

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\pl120522\
 Data File : PL079564.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Dec 2022 11:40
 Operator : AR\AJ
 Sample : N5844-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MH-17MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/06/2022
 Supervised By :Ankita Jodhani 12/06/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 06 10:46:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112322.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 24 00:09:49 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...	3.318	2.566	45313845	54858322	20.059	20.154
28)	SA Decachlor...	8.765	7.632	36783276	44117442	18.940	18.779
Target Compounds							
2)	A alpha-BHC	3.779	3.053	185.3E6	229.9E6	53.873	53.311
3)	MA gamma-BHC...	4.112	3.374	166.4E6	206.2E6	51.346	52.970
4)	MA Heptachlor	4.682	3.701	169.7E6	205.8E6	51.501	53.474
5)	MB Aldrin	5.020	3.972	178.2E6	214.8E6	57.389	57.854
6)	B beta-BHC	4.327	3.675	70817110	74554020	50.155	49.205
7)	B delta-BHC	4.568	3.894	136.5E6	209.3E6	49.211	54.398
8)	B Heptachlo...	5.457	4.468	357.5E6	180.7E6	125.214	53.535 #
9)	A Endosulfan I	5.837	4.829	141.5E6	138.0E6	53.237	43.143
10)	B gamma-Chl...	5.708	4.716	151.1E6	185.7E6	52.814	54.875
11)	B alpha-Chl...	5.785	4.777	144.2E6	187.6E6	50.042	56.009
12)	B 4,4'-DDE	5.968	4.972	117.3E6	169.5E6	46.936	55.266
13)	MA Dieldrin	6.115	5.092	139.5E6	190.1E6	50.865	56.376
14)	MA Endrin	6.345	5.363	141.2E6	139.6E6	58.352	46.167
15)	B Endosulfa...	6.575	5.660	121.5E6	128.5E6	53.803	45.917
16)	A 4,4'-DDD	6.492	5.523	106.7E6	134.4E6	53.780	53.745
17)	MA 4,4'-DDT	6.803	5.769	111.2E6	134.8E6	49.038	51.590
18)	B Endrin al...	6.707	5.838	98030076	110.0E6	54.126	51.671
19)	B Endosulfa...	6.939	6.060	121.8E6	147.2E6	52.530	52.177
22)	Mirex	7.882	6.728	89185689	107.5E6	47.086	45.457
23)	Chlordane-1	4.461	3.522	3418950	1607195	36.243	15.111 #
24)	Chlordane-2	5.020f	4.096	178.2E6	3922417	1691.255	33.501 #
25)	Chlordane-3	5.708	4.716	151.1E6	185.7E6	363.919	555.512 #
26)	Chlordane-4	5.785	4.777	144.2E6	187.6E6	283.416	517.672 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\p1120522\
 Data File : PL079564.D
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 Acq On : 05 Dec 2022 11:40
 Operator : AR\AJ
 Sample : N5844-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

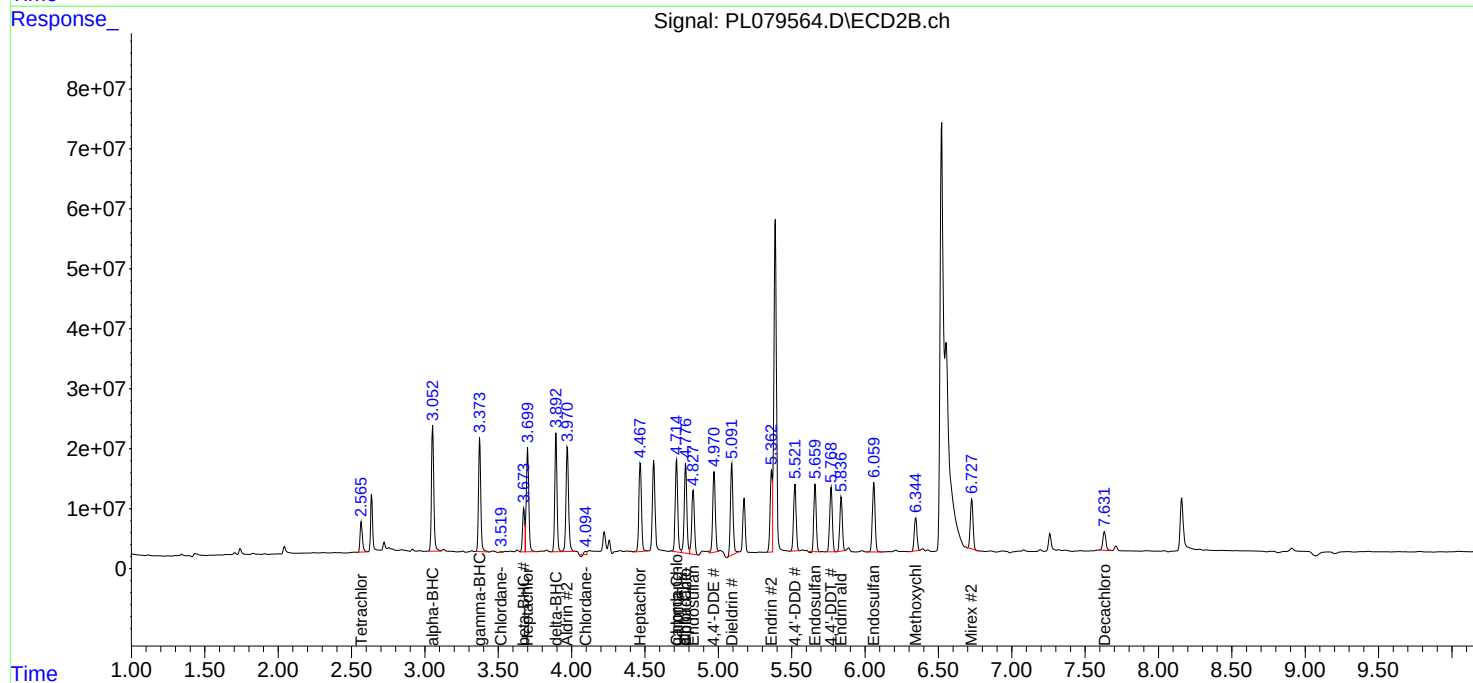
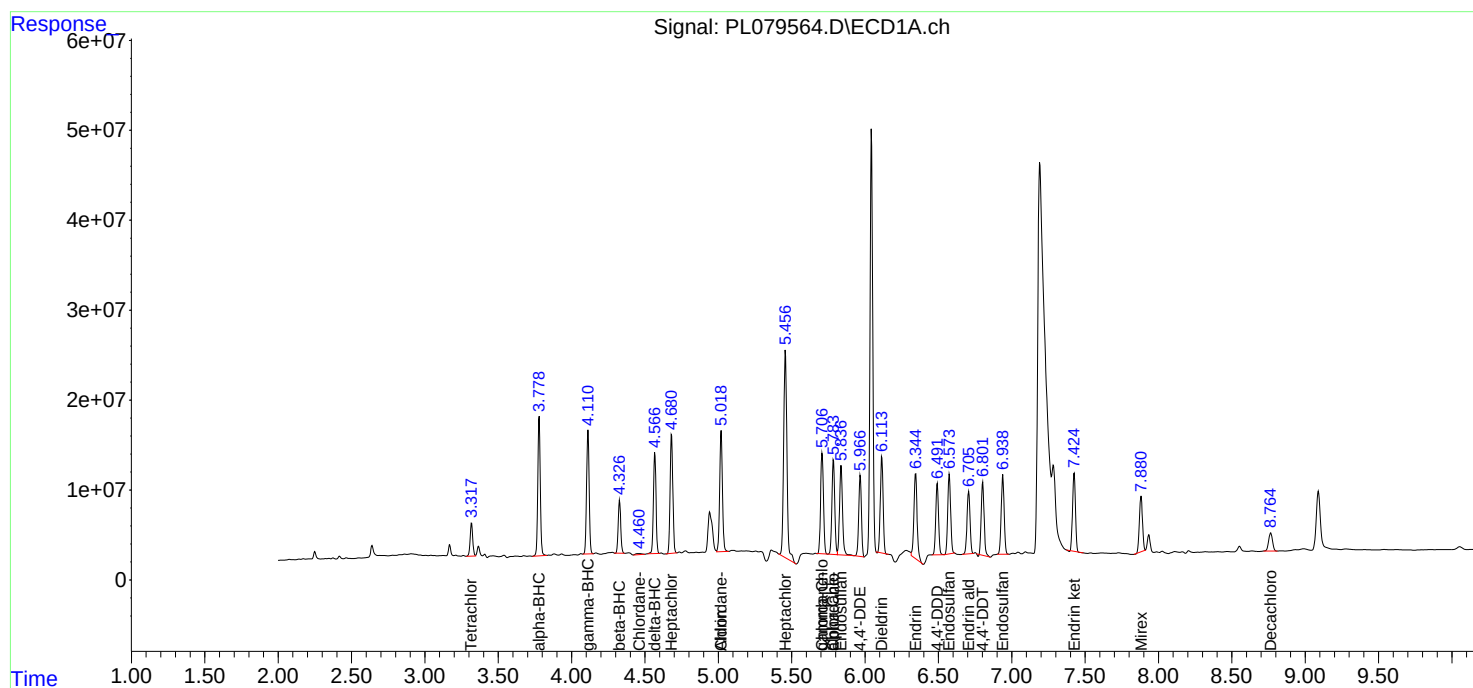
Instrument :
 ECD_L
 ClientSampleId :
 MH-17MS

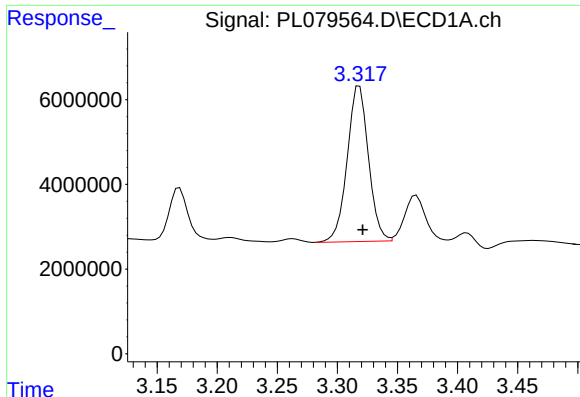
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 Supervised By :Ankita Jodhani 12/06/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





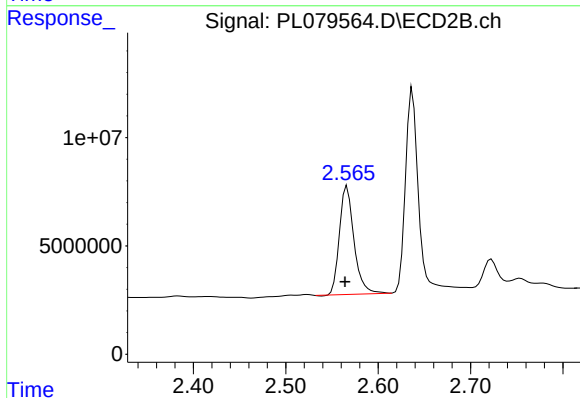
#1 Tetrachloro-m-xylene

R.T.: 3.318 min
Delta R.T.: -0.003 min
Response: 45313845
Conc: 20.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-17MS

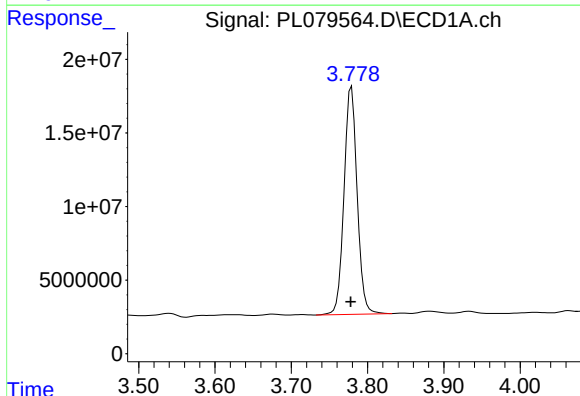
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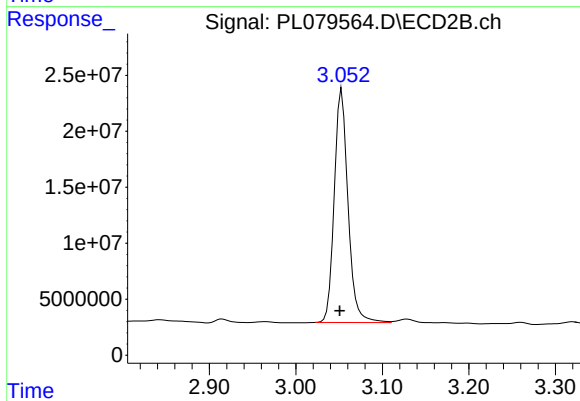
#1 Tetrachloro-m-xylene

R.T.: 2.566 min
Delta R.T.: 0.002 min
Response: 54858322
Conc: 20.15 ng/ml



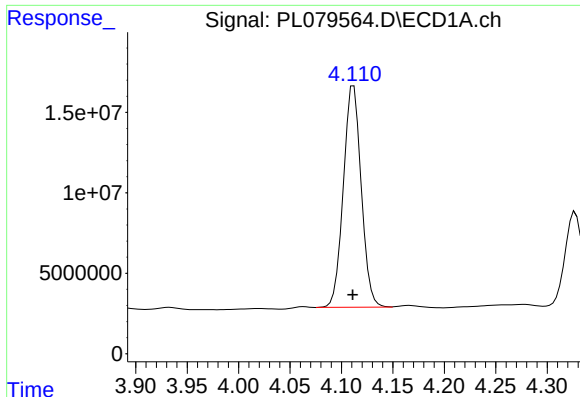
#2 alpha-BHC

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 185255509
Conc: 53.87 ng/ml



#2 alpha-BHC

R.T.: 3.053 min
Delta R.T.: 0.003 min
Response: 229879172
Conc: 53.31 ng/ml



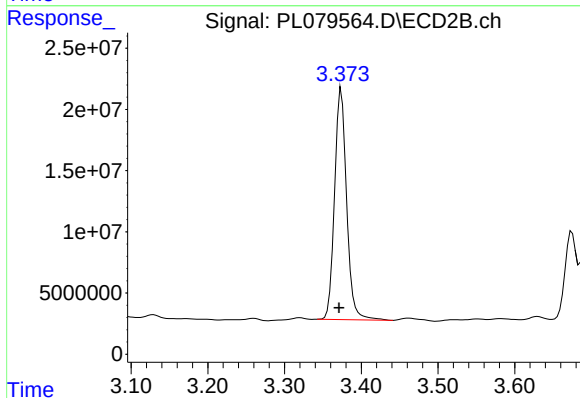
#3 gamma-BHC (Lindane)

R.T.: 4.112 min
Delta R.T.: 0.000 min
Response: 166401265
Conc: 51.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-17MS

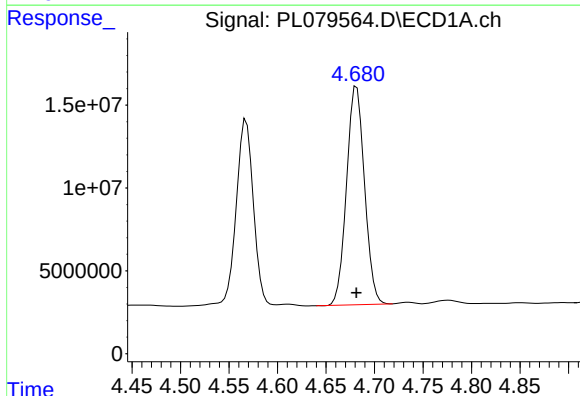
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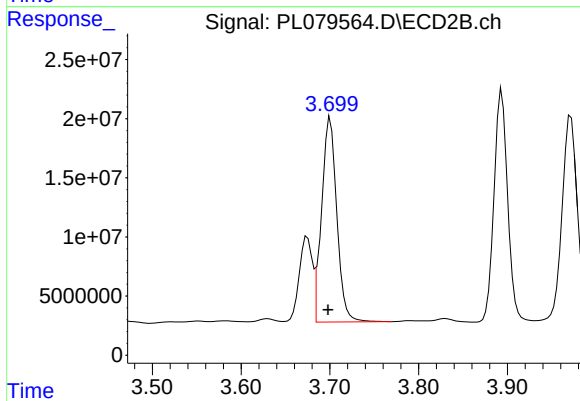
#3 gamma-BHC (Lindane)

R.T.: 3.374 min
Delta R.T.: 0.003 min
Response: 206248008
Conc: 52.97 ng/ml



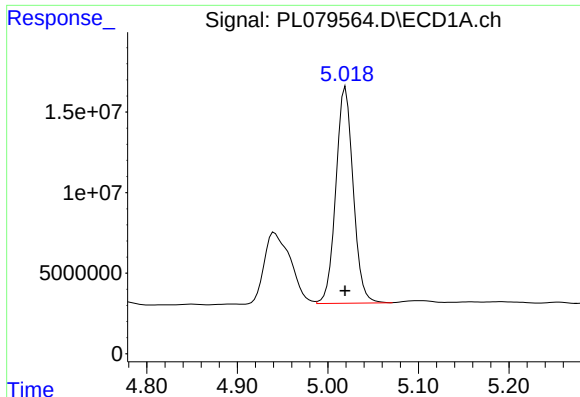
#4 Heptachlor

R.T.: 4.682 min
Delta R.T.: 0.000 min
Response: 169707368
Conc: 51.50 ng/ml



#4 Heptachlor

R.T.: 3.701 min
Delta R.T.: 0.003 min
Response: 205755358
Conc: 53.47 ng/ml



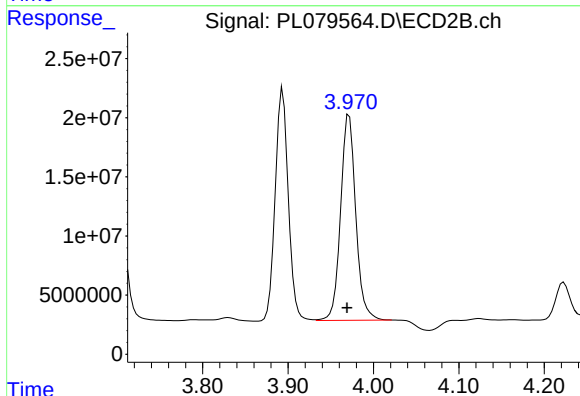
#5 Aldrin

R.T.: 5.020 min
Delta R.T.: 0.000 min
Response: 178212389
Conc: 57.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-17MS

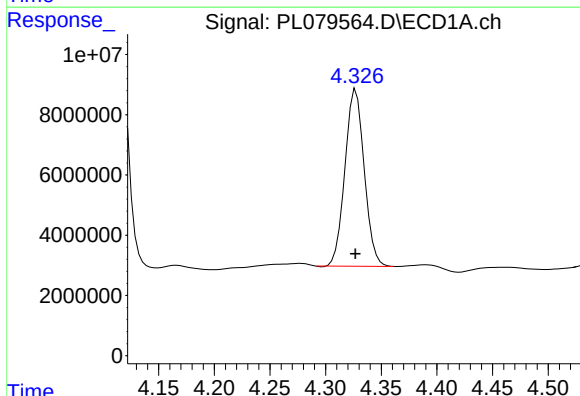
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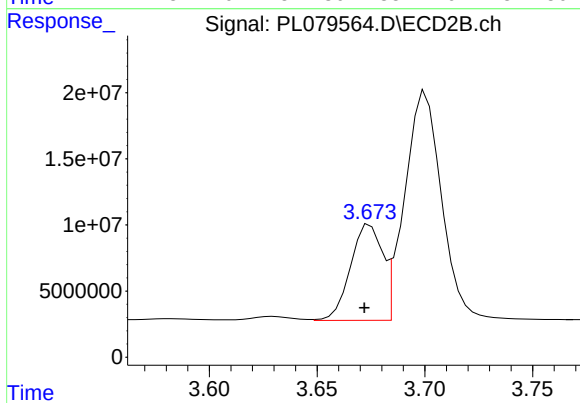
#5 Aldrin

R.T.: 3.972 min
Delta R.T.: 0.002 min
Response: 214804521
Conc: 57.85 ng/ml



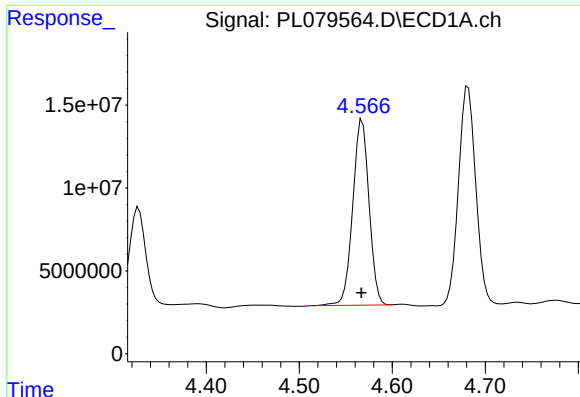
#6 beta-BHC

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 70817110
Conc: 50.16 ng/ml



#6 beta-BHC

R.T.: 3.675 min
Delta R.T.: 0.003 min
Response: 74554020
Conc: 49.20 ng/ml



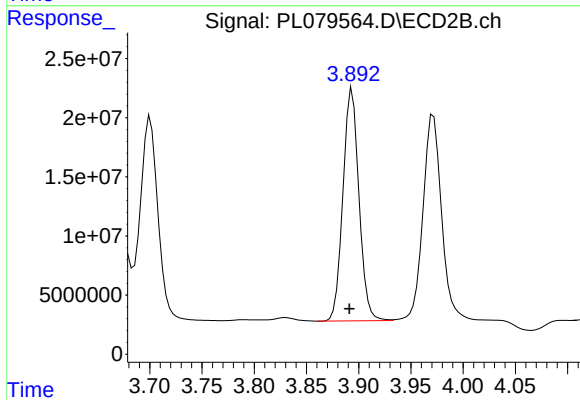
#7 delta-BHC

R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 136530188
Conc: 49.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-17MS

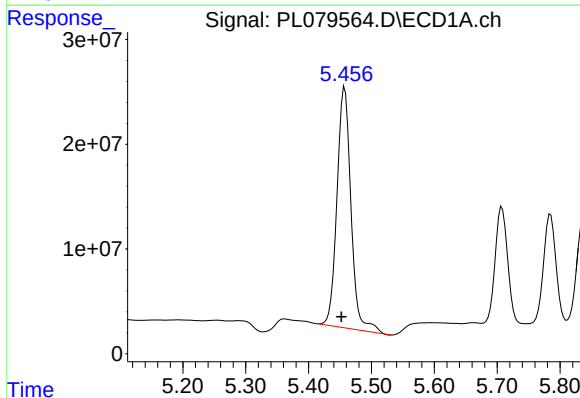
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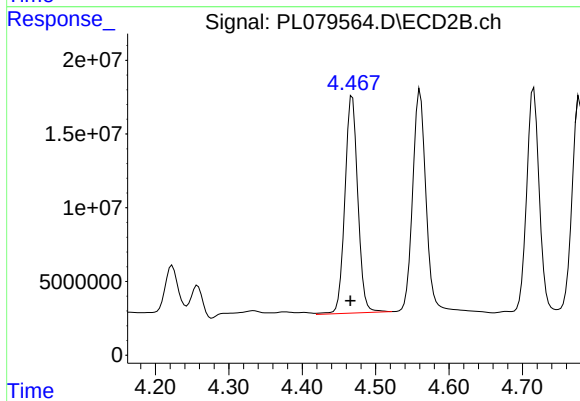
#7 delta-BHC

R.T.: 3.894 min
Delta R.T.: 0.003 min
Response: 209279142
Conc: 54.40 ng/ml



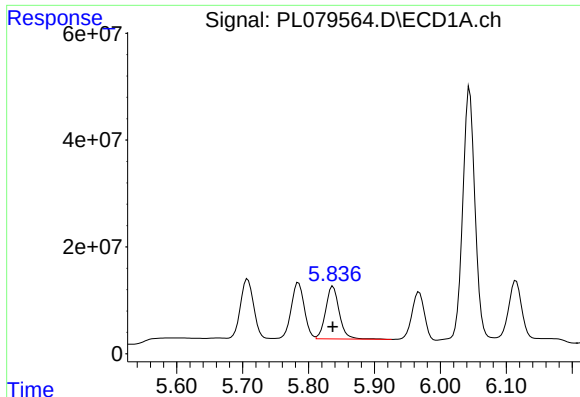
#8 Heptachlor epoxide

R.T.: 5.457 min
Delta R.T.: 0.005 min
Response: 357481608
Conc: 125.21 ng/ml



#8 Heptachlor epoxide

R.T.: 4.468 min
Delta R.T.: 0.003 min
Response: 180698713
Conc: 53.53 ng/ml



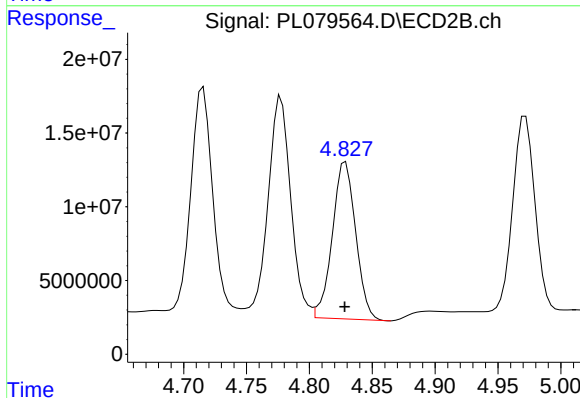
#9 Endosulfan I

R.T.: 5.837 min
Delta R.T.: 0.000 min
Response: 141541325
Conc: 53.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-17MS

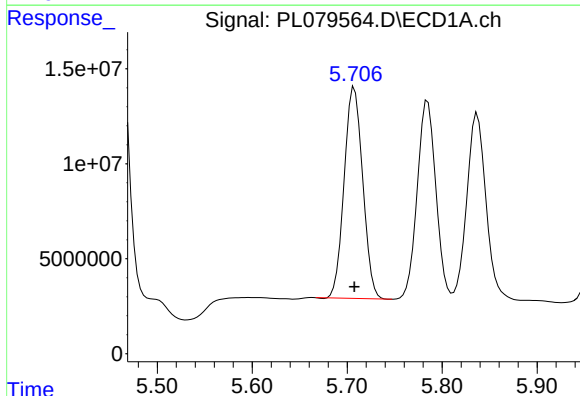
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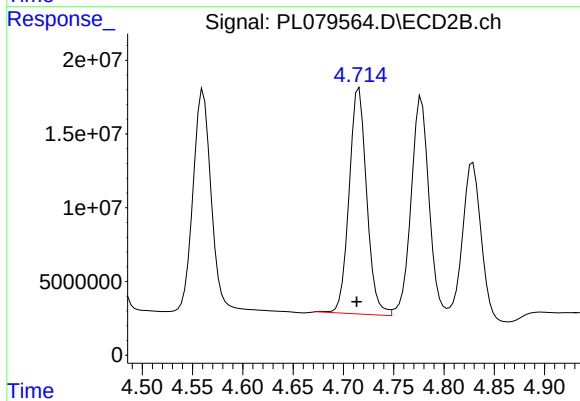
#9 Endosulfan I

R.T.: 4.829 min
Delta R.T.: 0.000 min
Response: 138048344
Conc: 43.14 ng/ml



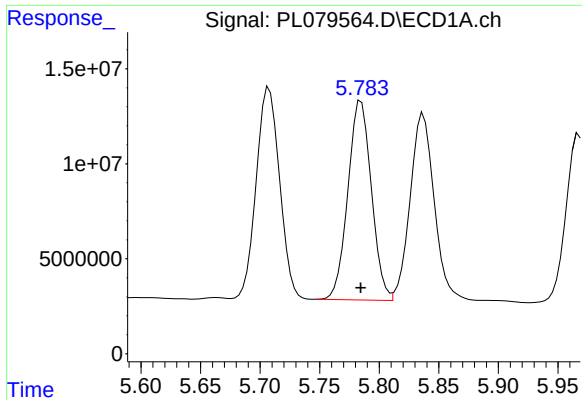
#10 gamma-Chlordane

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 151109551
Conc: 52.81 ng/ml



#10 gamma-Chlordane

R.T.: 4.716 min
Delta R.T.: 0.002 min
Response: 185709960
Conc: 54.87 ng/ml



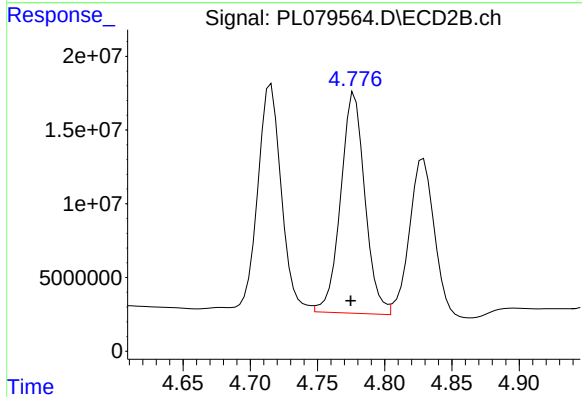
#11 alpha-Chlordane

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 144199916
Conc: 50.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-17MS

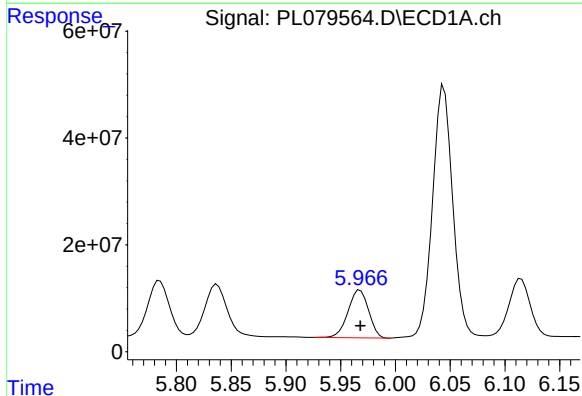
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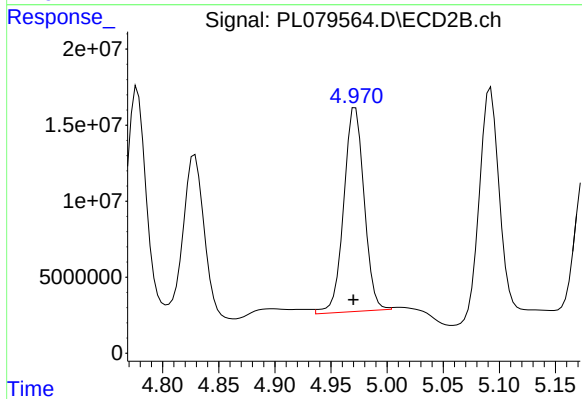
#11 alpha-Chlordane

R.T.: 4.777 min
Delta R.T.: 0.003 min
Response: 187585463
Conc: 56.01 ng/ml



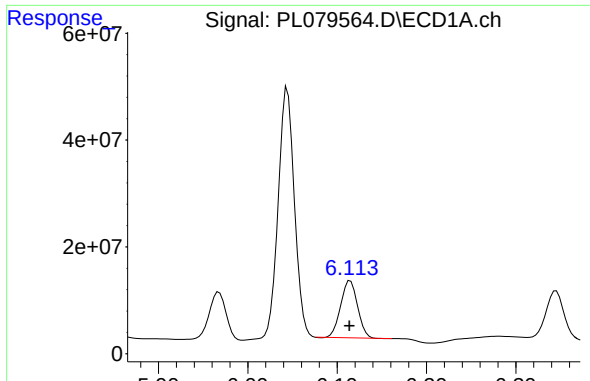
#12 4,4'-DDE

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 117262553
Conc: 46.94 ng/ml



#12 4,4'-DDE

R.T.: 4.972 min
Delta R.T.: 0.002 min
Response: 169450855
Conc: 55.27 ng/ml



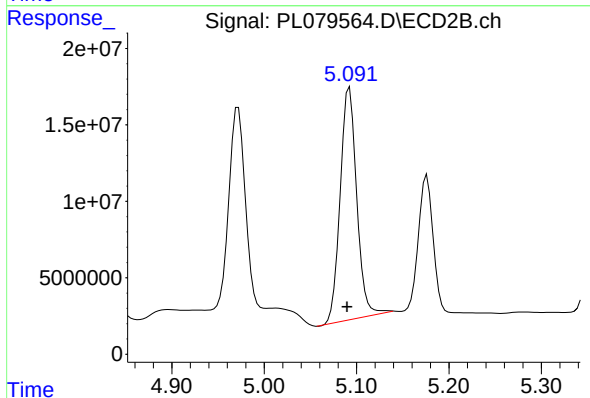
#13 Dieldrin

R.T.: 6.115 min
Delta R.T.: 0.000 min
Response: 139516052
Conc: 50.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-17MS

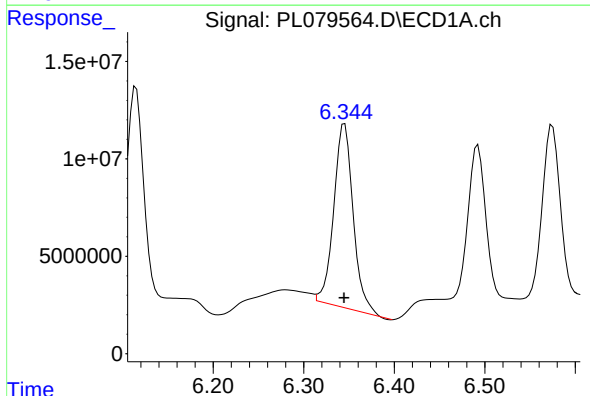
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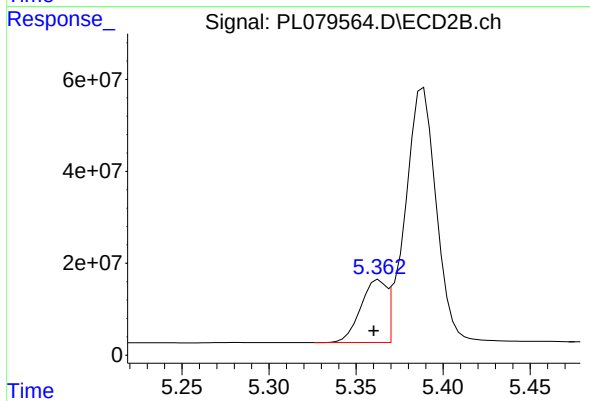
#13 Dieldrin

R.T.: 5.092 min
Delta R.T.: 0.003 min
Response: 190051624
Conc: 56.38 ng/ml



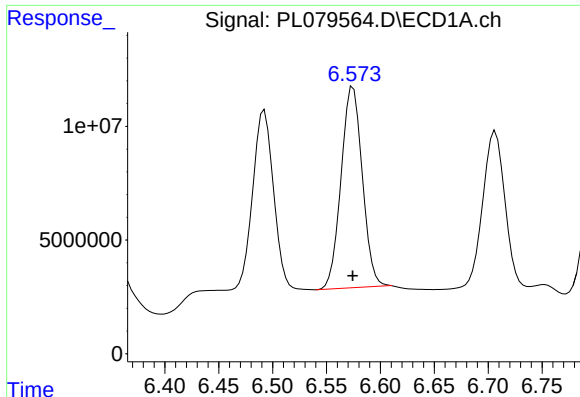
#14 Endrin

R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 141164877
Conc: 58.35 ng/ml



#14 Endrin

R.T.: 5.363 min
Delta R.T.: 0.003 min
Response: 139642492
Conc: 46.17 ng/ml



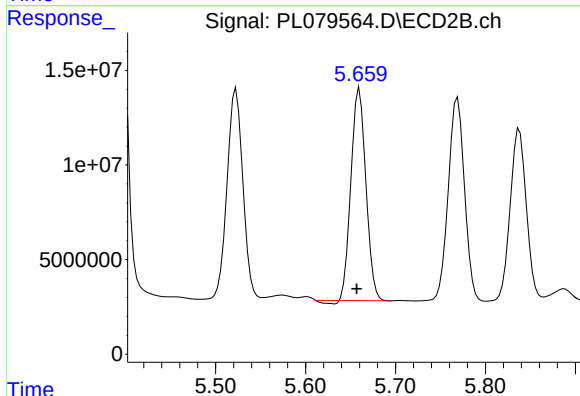
#15 Endosulfan II

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 121458924
Conc: 53.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-17MS

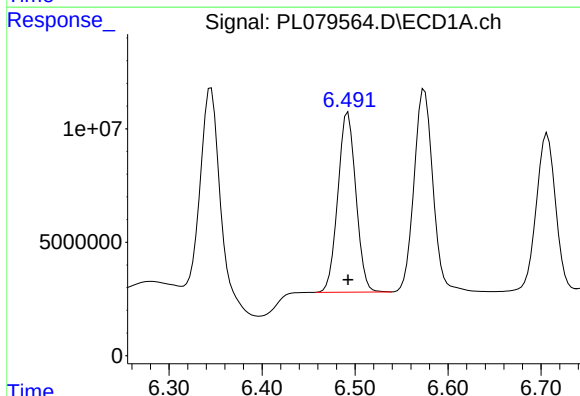
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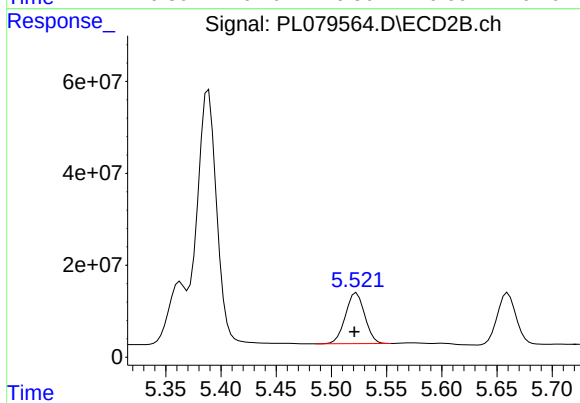
#15 Endosulfan II

R.T.: 5.660 min
Delta R.T.: 0.003 min
Response: 128485784
Conc: 45.92 ng/ml



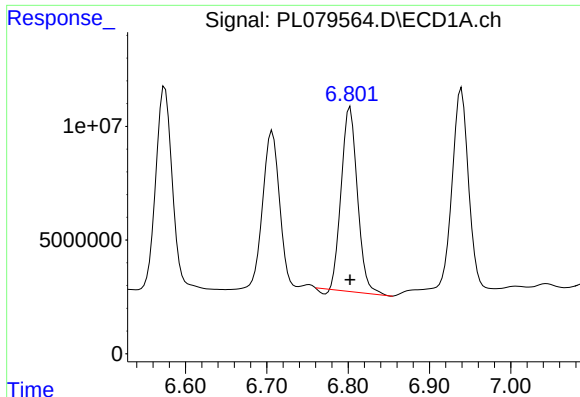
#16 4,4'-DDD

R.T.: 6.492 min
Delta R.T.: 0.000 min
Response: 106700309
Conc: 53.78 ng/ml



#16 4,4'-DDD

R.T.: 5.523 min
Delta R.T.: 0.002 min
Response: 134442851
Conc: 53.74 ng/ml



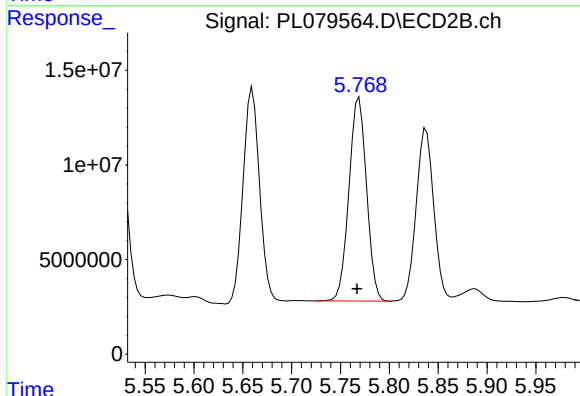
#17 4,4'-DDT

R.T.: 6.803 min
Delta R.T.: 0.000 min
Response: 111235800
Conc: 49.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-17MS

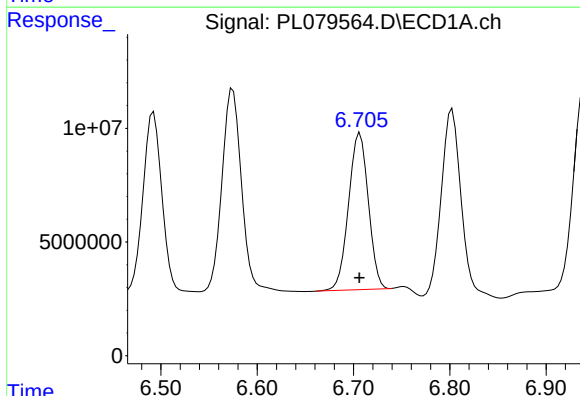
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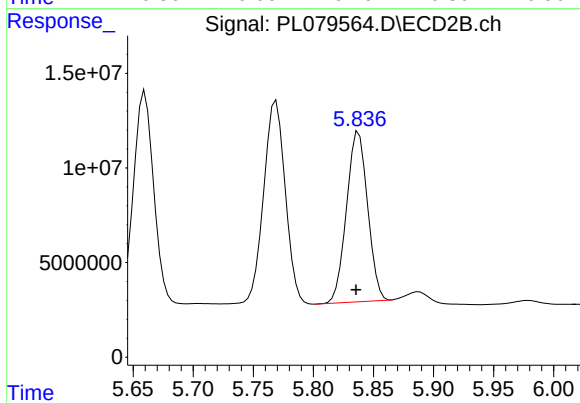
#17 4,4'-DDT

R.T.: 5.769 min
Delta R.T.: 0.002 min
Response: 134836153
Conc: 51.59 ng/ml



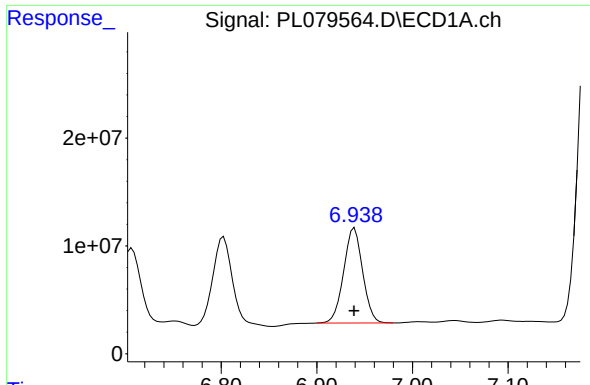
#18 Endrin aldehyde

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 98030076
Conc: 54.13 ng/ml



#18 Endrin aldehyde

R.T.: 5.838 min
Delta R.T.: 0.002 min
Response: 109977011
Conc: 51.67 ng/ml



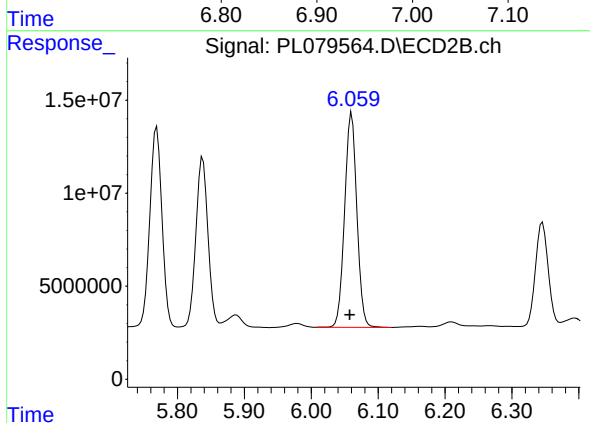
#19 Endosulfan Sulfate

R.T.: 6.939 min
Delta R.T.: 0.000 min
Response: 121811720
Conc: 52.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-17MS

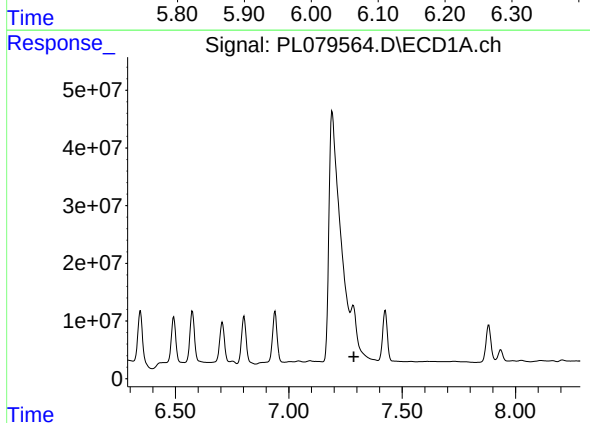
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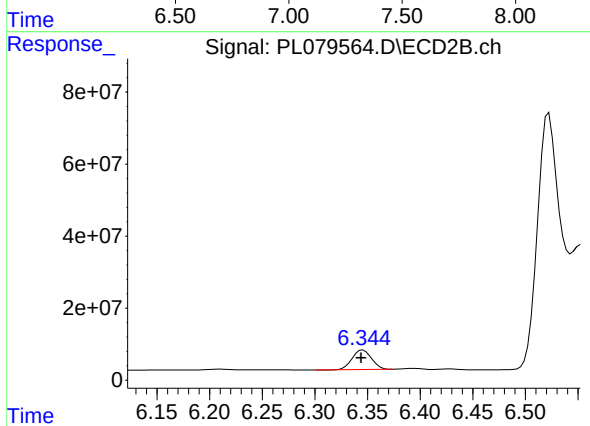
#19 Endosulfan Sulfate

R.T.: 6.060 min
Delta R.T.: 0.003 min
Response: 147226970
Conc: 52.18 ng/ml



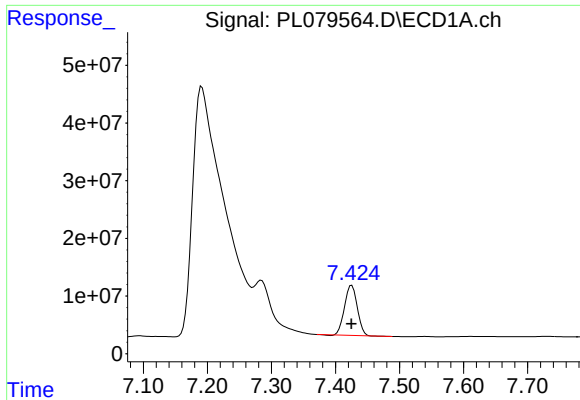
#20 Methoxychlor

R.T.: 7.284 min
Delta R.T.: -0.002 min
Response: -72093468
Conc: N.D.



#20 Methoxychlor

R.T.: 6.346 min
Delta R.T.: 0.002 min
Response: 69275304
Conc: 50.97 ng/ml



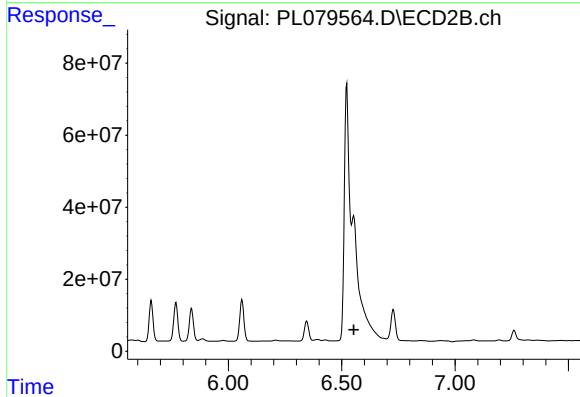
#21 Endrin ketone

R.T.: 7.425 min
Delta R.T.: 0.000 min
Response: 118850024
Conc: 48.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-17MS

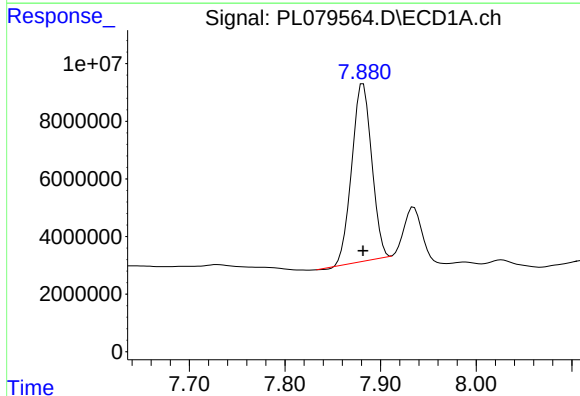
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/06/2022
Supervised By :Ankita Jodhani 12/06/2022



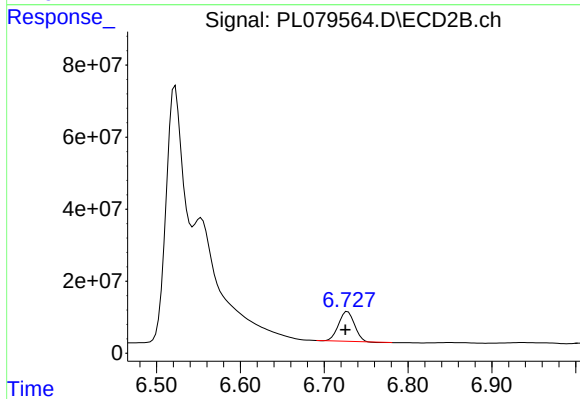
#21 Endrin ketone

R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: -508504361
Conc: N.D.



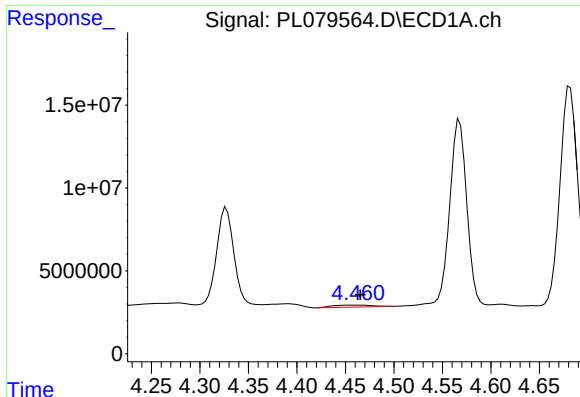
#22 Mirex

R.T.: 7.882 min
Delta R.T.: 0.000 min
Response: 89185689
Conc: 47.09 ng/ml



#22 Mirex

R.T.: 6.728 min
Delta R.T.: 0.003 min
Response: 107507869
Conc: 45.46 ng/ml



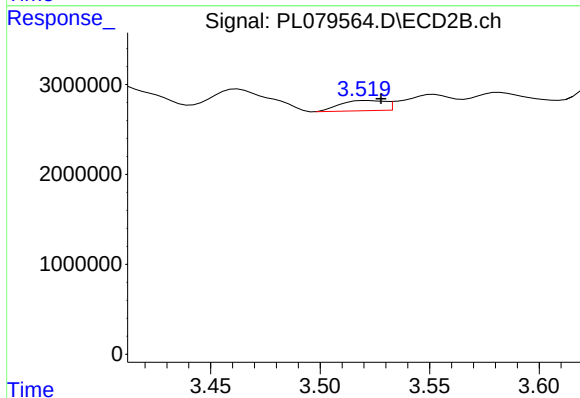
#23 Chlordane-1

R.T.: 4.461 min
Delta R.T.: -0.004 min
Response: 3418950
Conc: 36.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-17MS

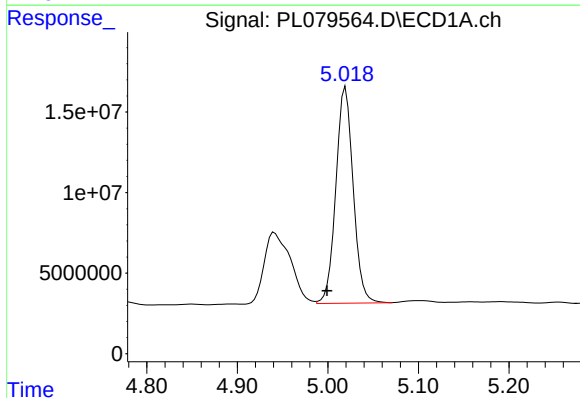
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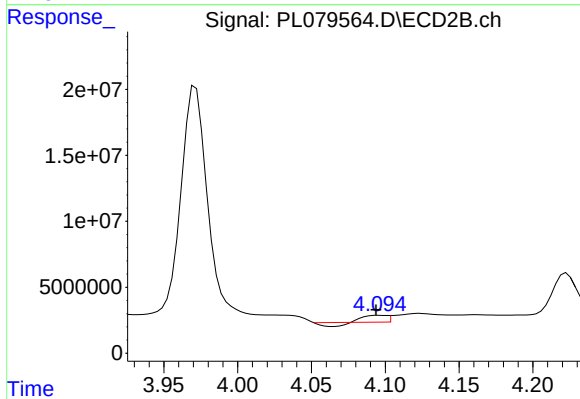
#23 Chlordane-1

R.T.: 3.522 min
Delta R.T.: -0.006 min
Response: 1607195
Conc: 15.11 ng/ml



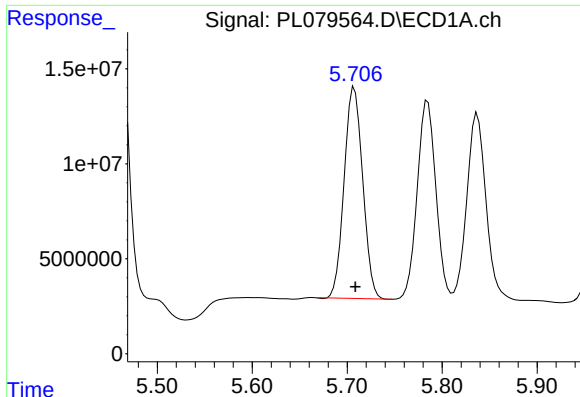
#24 Chlordane-2

R.T.: 5.020 min
Delta R.T.: 0.020 min
Response: 178212389
Conc: 1691.26 ng/ml



#24 Chlordane-2

R.T.: 4.096 min
Delta R.T.: 0.002 min
Response: 3922417
Conc: 33.50 ng/ml



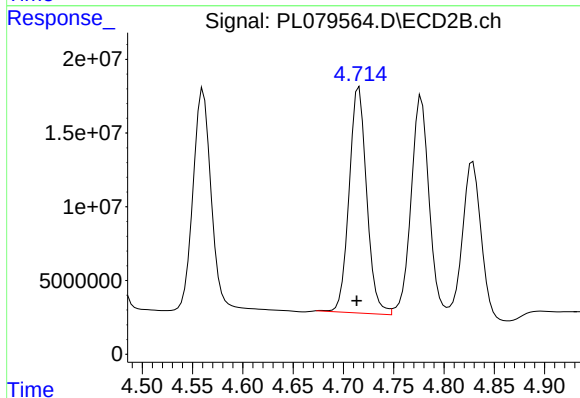
#25 Chlordane-3

R.T.: 5.708 min
Delta R.T.: -0.001 min
Response: 151109551
Conc: 363.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-17MS

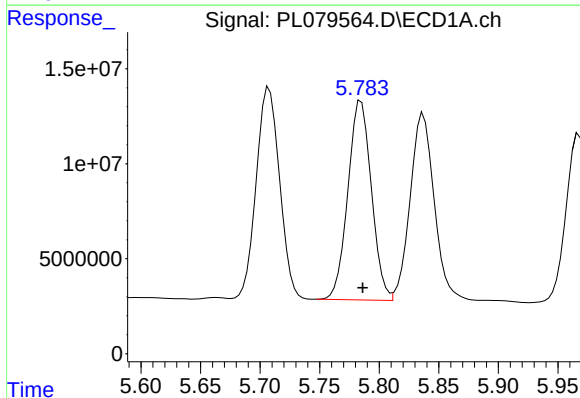
Manual Integrations
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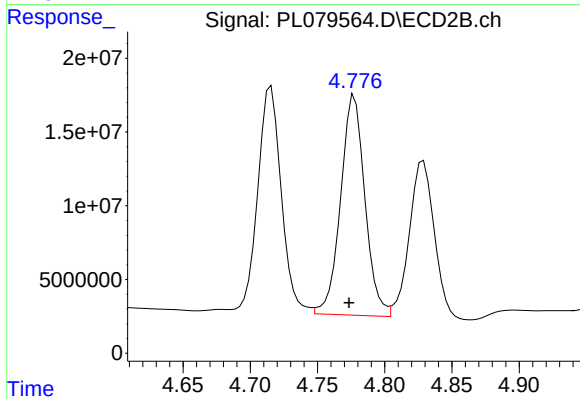
#25 Chlordane-3

R.T.: 4.716 min
Delta R.T.: 0.002 min
Response: 185709960
Conc: 555.51 ng/ml



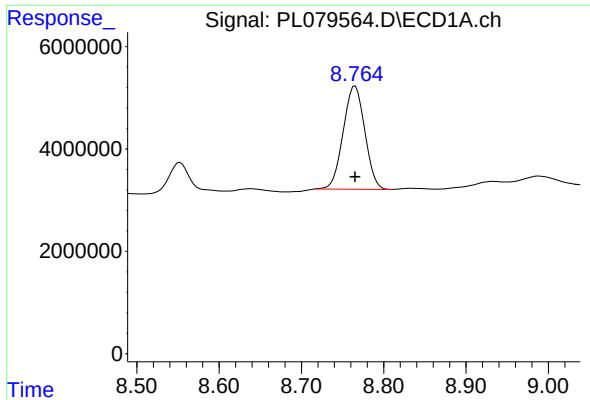
#26 Chlordane-4

R.T.: 5.785 min
Delta R.T.: -0.001 min
Response: 144199916
Conc: 283.42 ng/ml



#26 Chlordane-4

R.T.: 4.777 min
Delta R.T.: 0.004 min
Response: 187585463
Conc: 517.67 ng/ml



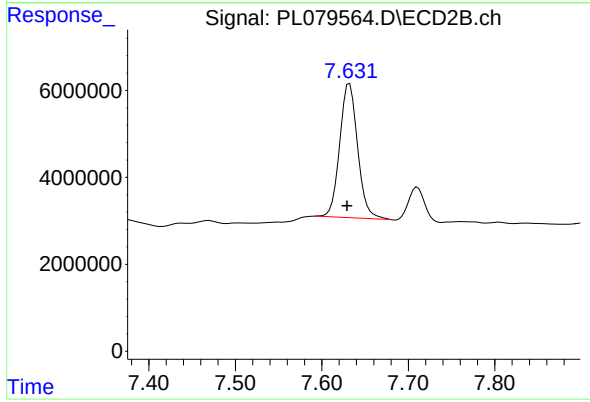
#28 Decachlorobiphenyl

R.T.: 8.765 min
Delta R.T.: 0.000 min
Response: 36783276
Conc: 18.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-17MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.632 min
Delta R.T.: 0.003 min
Response: 44117442
Conc: 18.78 ng/ml