

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101822\
 Data File : PL078417.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Oct 2022 16:24
 Operator : AR\AJ
 Sample : N5160-01MSD 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 HD-1-101422MSD

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 04:52:51 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...	3.411	2.620	3203131	7595362	1.938m	2.873m#
2) SA Decachlor...	8.910	7.716	4787123	5448155	3.101	2.506
Target Compounds						
2) A alpha-BHC	3.878	3.113	14136261	30623174	5.621	7.357 #
3) MA gamma-BHC...	4.214	3.436	14317903	23461831	6.140	6.733
4) MA Heptachlor	4.789	3.767	13167668	25125232	5.924	7.035
5) MB Aldrin	5.130	4.039	15202090	25826343	7.259	7.592m
6) B beta-BHC	4.428	3.737	13890942	9339538	13.966	6.335 #
7) B delta-BHC	4.671	3.958	12672771	21214038	6.895	5.739m
8) B Heptachlo...	5.562	4.540	12084233	20376387	7.937m	6.915
9) A Endosulfan I	5.948	4.907	9582989	12945908	5.708m	4.694
10) B gamma-Chl...	5.819	4.789	29544092	44215593	16.581	14.771
11) B alpha-Chl...	5.895	4.851	28091260	45461428	15.687m	15.787
12) B 4,4'-DDE	6.072	5.046	10275783	27592218	6.097	9.652 #
13) MA Dieldrin	6.227	5.169	13213796	35196826	7.680	12.012 #
14) MA Endrin	6.458	5.441	6950473	21254619	4.658	9.228 #
15) B Endosulfa...	6.687	5.738	10137053	25060291	7.562	10.237 #
16) A 4,4'-DDD	6.598	5.597	7883781	13663961	6.403m	6.134m
17) MA 4,4'-DDT	6.911	5.847	13847722	23876444	9.459	10.519
18) B Endrin al...	6.818	5.917	6727277	12565793	5.878	6.791
19) B Endosulfa...	7.052	6.140	7508774	15162920	5.264	6.299
20) A Methoxychlor	7.394	6.424	3674997	7952041	4.850	6.296m#
21) B Endrin ke...	7.539	6.639	7468705	17401062	4.787m	6.568 #
22) Mirex	7.997	6.814	6883387	11410612	5.828m	5.931

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

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ECD_L

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HD-1-101422MSD

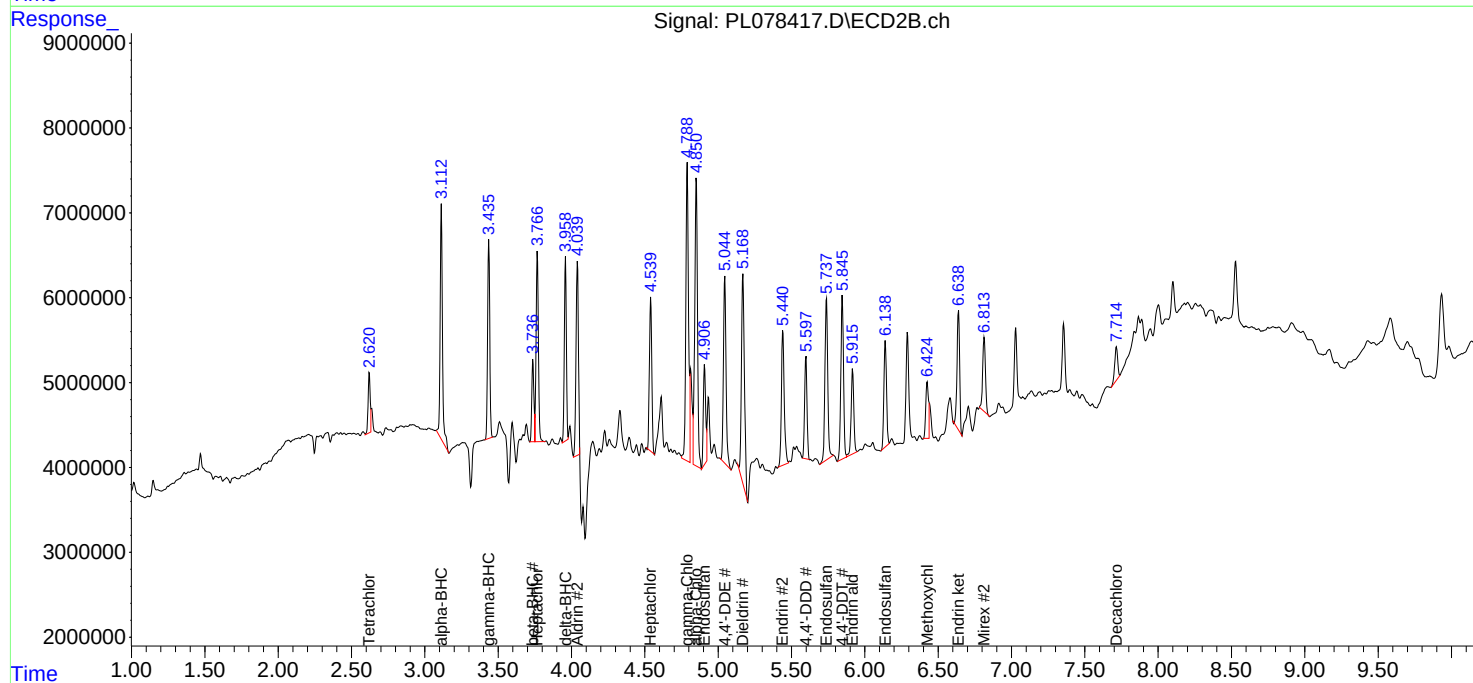
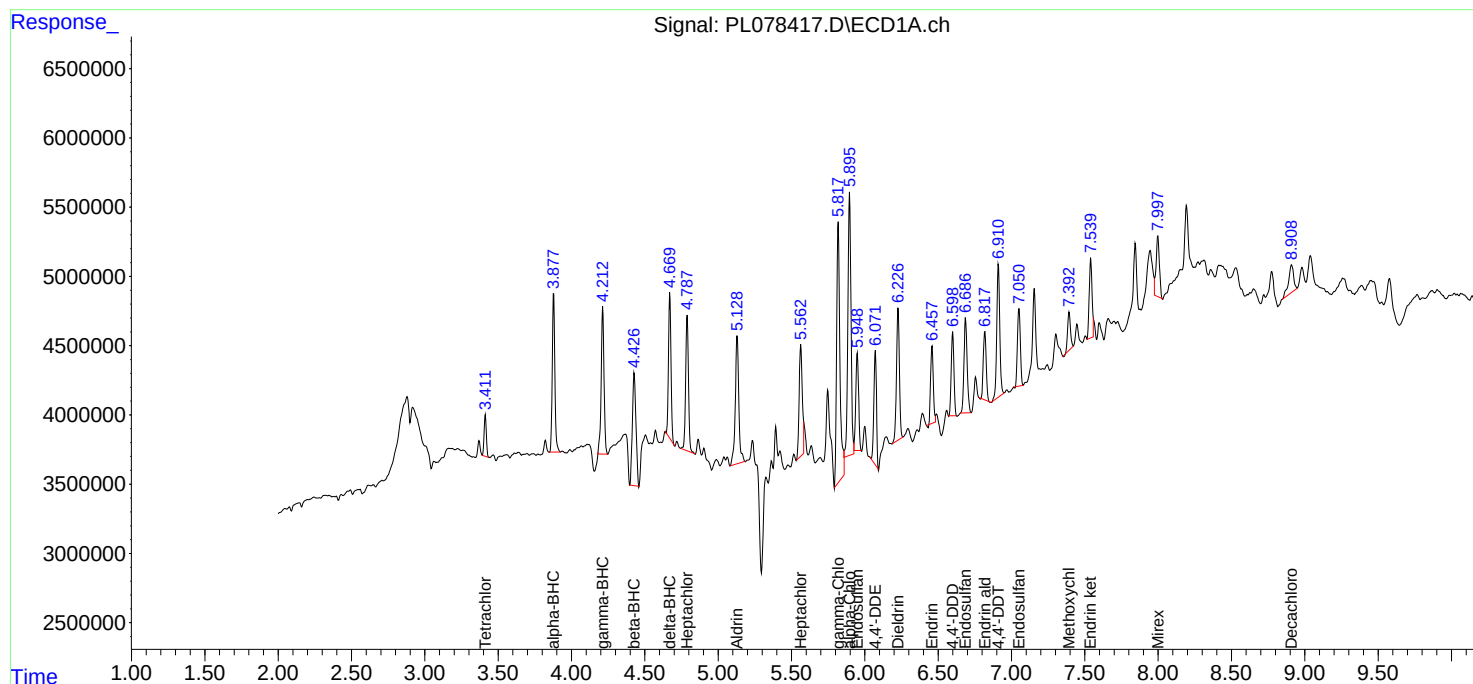
Manual Integrations

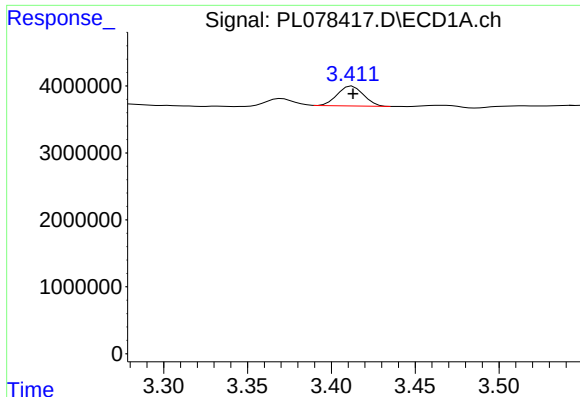
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 Supervised By : Ankita Jodhani 10/19/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 19 04:52:51 2022
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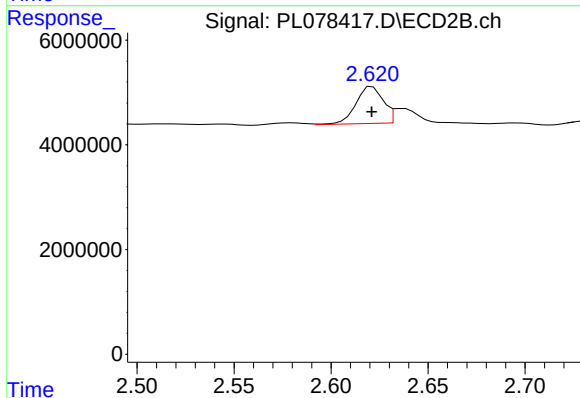
#1 Tetrachloro-m-xylene

R.T.: 3.411 min
Delta R.T.: -0.002 min
Response: 3203131
Conc: 1.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-1-101422MSD

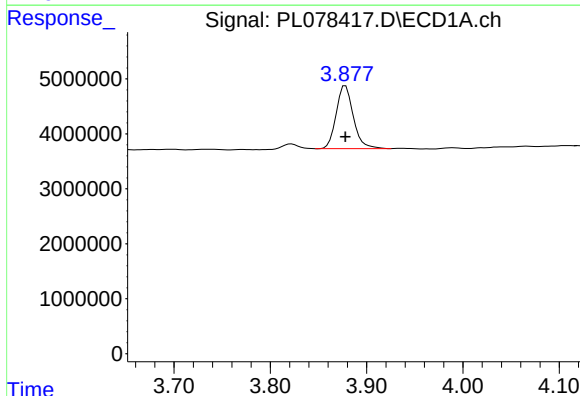
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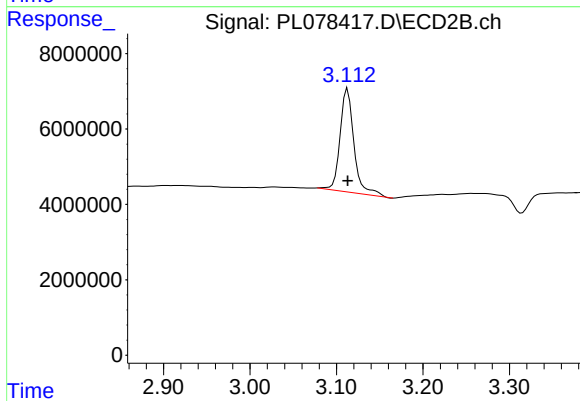
#1 Tetrachloro-m-xylene

R.T.: 2.620 min
Delta R.T.: 0.000 min
Response: 7595362
Conc: 2.87 ng/ml m



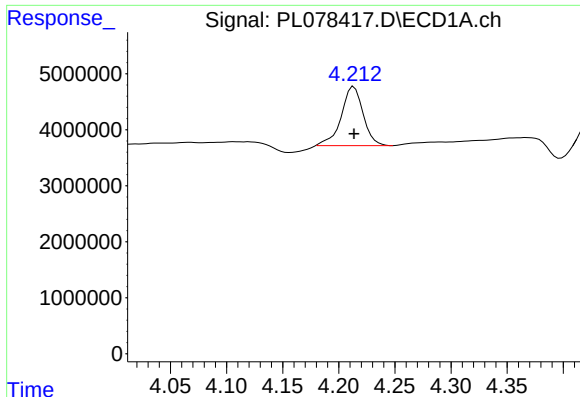
#2 alpha-BHC

R.T.: 3.878 min
Delta R.T.: 0.000 min
Response: 14136261
Conc: 5.62 ng/ml



#2 alpha-BHC

R.T.: 3.113 min
Delta R.T.: 0.000 min
Response: 30623174
Conc: 7.36 ng/ml



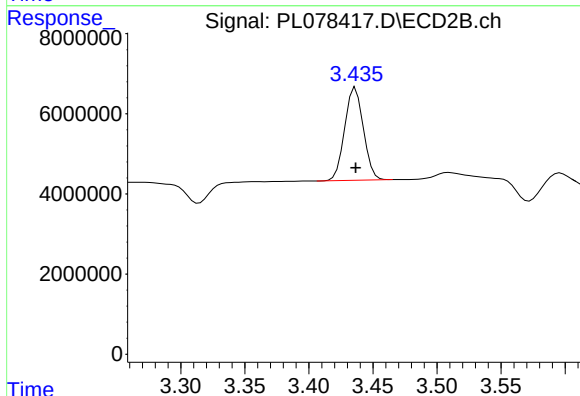
#3 gamma-BHC (Lindane)

R.T.: 4.214 min
Delta R.T.: 0.000 min
Response: 14317903
Conc: 6.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-1-101422MSD

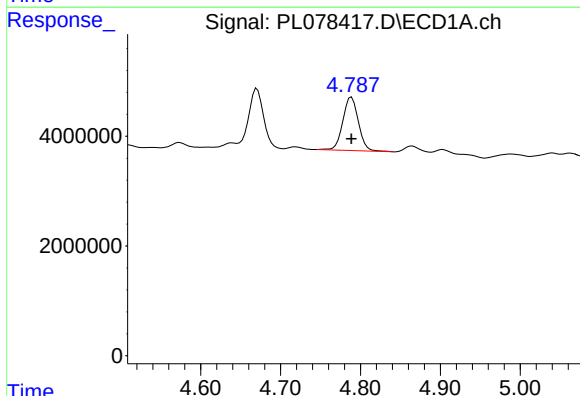
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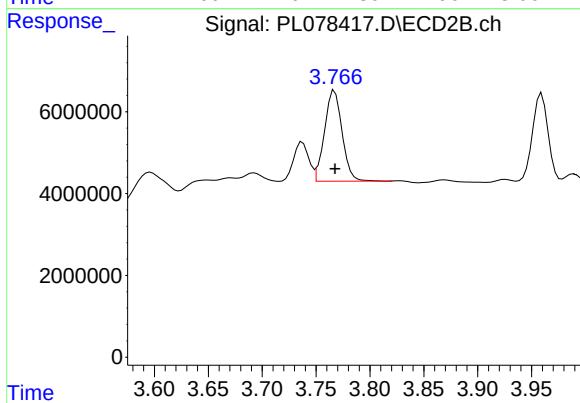
#3 gamma-BHC (Lindane)

R.T.: 3.436 min
Delta R.T.: 0.000 min
Response: 23461831
Conc: 6.73 ng/ml



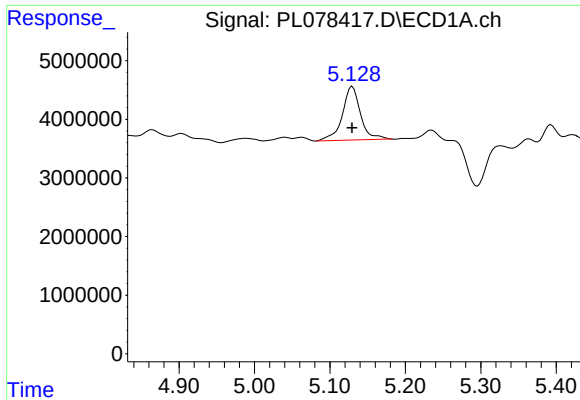
#4 Heptachlor

R.T.: 4.789 min
Delta R.T.: 0.000 min
Response: 13167668
Conc: 5.92 ng/ml



#4 Heptachlor

R.T.: 3.767 min
Delta R.T.: 0.000 min
Response: 25125232
Conc: 7.04 ng/ml



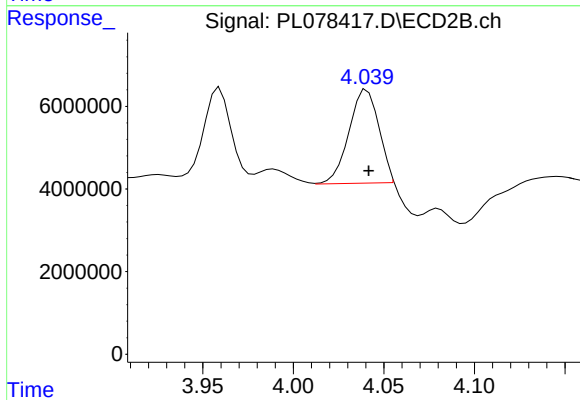
#5 Aldrin

R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 15202090
Conc: 7.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
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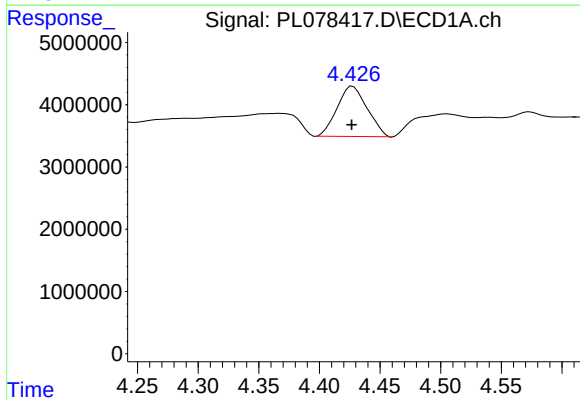
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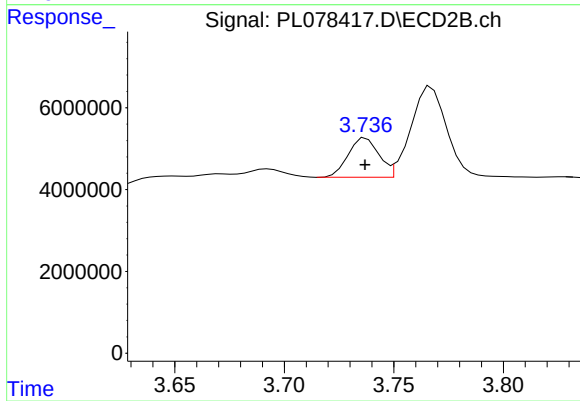
#5 Aldrin

R.T.: 4.039 min
Delta R.T.: -0.002 min
Response: 25826343
Conc: 7.59 ng/ml m



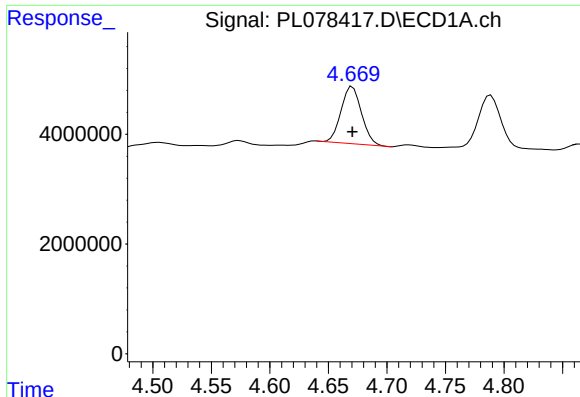
#6 beta-BHC

R.T.: 4.428 min
Delta R.T.: 0.000 min
Response: 13890942
Conc: 13.97 ng/ml



#6 beta-BHC

R.T.: 3.737 min
Delta R.T.: 0.000 min
Response: 9339538
Conc: 6.34 ng/ml



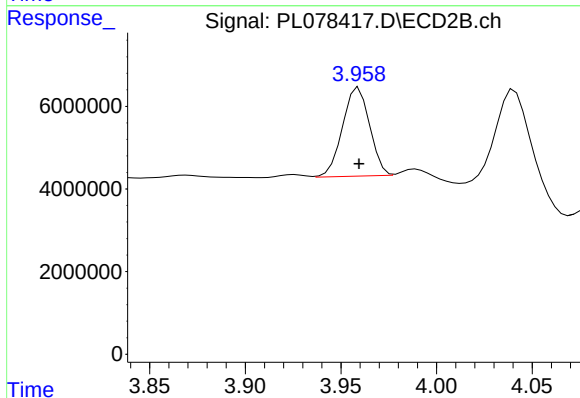
#7 delta-BHC

R.T.: 4.671 min
Delta R.T.: 0.000 min
Response: 12672771
Conc: 6.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-1-101422MSD

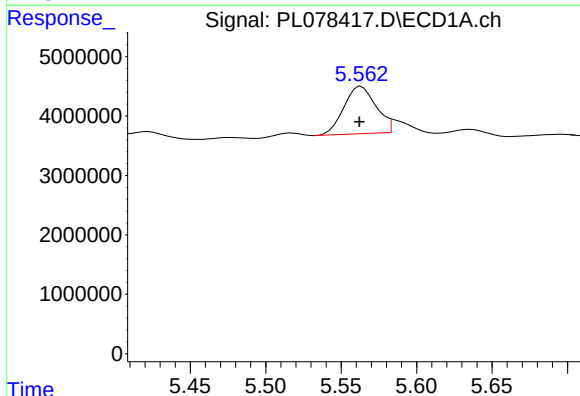
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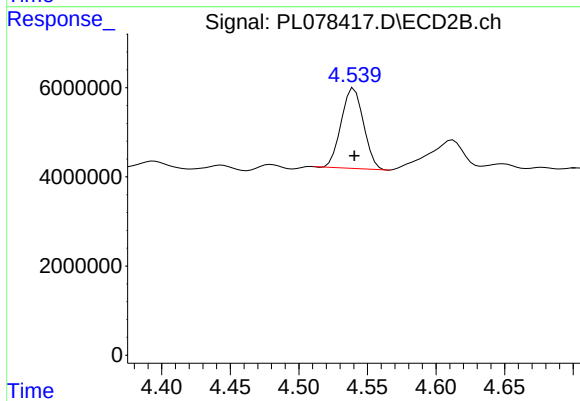
#7 delta-BHC

R.T.: 3.958 min
Delta R.T.: -0.002 min
Response: 21214038
Conc: 5.74 ng/ml m



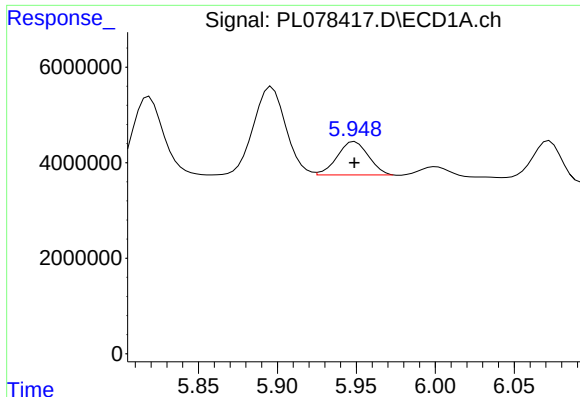
#8 Heptachlor epoxide

R.T.: 5.562 min
Delta R.T.: 0.000 min
Response: 12084233
Conc: 7.94 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.540 min
Delta R.T.: 0.000 min
Response: 20376387
Conc: 6.92 ng/ml



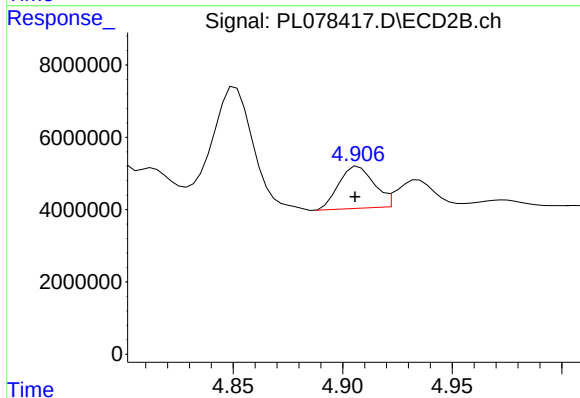
#9 Endosulfan I

R.T.: 5.948 min
Delta R.T.: -0.001 min
Response: 9582989
Conc: 5.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-1-101422MSD

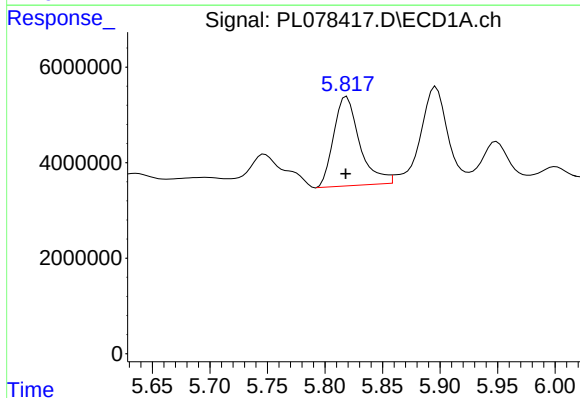
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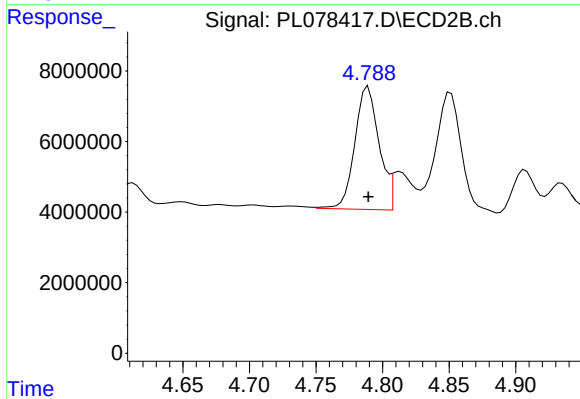
#9 Endosulfan I

R.T.: 4.907 min
Delta R.T.: 0.002 min
Response: 12945908
Conc: 4.69 ng/ml



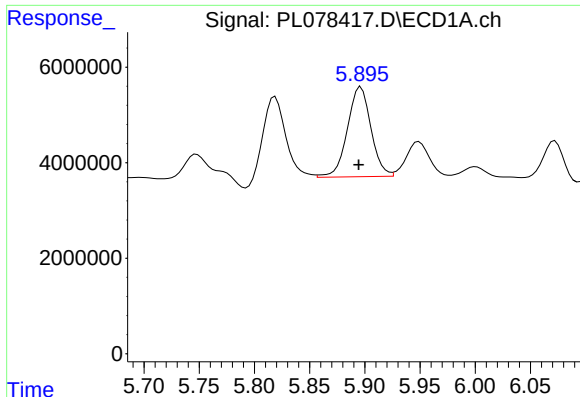
#10 gamma-Chlordane

R.T.: 5.819 min
Delta R.T.: 0.000 min
Response: 29544092
Conc: 16.58 ng/ml



#10 gamma-Chlordane

R.T.: 4.789 min
Delta R.T.: 0.000 min
Response: 44215593
Conc: 14.77 ng/ml



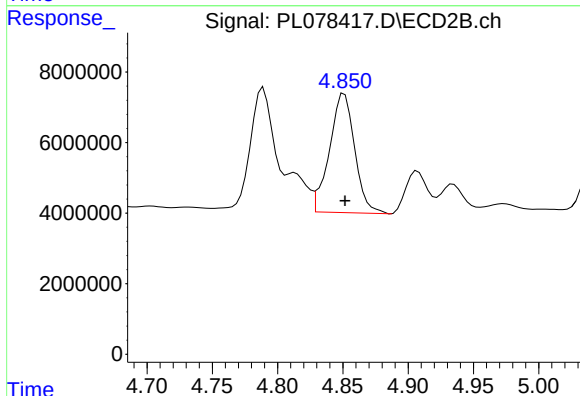
#11 alpha-Chlordane

R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 28091260
Conc: 15.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-1-101422MSD

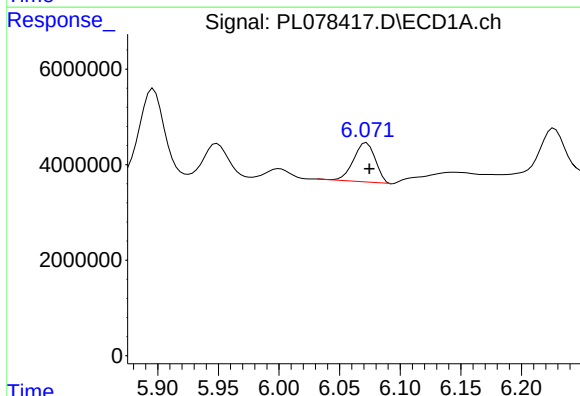
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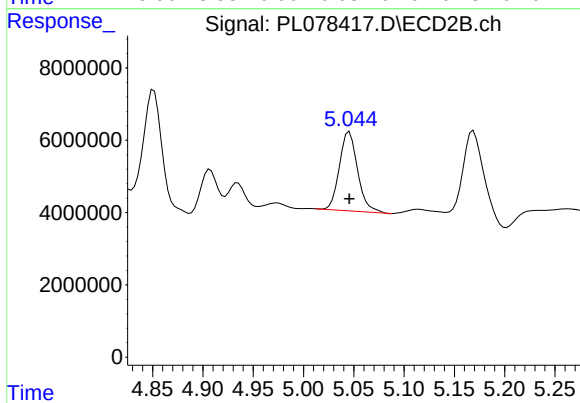
#11 alpha-Chlordane

R.T.: 4.851 min
Delta R.T.: 0.000 min
Response: 45461428
Conc: 15.79 ng/ml



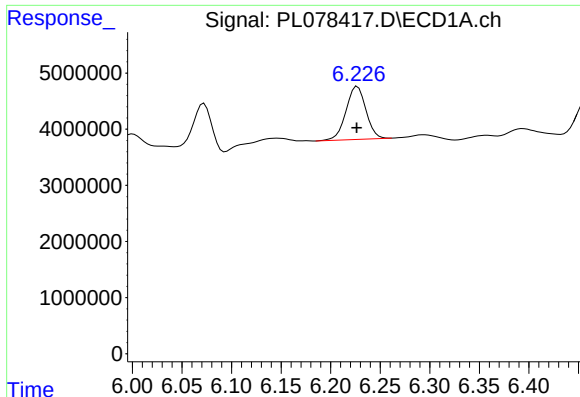
#12 4,4'-DDE

R.T.: 6.072 min
Delta R.T.: -0.002 min
Response: 10275783
Conc: 6.10 ng/ml



#12 4,4'-DDE

R.T.: 5.046 min
Delta R.T.: 0.000 min
Response: 27592218
Conc: 9.65 ng/ml



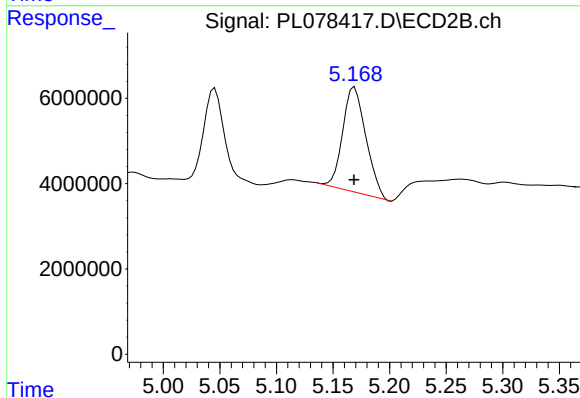
#13 Dieldrin

R.T.: 6.227 min
Delta R.T.: 0.000 min
Response: 13213796
Conc: 7.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-1-101422MSD

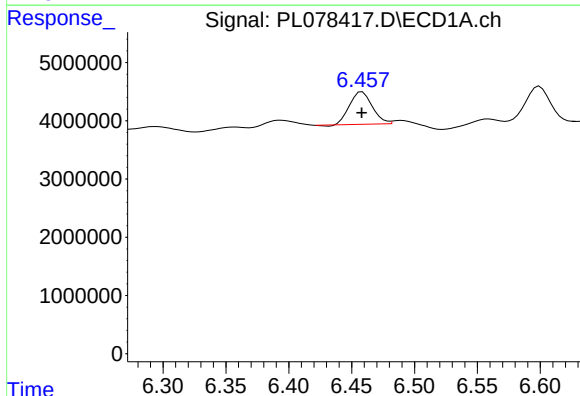
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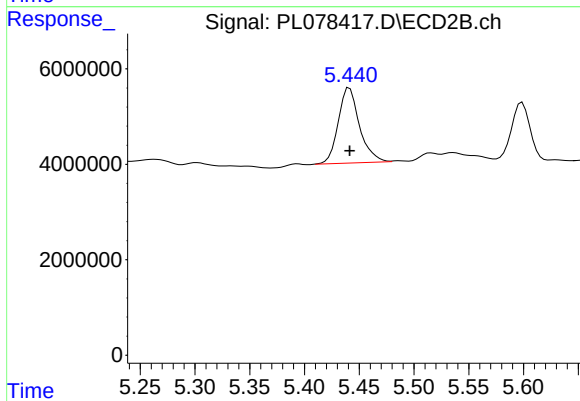
#13 Dieldrin

R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 35196826
Conc: 12.01 ng/ml



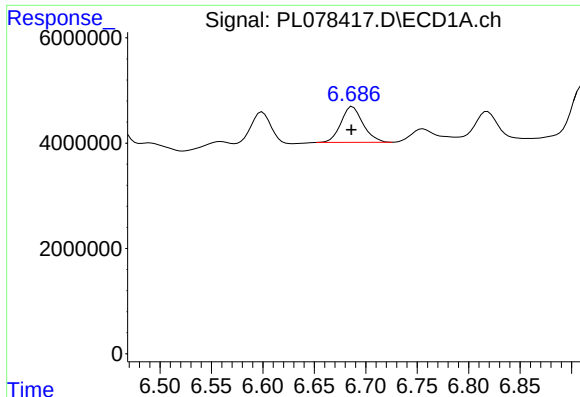
#14 Endrin

R.T.: 6.458 min
Delta R.T.: 0.000 min
Response: 6950473
Conc: 4.66 ng/ml



#14 Endrin

R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 21254619
Conc: 9.23 ng/ml



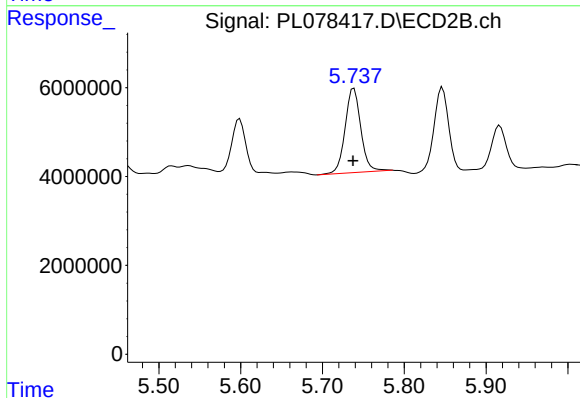
#15 Endosulfan II

R.T.: 6.687 min
Delta R.T.: 0.001 min
Response: 10137053
Conc: 7.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-1-101422MSD

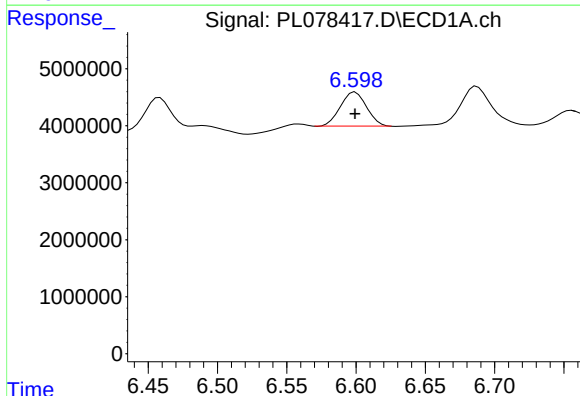
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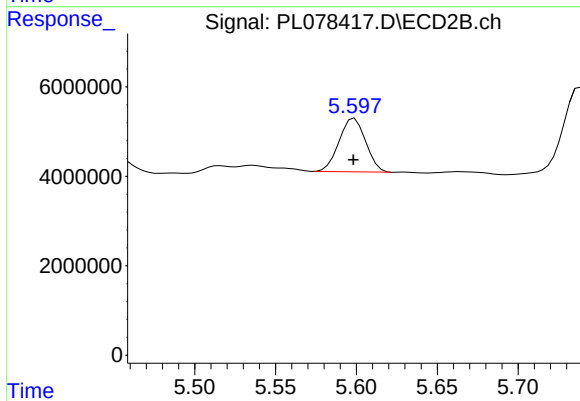
#15 Endosulfan II

R.T.: 5.738 min
Delta R.T.: 0.001 min
Response: 25060291
Conc: 10.24 ng/ml



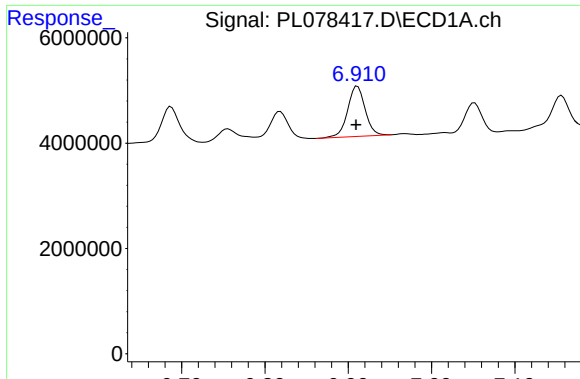
#16 4,4'-DDD

R.T.: 6.598 min
Delta R.T.: -0.001 min
Response: 7883781
Conc: 6.40 ng/ml m



#16 4,4'-DDD

R.T.: 5.597 min
Delta R.T.: 0.000 min
Response: 13663961
Conc: 6.13 ng/ml m



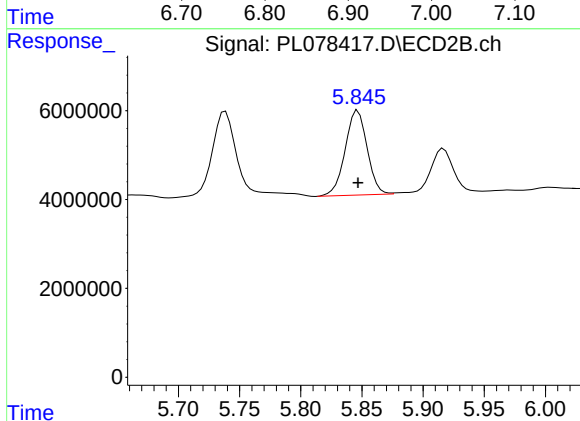
#17 4,4'-DDT

R.T.: 6.911 min
Delta R.T.: 0.002 min
Response: 13847722
Conc: 9.46 ng/ml

Instrument :
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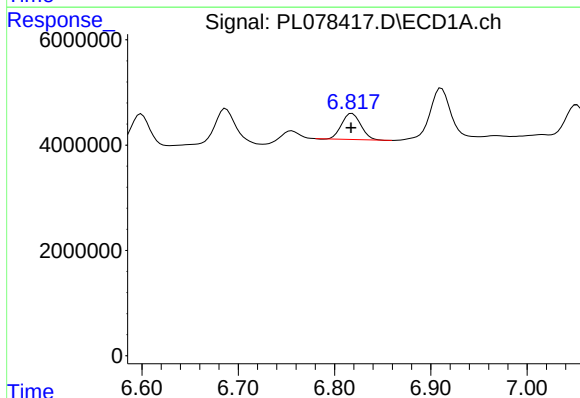
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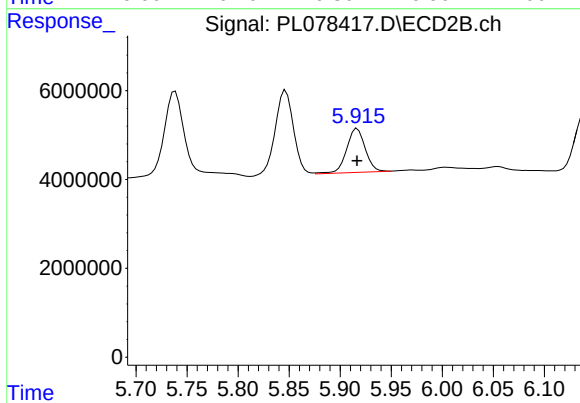
#17 4,4'-DDT

R.T.: 5.847 min
Delta R.T.: 0.000 min
Response: 23876444
Conc: 10.52 ng/ml



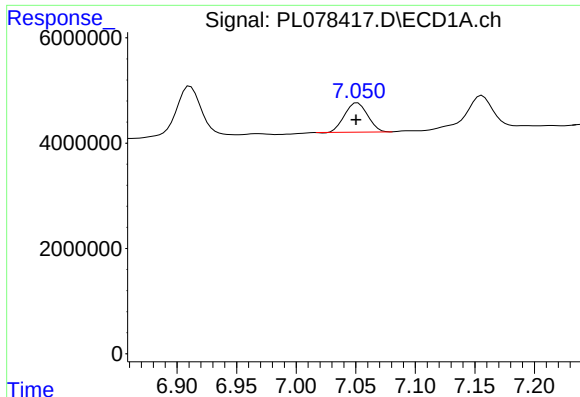
#18 Endrin aldehyde

R.T.: 6.818 min
Delta R.T.: 0.001 min
Response: 6727277
Conc: 5.88 ng/ml



#18 Endrin aldehyde

R.T.: 5.917 min
Delta R.T.: 0.000 min
Response: 12565793
Conc: 6.79 ng/ml



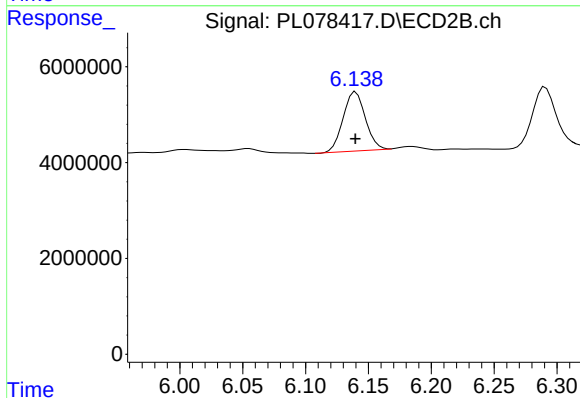
#19 Endosulfan Sulfate

R.T.: 7.052 min
Delta R.T.: 0.001 min
Response: 7508774
Conc: 5.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-1-101422MSD

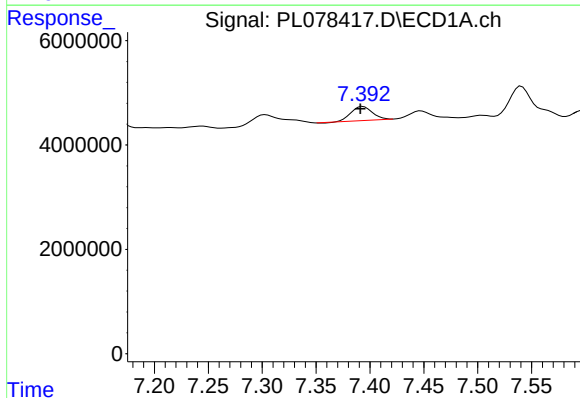
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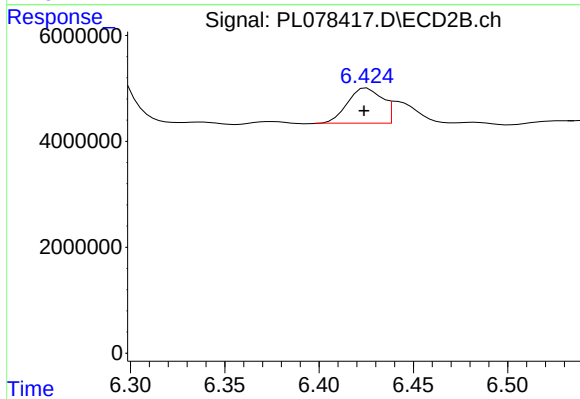
#19 Endosulfan Sulfate

R.T.: 6.140 min
Delta R.T.: 0.000 min
Response: 15162920
Conc: 6.30 ng/ml



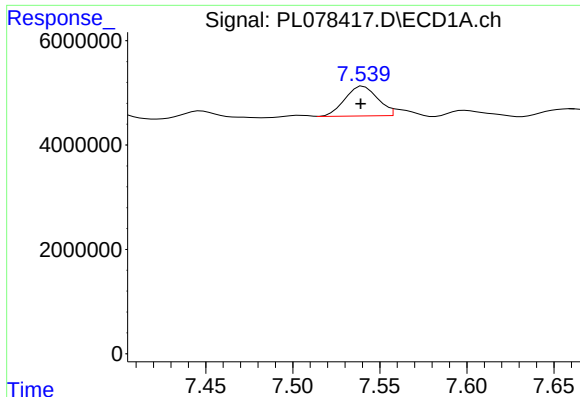
#20 Methoxychlor

R.T.: 7.394 min
Delta R.T.: 0.003 min
Response: 3674997
Conc: 4.85 ng/ml



#20 Methoxychlor

R.T.: 6.424 min
Delta R.T.: 0.000 min
Response: 7952041
Conc: 6.30 ng/ml m



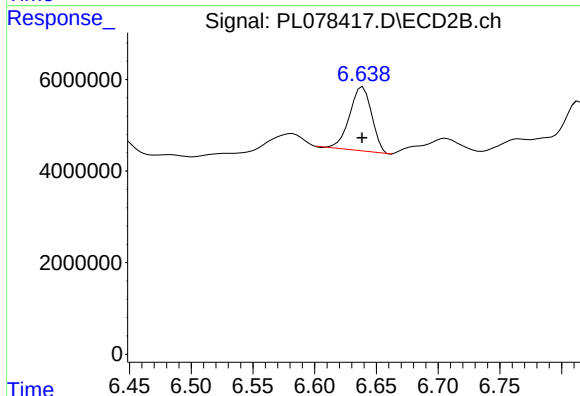
#21 Endrin ketone

R.T.: 7.539 min
Delta R.T.: 0.000 min
Response: 7468705
Conc: 4.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-1-101422MSD

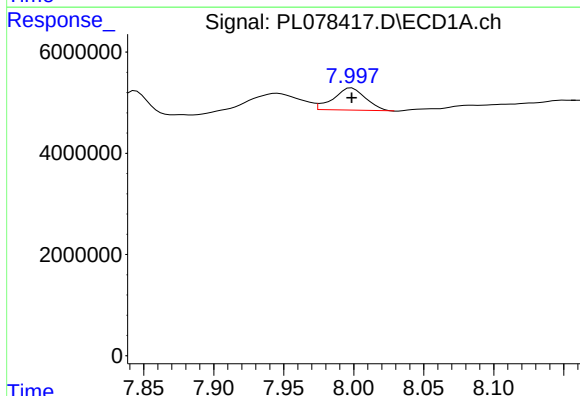
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Supervised By :Ankita Jodhani 10/19/2022



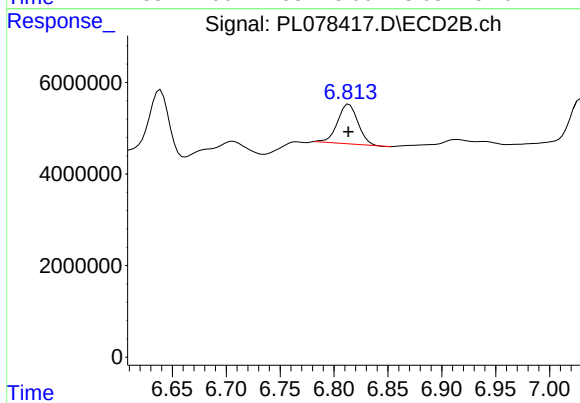
#21 Endrin ketone

R.T.: 6.639 min
Delta R.T.: 0.000 min
Response: 17401062
Conc: 6.57 ng/ml



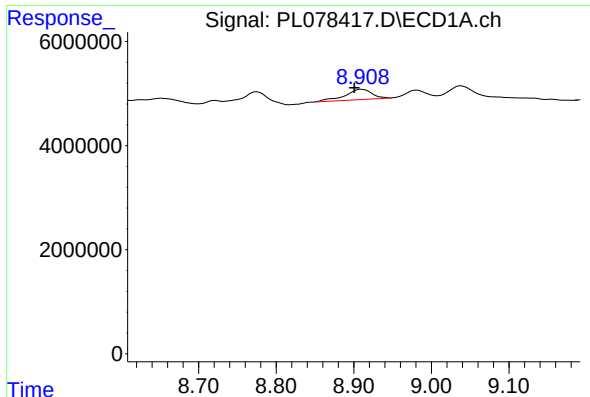
#22 Mirex

R.T.: 7.997 min
Delta R.T.: -0.001 min
Response: 6883387
Conc: 5.83 ng/ml m



#22 Mirex

R.T.: 6.814 min
Delta R.T.: 0.000 min
Response: 11410612
Conc: 5.93 ng/ml



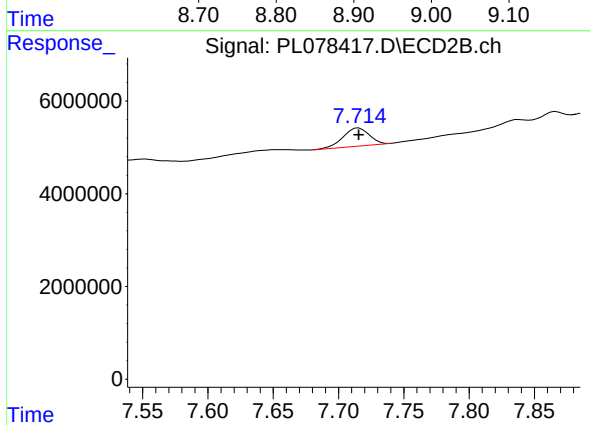
#28 Decachlorobiphenyl

R.T.: 8.910 min
Delta R.T.: 0.009 min
Response: 4787123
Conc: 3.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-1-101422MSD

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.716 min
Delta R.T.: 0.000 min
Response: 5448155
Conc: 2.51 ng/ml