

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021423\
 Data File : PL080908.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Feb 2023 14:12
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/15/2023
 Supervised By : Ankita Jodhani 02/15/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 14 20:31:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
 Quant Title : GC Extractables
 QLast Update : Sun Jan 22 23:56:48 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	2.687	121.2E6	122.4E6	56.496	55.727
28)	SA Decachlor...	8.789	7.832	84543079	107.0E6	48.289	44.928
Target Compounds							
2)	A alpha-BHC	3.802	3.188	189.2E6	180.3E6	59.708	56.696
3)	MA gamma-BHC...	4.131	3.516	174.8E6	168.1E6	59.469	56.265
4)	MA Heptachlor	4.714	3.857	163.9E6	166.9E6	55.456	52.434
5)	MB Aldrin	5.052	4.136	157.4E6	162.1E6	57.548	54.944
6)	B beta-BHC	4.327	3.812	74819333	72533206	54.812	54.347
7)	B delta-BHC	4.570	4.042	171.2E6	162.7E6	59.121	56.422
8)	B Heptachlo...	5.477	4.638	144.9E6	150.1E6	56.016	53.954
9)	A Endosulfan I	5.858	5.007	132.8E6	137.8E6	56.255	52.957
10)	B gamma-Chl...	5.731	4.887	145.9E6	153.3E6	57.756	54.101m
11)	B alpha-Chl...	5.811	4.953	143.0E6	149.3E6	56.653	52.109
12)	B 4,4'-DDE	5.988	5.144	125.2E6	127.7E6	56.218	54.119m
13)	MA Dieldrin	6.132	5.271	135.0E6	146.2E6	56.421	54.058m
14)	MA Endrin	6.359	5.547	113.7E6	121.6E6	52.595	52.373
15)	B Endosulfa...	6.578	5.839	108.6E6	120.9E6	47.363	58.014m
16)	A 4,4'-DDD	6.503	5.699	106.5E6	111.6E6	58.122	59.405
17)	MA 4,4'-DDT	6.815	5.951	95449159	98222006	45.941	46.739
18)	B Endrin al...	6.708	6.021	87096331	92947463	52.360	50.899
19)	B Endosulfa...	6.942	6.244	114.2E6	122.7E6	55.190	52.743
20)	A Methoxychlor	7.293	6.528	49826190	52819567	45.162	43.528
21)	B Endrin ke...	7.422	6.748	120.5E6	137.3E6	54.593	53.761
22)	Mirex	7.892	6.932	88450083	111.7E6	51.431	49.076

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021423\
Data File : PL080908.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Feb 2023 14:12
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

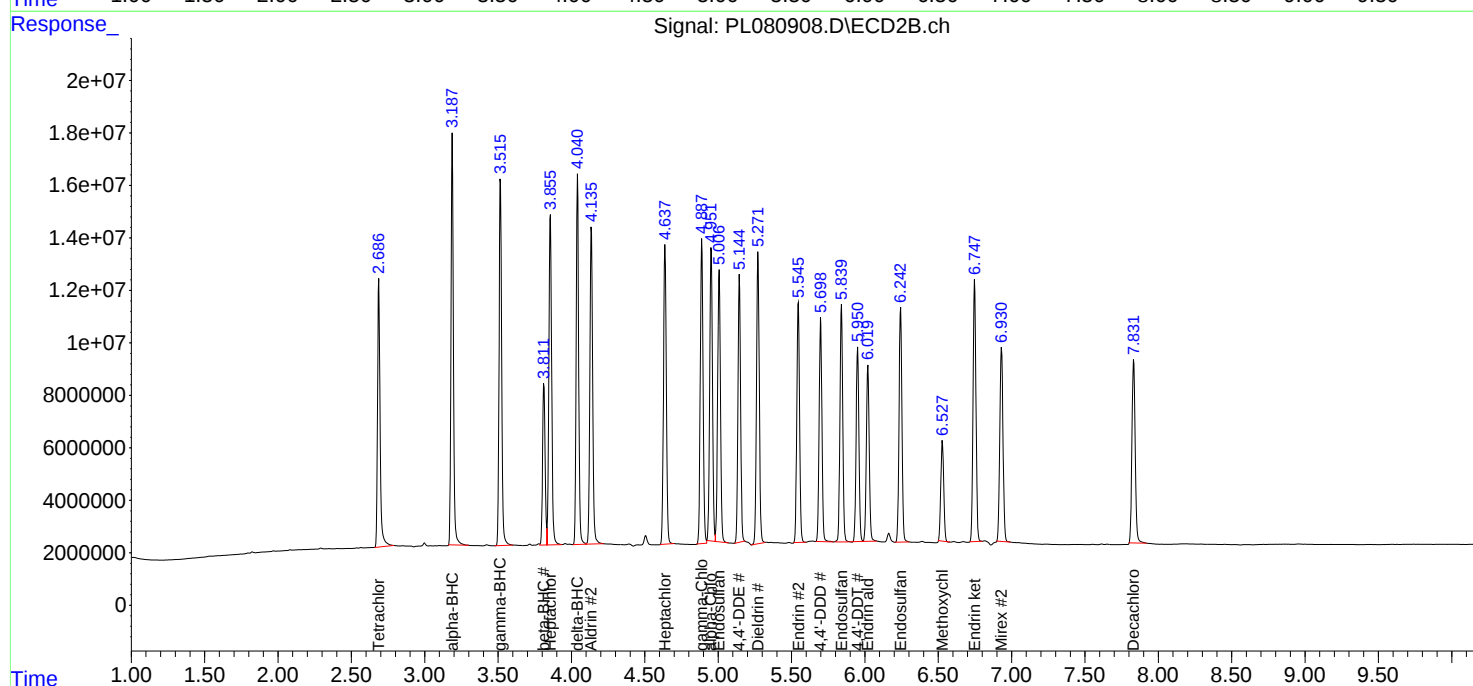
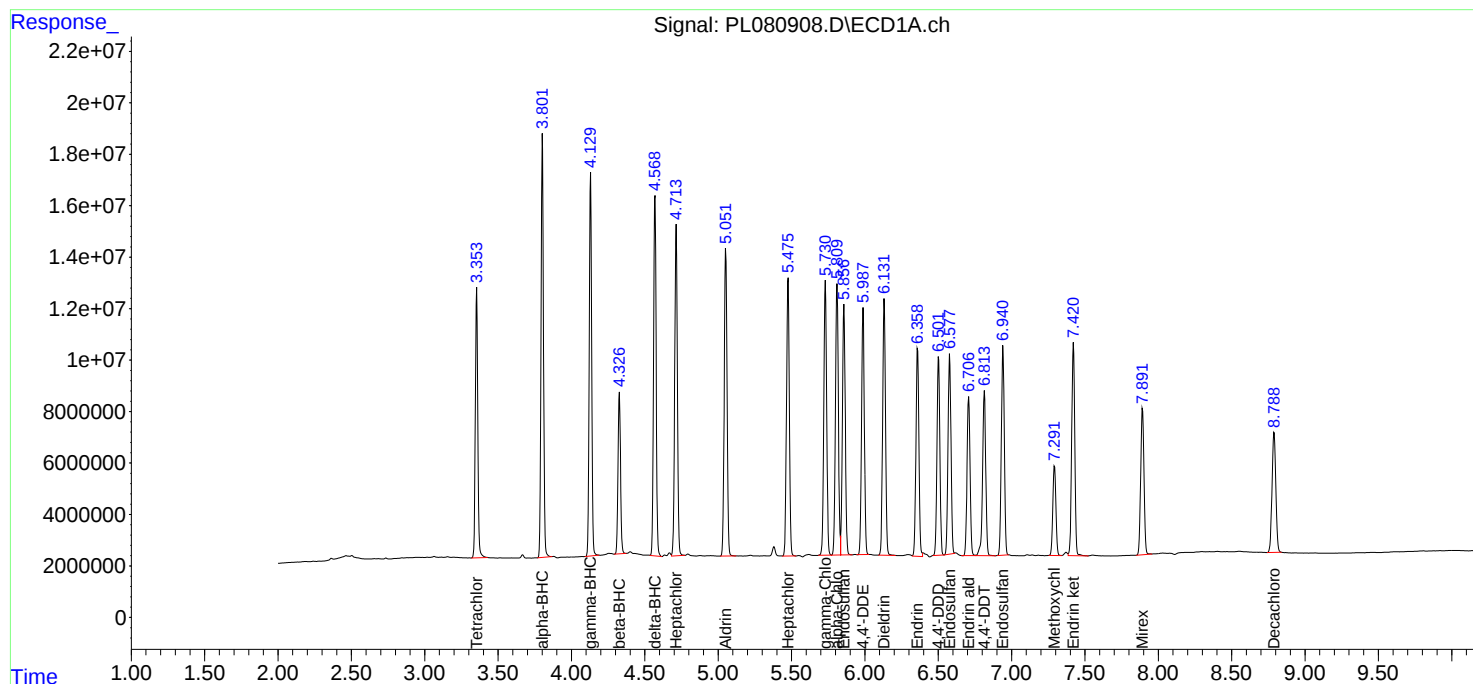
APPROVED

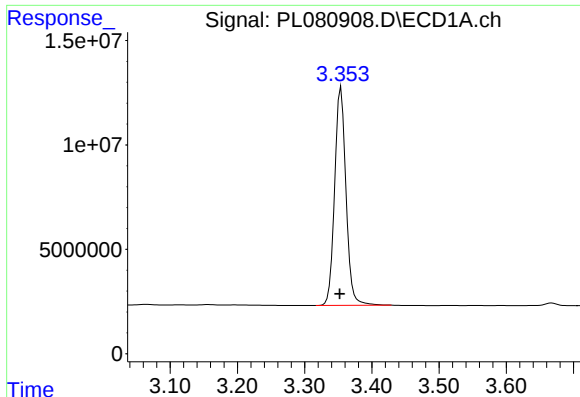
Reviewed By :Abdul Mirza 02/15/2023

Supervised By :Ankita Jodhani 02/15/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 14 20:31:13 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Sun Jan 22 23:56:48 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





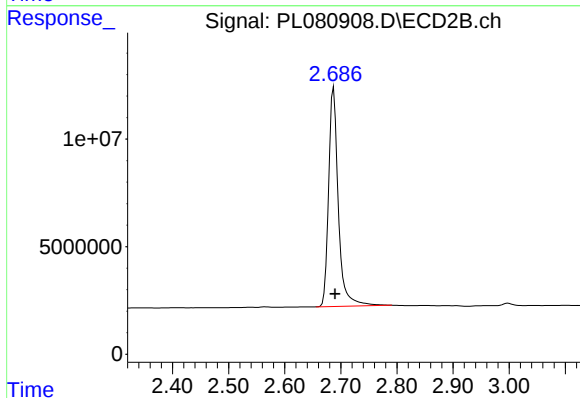
#1 Tetrachloro-m-xylene

R.T.: 3.354 min
Delta R.T.: 0.002 min
Response: 121174231
Conc: 56.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

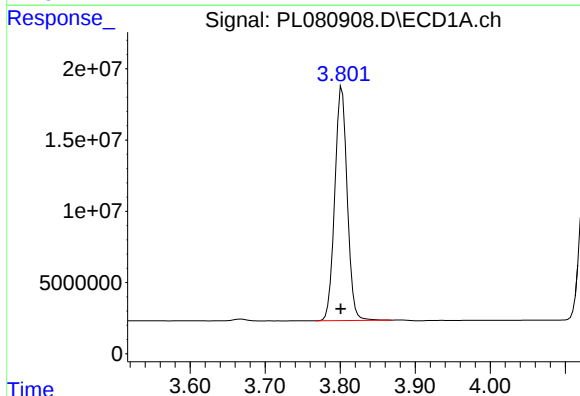
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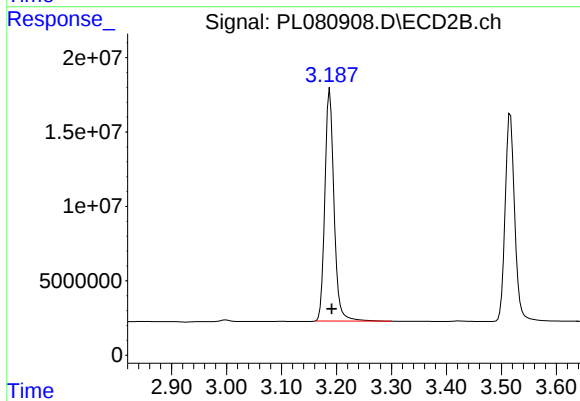
#1 Tetrachloro-m-xylene

R.T.: 2.687 min
Delta R.T.: -0.003 min
Response: 122402099
Conc: 55.73 ng/ml



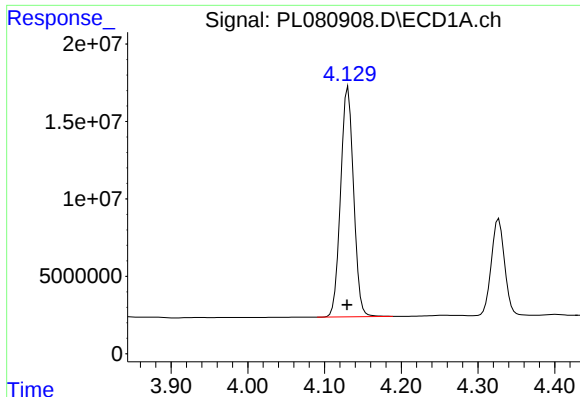
#2 alpha-BHC

R.T.: 3.802 min
Delta R.T.: 0.002 min
Response: 189157825
Conc: 59.71 ng/ml



#2 alpha-BHC

R.T.: 3.188 min
Delta R.T.: -0.004 min
Response: 180318184
Conc: 56.70 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.131 min
Delta R.T.: 0.001 min
Response: 174823711
Conc: 59.47 ng/ml

Instrument :

ECD_L

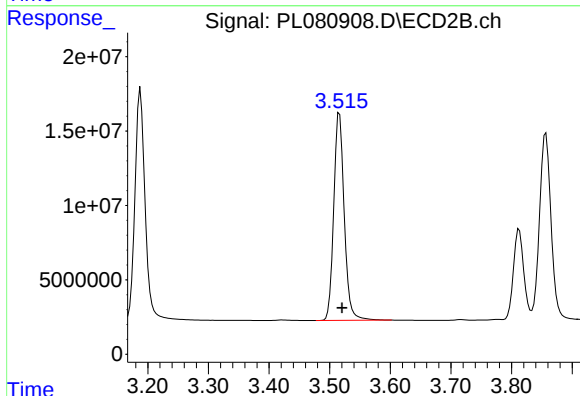
ClientSampleId :

PSTDCCC050

Manual Integrations

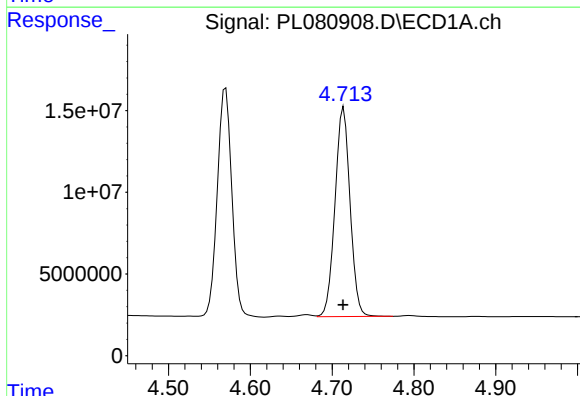
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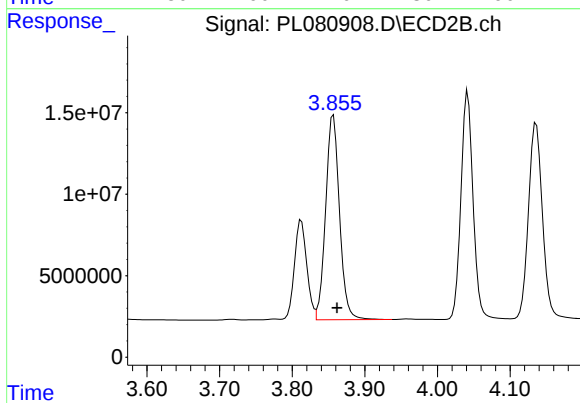
#3 gamma-BHC (Lindane)

R.T.: 3.516 min
Delta R.T.: -0.004 min
Response: 168080502
Conc: 56.26 ng/ml



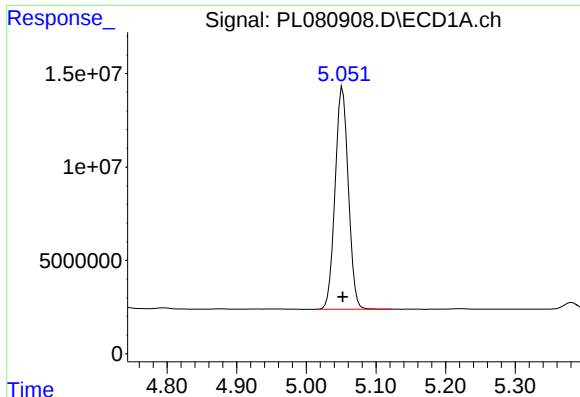
#4 Heptachlor

R.T.: 4.714 min
Delta R.T.: 0.000 min
Response: 163884957
Conc: 55.46 ng/ml



#4 Heptachlor

R.T.: 3.857 min
Delta R.T.: -0.005 min
Response: 166864817
Conc: 52.43 ng/ml



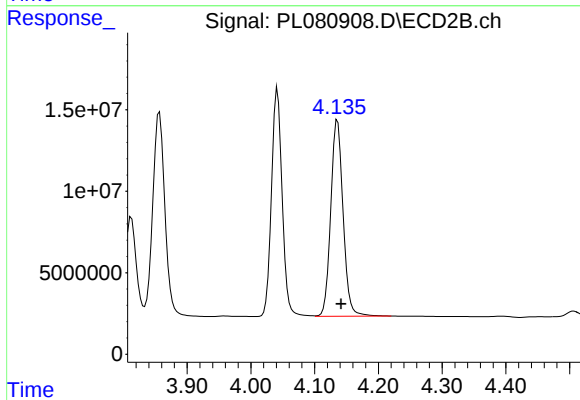
#5 Aldrin

R.T.: 5.052 min
Delta R.T.: 0.000 min
Response: 157438132
Conc: 57.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

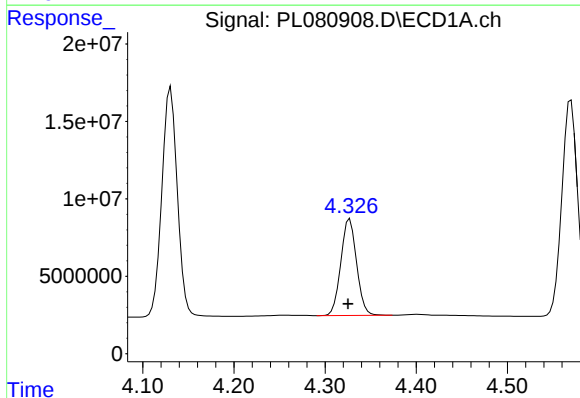
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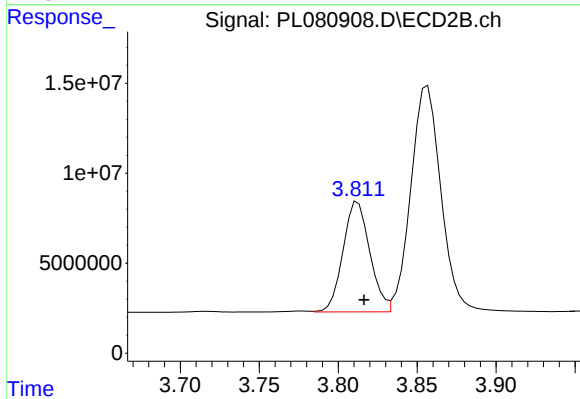
#5 Aldrin

R.T.: 4.136 min
Delta R.T.: -0.005 min
Response: 162060848
Conc: 54.94 ng/ml



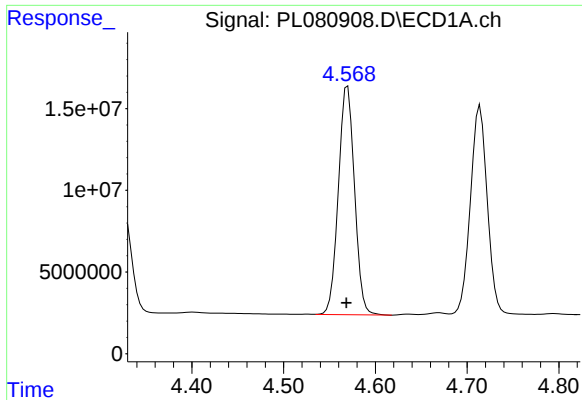
#6 beta-BHC

R.T.: 4.327 min
Delta R.T.: 0.002 min
Response: 74819333
Conc: 54.81 ng/ml



#6 beta-BHC

R.T.: 3.812 min
Delta R.T.: -0.004 min
Response: 72533206
Conc: 54.35 ng/ml



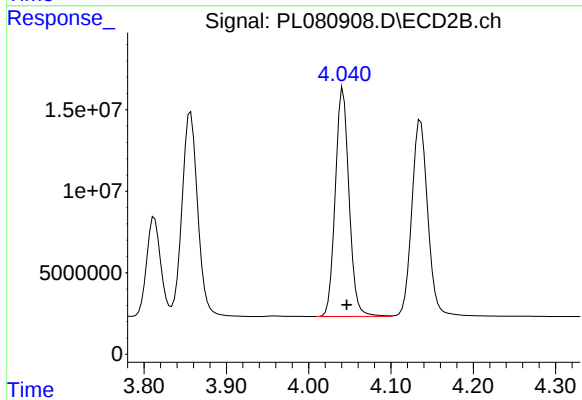
#7 delta-BHC

R.T.: 4.570 min
Delta R.T.: 0.001 min
Response: 171155481
Conc: 59.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

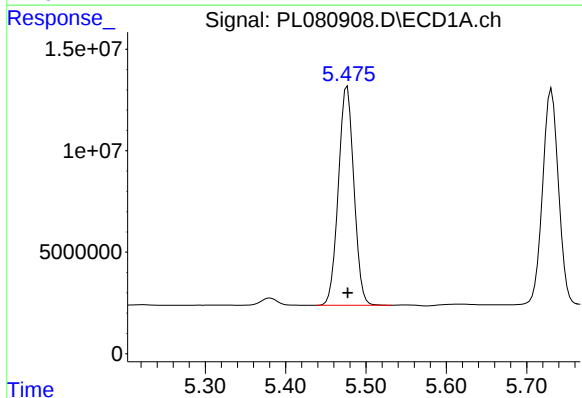
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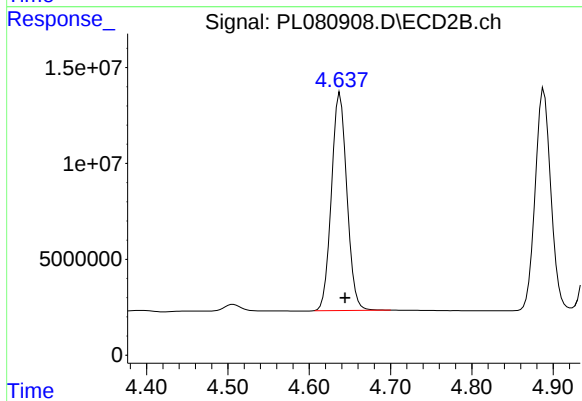
#7 delta-BHC

R.T.: 4.042 min
Delta R.T.: -0.005 min
Response: 162745060
Conc: 56.42 ng/ml



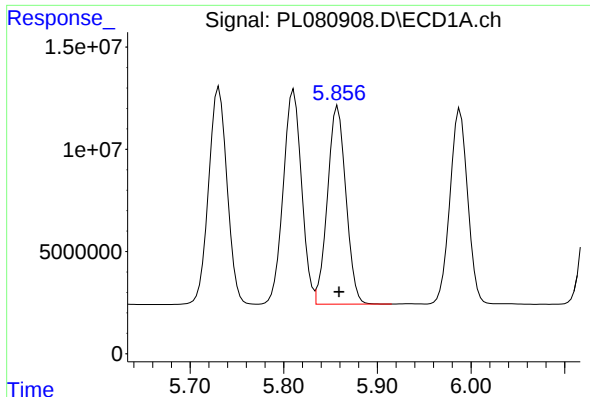
#8 Heptachlor epoxide

R.T.: 5.477 min
Delta R.T.: 0.000 min
Response: 144916944
Conc: 56.02 ng/ml



#8 Heptachlor epoxide

R.T.: 4.638 min
Delta R.T.: -0.006 min
Response: 150117063
Conc: 53.95 ng/ml



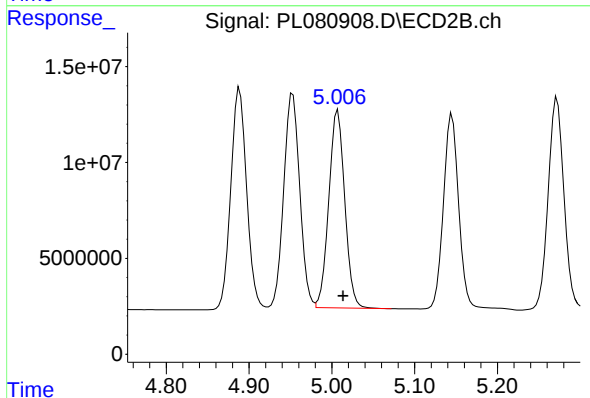
#9 Endosulfan I

R.T.: 5.858 min
Delta R.T.: -0.001 min
Response: 132845231
Conc: 56.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

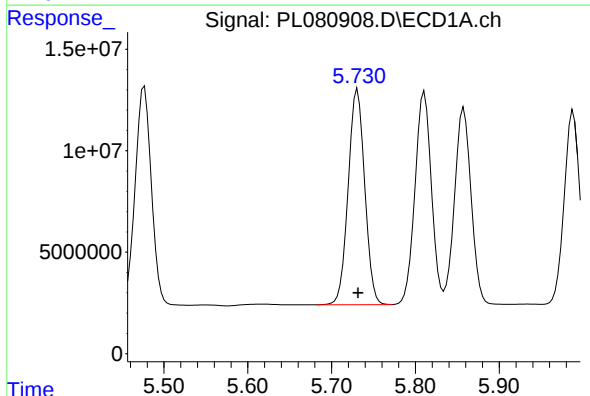
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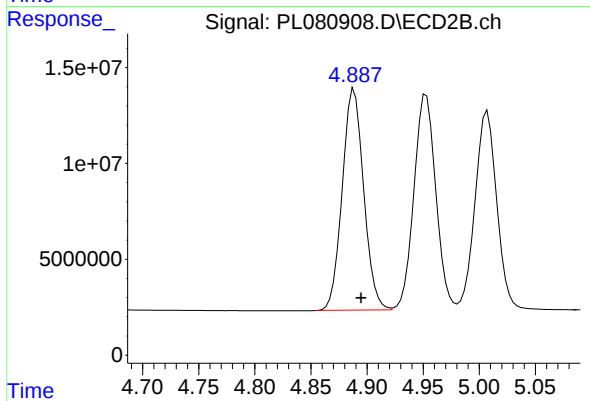
#9 Endosulfan I

R.T.: 5.007 min
Delta R.T.: -0.006 min
Response: 137758320
Conc: 52.96 ng/ml



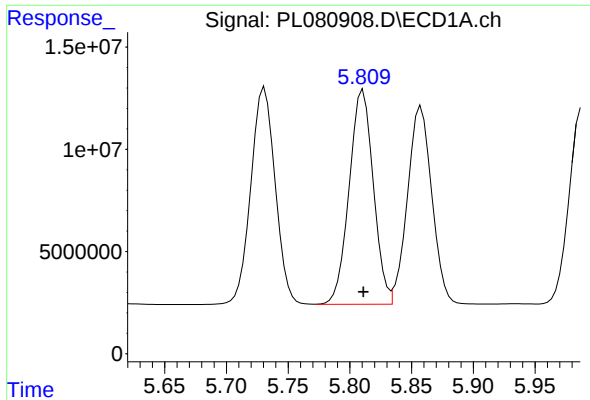
#10 gamma-Chlordane

R.T.: 5.731 min
Delta R.T.: 0.000 min
Response: 145876356
Conc: 57.76 ng/ml



#10 gamma-Chlordane

R.T.: 4.887 min
Delta R.T.: -0.008 min
Response: 153334431
Conc: 54.10 ng/ml m



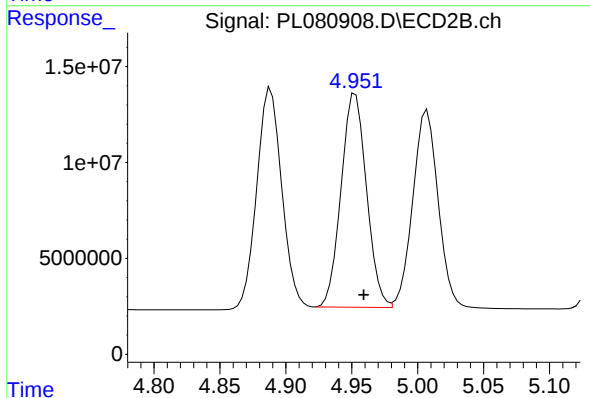
#11 alpha-Chlordane

R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 143008046
Conc: 56.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

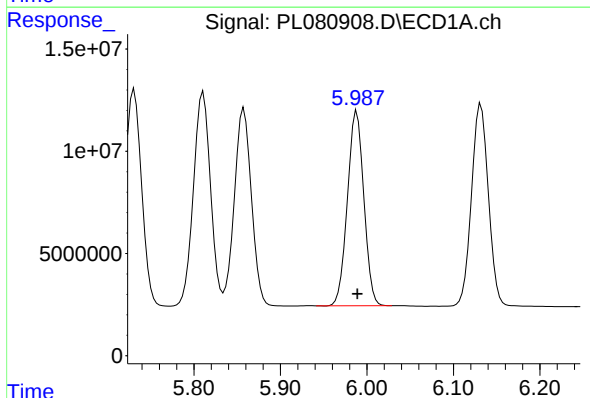
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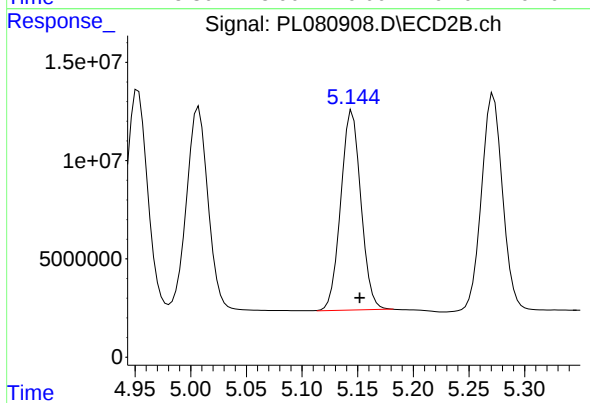
#11 alpha-Chlordane

R.T.: 4.953 min
Delta R.T.: -0.006 min
Response: 149275522
Conc: 52.11 ng/ml



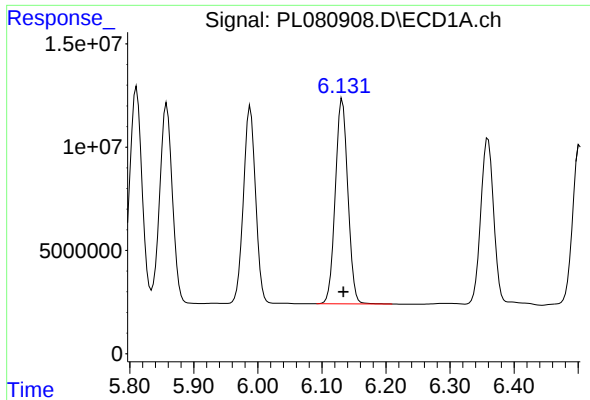
#12 4,4'-DDE

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 125217541
Conc: 56.22 ng/ml



#12 4,4'-DDE

R.T.: 5.144 min
Delta R.T.: -0.008 min
Response: 127656925
Conc: 54.12 ng/ml m



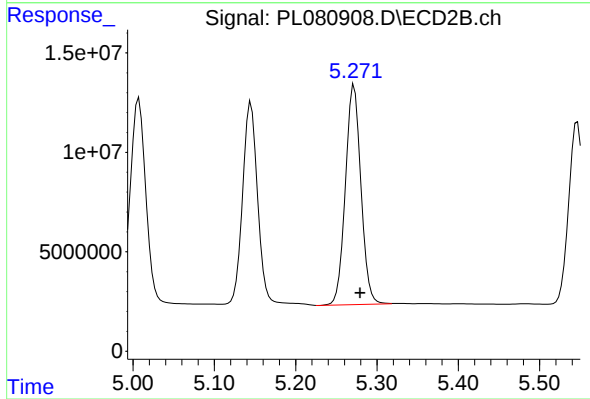
#13 Dieldrin

R.T.: 6.132 min
Delta R.T.: -0.002 min
Response: 135036640
Conc: 56.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

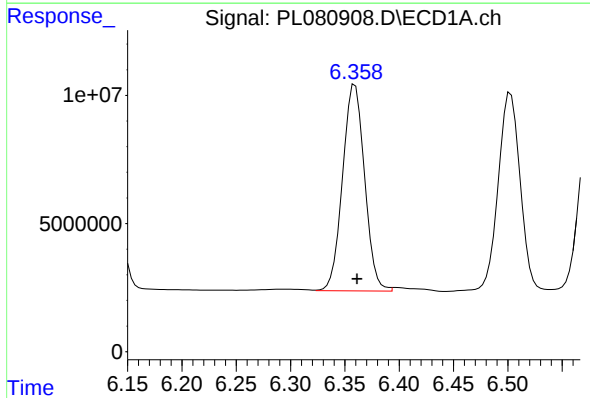
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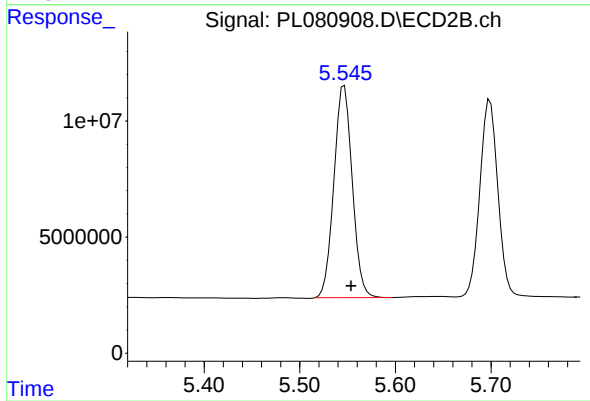
#13 Dieldrin

R.T.: 5.271 min
Delta R.T.: -0.009 min
Response: 146223834
Conc: 54.06 ng/ml m



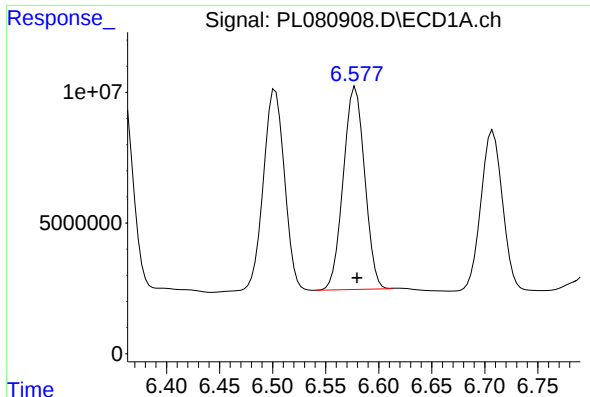
#14 Endrin

R.T.: 6.359 min
Delta R.T.: -0.002 min
Response: 113747725
Conc: 52.60 ng/ml



#14 Endrin

R.T.: 5.547 min
Delta R.T.: -0.007 min
Response: 121565282
Conc: 52.37 ng/ml



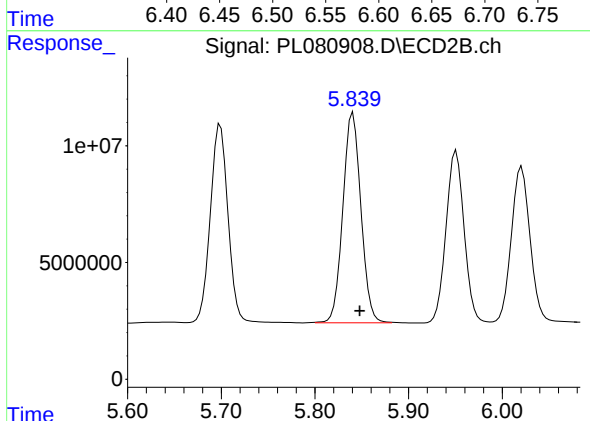
#15 Endosulfan II

R.T.: 6.578 min
Delta R.T.: -0.002 min
Response: 108572327
Conc: 47.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

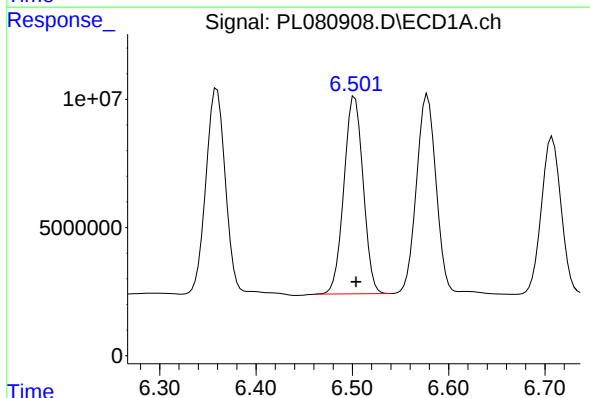
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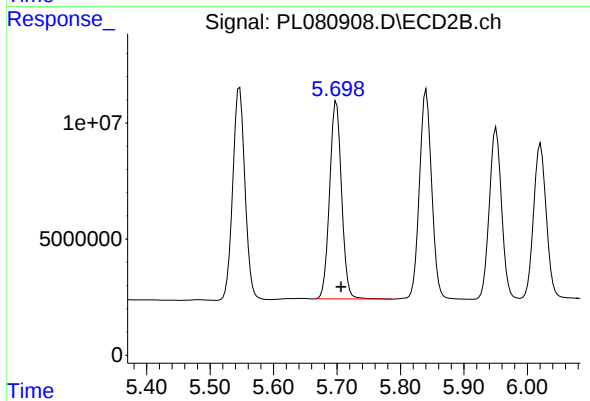
#15 Endosulfan II

R.T.: 5.839 min
Delta R.T.: -0.009 min
Response: 120884300
Conc: 58.01 ng/ml m



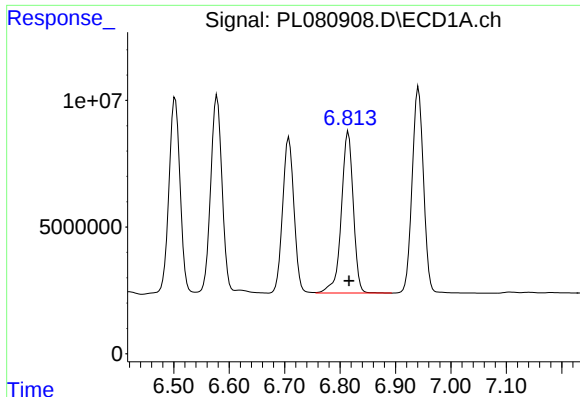
#16 4,4'-DDD

R.T.: 6.503 min
Delta R.T.: -0.001 min
Response: 106478342
Conc: 58.12 ng/ml



#16 4,4'-DDD

R.T.: 5.699 min
Delta R.T.: -0.007 min
Response: 111633091
Conc: 59.40 ng/ml



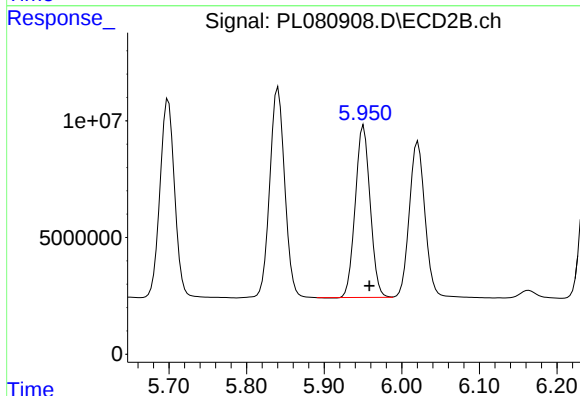
#17 4,4'-DDT

R.T.: 6.815 min
Delta R.T.: -0.001 min
Response: 95449159
Conc: 45.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

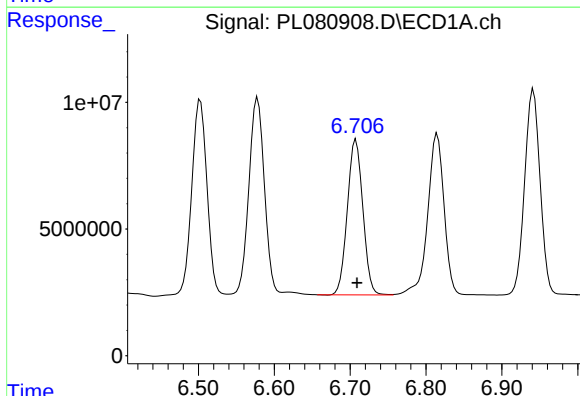
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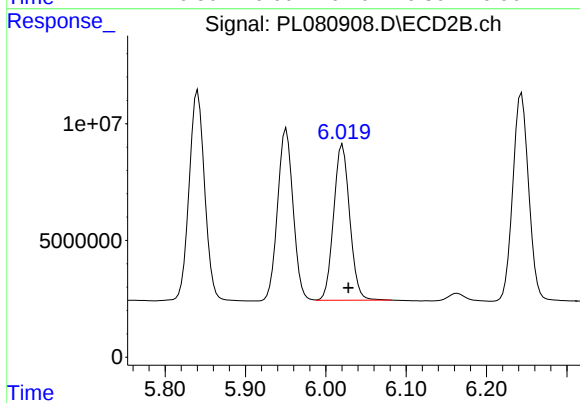
#17 4,4'-DDT

R.T.: 5.951 min
Delta R.T.: -0.007 min
Response: 98222006
Conc: 46.74 ng/ml



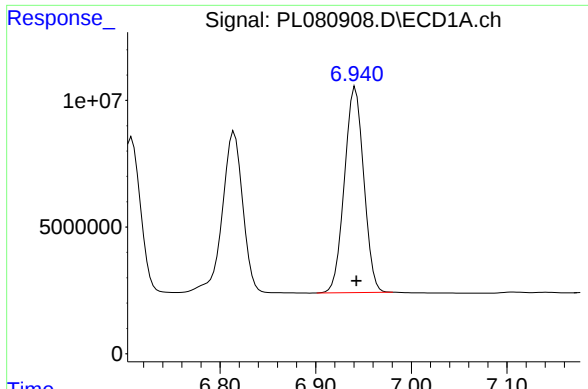
#18 Endrin aldehyde

R.T.: 6.708 min
Delta R.T.: -0.002 min
Response: 87096331
Conc: 52.36 ng/ml



#18 Endrin aldehyde

R.T.: 6.021 min
Delta R.T.: -0.007 min
Response: 92947463
Conc: 50.90 ng/ml



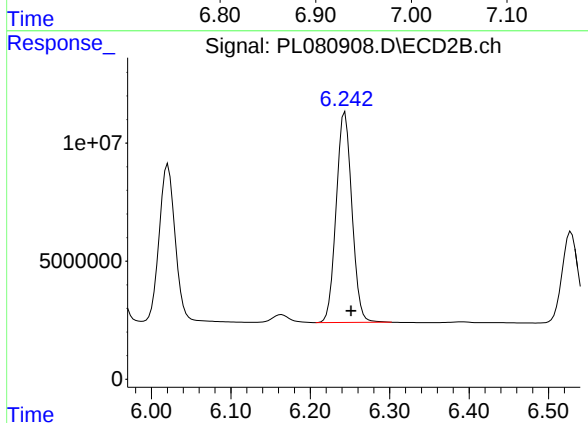
#19 Endosulfan Sulfate

R.T.: 6.942 min
Delta R.T.: -0.001 min
Response: 114238180
Conc: 55.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

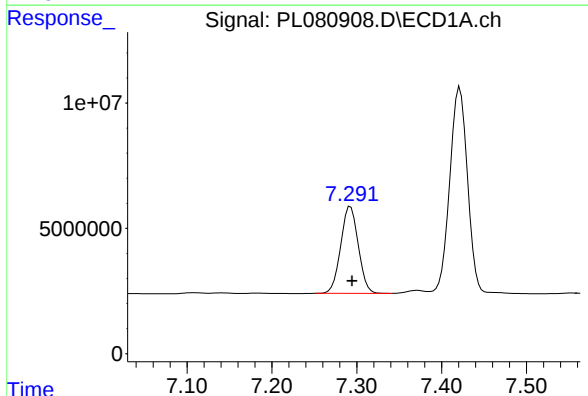
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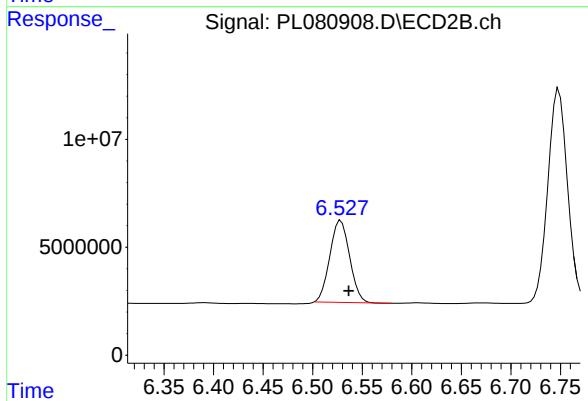
#19 Endosulfan Sulfate

R.T.: 6.244 min
Delta R.T.: -0.008 min
Response: 122662628
Conc: 52.74 ng/ml



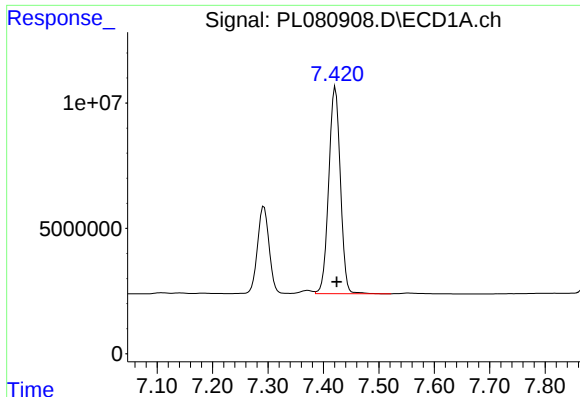
#20 Methoxychlor

R.T.: 7.293 min
Delta R.T.: -0.002 min
Response: 49826190
Conc: 45.16 ng/ml



#20 Methoxychlor

R.T.: 6.528 min
Delta R.T.: -0.008 min
Response: 52819567
Conc: 43.53 ng/ml



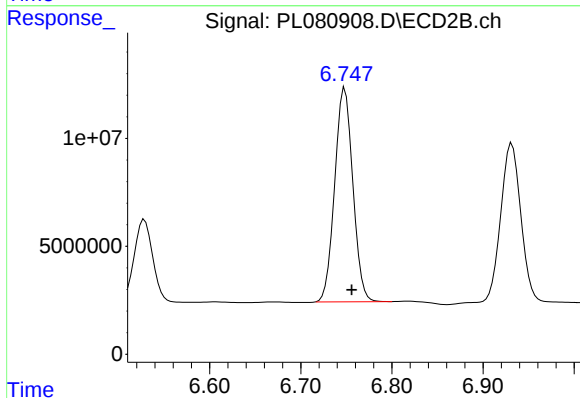
#21 Endrin ketone

R.T.: 7.422 min
Delta R.T.: -0.002 min
Response: 120450850
Conc: 54.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

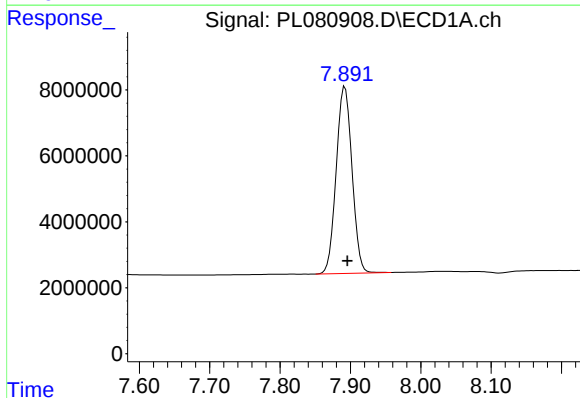
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/15/2023
Supervised By :Ankita Jodhani 02/15/2023



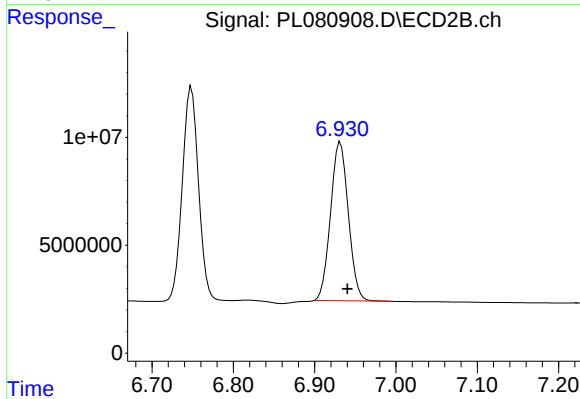
#21 Endrin ketone

R.T.: 6.748 min
Delta R.T.: -0.008 min
Response: 137264433
Conc: 53.76 ng/ml



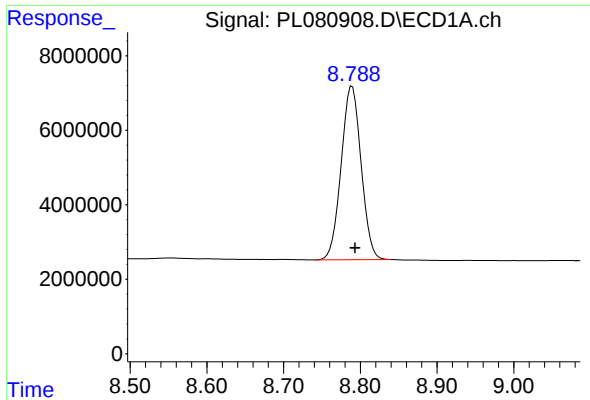
#22 Mirex

R.T.: 7.892 min
Delta R.T.: -0.003 min
Response: 88450083
Conc: 51.43 ng/ml



#22 Mirex

R.T.: 6.932 min
Delta R.T.: -0.008 min
Response: 111731469
Conc: 49.08 ng/ml



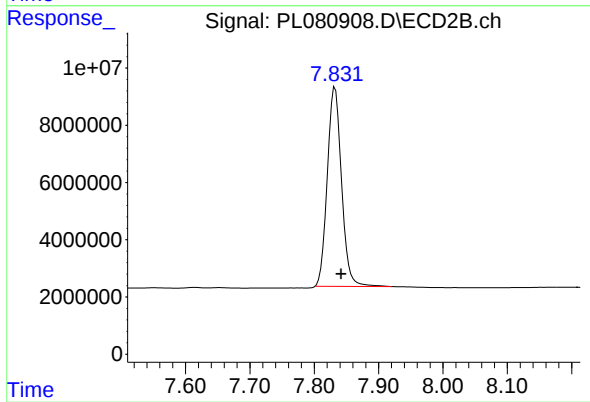
#28 Decachlorobiphenyl

R.T.: 8.789 min
Delta R.T.: -0.004 min
Response: 84543079
Conc: 48.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 02/15/2023



#28 Decachlorobiphenyl

R.T.: 7.832 min
Delta R.T.: -0.010 min
Response: 107041905
Conc: 44.93 ng/ml