane

R.T.: 5.697 min
Delta R.T.: 0.000 min
Response: 154183616
Conc: 51.28 ng/ml



#10 gamma-Chlordane

R.T.: 4.830 min
Delta R.T.: -0.003 min
Response: 137852602
Conc: 47.51 ng/ml



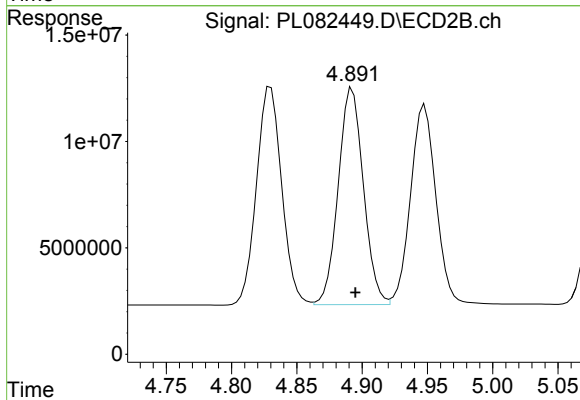
#11 alpha-Chlordane

R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 148913559
Conc: 49.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

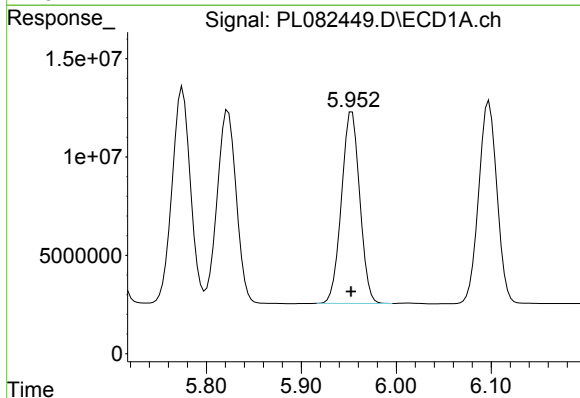
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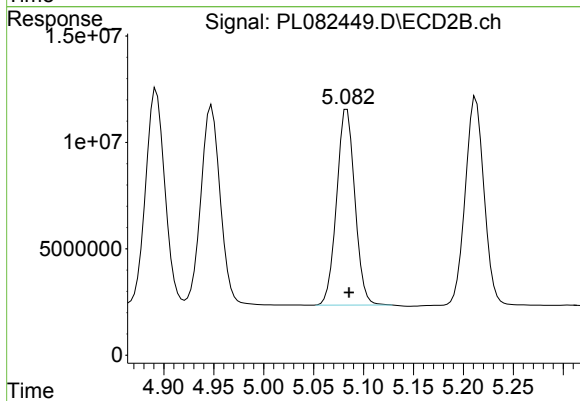
#11 alpha-Chlordane

R.T.: 4.892 min
Delta R.T.: -0.003 min
Response: 136757467
Conc: 47.11 ng/ml



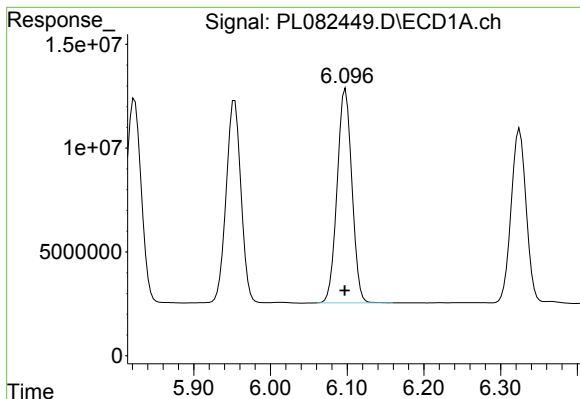
#12 4,4'-DDE

R.T.: 5.953 min
Delta R.T.: 0.001 min
Response: 130426442
Conc: 51.31 ng/ml



#12 4,4'-DDE

R.T.: 5.083 min
Delta R.T.: -0.002 min
Response: 117087137
Conc: 50.93 ng/ml



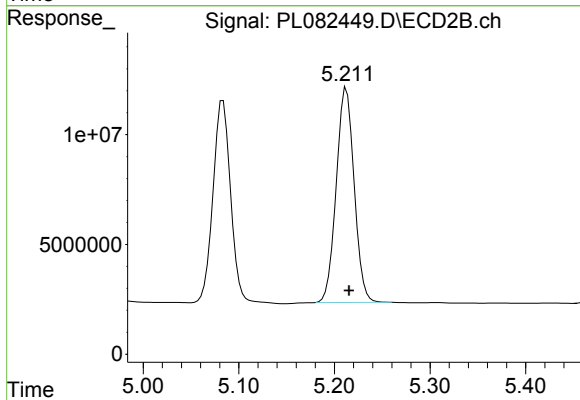
#13 Dieldrin

R.T.: 6.098 min
Delta R.T.: 0.001 min
Response: 138042998
Conc: 50.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

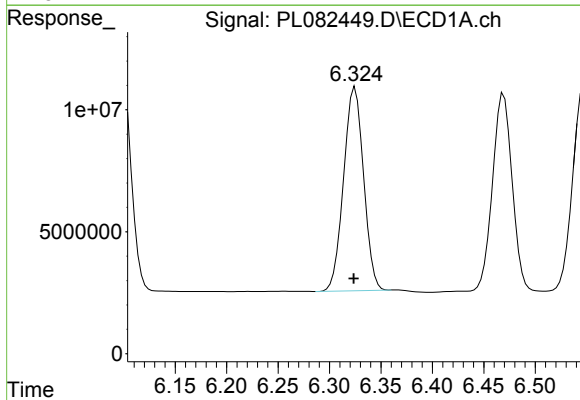
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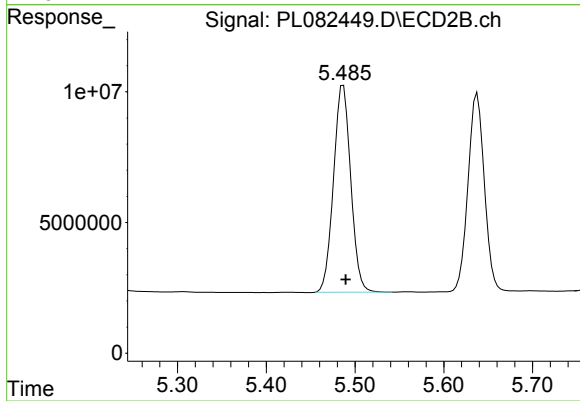
#13 Dieldrin

R.T.: 5.212 min
Delta R.T.: -0.003 min
Response: 127378525
Conc: 47.17 ng/ml



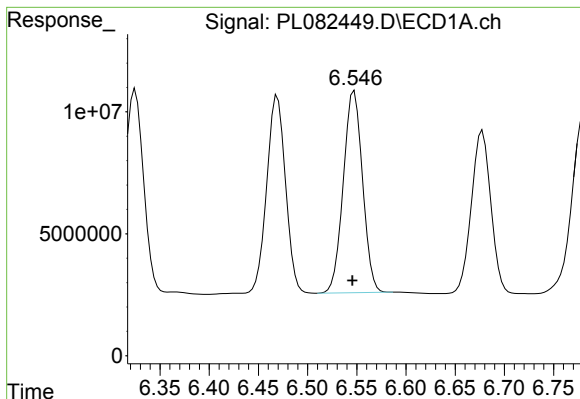
#14 Endrin

R.T.: 6.325 min
Delta R.T.: 0.001 min
Response: 113082144
Conc: 46.64 ng/ml



#14 Endrin

R.T.: 5.487 min
Delta R.T.: -0.003 min
Response: 106646228
Conc: 43.60 ng/ml



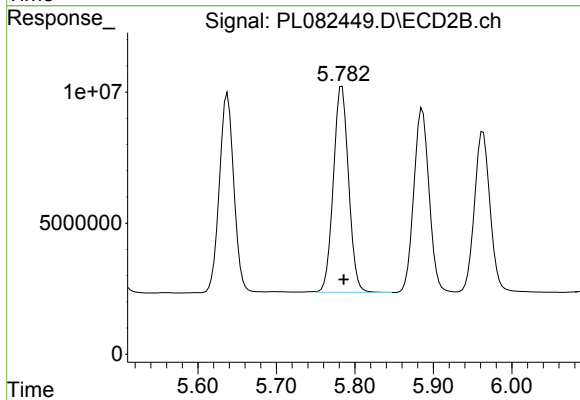
#15 Endosulfan II

R.T.: 6.547 min
Delta R.T.: 0.002 min
Response: 112589728
Conc: 46.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

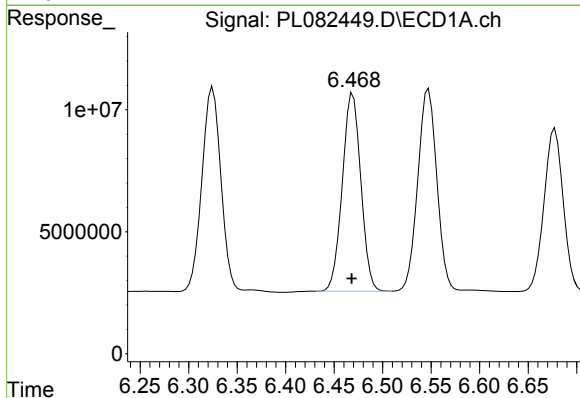
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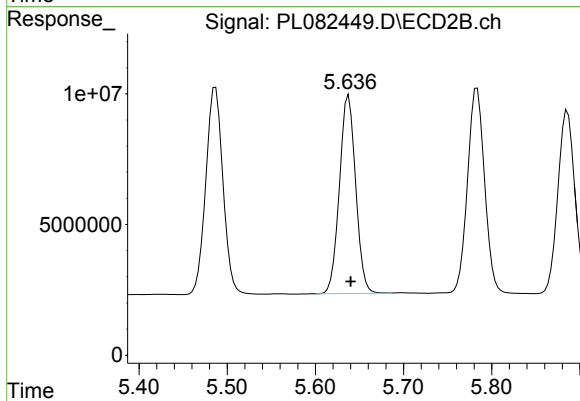
#15 Endosulfan II

R.T.: 5.782 min
Delta R.T.: -0.004 min
Response: 105983317
Conc: 47.02 ng/ml m



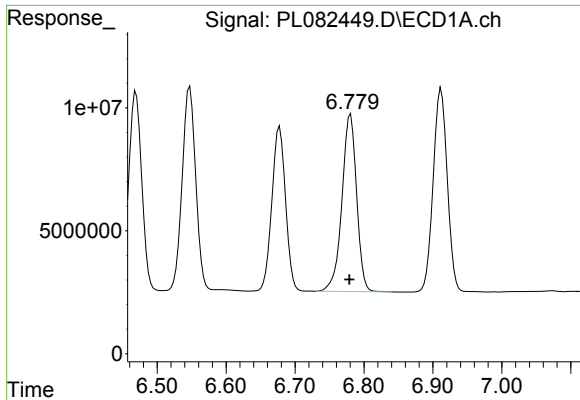
#16 4,4'-DDD

R.T.: 6.469 min
Delta R.T.: 0.001 min
Response: 107744878
Conc: 53.15 ng/ml



#16 4,4'-DDD

R.T.: 5.638 min
Delta R.T.: -0.003 min
Response: 97009394
Conc: 51.87 ng/ml



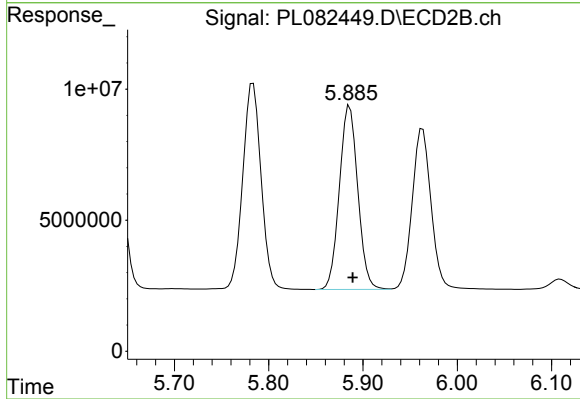
#17 4,4'-DDT

R.T.: 6.781 min
Delta R.T.: 0.002 min
Response: 106742104
Conc: 46.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

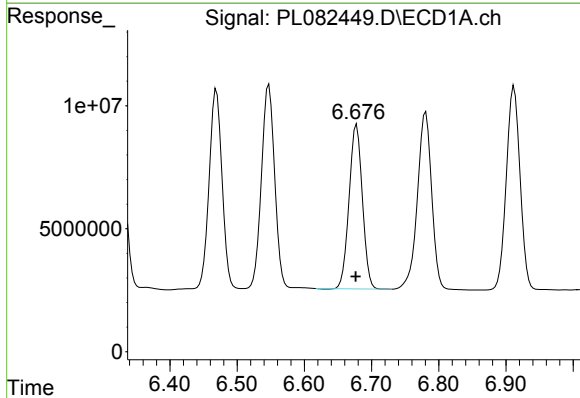
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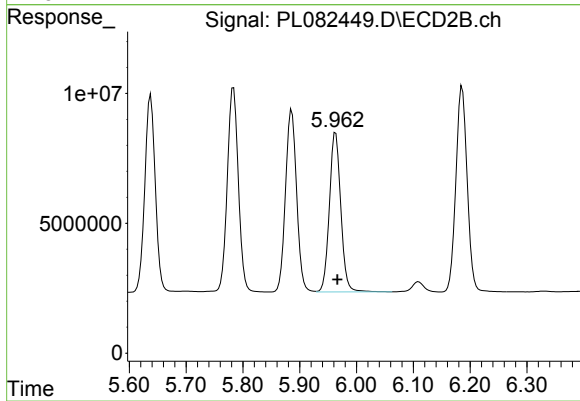
#17 4,4'-DDT

R.T.: 5.886 min
Delta R.T.: -0.003 min
Response: 95152341
Conc: 45.04 ng/ml



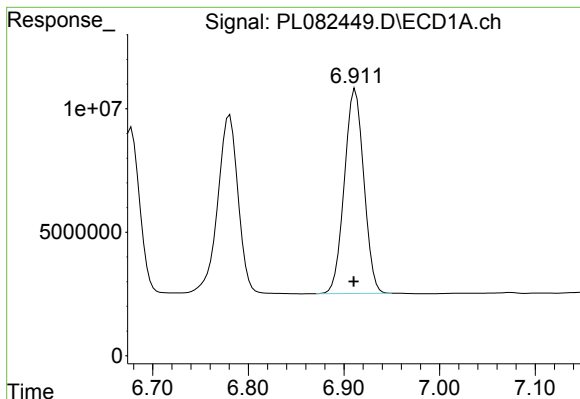
#18 Endrin aldehyde

R.T.: 6.678 min
Delta R.T.: 0.002 min
Response: 91892048
Conc: 48.77 ng/ml



#18 Endrin aldehyde

R.T.: 5.963 min
Delta R.T.: -0.003 min
Response: 85585166
Conc: 45.73 ng/ml



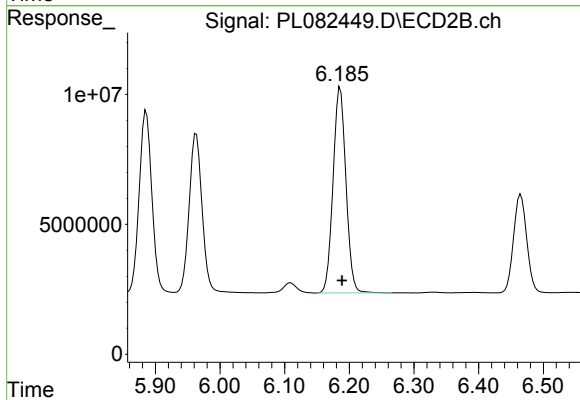
#19 Endosulfan Sulfate

R.T.: 6.912 min
Delta R.T.: 0.002 min
Response: 117496201
Conc: 49.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

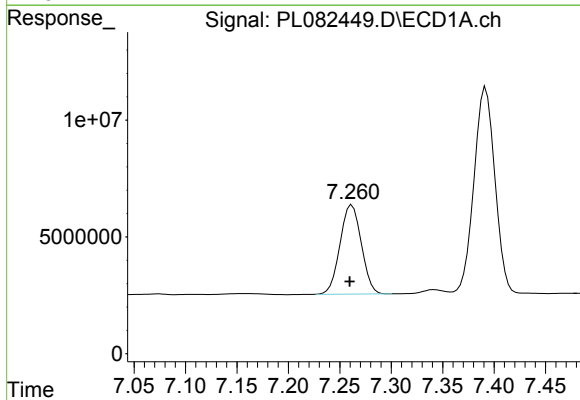
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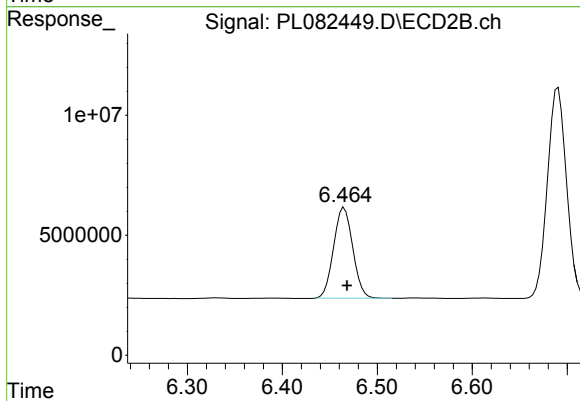
#19 Endosulfan Sulfate

R.T.: 6.186 min
Delta R.T.: -0.003 min
Response: 109278106
Conc: 46.42 ng/ml



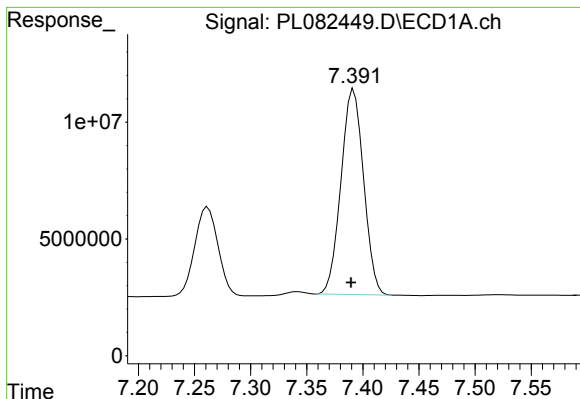
#20 Methoxychlor

R.T.: 7.262 min
Delta R.T.: 0.002 min
Response: 55122214
Conc: 45.17 ng/ml



#20 Methoxychlor

R.T.: 6.465 min
Delta R.T.: -0.003 min
Response: 53107201
Conc: 43.82 ng/ml



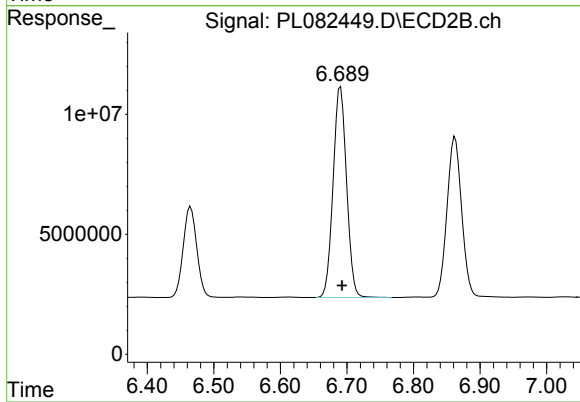
#21 Endrin ketone

R.T.: 7.392 min
Delta R.T.: 0.002 min
Response: 123141115
Conc: 51.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

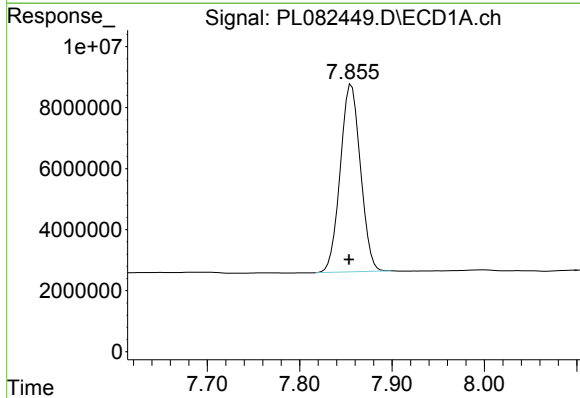
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/04/2023
Supervised By :Ankita Jodhani 05/04/2023



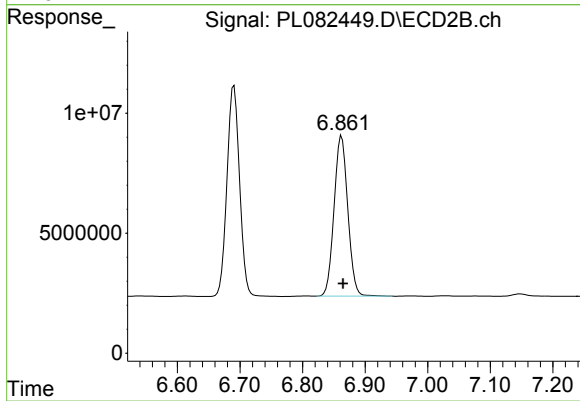
#21 Endrin ketone

R.T.: 6.689 min
Delta R.T.: -0.004 min
Response: 123415773
Conc: 48.62 ng/ml m



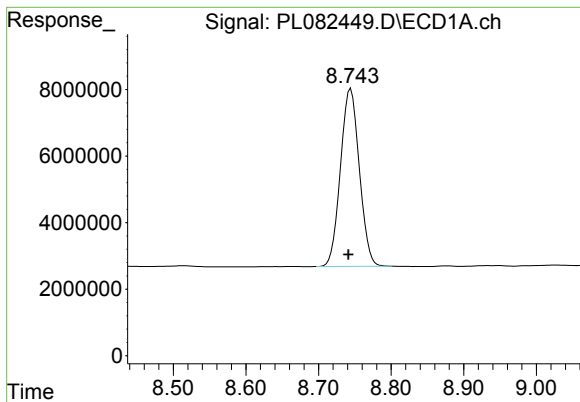
#22 Mirex

R.T.: 7.856 min
Delta R.T.: 0.002 min
Response: 93509845
Conc: 47.80 ng/ml



#22 Mirex

R.T.: 6.861 min
Delta R.T.: -0.004 min
Response: 102014958
Conc: 44.27 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.744 min
Delta R.T.: 0.003 min
Response: 96448106
Conc: 50.52 ng/ml

Instrument :

ECD_L

ClientSampleId :

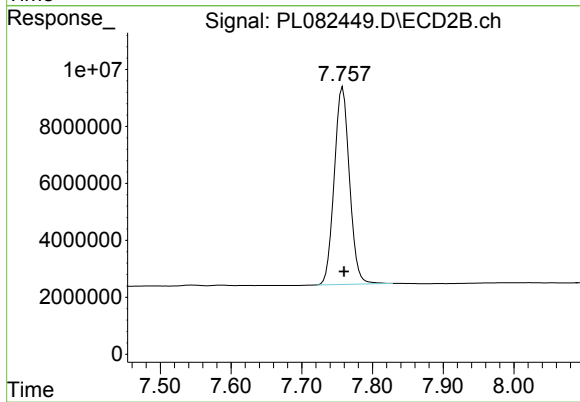
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.758 min
Delta R.T.: -0.002 min
Response: 103856706
Conc: 45.50 ng/ml