

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021323\
 Data File : PL080896.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Feb 2023 16:21
 Operator : AR\AJ
 Sample : 01529-05MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SB-01-5.0-7.0MSD

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 20:18:29 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...	3.350	2.689	37536046	37636836	17.501m	17.135
28) SA Decachlor...	8.796	7.835	7382014	25547471	4.216m	10.723 #
Target Compounds						
2) A alpha-BHC	3.800	3.189	154.4E6	149.1E6	48.734	46.888
3) MA gamma-BHC...	4.128	3.518	143.9E6	140.4E6	48.944	46.989
4) MA Heptachlor	4.712	3.858	139.5E6	143.3E6	47.191	45.032
5) MB Aldrin	5.050	4.137	126.3E6	135.6E6	46.183	45.967
6) B beta-BHC	4.325	3.813	62358543	61582149	45.683	46.142
7) B delta-BHC	4.568	4.043	130.9E6	120.8E6	45.220	41.885
8) B Heptachlo...	5.475	4.639	118.0E6	119.9E6	45.623	43.078
9) A Endosulfan I	5.856	5.010	99711931	103.0E6	42.225m	39.584
10) B gamma-Chl...	5.730	4.889	116.5E6	116.3E6	46.135	41.028m
11) B alpha-Chl...	5.809	4.954	110.4E6	110.6E6	43.718	38.608
12) B 4,4'-DDE	5.988	5.147	91478994	100.1E6	41.071	42.450
13) MA Dieldrin	6.131	5.274	108.4E6	111.7E6	45.275	41.303
14) MA Endrin	6.357	5.548	107.0E6	96846002	49.461m	41.723
15) B Endosulfa...	6.578	5.842	79066114	88013776	34.492	42.239
16) A 4,4'-DDD	6.501	5.701	80043200	81090349	43.692	43.151
17) MA 4,4'-DDT	6.814	5.952	74611791	75556539	35.911	35.954
18) B Endrin al...	6.706	6.022	67328760	67279194	40.476m	36.843
19) B Endosulfa...	6.941	6.245	84151138	85811269	40.654	36.897
20) A Methoxychlor	7.292	6.530	38423825	49361336	34.827m	40.678
21) B Endrin ke...	7.422	6.750	86641724	90321730	39.269	35.376
22) Mirex	7.894	6.934	66469008	74097759	38.650	32.546

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021323\
Data File : PL080896.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Feb 2023 16:21
Operator : AR\AJ
Sample : 01529-05MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

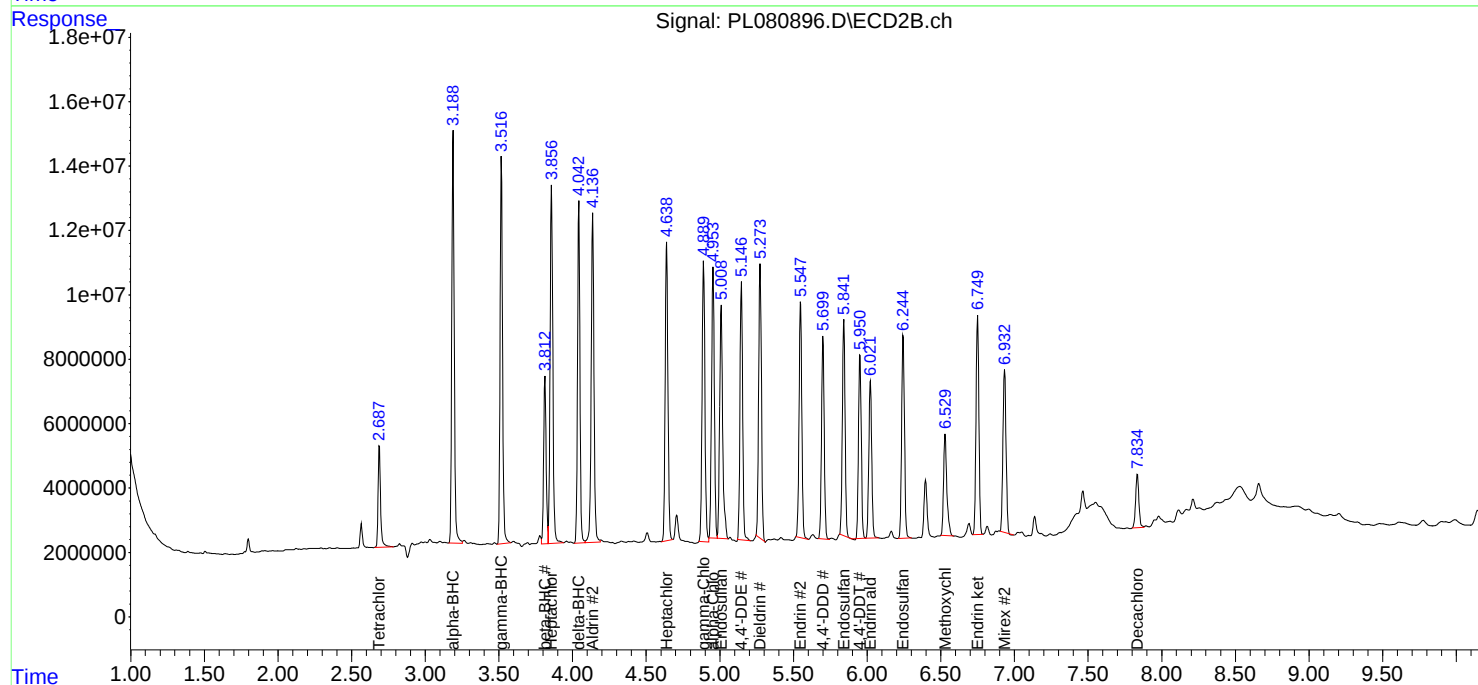
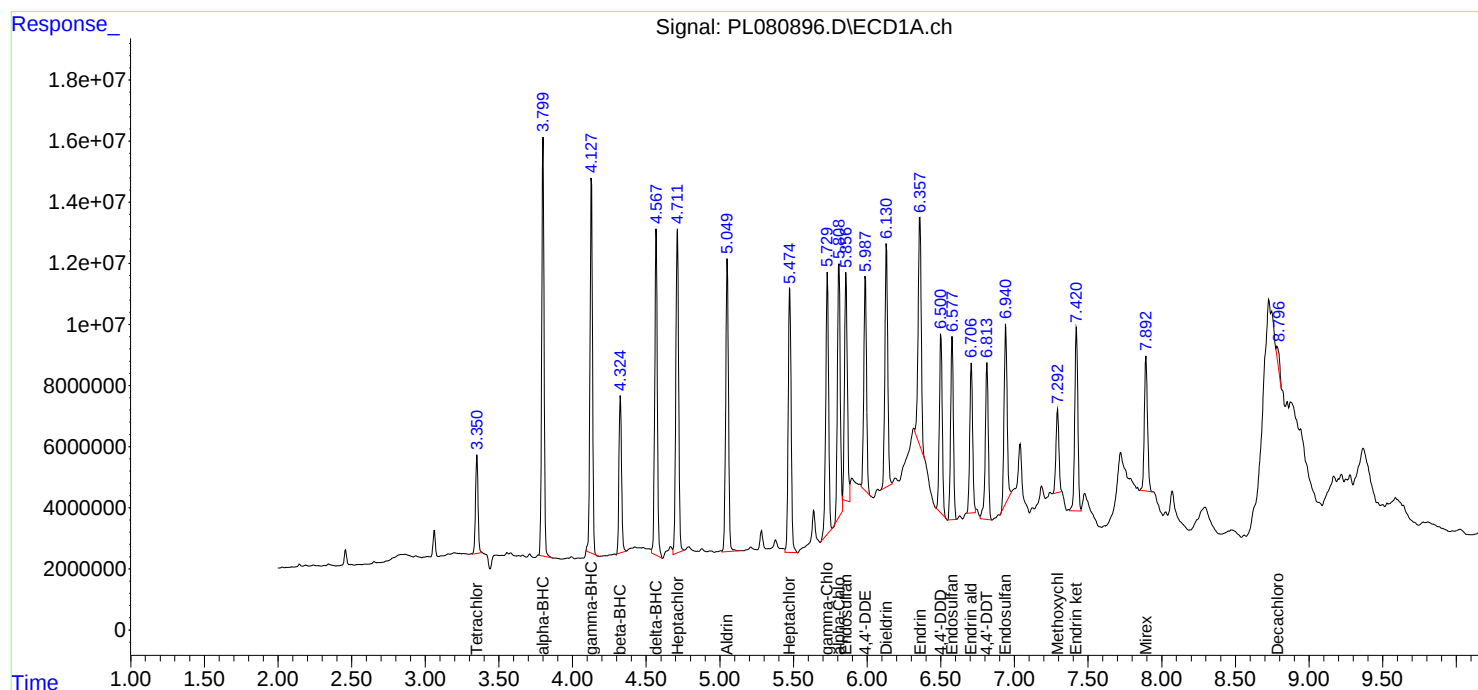
Instrument :
ECD_L
ClientSampleId :
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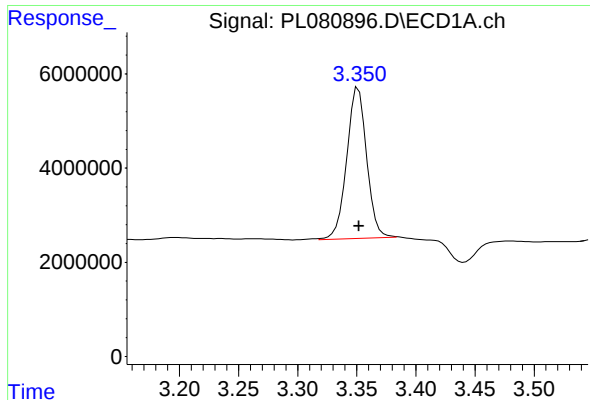
Manual Integrations
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Supervised By :Ankita Jodhani 02/14/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 13 20:18:29 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





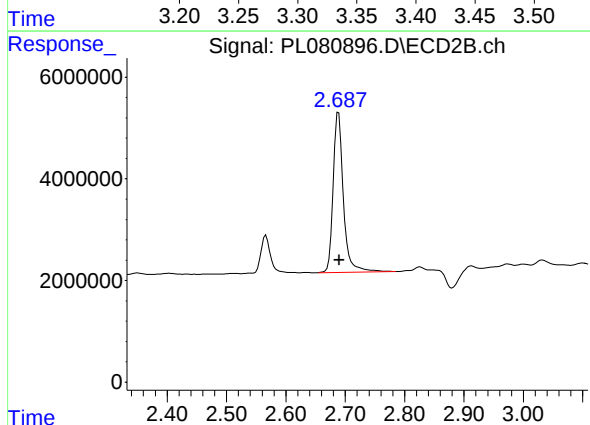
#1 Tetrachloro-m-xylene

R.T.: 3.350 min
Delta R.T.: -0.002 min
Response: 37536046
Conc: 17.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-01-5.0-7.0MSD

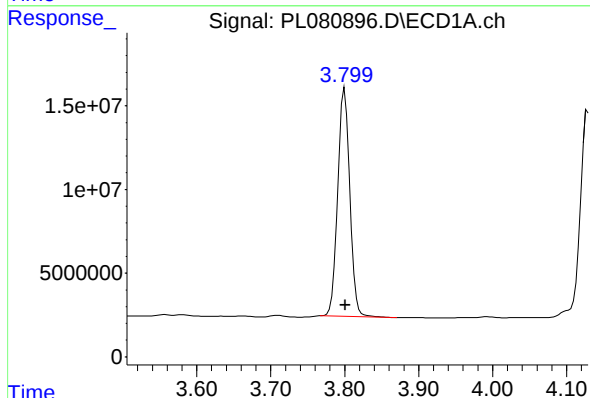
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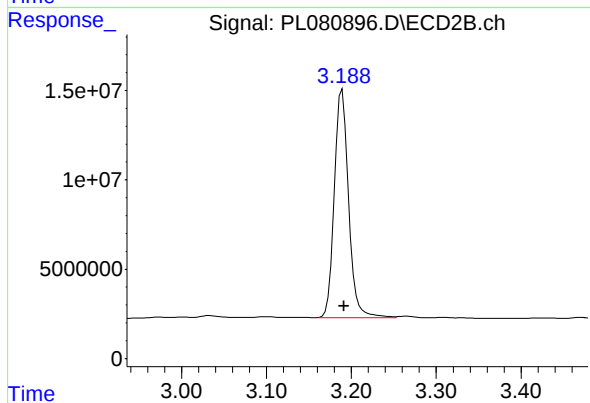
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: -0.001 min
Response: 37636836
Conc: 17.14 ng/ml



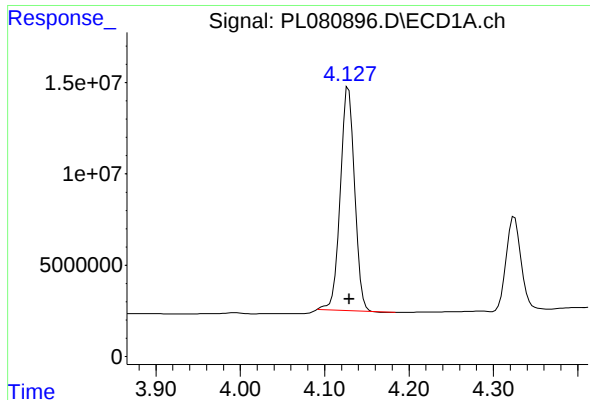
#2 alpha-BHC

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 154390340
Conc: 48.73 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.002 min
Response: 149122102
Conc: 46.89 ng/ml



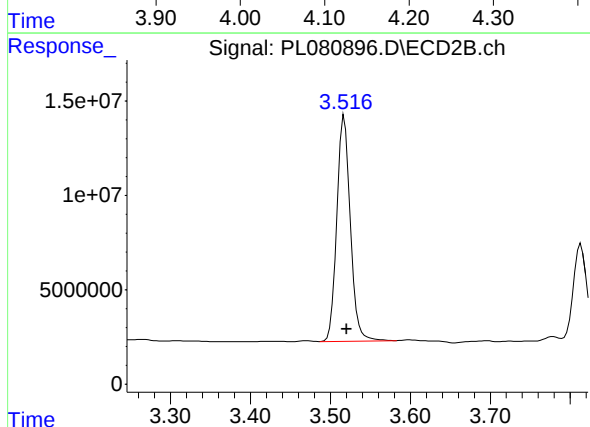
#3 gamma-BHC (Lindane)

R.T.: 4.128 min
Delta R.T.: 0.000 min
Response: 143883387
Conc: 48.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-01-5.0-7.0MSD

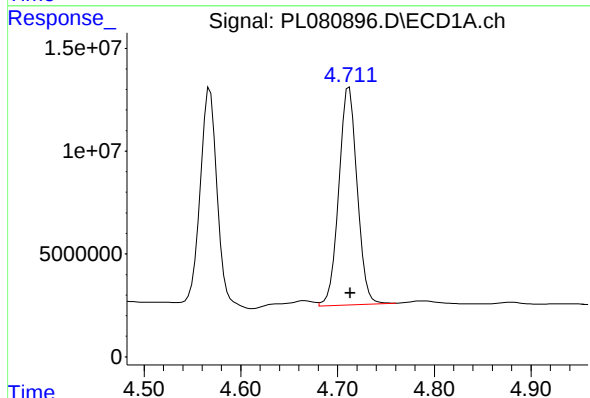
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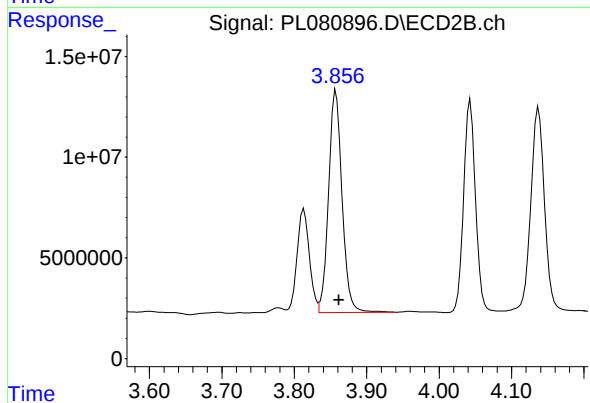
#3 gamma-BHC (Lindane)

R.T.: 3.518 min
Delta R.T.: -0.003 min
Response: 140371804
Conc: 46.99 ng/ml



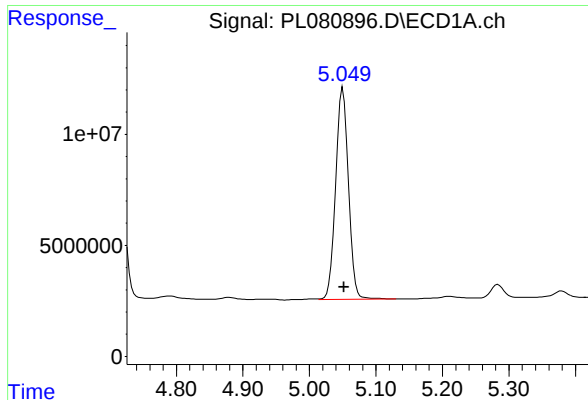
#4 Heptachlor

R.T.: 4.712 min
Delta R.T.: -0.001 min
Response: 139459264
Conc: 47.19 ng/ml



#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.004 min
Response: 143306847
Conc: 45.03 ng/ml



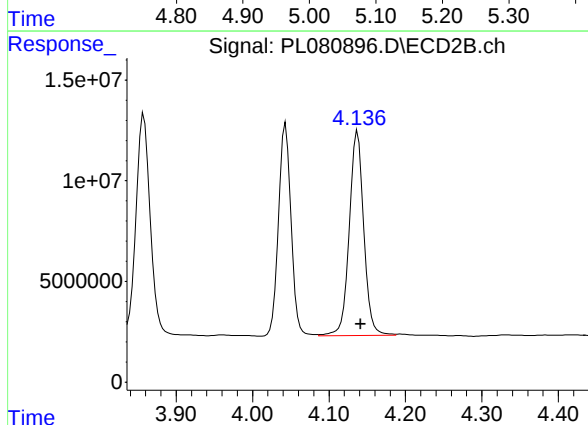
#5 Aldrin

R.T.: 5.050 min
Delta R.T.: -0.002 min
Response: 126347951
Conc: 46.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-01-5.0-7.0MSD

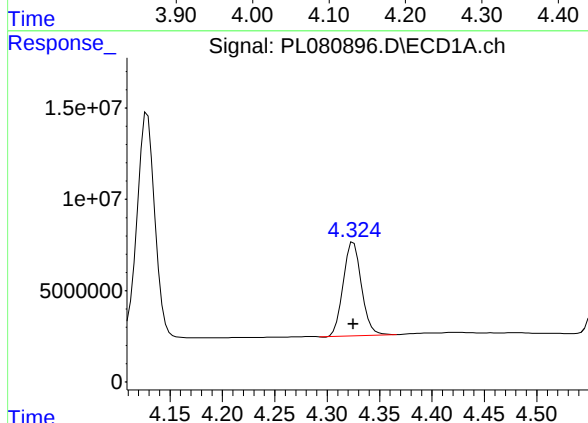
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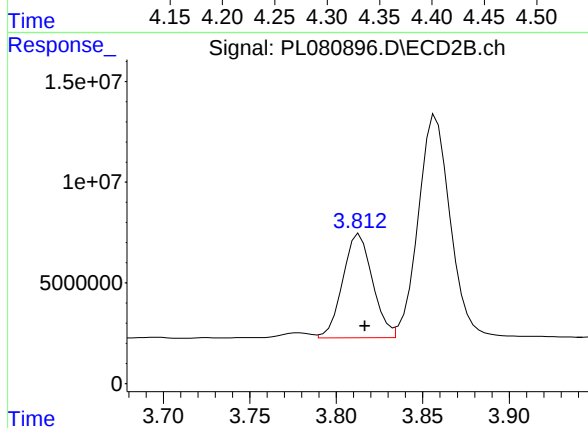
#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.004 min
Response: 135583620
Conc: 45.97 ng/ml



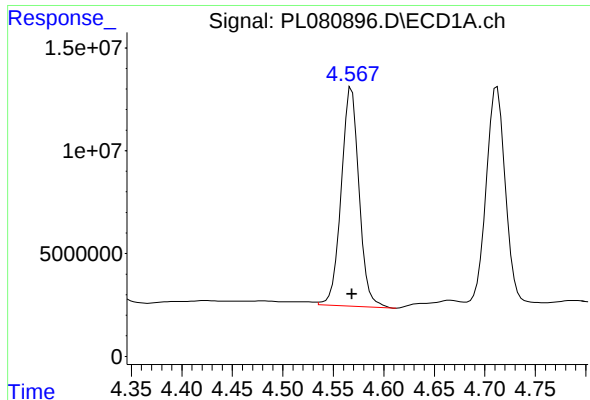
#6 beta-BHC

R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 62358543
Conc: 45.68 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.003 min
Response: 61582149
Conc: 46.14 ng/ml



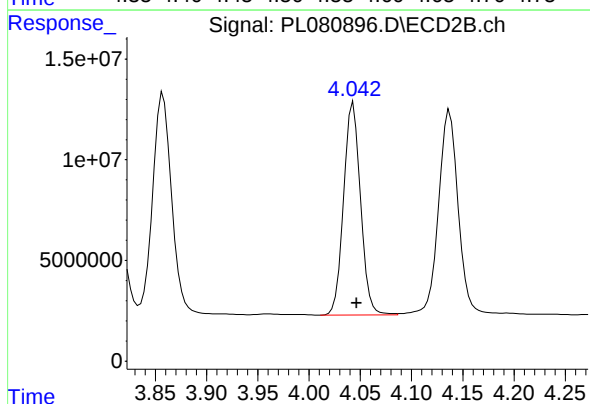
#7 delta-BHC

R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 130911109
Conc: 45.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-01-5.0-7.0MSD

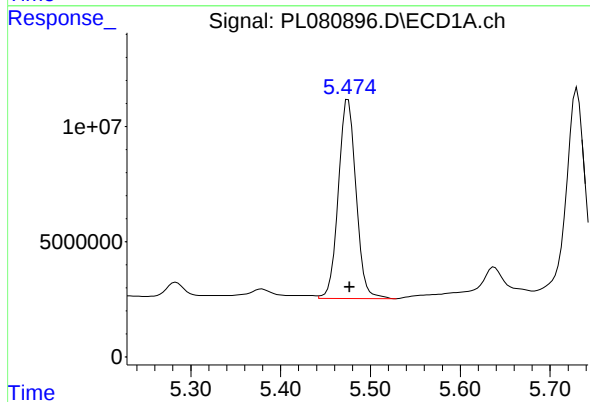
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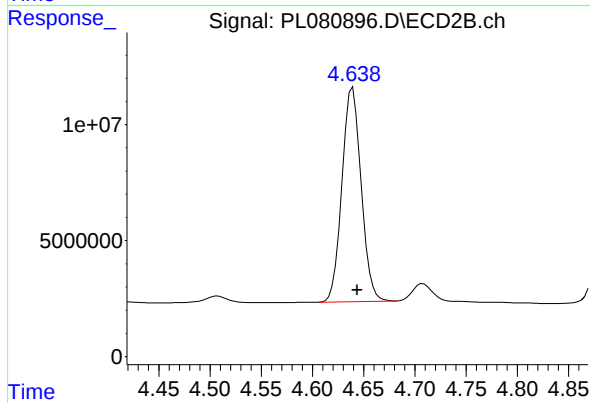
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 120814500
Conc: 41.88 ng/ml



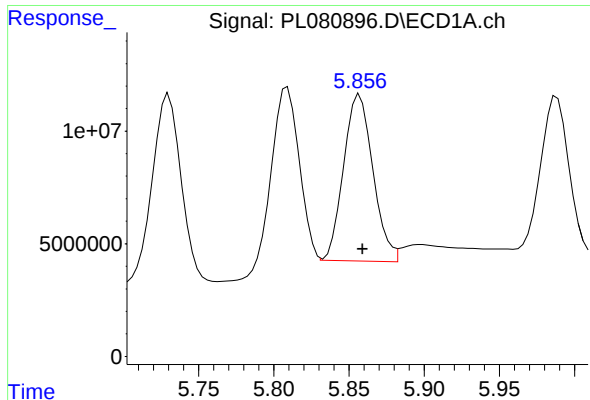
#8 Heptachlor epoxide

R.T.: 5.475 min
Delta R.T.: -0.002 min
Response: 118029571
Conc: 45.62 ng/ml



#8 Heptachlor epoxide

R.T.: 4.639 min
Delta R.T.: -0.005 min
Response: 119856841
Conc: 43.08 ng/ml



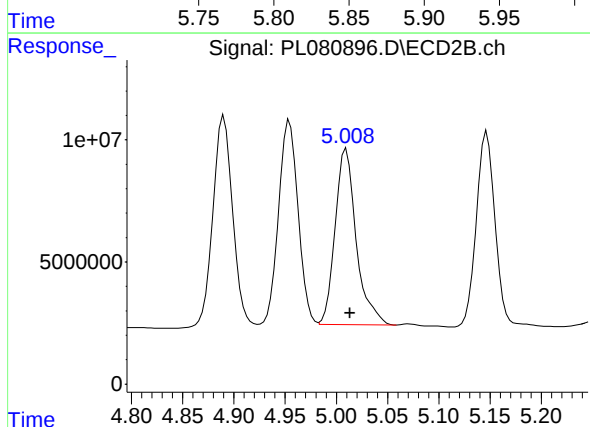
#9 Endosulfan I

R.T.: 5.856 min
Delta R.T.: -0.003 min
Response: 99711931
Conc: 42.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-01-5.0-7.0MSD

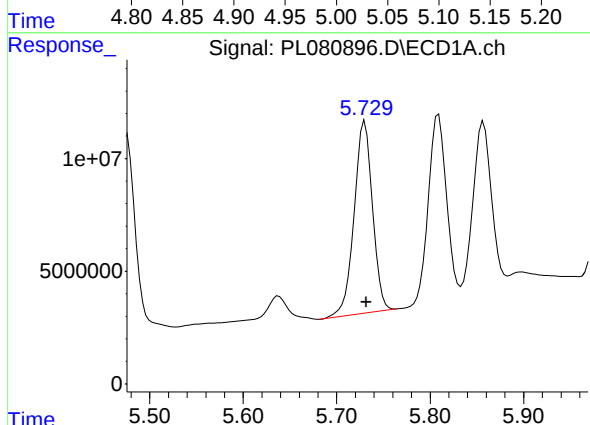
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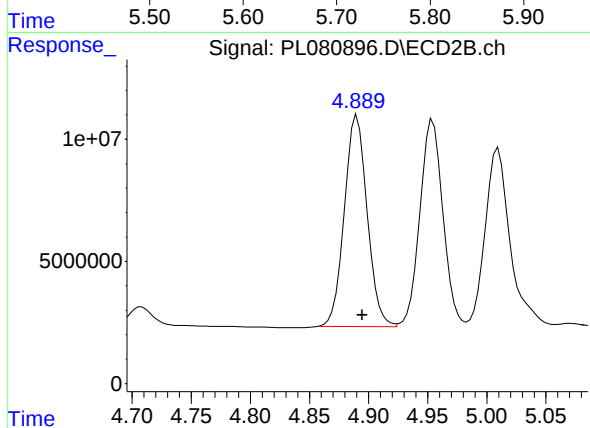
#9 Endosulfan I

R.T.: 5.010 min
Delta R.T.: -0.004 min
Response: 102970017
Conc: 39.58 ng/ml



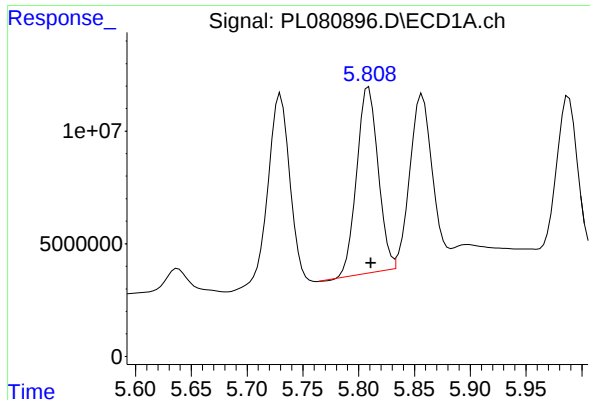
#10 gamma-Chlordane

R.T.: 5.730 min
Delta R.T.: -0.002 min
Response: 116523865
Conc: 46.13 ng/ml



#10 gamma-Chlordane

R.T.: 4.889 min
Delta R.T.: -0.006 min
Response: 116283716
Conc: 41.03 ng/ml m



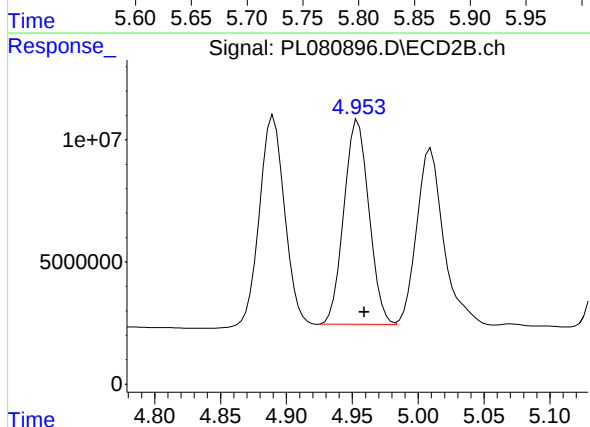
#11 alpha-Chlordane

R.T.: 5.809 min
Delta R.T.: -0.002 min
Response: 110356613
Conc: 43.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-01-5.0-7.0MSD

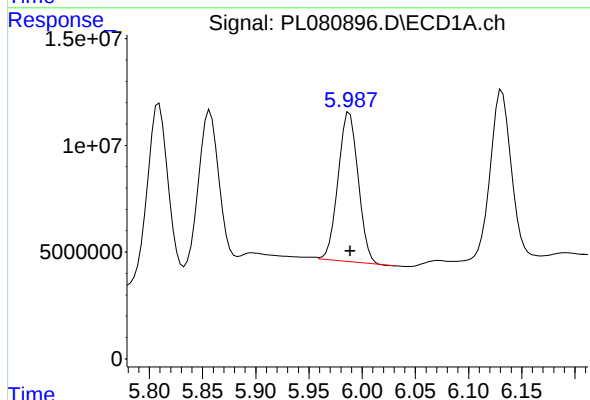
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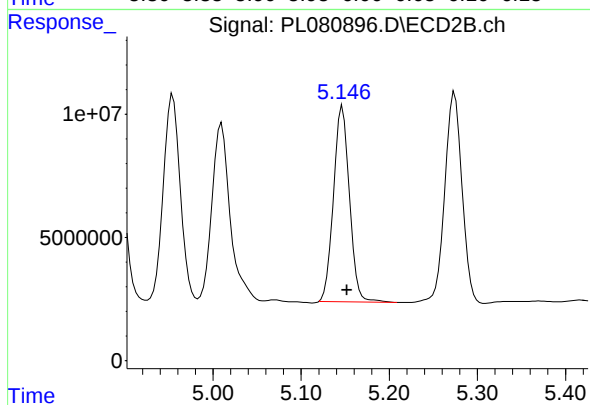
#11 alpha-Chlordane

R.T.: 4.954 min
Delta R.T.: -0.005 min
Response: 110600725
Conc: 38.61 ng/ml



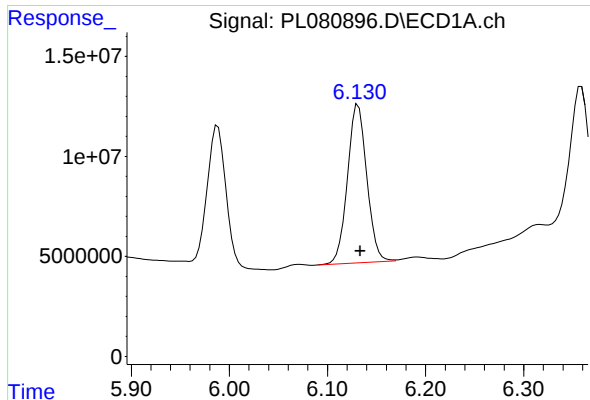
#12 4,4'-DDE

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 91478994
Conc: 41.07 ng/ml



#12 4,4'-DDE

R.T.: 5.147 min
Delta R.T.: -0.005 min
Response: 100132992
Conc: 42.45 ng/ml



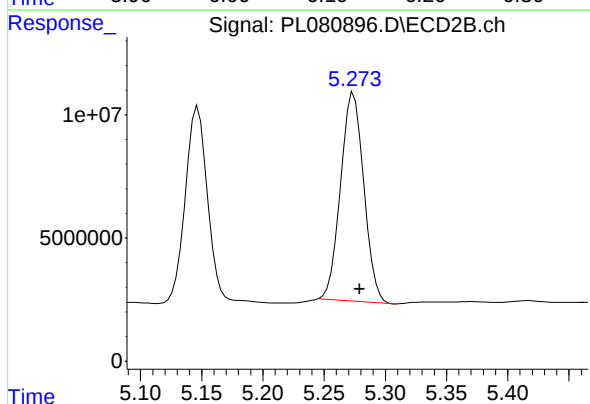
#13 Dieldrin

R.T.: 6.131 min
Delta R.T.: -0.002 min
Response: 108360278
Conc: 45.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-01-5.0-7.0MSD

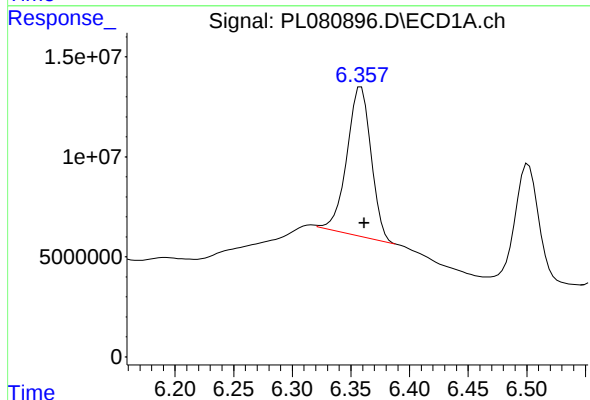
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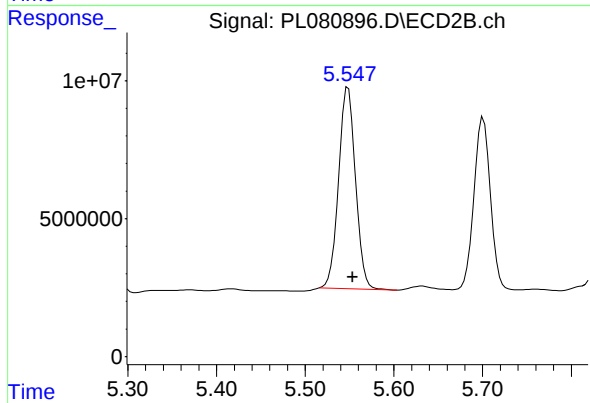
#13 Dieldrin

R.T.: 5.274 min
Delta R.T.: -0.005 min
Response: 111722190
Conc: 41.30 ng/ml



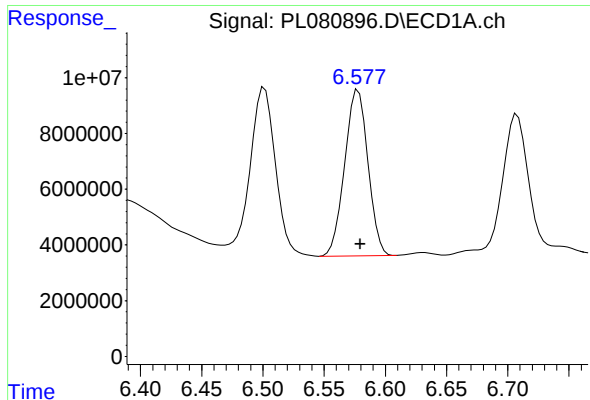
#14 Endrin

R.T.: 6.357 min
Delta R.T.: -0.004 min
Response: 106968727
Conc: 49.46 ng/ml m



#14 Endrin

R.T.: 5.548 min
Delta R.T.: -0.005 min
Response: 96846002
Conc: 41.72 ng/ml



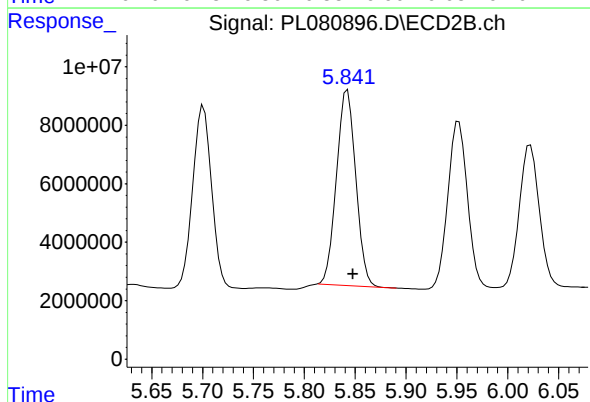
#15 Endosulfan II

R.T.: 6.578 min
Delta R.T.: -0.002 min
Response: 79066114
Conc: 34.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-01-5.0-7.0MSD

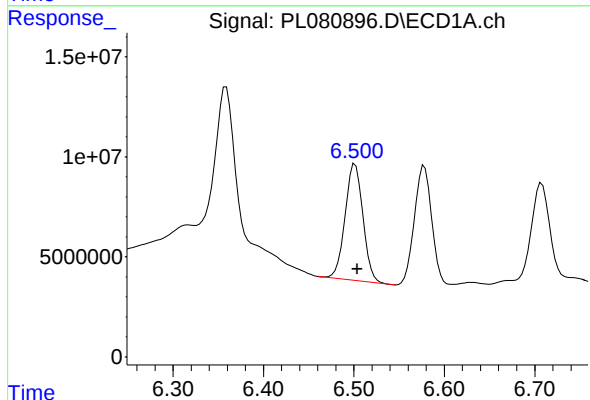
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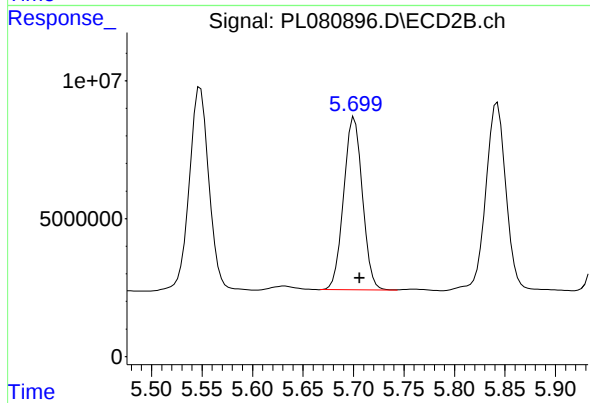
#15 Endosulfan II

R.T.: 5.842 min
Delta R.T.: -0.005 min
Response: 88013776
Conc: 42.24 ng/ml



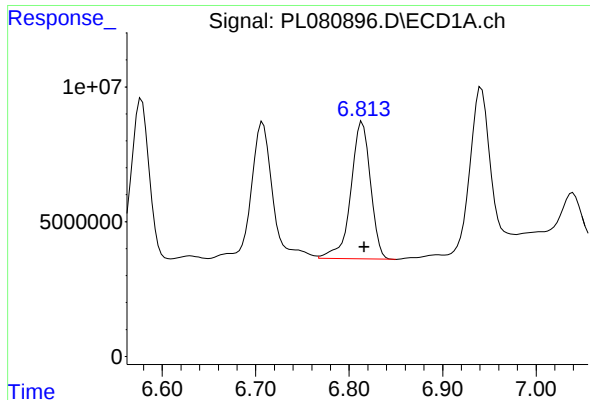
#16 4,4'-DDD

R.T.: 6.501 min
Delta R.T.: -0.003 min
Response: 80043200
Conc: 43.69 ng/ml



#16 4,4'-DDD

R.T.: 5.701 min
Delta R.T.: -0.005 min
Response: 81090349
Conc: 43.15 ng/ml



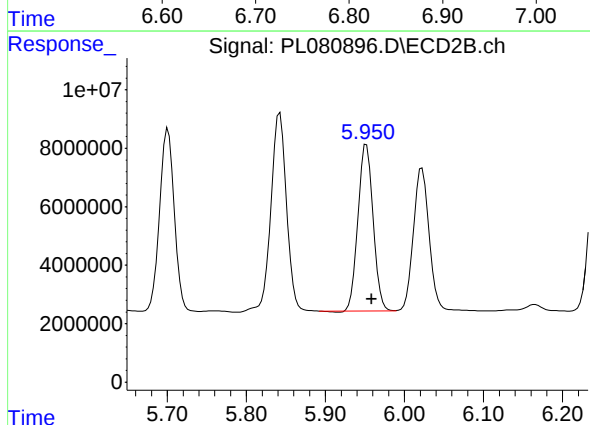
#17 4,4'-DDT

R.T.: 6.814 min
Delta R.T.: -0.002 min
Response: 74611791
Conc: 35.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-01-5.0-7.0MSD

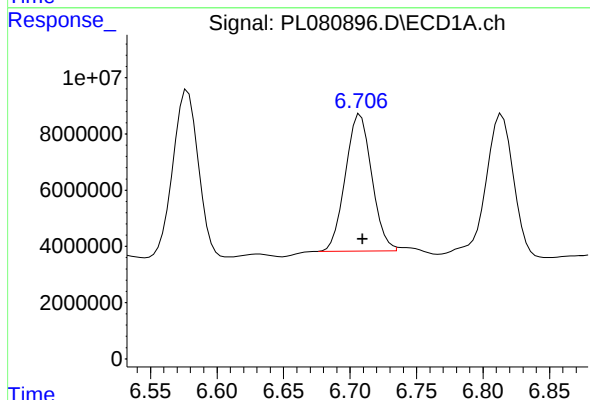
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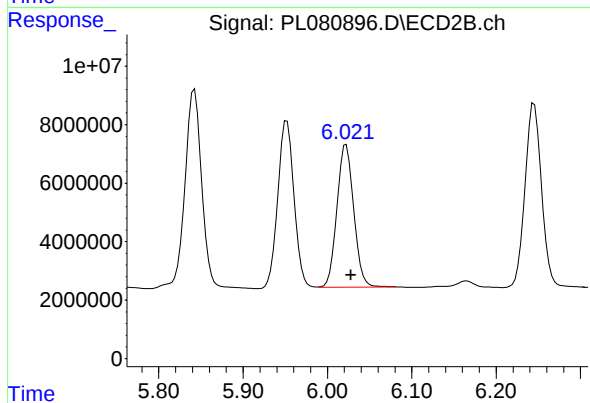
#17 4,4'-DDT

R.T.: 5.952 min
Delta R.T.: -0.006 min
Response: 75556539
Conc: 35.95 ng/ml



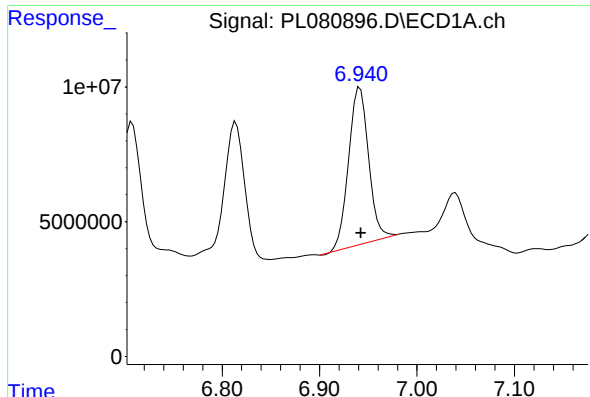
#18 Endrin aldehyde

R.T.: 6.706 min
Delta R.T.: -0.003 min
Response: 67328760
Conc: 40.48 ng/ml m



#18 Endrin aldehyde

R.T.: 6.022 min
Delta R.T.: -0.006 min
Response: 67279194
Conc: 36.84 ng/ml



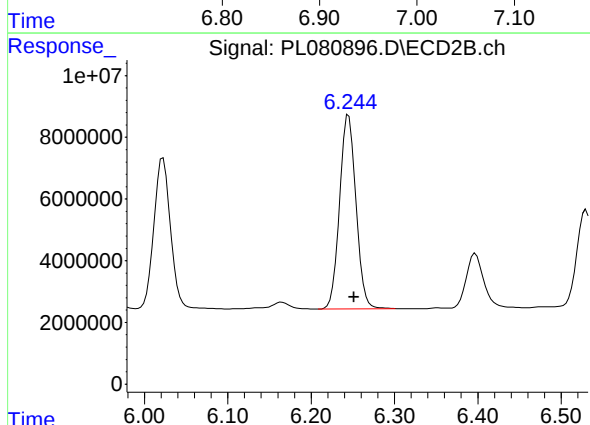
#19 Endosulfan Sulfate

R.T.: 6.941 min
Delta R.T.: -0.001 min
Response: 84151138
Conc: 40.65 ng/ml

Instrument :
ECD_L
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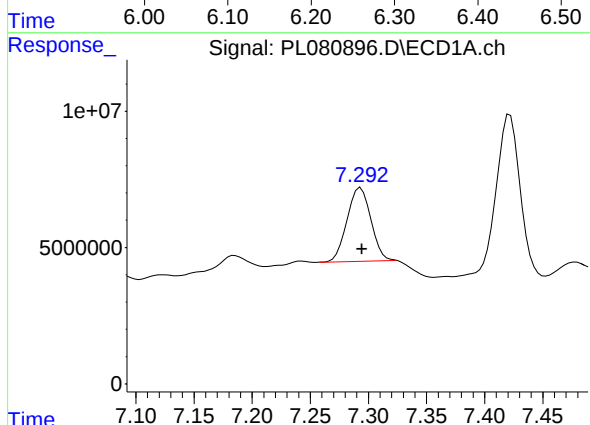
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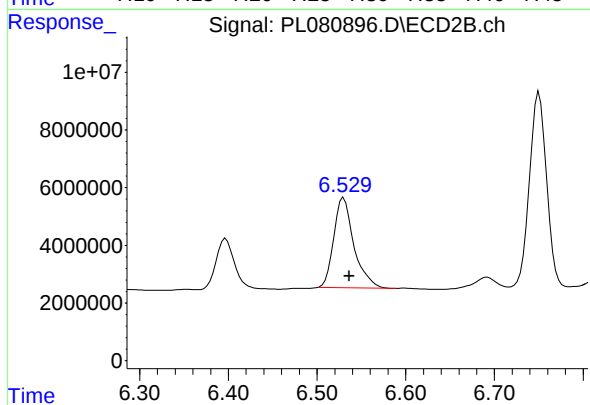
#19 Endosulfan Sulfate

R.T.: 6.245 min
Delta R.T.: -0.006 min
Response: 85811269
Conc: 36.90 ng/ml



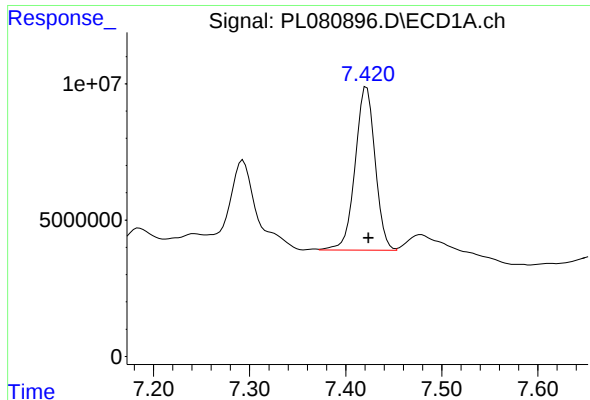
#20 Methoxychlor

R.T.: 7.292 min
Delta R.T.: -0.002 min
Response: 38423825
Conc: 34.83 ng/ml m



#20 Methoxychlor

R.T.: 6.530 min
Delta R.T.: -0.006 min
Response: 49361336
Conc: 40.68 ng/ml



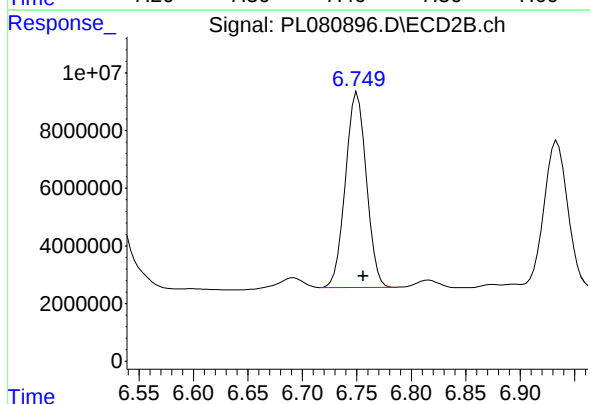
#21 Endrin ketone

R.T.: 7.422 min
Delta R.T.: -0.002 min
Response: 86641724
Conc: 39.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-01-5.0-7.0MSD

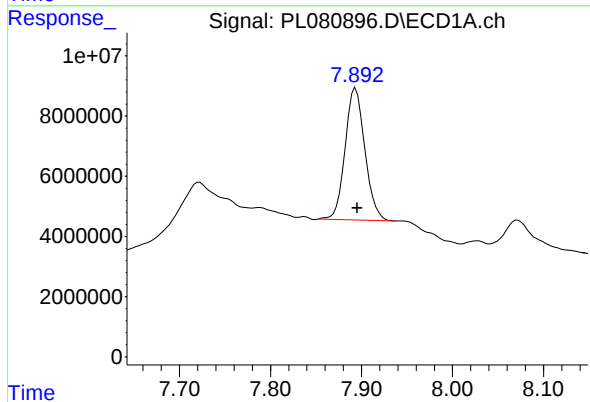
Manual Integrations
APPROVED

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



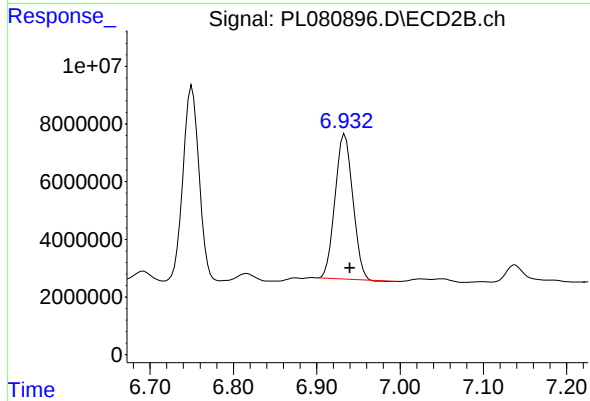
#21 Endrin ketone

R.T.: 6.750 min
Delta R.T.: -0.006 min
Response: 90321730
Conc: 35.38 ng/ml



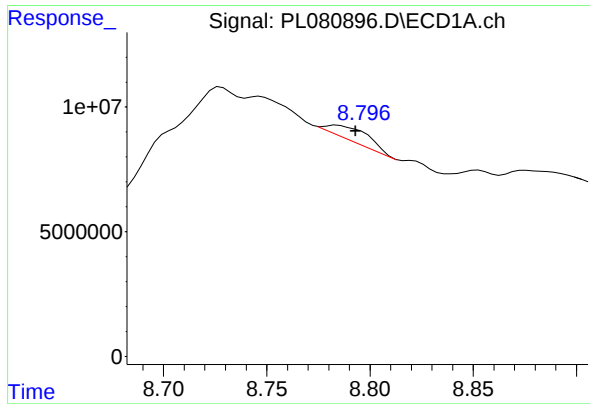
#22 Mirex

R.T.: 7.894 min
Delta R.T.: -0.002 min
Response: 66469008
Conc: 38.65 ng/ml



#22 Mirex

R.T.: 6.934 min
Delta R.T.: -0.006 min
Response: 74097759
Conc: 32.55 ng/ml



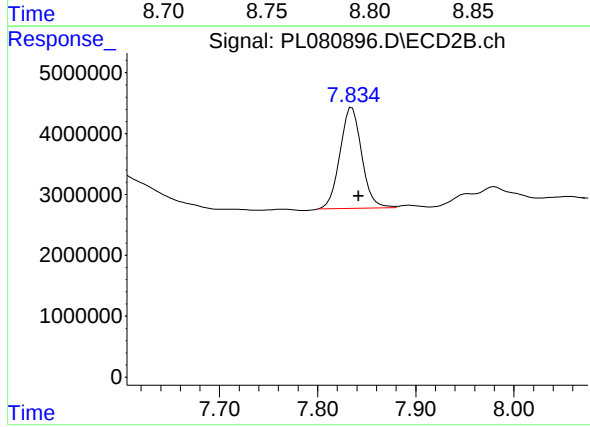
#28 Decachlorobiphenyl

R.T.: 8.796 min
Delta R.T.: 0.003 min
Response: 7382014
Conc: 4.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-01-5.0-7.0MSD

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.835 min
Delta R.T.: -0.007 min
Response: 25547471
Conc: 10.72 ng/ml