

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021023\
 Data File : PL080849.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Feb 2023 14:14
 Operator : AR\AJ
 Sample : PB150752BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB150752BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/13/2023
 Supervised By : Ankita Jodhani 02/13/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 10 21:50:53 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...	3.351	2.689	53529903	52420101	24.958	23.866
2)	SA Decachlor...	8.788	7.834	44566083	52274608	25.455	21.941
Target Compounds							
2)	A alpha-BHC	3.800	3.189	160.6E6	152.8E6	50.705	48.038
3)	MA gamma-BHC...	4.128	3.517	149.4E6	142.7E6	50.808	47.785
4)	MA Heptachlor	4.712	3.858	145.9E6	144.4E6	49.356	45.379
5)	MB Aldrin	5.050	4.137	136.1E6	138.3E6	49.749	46.878
6)	B beta-BHC	4.324	3.813	65425909	62241192	47.930	46.636
7)	B delta-BHC	4.567	4.043	136.9E6	127.0E6	47.287	44.019
8)	B Heptachlo...	5.475	4.639	127.0E6	129.5E6	49.080	46.530
9)	A Endosulfan I	5.856	5.008	115.2E6	118.2E6	48.802	45.427
10)	B gamma-Chl...	5.729	4.888	125.0E6	130.0E6	49.497	45.868m
11)	B alpha-Chl...	5.808	4.954	123.4E6	127.5E6	48.889	44.515
12)	B 4,4'-DDE	5.987	5.145	111.9E6	112.8E6	50.217	47.827m
13)	MA Dieldrin	6.131	5.272	119.8E6	123.4E6	50.069	45.628m
14)	MA Endrin	6.358	5.548	105.4E6	106.8E6	48.732	46.008
15)	B Endosulfa...	6.577	5.842	98602528	101.0E6	43.014	48.492
16)	A 4,4'-DDD	6.501	5.700	97380488	97988121	53.156	52.143
17)	MA 4,4'-DDT	6.814	5.951	84975273	84294694	40.899	40.112
18)	B Endrin al...	6.707	6.022	80461513	81807087	48.372	44.799
19)	B Endosulfa...	6.940	6.245	100.2E6	104.6E6	48.395	44.987
20)	A Methoxychlor	7.291	6.529	46050880	48011231	41.740	39.565
21)	B Endrin ke...	7.420	6.750	105.5E6	116.0E6	47.826	45.451
22)	Mirex	7.892	6.933	80913390	97638468	47.048	42.885

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012023\
Data File : PL080849.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Feb 2023 14:14
Operator : AR\AJ
Sample : PB150752BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

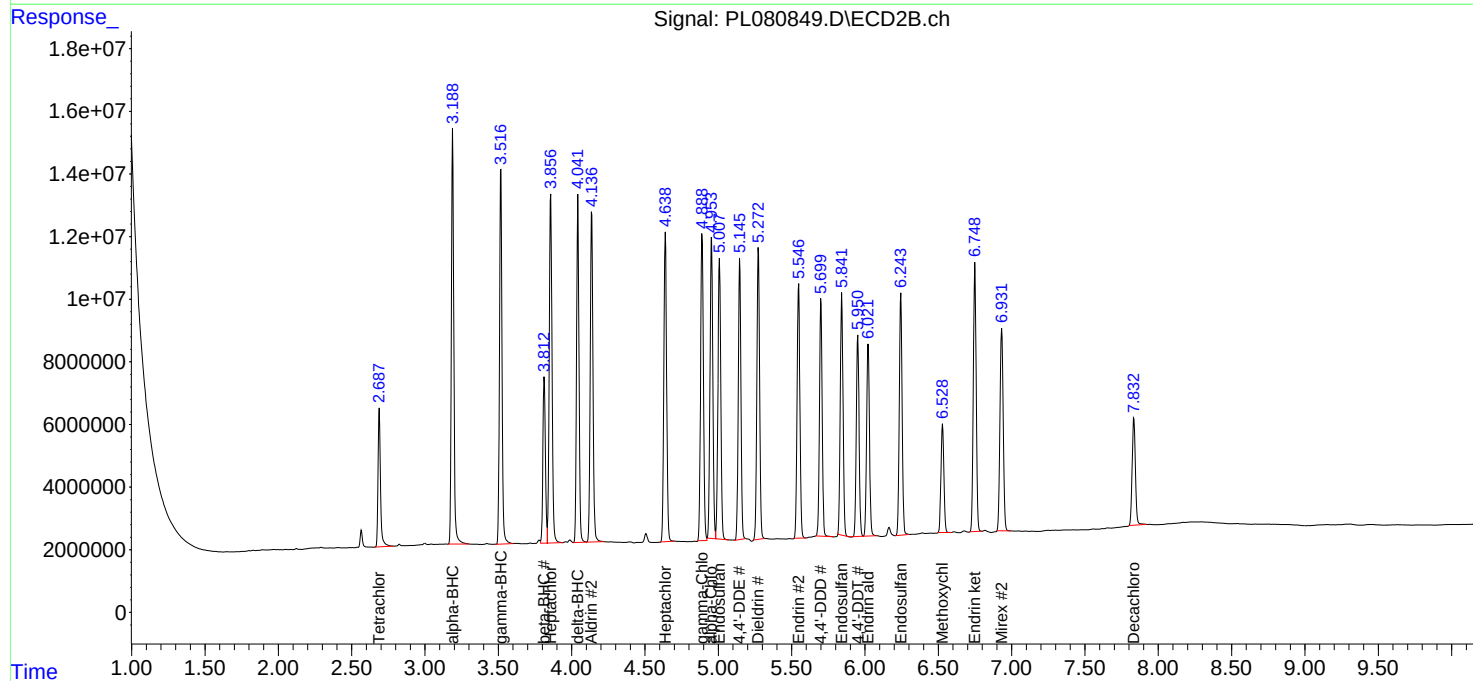
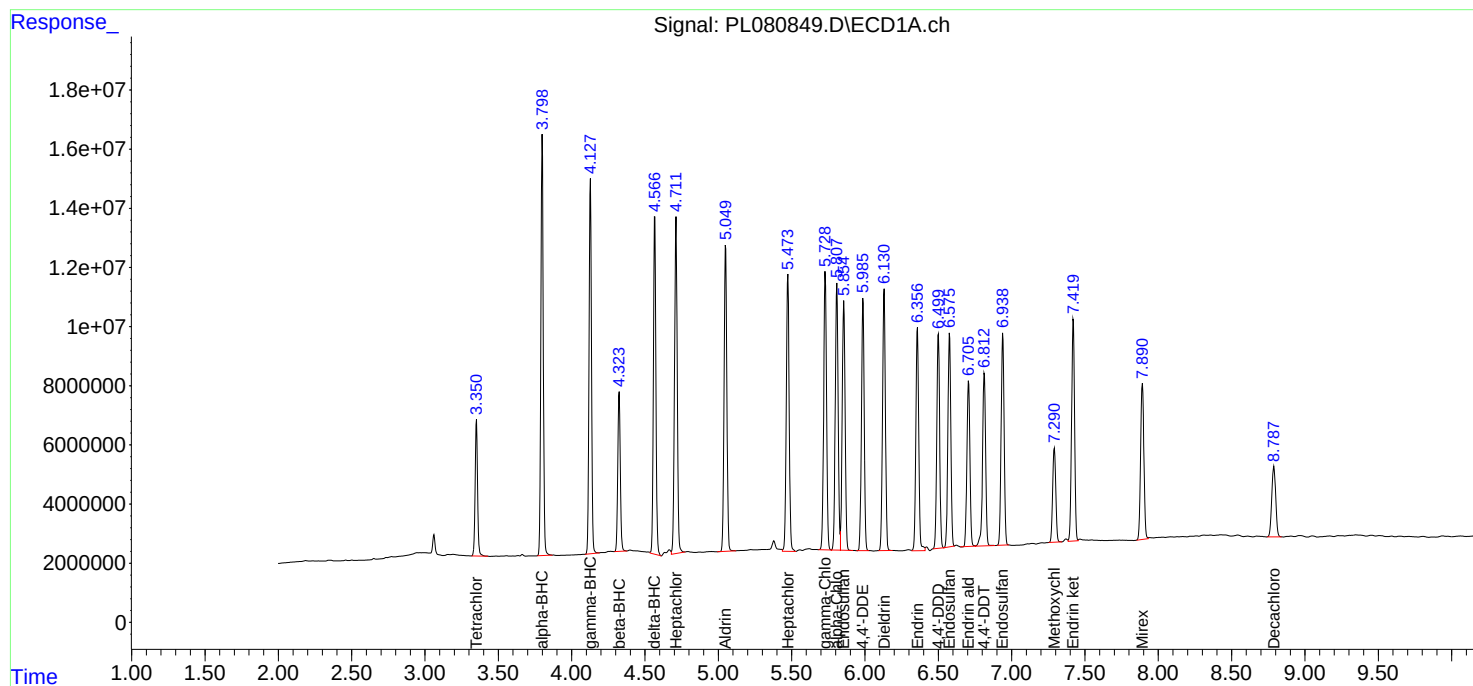
Instrument :
ECD_L
ClientSampleId :
PB150752BS

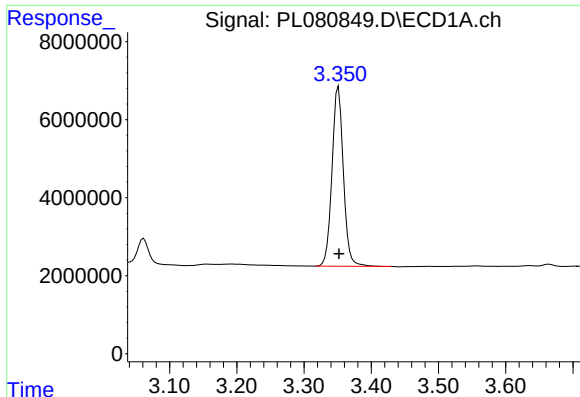
Manual Integrations
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Reviewed By :Abdul Mirza 02/13/2023
Supervised By :Ankita Jodhani 02/13/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 10 21:50:53 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





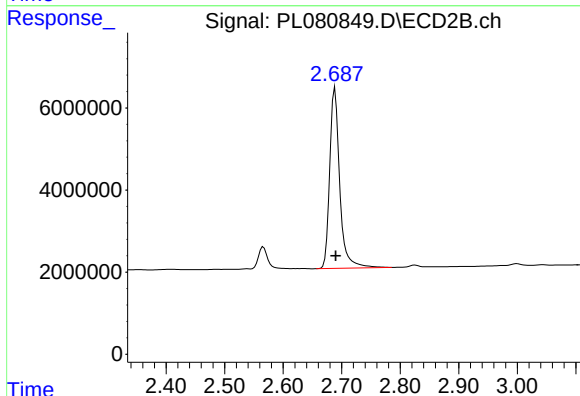
#1 Tetrachloro-m-xylene

R.T.: 3.351 min
Delta R.T.: 0.000 min
Response: 53529903
Conc: 24.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150752BS

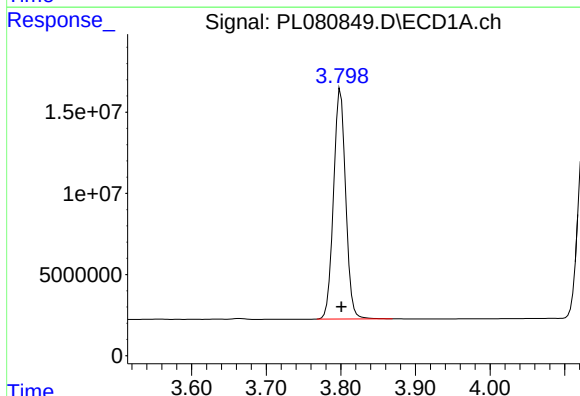
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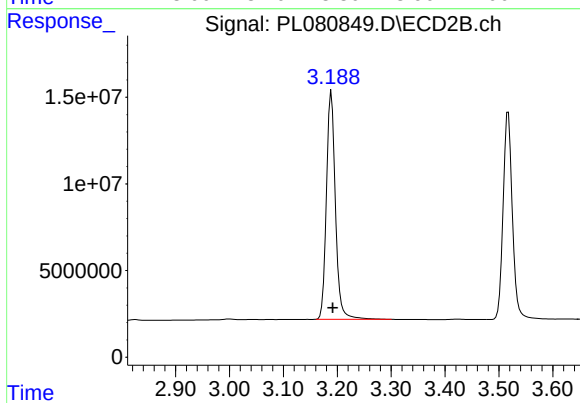
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: -0.001 min
Response: 52420101
Conc: 23.87 ng/ml



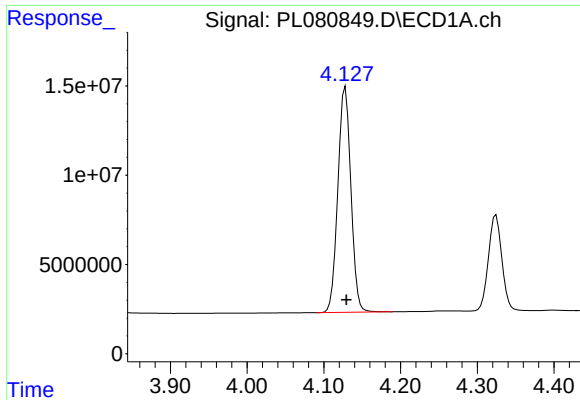
#2 alpha-BHC

R.T.: 3.800 min
Delta R.T.: -0.001 min
Response: 160633285
Conc: 50.70 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.002 min
Response: 152779183
Conc: 48.04 ng/ml



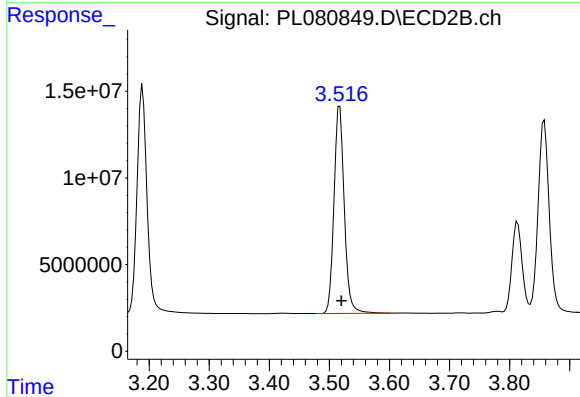
#3 gamma-BHC (Lindane)

R.T.: 4.128 min
Delta R.T.: -0.001 min
Response: 149364460
Conc: 50.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150752BS

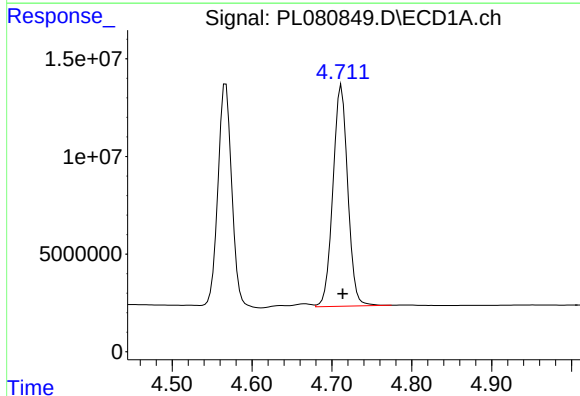
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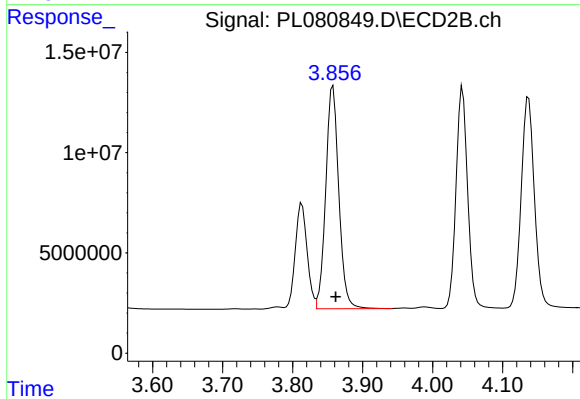
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.003 min
Response: 142749848
Conc: 47.79 ng/ml



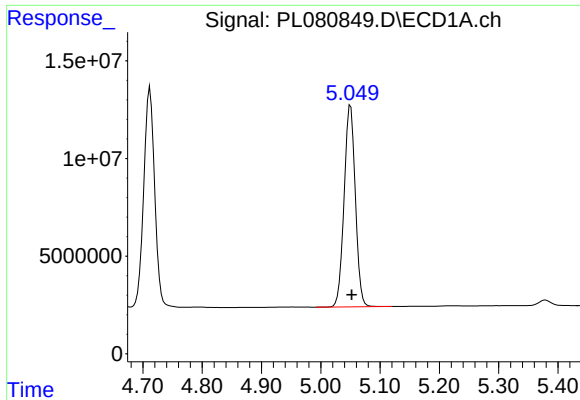
#4 Heptachlor

R.T.: 4.712 min
Delta R.T.: -0.002 min
Response: 145856944
Conc: 49.36 ng/ml



#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.004 min
Response: 144412751
Conc: 45.38 ng/ml



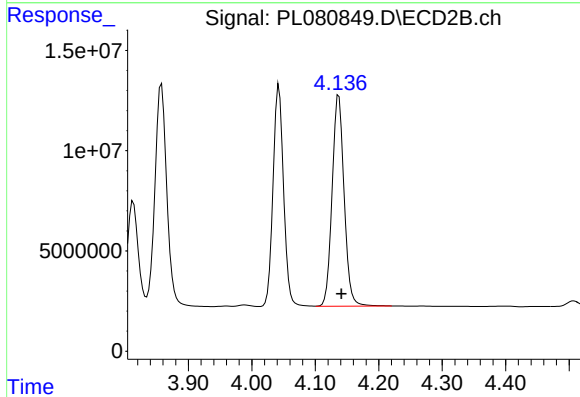
#5 Aldrin

R.T.: 5.050 min
Delta R.T.: -0.002 min
Response: 136101945
Conc: 49.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150752BS

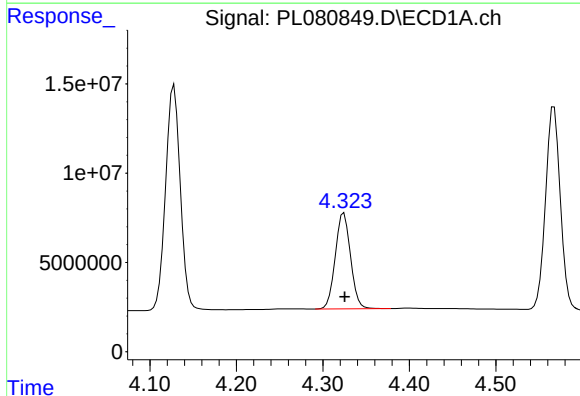
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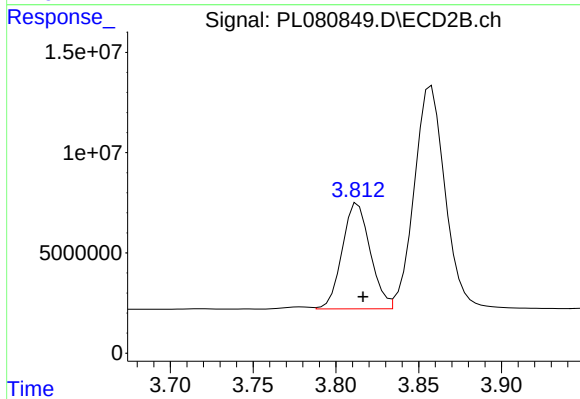
#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.004 min
Response: 138268954
Conc: 46.88 ng/ml



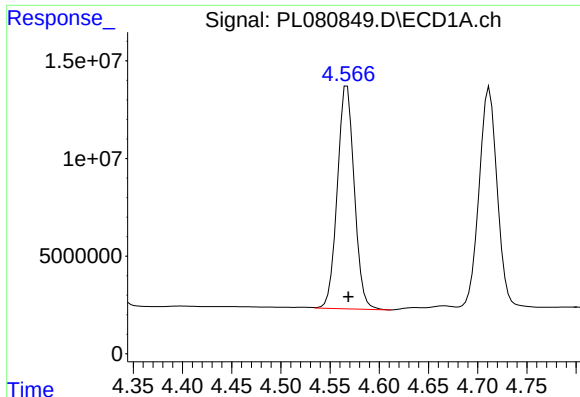
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 65425909
Conc: 47.93 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.003 min
Response: 62241192
Conc: 46.64 ng/ml



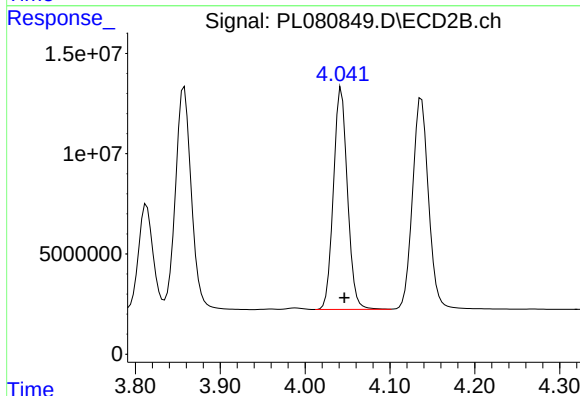
#7 delta-BHC

R.T.: 4.567 min
Delta R.T.: -0.001 min
Response: 136895385
Conc: 47.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150752BS

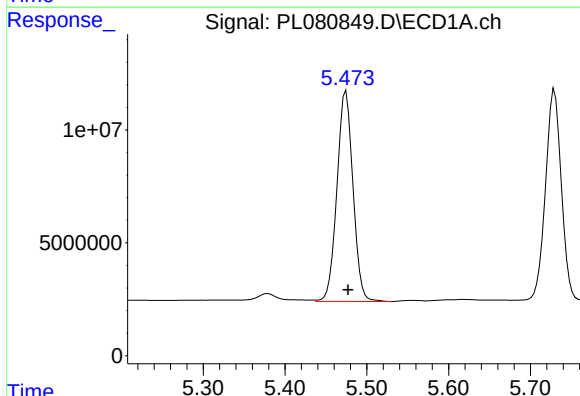
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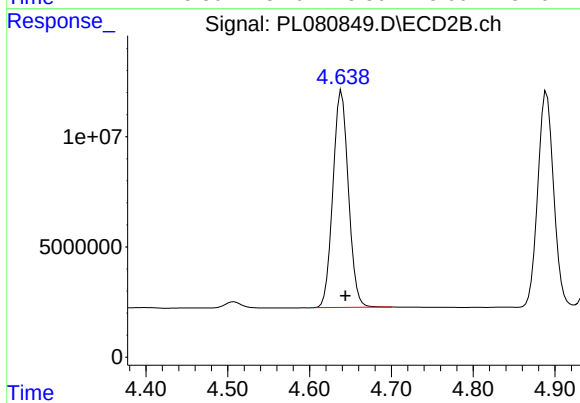
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.004 min
Response: 126970585
Conc: 44.02 ng/ml



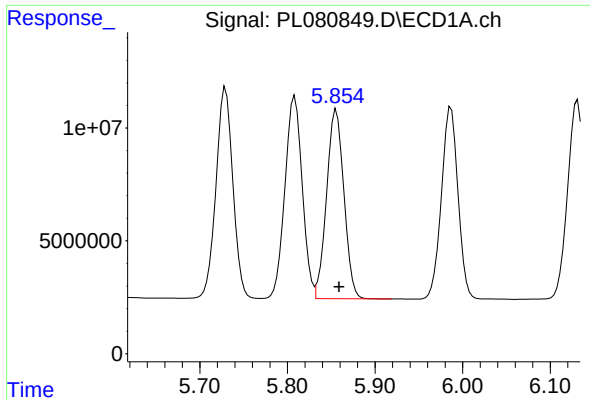
#8 Heptachlor epoxide

R.T.: 5.475 min
Delta R.T.: -0.002 min
Response: 126973339
Conc: 49.08 ng/ml



#8 Heptachlor epoxide

R.T.: 4.639 min
Delta R.T.: -0.005 min
Response: 129462228
Conc: 46.53 ng/ml



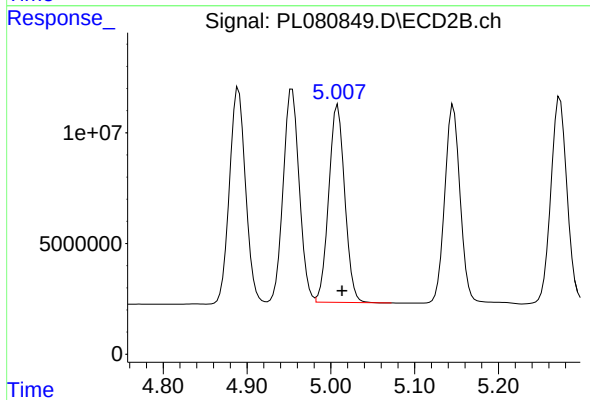
#9 Endosulfan I

R.T.: 5.856 min
Delta R.T.: -0.003 min
Response: 115243983
Conc: 48.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150752BS

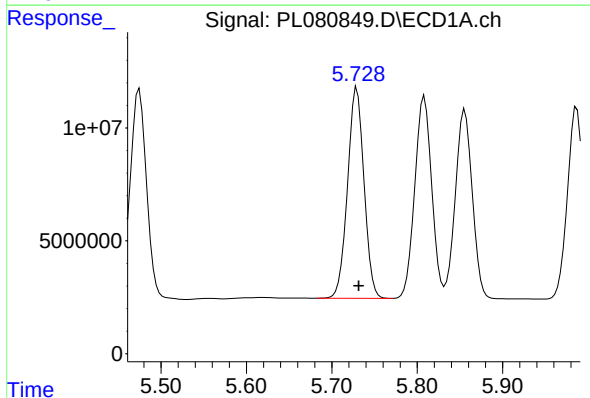
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Supervised By :Ankita Jodhani 02/13/2023



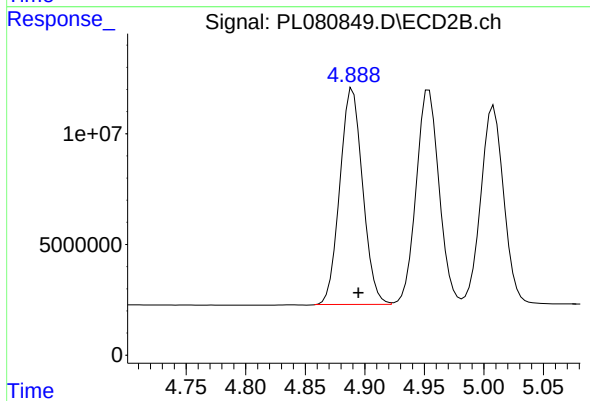
#9 Endosulfan I

R.T.: 5.008 min
Delta R.T.: -0.005 min
Response: 118170844
Conc: 45.43 ng/ml



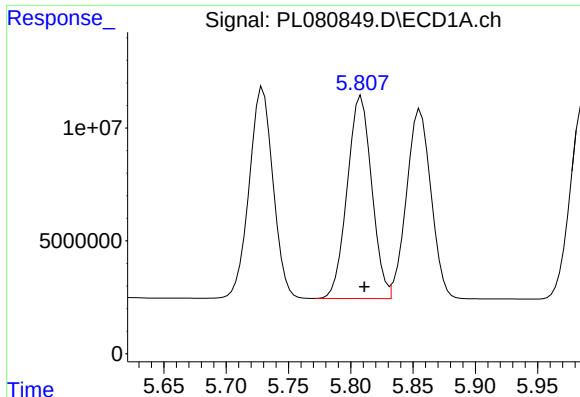
#10 gamma-Chlordane

R.T.: 5.729 min
Delta R.T.: -0.002 min
Response: 125014969
Conc: 49.50 ng/ml



#10 gamma-Chlordane

R.T.: 4.888 min
Delta R.T.: -0.006 min
Response: 129999543
Conc: 45.87 ng/ml m



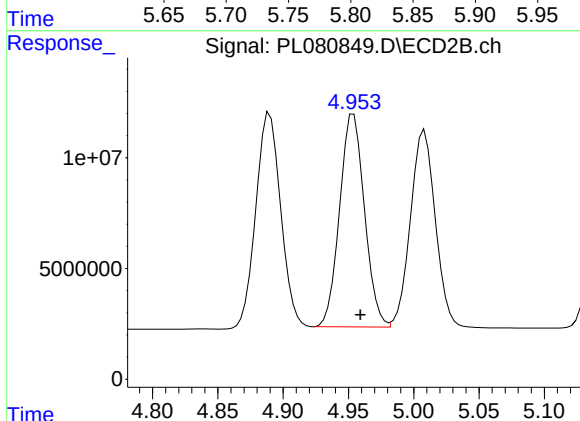
#11 alpha-Chlordane

R.T.: 5.808 min
Delta R.T.: -0.003 min
Response: 123408032
Conc: 48.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150752BS

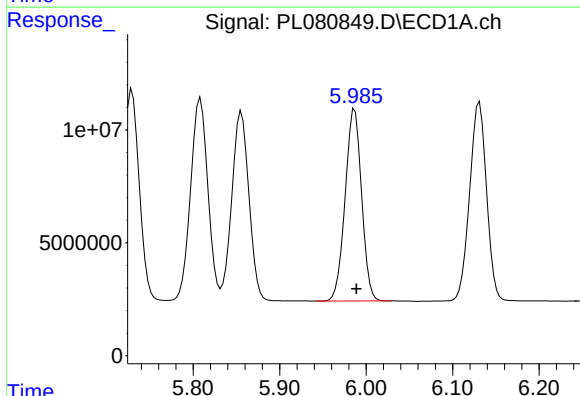
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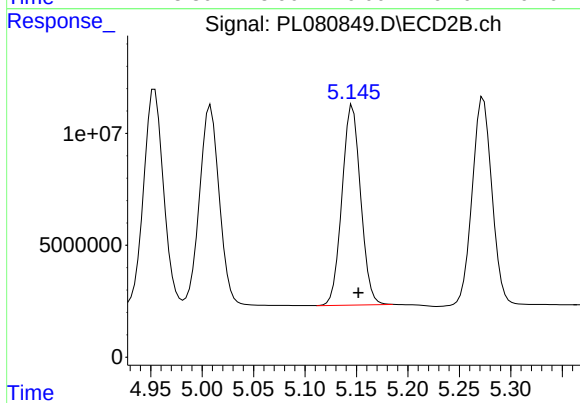
#11 alpha-Chlordane

R.T.: 4.954 min
Delta R.T.: -0.005 min
Response: 127520948
Conc: 44.51 ng/ml



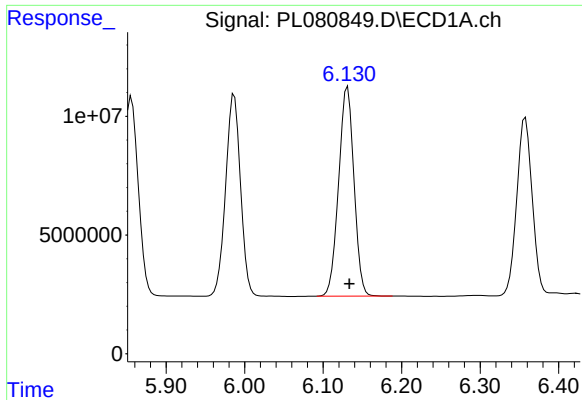
#12 4,4'-DDE

R.T.: 5.987 min
Delta R.T.: -0.002 min
Response: 111850970
Conc: 50.22 ng/ml



#12 4,4'-DDE

R.T.: 5.145 min
Delta R.T.: -0.007 min
Response: 112816305
Conc: 47.83 ng/ml m



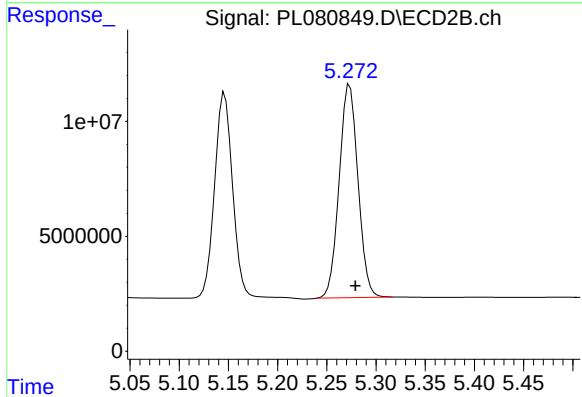
#13 Dieldrin

R.T.: 6.131 min
Delta R.T.: -0.002 min
Response: 119833261
Conc: 50.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150752BS

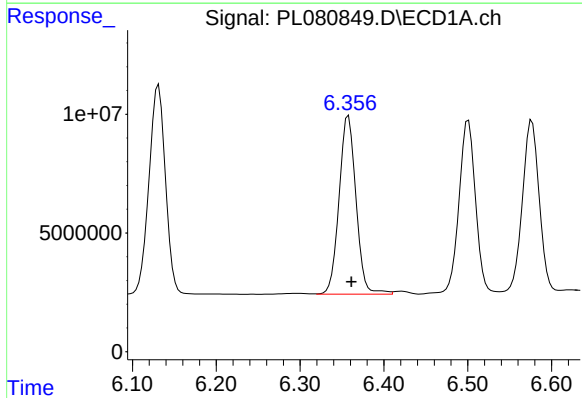
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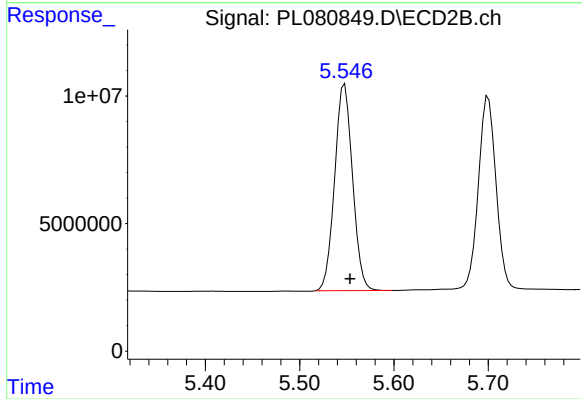
#13 Dieldrin

R.T.: 5.272 min
Delta R.T.: -0.007 min
Response: 123421828
Conc: 45.63 ng/ml m



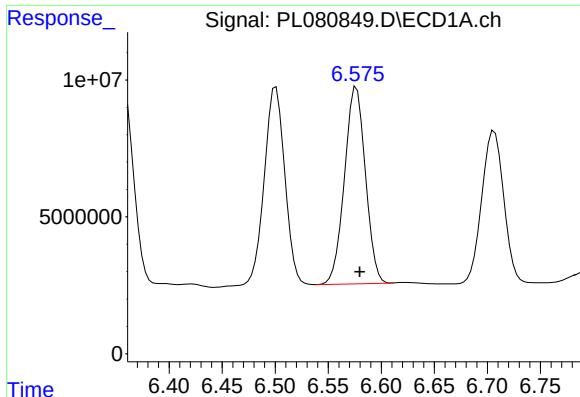
#14 Endrin

R.T.: 6.358 min
Delta R.T.: -0.004 min
Response: 105392498
Conc: 48.73 ng/ml



#14 Endrin

R.T.: 5.548 min
Delta R.T.: -0.006 min
Response: 106792045
Conc: 46.01 ng/ml



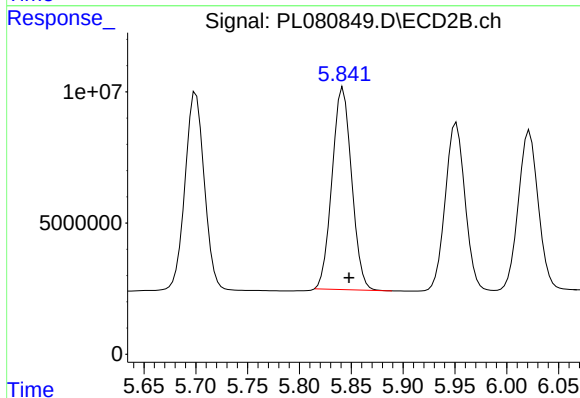
#15 Endosulfan II

R.T.: 6.577 min
Delta R.T.: -0.003 min
Response: 98602528
Conc: 43.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150752BS

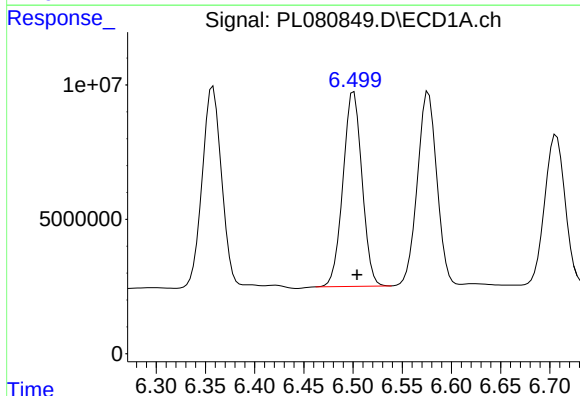
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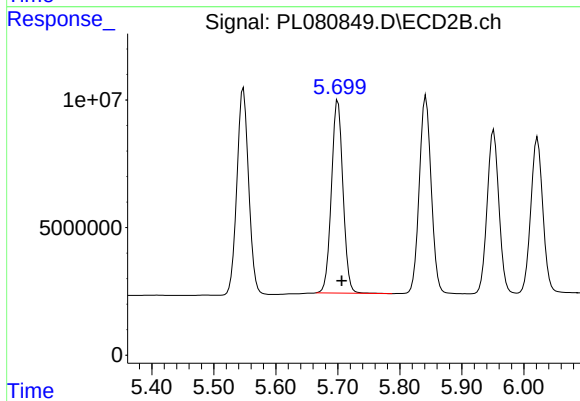
#15 Endosulfan II

R.T.: 5.842 min
Delta R.T.: -0.006 min
Response: 101043706
Conc: 48.49 ng/ml



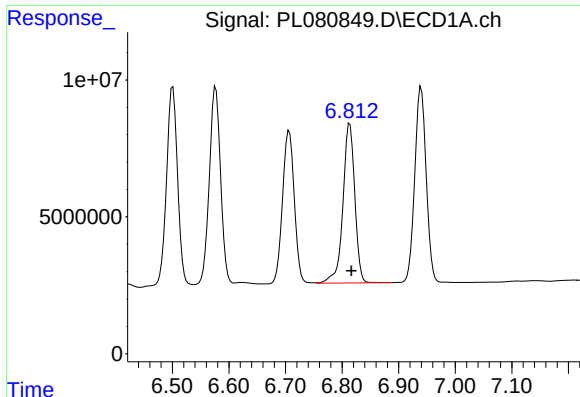
#16 4,4'-DDD

R.T.: 6.501 min
Delta R.T.: -0.003 min
Response: 97380488
Conc: 53.16 ng/ml



#16 4,4'-DDD

R.T.: 5.700 min
Delta R.T.: -0.006 min
Response: 97988121
Conc: 52.14 ng/ml



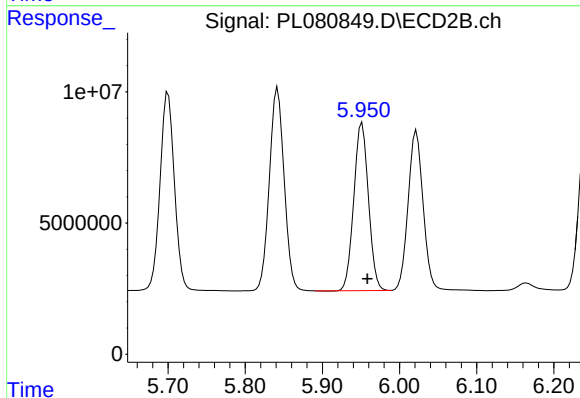
#17 4,4'-DDT

R.T.: 6.814 min
Delta R.T.: -0.003 min
Response: 84975273
Conc: 40.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150752BS

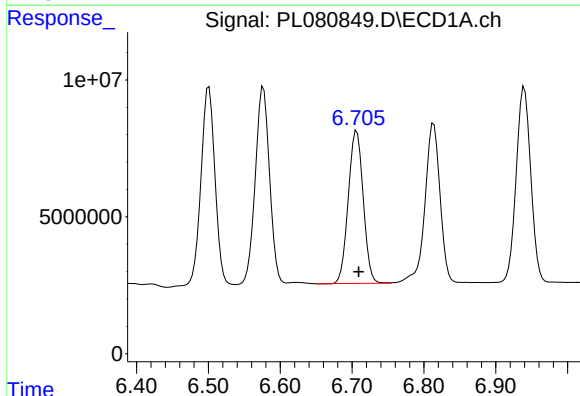
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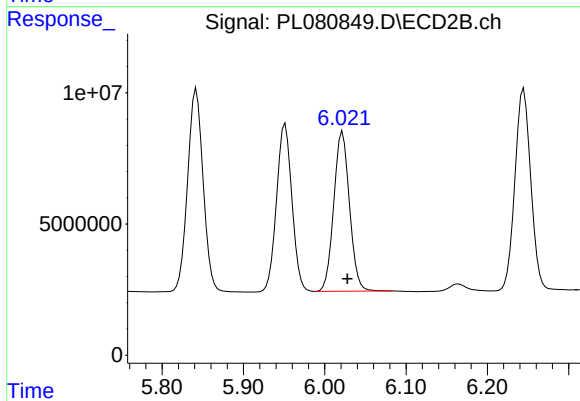
#17 4,4'-DDT

R.T.: 5.951 min
Delta R.T.: -0.007 min
Response: 84294694
Conc: 40.11 ng/ml



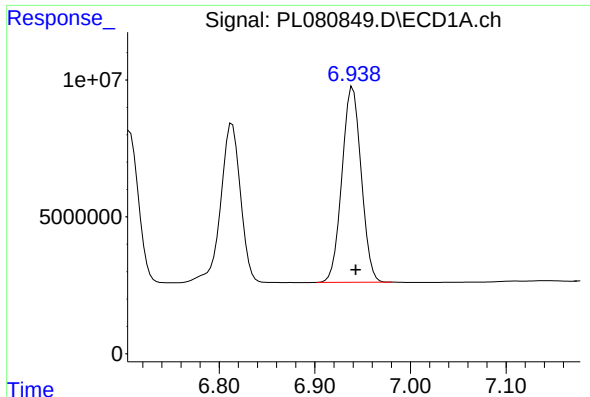
#18 Endrin aldehyde

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 80461513
Conc: 48.37 ng/ml



#18 Endrin aldehyde

R.T.: 6.022 min
Delta R.T.: -0.006 min
Response: 81807087
Conc: 44.80 ng/ml



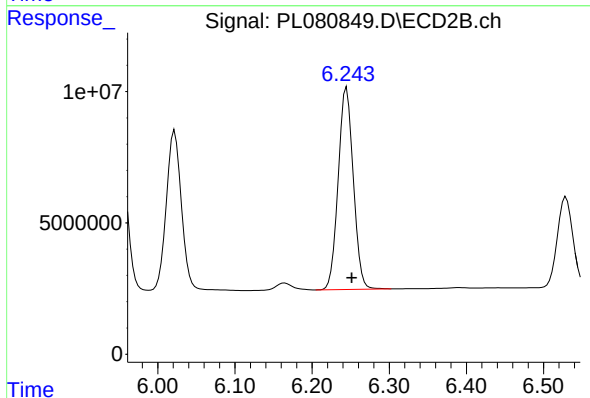
#19 Endosulfan Sulfate

R.T.: 6.940 min
Delta R.T.: -0.003 min
Response: 100173963
Conc: 48.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150752BS

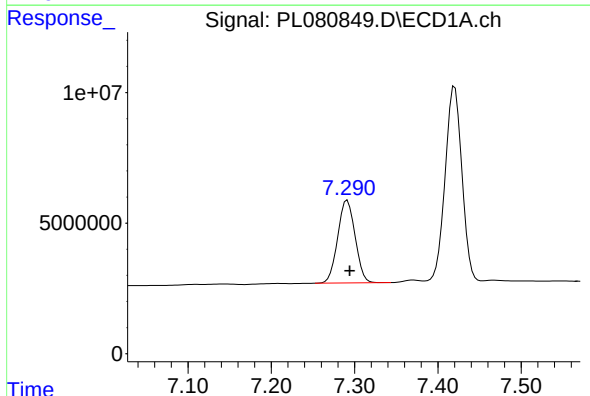
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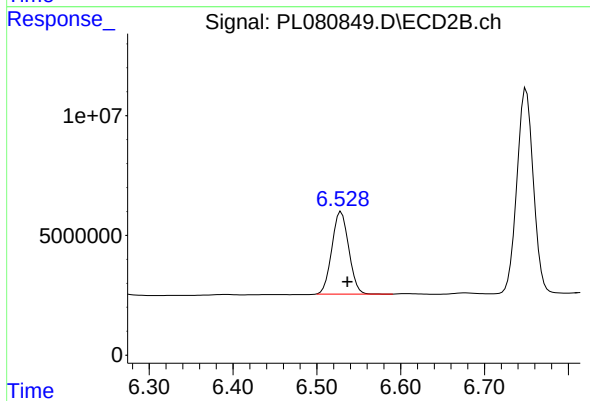
#19 Endosulfan Sulfate

R.T.: 6.245 min
Delta R.T.: -0.006 min
Response: 104625370
Conc: 44.99 ng/ml



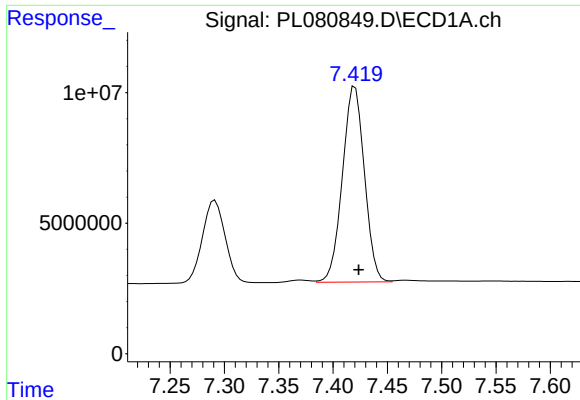
#20 Methoxychlor

R.T.: 7.291 min
Delta R.T.: -0.003 min
Response: 46050880
Conc: 41.74 ng/ml



#20 Methoxychlor

R.T.: 6.529 min
Delta R.T.: -0.007 min
Response: 48011231
Conc: 39.57 ng/ml



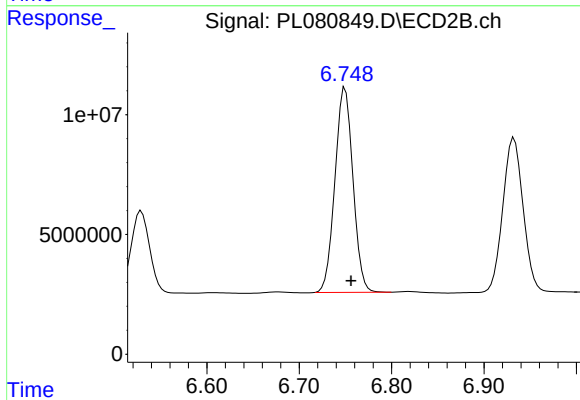
#21 Endrin ketone

R.T.: 7.420 min
Delta R.T.: -0.004 min
Response: 105521025
Conc: 47.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150752BS

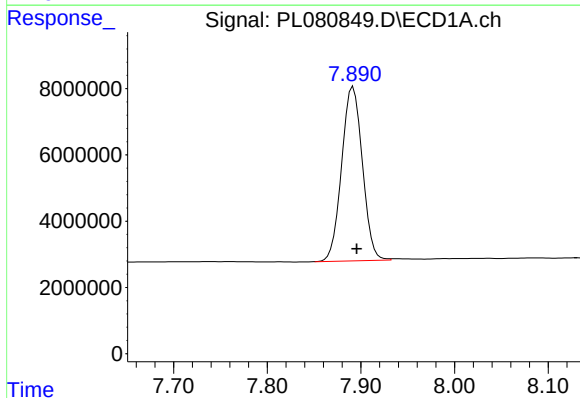
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Supervised By :Ankita Jodhani 02/13/2023



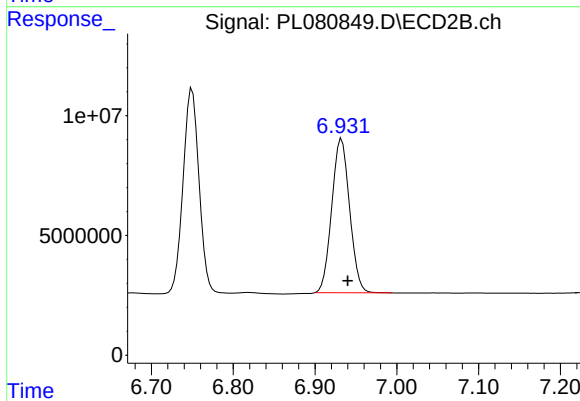
#21 Endrin ketone

R.T.: 6.750 min
Delta R.T.: -0.006 min
Response: 116045658
Conc: 45.45 ng/ml



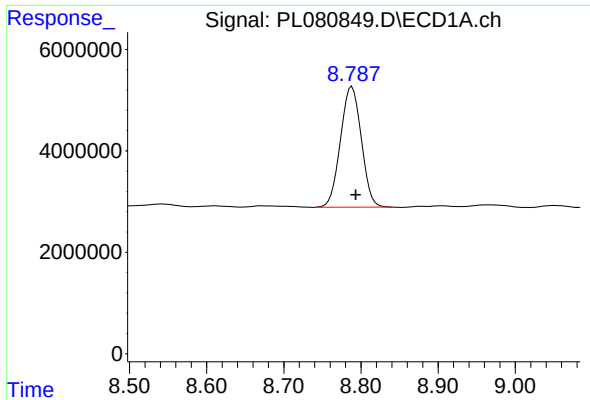
#22 Mirex

R.T.: 7.892 min
Delta R.T.: -0.004 min
Response: 80913390
Conc: 47.05 ng/ml



#22 Mirex

R.T.: 6.933 min
Delta R.T.: -0.008 min
Response: 97638468
Conc: 42.89 ng/ml



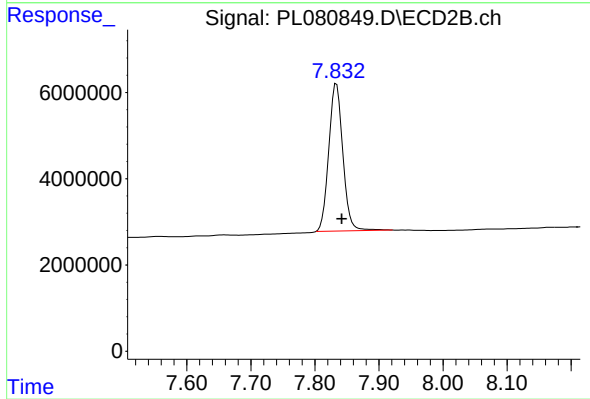
#28 Decachlorobiphenyl

R.T.: 8.788 min
Delta R.T.: -0.005 min
Response: 44566083
Conc: 25.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150752BS

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 02/13/2023



#28 Decachlorobiphenyl

R.T.: 7.834 min
Delta R.T.: -0.008 min
Response: 52274608
Conc: 21.94 ng/ml