

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013023\
 Data File : PL080605.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jan 2023 14:50
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/31/2023
 Supervised By :Ankita Jodhani 01/31/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 30 20:50:49 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	101.4E6	107.9E6	47.291	49.132
28)	SA Decachlor...	8.785	7.835	78921772	103.6E6	45.079	43.489
Target Compounds							
2)	A alpha-BHC	3.800	3.189	152.9E6	157.5E6	48.249	49.525
3)	MA gamma-BHC...	4.128	3.518	141.9E6	146.6E6	48.283	49.069
4)	MA Heptachlor	4.711	3.858	137.3E6	149.0E6	46.458	46.810
5)	MB Aldrin	5.050	4.138	126.2E6	140.1E6	46.131	47.500
6)	B beta-BHC	4.324	3.813	63111175	64245699	46.235	48.138
7)	B delta-BHC	4.567	4.043	138.6E6	141.5E6	47.884	49.063
8)	B Heptachlo...	5.474	4.640	118.0E6	129.4E6	45.604	46.521
9)	A Endosulfan I	5.856	5.009	107.8E6	118.7E6	45.651	45.632
10)	B gamma-Chl...	5.729	4.889	116.5E6	131.9E6	46.130	46.538m
11)	B alpha-Chl...	5.808	4.955	115.3E6	128.5E6	45.693	44.852
12)	B 4,4'-DDE	5.986	5.146	102.4E6	112.0E6	45.995	47.464m
13)	MA Dieldrin	6.130	5.273	109.6E6	124.8E6	45.798	46.144m
14)	MA Endrin	6.357	5.548	96860746	107.4E6	44.787	46.268
15)	B Endosulfa...	6.576	5.843	92999327	98932523	40.570	47.479
16)	A 4,4'-DDD	6.500	5.701	83572742	90766436	45.619	48.301
17)	MA 4,4'-DDT	6.812	5.953	89490259	97210985	43.072	46.258
18)	B Endrin al...	6.705	6.023	72509741	81988249	43.591	44.898
19)	B Endosulfa...	6.939	6.245	93439414	107.0E6	45.142	45.990
20)	A Methoxychlor	7.290	6.529	47639063	55379793	43.179	45.638m
21)	B Endrin ke...	7.419	6.750	100.8E6	118.5E6	45.672	46.430
22)	Mirex	7.891	6.934	76006621	100.8E6	44.195	44.256

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013023\
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 Acq On : 30 Jan 2023 14:50
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

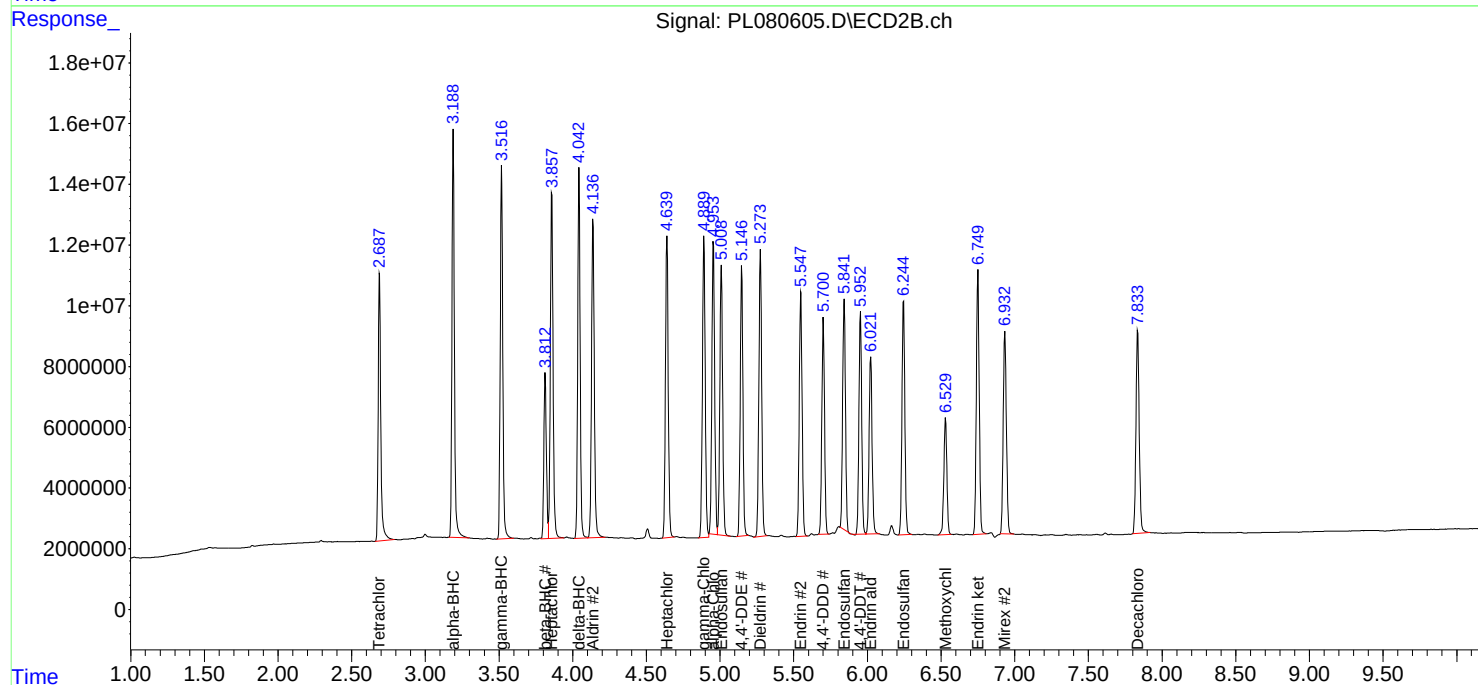
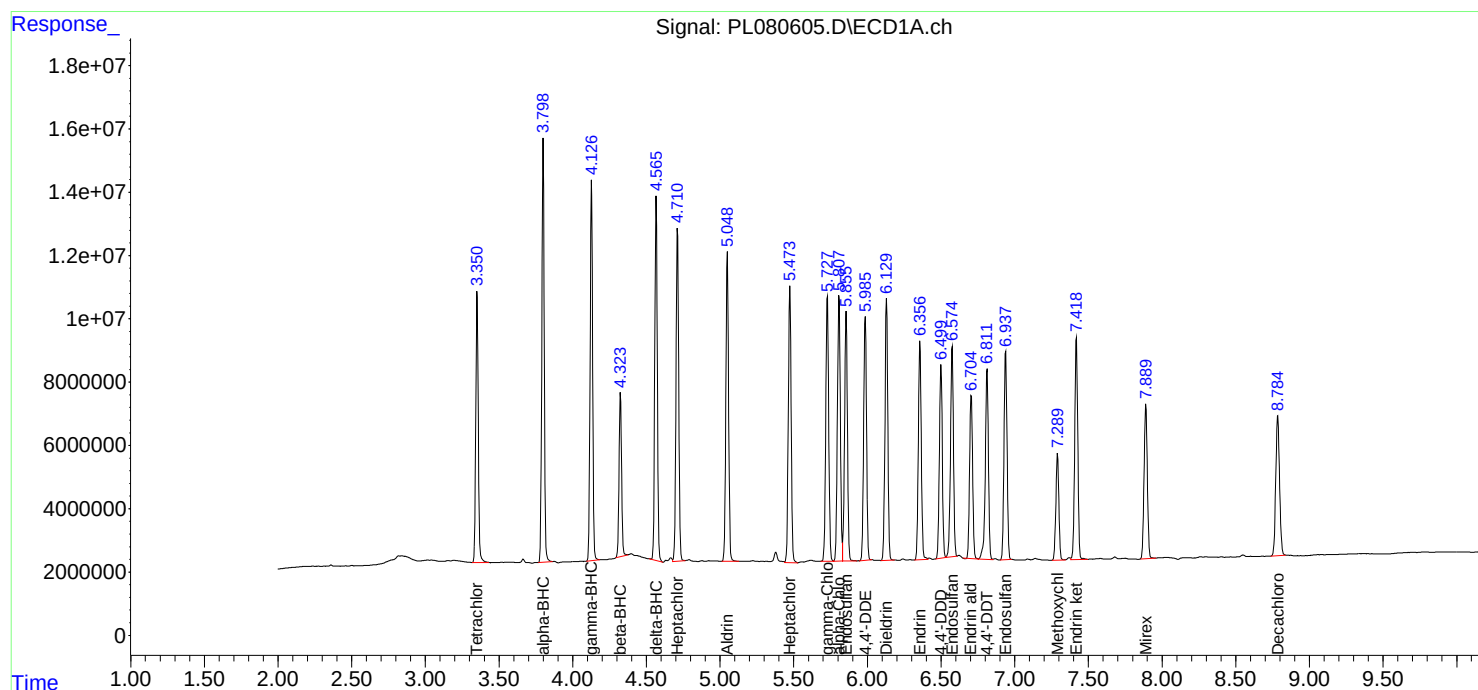
APPROVED

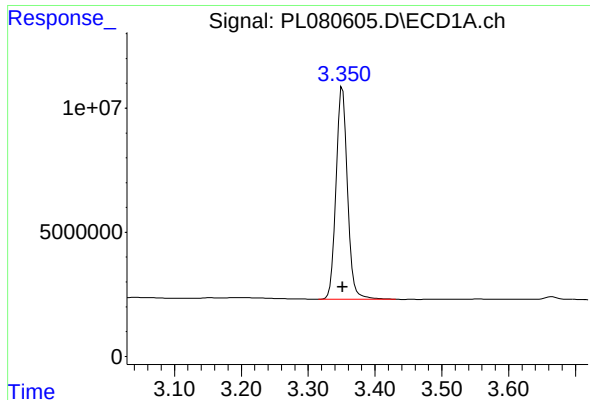
Reviewed By :Abdul Mirza 01/31/2023

Supervised By :Ankita Jodhani 01/31/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 30 20:50:49 2023
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





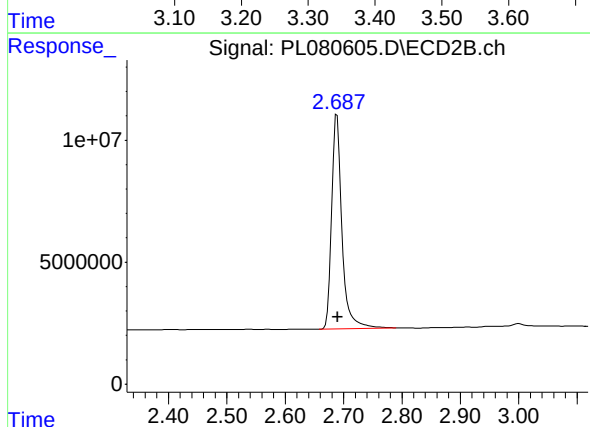
#1 Tetrachloro-m-xylene

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 101430978
Conc: 47.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

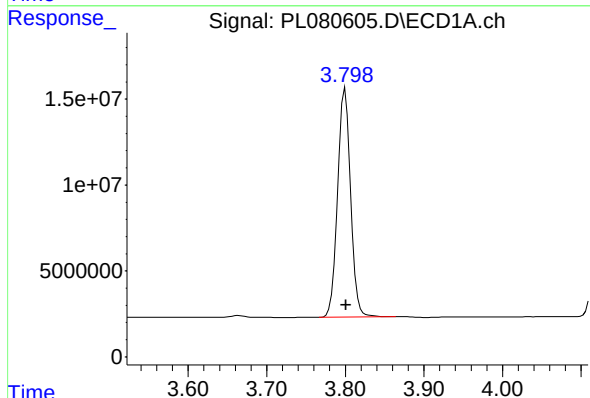
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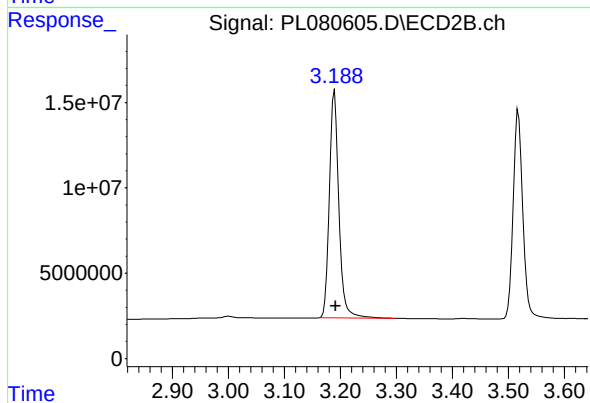
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: -0.001 min
Response: 107915420
Conc: 49.13 ng/ml



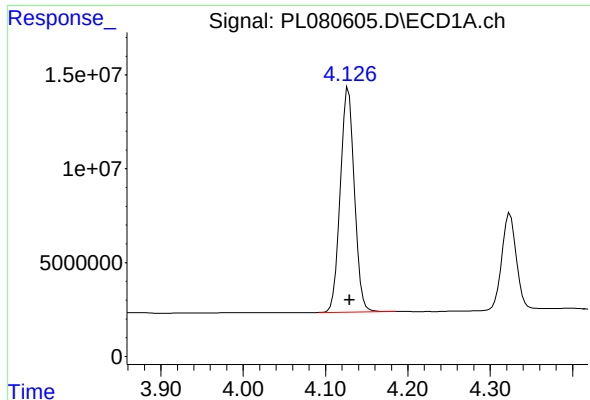
#2 alpha-BHC

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 152854537
Conc: 48.25 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.002 min
Response: 157509808
Conc: 49.52 ng/ml



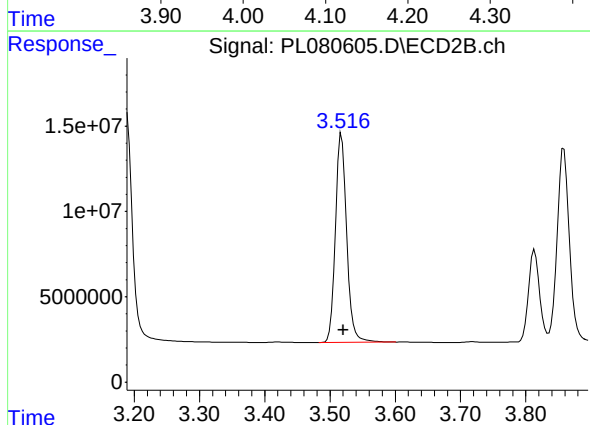
#3 gamma-BHC (Lindane)

R.T.: 4.128 min
Delta R.T.: -0.002 min
Response: 141939530
Conc: 48.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

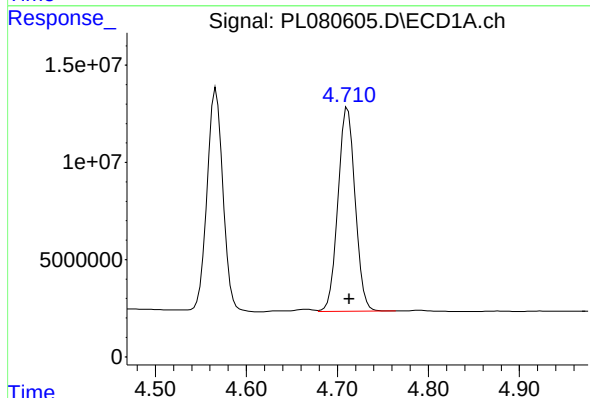
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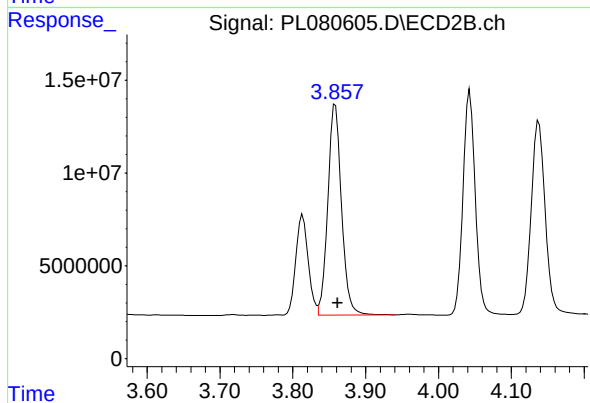
#3 gamma-BHC (Lindane)

R.T.: 3.518 min
Delta R.T.: -0.003 min
Response: 146582669
Conc: 49.07 ng/ml



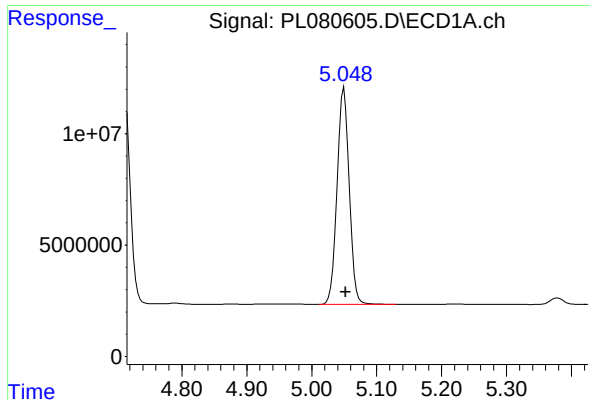
#4 Heptachlor

R.T.: 4.711 min
Delta R.T.: -0.002 min
Response: 137293023
Conc: 46.46 ng/ml



#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.003 min
Response: 148965260
Conc: 46.81 ng/ml



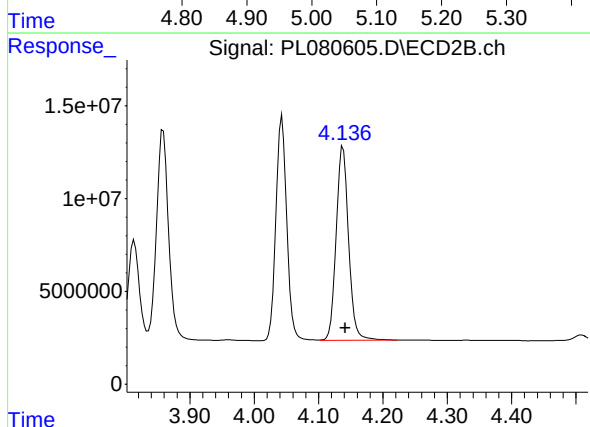
#5 Aldrin

R.T.: 5.050 min
Delta R.T.: -0.003 min
Response: 126204876
Conc: 46.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

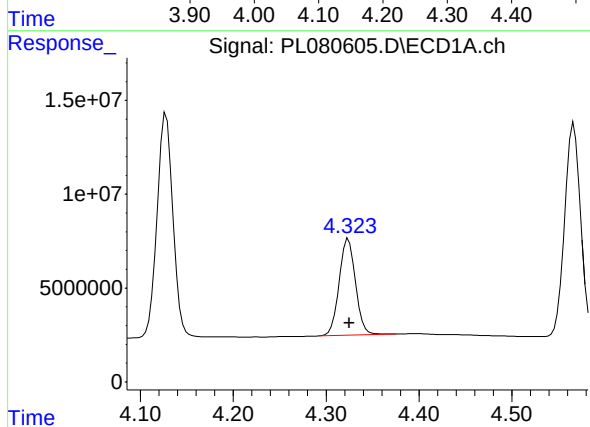
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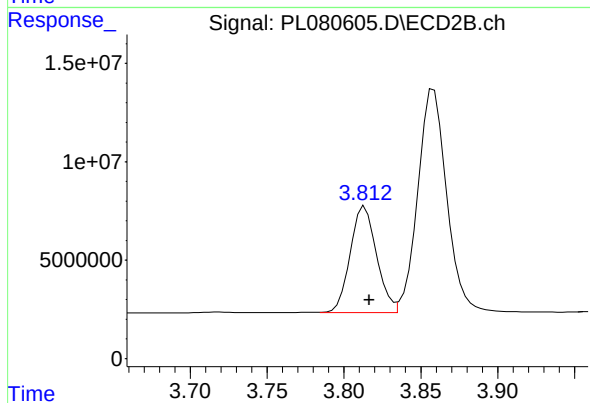
#5 Aldrin

R.T.: 4.138 min
Delta R.T.: -0.003 min
Response: 140105547
Conc: 47.50 ng/ml



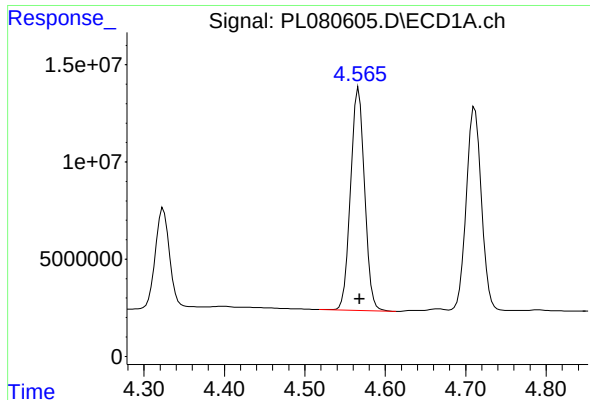
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: -0.001 min
Response: 63111175
Conc: 46.23 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.003 min
Response: 64245699
Conc: 48.14 ng/ml



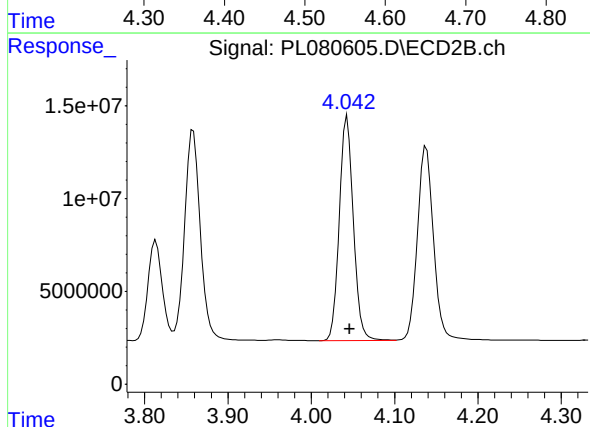
#7 delta-BHC

R.T.: 4.567 min
Delta R.T.: -0.001 min
Response: 138623379
Conc: 47.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

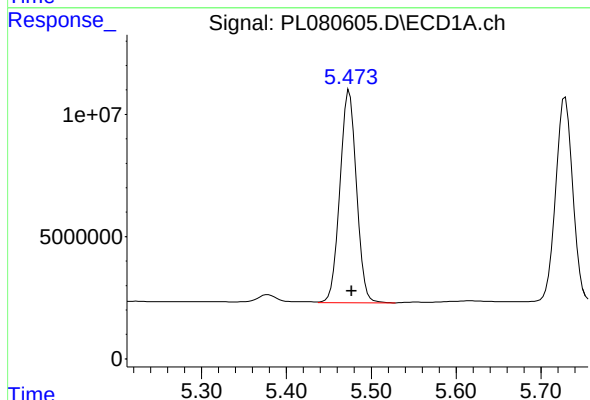
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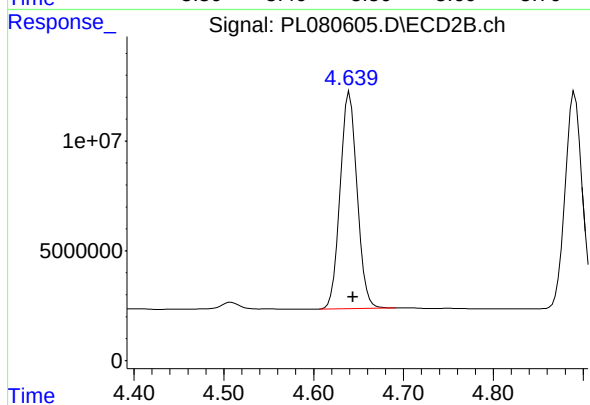
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 141518414
Conc: 49.06 ng/ml



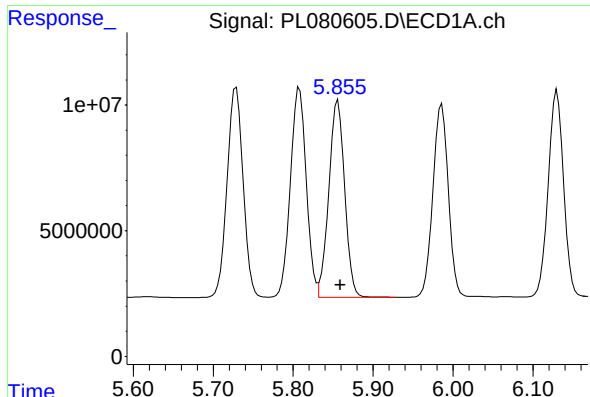
#8 Heptachlor epoxide

R.T.: 5.474 min
Delta R.T.: -0.003 min
Response: 117979728
Conc: 45.60 ng/ml



#8 Heptachlor epoxide

R.T.: 4.640 min
Delta R.T.: -0.004 min
Response: 129436782
Conc: 46.52 ng/ml



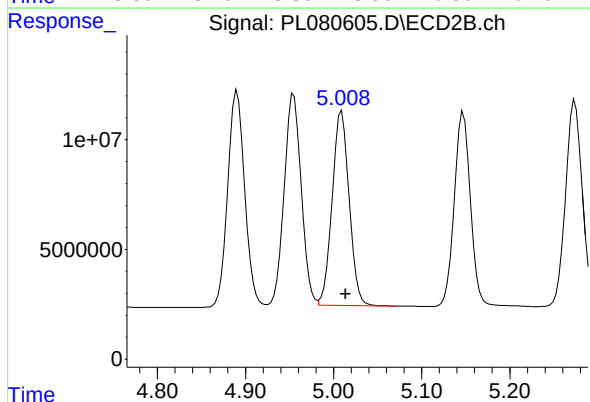
#9 Endosulfan I

R.T.: 5.856 min
Delta R.T.: -0.003 min
Response: 107802970
Conc: 45.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

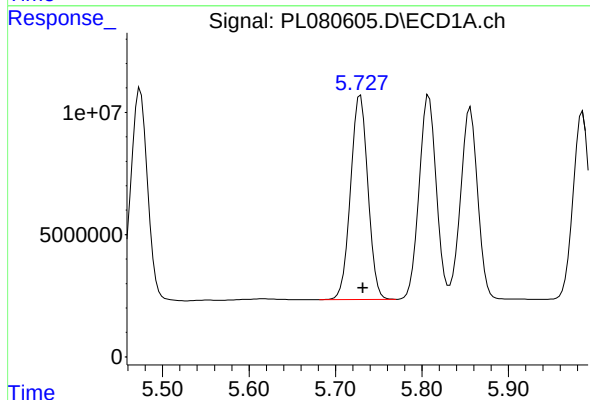
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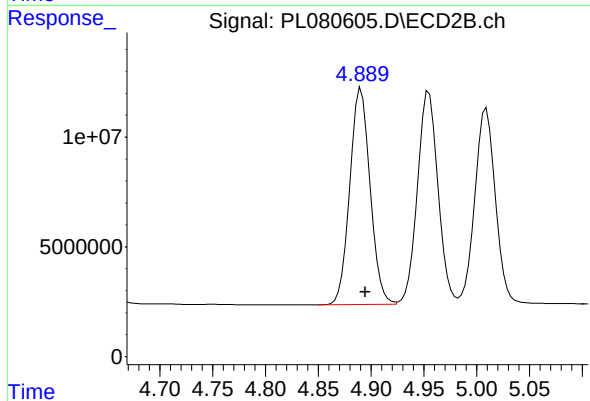
#9 Endosulfan I

R.T.: 5.009 min
Delta R.T.: -0.004 min
Response: 118703192
Conc: 45.63 ng/ml



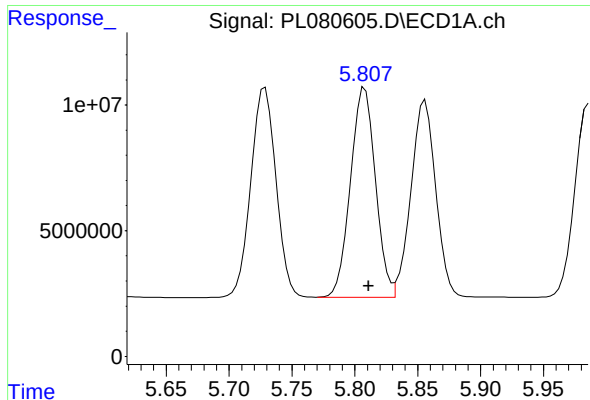
#10 gamma-Chlordane

R.T.: 5.729 min
Delta R.T.: -0.003 min
Response: 116510680
Conc: 46.13 ng/ml



#10 gamma-Chlordane

R.T.: 4.889 min
Delta R.T.: -0.006 min
Response: 131900059
Conc: 46.54 ng/ml m



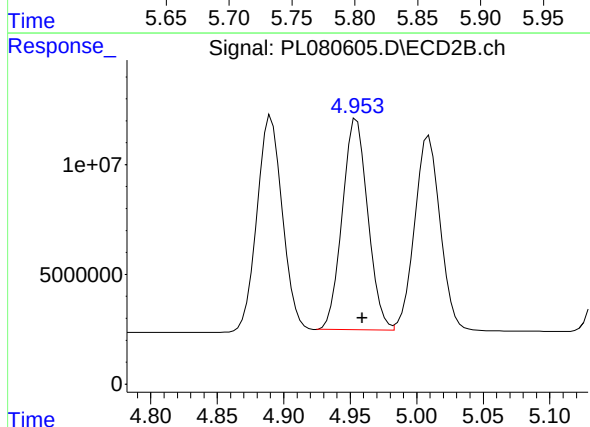
#11 alpha-Chlordane

R.T.: 5.808 min
Delta R.T.: -0.003 min
Response: 115341765
Conc: 45.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

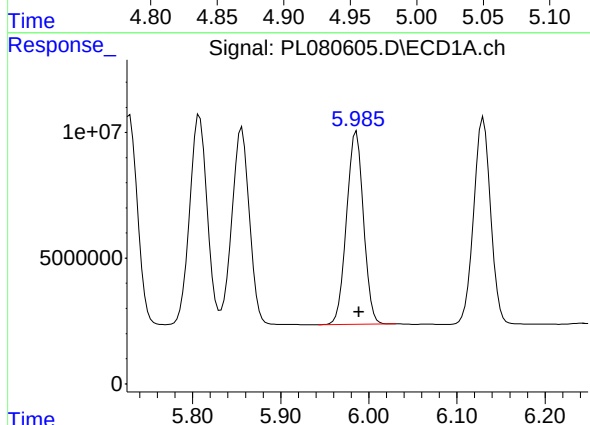
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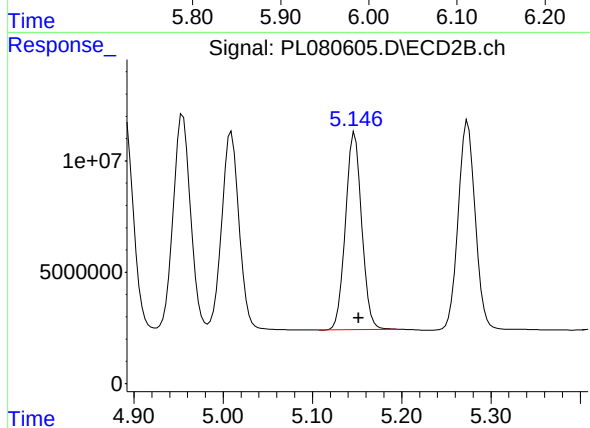
#11 alpha-Chlordane

R.T.: 4.955 min
Delta R.T.: -0.004 min
Response: 128486655
Conc: 44.85 ng/ml



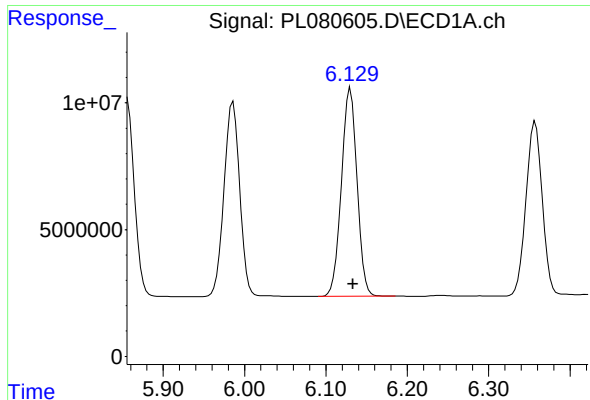
#12 4,4'-DDE

R.T.: 5.986 min
Delta R.T.: -0.003 min
Response: 102446405
Conc: 45.99 ng/ml



#12 4,4'-DDE

R.T.: 5.146 min
Delta R.T.: -0.006 min
Response: 111960497
Conc: 47.46 ng/ml m



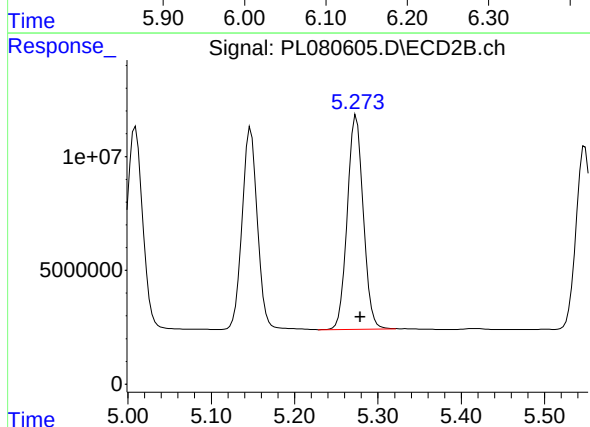
#13 Dieldrin

R.T.: 6.130 min
Delta R.T.: -0.003 min
Response: 109611018
Conc: 45.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

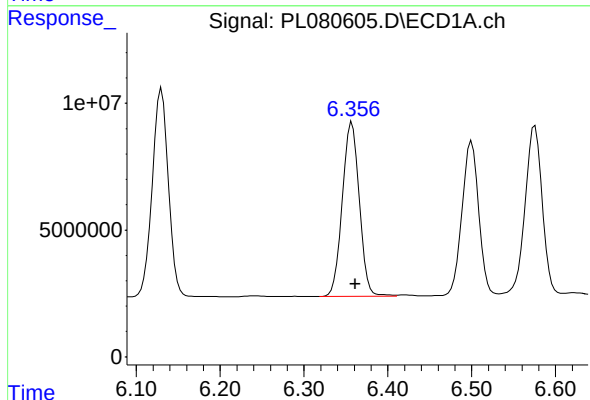
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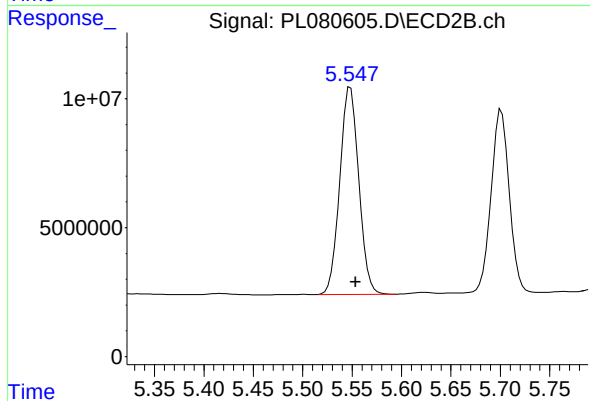
#13 Dieldrin

R.T.: 5.273 min
Delta R.T.: -0.007 min
Response: 124817841
Conc: 46.14 ng/ml



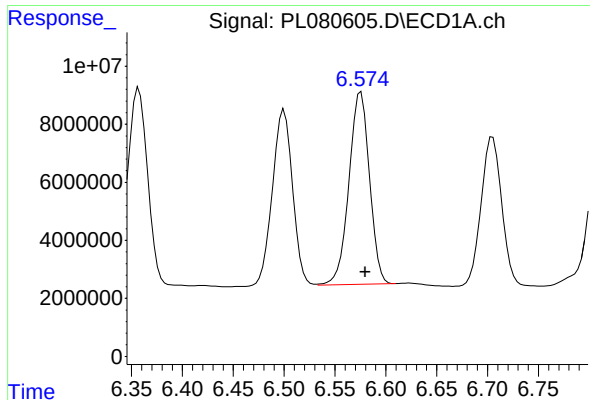
#14 Endrin

R.T.: 6.357 min
Delta R.T.: -0.004 min
Response: 96860746
Conc: 44.79 ng/ml



#14 Endrin

R.T.: 5.548 min
Delta R.T.: -0.005 min
Response: 107394446
Conc: 46.27 ng/ml



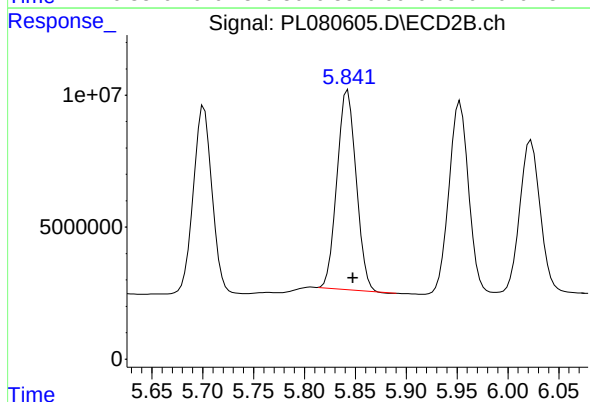
#15 Endosulfan II

R.T.: 6.576 min
Delta R.T.: -0.004 min
Response: 92999327
Conc: 40.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

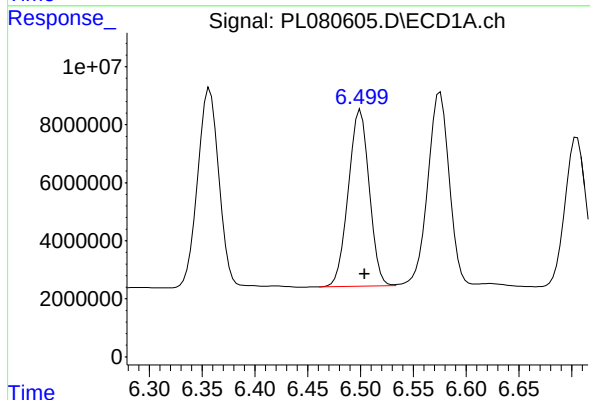
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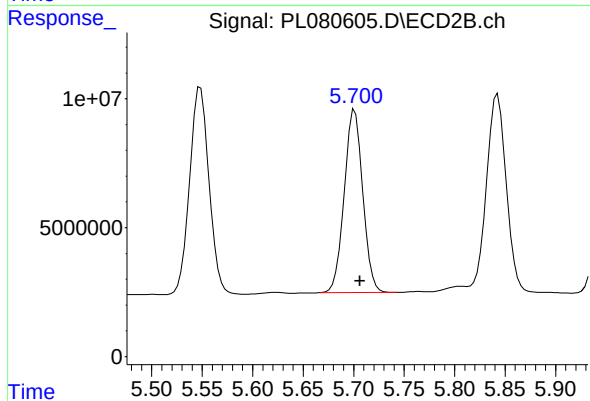
#15 Endosulfan II

R.T.: 5.843 min
Delta R.T.: -0.005 min
Response: 98932523
Conc: 47.48 ng/ml



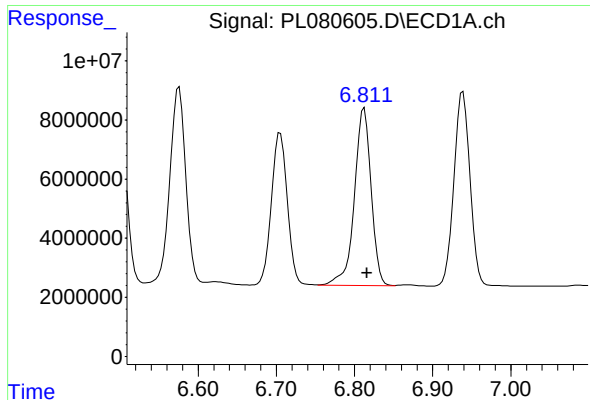
#16 4,4'-DDD

R.T.: 6.500 min
Delta R.T.: -0.004 min
Response: 83572742
Conc: 45.62 ng/ml



#16 4,4'-DDD

R.T.: 5.701 min
Delta R.T.: -0.005 min
Response: 90766436
Conc: 48.30 ng/ml



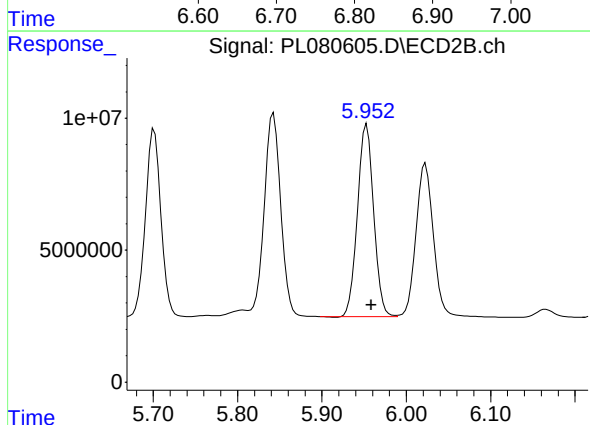
#17 4,4'-DDT

R.T.: 6.812 min
Delta R.T.: -0.004 min
Response: 89490259
Conc: 43.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

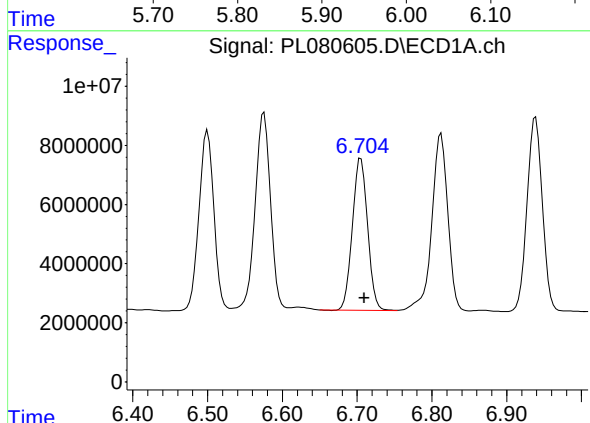
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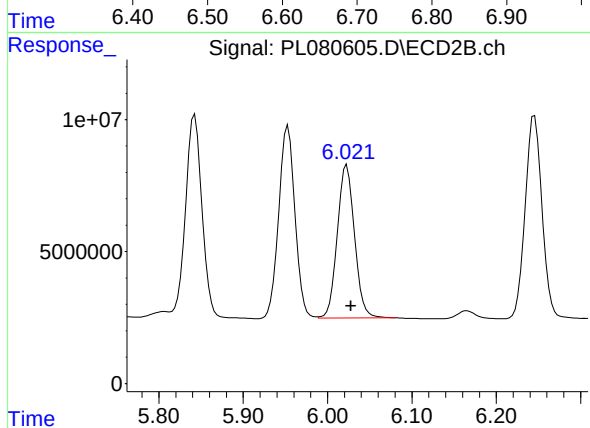
#17 4,4'-DDT

R.T.: 5.953 min
Delta R.T.: -0.005 min
Response: 97210985
Conc: 46.26 ng/ml



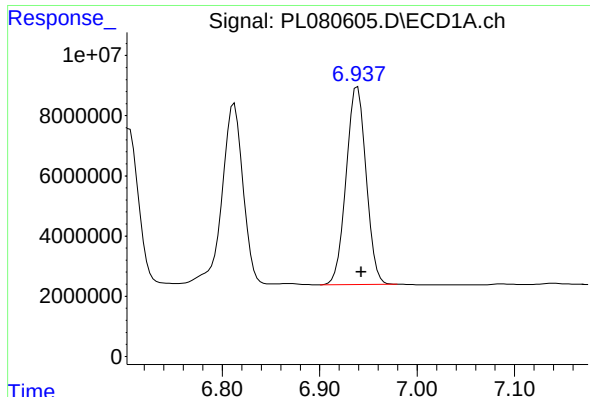
#18 Endrin aldehyde

R.T.: 6.705 min
Delta R.T.: -0.004 min
Response: 72509741
Conc: 43.59 ng/ml



#18 Endrin aldehyde

R.T.: 6.023 min
Delta R.T.: -0.005 min
Response: 81988249
Conc: 44.90 ng/ml



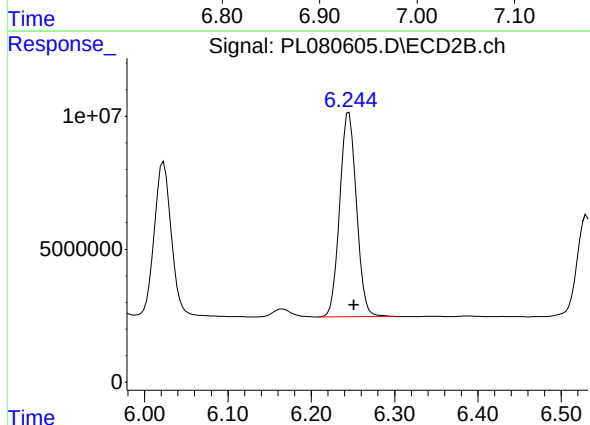
#19 Endosulfan Sulfate

R.T.: 6.939 min
Delta R.T.: -0.004 min
Response: 93439414
Conc: 45.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

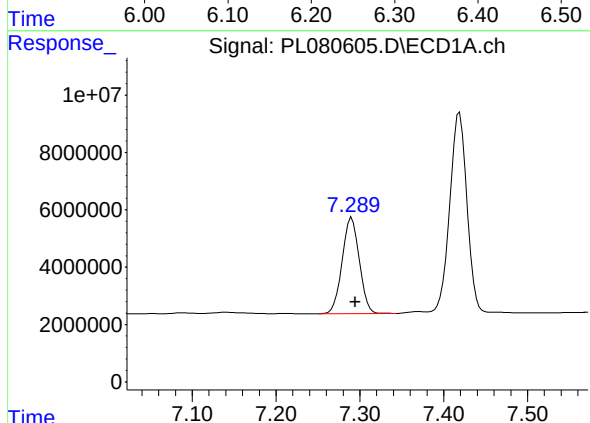
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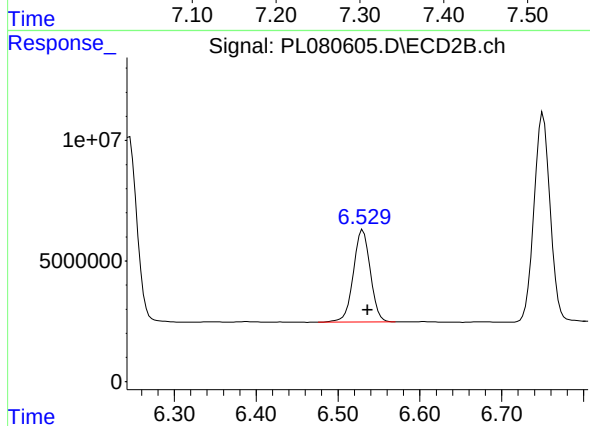
#19 Endosulfan Sulfate

R.T.: 6.245 min
Delta R.T.: -0.006 min
Response: 106957042
Conc: 45.99 ng/ml



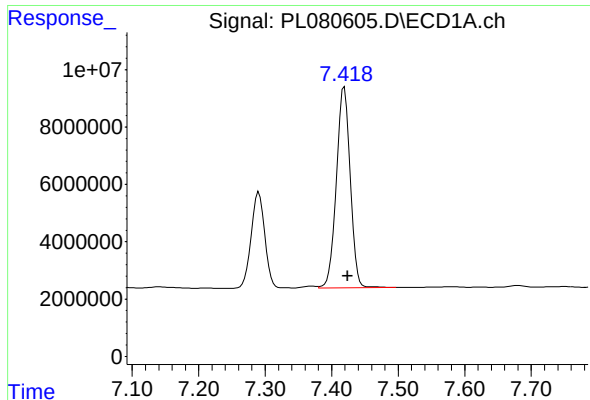
#20 Methoxychlor

R.T.: 7.290 min
Delta R.T.: -0.004 min
Response: 47639063
Conc: 43.18 ng/ml



#20 Methoxychlor

R.T.: 6.529 min
Delta R.T.: -0.007 min
Response: 55379793
Conc: 45.64 ng/ml m



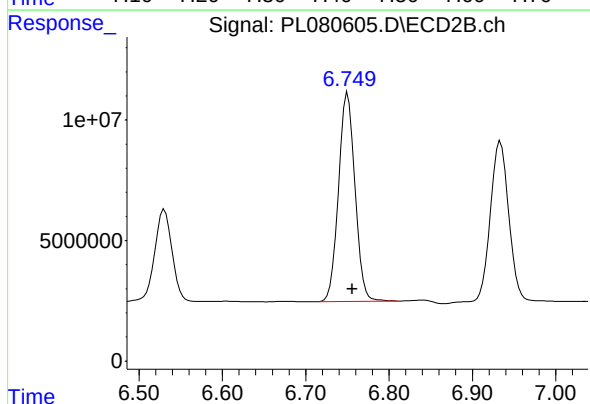
#21 Endrin ketone

R.T.: 7.419 min
Delta R.T.: -0.005 min
Response: 100768173
Conc: 45.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

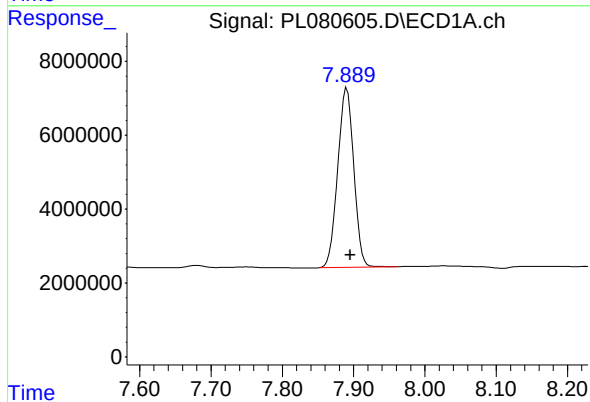
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Supervised By :Ankita Jodhani 01/31/2023



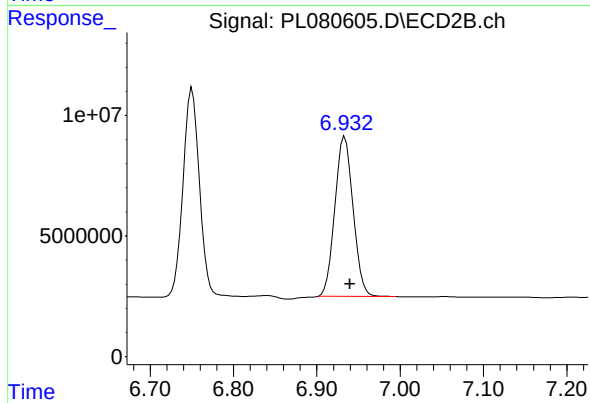
#21 Endrin ketone

R.T.: 6.750 min
Delta R.T.: -0.006 min
Response: 118545134
Conc: 46.43 ng/ml



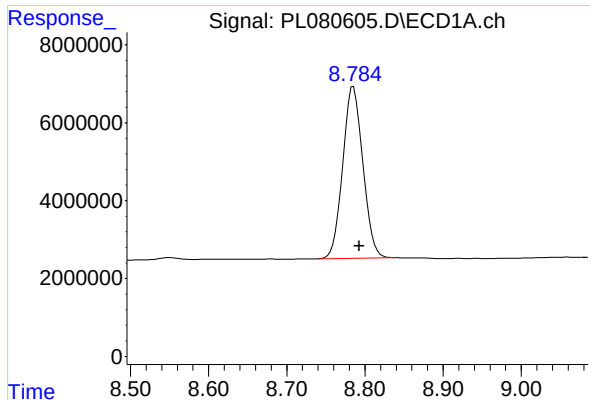
#22 Mirex

R.T.: 7.891 min
Delta R.T.: -0.005 min
Response: 76006621
Conc: 44.20 ng/ml



#22 Mirex

R.T.: 6.934 min
Delta R.T.: -0.007 min
Response: 100757915
Conc: 44.26 ng/ml



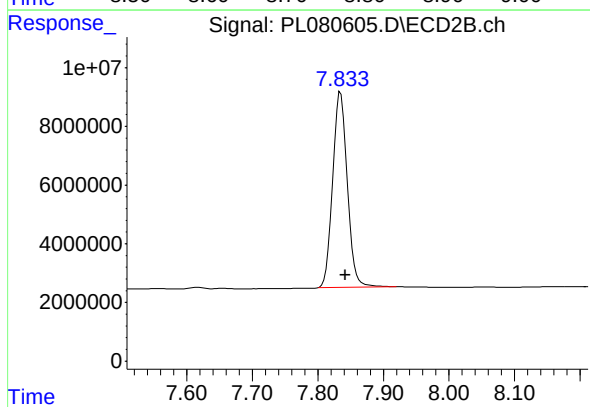
#28 Decachlorobiphenyl

R.T.: 8.785 min
Delta R.T.: -0.008 min
Response: 78921772
Conc: 45.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/31/2023
Supervised By :Ankita Jodhani 01/31/2023



#28 Decachlorobiphenyl

R.T.: 7.835 min
Delta R.T.: -0.007 min
Response: 103614413
Conc: 43.49 ng/ml