

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110422\
 Data File : PL078844.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2022 22:18
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/07/2022
 Supervised By : Ankita Jodhani 11/07/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 05 03:32:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 07:08:41 2022
 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...	3.321	2.569	98518979	133.2E6	51.661	52.181
28) SA Decachlor...	8.767	7.635	66277917	83502569	44.057	44.086
Target Compounds						
2) A alpha-BHC	3.781	3.055	152.4E6	208.3E6	53.061	52.752
3) MA gamma-BHC...	4.114	3.376	138.1E6	190.9E6	51.684	53.113
4) MA Heptachlor	4.684	3.703	132.5E6	183.6E6	51.035	52.937
5) MB Aldrin	5.022	3.973	127.3E6	181.9E6	51.382	51.939m
6) B beta-BHC	4.329	3.676	57779354	73995035	50.157	51.570
7) B delta-BHC	4.569	3.895	123.3E6	192.2E6	54.173	52.795
8) B Heptachlo...	5.456	4.470	120.9E6	159.3E6	56.970	52.868
9) A Endosulfan I	5.840	4.833	101.2E6	137.5E6	47.455	48.023
10) B gamma-Chl...	5.712	4.718	111.6E6	151.2E6	49.446	49.337
11) B alpha-Chl...	5.788	4.780	109.1E6	146.1E6	47.159	49.028
12) B 4,4'-DDE	5.971	4.975	93332211	132.2E6	46.635	48.540
13) MA Dieldrin	6.117	5.095	100.4E6	142.8E6	46.580	48.207
14) MA Endrin	6.347	5.365	86632352	127.1E6	45.648	48.801
15) B Endosulfa...	6.577	5.662	77932070	112.5E6	41.538	49.423
16) A 4,4'-DDD	6.496	5.524	75797769	113.0E6	45.469	51.465m
17) MA 4,4'-DDT	6.805	5.771	73370639	104.6E6	40.936	48.236m
18) B Endrin al...	6.708	5.840	61971243	86911529	42.590	46.309
19) B Endosulfa...	6.942	6.063	80433046	112.8E6	43.715	47.394
20) A Methoxychlor	7.289	6.349	37441564	54718292	40.658	48.219
21) B Endrin ke...	7.427	6.559	80967419	129.4E6	43.036	50.070
22) Mirex	7.883	6.730	62294878	87441941	42.673	44.433

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110422\
Data File : PL078844.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2022 22:18
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

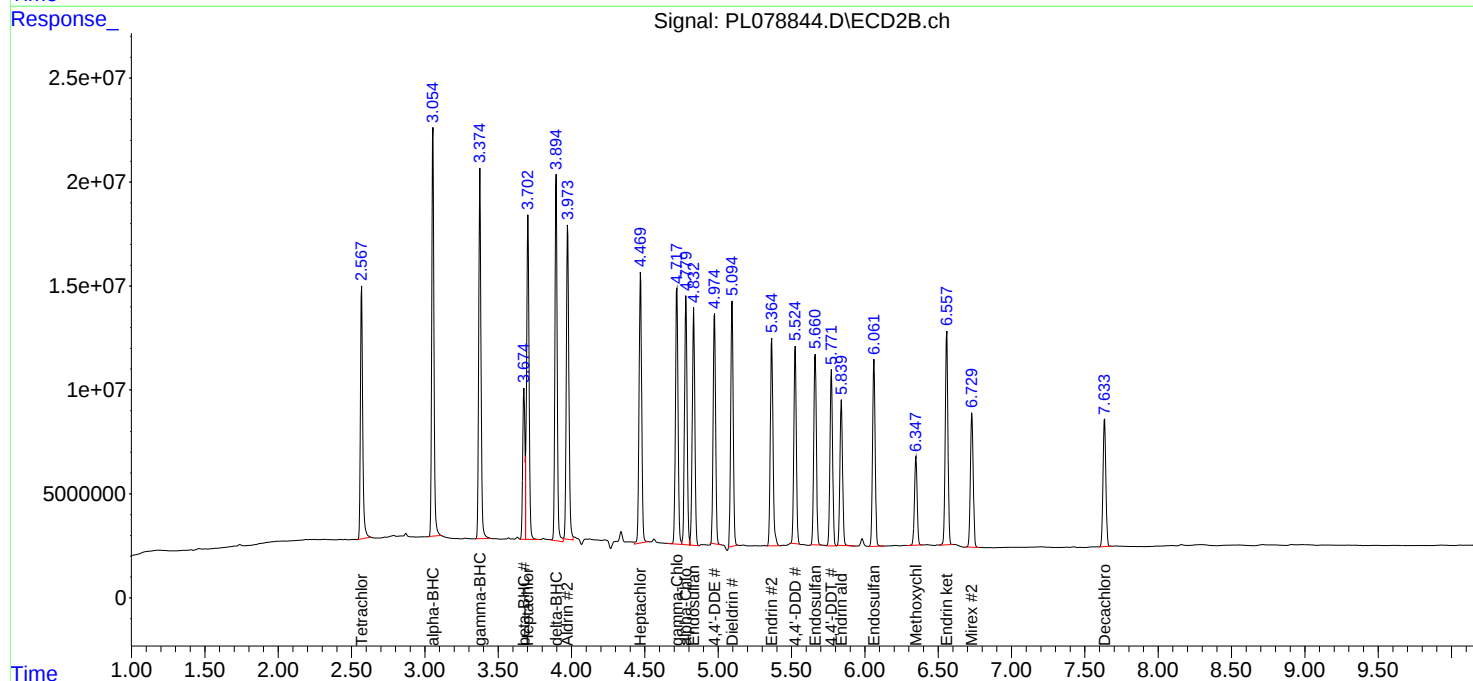
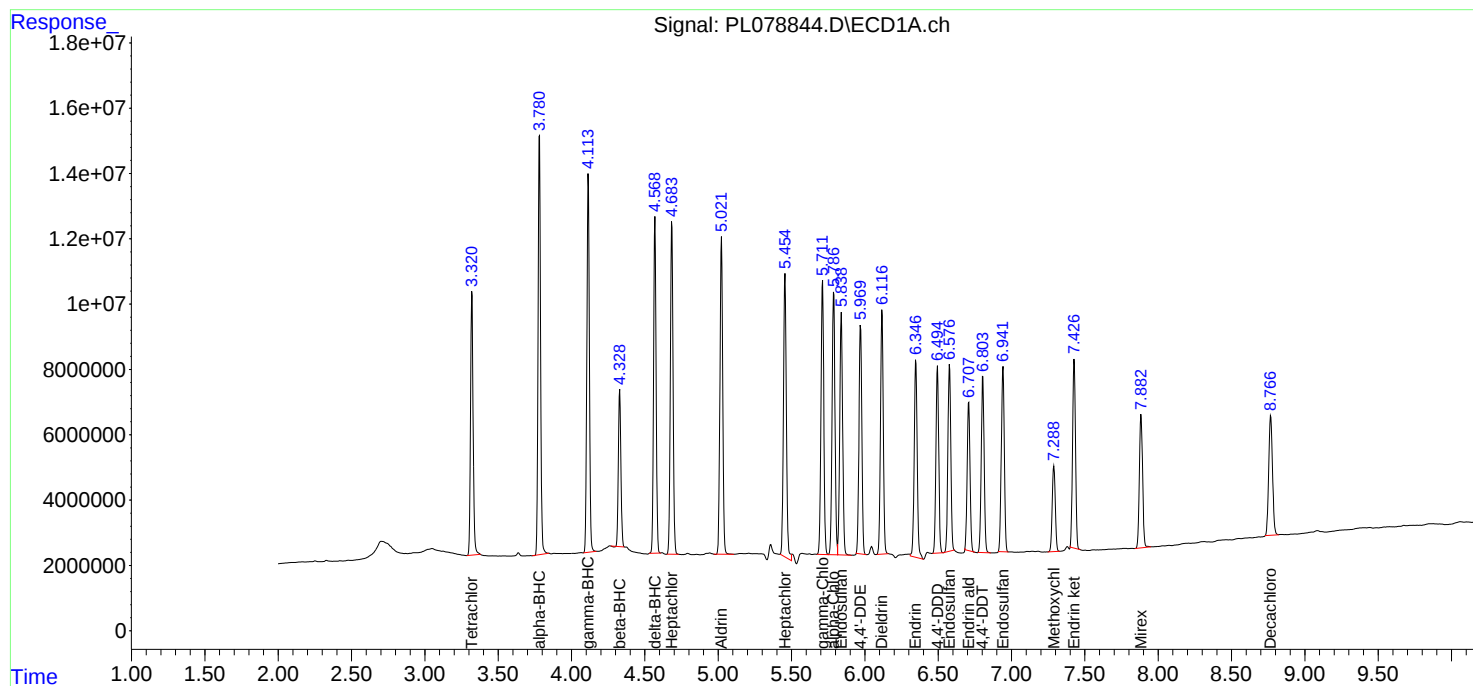
Manual Integrations

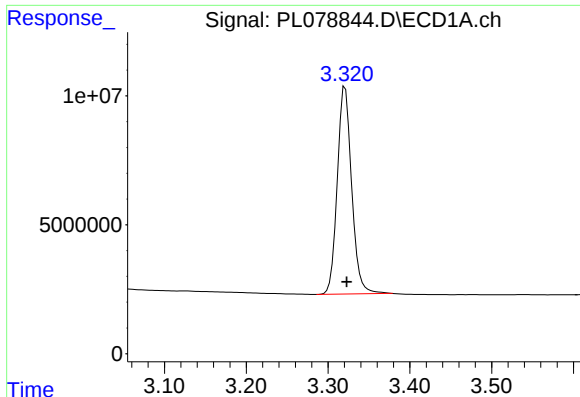
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Reviewed By :Abdul Mirza 11/07/2022
Supervised By :Ankita Jodhani 11/07/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 03:32:50 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
Quant Title : GC Extractables
QLast Update : Fri Oct 21 07:08:41 2022
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





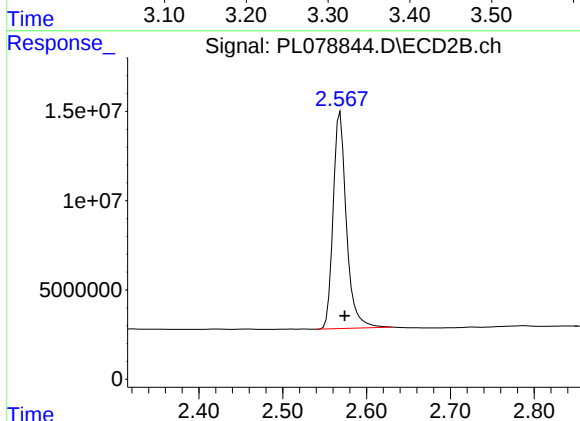
#1 Tetrachloro-m-xylene

R.T.: 3.321 min
Delta R.T.: -0.002 min
Response: 98518979
Conc: 51.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

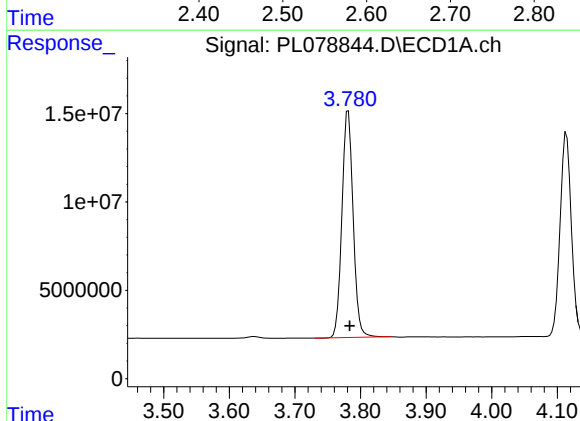
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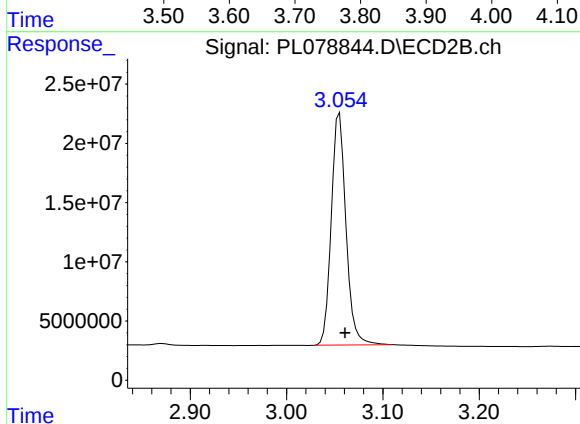
#1 Tetrachloro-m-xylene

R.T.: 2.569 min
Delta R.T.: -0.005 min
Response: 133228162
Conc: 52.18 ng/ml



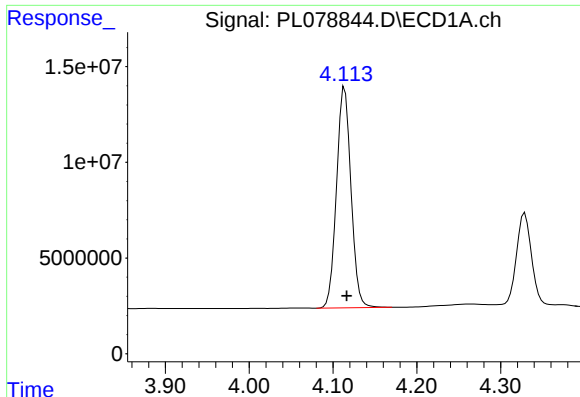
#2 alpha-BHC

R.T.: 3.781 min
Delta R.T.: -0.002 min
Response: 152359146
Conc: 53.06 ng/ml



#2 alpha-BHC

R.T.: 3.055 min
Delta R.T.: -0.006 min
Response: 208319534
Conc: 52.75 ng/ml



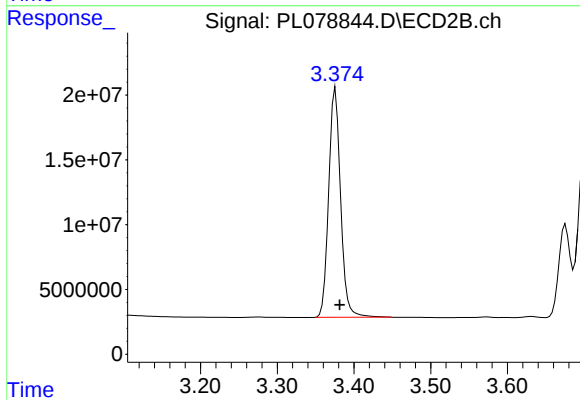
#3 gamma-BHC (Lindane)

R.T.: 4.114 min
Delta R.T.: -0.002 min
Response: 138086242
Conc: 51.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

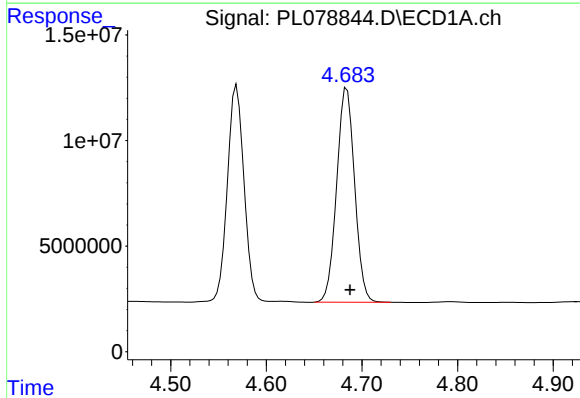
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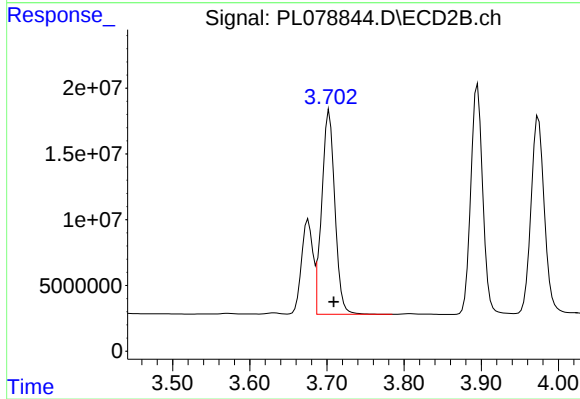
#3 gamma-BHC (Lindane)

R.T.: 3.376 min
Delta R.T.: -0.006 min
Response: 190899395
Conc: 53.11 ng/ml



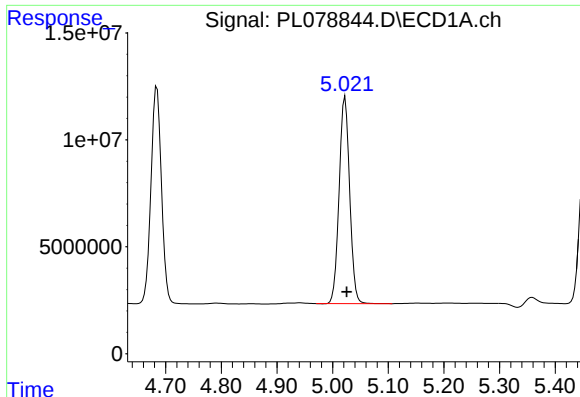
#4 Heptachlor

R.T.: 4.684 min
Delta R.T.: -0.003 min
Response: 132486253
Conc: 51.03 ng/ml



#4 Heptachlor

R.T.: 3.703 min
Delta R.T.: -0.006 min
Response: 183577168
Conc: 52.94 ng/ml



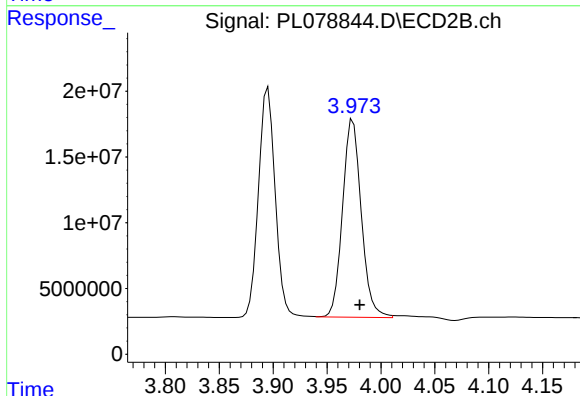
#5 Aldrin

R.T.: 5.022 min
Delta R.T.: -0.003 min
Response: 127259314
Conc: 51.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

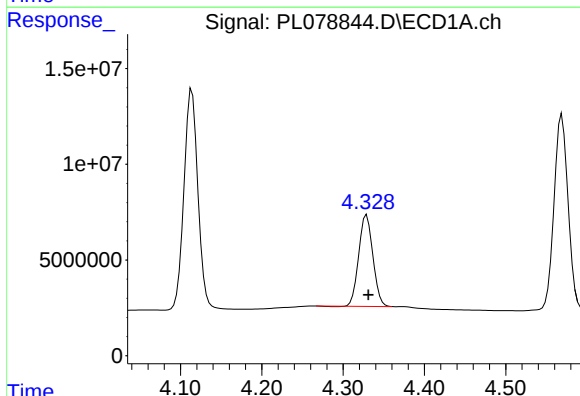
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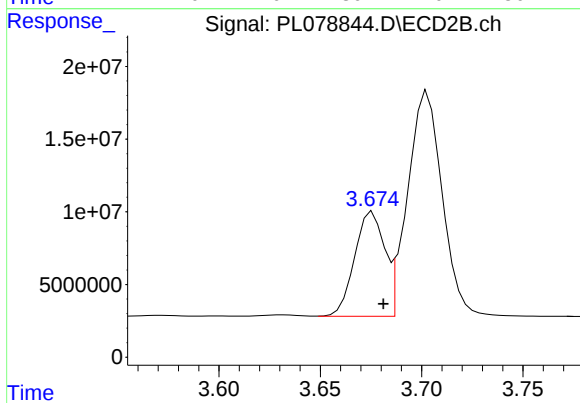
#5 Aldrin

R.T.: 3.973 min
Delta R.T.: -0.008 min
Response: 181876085
Conc: 51.94 ng/ml m



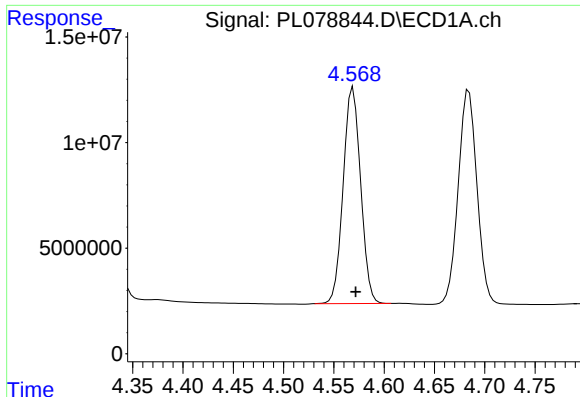
#6 beta-BHC

R.T.: 4.329 min
Delta R.T.: -0.002 min
Response: 57779354
Conc: 50.16 ng/ml



#6 beta-BHC

R.T.: 3.676 min
Delta R.T.: -0.005 min
Response: 73995035
Conc: 51.57 ng/ml



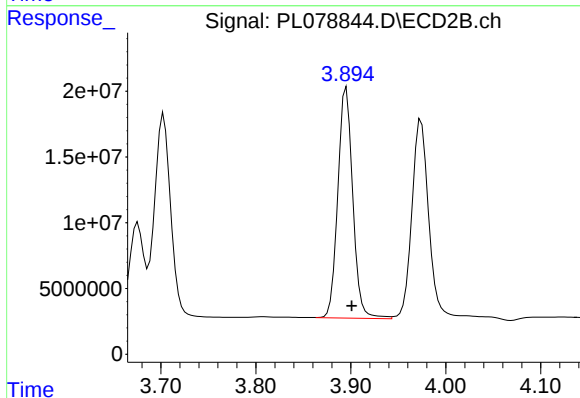
#7 delta-BHC

R.T.: 4.569 min
Delta R.T.: -0.002 min
Response: 123345268
Conc: 54.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

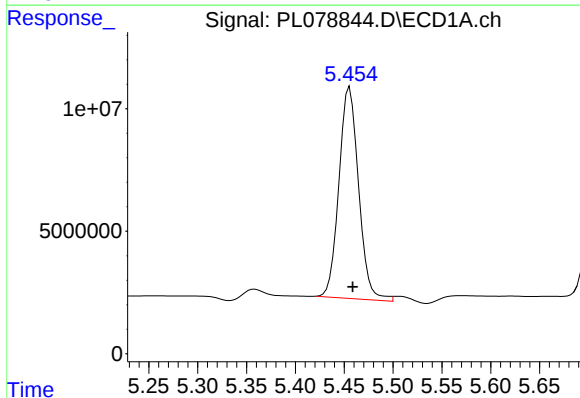
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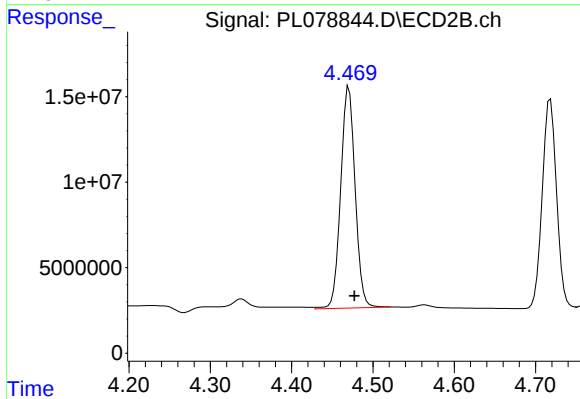
#7 delta-BHC

R.T.: 3.895 min
Delta R.T.: -0.006 min
Response: 192242253
Conc: 52.79 ng/ml



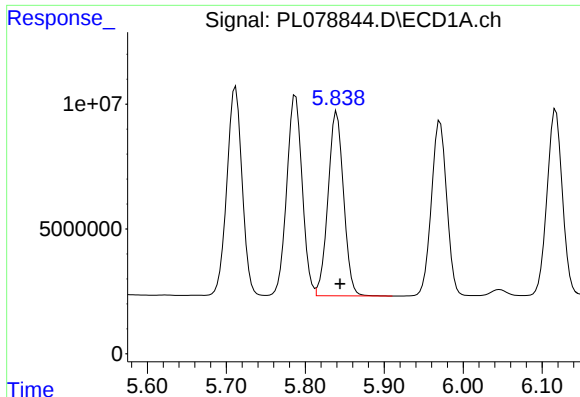
#8 Heptachlor epoxide

R.T.: 5.456 min
Delta R.T.: -0.003 min
Response: 120947188
Conc: 56.97 ng/ml



#8 Heptachlor epoxide

R.T.: 4.470 min
Delta R.T.: -0.007 min
Response: 159304060
Conc: 52.87 ng/ml



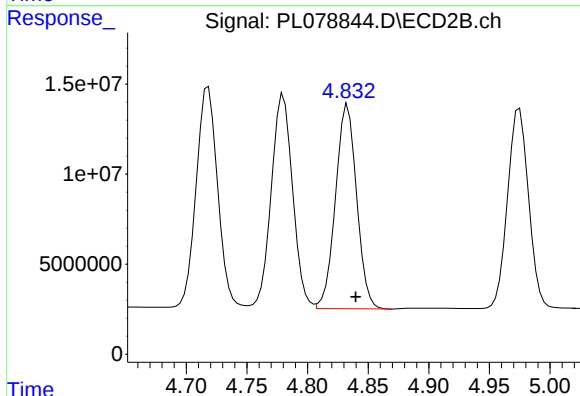
#9 Endosulfan I

R.T.: 5.840 min
Delta R.T.: -0.004 min
Response: 101249066
Conc: 47.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

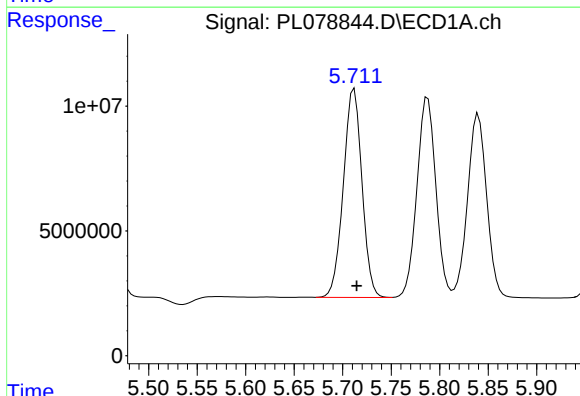
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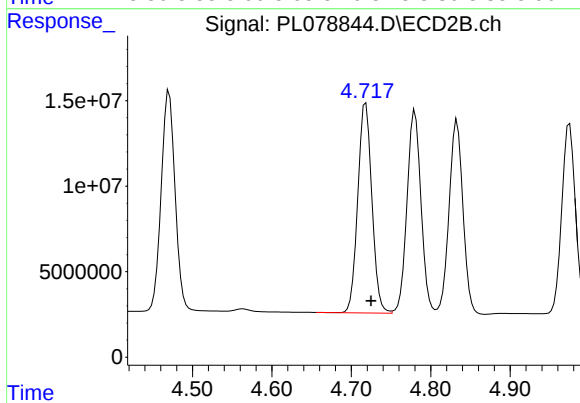
#9 Endosulfan I

R.T.: 4.833 min
Delta R.T.: -0.006 min
Response: 137471785
Conc: 48.02 ng/ml



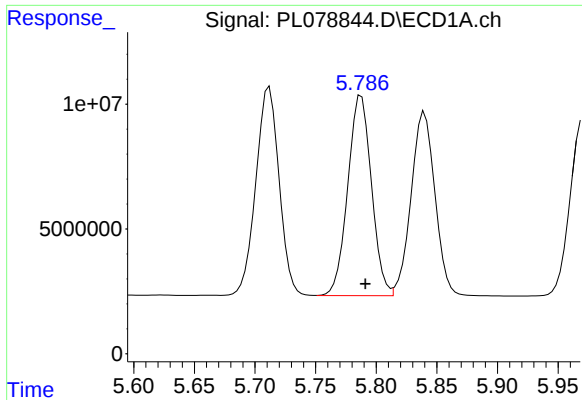
#10 gamma-Chlordane

R.T.: 5.712 min
Delta R.T.: -0.003 min
Response: 111606696
Conc: 49.45 ng/ml



#10 gamma-Chlordane

R.T.: 4.718 min
Delta R.T.: -0.007 min
Response: 151191441
Conc: 49.34 ng/ml



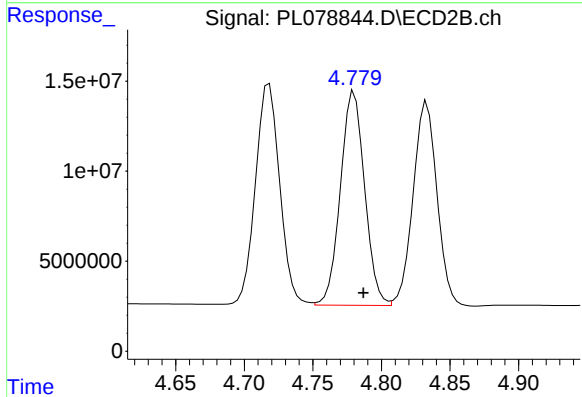
#11 alpha-Chlordane

R.T.: 5.788 min
Delta R.T.: -0.003 min
Response: 109116819
Conc: 47.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

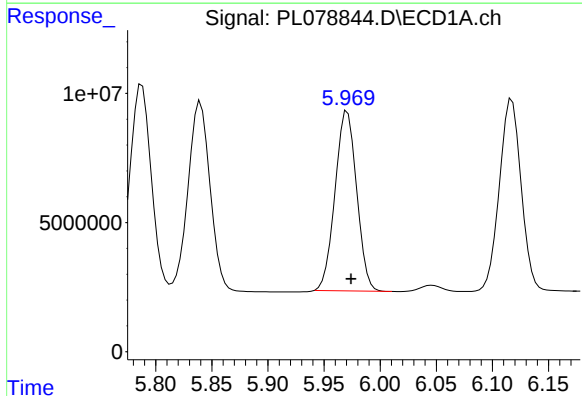
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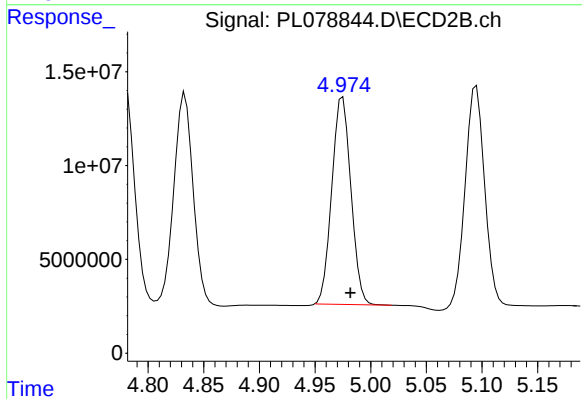
#11 alpha-Chlordane

R.T.: 4.780 min
Delta R.T.: -0.007 min
Response: 146122604
Conc: 49.03 ng/ml



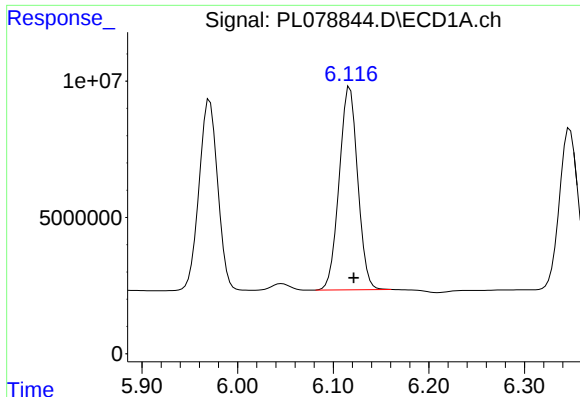
#12 4,4'-DDE

R.T.: 5.971 min
Delta R.T.: -0.003 min
Response: 93332211
Conc: 46.63 ng/ml



#12 4,4'-DDE

R.T.: 4.975 min
Delta R.T.: -0.007 min
Response: 132151624
Conc: 48.54 ng/ml



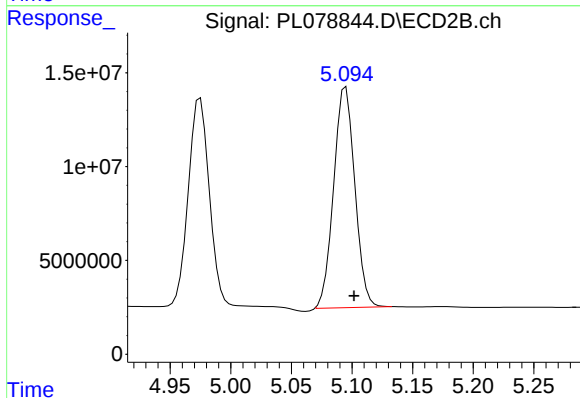
#13 Dieldrin

R.T.: 6.117 min
Delta R.T.: -0.004 min
Response: 100449482
Conc: 46.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

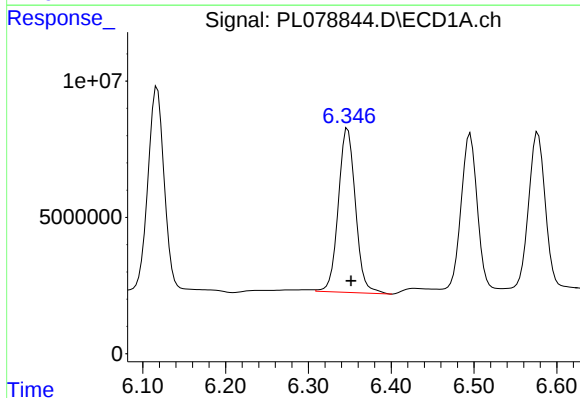
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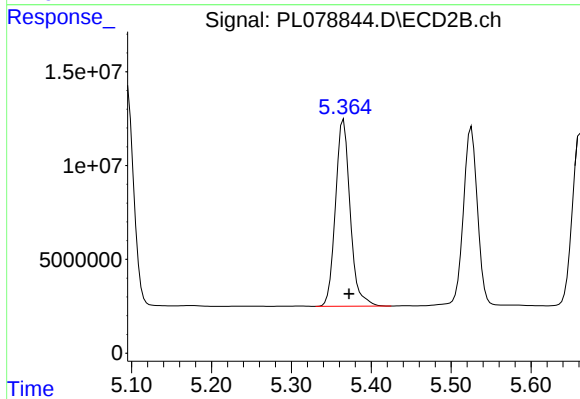
#13 Dieldrin

R.T.: 5.095 min
Delta R.T.: -0.007 min
Response: 142842753
Conc: 48.21 ng/ml



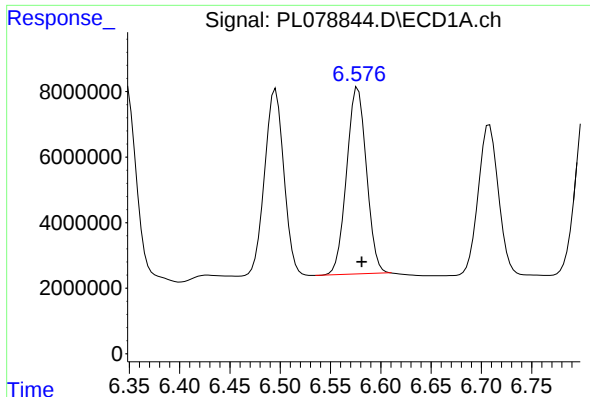
#14 Endrin

R.T.: 6.347 min
Delta R.T.: -0.004 min
Response: 86632352
Conc: 45.65 ng/ml



#14 Endrin

R.T.: 5.365 min
Delta R.T.: -0.007 min
Response: 127139019
Conc: 48.80 ng/ml



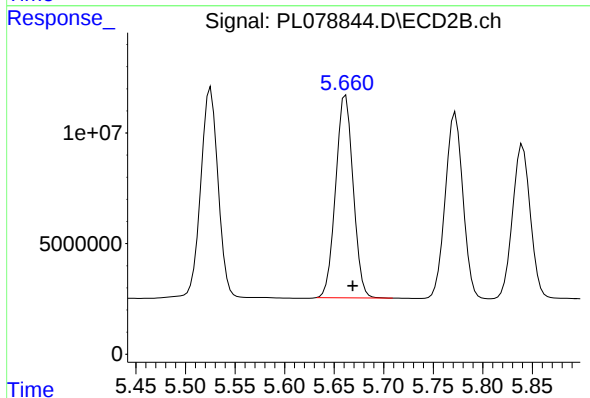
#15 Endosulfan II

R.T.: 6.577 min
Delta R.T.: -0.004 min
Response: 77932070
Conc: 41.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

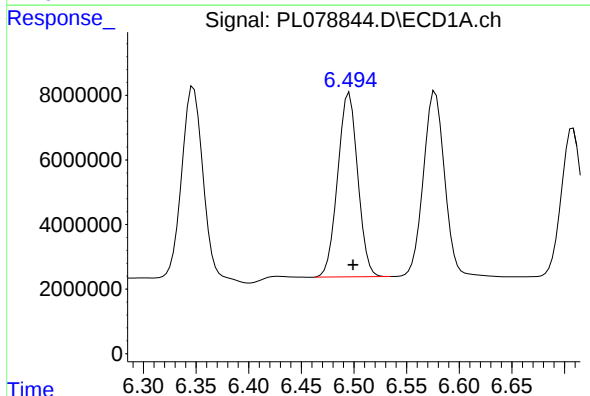
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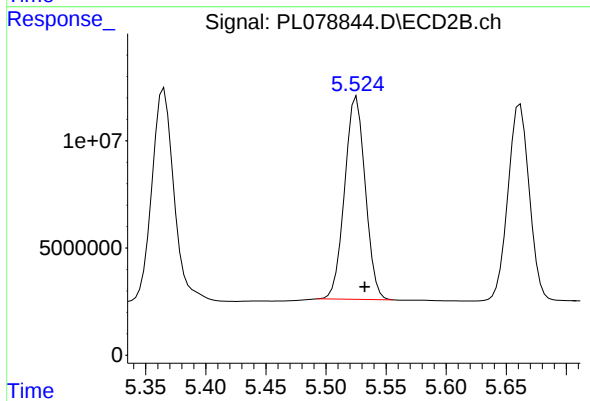
#15 Endosulfan II

R.T.: 5.662 min
Delta R.T.: -0.007 min
Response: 112501074
Conc: 49.42 ng/ml



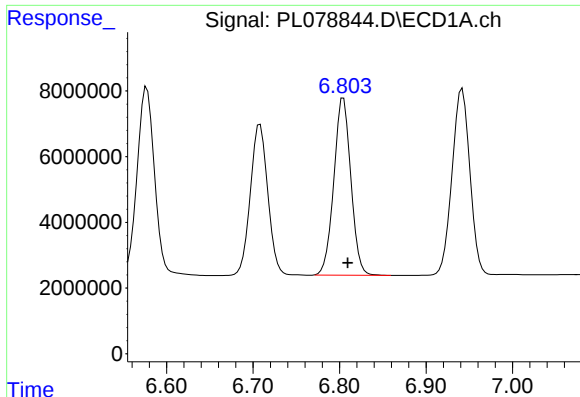
#16 4,4'-DDD

R.T.: 6.496 min
Delta R.T.: -0.003 min
Response: 75797769
Conc: 45.47 ng/ml



#16 4,4'-DDD

R.T.: 5.524 min
Delta R.T.: -0.008 min
Response: 113037698
Conc: 51.47 ng/ml m



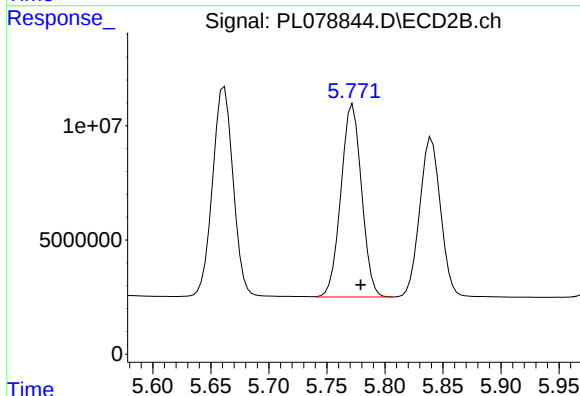
#17 4,4'-DDT

R.T.: 6.805 min
Delta R.T.: -0.005 min
Response: 73370639
Conc: 40.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

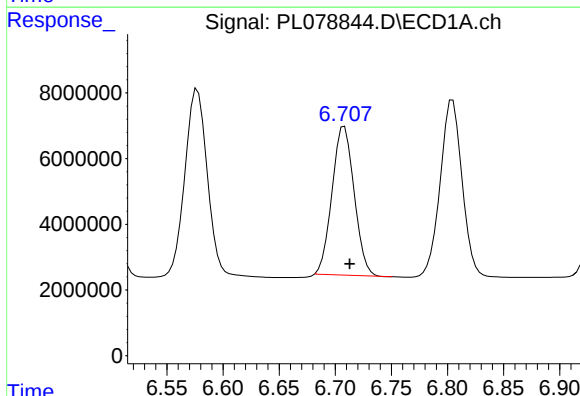
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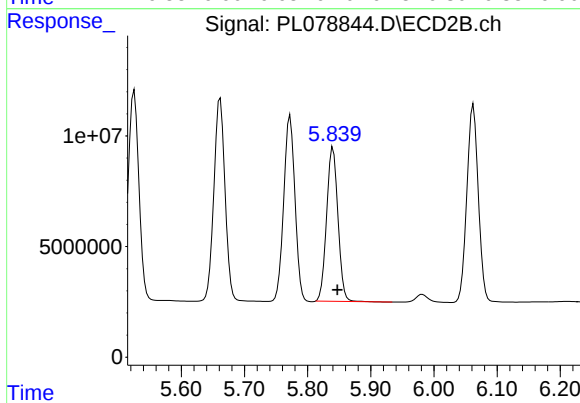
#17 4,4'-DDT

R.T.: 5.771 min
Delta R.T.: -0.008 min
Response: 104629584
Conc: 48.24 ng/ml m



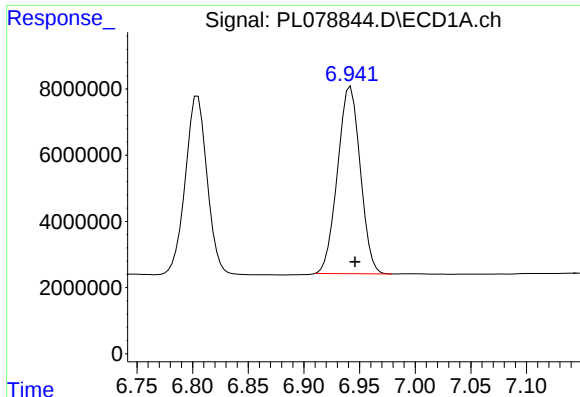
#18 Endrin aldehyde

R.T.: 6.708 min
Delta R.T.: -0.005 min
Response: 61971243
Conc: 42.59 ng/ml



#18 Endrin aldehyde

R.T.: 5.840 min
Delta R.T.: -0.007 min
Response: 86911529
Conc: 46.31 ng/ml



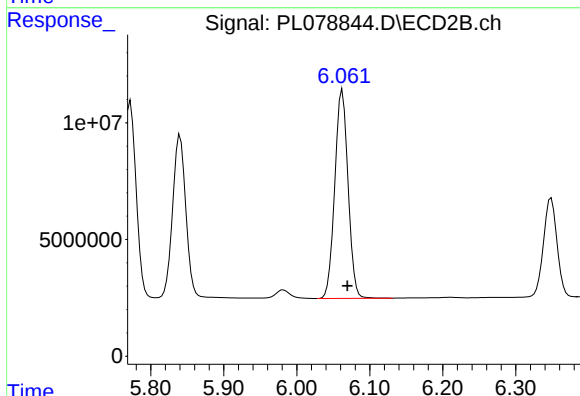
#19 Endosulfan Sulfate

R.T.: 6.942 min
Delta R.T.: -0.004 min
Response: 80433046
Conc: 43.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

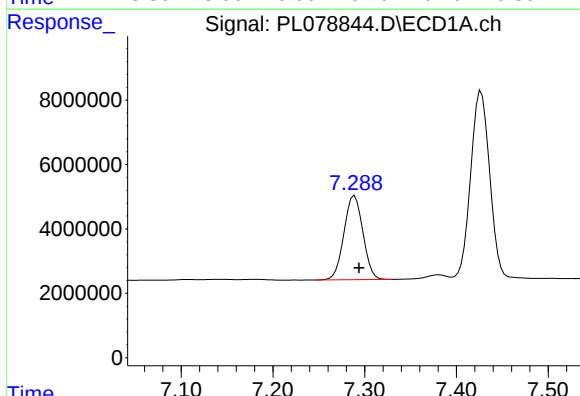
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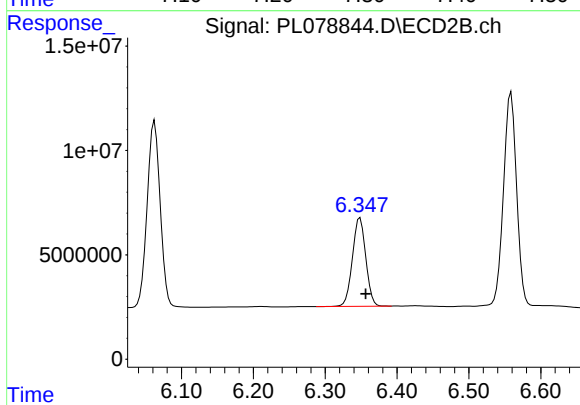
#19 Endosulfan Sulfate

R.T.: 6.063 min
Delta R.T.: -0.007 min
Response: 112820398
Conc: 47.39 ng/ml



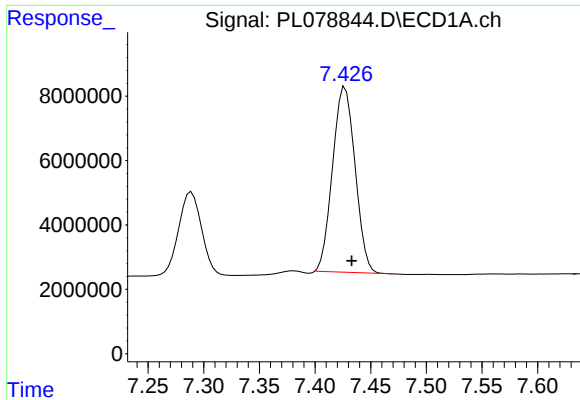
#20 Methoxychlor

R.T.: 7.289 min
Delta R.T.: -0.005 min
Response: 37441564
Conc: 40.66 ng/ml



#20 Methoxychlor

R.T.: 6.349 min
Delta R.T.: -0.008 min
Response: 54718292
Conc: 48.22 ng/ml



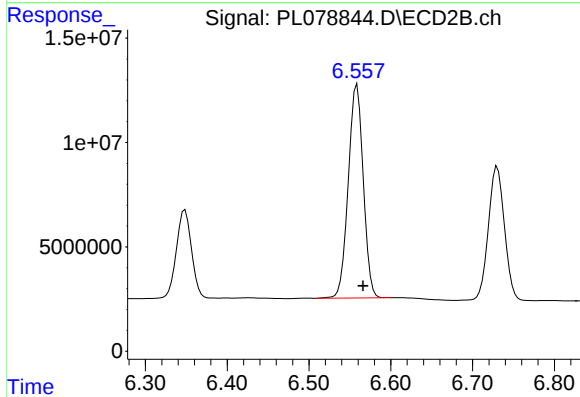
#21 Endrin ketone

R.T.: 7.427 min
Delta R.T.: -0.006 min
Response: 80967419
Conc: 43.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

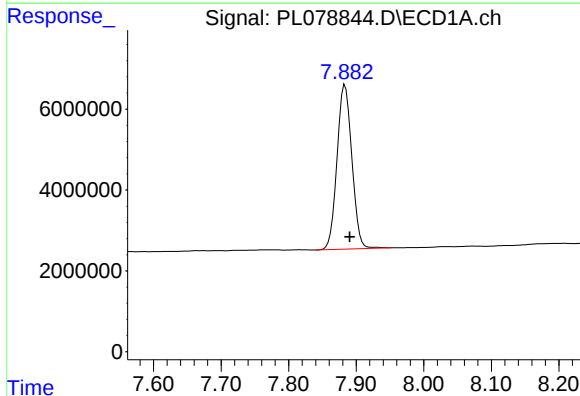
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/07/2022
Supervised By :Ankita Jodhani 11/07/2022



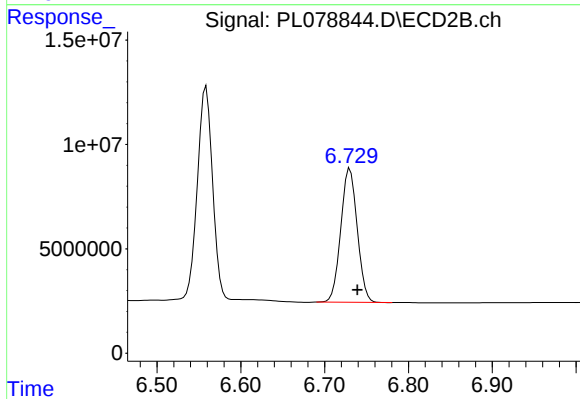
#21 Endrin ketone

R.T.: 6.559 min
Delta R.T.: -0.007 min
Response: 129418790
Conc: 50.07 ng/ml



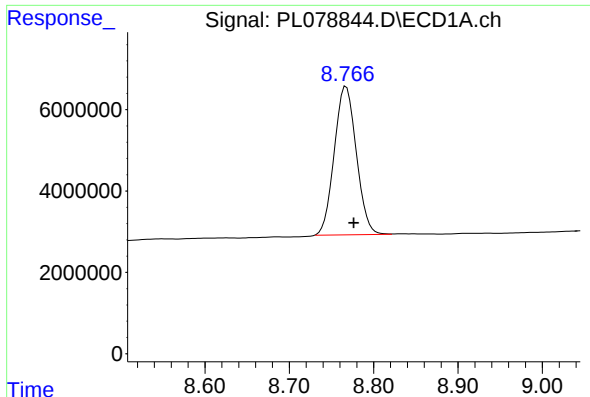
#22 Mirex

R.T.: 7.883 min
Delta R.T.: -0.007 min
Response: 62294878
Conc: 42.67 ng/ml



#22 Mirex

R.T.: 6.730 min
Delta R.T.: -0.009 min
Response: 87441941
Conc: 44.43 ng/ml



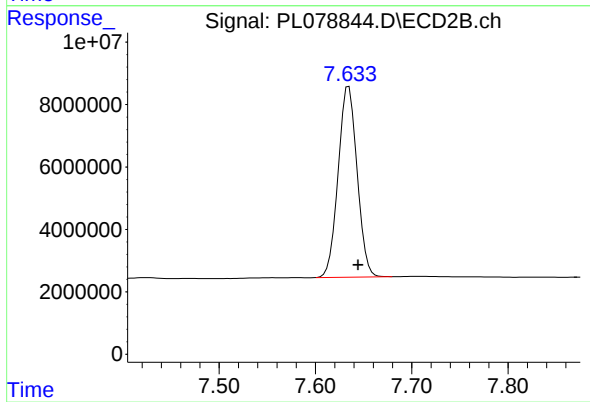
#28 Decachlorobiphenyl

R.T.: 8.767 min
Delta R.T.: -0.009 min
Response: 66277917
Conc: 44.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/07/2022
Supervised By :Ankita Jodhani 11/07/2022



#28 Decachlorobiphenyl

R.T.: 7.635 min
Delta R.T.: -0.010 min
Response: 83502569
Conc: 44.09 ng/ml