

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052423\
 Data File : PL082977.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 May 2023 03:09
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/25/2023
 Supervised By : Ankita Jodhani 05/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 25 05:33:12 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...	3.317	2.637	139.2E6	116.1E6	47.366	44.728
28)	SA Decachlor...	8.733	7.742	95997553	111.3E6	45.771	44.766
Target Compounds							
2)	A alpha-BHC	3.766	3.134	211.8E6	169.9E6	47.703	45.537
3)	MA gamma-BHC...	4.094	3.460	197.6E6	157.1E6	47.684	47.137
4)	MA Heptachlor	4.672	3.791	181.6E6	149.9E6	47.519	40.957
5)	MB Aldrin	5.008	4.067	174.8E6	153.7E6	49.681	47.227
6)	B beta-BHC	4.298	3.761	85441346	66504291	45.382	46.504
7)	B delta-BHC	4.539	3.985	191.0E6	156.1E6	55.528	47.632
8)	B Heptachlo...	5.434	4.568	166.6E6	136.7E6	52.080	46.061
9)	A Endosulfan I	5.815	4.935	159.5E6	120.4E6	53.155	43.084
10)	B gamma-Chl...	5.688	4.817	158.6E6	138.5E6	49.916m	46.115
11)	B alpha-Chl...	5.766	4.879	158.4E6	138.0E6	49.344m	45.969
12)	B 4,4'-DDE	5.946	5.068	135.8E6	116.2E6	49.258	47.861m
13)	MA Dieldrin	6.090	5.199	145.9E6	130.2E6	48.505	46.122
14)	MA Endrin	6.317	5.473	128.6E6	120.1E6	47.849	47.326
15)	B Endosulfa...	6.540	5.770	120.9E6	109.7E6	45.314	44.344
16)	A 4,4'-DDD	6.462	5.625	109.8E6	93632538	50.536	48.685
17)	MA 4,4'-DDT	6.772	5.873	119.1E6	101.8E6	47.583	45.628
18)	B Endrin al...	6.669	5.950	95948838	88295272	47.720	44.651
19)	B Endosulfa...	6.903	6.173	123.4E6	112.5E6	48.149	45.952
20)	A Methoxychlor	7.253	6.452	62418217	57286050	47.201	45.045
21)	B Endrin ke...	7.383	6.675	124.9E6	118.0E6	48.956	43.649m
22)	Mirex	7.847	6.847	98451644	106.9E6	46.970	45.705

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052423\
Data File : PL082977.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 May 2023 03:09
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

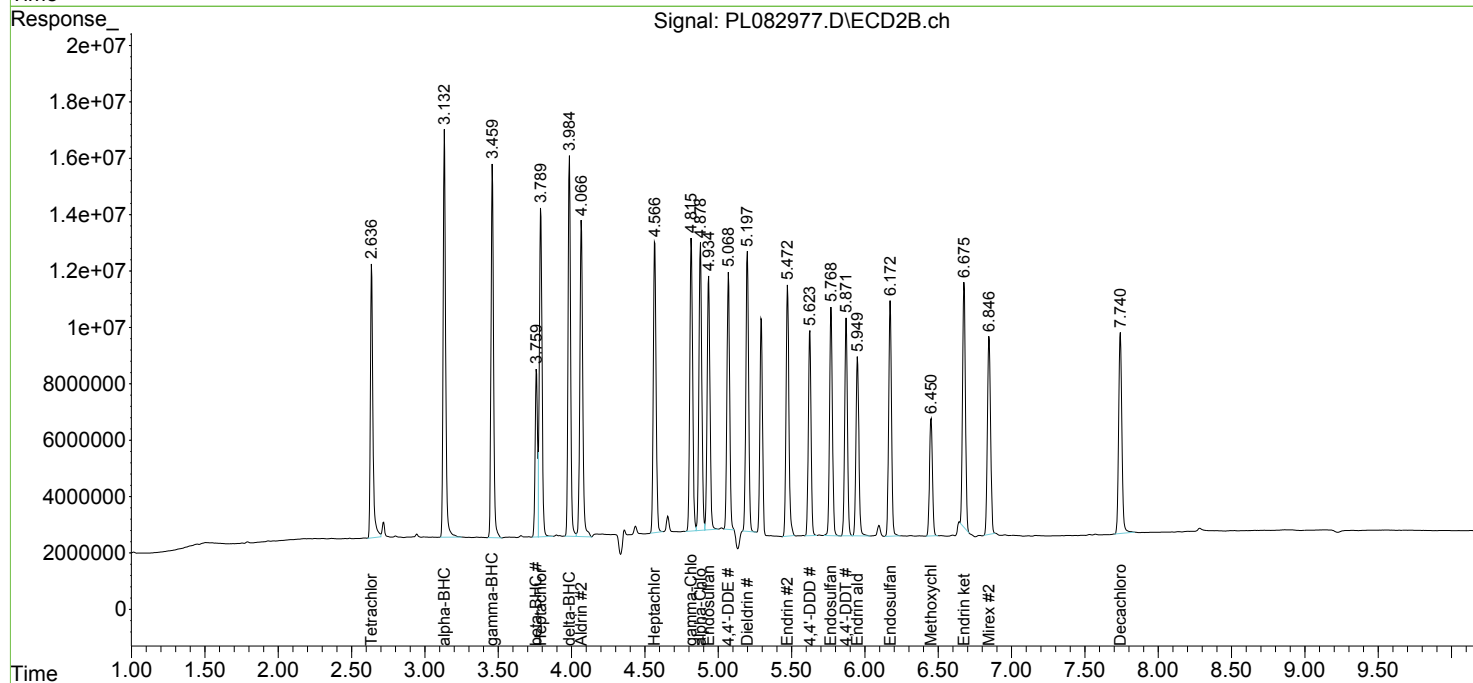
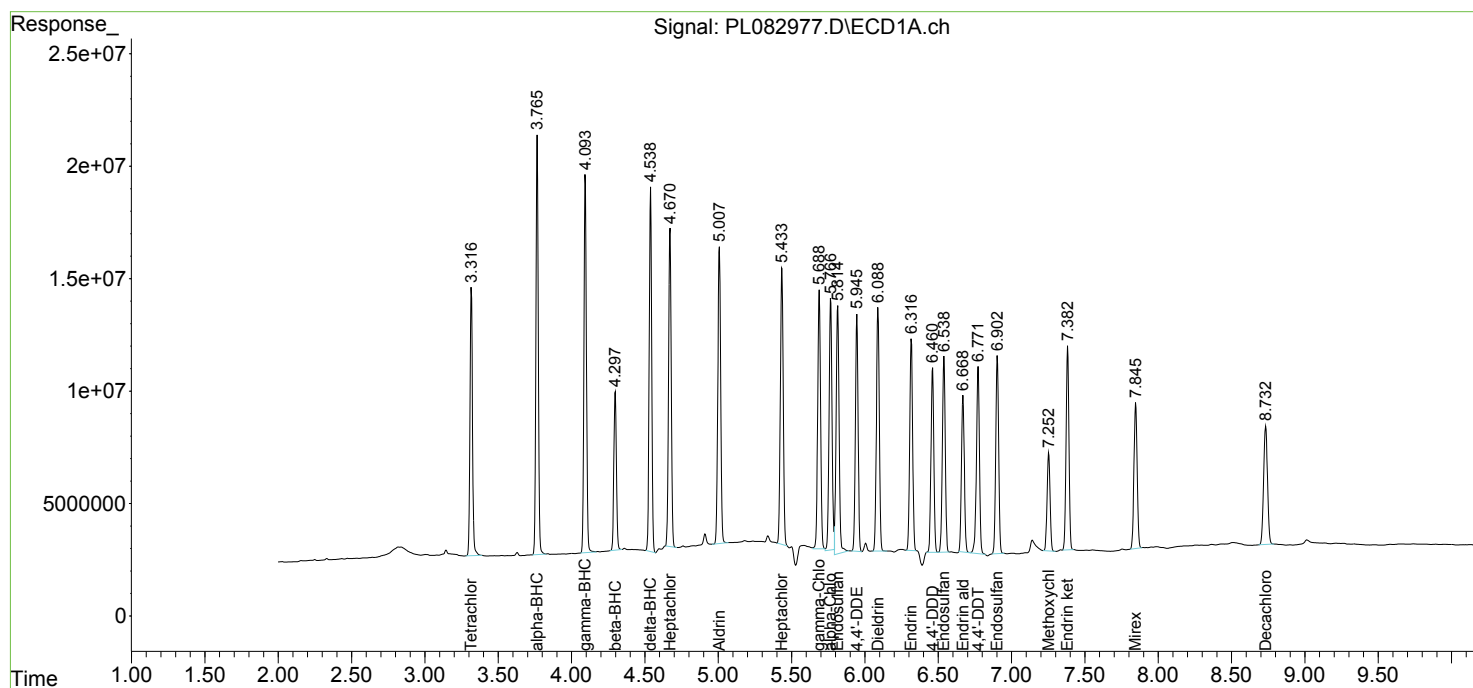
APPROVED

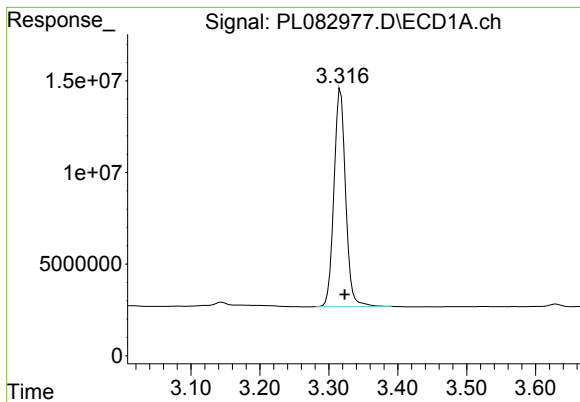
Reviewed By :Abdul Mirza 05/25/2023

Supervised By :Ankita Jodhani 05/26/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 25 05:33:12 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





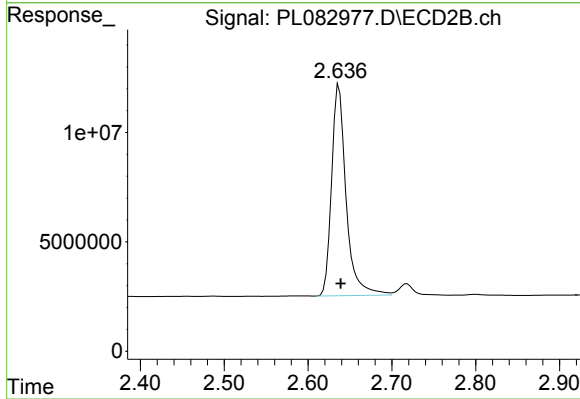
#1 Tetrachloro-m-xylene

R.T.: 3.317 min
Delta R.T.: -0.006 min
Response: 139210915
Conc: 47.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

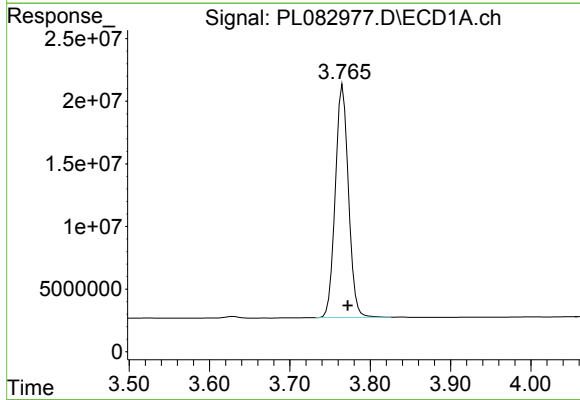
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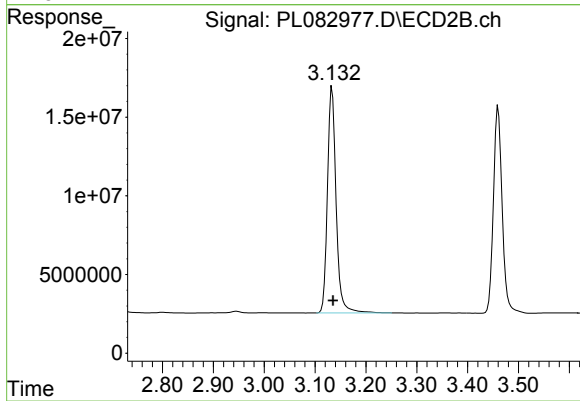
#1 Tetrachloro-m-xylene

R.T.: 2.637 min
Delta R.T.: -0.002 min
Response: 116117591
Conc: 44.73 ng/ml



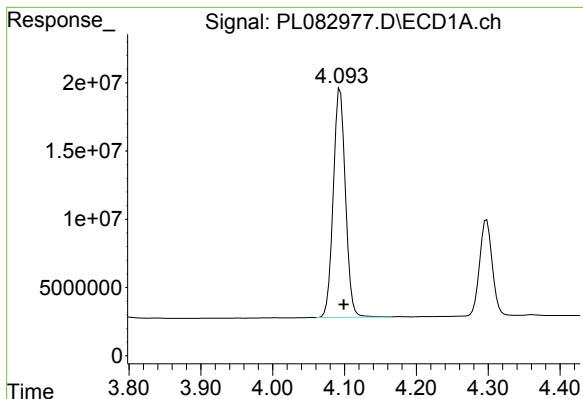
#2 alpha-BHC

R.T.: 3.766 min
Delta R.T.: -0.006 min
Response: 211765566
Conc: 47.70 ng/ml



#2 alpha-BHC

R.T.: 3.134 min
Delta R.T.: -0.002 min
Response: 169918362
Conc: 45.54 ng/ml



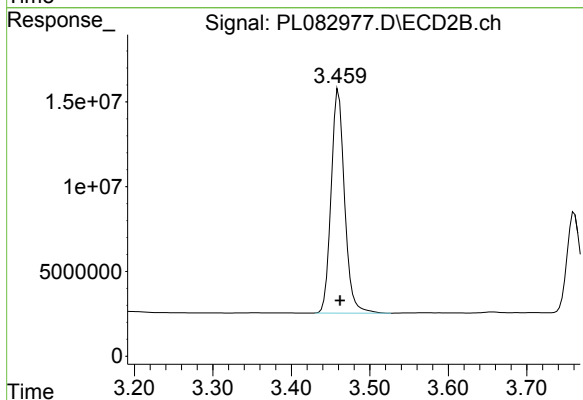
#3 gamma-BHC (Lindane)

R.T.: 4.094 min
Delta R.T.: -0.005 min
Response: 197551680
Conc: 47.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

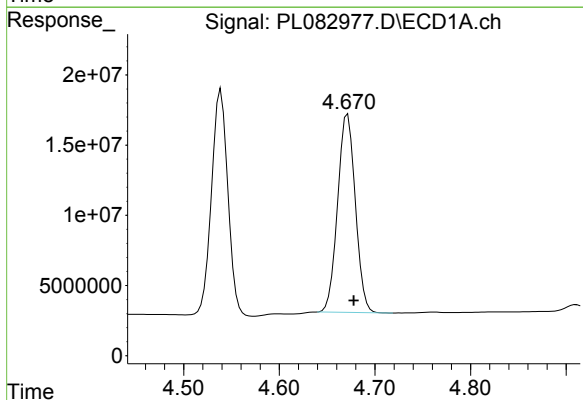
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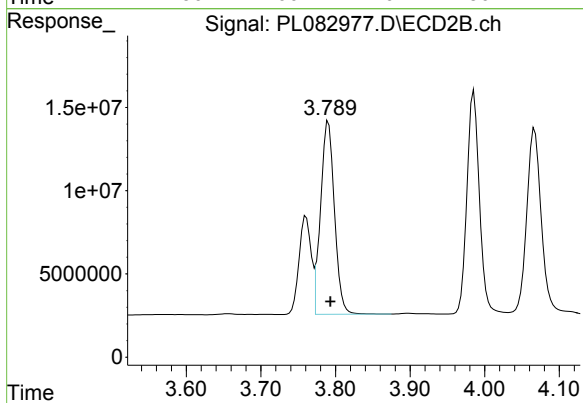
#3 gamma-BHC (Lindane)

R.T.: 3.460 min
Delta R.T.: -0.002 min
Response: 157123346
Conc: 47.14 ng/ml



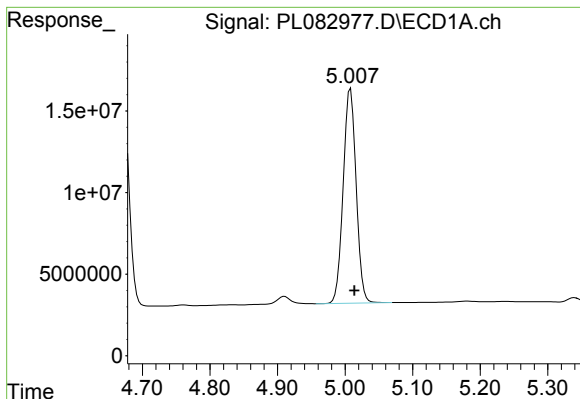
#4 Heptachlor

R.T.: 4.672 min
Delta R.T.: -0.006 min
Response: 181640637
Conc: 47.52 ng/ml



#4 Heptachlor

R.T.: 3.791 min
Delta R.T.: -0.003 min
Response: 149947918
Conc: 40.96 ng/ml



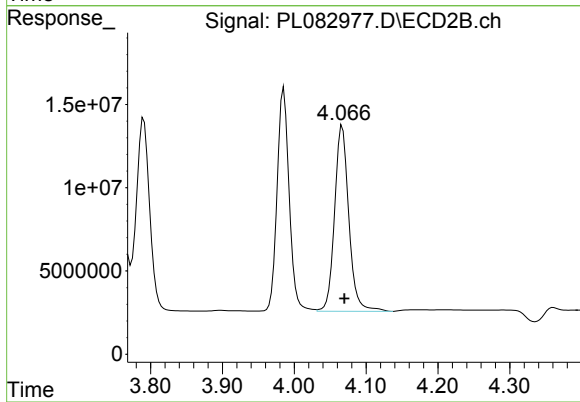
#5 Aldrin

R.T.: 5.008 min
Delta R.T.: -0.006 min
Response: 174785483
Conc: 49.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

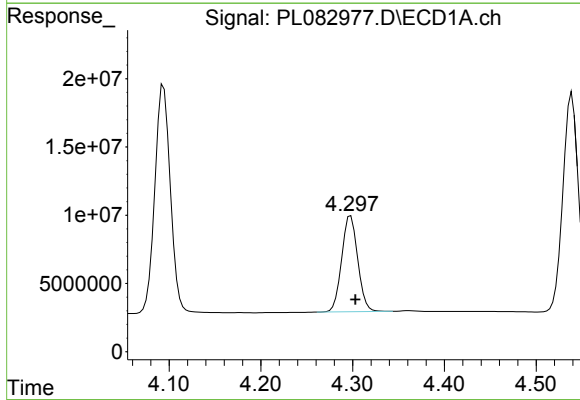
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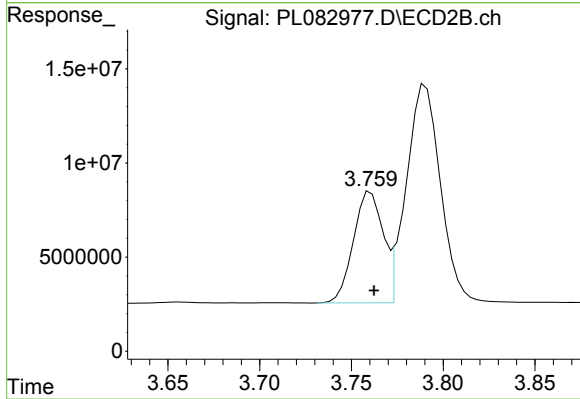
#5 Aldrin

R.T.: 4.067 min
Delta R.T.: -0.003 min
Response: 153658147
Conc: 47.23 ng/ml



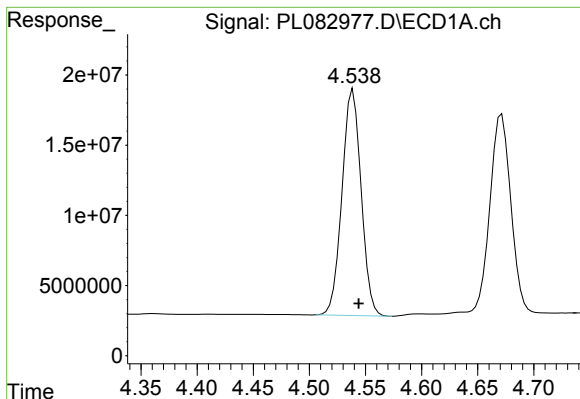
#6 beta-BHC

R.T.: 4.298 min
Delta R.T.: -0.005 min
Response: 85441346
Conc: 45.38 ng/ml



#6 beta-BHC

R.T.: 3.761 min
Delta R.T.: -0.002 min
Response: 66504291
Conc: 46.50 ng/ml



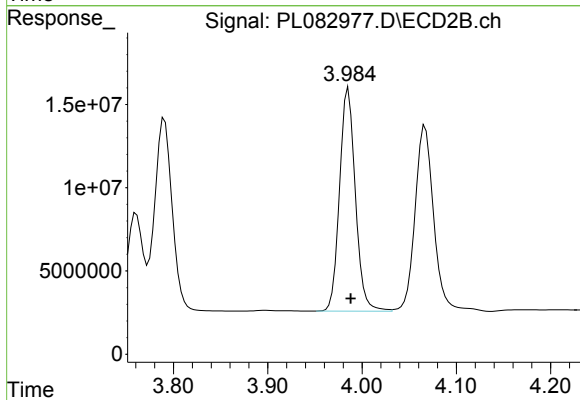
#7 delta-BHC

R.T.: 4.539 min
Delta R.T.: -0.005 min
Response: 190954755
Conc: 55.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

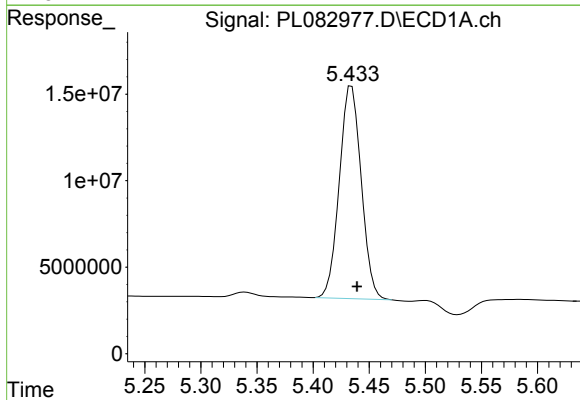
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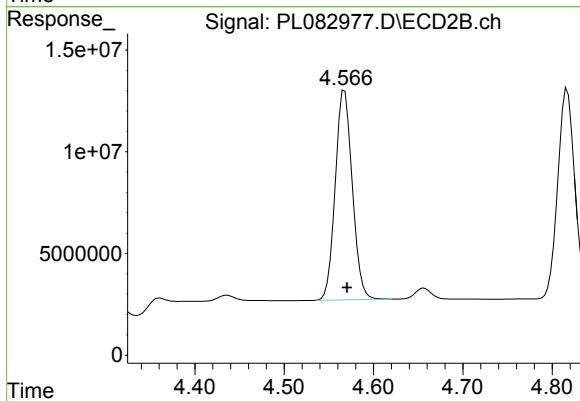
#7 delta-BHC

R.T.: 3.985 min
Delta R.T.: -0.002 min
Response: 156064441
Conc: 47.63 ng/ml



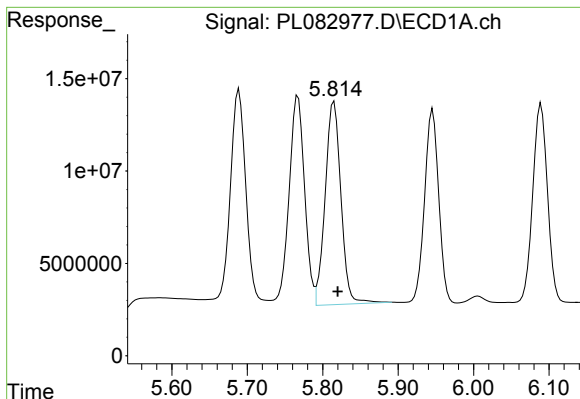
#8 Heptachlor epoxide

R.T.: 5.434 min
Delta R.T.: -0.005 min
Response: 166588430
Conc: 52.08 ng/ml



#8 Heptachlor epoxide

R.T.: 4.568 min
Delta R.T.: -0.003 min
Response: 136704585
Conc: 46.06 ng/ml



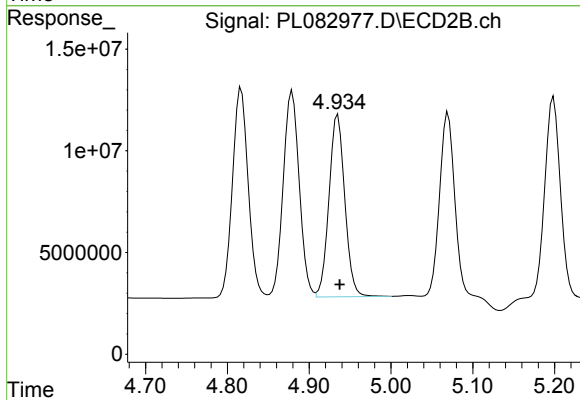
#9 Endosulfan I

R.T.: 5.815 min
Delta R.T.: -0.005 min
Response: 159495485
Conc: 53.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

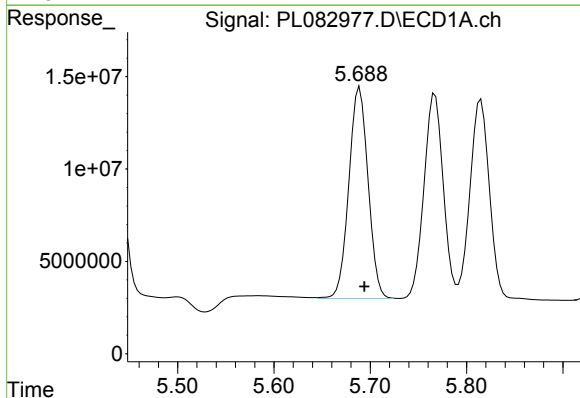
Manual Integrations
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Reviewed By :Abdul Mirza 05/25/2023
Supervised By :Ankita Jodhani 05/26/2023



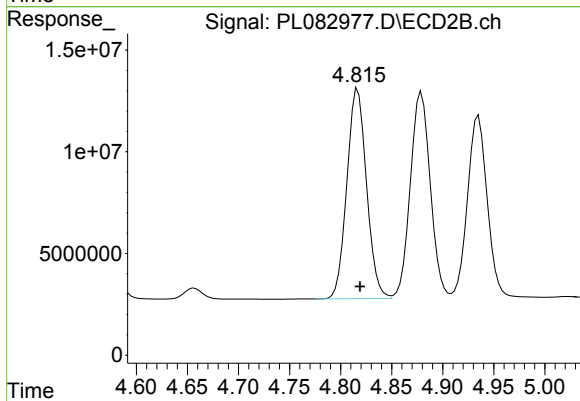
#9 Endosulfan I

R.T.: 4.935 min
Delta R.T.: -0.002 min
Response: 120393847
Conc: 43.08 ng/ml



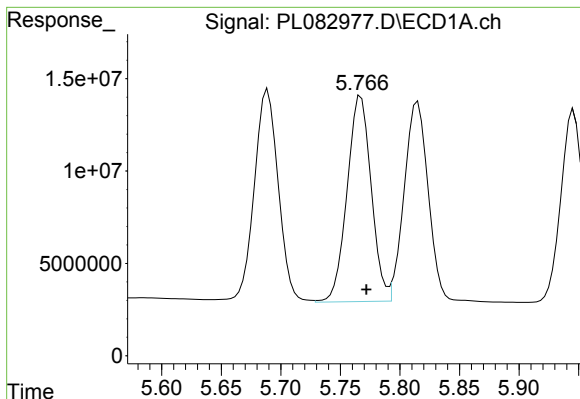
#10 gamma-Chlordane

R.T.: 5.688 min
Delta R.T.: -0.006 min
Response: 158581373
Conc: 49.92 ng/ml m



#10 gamma-Chlordane

R.T.: 4.817 min
Delta R.T.: -0.002 min
Response: 138501813
Conc: 46.12 ng/ml



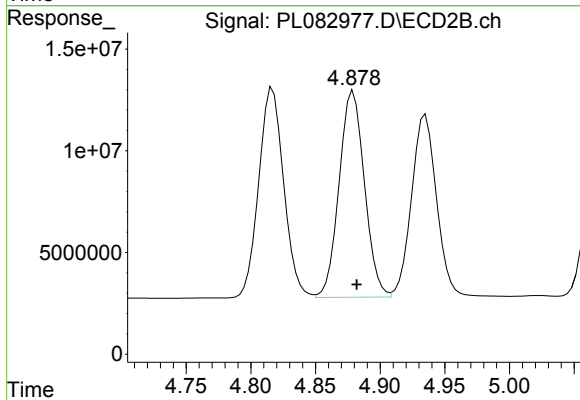
#11 alpha-Chlordane

R.T.: 5.766 min
Delta R.T.: -0.006 min
Response: 158359301
Conc: 49.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

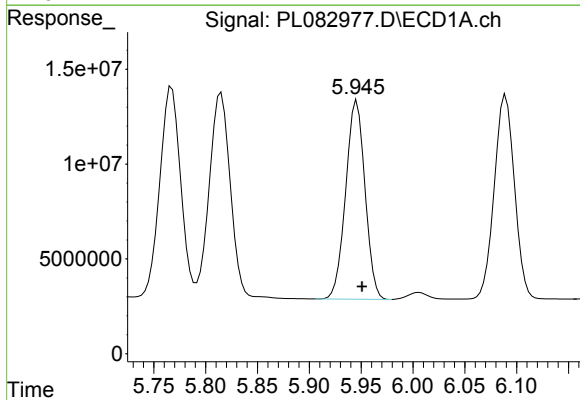
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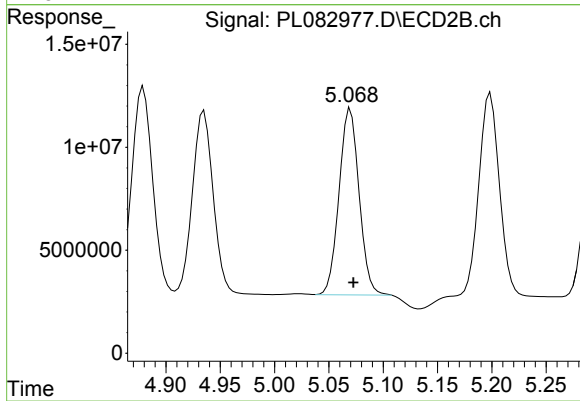
#11 alpha-Chlordane

R.T.: 4.879 min
Delta R.T.: -0.003 min
Response: 137997309
Conc: 45.97 ng/ml



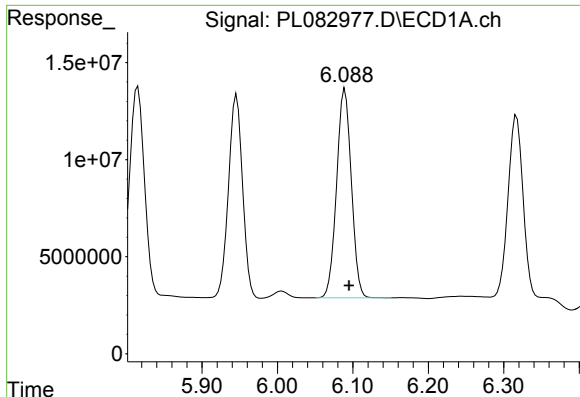
#12 4,4'-DDE

R.T.: 5.946 min
Delta R.T.: -0.005 min
Response: 135780794
Conc: 49.26 ng/ml



#12 4,4'-DDE

R.T.: 5.068 min
Delta R.T.: -0.004 min
Response: 116242941
Conc: 47.86 ng/ml m



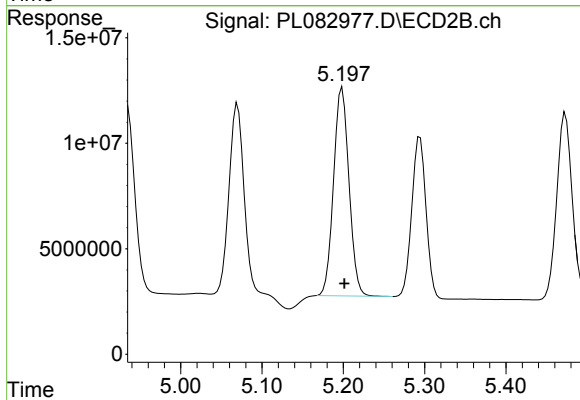
#13 Dieldrin

R.T.: 6.090 min
Delta R.T.: -0.005 min
Response: 145894350
Conc: 48.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

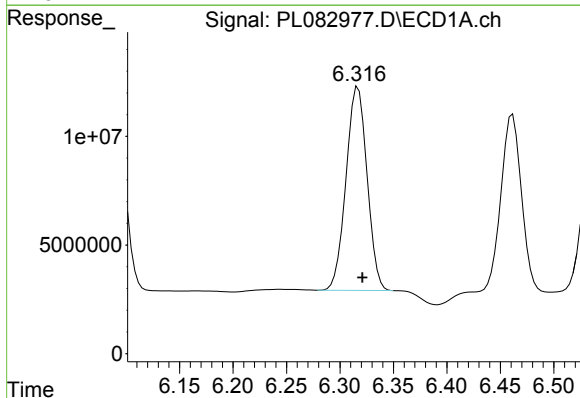
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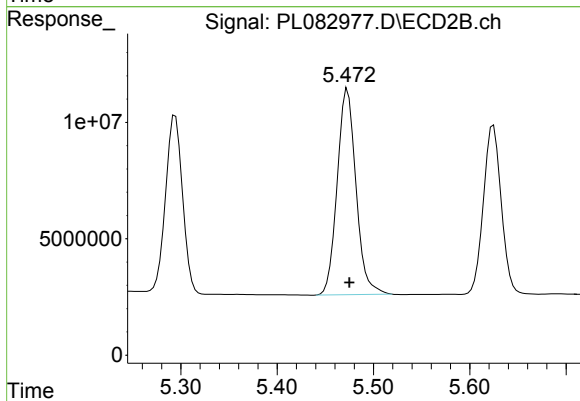
#13 Dieldrin

R.T.: 5.199 min
Delta R.T.: -0.003 min
Response: 130198040
Conc: 46.12 ng/ml



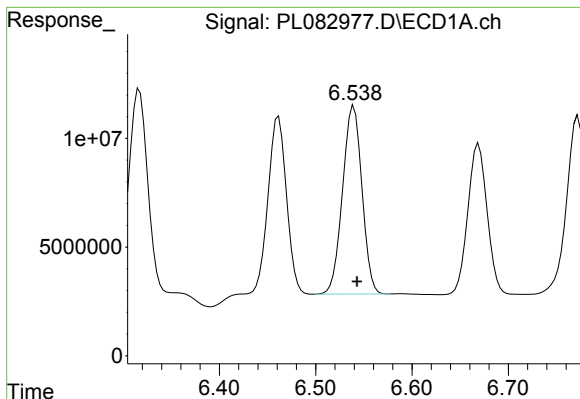
#14 Endrin

R.T.: 6.317 min
Delta R.T.: -0.004 min
Response: 128582644
Conc: 47.85 ng/ml



#14 Endrin

R.T.: 5.473 min
Delta R.T.: -0.002 min
Response: 120064098
Conc: 47.33 ng/ml



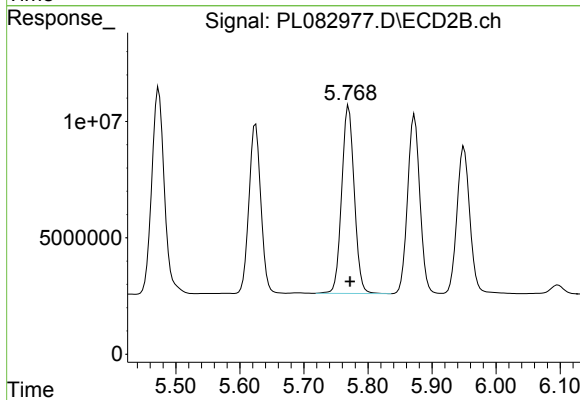
#15 Endosulfan II

R.T.: 6.540 min
Delta R.T.: -0.003 min
Response: 120884969
Conc: 45.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

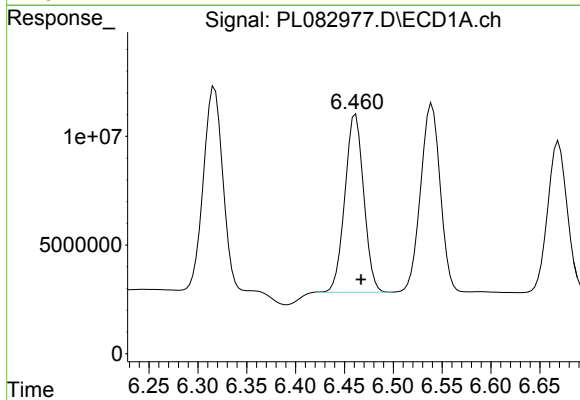
Manual Integrations
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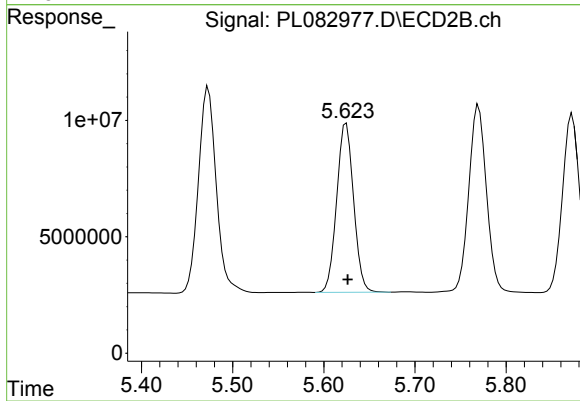
#15 Endosulfan II

R.T.: 5.770 min
Delta R.T.: -0.002 min
Response: 109716777
Conc: 44.34 ng/ml



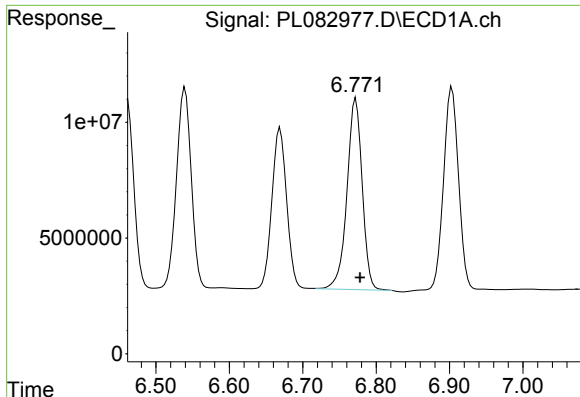
#16 4,4'-DDD

R.T.: 6.462 min
Delta R.T.: -0.005 min
Response: 109818406
Conc: 50.54 ng/ml



#16 4,4'-DDD

R.T.: 5.625 min
Delta R.T.: -0.001 min
Response: 93632538
Conc: 48.68 ng/ml



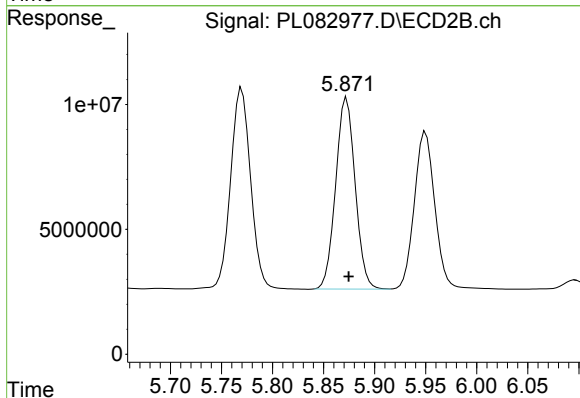
#17 4,4'-DDT

R.T.: 6.772 min
Delta R.T.: -0.006 min
Response: 119109605
Conc: 47.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

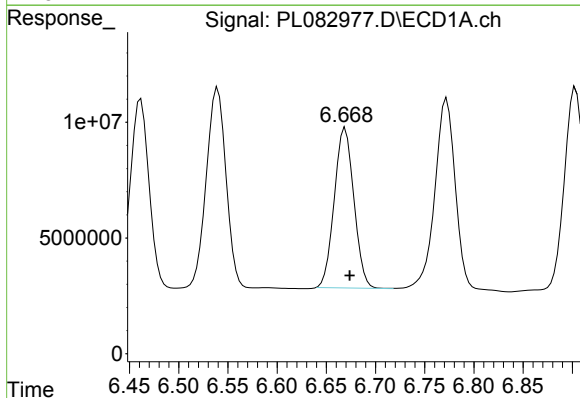
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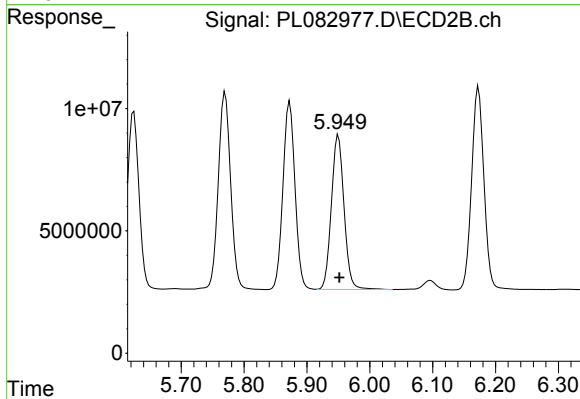
#17 4,4'-DDT

R.T.: 5.873 min
Delta R.T.: -0.002 min
Response: 101797423
Conc: 45.63 ng/ml



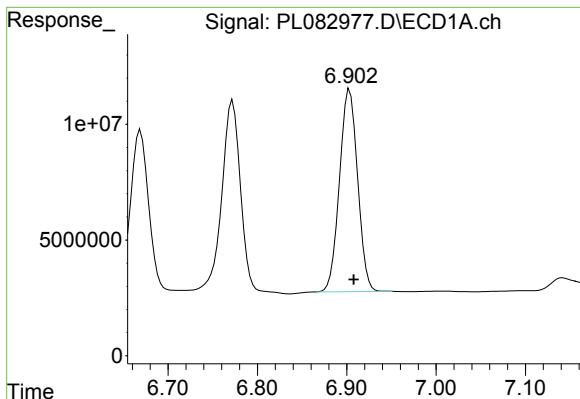
#18 Endrin aldehyde

R.T.: 6.669 min
Delta R.T.: -0.005 min
Response: 95948838
Conc: 47.72 ng/ml



#18 Endrin aldehyde

R.T.: 5.950 min
Delta R.T.: -0.002 min
Response: 88295272
Conc: 44.65 ng/ml



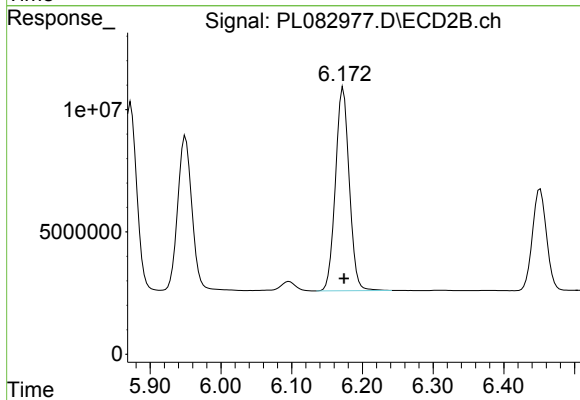
#19 Endosulfan Sulfate

R.T.: 6.903 min
Delta R.T.: -0.005 min
Response: 123441672
Conc: 48.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

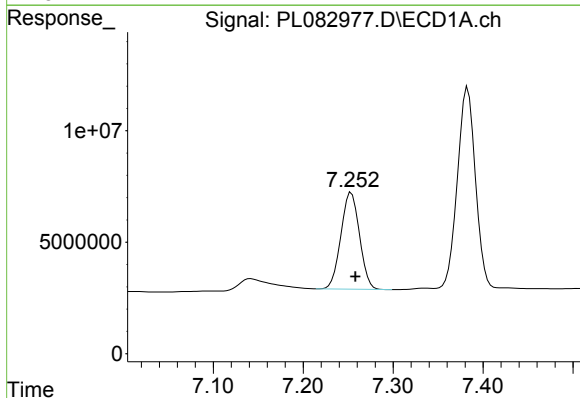
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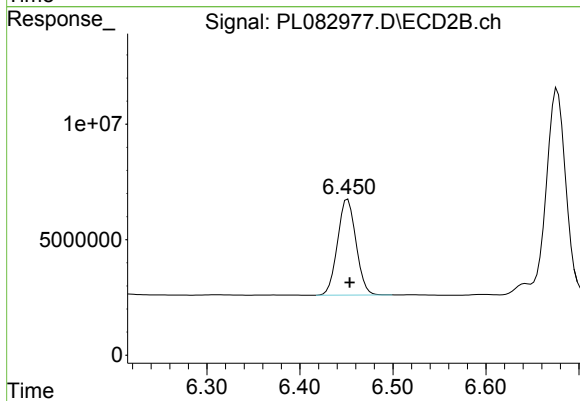
#19 Endosulfan Sulfate

R.T.: 6.173 min
Delta R.T.: -0.001 min
Response: 112536163
Conc: 45.95 ng/ml



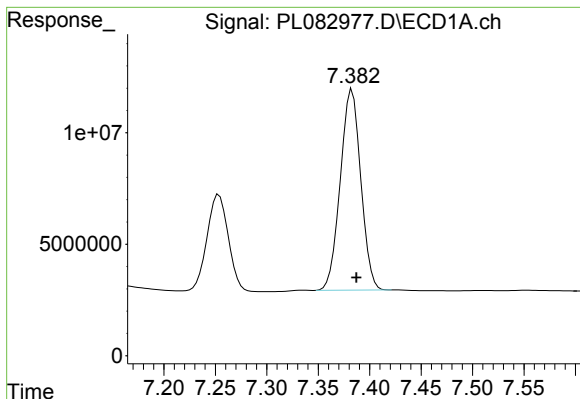
#20 Methoxychlor

R.T.: 7.253 min
Delta R.T.: -0.005 min
Response: 62418217
Conc: 47.20 ng/ml



#20 Methoxychlor

R.T.: 6.452 min
Delta R.T.: -0.002 min
Response: 57286050
Conc: 45.05 ng/ml



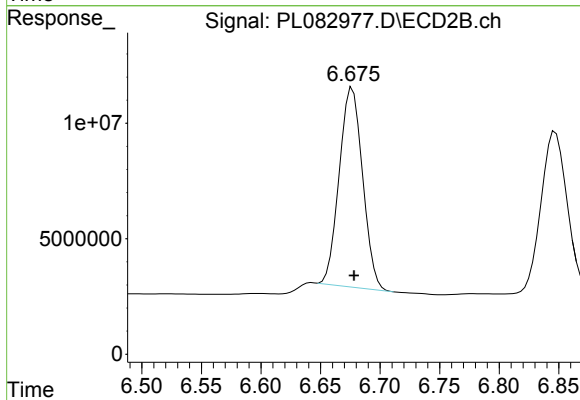
#21 Endrin ketone

R.T.: 7.383 min
Delta R.T.: -0.004 min
Response: 124877789
Conc: 48.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

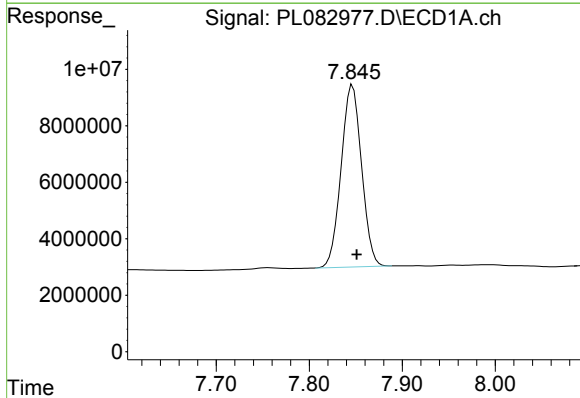
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/25/2023
Supervised By :Ankita Jodhani 05/26/2023



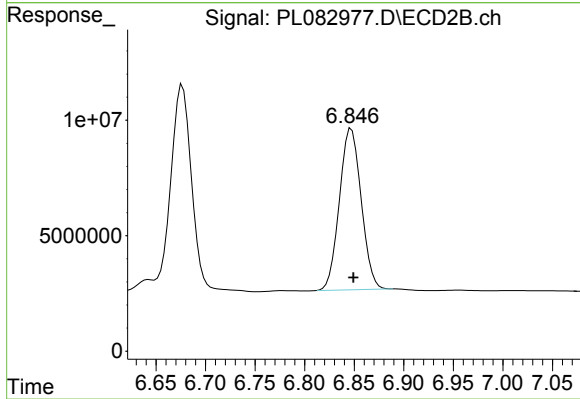
#21 Endrin ketone

R.T.: 6.675 min
Delta R.T.: -0.003 min
Response: 118020959
Conc: 43.65 ng/ml m



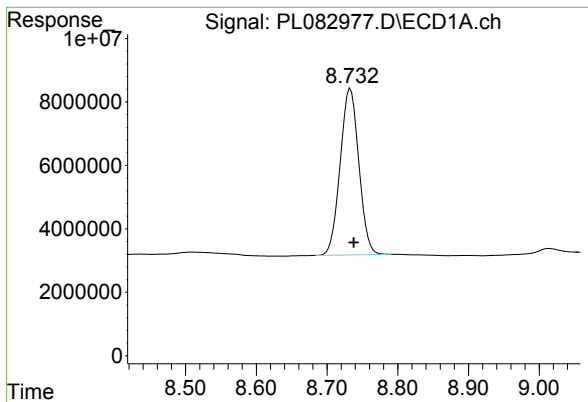
#22 Mirex

R.T.: 7.847 min
Delta R.T.: -0.004 min
Response: 98451644
Conc: 46.97 ng/ml



#22 Mirex

R.T.: 6.847 min
Delta R.T.: -0.002 min
Response: 106941095
Conc: 45.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.733 min
Delta R.T.: -0.005 min
Response: 95997553
Conc: 45.77 ng/ml

Instrument :

ECD_L

ClientSampleId :

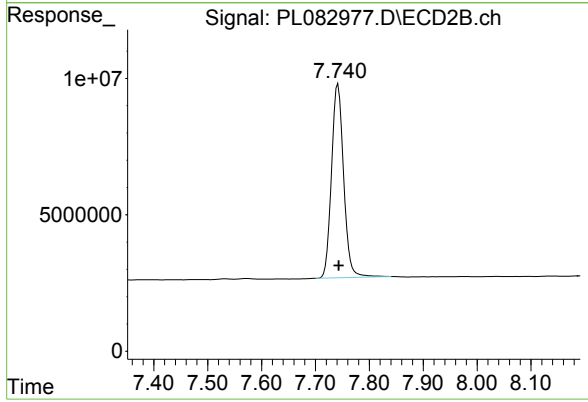
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.742 min
Delta R.T.: -0.002 min
Response: 111311762
Conc: 44.77 ng/ml