

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013023\
 Data File : PL080601.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jan 2023 13:55
 Operator : AR\AJ
 Sample : 01353-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 72-11985MSD

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 20:46:51 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	36039279	39359664	16.803m	17.920
28) SA Decachlor...	8.787	7.834	28000145	35861154	15.993	15.052
Target Compounds						
2) A alpha-BHC	3.799	3.189	146.1E6	148.6E6	46.107	46.723
3) MA gamma-BHC...	4.128	3.518	134.3E6	138.2E6	45.694	46.259
4) MA Heptachlor	4.711	3.858	133.5E6	142.1E6	45.179	44.657
5) MB Aldrin	5.049	4.137	126.1E6	138.4E6	46.096	46.930
6) B beta-BHC	4.323	3.813	58067210	59618630	42.539	44.671
7) B delta-BHC	4.567	4.043	136.8E6	134.9E6	47.264	46.769
8) B Heptachlo...	5.474	4.640	114.8E6	124.1E6	44.369	44.596
9) A Endosulfan I	5.856	5.009	103.2E6	109.1E6	43.722	41.949
10) B gamma-Chl...	5.729	4.889	114.6E6	128.1E6	45.360	45.192m
11) B alpha-Chl...	5.808	4.955	113.7E6	123.8E6	45.033	43.202
12) B 4,4'-DDE	5.986	5.146	99858553	112.1E6	44.833	47.503m
13) MA Dieldrin	6.130	5.273	109.0E6	123.2E6	45.523	45.541m
14) MA Endrin	6.357	5.548	96950677	108.2E6	44.829	46.603
15) B Endosulfa...	6.576	5.842	95404169	99038047	41.619	47.529
16) A 4,4'-DDD	6.500	5.701	78962192	83732648	43.102	44.558
17) MA 4,4'-DDT	6.813	5.952	88013017	93805964	42.361	44.638
18) B Endrin al...	6.705	6.022	75630623	85956065	45.467	47.071
19) B Endosulfa...	6.939	6.246	89919994	102.9E6	43.441	44.254
20) A Methoxychlor	7.290	6.530	47611404	52826513	43.154	43.534
21) B Endrin ke...	7.419	6.750	95105525	110.8E6	43.105	43.398
22) Mirex	7.891	6.934	76473243	99185400	44.467	43.565

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013023\
Data File : PL080601.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jan 2023 13:55
Operator : AR\AJ
Sample : 01353-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

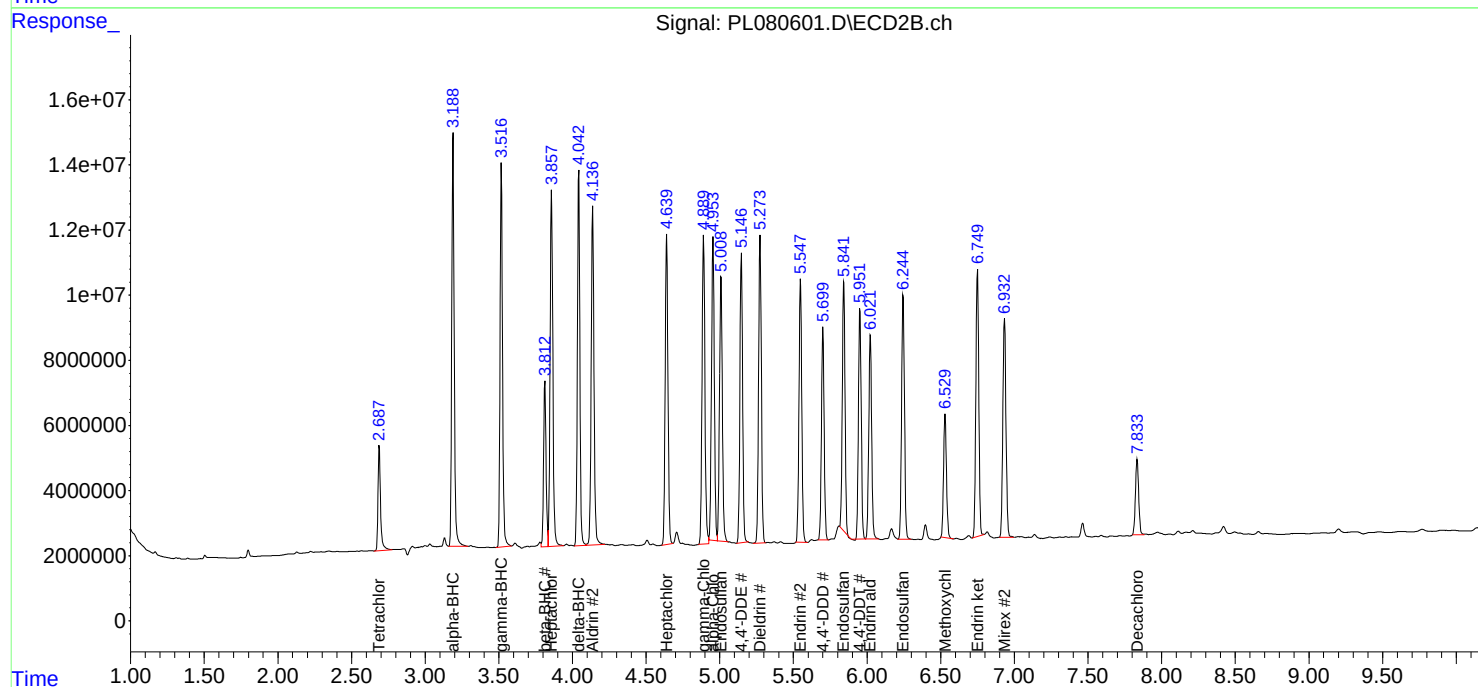
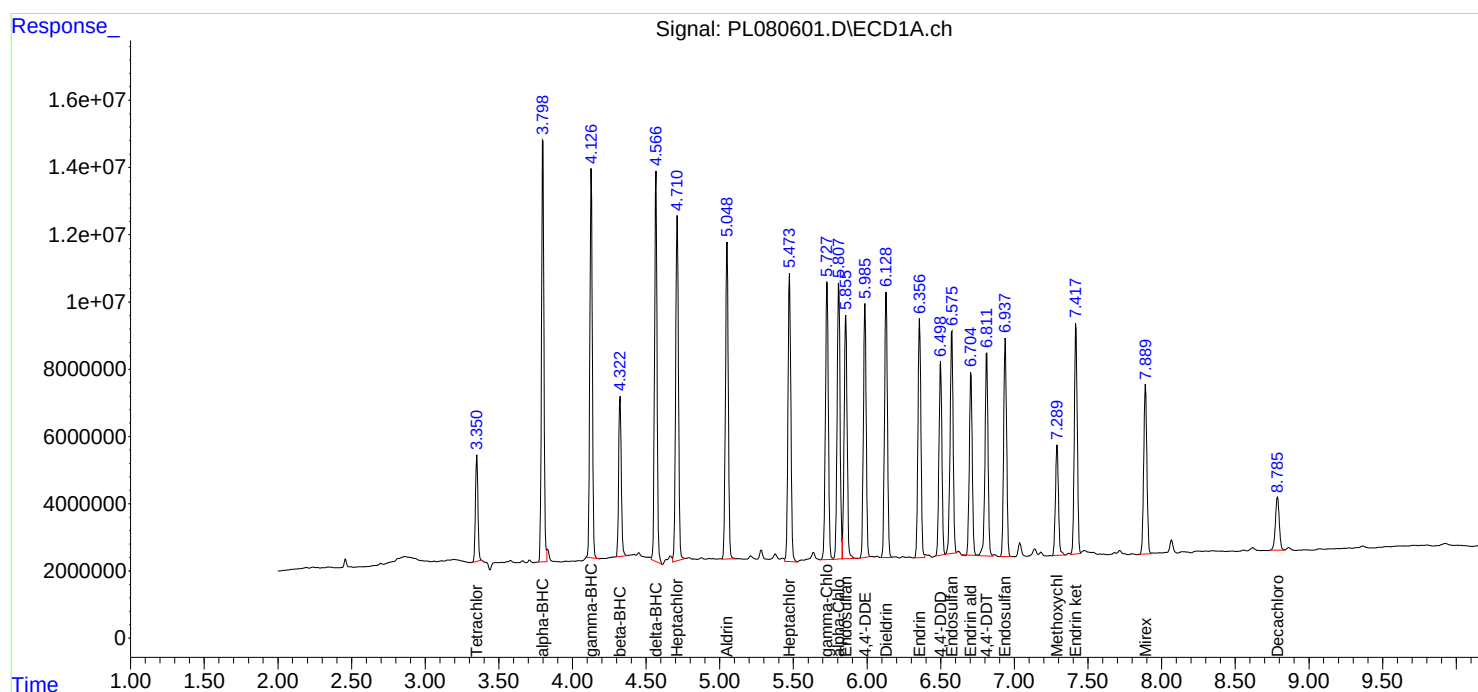
Instrument :
ECD_L
ClientSampleId :
72-11985MSD

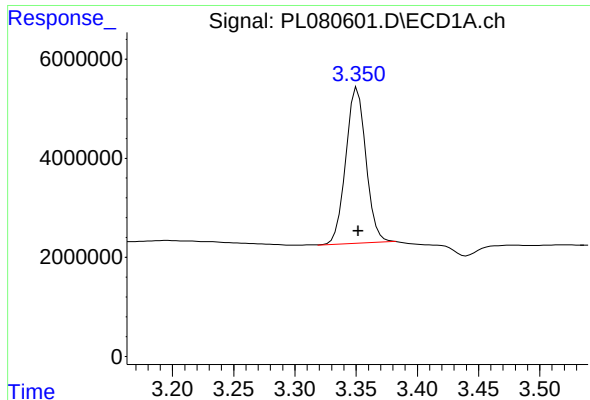
Manual Integrations
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Supervised By :Ankita Jodhani 01/31/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 30 20:46:51 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





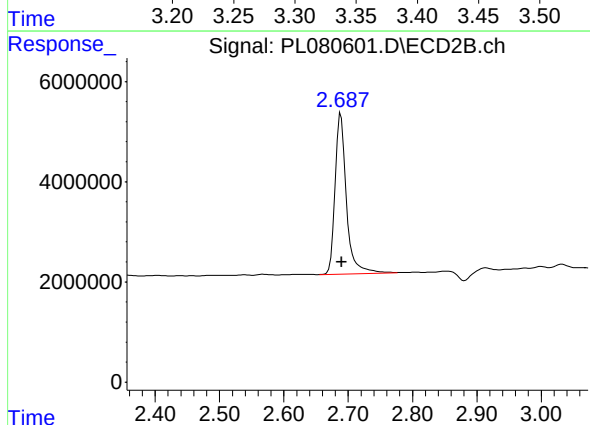
#1 Tetrachloro-m-xylene

R.T.: 3.350 min
Delta R.T.: -0.002 min
Response: 36039279
Conc: 16.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11985MSD

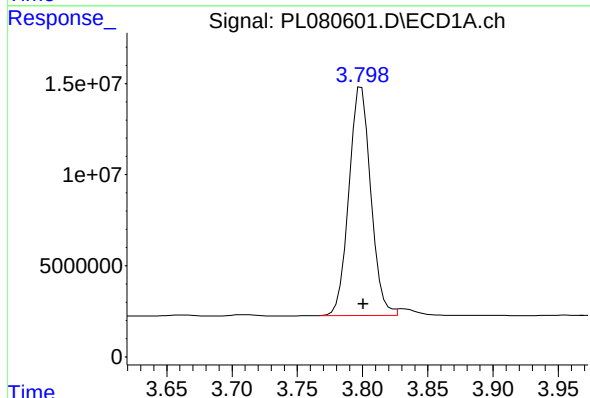
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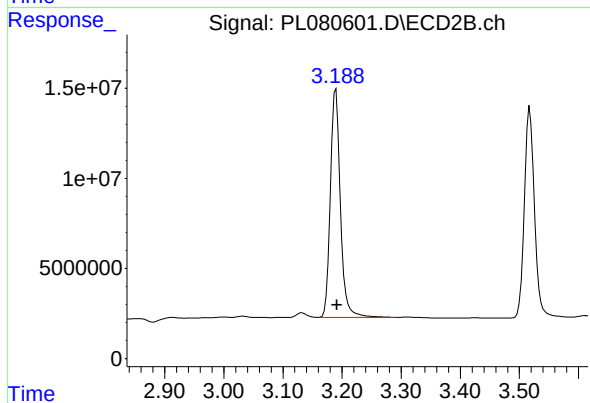
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: -0.001 min
Response: 39359664
Conc: 17.92 ng/ml



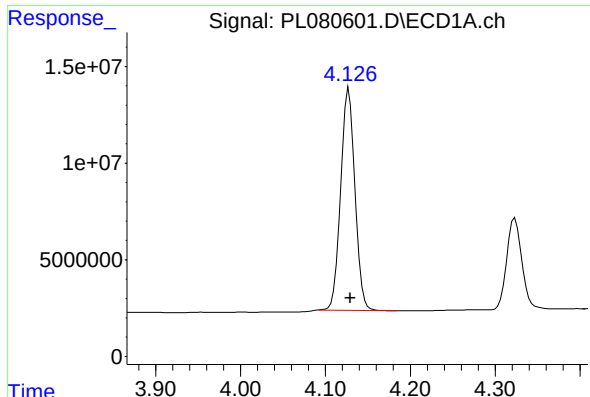
#2 alpha-BHC

R.T.: 3.799 min
Delta R.T.: -0.002 min
Response: 146069321
Conc: 46.11 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.002 min
Response: 148597747
Conc: 46.72 ng/ml



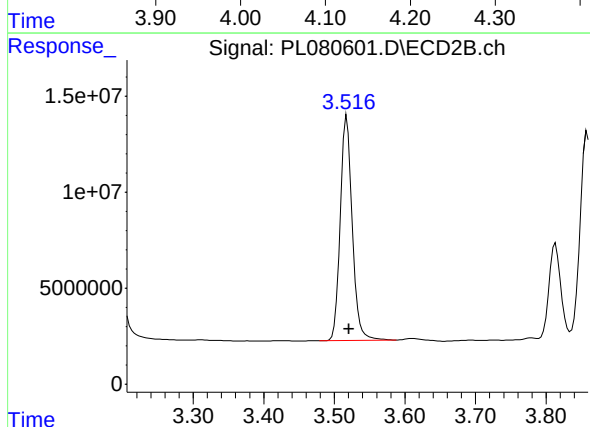
#3 gamma-BHC (Lindane)

R.T.: 4.128 min
Delta R.T.: -0.002 min
Response: 134328467
Conc: 45.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11985MSD

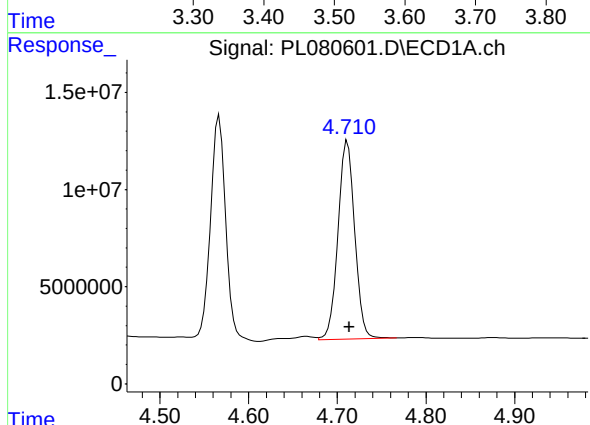
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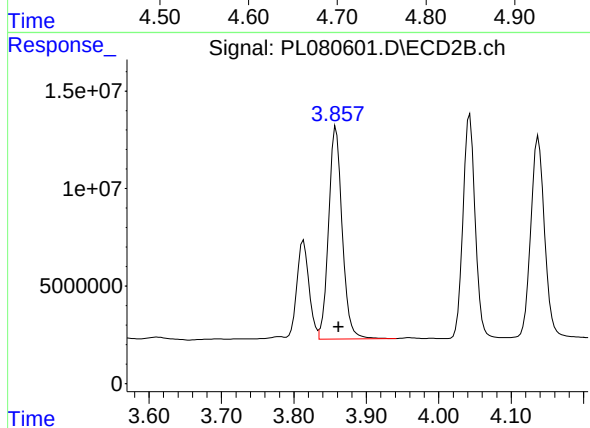
#3 gamma-BHC (Lindane)

R.T.: 3.518 min
Delta R.T.: -0.003 min
Response: 138189529
Conc: 46.26 ng/ml



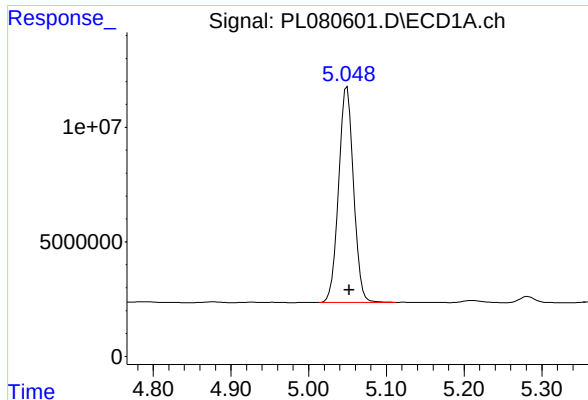
#4 Heptachlor

R.T.: 4.711 min
Delta R.T.: -0.002 min
Response: 133513316
Conc: 45.18 ng/ml



#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.003 min
Response: 142114939
Conc: 44.66 ng/ml



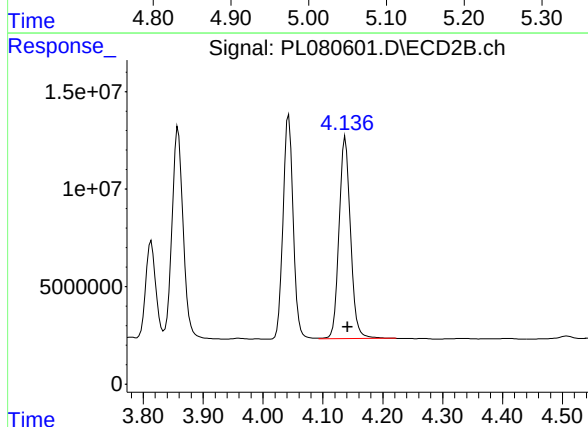
#5 Aldrin

R.T.: 5.049 min
Delta R.T.: -0.003 min
Response: 126108845
Conc: 46.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11985MSD

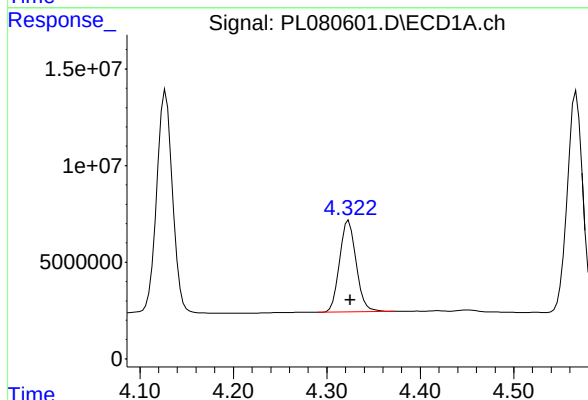
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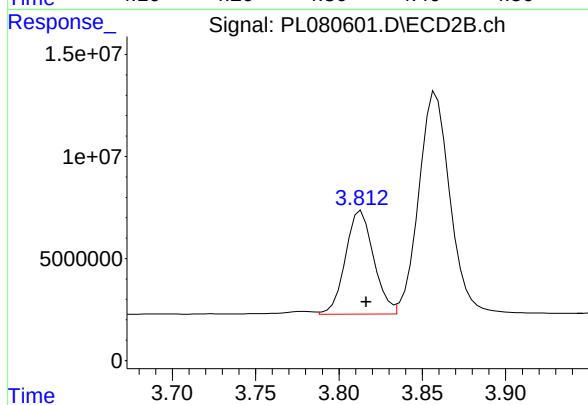
#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.004 min
Response: 138423984
Conc: 46.93 ng/ml



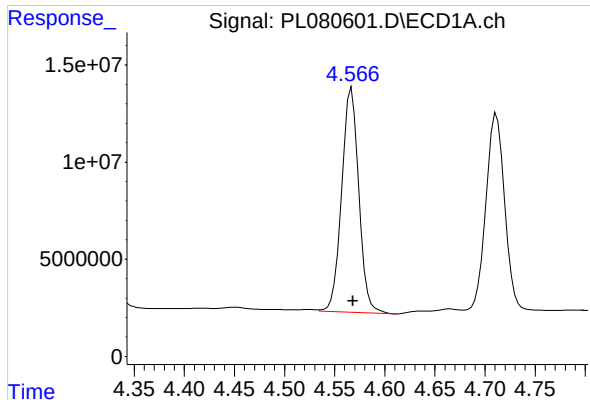
#6 beta-BHC

R.T.: 4.323 min
Delta R.T.: -0.002 min
Response: 58067210
Conc: 42.54 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.003 min
Response: 59618630
Conc: 44.67 ng/ml



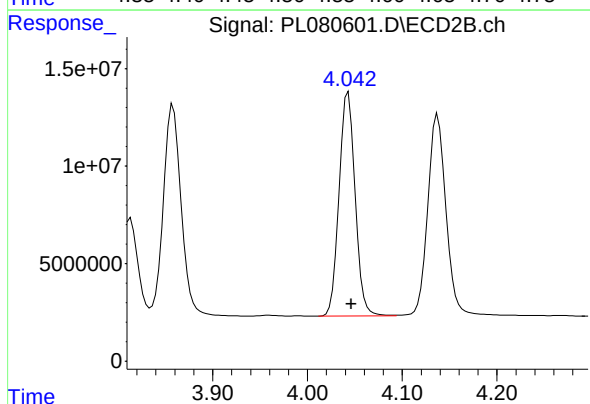
#7 delta-BHC

R.T.: 4.567 min
Delta R.T.: -0.001 min
Response: 136828570
Conc: 47.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11985MSD

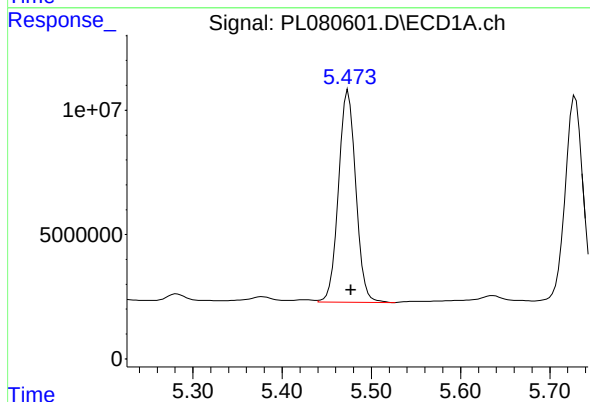
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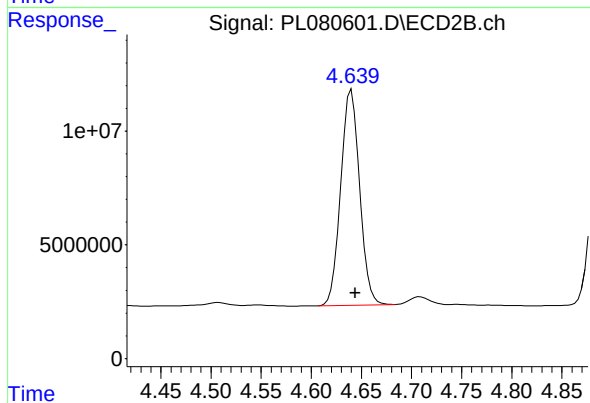
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 134902770
Conc: 46.77 ng/ml



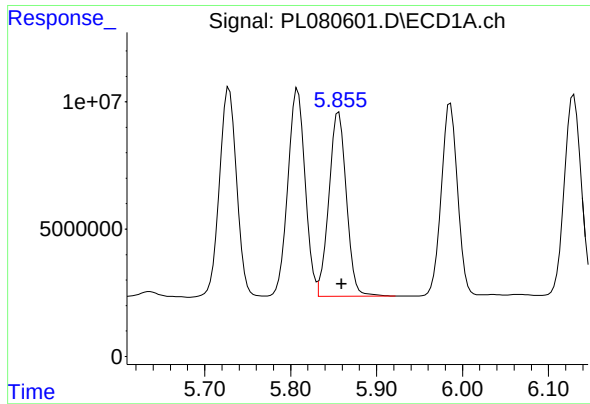
#8 Heptachlor epoxide

R.T.: 5.474 min
Delta R.T.: -0.003 min
Response: 114784124
Conc: 44.37 ng/ml



#8 Heptachlor epoxide

R.T.: 4.640 min
Delta R.T.: -0.004 min
Response: 124081764
Conc: 44.60 ng/ml



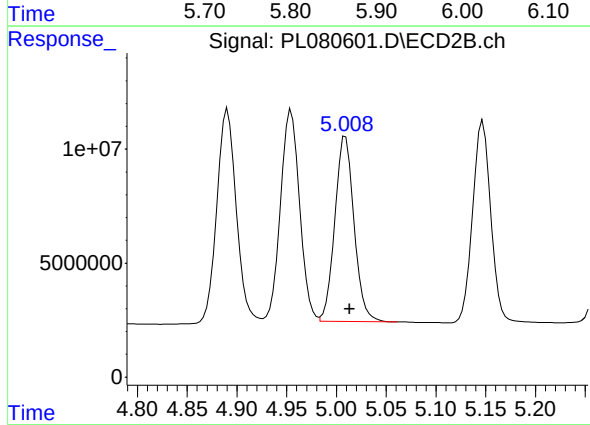
#9 Endosulfan I

R.T.: 5.856 min
Delta R.T.: -0.003 min
Response: 103247866
Conc: 43.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11985MSD

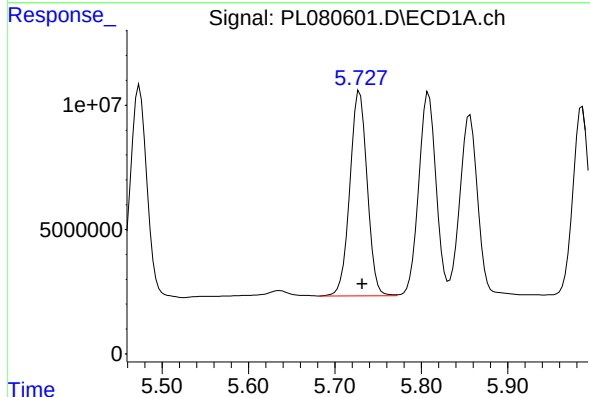
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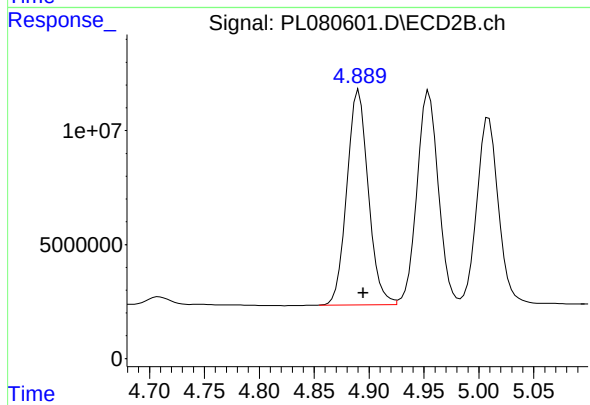
#9 Endosulfan I

R.T.: 5.009 min
Delta R.T.: -0.004 min
Response: 109124577
Conc: 41.95 ng/ml



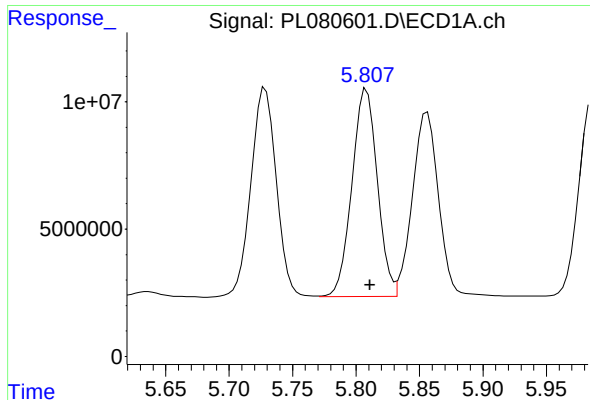
#10 gamma-Chlordane

R.T.: 5.729 min
Delta R.T.: -0.003 min
Response: 114566932
Conc: 45.36 ng/ml



#10 gamma-Chlordane

R.T.: 4.889 min
Delta R.T.: -0.005 min
Response: 128084813
Conc: 45.19 ng/ml m



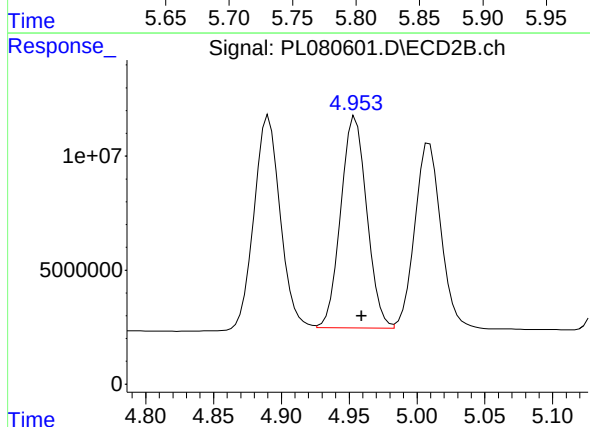
#11 alpha-Chlordane

R.T.: 5.808 min
Delta R.T.: -0.003 min
Response: 113675565
Conc: 45.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11985MSD

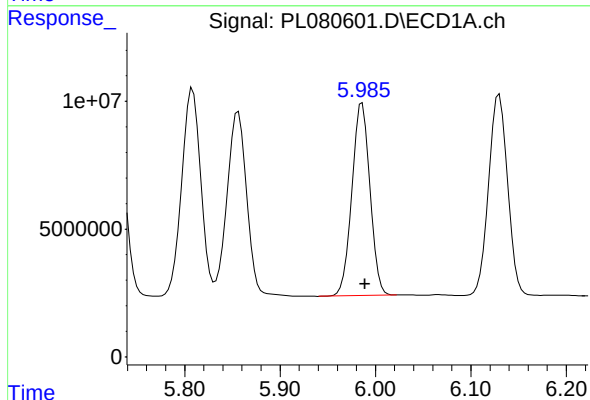
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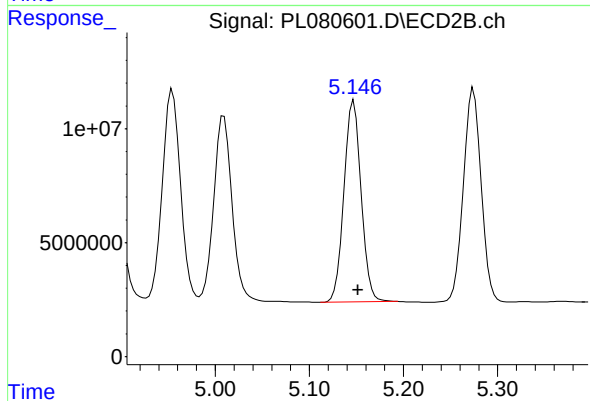
#11 alpha-Chlordane

R.T.: 4.955 min
Delta R.T.: -0.005 min
Response: 123758659
Conc: 43.20 ng/ml



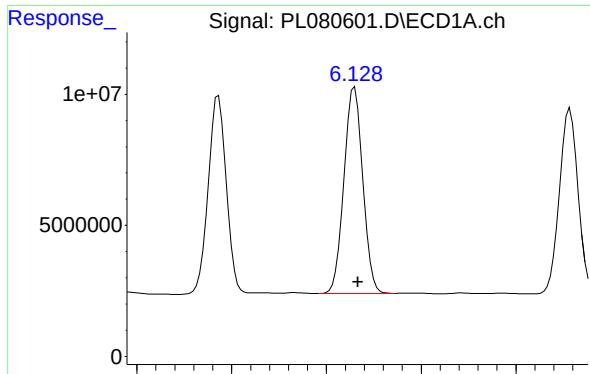
#12 4,4'-DDE

R.T.: 5.986 min
Delta R.T.: -0.003 min
Response: 99858553
Conc: 44.83 ng/ml



#12 4,4'-DDE

R.T.: 5.146 min
Delta R.T.: -0.006 min
Response: 112052527
Conc: 47.50 ng/ml m



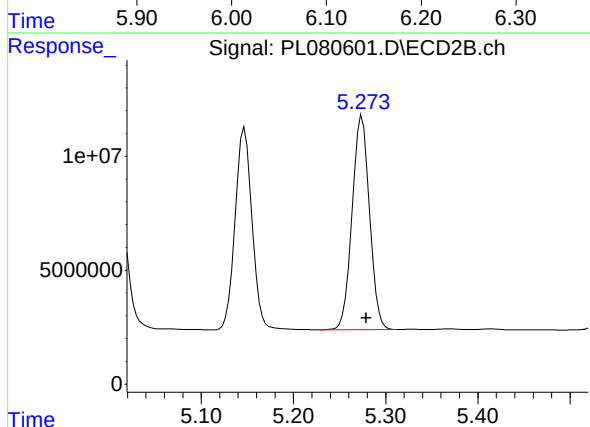
#13 Dieldrin

R.T.: 6.130 min
Delta R.T.: -0.004 min
Response: 108952774
Conc: 45.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11985MSD

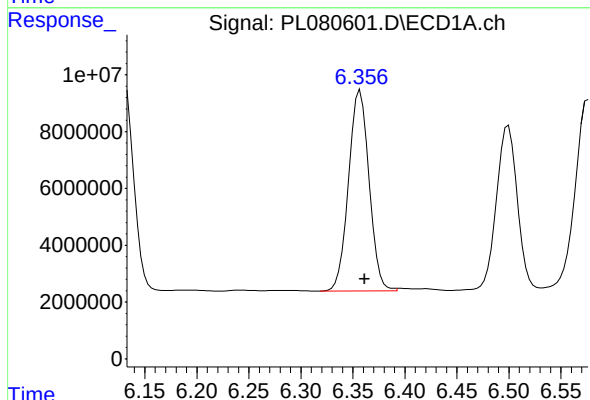
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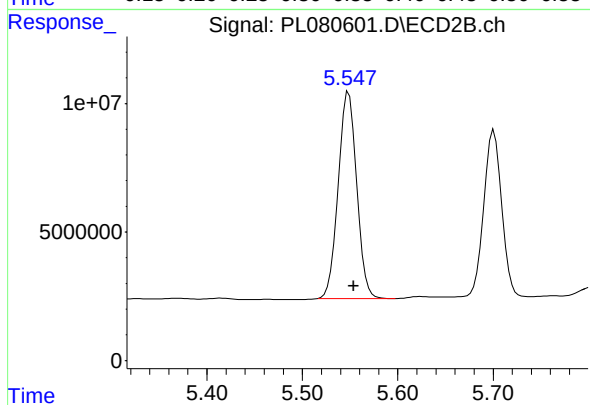
#13 Dieldrin

R.T.: 5.273 min
Delta R.T.: -0.006 min
Response: 123186883
Conc: 45.54 ng/ml



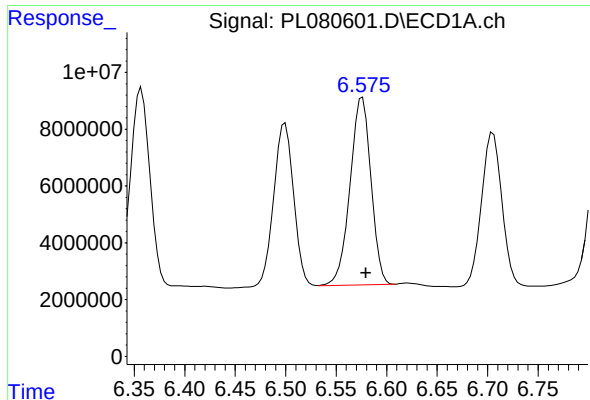
#14 Endrin

R.T.: 6.357 min
Delta R.T.: -0.004 min
Response: 96950677
Conc: 44.83 ng/ml



#14 Endrin

R.T.: 5.548 min
Delta R.T.: -0.005 min
Response: 108174173
Conc: 46.60 ng/ml



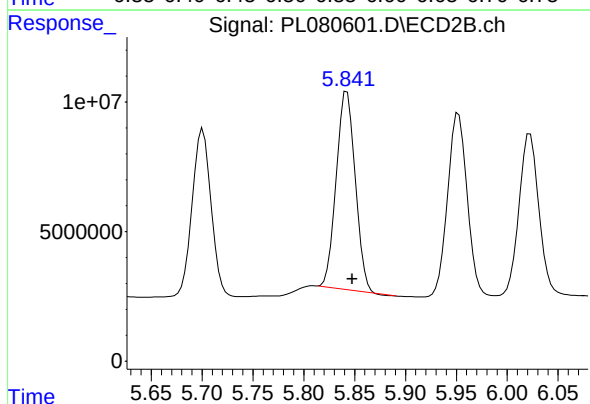
#15 Endosulfan II

R.T.: 6.576 min
Delta R.T.: -0.004 min
Response: 95404169
Conc: 41.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11985MSD

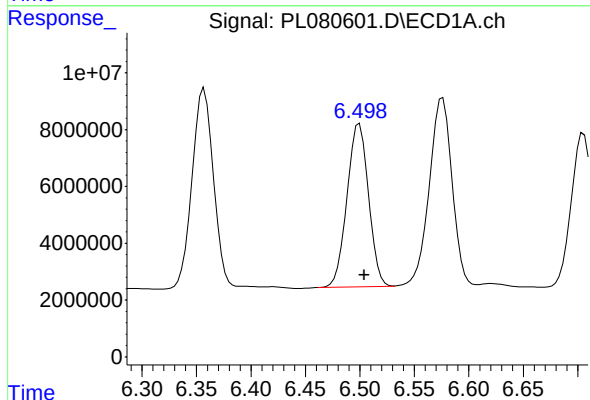
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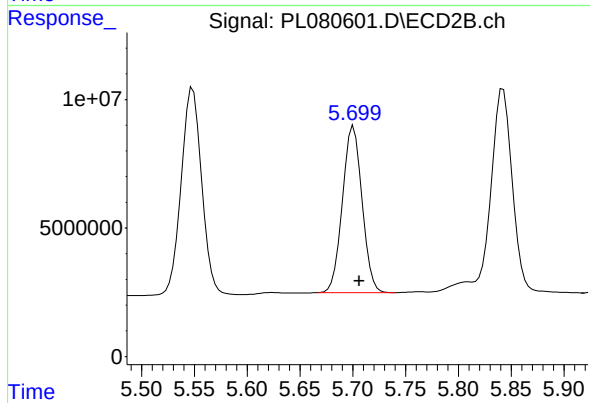
#15 Endosulfan II

R.T.: 5.842 min
Delta R.T.: -0.005 min
Response: 99038047
Conc: 47.53 ng/ml



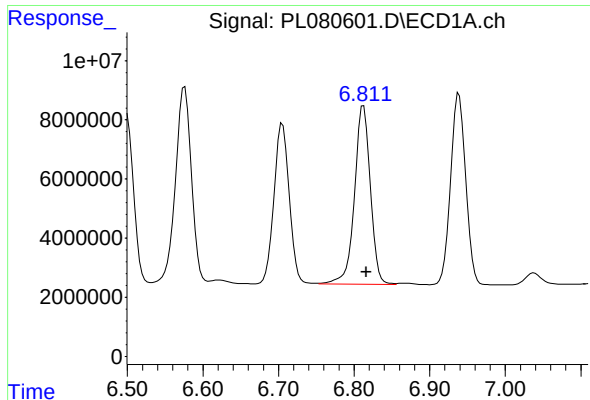
#16 4,4'-DDD

R.T.: 6.500 min
Delta R.T.: -0.004 min
Response: 78962192
Conc: 43.10 ng/ml



#16 4,4'-DDD

R.T.: 5.701 min
Delta R.T.: -0.006 min
Response: 83732648
Conc: 44.56 ng/ml



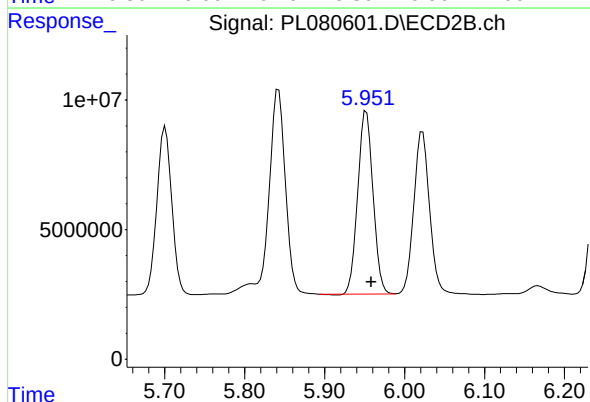
#17 4,4'-DDT

R.T.: 6.813 min
Delta R.T.: -0.004 min
Response: 88013017
Conc: 42.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11985MSD

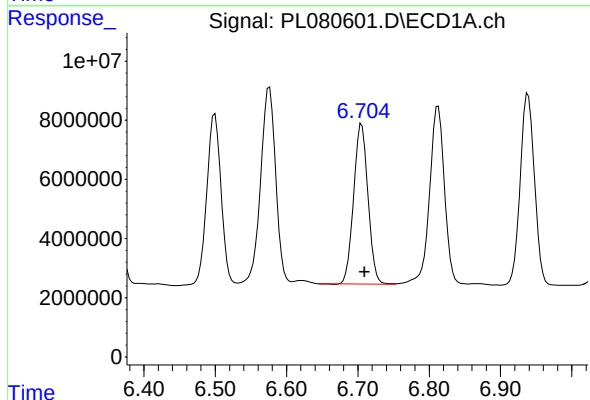
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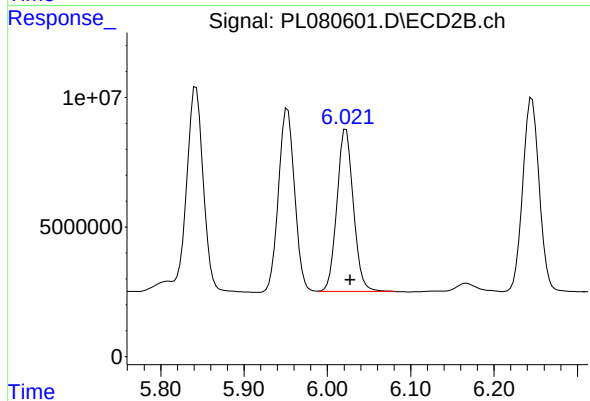
#17 4,4'-DDT

R.T.: 5.952 min
Delta R.T.: -0.006 min
Response: 93805964
Conc: 44.64 ng/ml



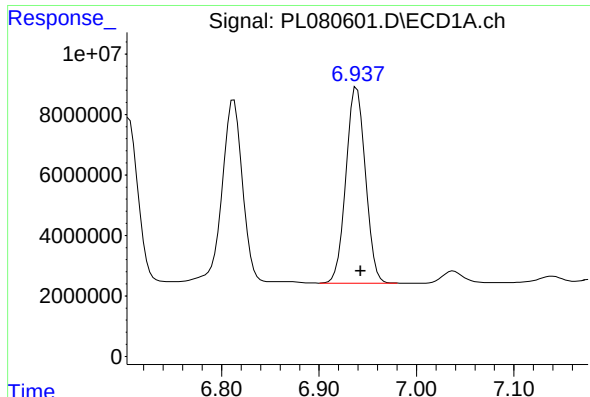
#18 Endrin aldehyde

R.T.: 6.705 min
Delta R.T.: -0.004 min
Response: 75630623
Conc: 45.47 ng/ml



#18 Endrin aldehyde

R.T.: 6.022 min
Delta R.T.: -0.005 min
Response: 85956065
Conc: 47.07 ng/ml



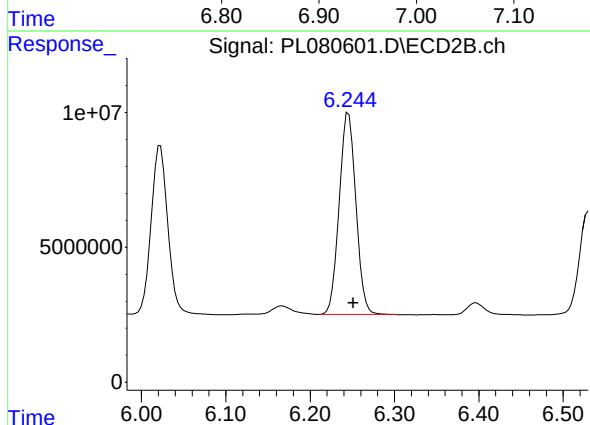
#19 Endosulfan Sulfate

R.T.: 6.939 min
Delta R.T.: -0.004 min
Response: 89919994
Conc: 43.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11985MSD

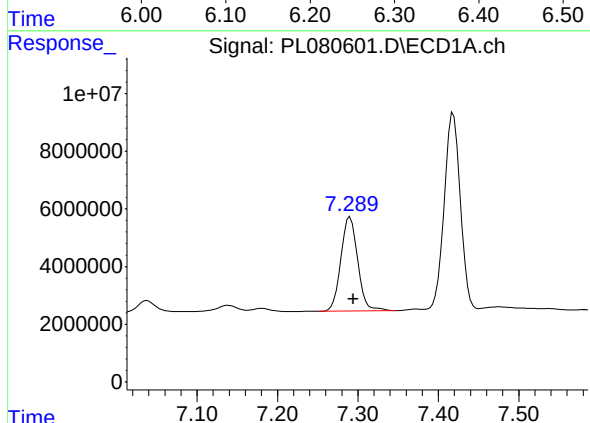
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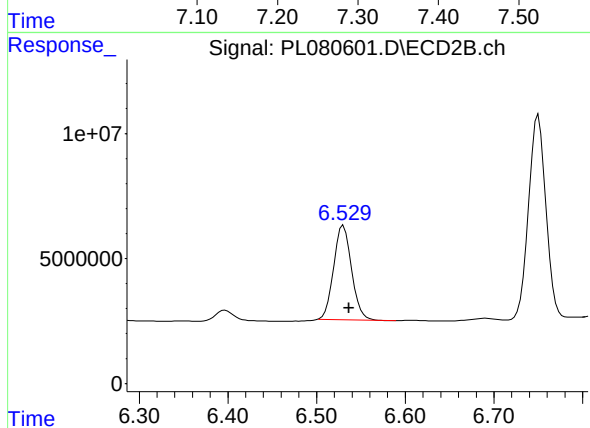
#19 Endosulfan Sulfate

R.T.: 6.246 min
Delta R.T.: -0.006 min
Response: 102921487
Conc: 44.25 ng/ml



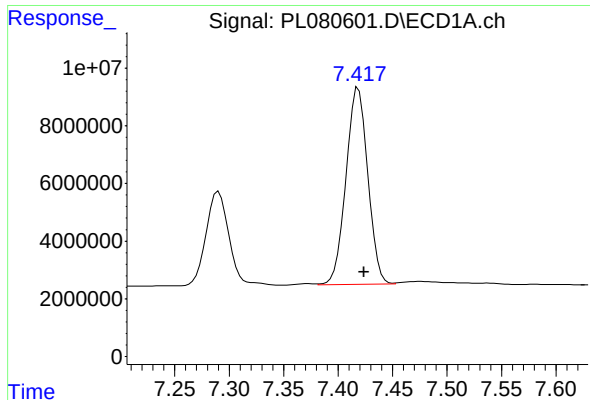
#20 Methoxychlor

R.T.: 7.290 min
Delta R.T.: -0.004 min
Response: 47611404
Conc: 43.15 ng/ml



#20 Methoxychlor

R.T.: 6.530 min
Delta R.T.: -0.006 min
Response: 52826513
Conc: 43.53 ng/ml



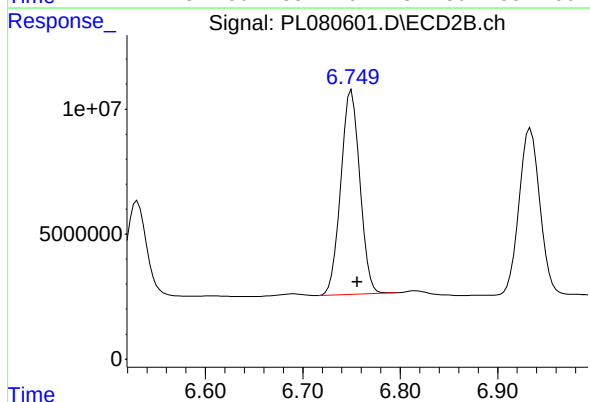
#21 Endrin ketone

R.T.: 7.419 min
Delta R.T.: -0.005 min
Response: 95105525
Conc: 43.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11985MSD

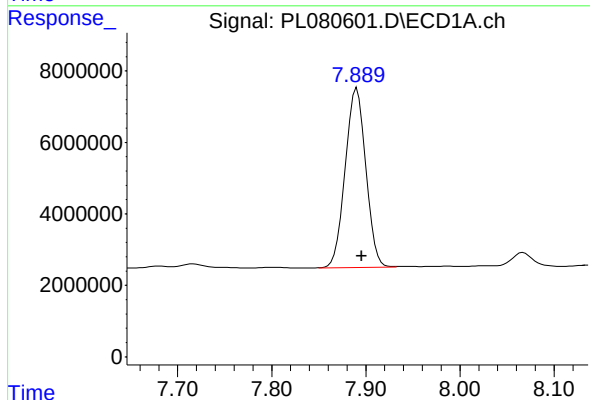
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Supervised By :Ankita Jodhani 01/31/2023



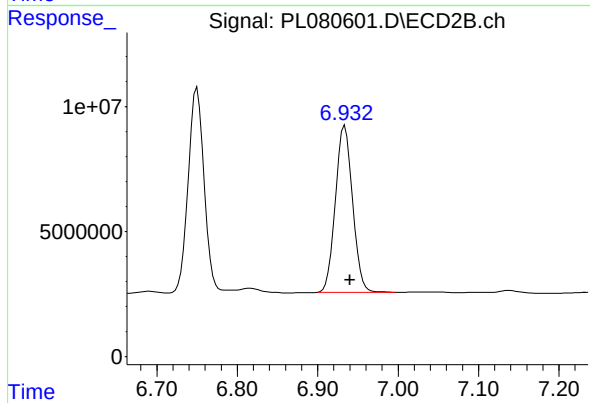
#21 Endrin ketone

R.T.: 6.750 min
Delta R.T.: -0.006 min
Response: 110804701
Conc: 43.40 ng/ml



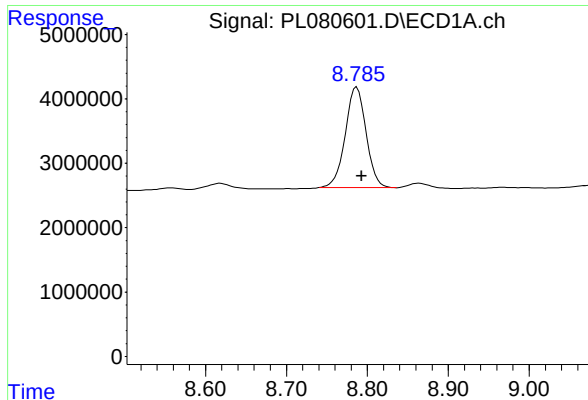
#22 Mirex

R.T.: 7.891 min
Delta R.T.: -0.005 min
Response: 76473243
Conc: 44.47 ng/ml



#22 Mirex

R.T.: 6.934 min
Delta R.T.: -0.006 min
Response: 99185400
Conc: 43.56 ng/ml



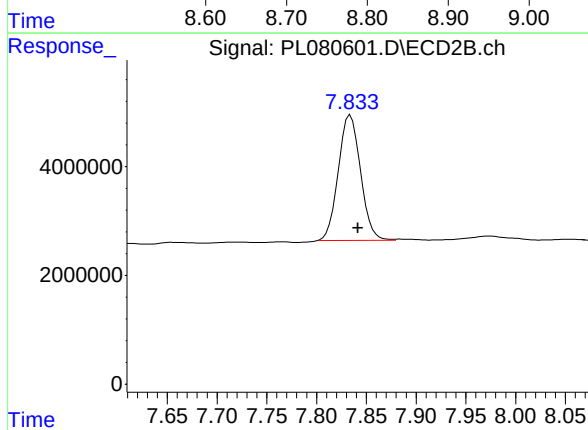
#28 Decachlorobiphenyl

R.T.: 8.787 min
Delta R.T.: -0.006 min
Response: 28000145
Conc: 15.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11985MSD

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.834 min
Delta R.T.: -0.008 min
Response: 35861154
Conc: 15.05 ng/ml