

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020323\
 Data File : PL080742.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Feb 2023 19:15
 Operator : AR\AJ
 Sample : 01409-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 38414MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/06/2023
 Supervised By : Ankita Jodhani 02/06/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 04 00:03:08 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	33489112	45545329	15.614m	20.736 #
28) SA Decachlor...	8.788	7.834	31019698	33356079	17.718	14.000
Target Compounds						
2) A alpha-BHC	3.800	3.189	124.7E6	114.7E6	39.369	36.071
3) MA gamma-BHC...	4.128	3.517	115.3E6	107.9E6	39.236	36.121
4) MA Heptachlor	4.711	3.858	111.4E6	112.4E6	37.701m	35.306
5) MB Aldrin	5.050	4.137	104.0E6	102.9E6	38.022	34.883
6) B beta-BHC	4.324	3.814	50900131	48688975	37.289	36.481
7) B delta-BHC	4.568	4.043	105.1E6	100.9E6	36.320	34.996
8) B Heptachlo...	5.475	4.640	97930256	94257688	37.854	33.877
9) A Endosulfan I	5.857	5.009	90346411	85377280	38.259	32.821
10) B gamma-Chl...	5.729	4.889	96105575	95899008	38.051	33.836m
11) B alpha-Chl...	5.809	4.955	94967539	92731644	37.622	32.371
12) B 4,4'-DDE	5.987	5.146	82676931	83318331	37.119	35.322m
13) MA Dieldrin	6.131	5.273	89720883	91230165	37.487	33.727m
14) MA Endrin	6.358	5.549	81126998	78990746	37.512	34.031
15) B Endosulfa...	6.577	5.843	73343475	71558111	31.995	34.341
16) A 4,4'-DDD	6.501	5.701	69369487	64765830	37.866	34.465
17) MA 4,4'-DDT	6.814	5.952	86338593	73423719	41.556	34.939
18) B Endrin al...	6.706	6.022	60444462	60882716	36.338m	33.340
19) B Endosulfa...	6.940	6.246	77326173	80554232	37.357	34.637
20) A Methoxychlor	7.293	6.530	40168954	42784947	36.408	35.258
21) B Endrin ke...	7.420	6.750	79883809	84698732	36.206	33.173
22) Mirex	7.892	6.934	63665057	74883970	37.019	32.891

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020323\
Data File : PL080742.D
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Acq On : 03 Feb 2023 19:15
Operator : AR\AJ
Sample : 01409-01MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

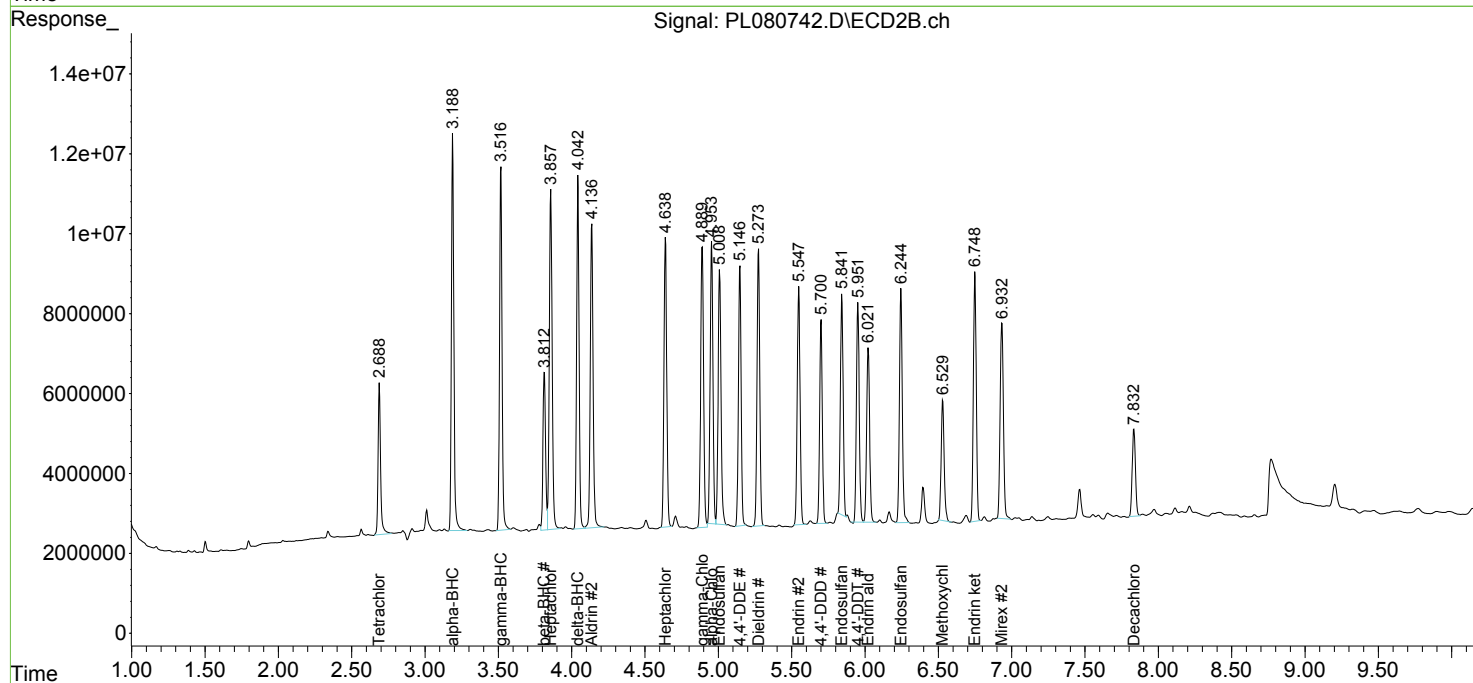
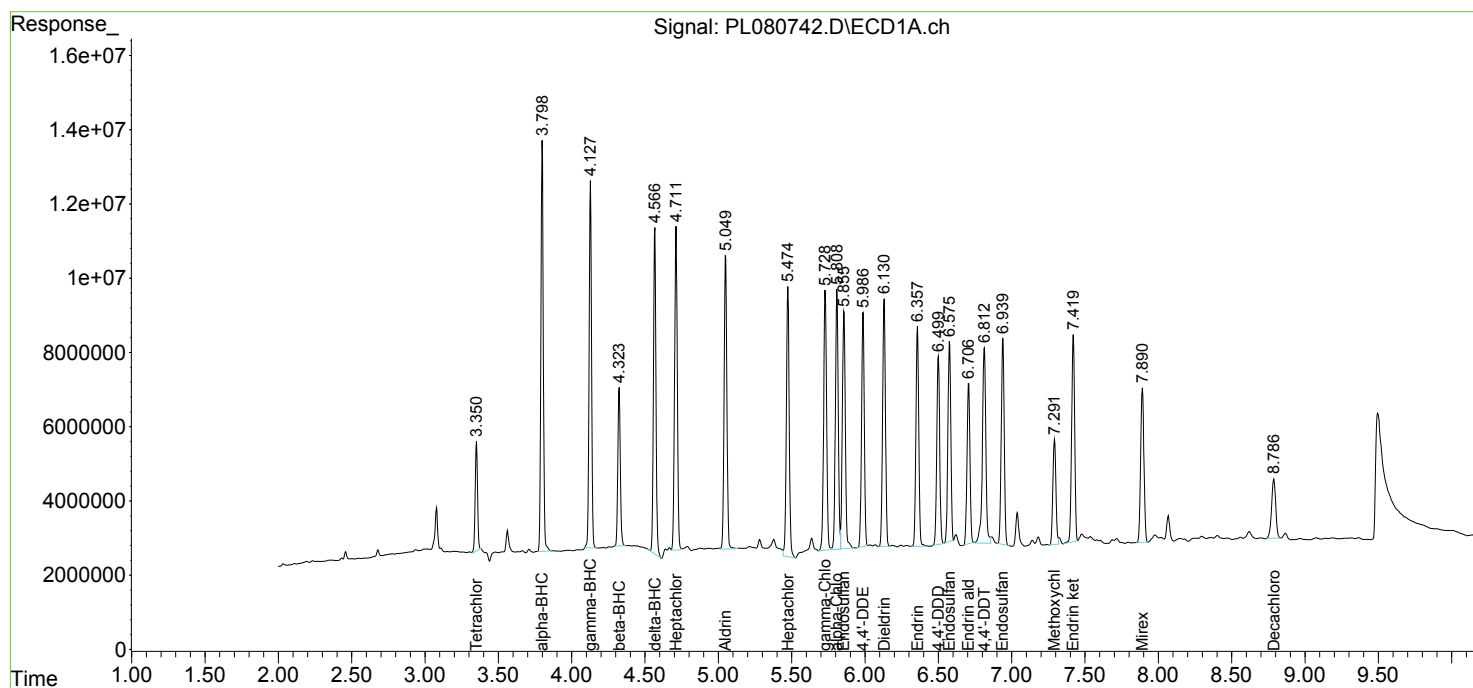
Instrument :
ECD_L
ClientSampleId :
38414MSD

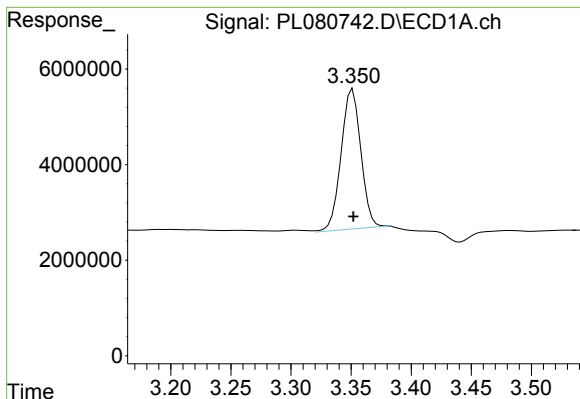
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 00:03:08 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Sun Jan 22 23:56:48 2023
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Volume Inj. : 1 µl
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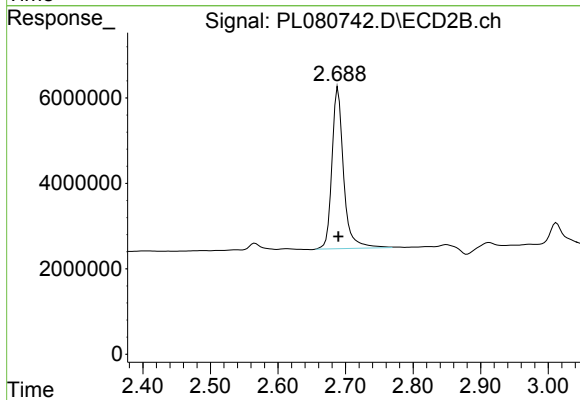
#1 Tetrachloro-m-xylene

R.T.: 3.350 min
Delta R.T.: -0.002 min
Response: 33489112
Conc: 15.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
38414MSD

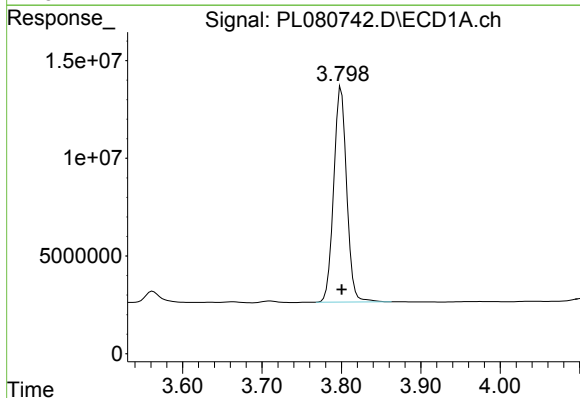
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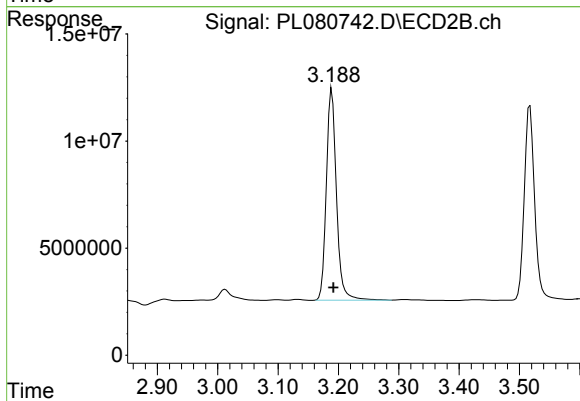
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: 0.000 min
Response: 45545329
Conc: 20.74 ng/ml



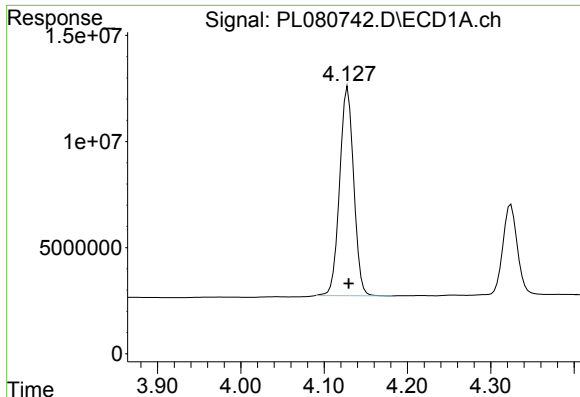
#2 alpha-BHC

R.T.: 3.800 min
Delta R.T.: -0.001 min
Response: 124723549
Conc: 39.37 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.002 min
Response: 114719715
Conc: 36.07 ng/ml



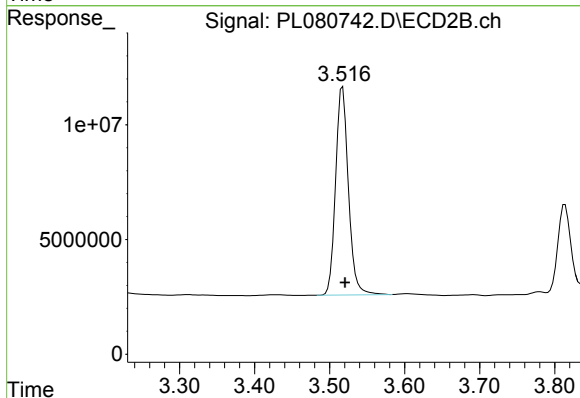
#3 gamma-BHC (Lindane)

R.T.: 4.128 min
Delta R.T.: 0.000 min
Response: 115345693
Conc: 39.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
38414MSD

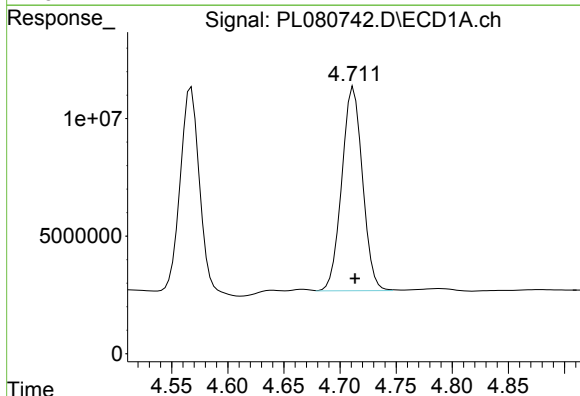
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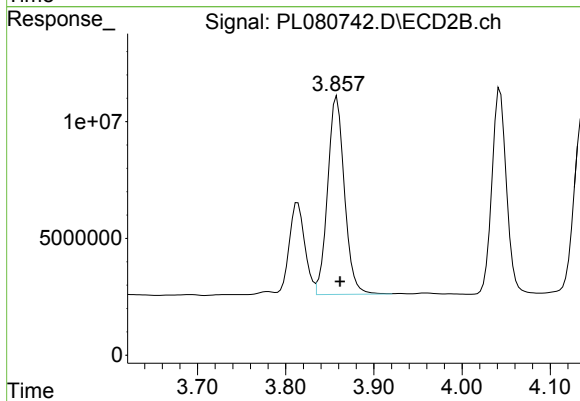
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.003 min
Response: 107905267
Conc: 36.12 ng/ml



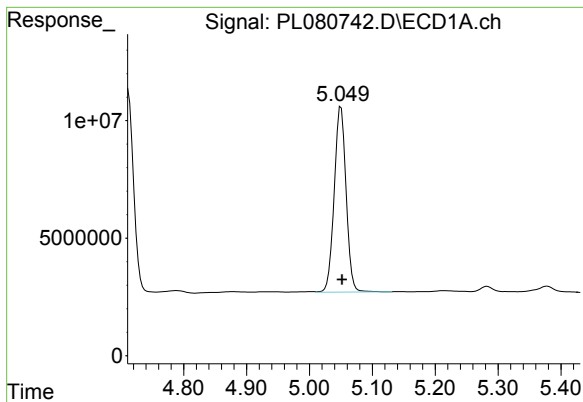
#4 Heptachlor

R.T.: 4.711 min
Delta R.T.: -0.003 min
Response: 111416179
Conc: 37.70 ng/ml m



#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.003 min
Response: 112357015
Conc: 35.31 ng/ml



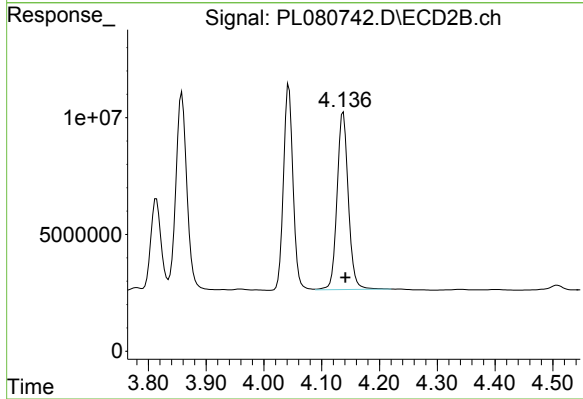
#5 Aldrin

R.T.: 5.050 min
Delta R.T.: -0.002 min
Response: 104020760
Conc: 38.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
38414MSD

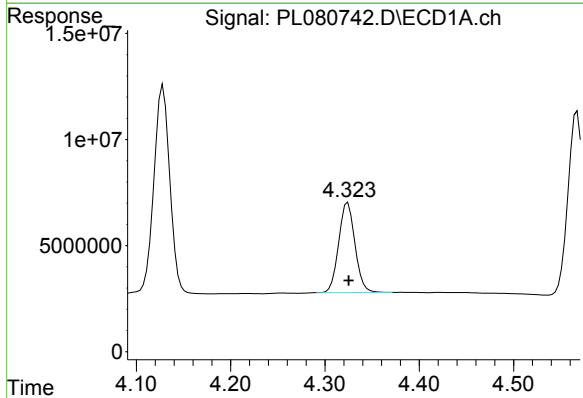
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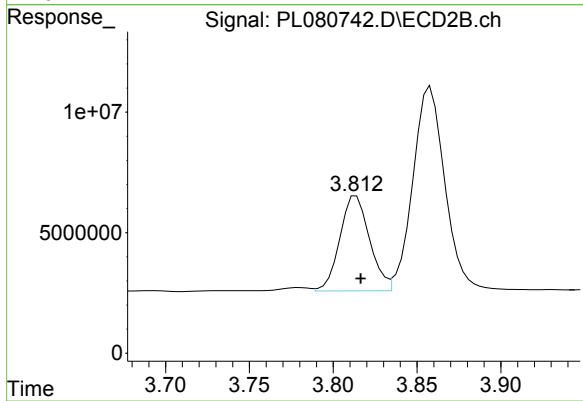
#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.004 min
Response: 102890260
Conc: 34.88 ng/ml



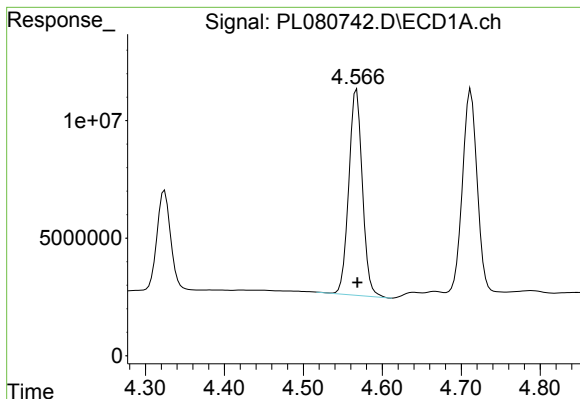
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 50900131
Conc: 37.29 ng/ml



#6 beta-BHC

R.T.: 3.814 min
Delta R.T.: -0.003 min
Response: 48688975
Conc: 36.48 ng/ml



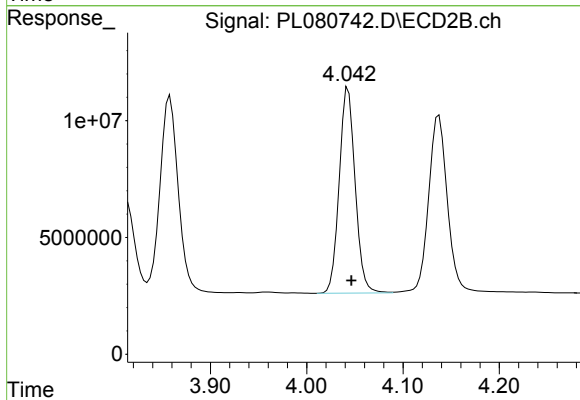
#7 delta-BHC

R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 105146666
Conc: 36.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
38414MSD

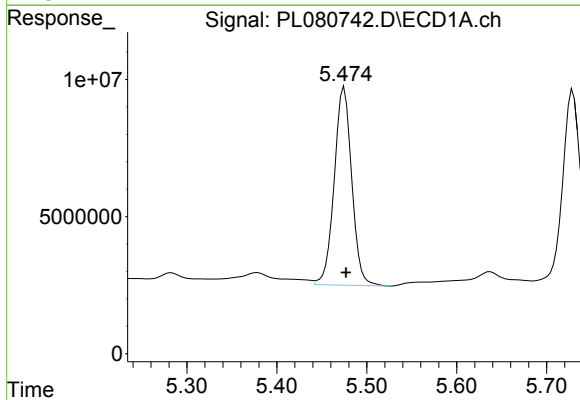
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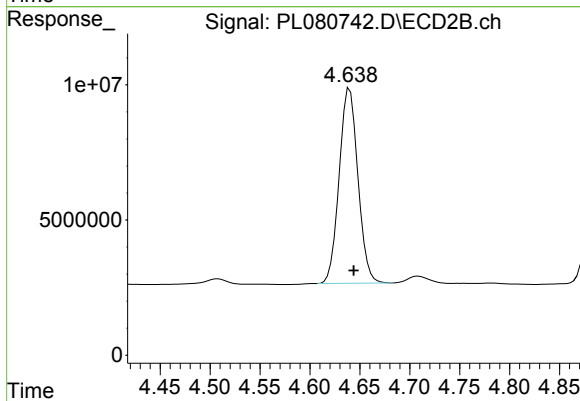
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 100943706
Conc: 35.00 ng/ml



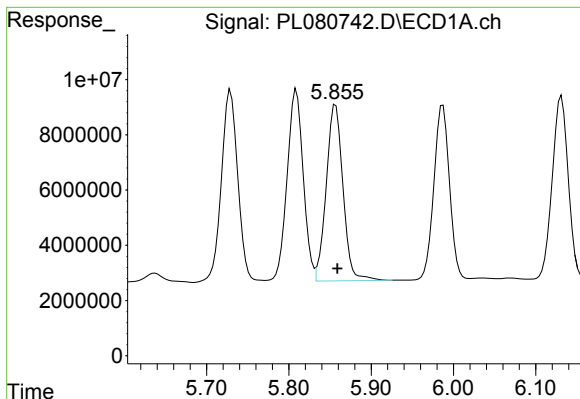
#8 Heptachlor epoxide

R.T.: 5.475 min
Delta R.T.: -0.002 min
Response: 97930256
Conc: 37.85 ng/ml



#8 Heptachlor epoxide

R.T.: 4.640 min
Delta R.T.: -0.004 min
Response: 94257688
Conc: 33.88 ng/ml



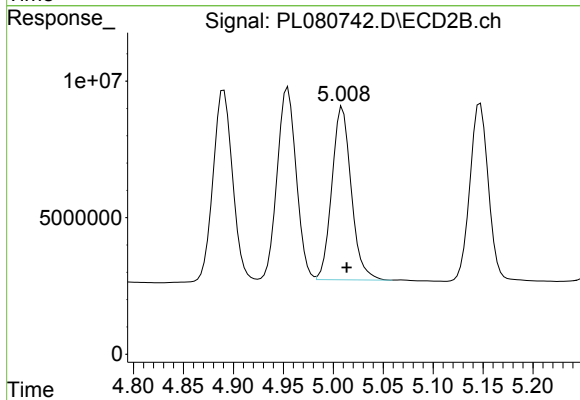
#9 Endosulfan I

R.T.: 5.857 min
Delta R.T.: -0.002 min
Response: 90346411
Conc: 38.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
38414MSD

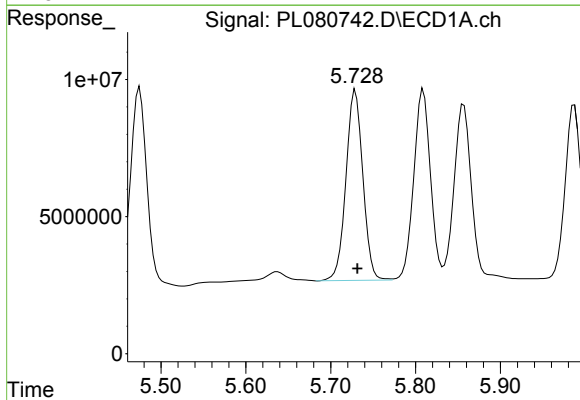
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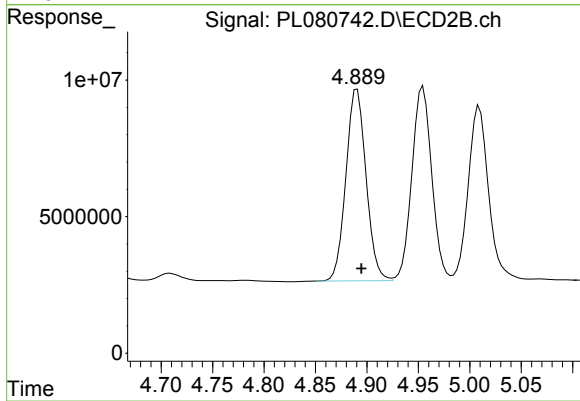
#9 Endosulfan I

R.T.: 5.009 min
Delta R.T.: -0.004 min
Response: 85377280
Conc: 32.82 ng/ml



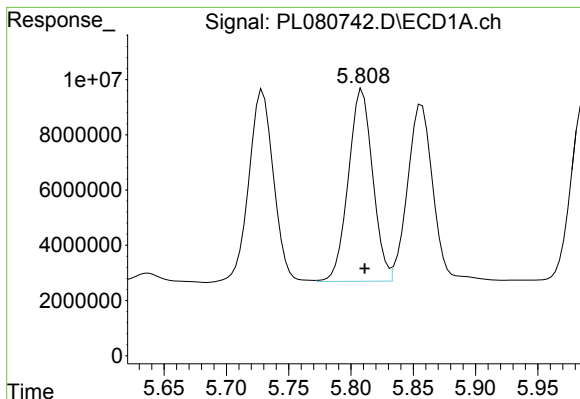
#10 gamma-Chlordane

R.T.: 5.729 min
Delta R.T.: -0.002 min
Response: 96105575
Conc: 38.05 ng/ml



#10 gamma-Chlordane

R.T.: 4.889 min
Delta R.T.: -0.006 min
Response: 95899008
Conc: 33.84 ng/ml m



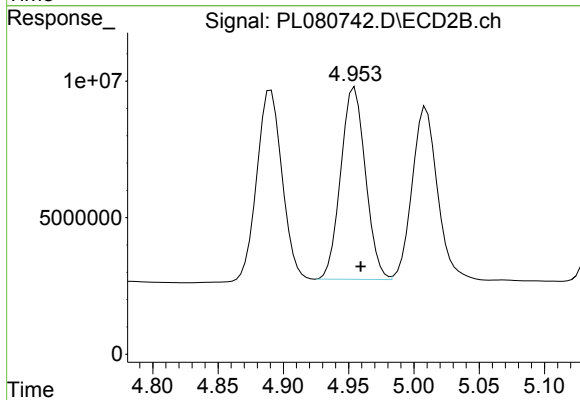
#11 alpha-Chlordane

R.T.: 5.809 min
Delta R.T.: -0.002 min
Response: 94967539
Conc: 37.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
38414MSD

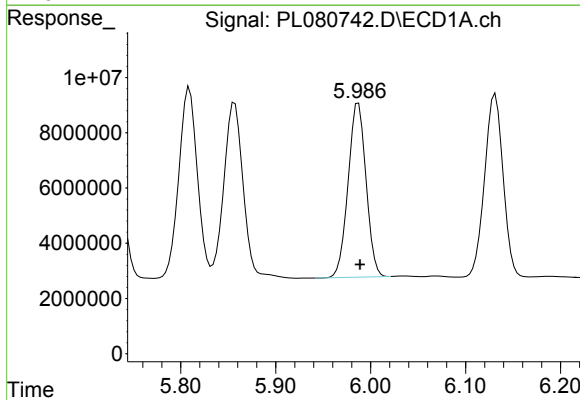
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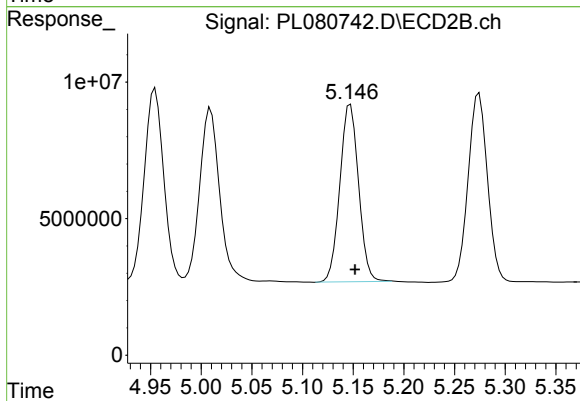
#11 alpha-Chlordane

R.T.: 4.955 min
Delta R.T.: -0.005 min
Response: 92731644
Conc: 32.37 ng/ml



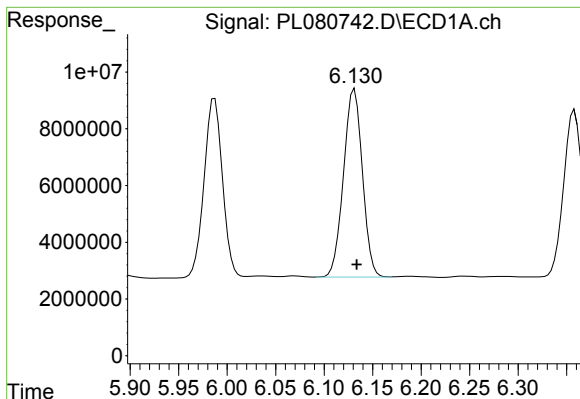
#12 4,4'-DDE

R.T.: 5.987 min
Delta R.T.: -0.002 min
Response: 82676931
Conc: 37.12 ng/ml



#12 4,4'-DDE

R.T.: 5.146 min
Delta R.T.: -0.006 min
Response: 83318331
Conc: 35.32 ng/ml m



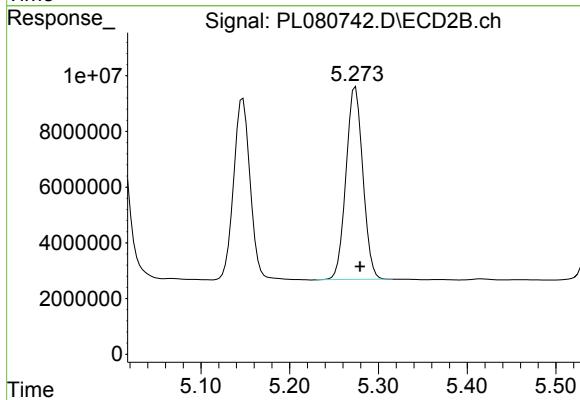
#13 Dieldrin

R.T.: 6.131 min
Delta R.T.: -0.002 min
Response: 89720883
Conc: 37.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
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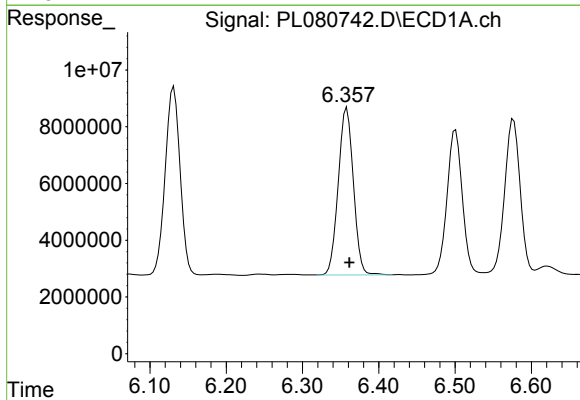
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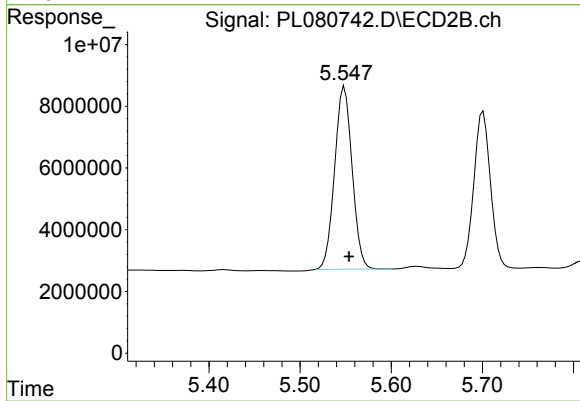
#13 Dieldrin

R.T.: 5.273 min
Delta R.T.: -0.006 min
Response: 91230165
Conc: 33.73 ng/ml m



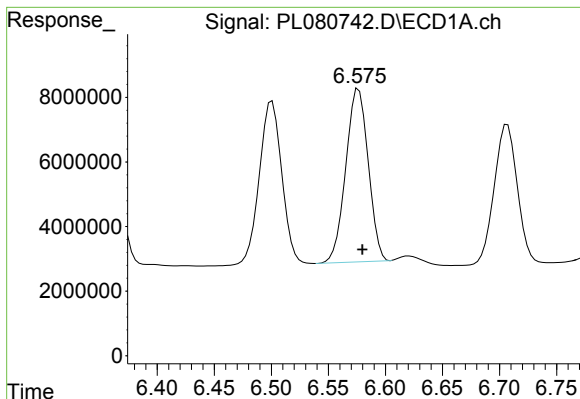
#14 Endrin

R.T.: 6.358 min
Delta R.T.: -0.003 min
Response: 81126998
Conc: 37.51 ng/ml



#14 Endrin

R.T.: 5.549 min
Delta R.T.: -0.005 min
Response: 78990746
Conc: 34.03 ng/ml



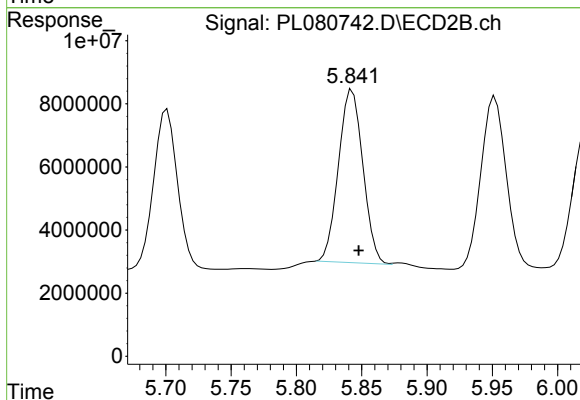
#15 Endosulfan II

R.T.: 6.577 min
Delta R.T.: -0.003 min
Response: 73343475
Conc: 32.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
38414MSD

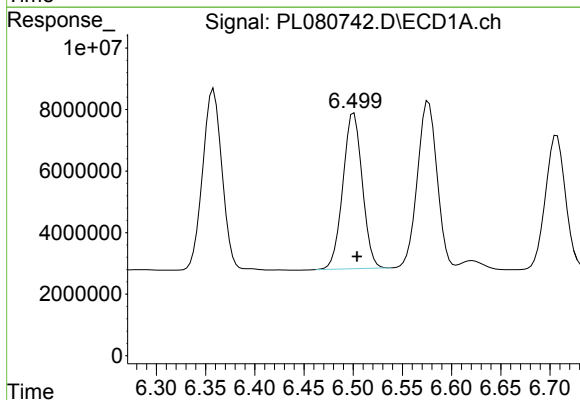
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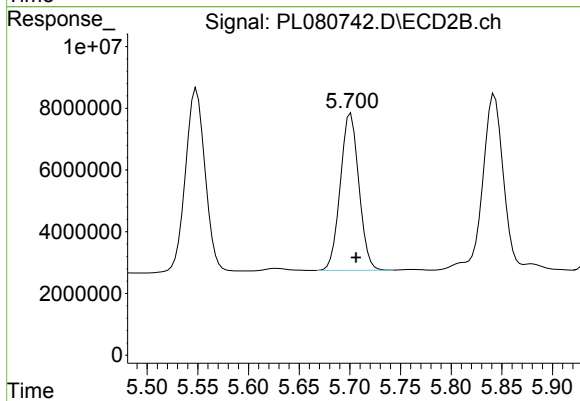
#15 Endosulfan II

R.T.: 5.843 min
Delta R.T.: -0.005 min
Response: 71558111
Conc: 34.34 ng/ml



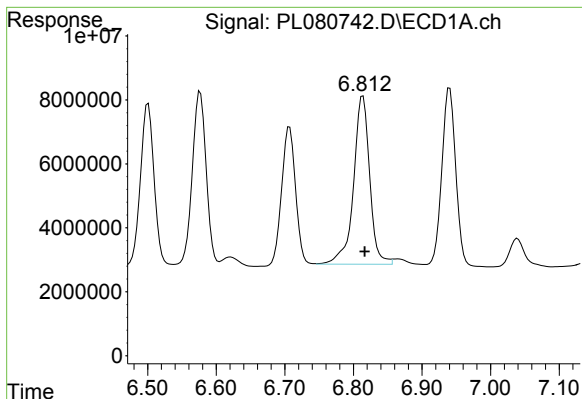
#16 4,4'-DDD

R.T.: 6.501 min
Delta R.T.: -0.003 min
Response: 69369487
Conc: 37.87 ng/ml



#16 4,4'-DDD

R.T.: 5.701 min
Delta R.T.: -0.005 min
Response: 64765830
Conc: 34.46 ng/ml



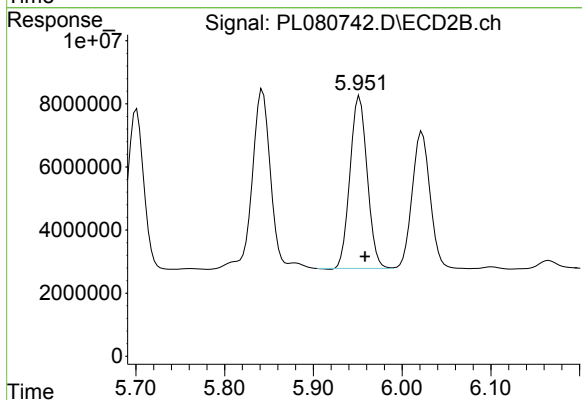
#17 4,4'-DDT

R.T.: 6.814 min
Delta R.T.: -0.002 min
Response: 86338593
Conc: 41.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
38414MSD

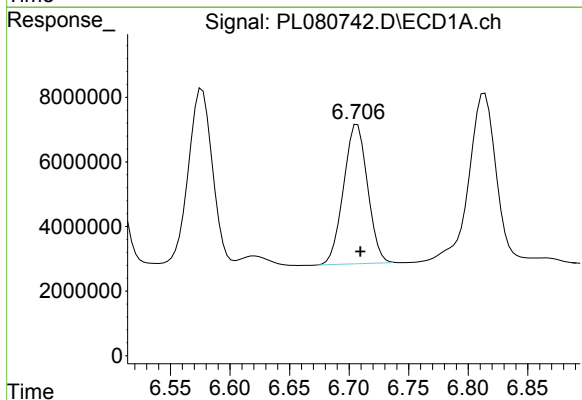
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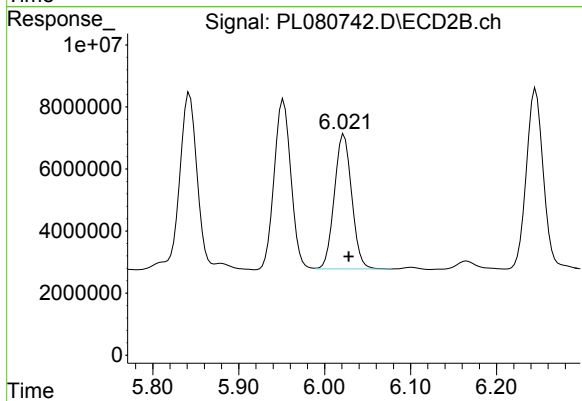
#17 4,4'-DDT

R.T.: 5.952 min
Delta R.T.: -0.006 min
Response: 73423719
Conc: 34.94 ng/ml



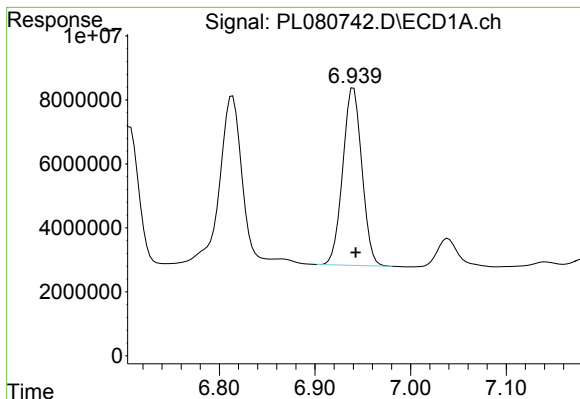
#18 Endrin aldehyde

R.T.: 6.706 min
Delta R.T.: -0.004 min
Response: 60444462
Conc: 36.34 ng/ml m



#18 Endrin aldehyde

R.T.: 6.022 min
Delta R.T.: -0.005 min
Response: 60882716
Conc: 33.34 ng/ml



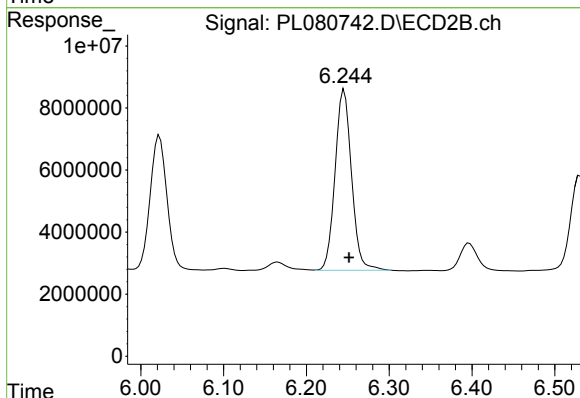
#19 Endosulfan Sulfate

R.T.: 6.940 min
Delta R.T.: -0.002 min
Response: 77326173
Conc: 37.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
38414MSD

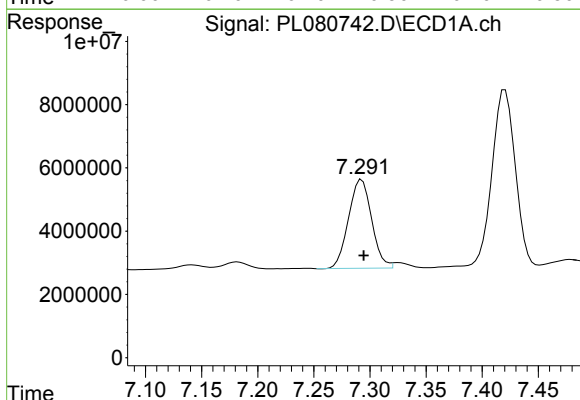
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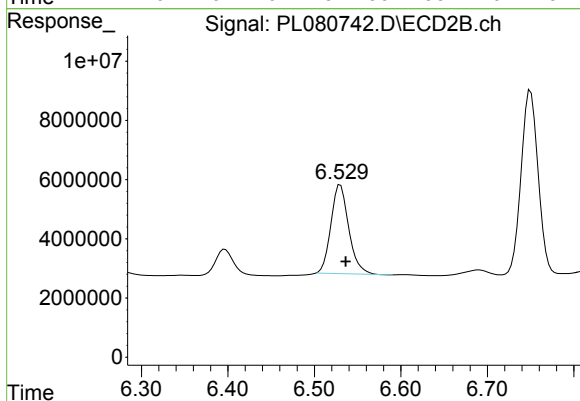
#19 Endosulfan Sulfate

R.T.: 6.246 min
Delta R.T.: -0.006 min
Response: 80554232
Conc: 34.64 ng/ml



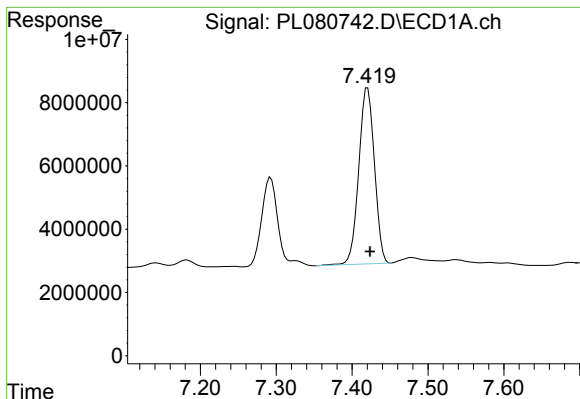
#20 Methoxychlor

R.T.: 7.293 min
Delta R.T.: -0.002 min
Response: 40168954
Conc: 36.41 ng/ml



#20 Methoxychlor

R.T.: 6.530 min
Delta R.T.: -0.006 min
Response: 42784947
Conc: 35.26 ng/ml



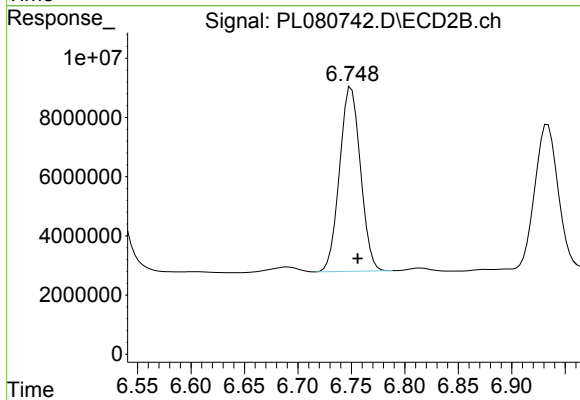
#21 Endrin ketone

R.T.: 7.420 min
Delta R.T.: -0.003 min
Response: 79883809
Conc: 36.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
38414MSD

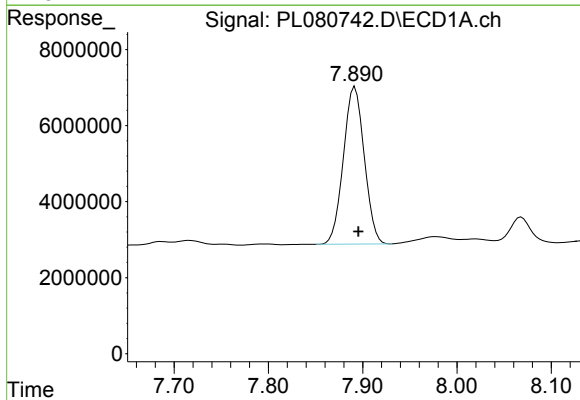
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/06/2023
Supervised By :Ankita Jodhani 02/06/2023



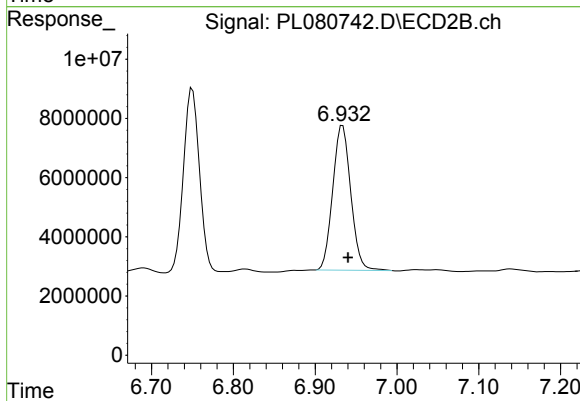
#21 Endrin ketone

R.T.: 6.750 min
Delta R.T.: -0.006 min
Response: 84698732
Conc: 33.17 ng/ml



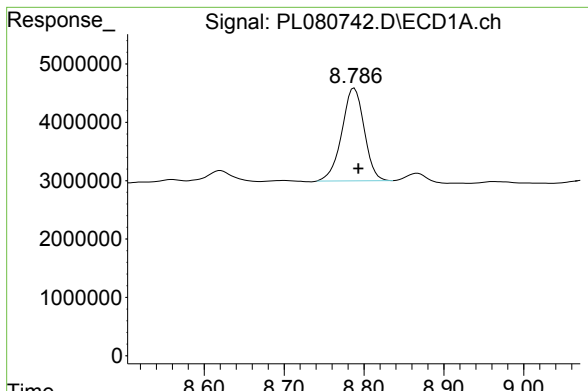
#22 Mirex

R.T.: 7.892 min
Delta R.T.: -0.004 min
Response: 63665057
Conc: 37.02 ng/ml



#22 Mirex

R.T.: 6.934 min
Delta R.T.: -0.006 min
Response: 74883970
Conc: 32.89 ng/ml



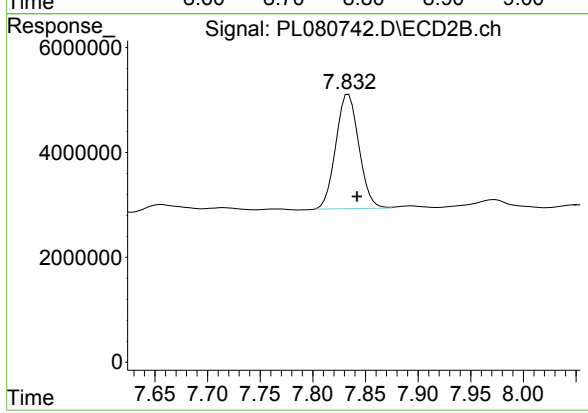
#28 Decachlorobiphenyl

R.T.: 8.788 min
Delta R.T.: -0.005 min
Response: 31019698
Conc: 17.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
38414MSD

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#28 Decachlorobiphenyl

R.T.: 7.834 min
Delta R.T.: -0.008 min
Response: 33356079
Conc: 14.00 ng/ml