

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011423\
 Data File : PL080306.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jan 2023 08:46
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations APPROVED

Reviewed By : Abdul

Mirza

01/16/2023

Supervised By : Ankita

Jodhani

01/16/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 15 20:19:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011223.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 12 01:47:41 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...	3.354	2.692	45813258	45597116	22.933	20.387
28)	SA Decachlor...	8.795	7.844	31333184	41133251	21.237	18.299
Target Compounds							
2)	A alpha-BHC	3.802	3.193	30838227	29252608	10.677	9.132
3)	MA gamma-BHC...	4.131	3.522	29683383	28257079	11.104	9.360
6)	B beta-BHC	4.327	3.818	14675060	14662514	12.416	10.894
12)	B 4,4'-DDE	5.991	5.154	282515	246724	0.146m	0.105m#
14)	MA Endrin	6.362	5.556	95183771	107.1E6	51.894	45.026
16)	A 4,4'-DDD	6.505	5.708	5432995	4690602	3.433	2.531 #
17)	MA 4,4'-DDT	6.818	5.960	182.6E6	211.8E6	103.523	100.500
18)	B Endrin al...	6.711	6.031	2526884	3725023	1.752	2.046
20)	A Methoxychlor	7.296	6.538	240.1E6	277.0E6	269.526	230.477
21)	B Endrin ke...	7.424	6.757	6083229	7768462	3.265	3.085

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

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Acq On : 13 Jan 2023 08:46
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Instrument :
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Reviewed By :Abdul

Mirza

01/16/2023

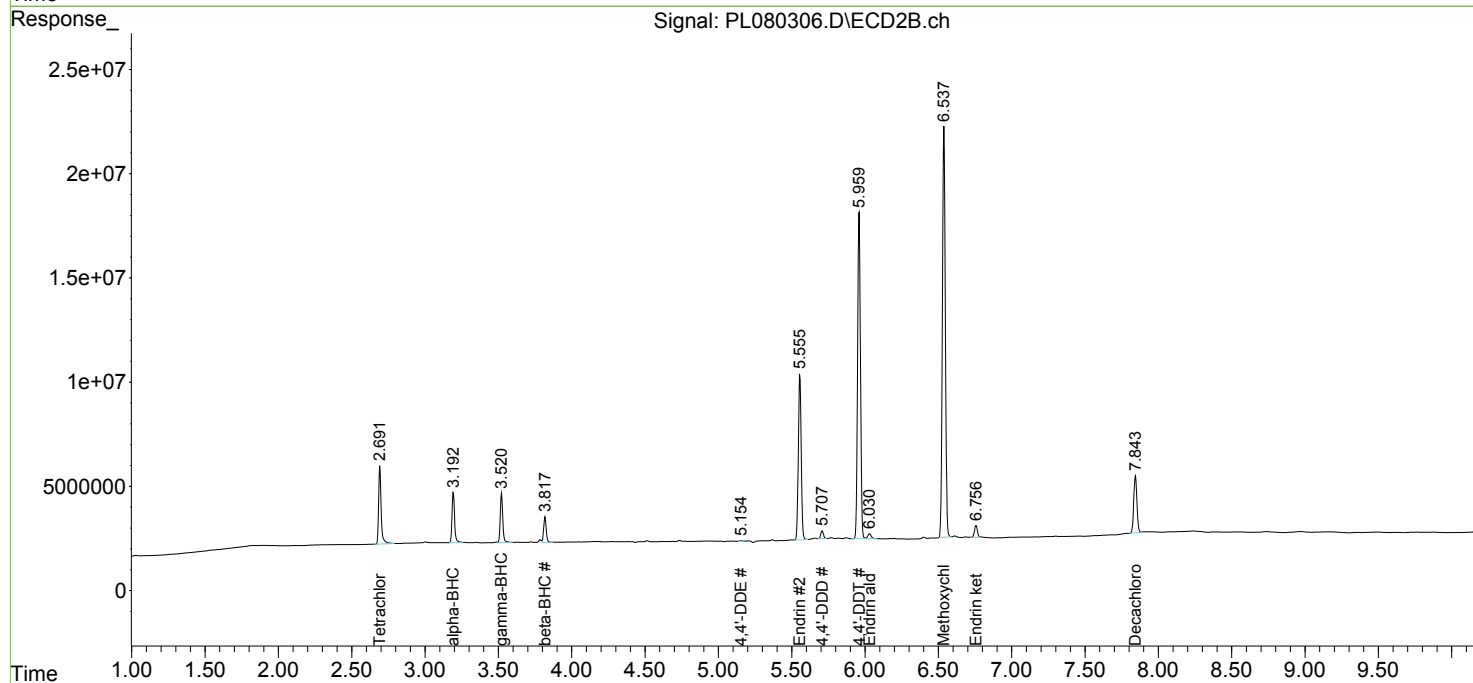
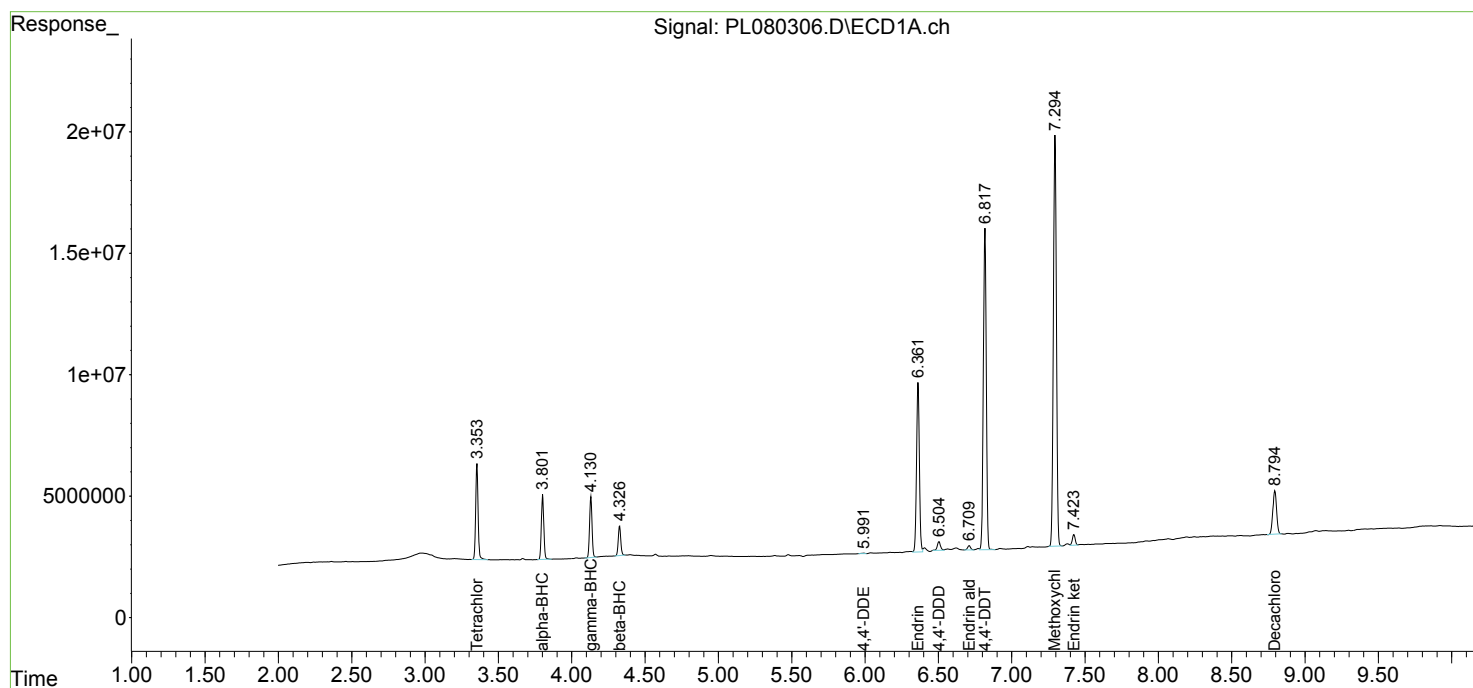
Supervised By :Ankita

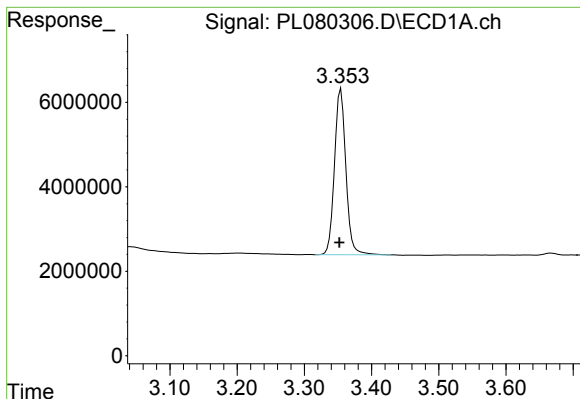
Jodhani

01/16/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 15 20:19:49 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011223.M
Quant Title : GC Extractables
QLast Update : Thu Jan 12 01:47:41 2023
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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

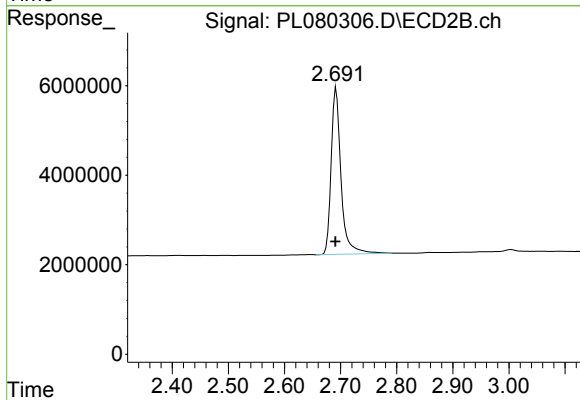
R.T.: 3.354 min
Delta R.T.: 0.002 min
Response: 45813258
Conc: 22.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations
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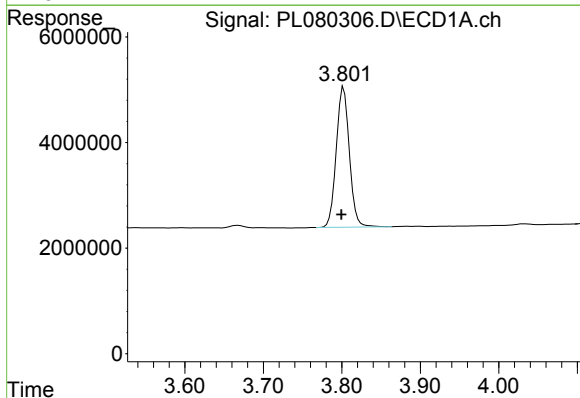
Reviewed By :Abdul
Mirza
01/16/2023

Supervised By :Ankita
Jodhani
01/16/2023



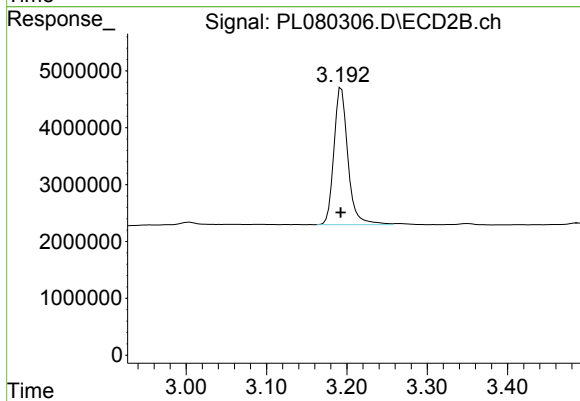
#1 Tetrachloro-m-xylene

R.T.: 2.692 min
Delta R.T.: 0.002 min
Response: 45597116
Conc: 20.39 ng/ml



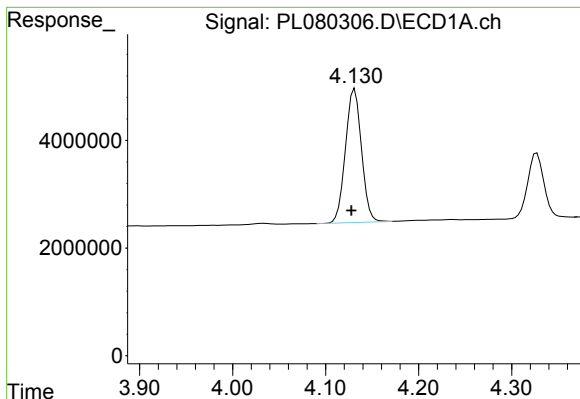
#2 alpha-BHC

R.T.: 3.802 min
Delta R.T.: 0.003 min
Response: 30838227
Conc: 10.68 ng/ml



#2 alpha-BHC

R.T.: 3.193 min
Delta R.T.: 0.000 min
Response: 29252608
Conc: 9.13 ng/ml



#3 gamma-BHC (Lindane)

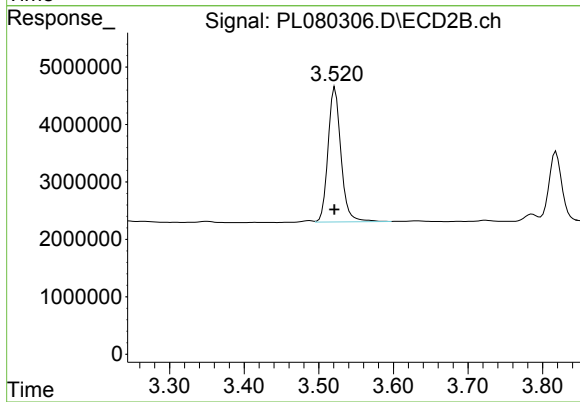
R.T.: 4.131 min
Delta R.T.: 0.003 min
Response: 29683383
Conc: 11.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations
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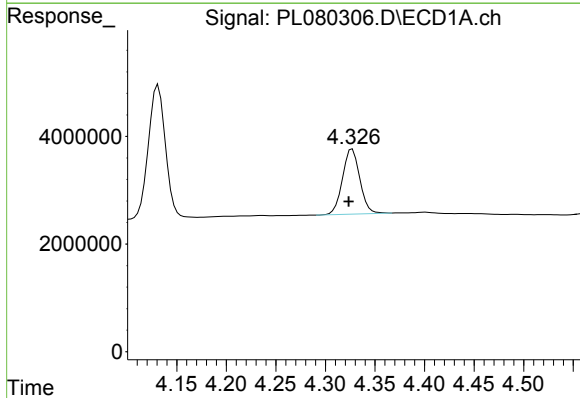
Reviewed By :Abdul
Mirza
01/16/2023

Supervised By :Ankita
Jodhani
01/16/2023



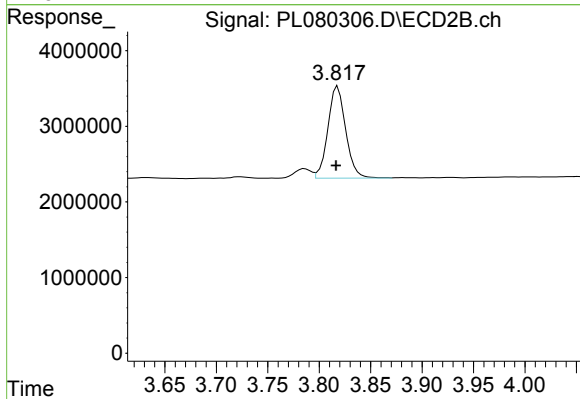
#3 gamma-BHC (Lindane)

R.T.: 3.522 min
Delta R.T.: 0.000 min
Response: 28257079
Conc: 9.36 ng/ml



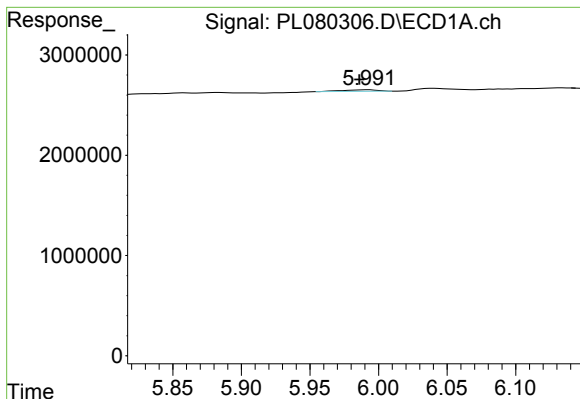
#6 beta-BHC

R.T.: 4.327 min
Delta R.T.: 0.004 min
Response: 14675060
Conc: 12.42 ng/ml



#6 beta-BHC

R.T.: 3.818 min
Delta R.T.: 0.002 min
Response: 14662514
Conc: 10.89 ng/ml



#12 4,4'-DDE

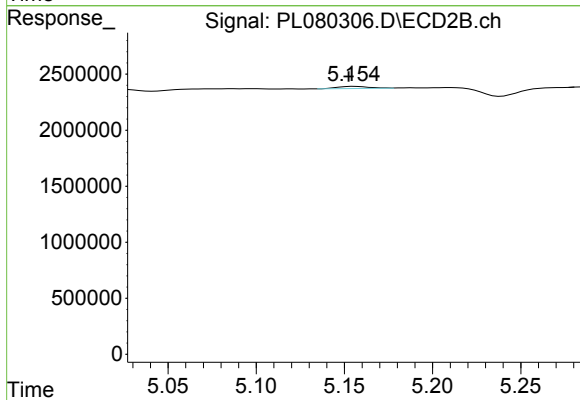
R.T.: 5.991 min
Delta R.T.: 0.005 min
Response: 282515
Conc: 0.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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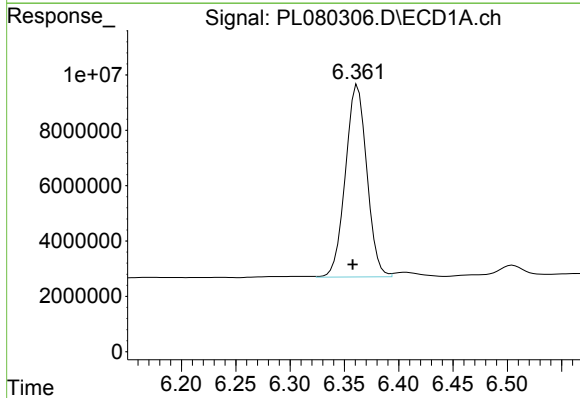
Reviewed By :Abdul
Mirza
01/16/2023

Supervised By :Ankita
Jodhani
01/16/2023



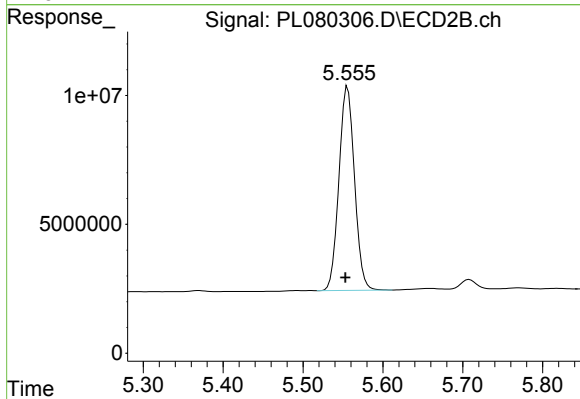
#12 4,4'-DDE

R.T.: 5.154 min
Delta R.T.: 0.001 min
Response: 246724
Conc: 0.11 ng/ml m



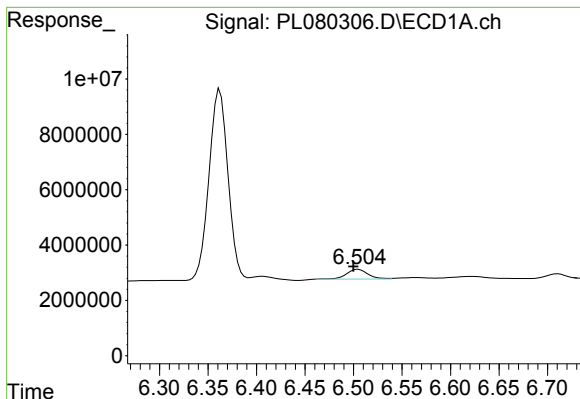
#14 Endrin

R.T.: 6.362 min
Delta R.T.: 0.005 min
Response: 95183771
Conc: 51.89 ng/ml



#14 Endrin

R.T.: 5.556 min
Delta R.T.: 0.003 min
Response: 107127733
Conc: 45.03 ng/ml



#16 4,4'-DDD

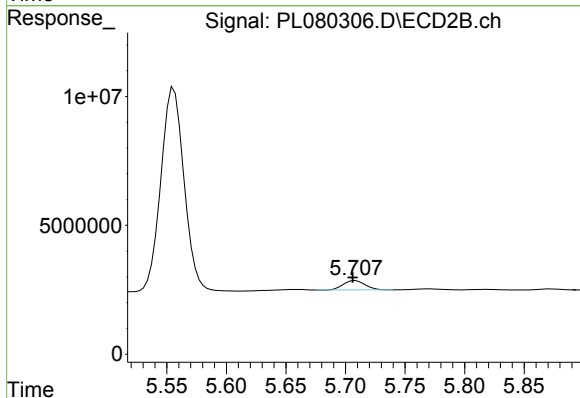
R.T.: 6.505 min
Delta R.T.: 0.005 min
Response: 5432995
Conc: 3.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations
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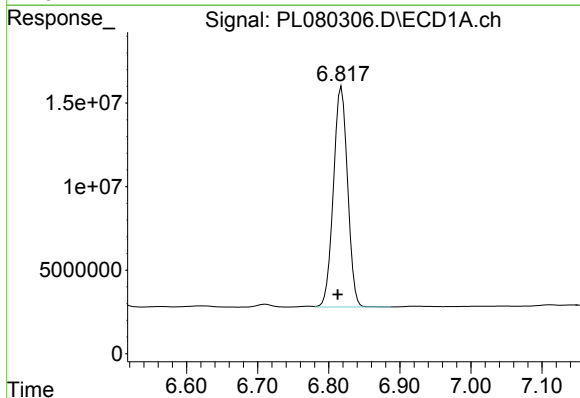
Reviewed By :Abdul
Mirza
01/16/2023

Supervised By :Ankita
Jodhani
01/16/2023



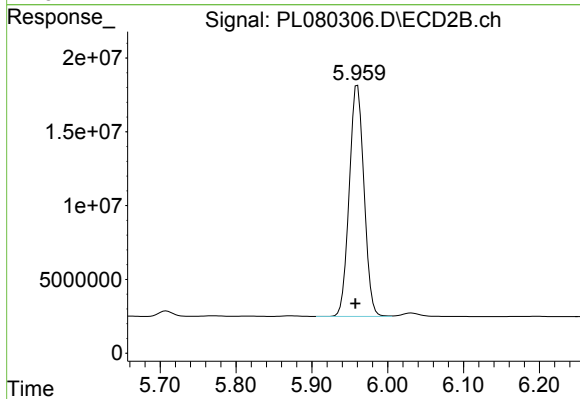
#16 4,4'-DDD

R.T.: 5.708 min
Delta R.T.: 0.002 min
Response: 4690602
Conc: 2.53 ng/ml



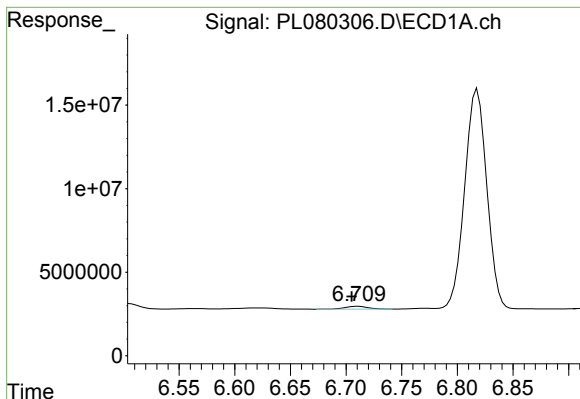
#17 4,4'-DDT

R.T.: 6.818 min
Delta R.T.: 0.005 min
Response: 182571566
Conc: 103.52 ng/ml



#17 4,4'-DDT

R.T.: 5.960 min
Delta R.T.: 0.003 min
Response: 211778935
Conc: 100.50 ng/ml



#18 Endrin aldehyde

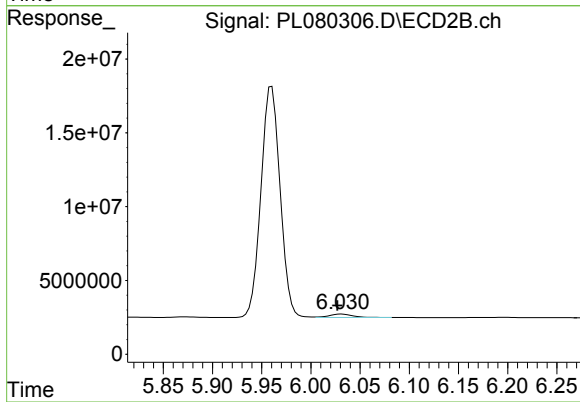
R.T.: 6.711 min
Delta R.T.: 0.005 min
Response: 2526884
Conc: 1.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations
APPROVED

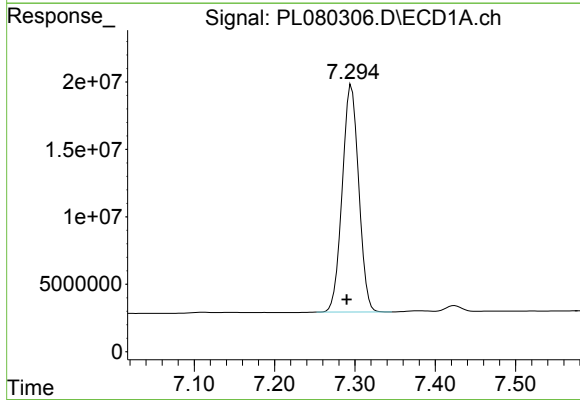
Reviewed By :Abdul
Mirza
01/16/2023

Supervised By :Ankita
Jodhani
01/16/2023



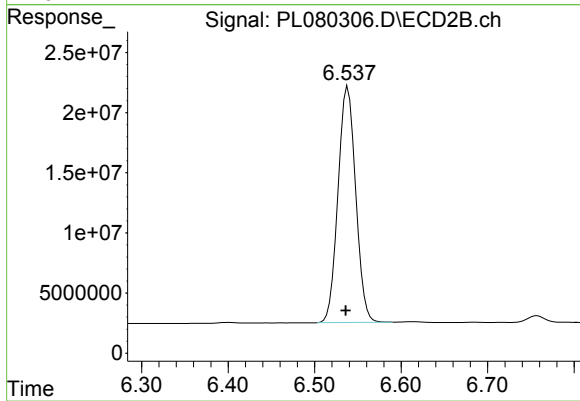
#18 Endrin aldehyde

R.T.: 6.031 min
Delta R.T.: 0.004 min
Response: 3725023
Conc: 2.05 ng/ml



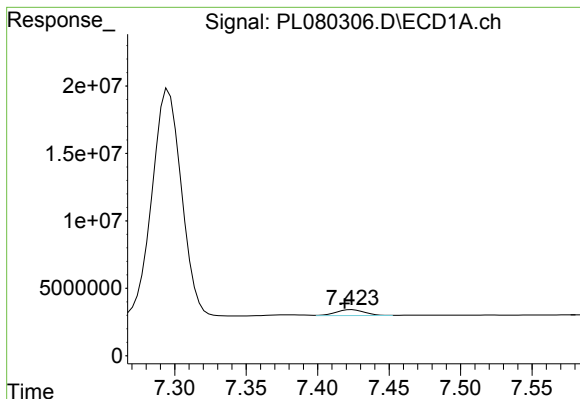
#20 Methoxychlor

R.T.: 7.296 min
Delta R.T.: 0.006 min
Response: 240135838
Conc: 269.53 ng/ml



#20 Methoxychlor

R.T.: 6.538 min
Delta R.T.: 0.002 min
Response: 277034605
Conc: 230.48 ng/ml



#21 Endrin ketone

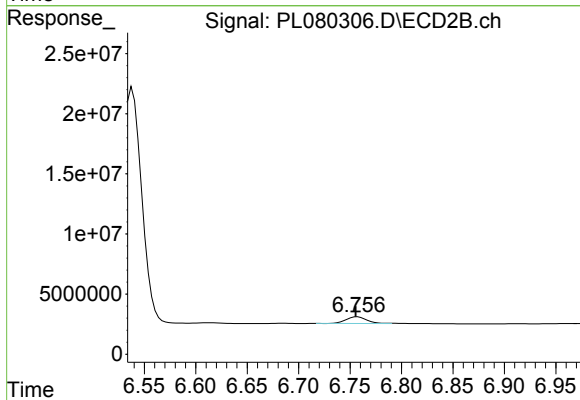
R.T.: 7.424 min
Delta R.T.: 0.005 min
Response: 6083229
Conc: 3.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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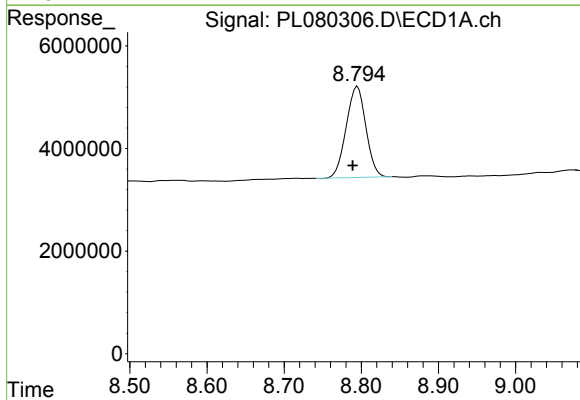
Reviewed By :Abdul
Mirza
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Supervised By :Ankita
Jodhani
01/16/2023



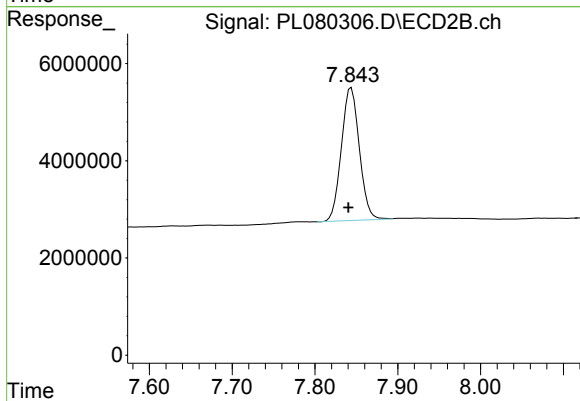
#21 Endrin ketone

R.T.: 6.757 min
Delta R.T.: 0.002 min
Response: 7768462
Conc: 3.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.795 min
Delta R.T.: 0.006 min
Response: 31333184
Conc: 21.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.844 min
Delta R.T.: 0.003 min
Response: 41133251
Conc: 18.30 ng/ml