

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101822\
 Data File : PL078416.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Oct 2022 16:10
 Operator : AR\AJ
 Sample : N5160-01MS 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 HD-1-101422MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/19/2022
 Supervised By :Ankita Jodhani 10/19/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 19 04:51:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101222.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 12 15:30:54 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...	3.412	2.620	3145920	6519717	1.904m	2.467m#
2) SA Decachlor...	8.913	7.716	5571965	5260909	3.609	2.420 #
Target Compounds						
2) A alpha-BHC	3.879	3.114	13621442	26185695	5.417	6.291
3) MA gamma-BHC...	4.215	3.437	13774704	22719501	5.907	6.520
4) MA Heptachlor	4.790	3.768	12466314	24067446	5.608	6.739
5) MB Aldrin	5.130	4.039	14860615	25287613	7.096	7.433m
6) B beta-BHC	4.427	3.738	14300153	9007193	14.378m	6.110 #
7) B delta-BHC	4.672	3.958	12120611	22624292	6.595	6.120m
8) B Heptachlo...	5.563	4.539	10944610	19022818	7.189m	6.456m
9) A Endosulfan I	5.949	4.908	8404873	12076705	5.007m	4.379
10) B gamma-Chl...	5.819	4.788	25912518	39898902	14.543	13.329m
11) B alpha-Chl...	5.895	4.851	23609904	43079616	13.184m	14.960
12) B 4,4'-DDE	6.073	5.046	9776509	25615011	5.801	8.960 #
13) MA Dieldrin	6.228	5.169	11599591	34145221	6.742	11.653 #
14) MA Endrin	6.459	5.441	6383516	20326561	4.278	8.825 #
15) B Endosulfa...	6.688	5.739	9932346	24431158	7.409	9.980 #
16) A 4,4'-DDD	6.600	5.599	7779676	12751738	6.318	5.725
17) MA 4,4'-DDT	6.912	5.847	12459566	23098288	8.511	10.176
18) B Endrin al...	6.819	5.917	7032592	12881803	6.145	6.962
19) B Endosulfa...	7.052	6.140	7970616	14404706	5.588	5.984
20) A Methoxychlor	7.395	6.424	4152984	9395984	5.481	7.439m#
21) B Endrin ke...	7.542	6.639	10435530	17064171	6.689	6.441
22) Mirex	7.997	6.814	6931189	11395117	5.868m	5.923

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101822\
 Data File : PL078416.D
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 Acq On : 18 Oct 2022 16:10
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 Sample : N5160-01MS 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

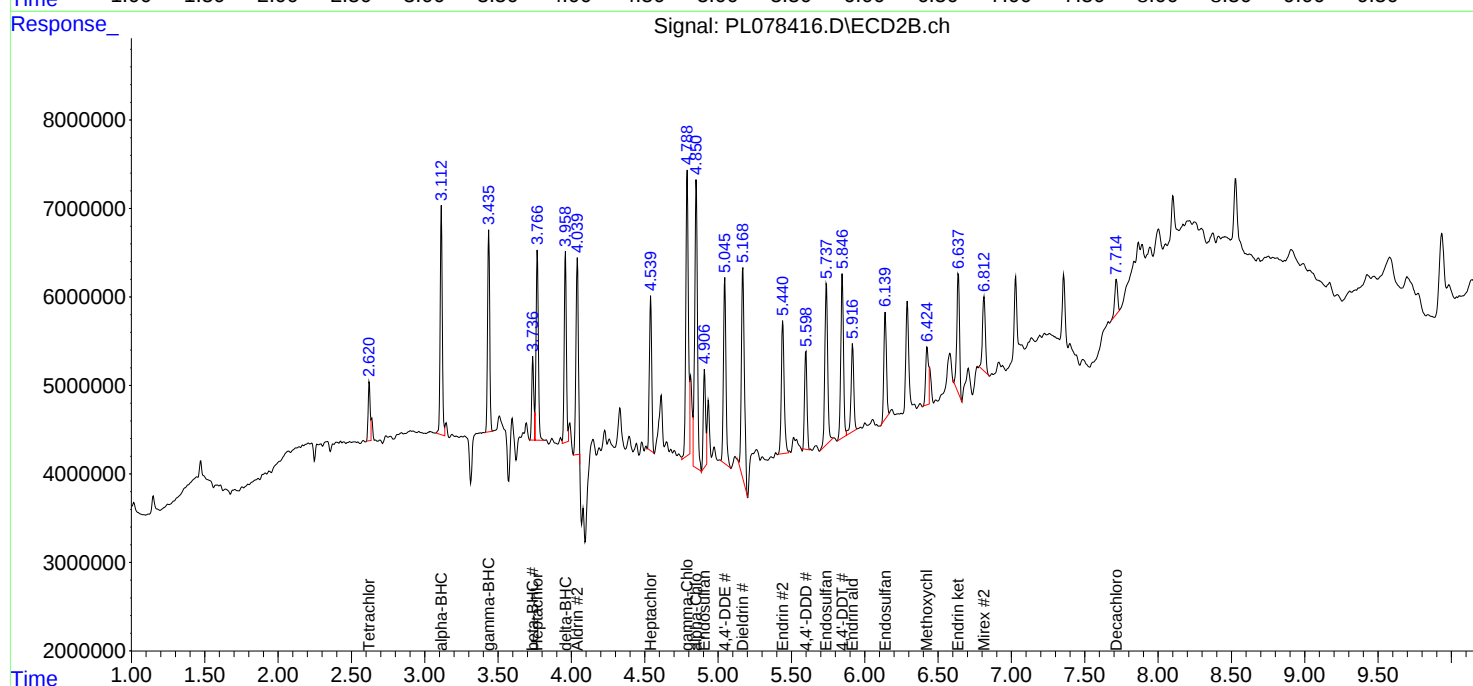
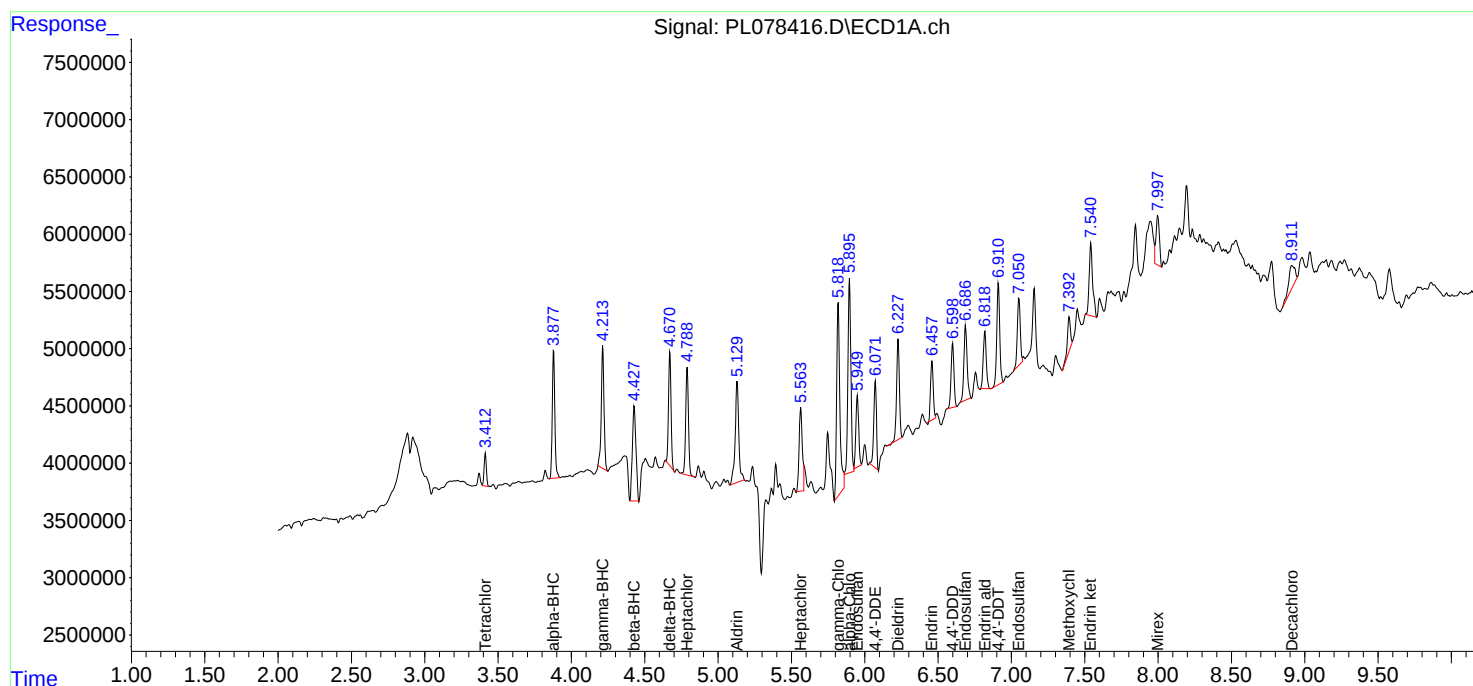
Instrument :
 ECD_L
 ClientSampleId :
 HD-1-101422MS

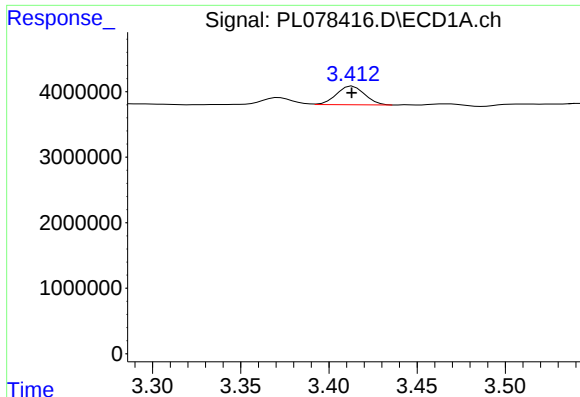
Manual Integrations APPROVED

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 Supervised By : Ankita Jodhani 10/19/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 19 04:51:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101222.M
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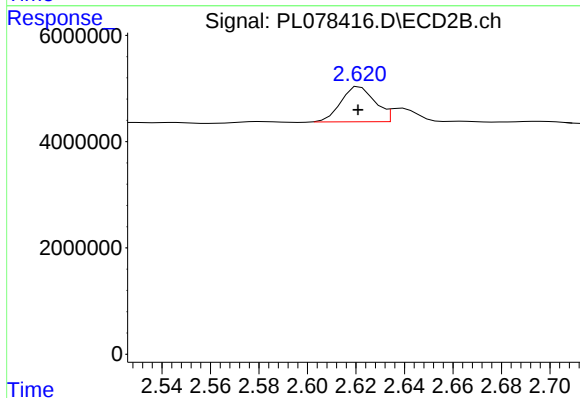
#1 Tetrachloro-m-xylene

R.T.: 3.412 min
Delta R.T.: 0.000 min
Response: 3145920
Conc: 1.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-1-101422MS

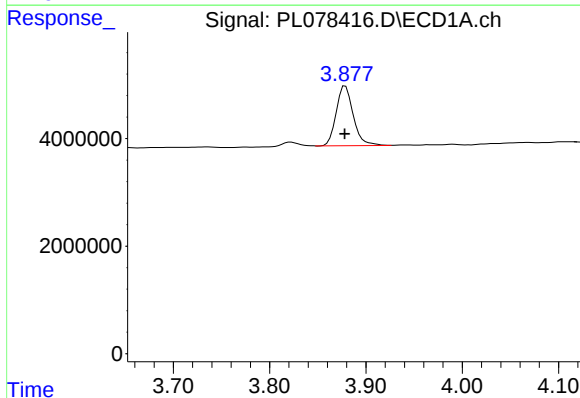
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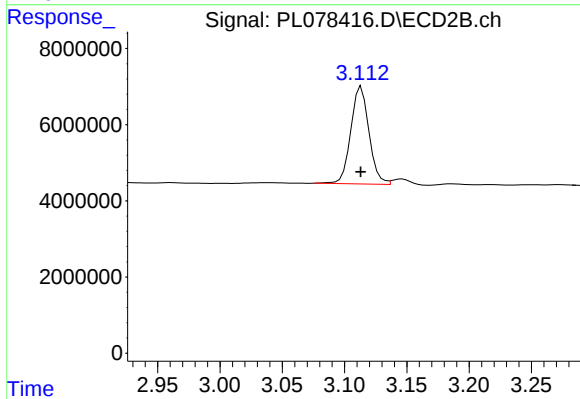
#1 Tetrachloro-m-xylene

R.T.: 2.620 min
Delta R.T.: 0.000 min
Response: 6519717
Conc: 2.47 ng/ml m



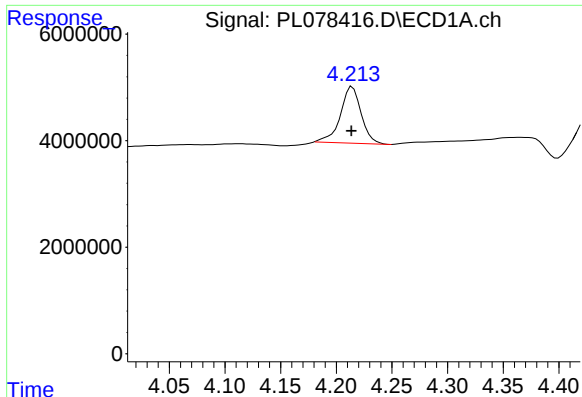
#2 alpha-BHC

R.T.: 3.879 min
Delta R.T.: 0.000 min
Response: 13621442
Conc: 5.42 ng/ml



#2 alpha-BHC

R.T.: 3.114 min
Delta R.T.: 0.000 min
Response: 26185695
Conc: 6.29 ng/ml



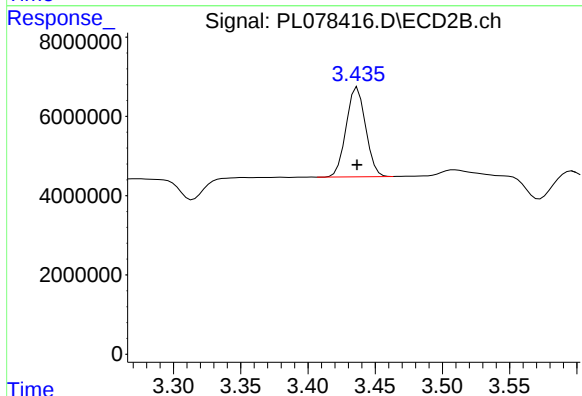
#3 gamma-BHC (Lindane)

R.T.: 4.215 min
Delta R.T.: 0.001 min
Response: 13774704
Conc: 5.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-1-101422MS

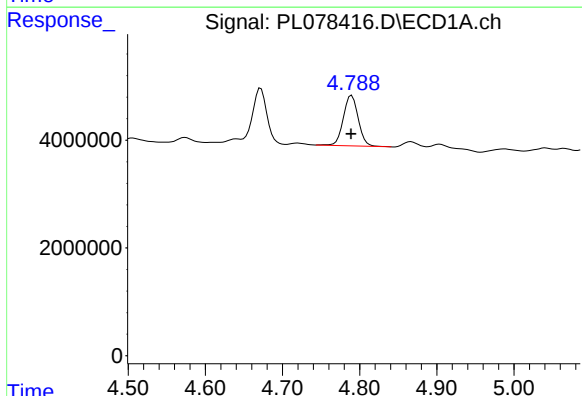
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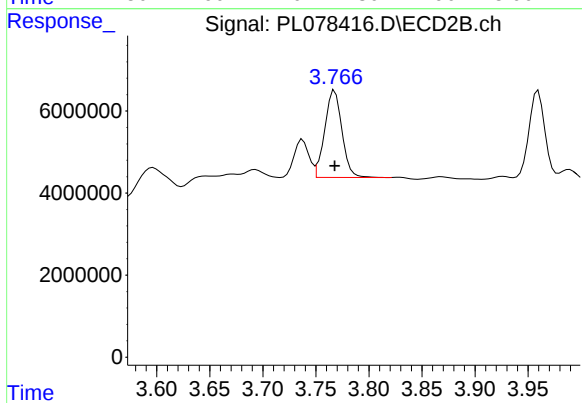
#3 gamma-BHC (Lindane)

R.T.: 3.437 min
Delta R.T.: 0.000 min
Response: 22719501
Conc: 6.52 ng/ml



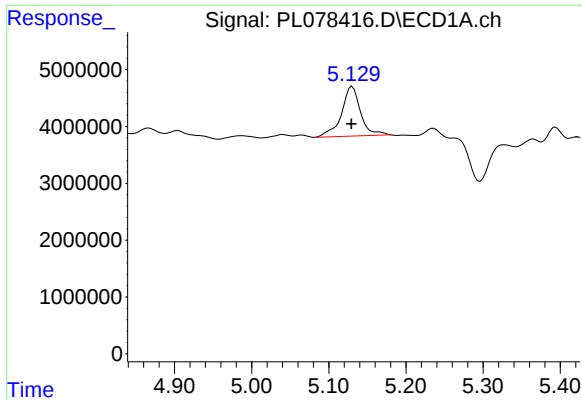
#4 Heptachlor

R.T.: 4.790 min
Delta R.T.: 0.000 min
Response: 12466314
Conc: 5.61 ng/ml



#4 Heptachlor

R.T.: 3.768 min
Delta R.T.: 0.000 min
Response: 24067446
Conc: 6.74 ng/ml



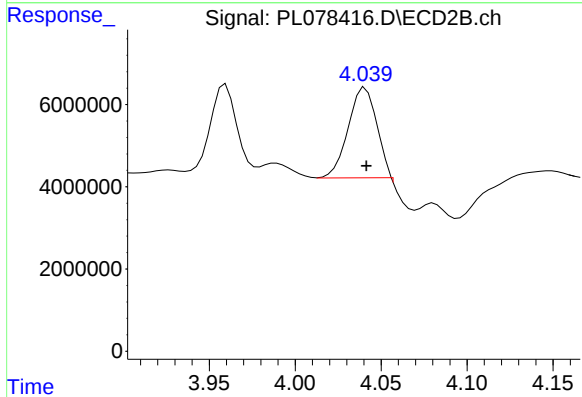
#5 Aldrin

R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 14860615
Conc: 7.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-1-101422MS

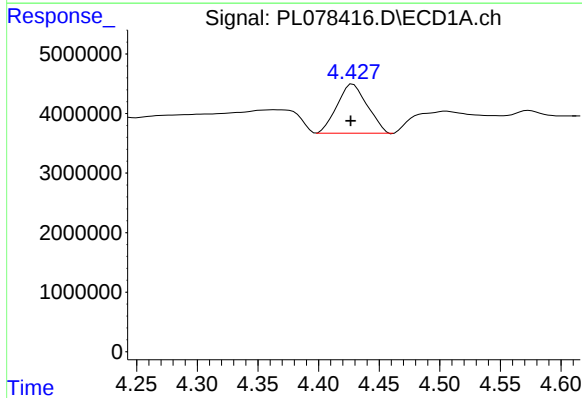
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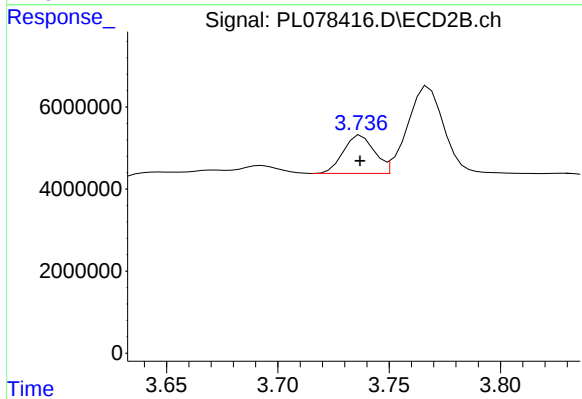
#5 Aldrin

R.T.: 4.039 min
Delta R.T.: -0.002 min
Response: 25287613
Conc: 7.43 ng/ml m



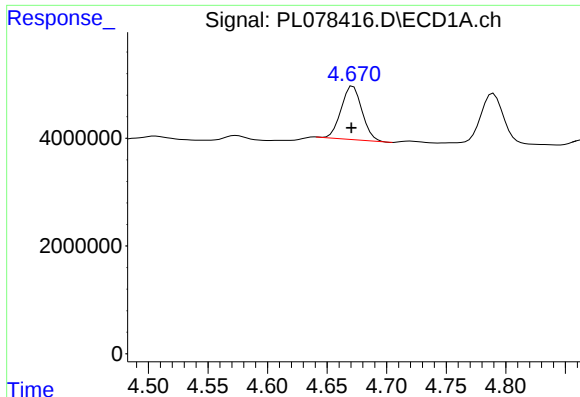
#6 beta-BHC

R.T.: 4.427 min
Delta R.T.: 0.000 min
Response: 14300153
Conc: 14.38 ng/ml m



#6 beta-BHC

R.T.: 3.738 min
Delta R.T.: 0.000 min
Response: 9007193
Conc: 6.11 ng/ml



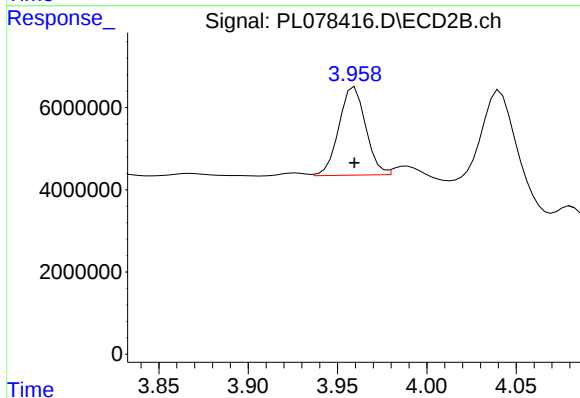
#7 delta-BHC

R.T.: 4.672 min
Delta R.T.: 0.001 min
Response: 12120611
Conc: 6.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-1-101422MS

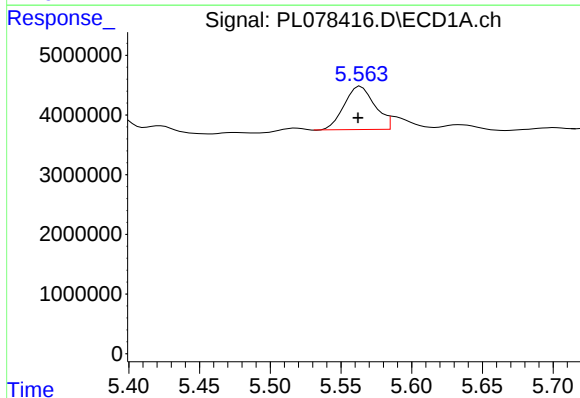
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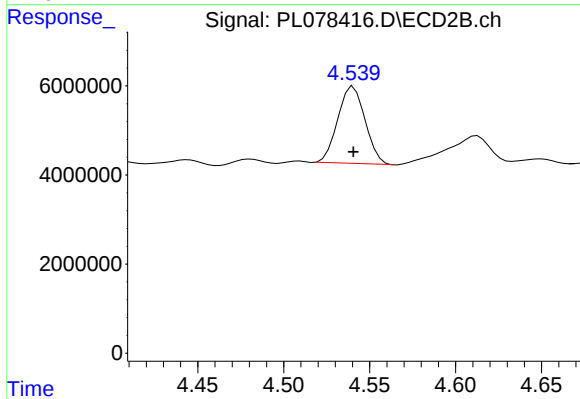
#7 delta-BHC

R.T.: 3.958 min
Delta R.T.: -0.001 min
Response: 22624292
Conc: 6.12 ng/ml m



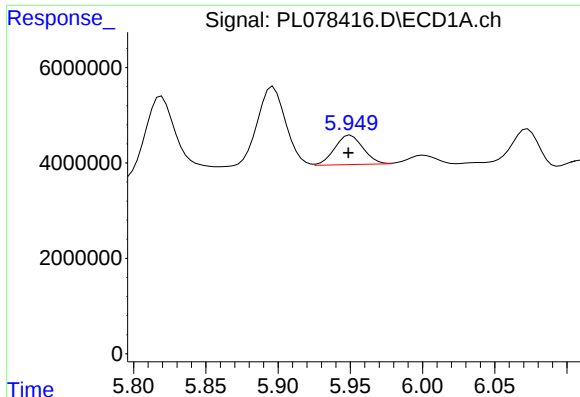
#8 Heptachlor epoxide

R.T.: 5.563 min
Delta R.T.: 0.000 min
Response: 10944610
Conc: 7.19 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.539 min
Delta R.T.: -0.001 min
Response: 19022818
Conc: 6.46 ng/ml m



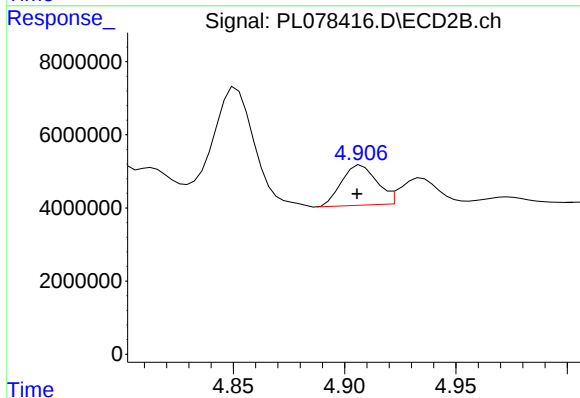
#9 Endosulfan I

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 8404873
Conc: 5.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-1-101422MS

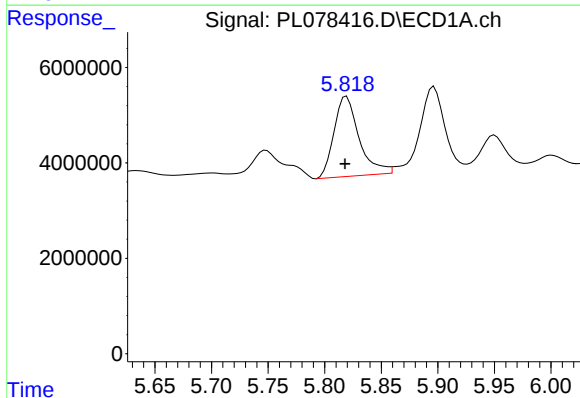
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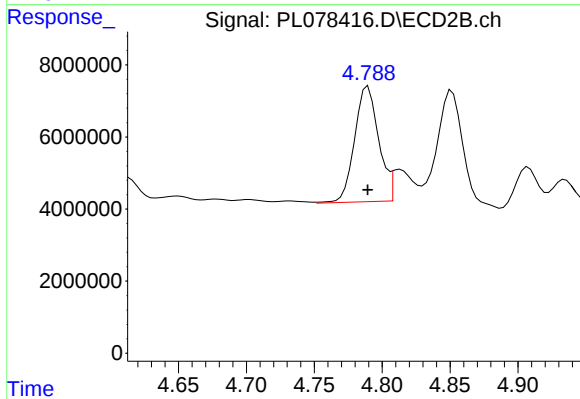
#9 Endosulfan I

R.T.: 4.908 min
Delta R.T.: 0.002 min
Response: 12076705
Conc: 4.38 ng/ml



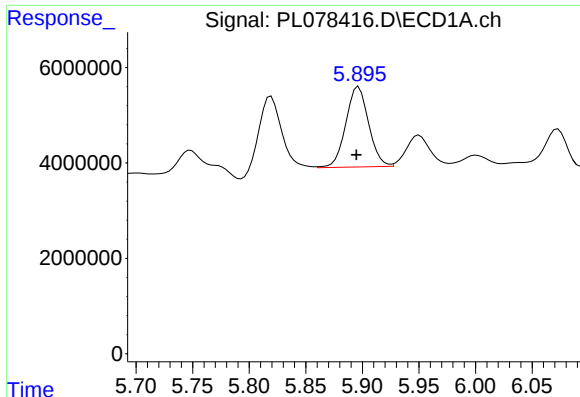
#10 gamma-Chlordane

R.T.: 5.819 min
Delta R.T.: 0.001 min
Response: 25912518
Conc: 14.54 ng/ml



#10 gamma-Chlordane

R.T.: 4.788 min
Delta R.T.: -0.001 min
Response: 39898902
Conc: 13.33 ng/ml m



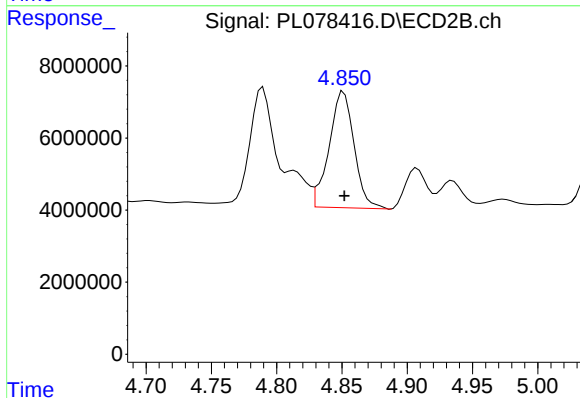
#11 alpha-Chlordane

R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 23609904
Conc: 13.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-1-101422MS

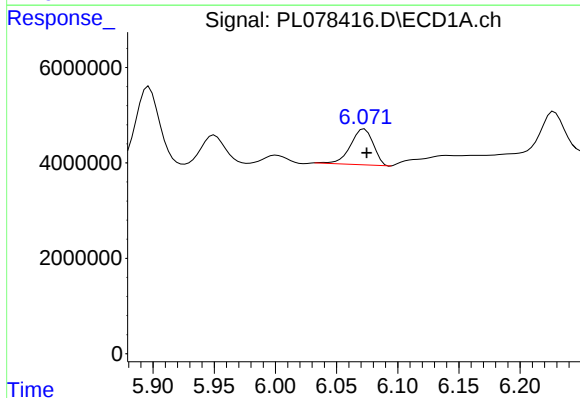
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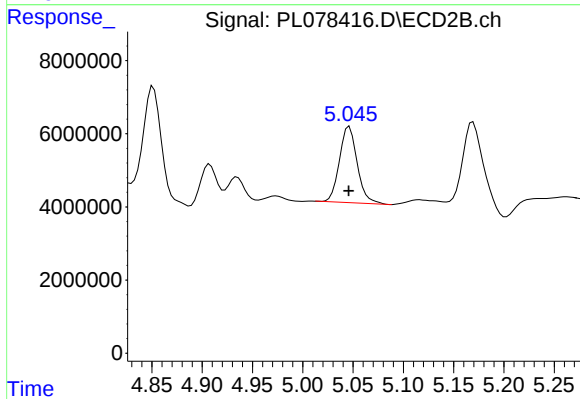
#11 alpha-Chlordane

R.T.: 4.851 min
Delta R.T.: 0.000 min
Response: 43079616
Conc: 14.96 ng/ml



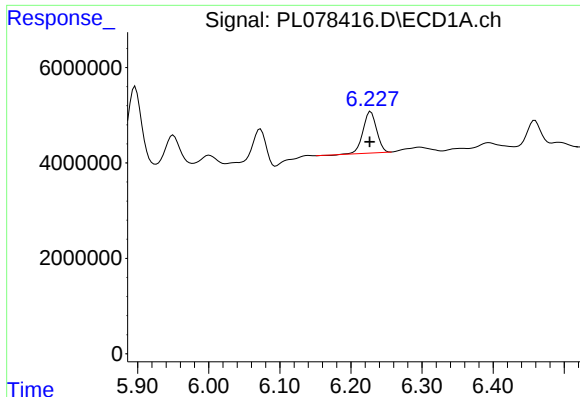
#12 4,4'-DDE

R.T.: 6.073 min
Delta R.T.: -0.002 min
Response: 9776509
Conc: 5.80 ng/ml



#12 4,4'-DDE

R.T.: 5.046 min
Delta R.T.: 0.000 min
Response: 25615011
Conc: 8.96 ng/ml



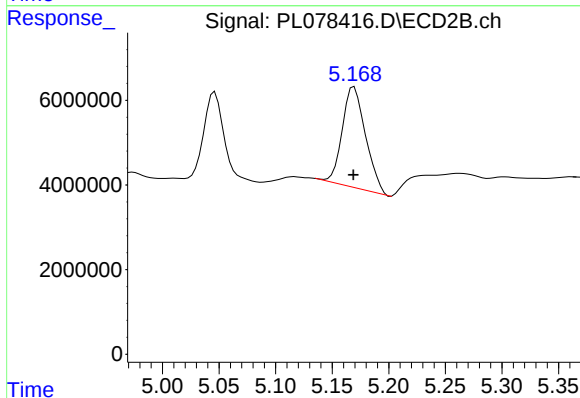
#13 Dieldrin

R.T.: 6.228 min
Delta R.T.: 0.002 min
Response: 11599591
Conc: 6.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-1-101422MS

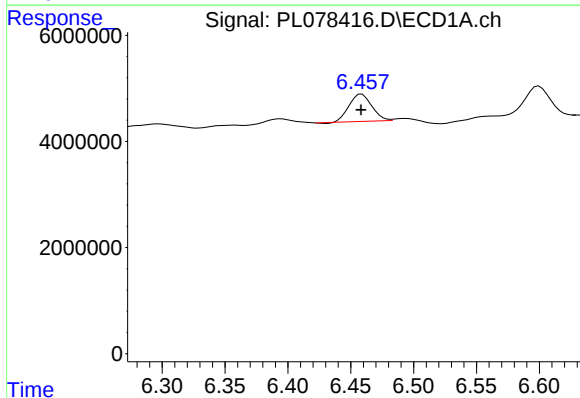
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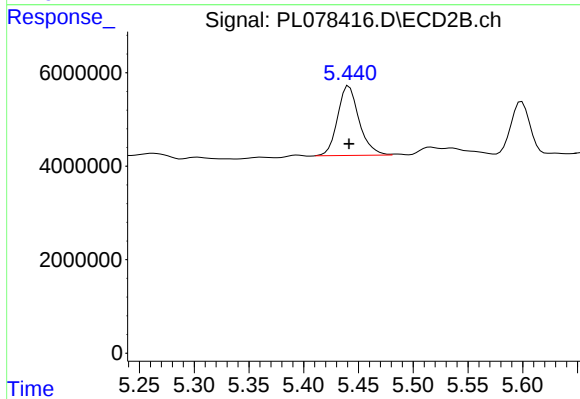
#13 Dieldrin

R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 34145221
Conc: 11.65 ng/ml



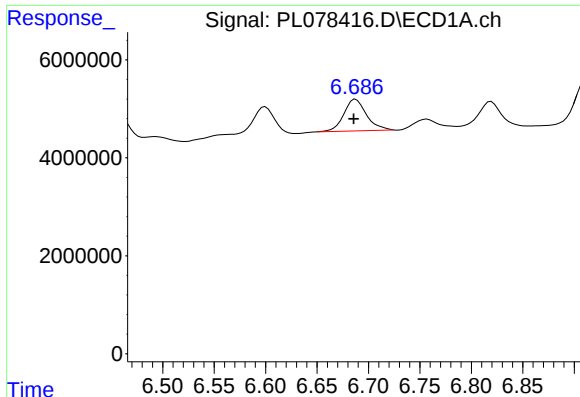
#14 Endrin

R.T.: 6.459 min
Delta R.T.: 0.000 min
Response: 6383516
Conc: 4.28 ng/ml



#14 Endrin

R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 20326561
Conc: 8.82 ng/ml



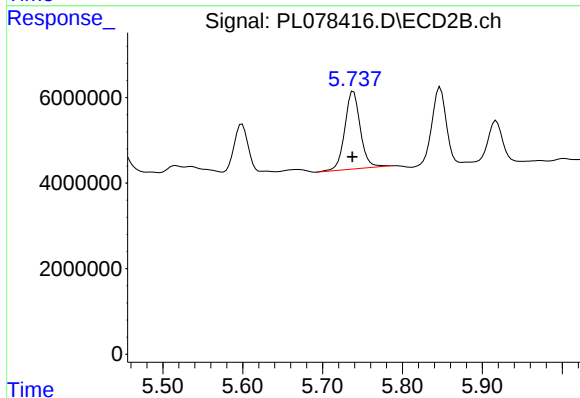
#15 Endosulfan II

R.T.: 6.688 min
Delta R.T.: 0.002 min
Response: 9932346
Conc: 7.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
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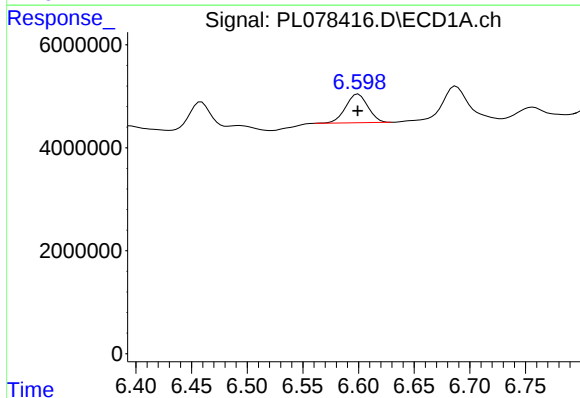
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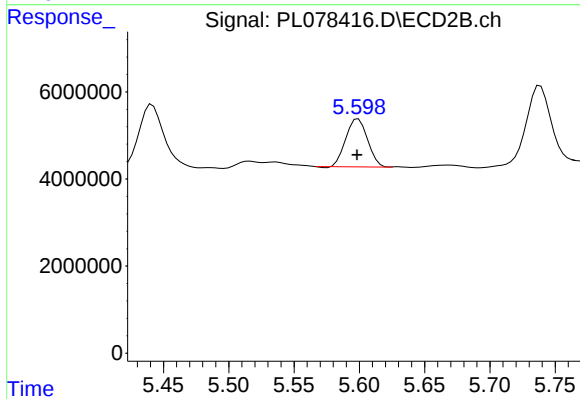
#15 Endosulfan II

R.T.: 5.739 min
Delta R.T.: 0.001 min
Response: 24431158
Conc: 9.98 ng/ml



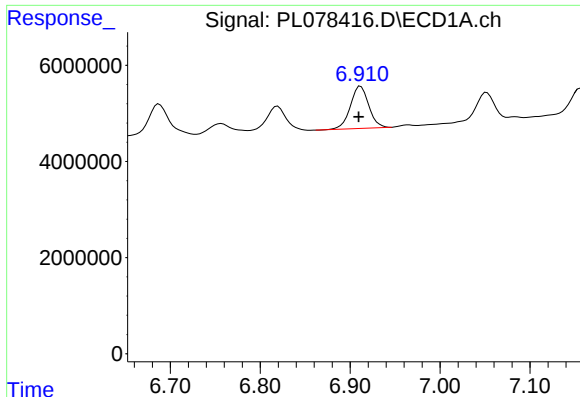
#16 4,4'-DDD

R.T.: 6.600 min
Delta R.T.: 0.000 min
Response: 7779676
Conc: 6.32 ng/ml



#16 4,4'-DDD

R.T.: 5.599 min
Delta R.T.: 0.000 min
Response: 12751738
Conc: 5.72 ng/ml



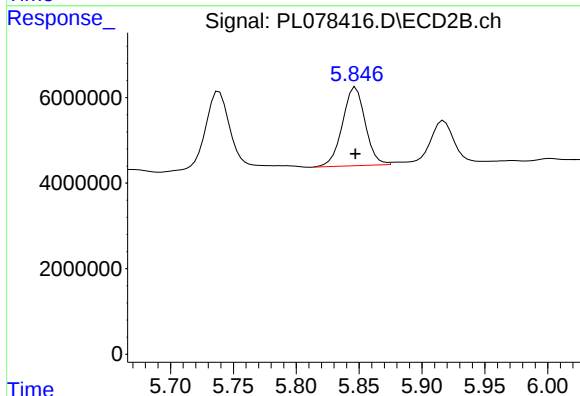
#17 4,4'-DDT

R.T.: 6.912 min
Delta R.T.: 0.002 min
Response: 12459566
Conc: 8.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
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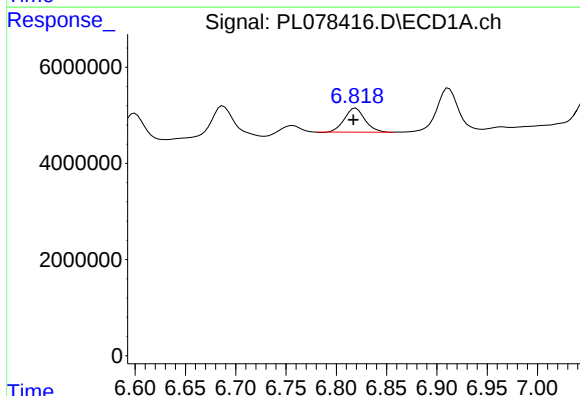
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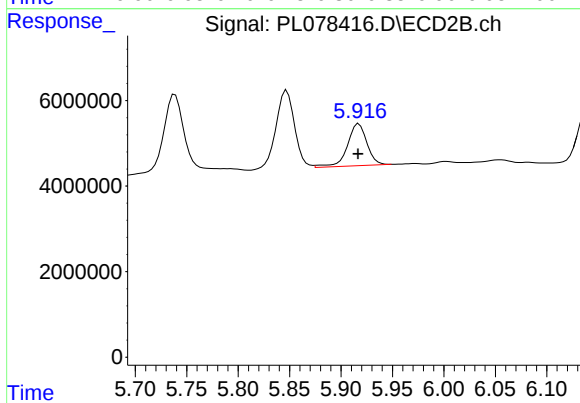
#17 4,4'-DDT

R.T.: 5.847 min
Delta R.T.: 0.000 min
Response: 23098288
Conc: 10.18 ng/ml



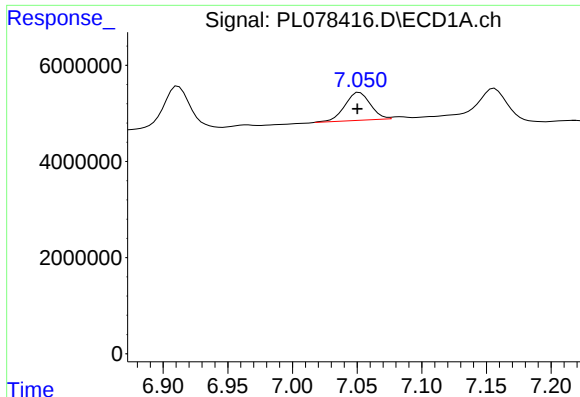
#18 Endrin aldehyde

R.T.: 6.819 min
Delta R.T.: 0.002 min
Response: 7032592
Conc: 6.15 ng/ml



#18 Endrin aldehyde

R.T.: 5.917 min
Delta R.T.: 0.000 min
Response: 12881803
Conc: 6.96 ng/ml



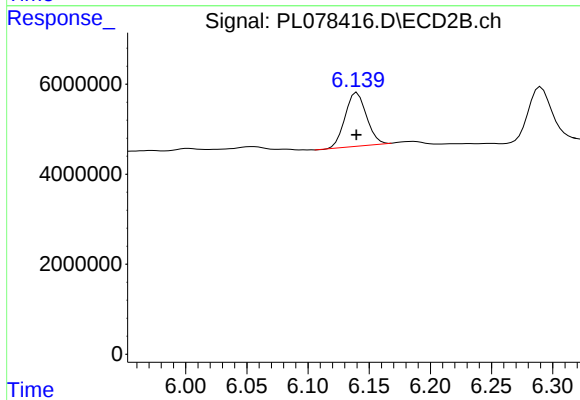
#19 Endosulfan Sulfate

R.T.: 7.052 min
Delta R.T.: 0.002 min
Response: 7970616
Conc: 5.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-1-101422MS

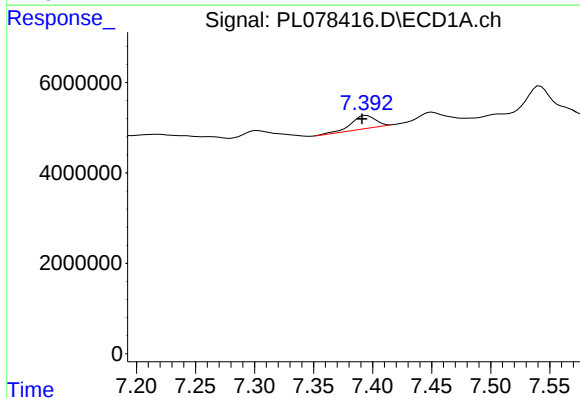
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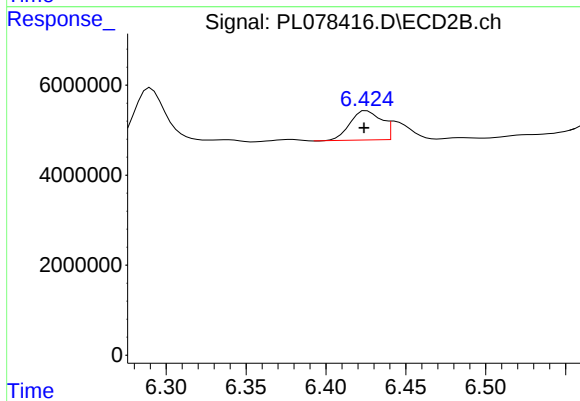
#19 Endosulfan Sulfate

R.T.: 6.140 min
Delta R.T.: 0.000 min
Response: 14404706
Conc: 5.98 ng/ml



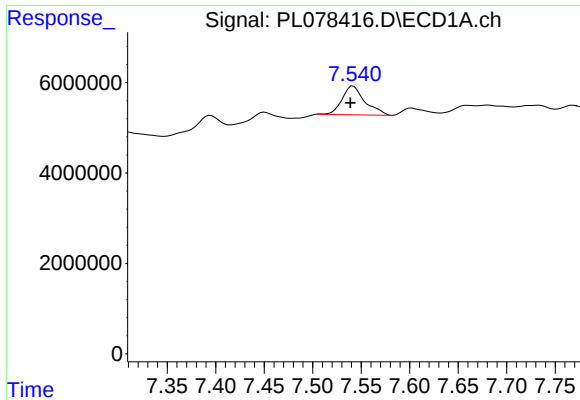
#20 Methoxychlor

R.T.: 7.395 min
Delta R.T.: 0.004 min
Response: 4152984
Conc: 5.48 ng/ml



#20 Methoxychlor

R.T.: 6.424 min
Delta R.T.: 0.000 min
Response: 9395984
Conc: 7.44 ng/ml m



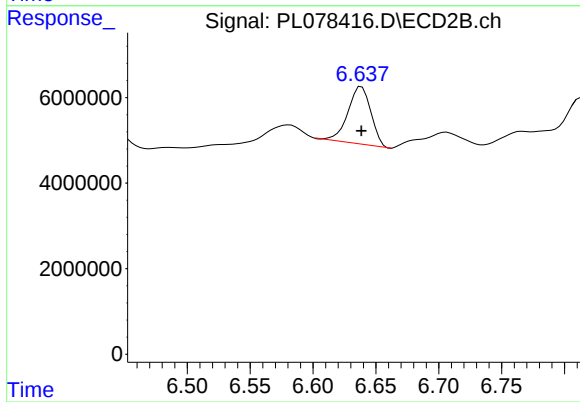
#21 Endrin ketone

R.T.: 7.542 min
Delta R.T.: 0.003 min
Response: 10435530
Conc: 6.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-1-101422MS

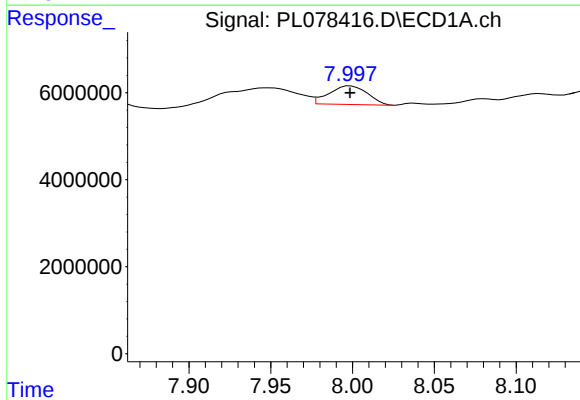
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APPROVED

Reviewed By :Abdul Mirza 10/19/2022
Supervised By :Ankita Jodhani 10/19/2022



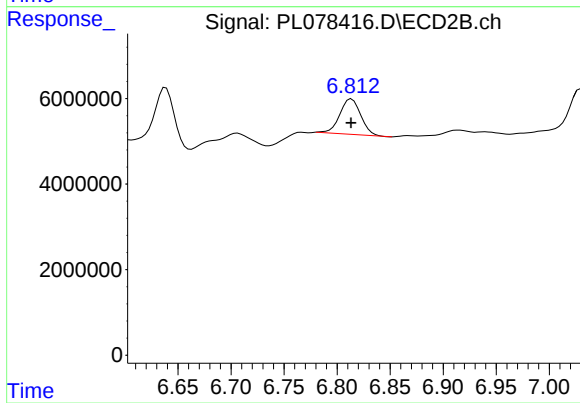
#21 Endrin ketone

R.T.: 6.639 min
Delta R.T.: 0.000 min
Response: 17064171
Conc: 6.44 ng/ml



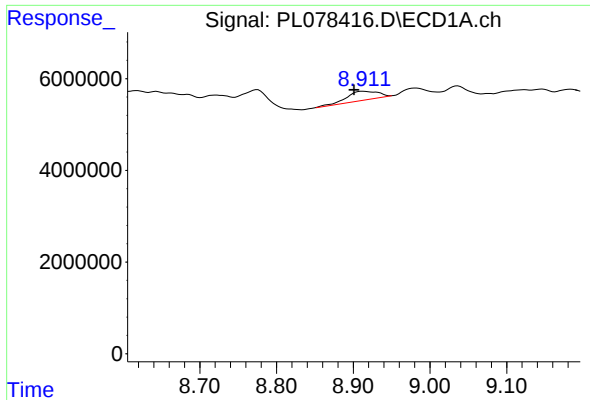
#22 Mirex

R.T.: 7.997 min
Delta R.T.: -0.001 min
Response: 6931189
Conc: 5.87 ng/ml m



#22 Mirex

R.T.: 6.814 min
Delta R.T.: 0.000 min
Response: 11395117
Conc: 5.92 ng/ml



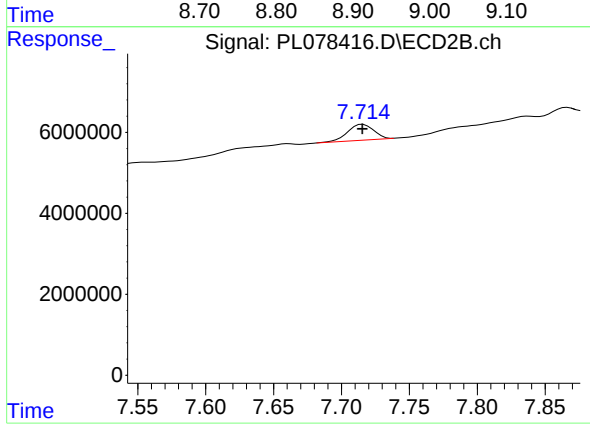
#28 Decachlorobiphenyl

R.T.: 8.913 min
Delta R.T.: 0.012 min
Response: 5571965
Conc: 3.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-1-101422MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.716 min
Delta R.T.: 0.000 min
Response: 5260909
Conc: 2.42 ng/ml