

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021323\
 Data File : PL080898.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Feb 2023 18:20
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/14/2023
 Supervised By :Ankita Jodhani 02/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 13 20:19:38 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...	3.352	2.688	122.1E6	123.4E6	56.917	56.194
28)	SA Decachlor...	8.792	7.835	81127746	95978967	46.339	40.284
Target Compounds							
2)	A alpha-BHC	3.800	3.189	189.3E6	183.2E6	59.761	57.593
3)	MA gamma-BHC...	4.129	3.517	175.3E6	169.1E6	59.641	56.599
4)	MA Heptachlor	4.713	3.858	166.1E6	168.1E6	56.195	52.809
5)	MB Aldrin	5.051	4.137	153.9E6	160.0E6	56.239	54.234
6)	B beta-BHC	4.325	3.813	75555794	73455459	55.351	55.038
7)	B delta-BHC	4.568	4.043	171.8E6	163.7E6	59.355	56.769
8)	B Heptachlo...	5.476	4.639	137.1E6	148.3E6	53.001	53.304
9)	A Endosulfan I	5.858	5.008	124.4E6	135.0E6	52.696	51.896
10)	B gamma-Chl...	5.731	4.889	135.3E6	150.7E6	53.584	53.168m
11)	B alpha-Chl...	5.810	4.954	133.4E6	146.3E6	52.838	51.069
12)	B 4,4'-DDE	5.988	5.147	118.5E6	128.6E6	53.204	54.499
13)	MA Dieldrin	6.132	5.274	128.5E6	140.0E6	53.710	51.748
14)	MA Endrin	6.359	5.548	118.1E6	118.1E6	54.617	50.896
15)	B Endosulfa...	6.578	5.842	108.4E6	111.0E6	47.267	53.259
16)	A 4,4'-DDD	6.502	5.700	107.2E6	108.7E6	58.510	57.823
17)	MA 4,4'-DDT	6.815	5.952	96951028	98286550	46.663	46.770
18)	B Endrin al...	6.708	6.022	84619825	86130154	50.871	47.166
19)	B Endosulfa...	6.942	6.245	108.5E6	113.4E6	52.398	48.743
20)	A Methoxychlor	7.293	6.530	48307617	52869764	43.785	43.569
21)	B Endrin ke...	7.422	6.750	110.1E6	121.4E6	49.919	47.564
22)	Mirex	7.893	6.933	80807275	97298178	46.987	42.736

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

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 Data File : PL080898.D
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 Acq On : 13 Feb 2023 18:20
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

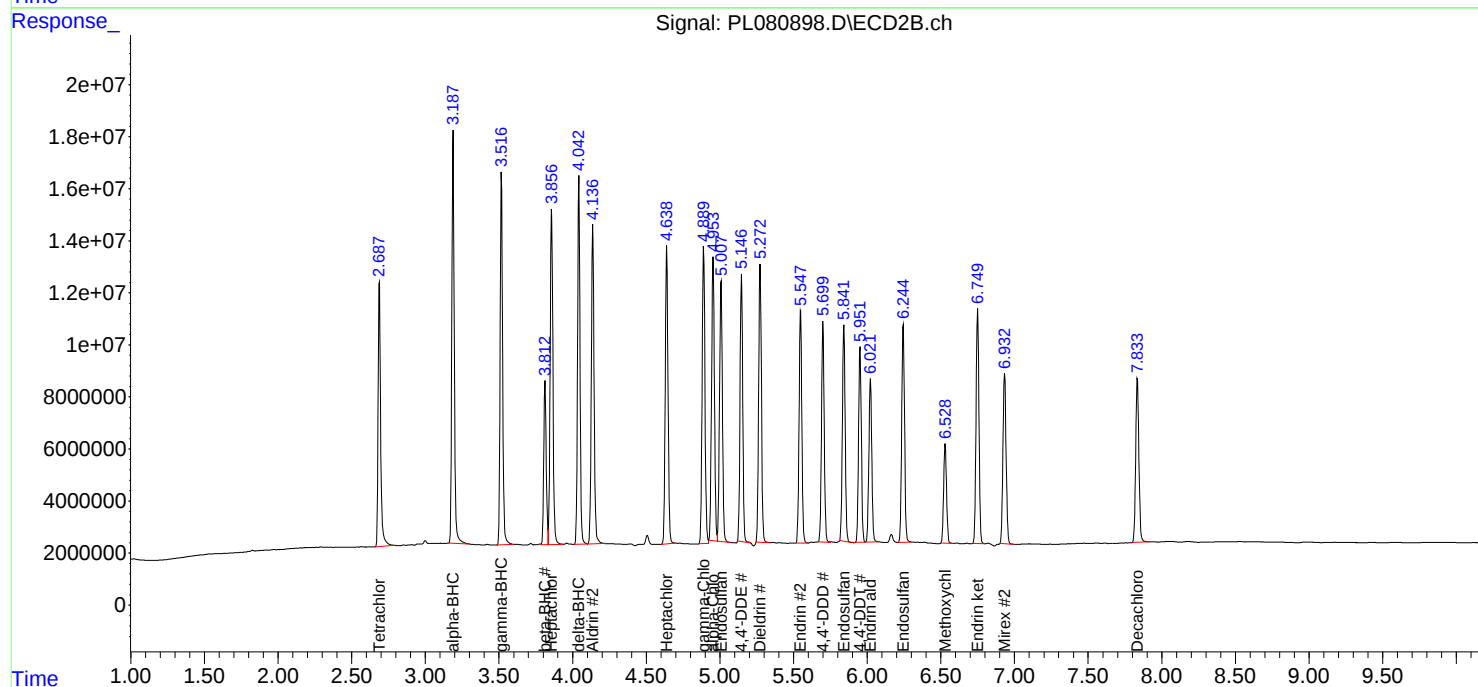
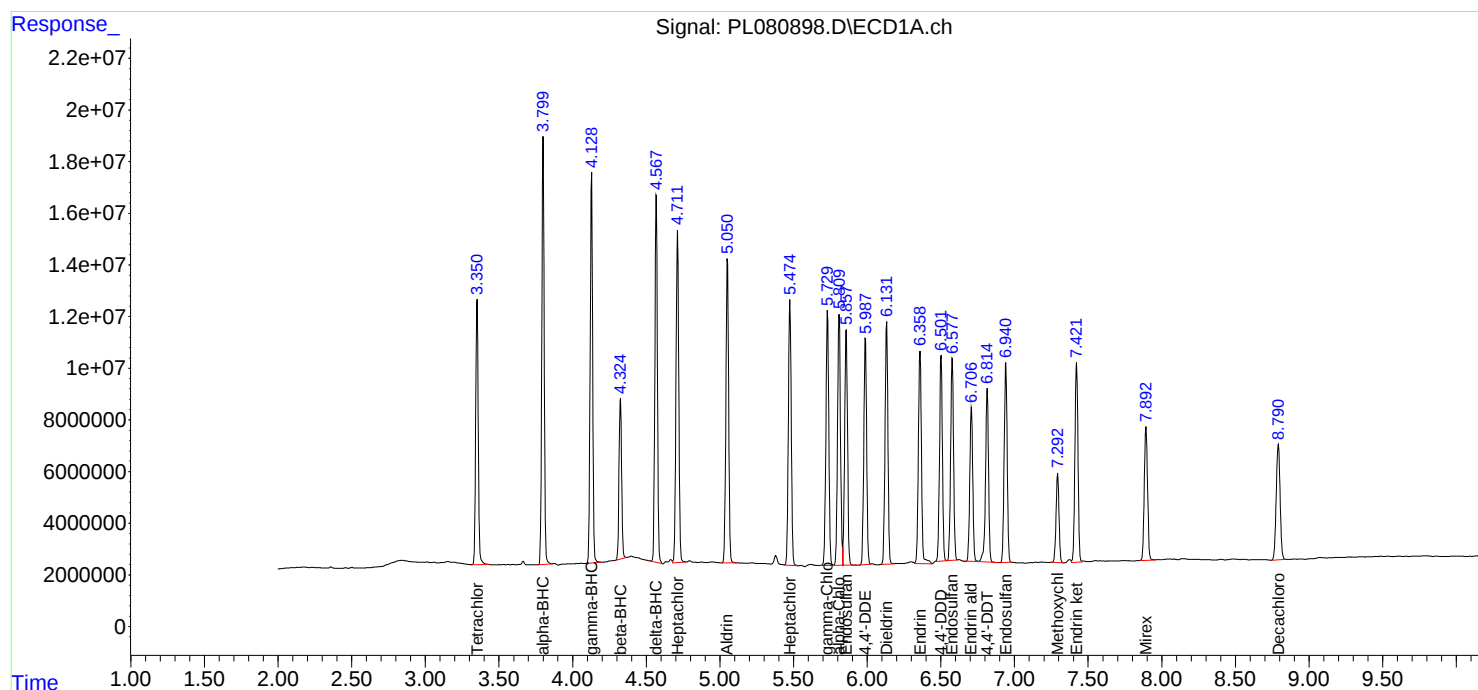
APPROVED

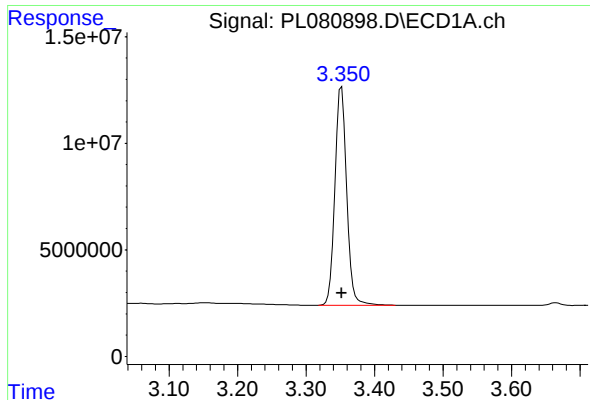
Reviewed By :Abdul Mirza 02/14/2023

Supervised By :Ankita Jodhani 02/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 13 20:19:38 2023
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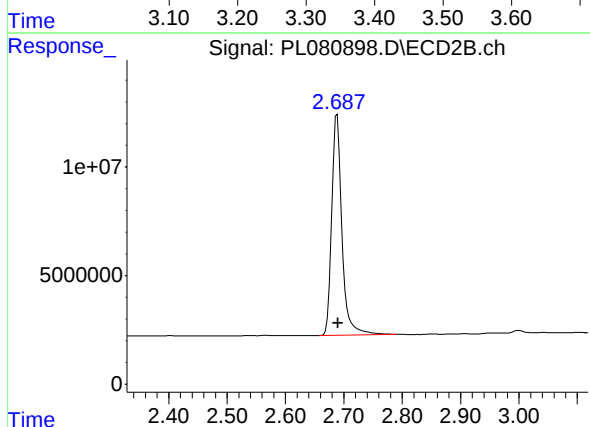
#1 Tetrachloro-m-xylene

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 122077210
Conc: 56.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

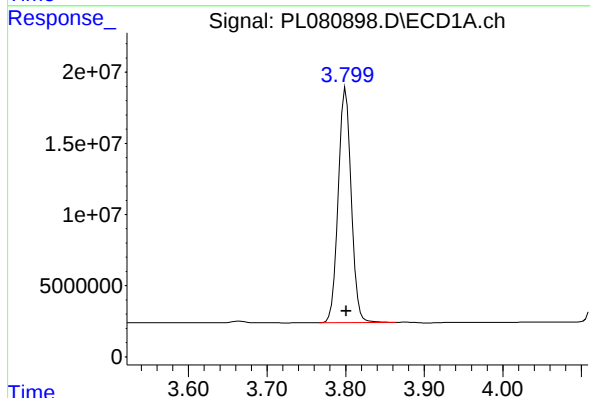
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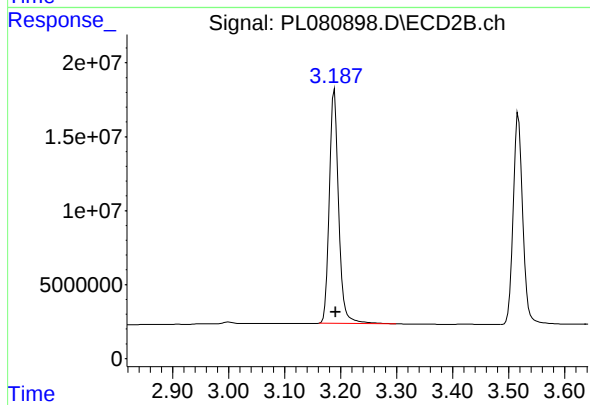
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: -0.001 min
Response: 123426556
Conc: 56.19 ng/ml



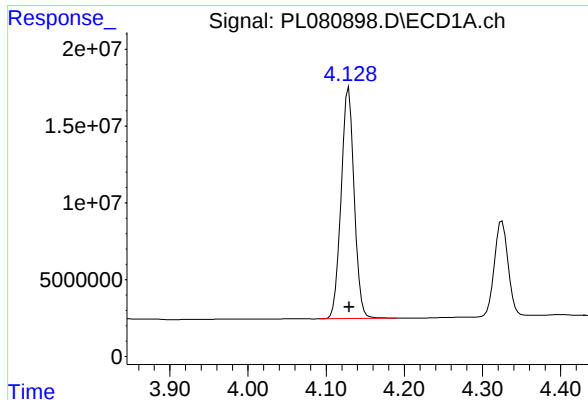
#2 alpha-BHC

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 189323479
Conc: 59.76 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.003 min
Response: 183168289
Conc: 57.59 ng/ml



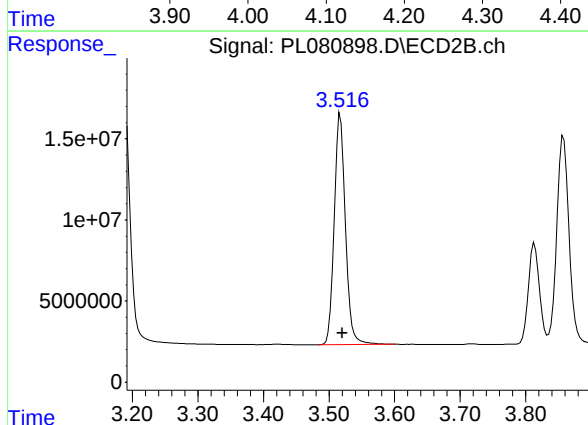
#3 gamma-BHC (Lindane)

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 175330047
Conc: 59.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

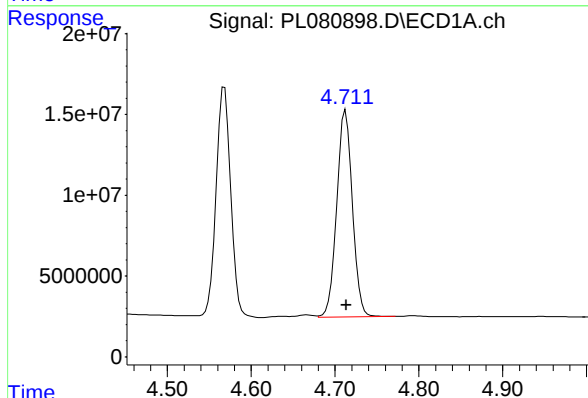
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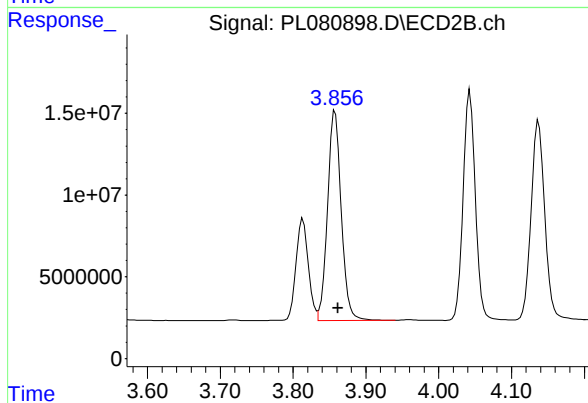
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.003 min
Response: 169077604
Conc: 56.60 ng/ml



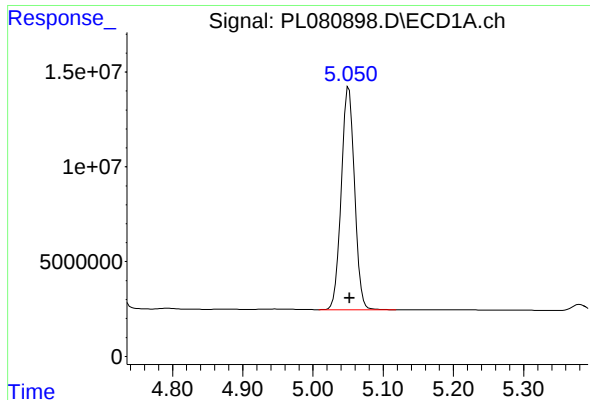
#4 Heptachlor

R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 166069699
Conc: 56.20 ng/ml



#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.004 min
Response: 168057297
Conc: 52.81 ng/ml



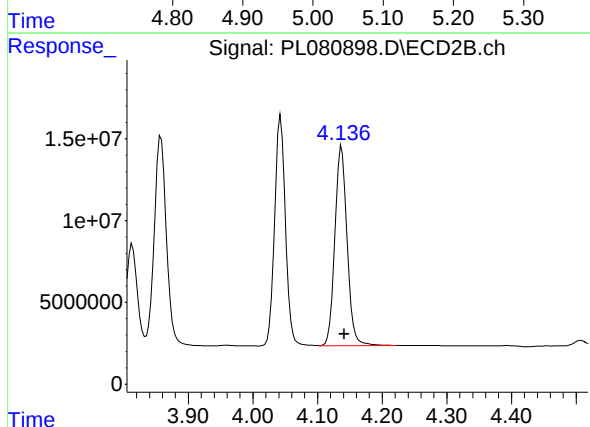
#5 Aldrin

R.T.: 5.051 min
Delta R.T.: -0.001 min
Response: 153858946
Conc: 56.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

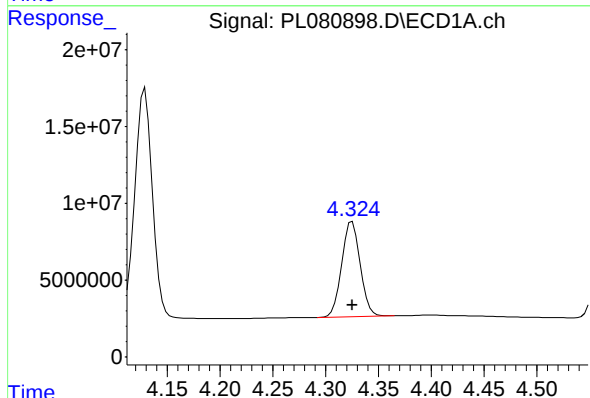
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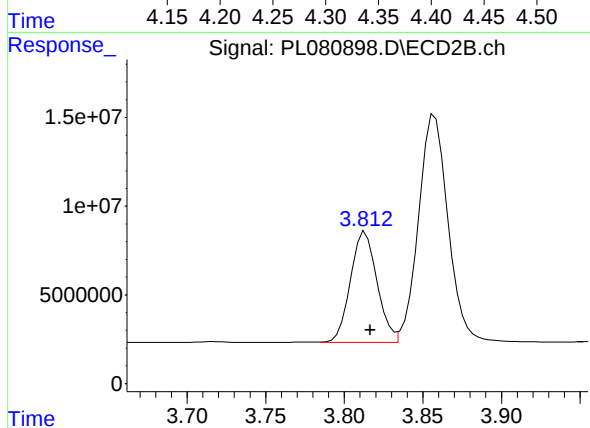
#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.004 min
Response: 159965779
Conc: 54.23 ng/ml



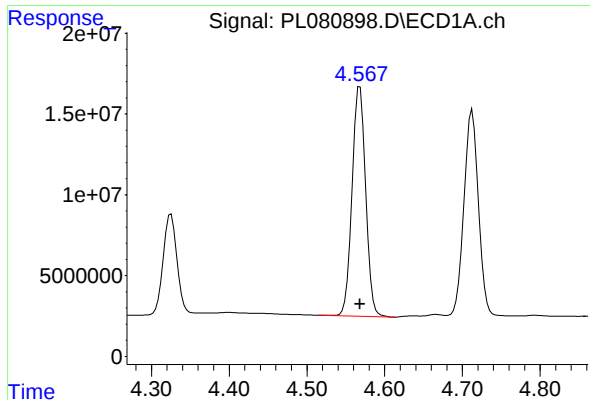
#6 beta-BHC

R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 75555794
Conc: 55.35 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.003 min
Response: 73455459
Conc: 55.04 ng/ml



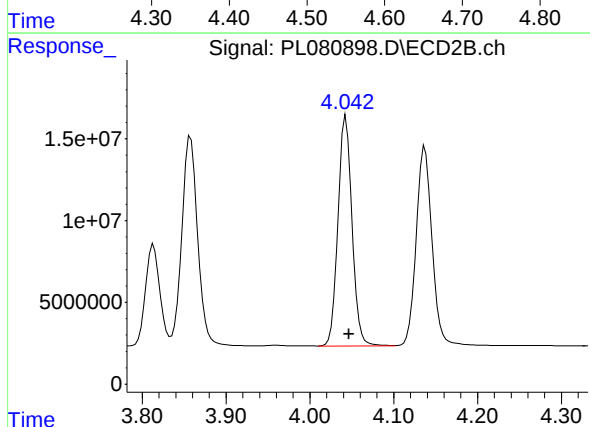
#7 delta-BHC

R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 171831613
Conc: 59.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

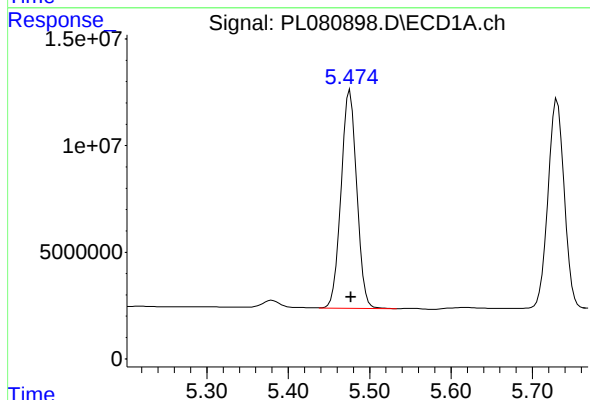
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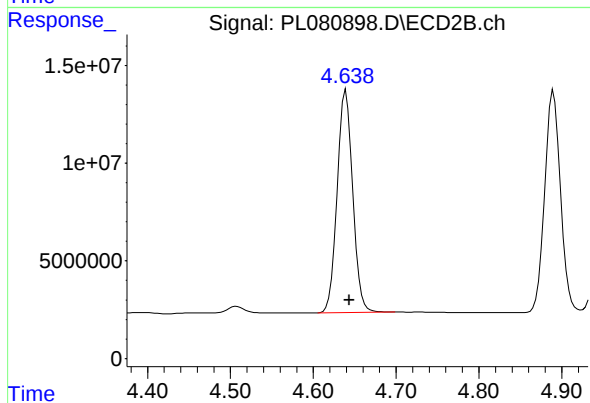
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 163746090
Conc: 56.77 ng/ml



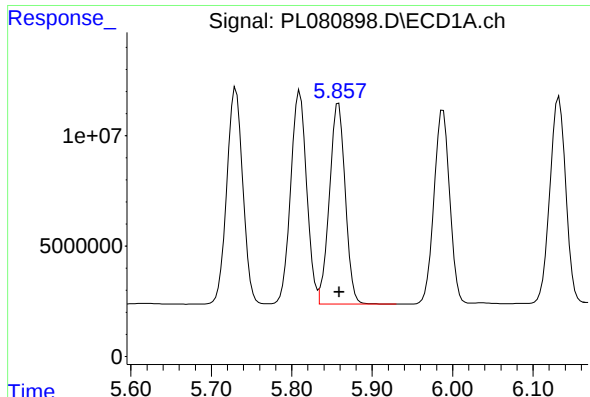
#8 Heptachlor epoxide

R.T.: 5.476 min
Delta R.T.: -0.001 min
Response: 137116190
Conc: 53.00 ng/ml



#8 Heptachlor epoxide

R.T.: 4.639 min
Delta R.T.: -0.005 min
Response: 148311190
Conc: 53.30 ng/ml



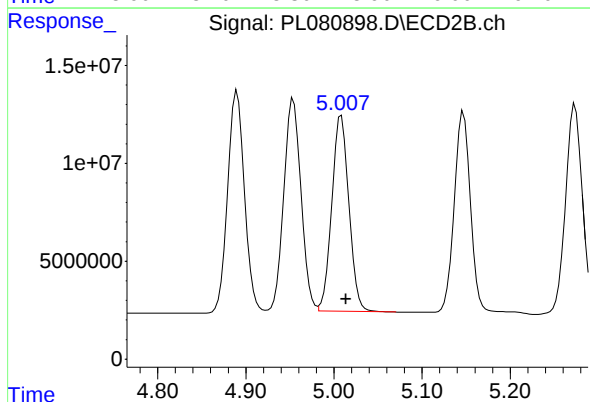
#9 Endosulfan I

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 124440157
Conc: 52.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

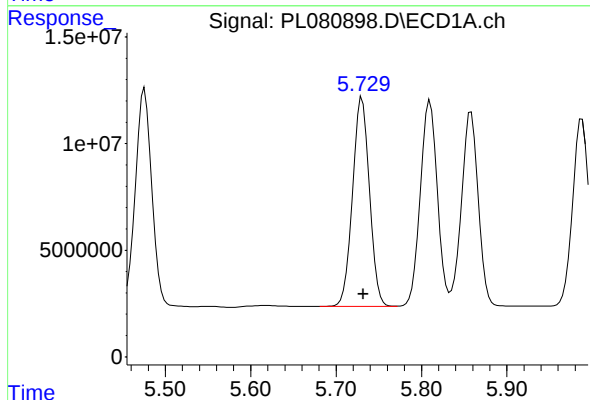
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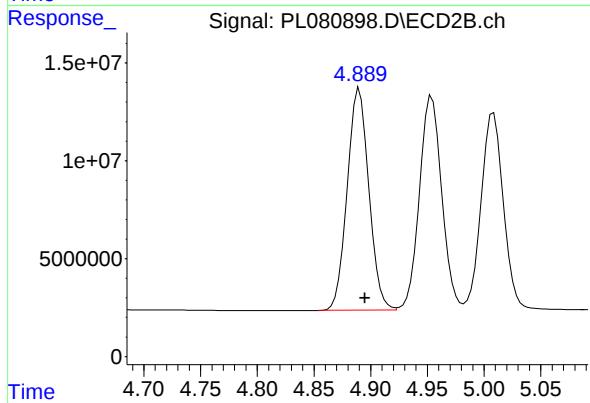
#9 Endosulfan I

R.T.: 5.008 min
Delta R.T.: -0.005 min
Response: 134998621
Conc: 51.90 ng/ml



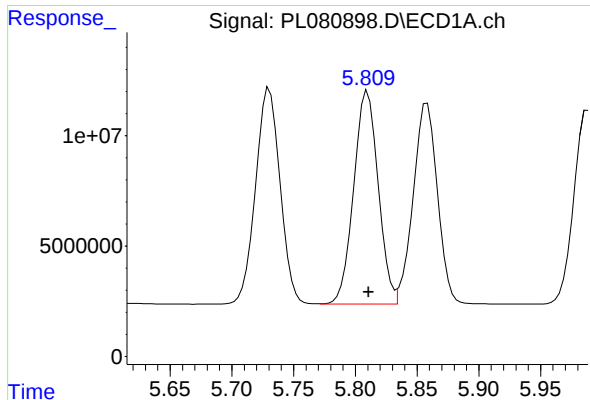
#10 gamma-Chlordane

R.T.: 5.731 min
Delta R.T.: -0.001 min
Response: 135338859
Conc: 53.58 ng/ml



#10 gamma-Chlordane

R.T.: 4.889 min
Delta R.T.: -0.006 min
Response: 150691437
Conc: 53.17 ng/ml m



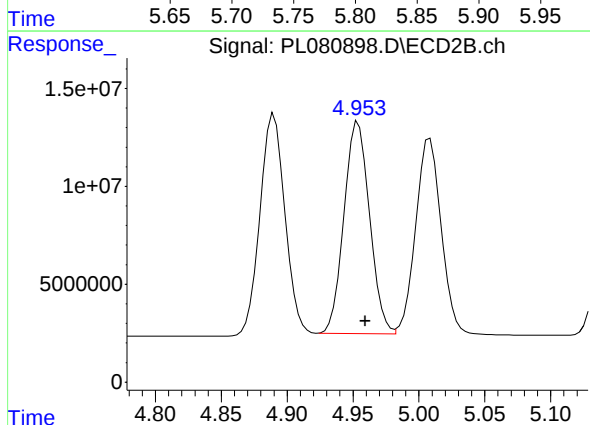
#11 alpha-Chlordane

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 133376767
Conc: 52.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

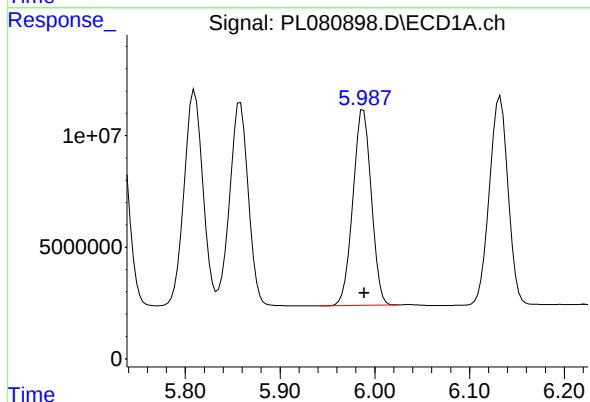
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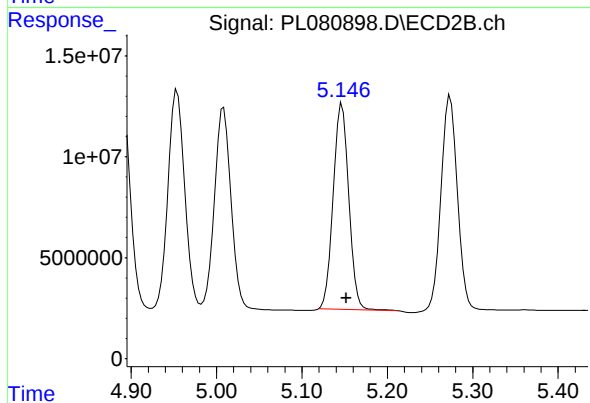
#11 alpha-Chlordane

R.T.: 4.954 min
Delta R.T.: -0.005 min
Response: 146295308
Conc: 51.07 ng/ml



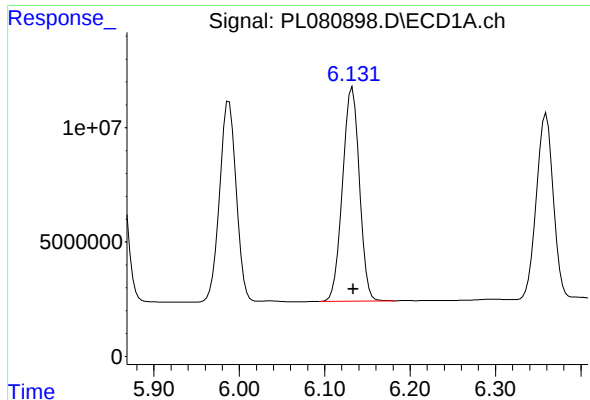
#12 4,4'-DDE

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 118503347
Conc: 53.20 ng/ml



#12 4,4'-DDE

R.T.: 5.147 min
Delta R.T.: -0.005 min
Response: 128553946
Conc: 54.50 ng/ml



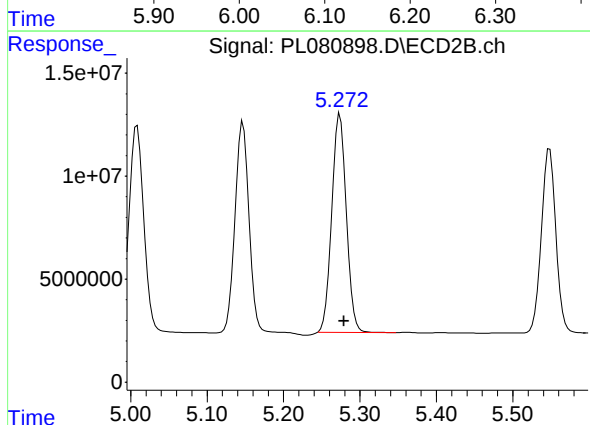
#13 Dieldrin

R.T.: 6.132 min
Delta R.T.: -0.001 min
Response: 128546979
Conc: 53.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

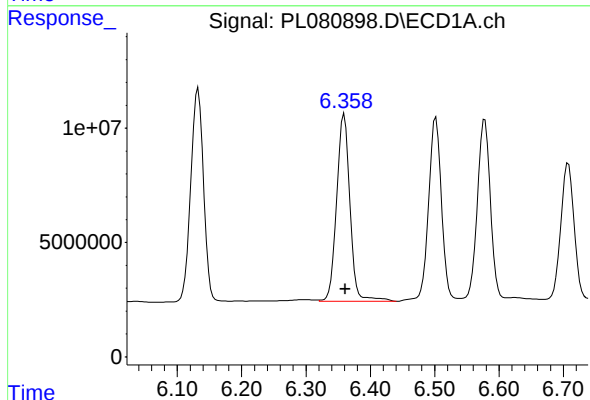
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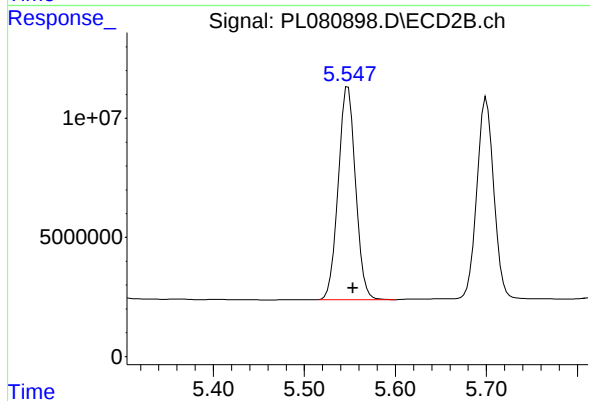
#13 Dieldrin

R.T.: 5.274 min
Delta R.T.: -0.005 min
Response: 139976684
Conc: 51.75 ng/ml



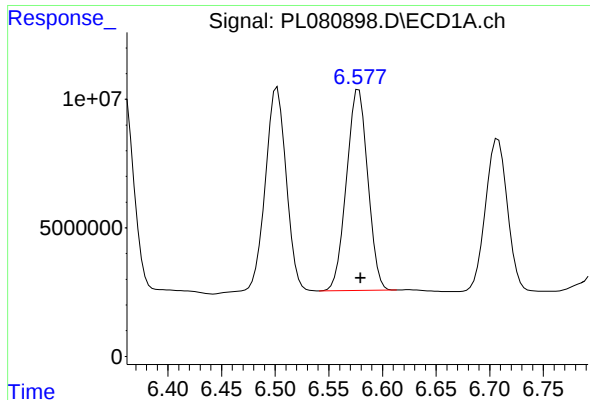
#14 Endrin

R.T.: 6.359 min
Delta R.T.: -0.002 min
Response: 118119940
Conc: 54.62 ng/ml



#14 Endrin

R.T.: 5.548 min
Delta R.T.: -0.006 min
Response: 118137885
Conc: 50.90 ng/ml



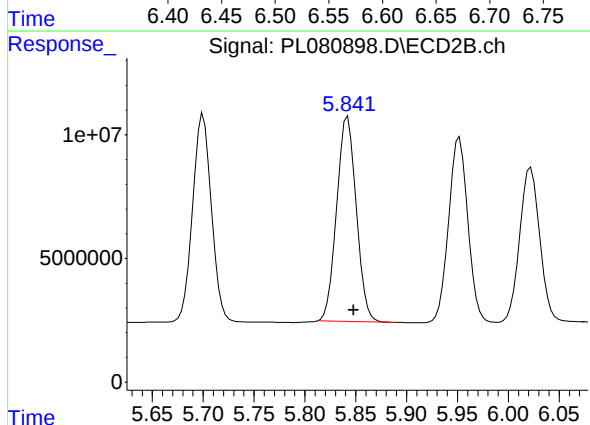
#15 Endosulfan II

R.T.: 6.578 min
Delta R.T.: -0.002 min
Response: 108351378
Conc: 47.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

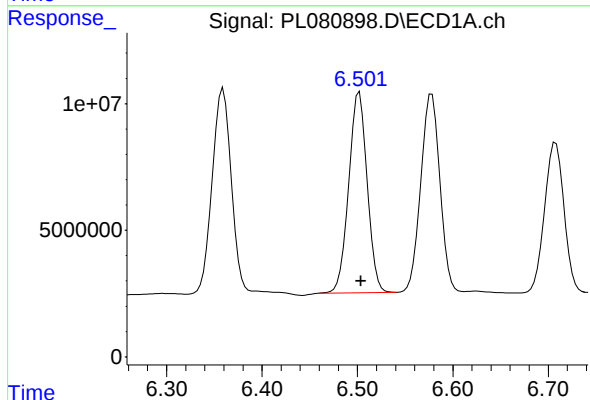
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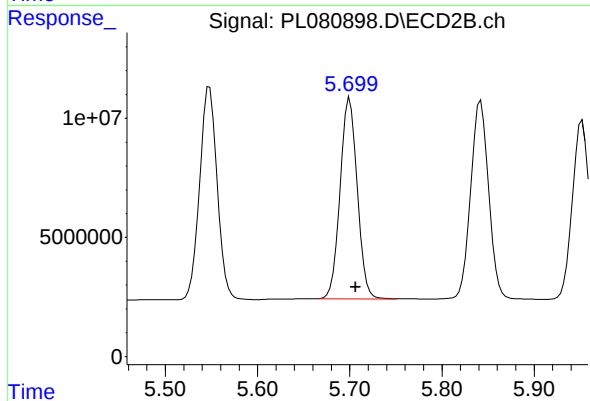
#15 Endosulfan II

R.T.: 5.842 min
Delta R.T.: -0.006 min
Response: 110976410
Conc: 53.26 ng/ml



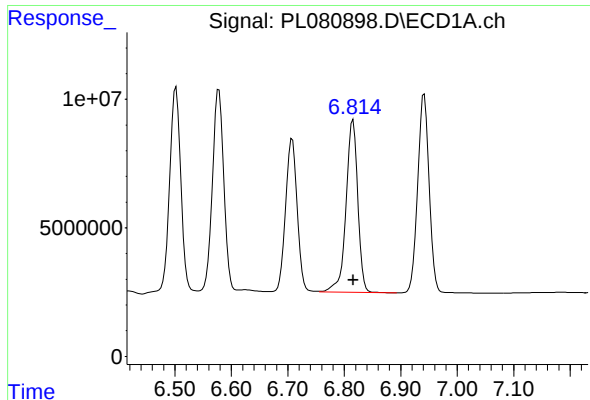
#16 4,4'-DDD

R.T.: 6.502 min
Delta R.T.: -0.002 min
Response: 107189802
Conc: 58.51 ng/ml



#16 4,4'-DDD

R.T.: 5.700 min
Delta R.T.: -0.006 min
Response: 108661691
Conc: 57.82 ng/ml



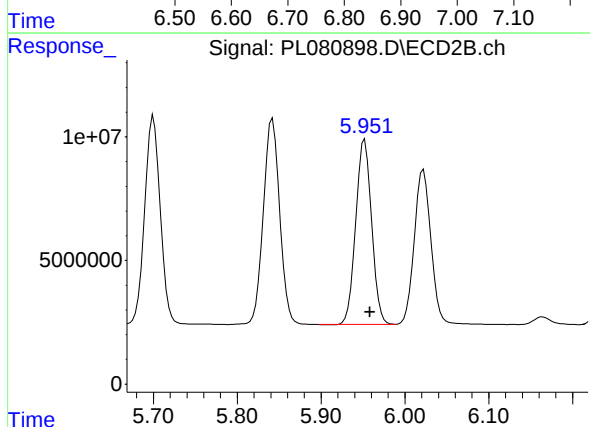
#17 4,4'-DDT

R.T.: 6.815 min
Delta R.T.: 0.000 min
Response: 96951028
Conc: 46.66 ng/ml

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ECD_L
ClientSampleId :
PSTDCCC050

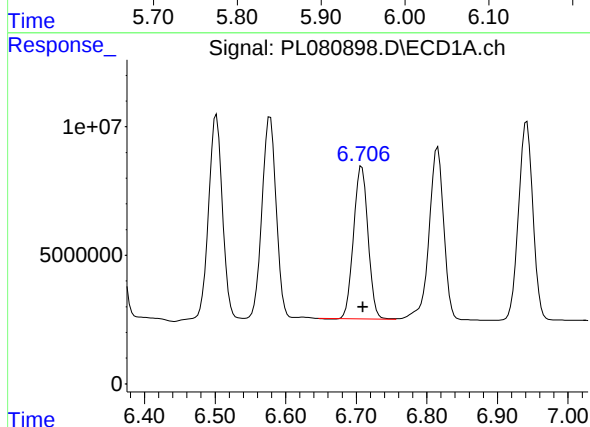
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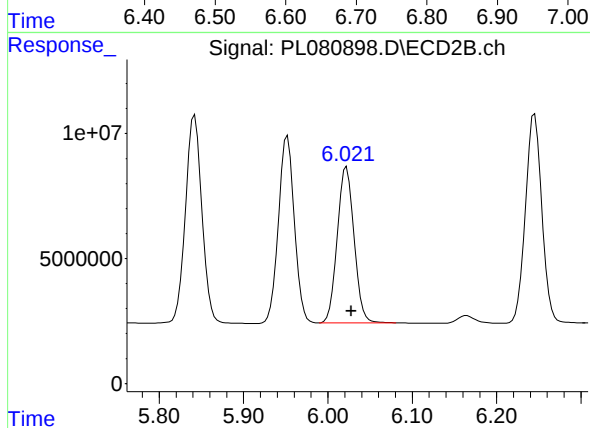
#17 4,4'-DDT

R.T.: 5.952 min
Delta R.T.: -0.006 min
Response: 98286550
Conc: 46.77 ng/ml



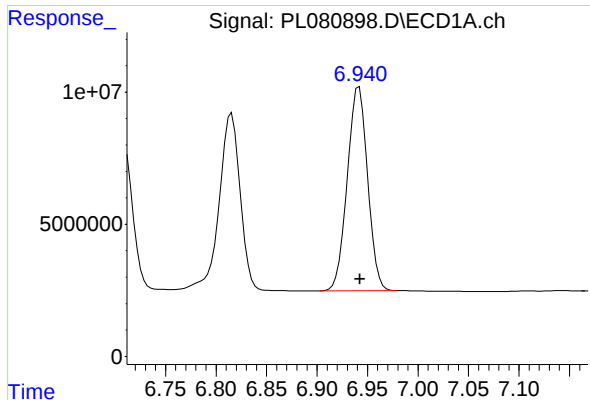
#18 Endrin aldehyde

R.T.: 6.708 min
Delta R.T.: -0.002 min
Response: 84619825
Conc: 50.87 ng/ml



#18 Endrin aldehyde

R.T.: 6.022 min
Delta R.T.: -0.006 min
Response: 86130154
Conc: 47.17 ng/ml



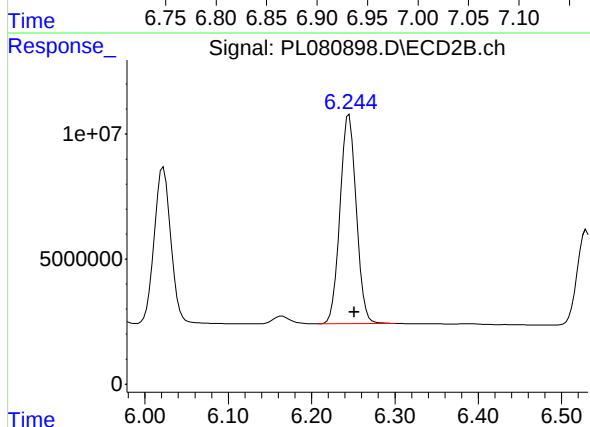
#19 Endosulfan Sulfate

R.T.: 6.942 min
Delta R.T.: -0.001 min
Response: 108460049
Conc: 52.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

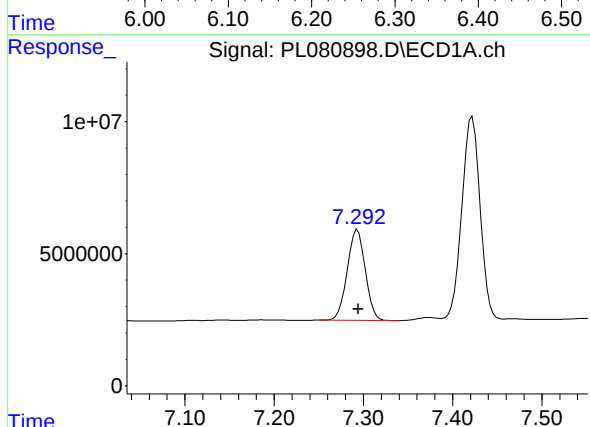
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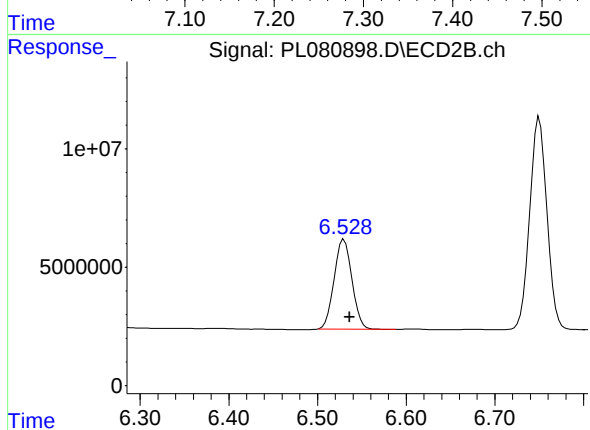
#19 Endosulfan Sulfate

R.T.: 6.245 min
Delta R.T.: -0.006 min
Response: 113360896
Conc: 48.74 ng/ml



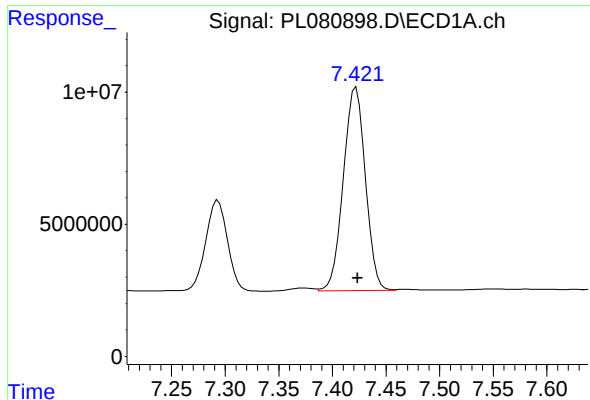
#20 Methoxychlor

R.T.: 7.293 min
Delta R.T.: -0.001 min
Response: 48307617
Conc: 43.79 ng/ml



#20 Methoxychlor

R.T.: 6.530 min
Delta R.T.: -0.006 min
Response: 52869764
Conc: 43.57 ng/ml



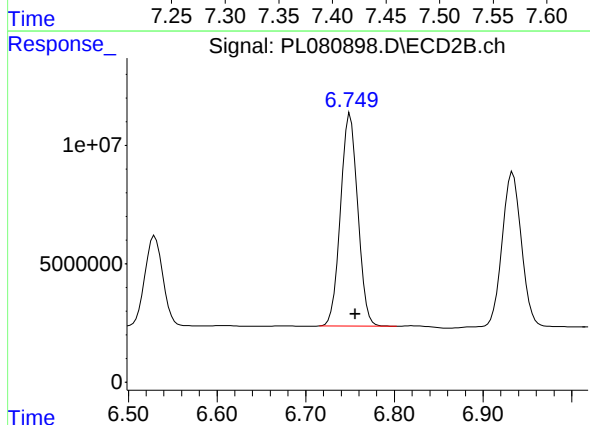
#21 Endrin ketone

R.T.: 7.422 min
Delta R.T.: -0.002 min
Response: 110138757
Conc: 49.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

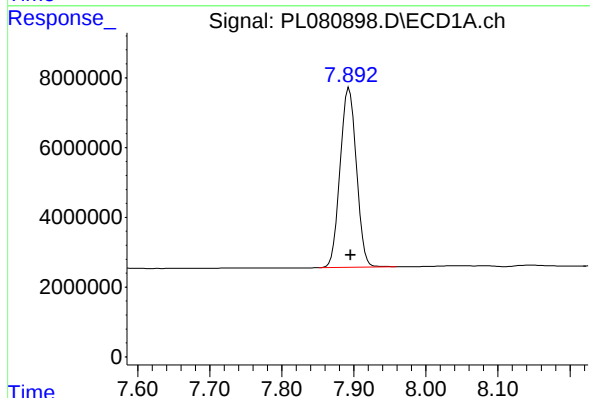
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/14/2023
Supervised By :Ankita Jodhani 02/14/2023



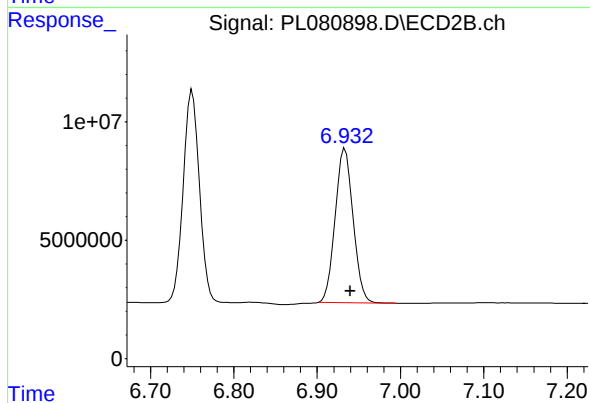
#21 Endrin ketone

R.T.: 6.750 min
Delta R.T.: -0.006 min
Response: 121441189
Conc: 47.56 ng/ml



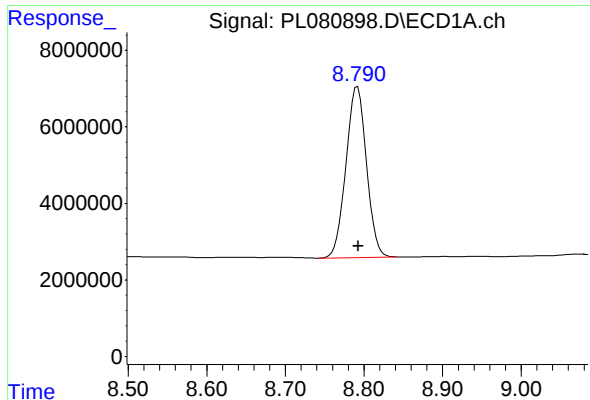
#22 Mirex

R.T.: 7.893 min
Delta R.T.: -0.002 min
Response: 80807275
Conc: 46.99 ng/ml



#22 Mirex

R.T.: 6.933 min
Delta R.T.: -0.007 min
Response: 97298178
Conc: 42.74 ng/ml



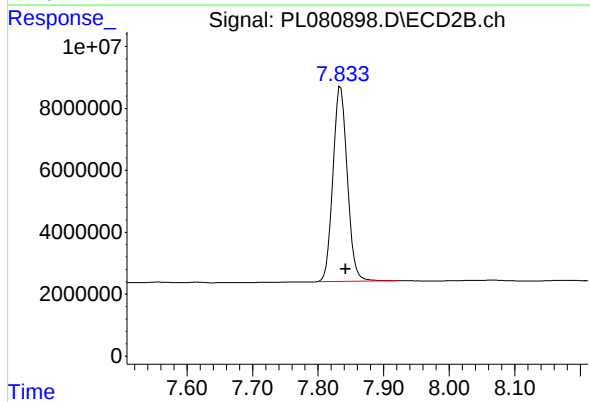
#28 Decachlorobiphenyl

R.T.: 8.792 min
Delta R.T.: -0.001 min
Response: 81127746
Conc: 46.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 02/14/2023



#28 Decachlorobiphenyl

R.T.: 7.835 min
Delta R.T.: -0.007 min
Response: 95978967
Conc: 40.28 ng/ml