

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021323\
 Data File : PL080895.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Feb 2023 16:08
 Operator : AR\AJ
 Sample : 01529-05MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

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 20:17:38 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...	3.350	2.688	37161540	36771996	17.326m	16.742
28) SA Decachlor...	8.792	7.831	11444961	8401902	6.537	3.526m#
Target Compounds						
2) A alpha-BHC	3.800	3.189	152.9E6	147.3E6	48.261	46.309
3) MA gamma-BHC...	4.128	3.517	141.8E6	137.6E6	48.220	46.047
4) MA Heptachlor	4.710	3.858	132.7E6	138.6E6	44.919m	43.552
5) MB Aldrin	5.050	4.137	129.5E6	139.5E6	47.348	47.284
6) B beta-BHC	4.324	3.813	59603480	59448395	43.665	44.543
7) B delta-BHC	4.567	4.041	129.0E6	120.8E6	44.571	41.875m
8) B Heptachlo...	5.475	4.639	114.3E6	116.9E6	44.190	42.018
9) A Endosulfan I	5.857	5.009	105.7E6	103.3E6	44.757	39.715
10) B gamma-Chl...	5.730	4.890	128.7E6	109.7E6	50.954	38.706
11) B alpha-Chl...	5.808	4.954	109.5E6	113.0E6	43.397m	39.457
12) B 4,4'-DDE	5.988	5.147	86524534	100.0E6	38.846	42.414
13) MA Dieldrin	6.132	5.274	106.2E6	112.6E6	44.382	41.638
14) MA Endrin	6.358	5.548	96781256	99952426	44.750m	43.061
15) B Endosulfa...	6.577	5.842	96999478	81348085	42.315	39.040
16) A 4,4'-DDD	6.501	5.701	88909498	78013245	48.532	41.514
17) MA 4,4'-DDT	6.814	5.951	55316678	80937419	26.624m	38.514m#
18) B Endrin al...	6.707	6.021	57371141	50279081	34.490	27.533m
19) B Endosulfa...	6.940	6.245	78527420	80927235	37.938m	34.797m
20) A Methoxychlor	7.291	6.531	56062444	61445454	50.814m	50.636
21) B Endrin ke...	7.422	6.751	100.0E6	88035485	45.326	34.480
22) Mirex	7.891	6.933	28708670	72363719	16.693m	31.784m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021323\
Data File : PL080895.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Feb 2023 16:08
Operator : AR\AJ
Sample : 01529-05MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

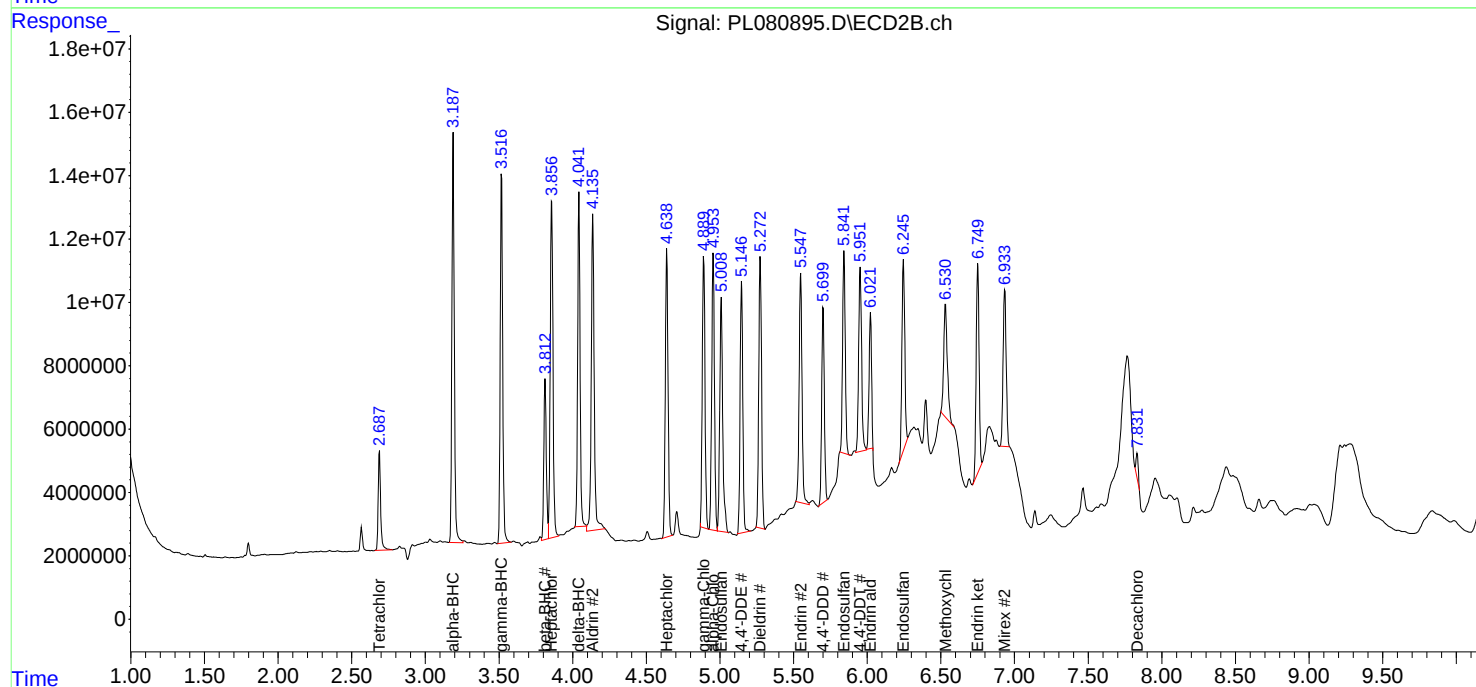
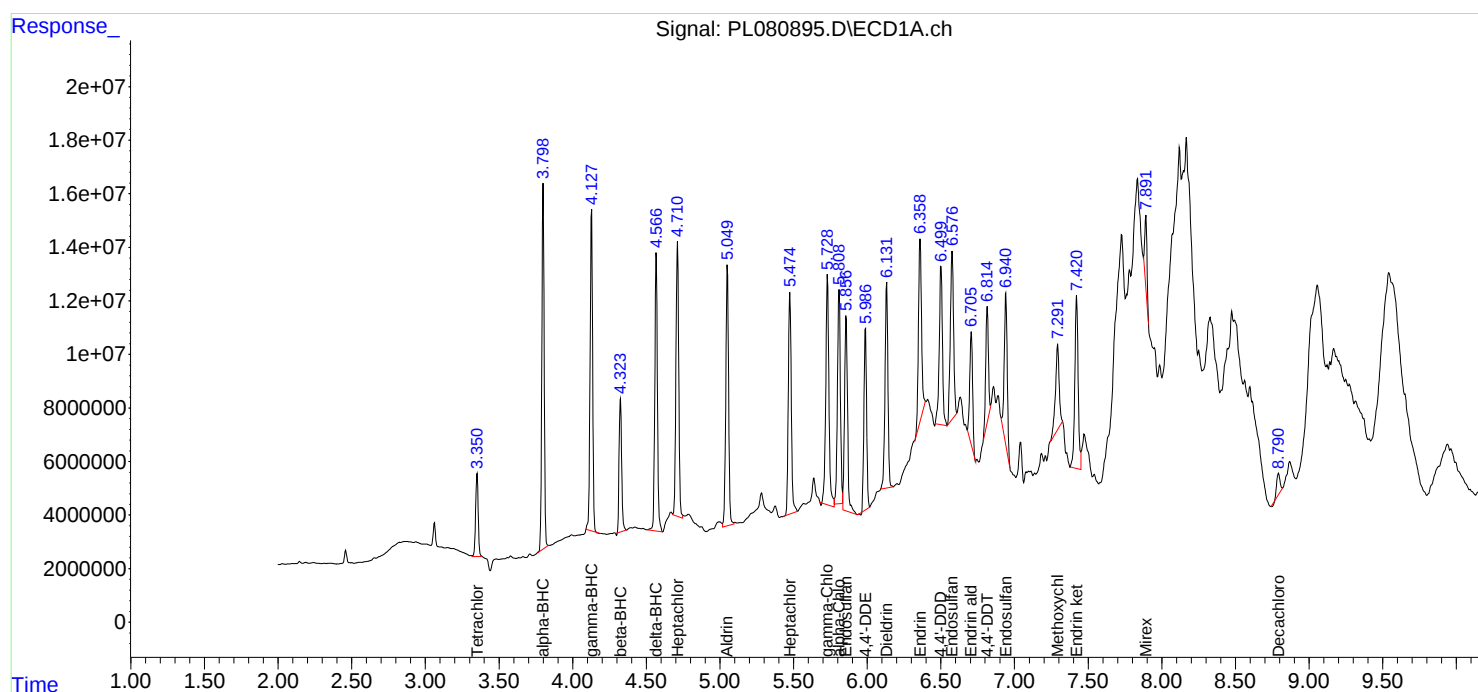
Instrument :
ECD_L
ClientSampleId :
SB-01-5.0-7.0MS

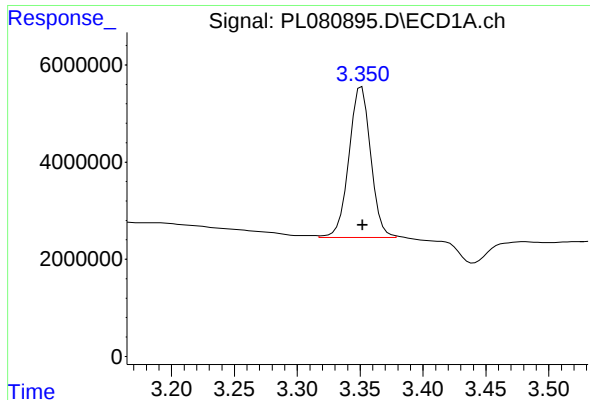
Manual Integrations
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Supervised By :Ankita Jodhani 02/14/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 13 20:17:38 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
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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





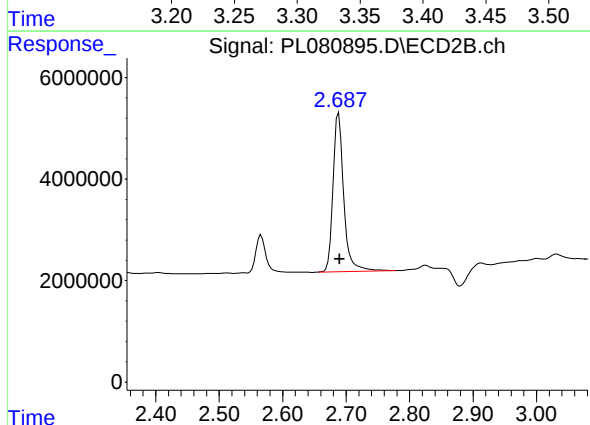
#1 Tetrachloro-m-xylene

R.T.: 3.350 min
Delta R.T.: -0.002 min
Response: 37161540
Conc: 17.33 ng/ml

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

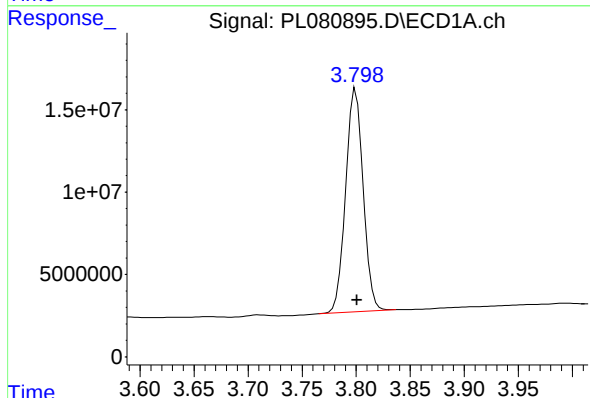
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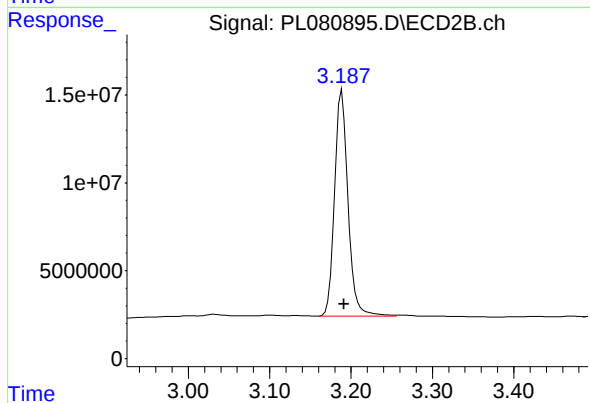
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: -0.001 min
Response: 36771996
Conc: 16.74 ng/ml



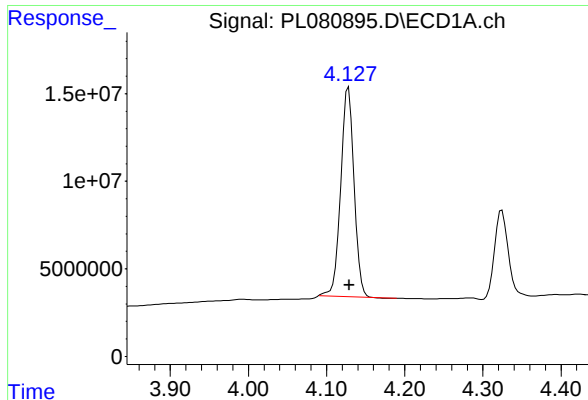
#2 alpha-BHC

R.T.: 3.800 min
Delta R.T.: -0.001 min
Response: 152892562
Conc: 48.26 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.003 min
Response: 147283058
Conc: 46.31 ng/ml



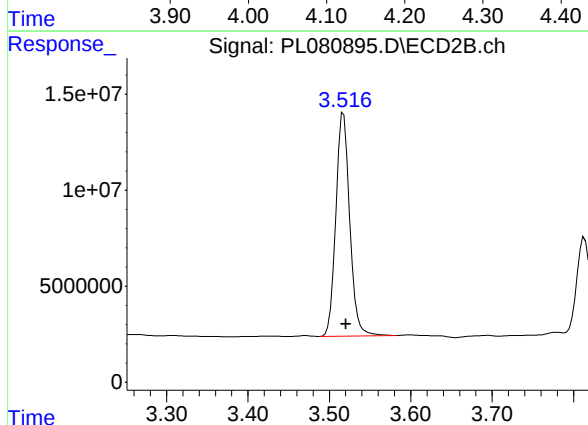
#3 gamma-BHC (Lindane)

R.T.: 4.128 min
Delta R.T.: -0.001 min
Response: 141756220
Conc: 48.22 ng/ml

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

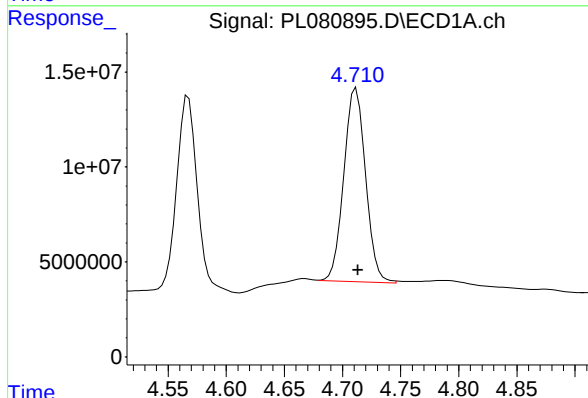
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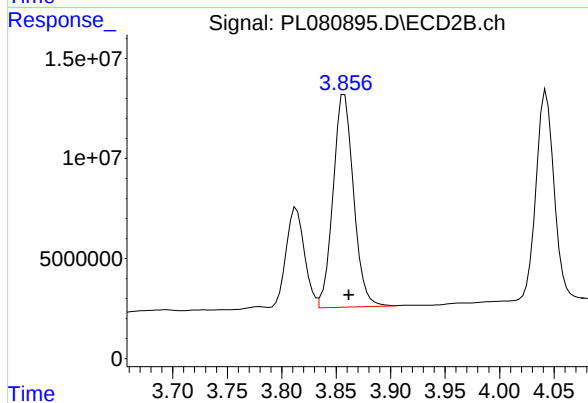
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.003 min
Response: 137557219
Conc: 46.05 ng/ml



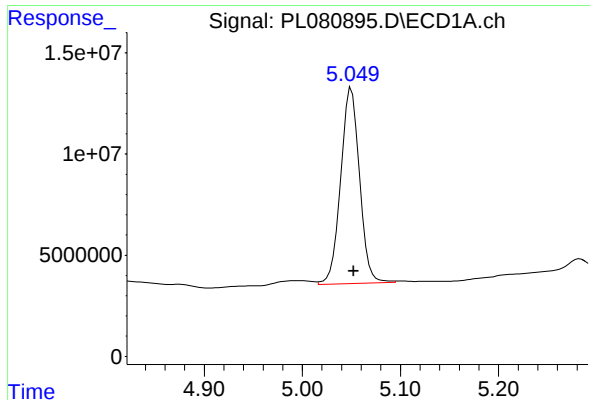
#4 Heptachlor

R.T.: 4.710 min
Delta R.T.: -0.003 min
Response: 132745563
Conc: 44.92 ng/ml m



#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.004 min
Response: 138597772
Conc: 43.55 ng/ml



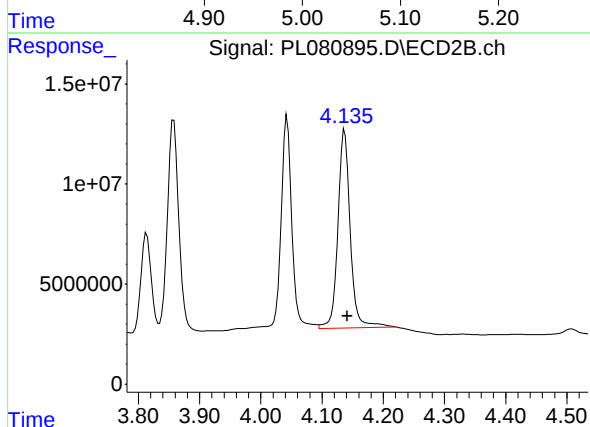
#5 Aldrin

R.T.: 5.050 min
Delta R.T.: -0.002 min
Response: 129534797
Conc: 47.35 ng/ml

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

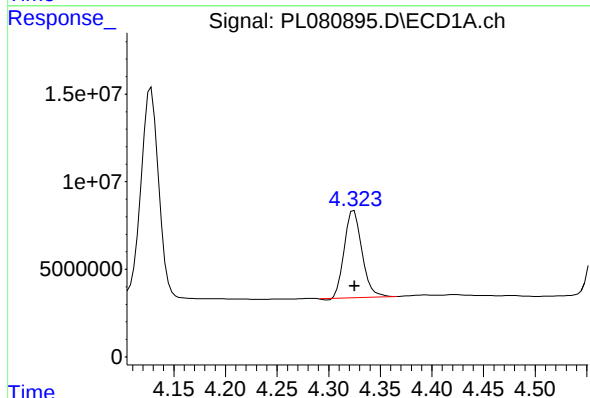
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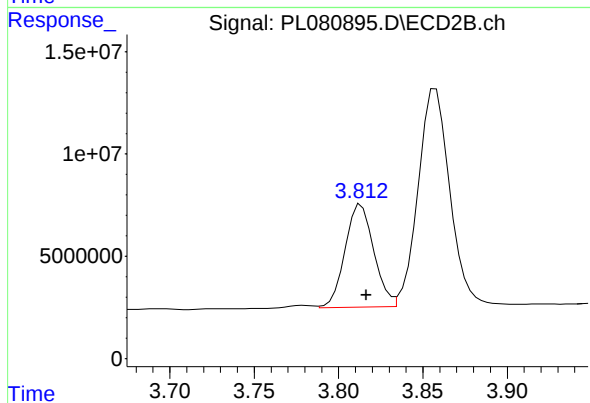
#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.005 min
Response: 139468073
Conc: 47.28 ng/ml



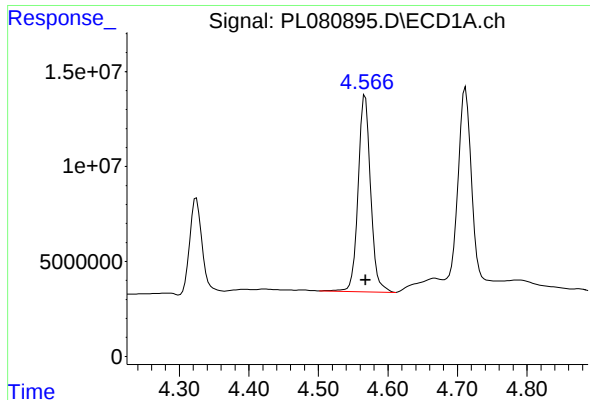
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 59603480
Conc: 43.66 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.003 min
Response: 59448395
Conc: 44.54 ng/ml



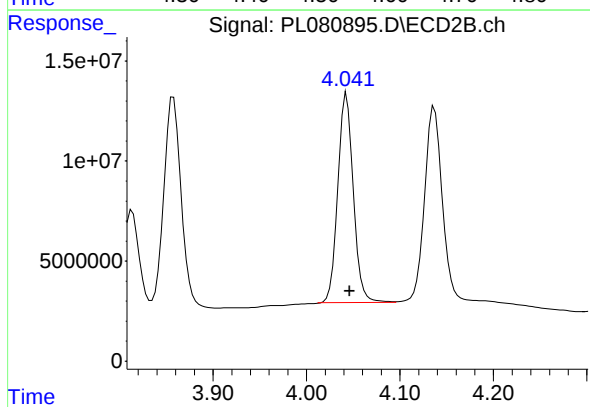
#7 delta-BHC

R.T.: 4.567 min
Delta R.T.: -0.001 min
Response: 129033152
Conc: 44.57 ng/ml

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

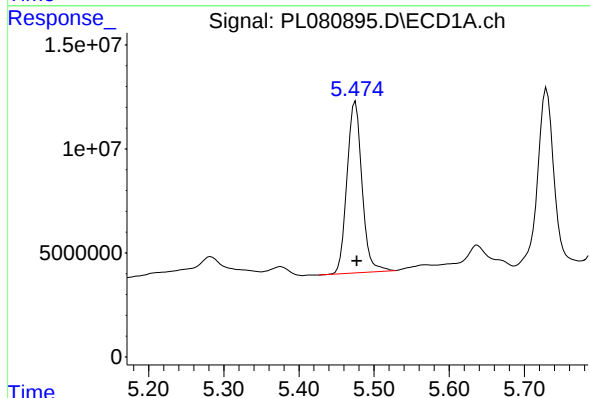
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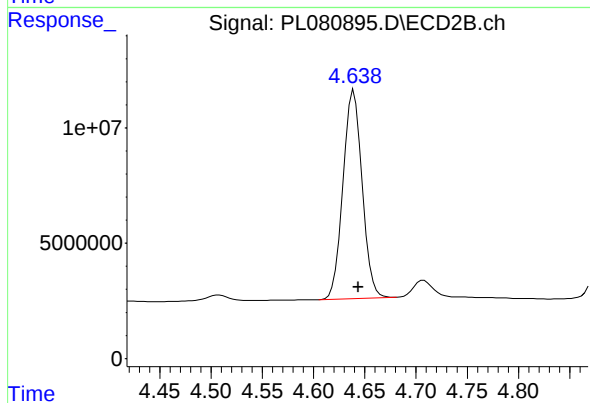
#7 delta-BHC

R.T.: 4.041 min
Delta R.T.: -0.005 min
Response: 120784614
Conc: 41.87 ng/ml



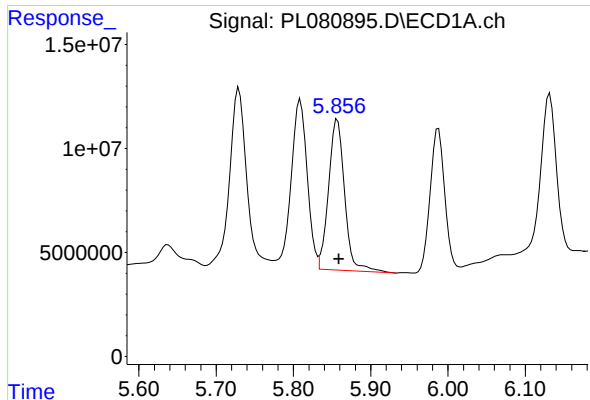
#8 Heptachlor epoxide

R.T.: 5.475 min
Delta R.T.: -0.002 min
Response: 114321465
Conc: 44.19 ng/ml



#8 Heptachlor epoxide

R.T.: 4.639 min
Delta R.T.: -0.005 min
Response: 116908445
Conc: 42.02 ng/ml



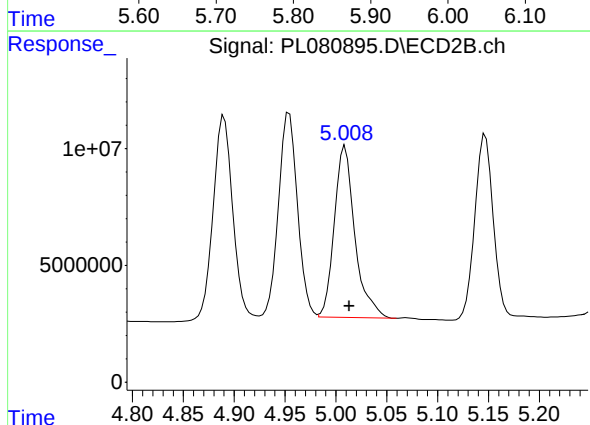
#9 Endosulfan I

R.T.: 5.857 min
Delta R.T.: -0.002 min
Response: 105693156
Conc: 44.76 ng/ml

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

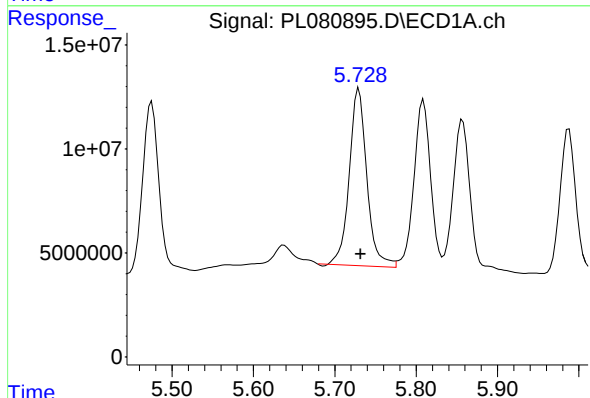
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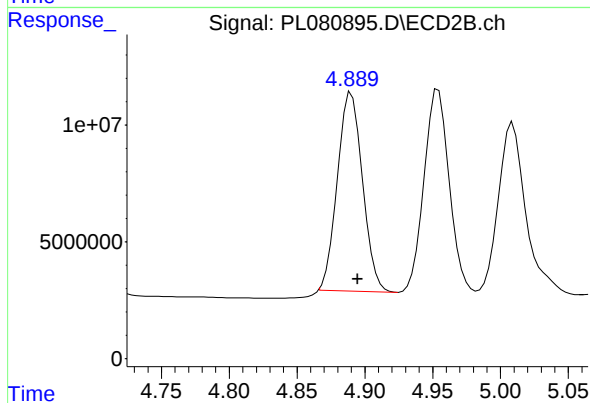
#9 Endosulfan I

R.T.: 5.009 min
Delta R.T.: -0.004 min
Response: 103312883
Conc: 39.72 ng/ml



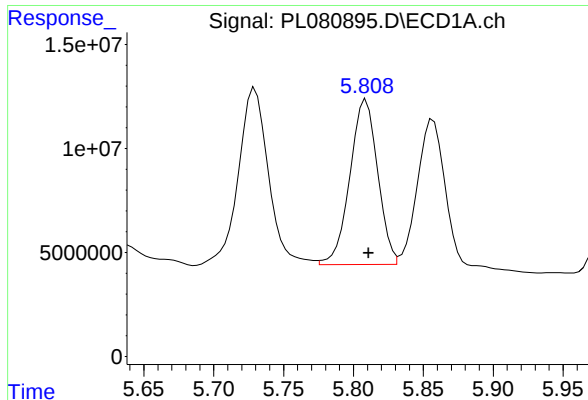
#10 gamma-Chlordane

R.T.: 5.730 min
Delta R.T.: -0.002 min
Response: 128696888
Conc: 50.95 ng/ml



#10 gamma-Chlordane

R.T.: 4.890 min
Delta R.T.: -0.005 min
Response: 109702683
Conc: 38.71 ng/ml



#11 alpha-Chlordane

R.T.: 5.808 min
Delta R.T.: -0.003 min
Response: 109545022
Conc: 43.40 ng/ml

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

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#11 alpha-Chlordane

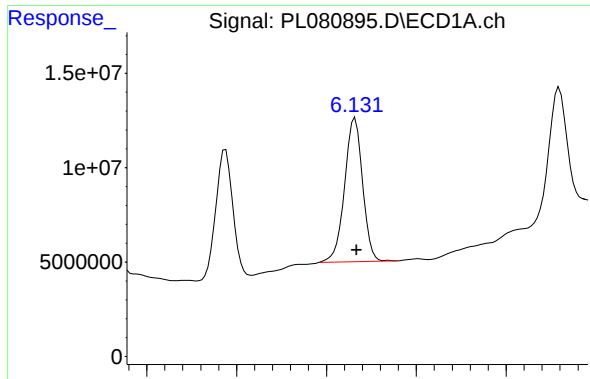
R.T.: 4.954 min
Delta R.T.: -0.005 min
Response: 113032800
Conc: 39.46 ng/ml

#12 4,4'-DDE

R.T.: 5.988 min
Delta R.T.: -0.001 min
Response: 86524534
Conc: 38.85 ng/ml

#12 4,4'-DDE

R.T.: 5.147 min
Delta R.T.: -0.005 min
Response: 100046871
Conc: 42.41 ng/ml



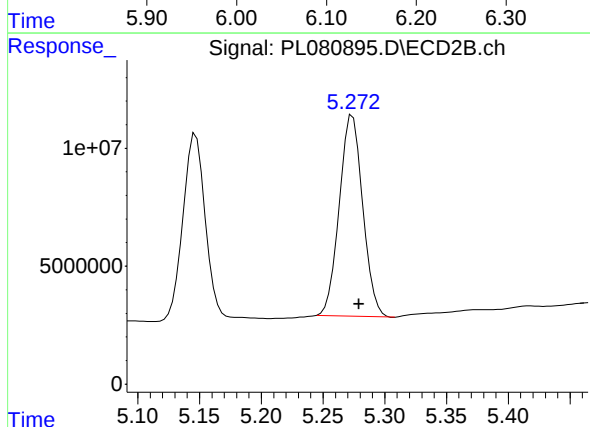
#13 Dieldrin

R.T.: 6.132 min
Delta R.T.: -0.002 min
Response: 106221403
Conc: 44.38 ng/ml

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

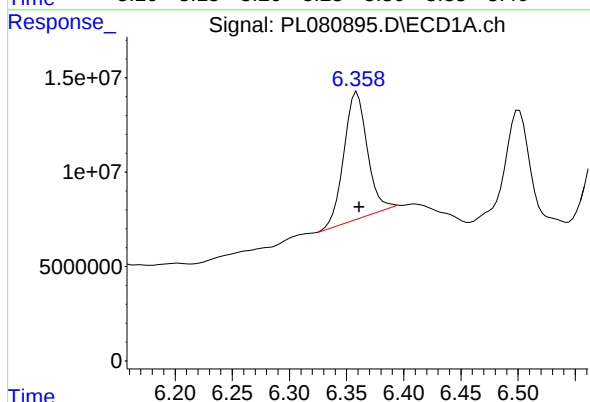
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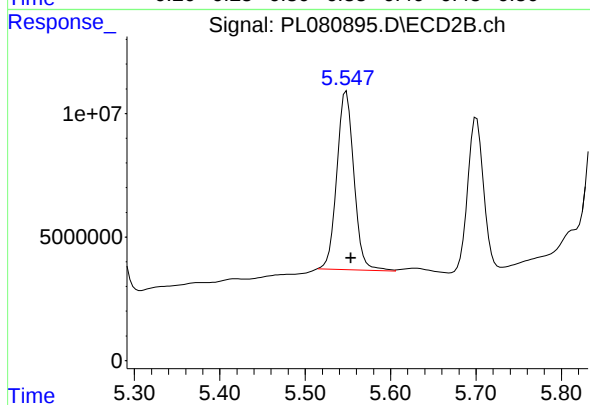
#13 Dieldrin

R.T.: 5.274 min
Delta R.T.: -0.005 min
Response: 112629356
Conc: 41.64 ng/ml



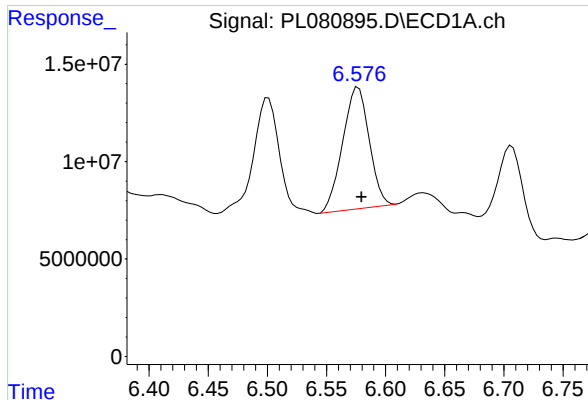
#14 Endrin

R.T.: 6.358 min
Delta R.T.: -0.003 min
Response: 96781256
Conc: 44.75 ng/ml m



#14 Endrin

R.T.: 5.548 min
Delta R.T.: -0.005 min
Response: 99952426
Conc: 43.06 ng/ml



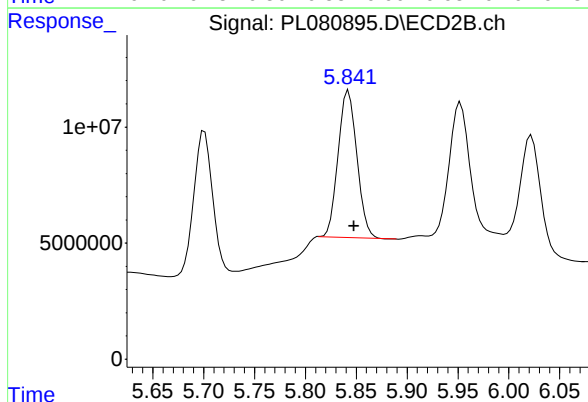
#15 Endosulfan II

R.T.: 6.577 min
Delta R.T.: -0.003 min
Response: 96999478
Conc: 42.31 ng/ml

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

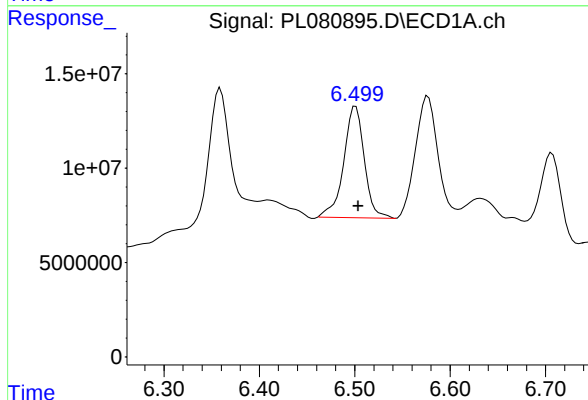
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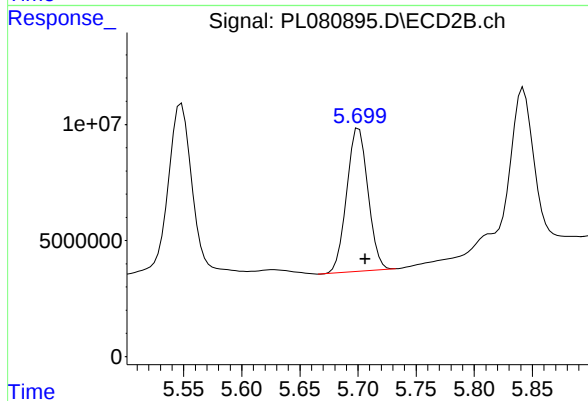
#15 Endosulfan II

R.T.: 5.842 min
Delta R.T.: -0.005 min
Response: 81348085
Conc: 39.04 ng/ml



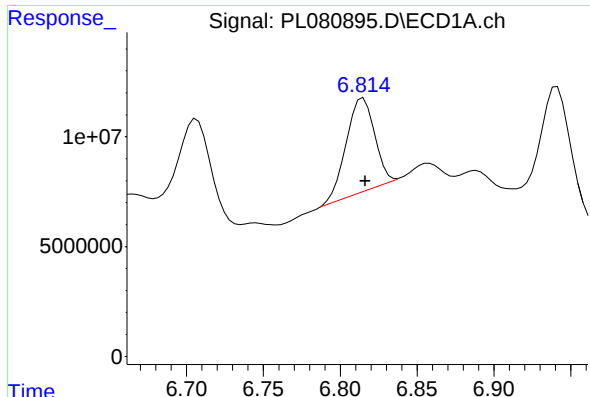
#16 4,4'-DDD

R.T.: 6.501 min
Delta R.T.: -0.003 min
Response: 88909498
Conc: 48.53 ng/ml



#16 4,4'-DDD

R.T.: 5.701 min
Delta R.T.: -0.006 min
Response: 78013245
Conc: 41.51 ng/ml



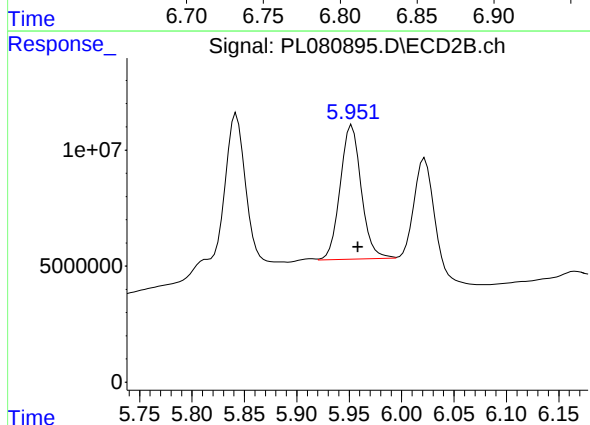
#17 4,4'-DDT

R.T.: 6.814 min
Delta R.T.: -0.003 min
Response: 55316678
Conc: 26.62 ng/ml

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

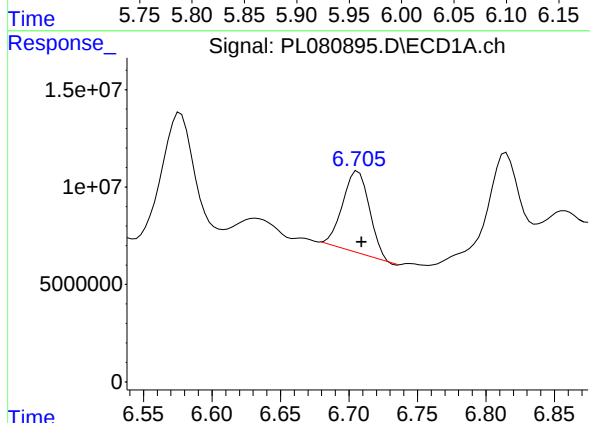
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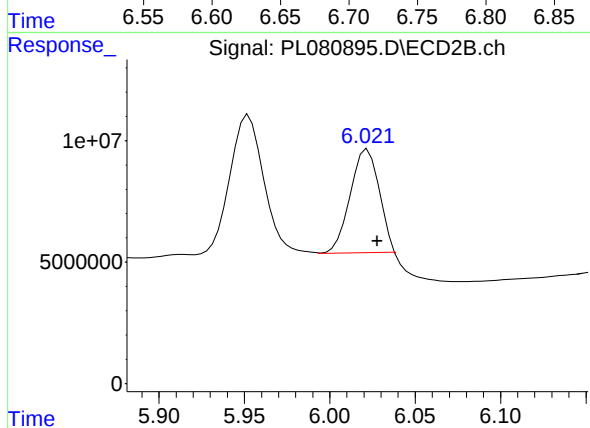
#17 4,4'-DDT

R.T.: 5.951 min
Delta R.T.: -0.007 min
Response: 80937419
Conc: 38.51 ng/ml



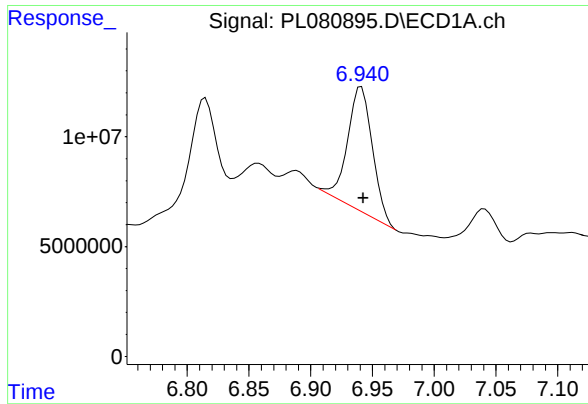
#18 Endrin aldehyde

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 57371141
Conc: 34.49 ng/ml



#18 Endrin aldehyde

R.T.: 6.021 min
Delta R.T.: -0.007 min
Response: 50279081
Conc: 27.53 ng/ml



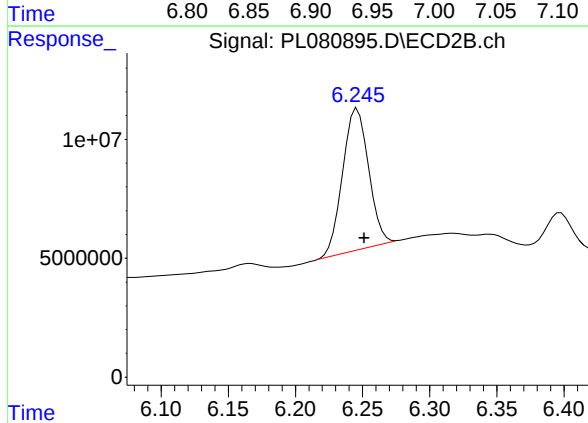
#19 Endosulfan Sulfate

R.T.: 6.940 min
Delta R.T.: -0.003 min
Response: 78527420
Conc: 37.94 ng/ml

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

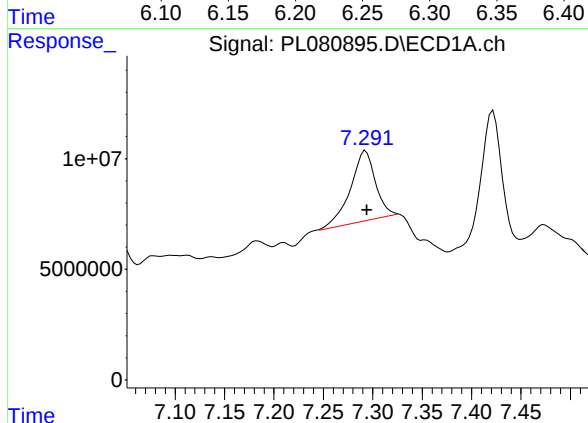
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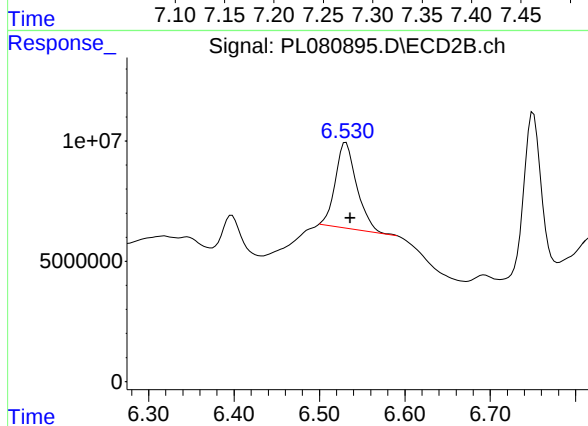
#19 Endosulfan Sulfate

R.T.: 6.245 min
Delta R.T.: -0.007 min
Response: 80927235
Conc: 34.80 ng/ml



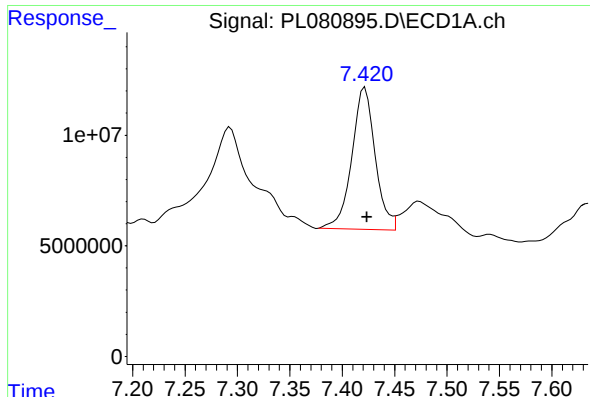
#20 Methoxychlor

R.T.: 7.291 min
Delta R.T.: -0.003 min
Response: 56062444
Conc: 50.81 ng/ml



#20 Methoxychlor

R.T.: 6.531 min
Delta R.T.: -0.005 min
Response: 61445454
Conc: 50.64 ng/ml



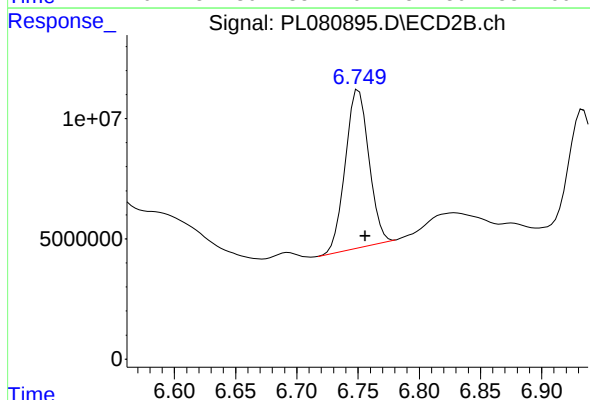
#21 Endrin ketone

R.T.: 7.422 min
Delta R.T.: -0.002 min
Response: 100004389
Conc: 45.33 ng/ml

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

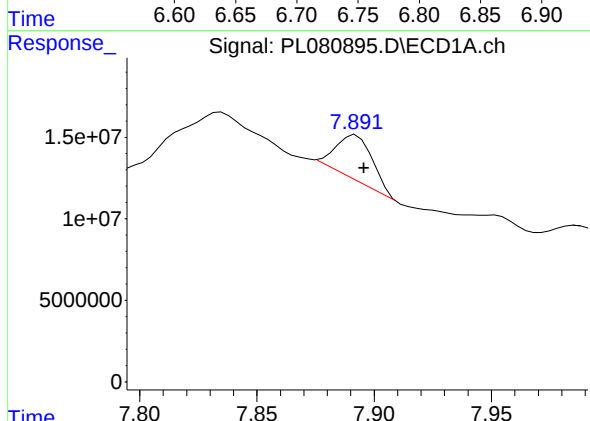
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Supervised By :Ankita Jodhani 02/14/2023



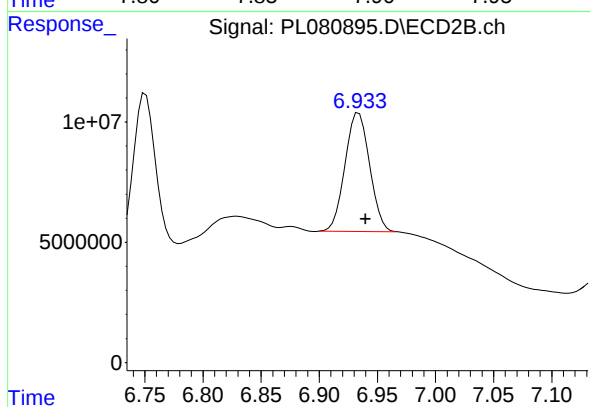
#21 Endrin ketone

R.T.: 6.751 min
Delta R.T.: -0.005 min
Response: 88035485
Conc: 34.48 ng/ml



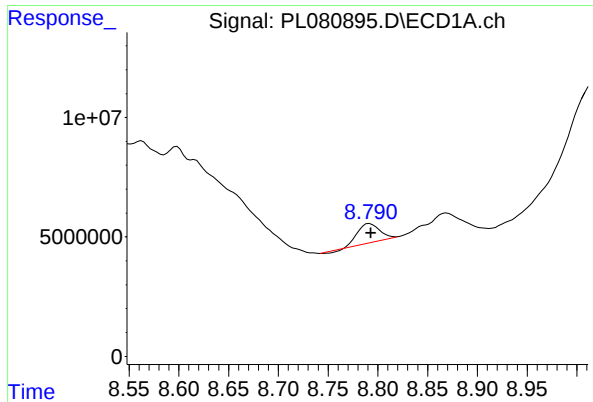
#22 Mirex

R.T.: 7.891 min
Delta R.T.: -0.004 min
Response: 28708670
Conc: 16.69 ng/ml m



#22 Mirex

R.T.: 6.933 min
Delta R.T.: -0.008 min
Response: 72363719
Conc: 31.78 ng/ml m



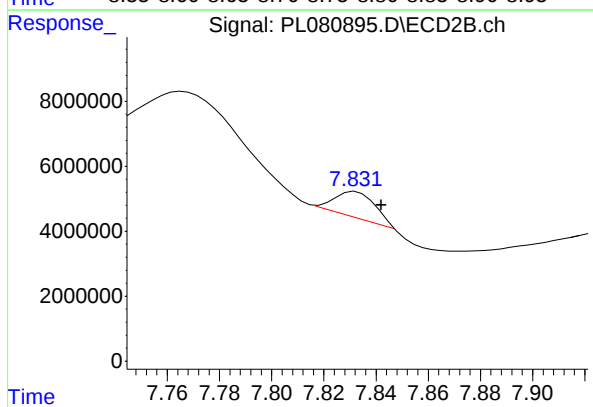
#28 Decachlorobiphenyl

R.T.: 8.792 min
Delta R.T.: -0.001 min
Response: 11444961
Conc: 6.54 ng/ml

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

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.831 min
Delta R.T.: -0.011 min
Response: 8401902
Conc: 3.53 ng/ml m