

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041322\
 Data File : PL074030.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Apr 2022 22:45
 Operator : AR\AJ
 Sample : N2349-13MSD 10X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 DEL-7

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/18/2022
 Supervised By :mohammad ahmed 04/18/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 14 00:44:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 08 15:48:40 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...	4.635	5.490	430047	1472701	1.331m	0.826 #
28) SA Decachlor...	10.405	11.308f	3648672	5606122	7.016	3.174m#
Target Compounds						
2) A alpha-BHC	5.345	6.053	1842760	7380894	4.391	2.931 #
3) MA gamma-BHC...	5.768	6.443	1829233	7135309	4.362	3.014 #
4) MA Heptachlor	6.180	7.102	1588985	6332432	3.527	2.428 #
5) MB Aldrin	6.501	7.470	7554870	5288360	18.202	2.252 #
6) B beta-BHC	6.147	6.680	431861	4126601	2.114m	3.662 #
7) B delta-BHC	6.411	6.948	1561005	9190749	3.774	3.763m
8) B Heptachlo...	7.082	7.924	1804662	63866932	4.207	28.366m#
9) A Endosulfan I	7.485	8.322	1651829	8515125	4.028	4.325
10) B gamma-Chl...	7.344f	8.170f	23867014	125.9E6	54.418	56.459
11) B alpha-Chl...	7.421	8.279	6795095	9022553	15.381	4.191 #
12) B 4,4'-DDE	7.641	8.456	1909434	80863429	5.234m	40.600m#
13) MA Dieldrin	7.780	8.614	32524171	18465083	75.713m	9.208m#
14) MA Endrin	8.078	8.849	4755928	159.0E6	11.707m	93.867m#
15) B Endosulfa...	8.367	9.070	22288864	7487190	54.078	4.310 #
16) A 4,4'-DDD	8.228	8.999	1086511	100.1E6	3.365m	65.085m#
17) MA 4,4'-DDT	8.485	9.311	49890364	50206188	134.970	28.322m#
18) B Endrin al...	8.547f	9.214	4760342	11006166	14.713m	8.521m#
19) B Endosulfa...	8.794	9.425f	2127590	6834454	4.982m	4.106m
20) A Methoxychlor	9.075	9.795	1331925	552745	5.365m	0.575m#
21) B Endrin ke...	9.314	9.953f	1436929	11185374	2.941m	6.462m#
22) Mirex	9.498	10.409	2649757	14247821	5.681m	10.344 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041322\
 Data File : PL074030.D
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 Acq On : 13 Apr 2022 22:45
 Operator : AR\AJ
 Sample : N2349-13MSD 10X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

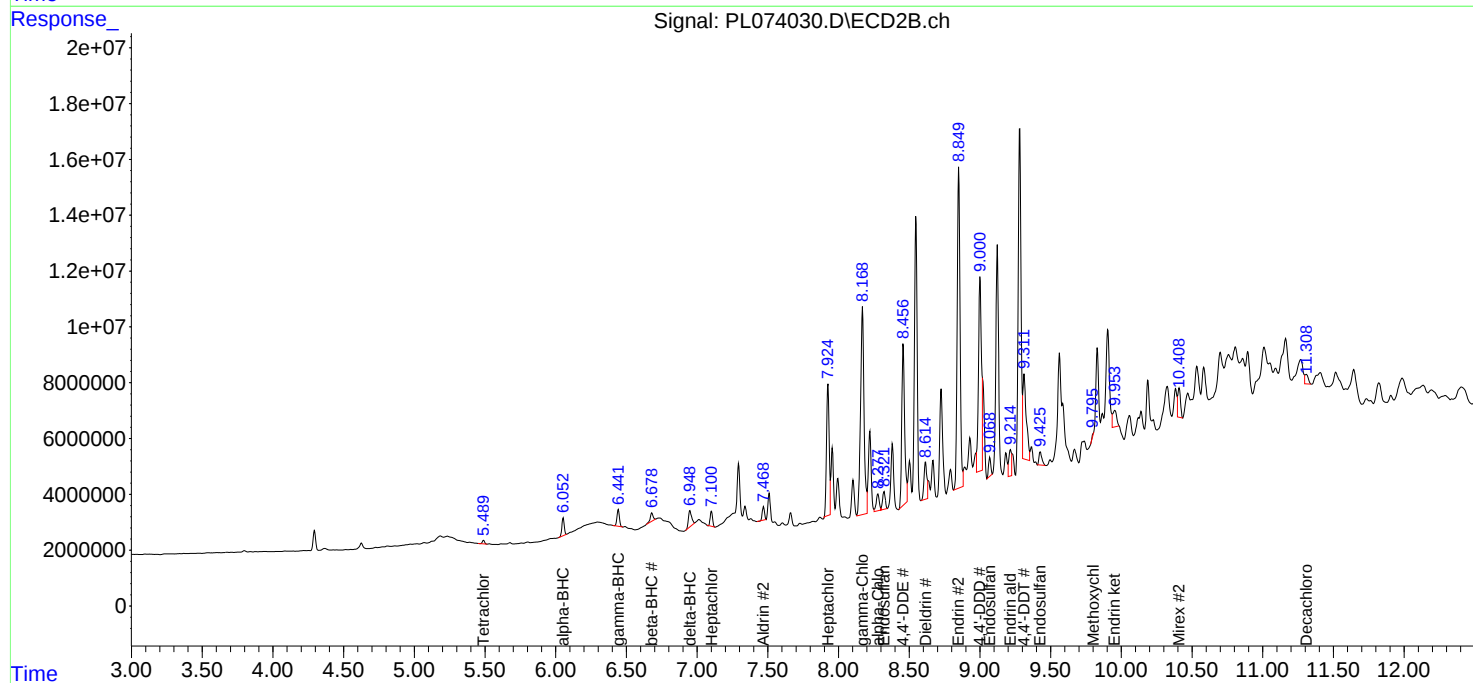
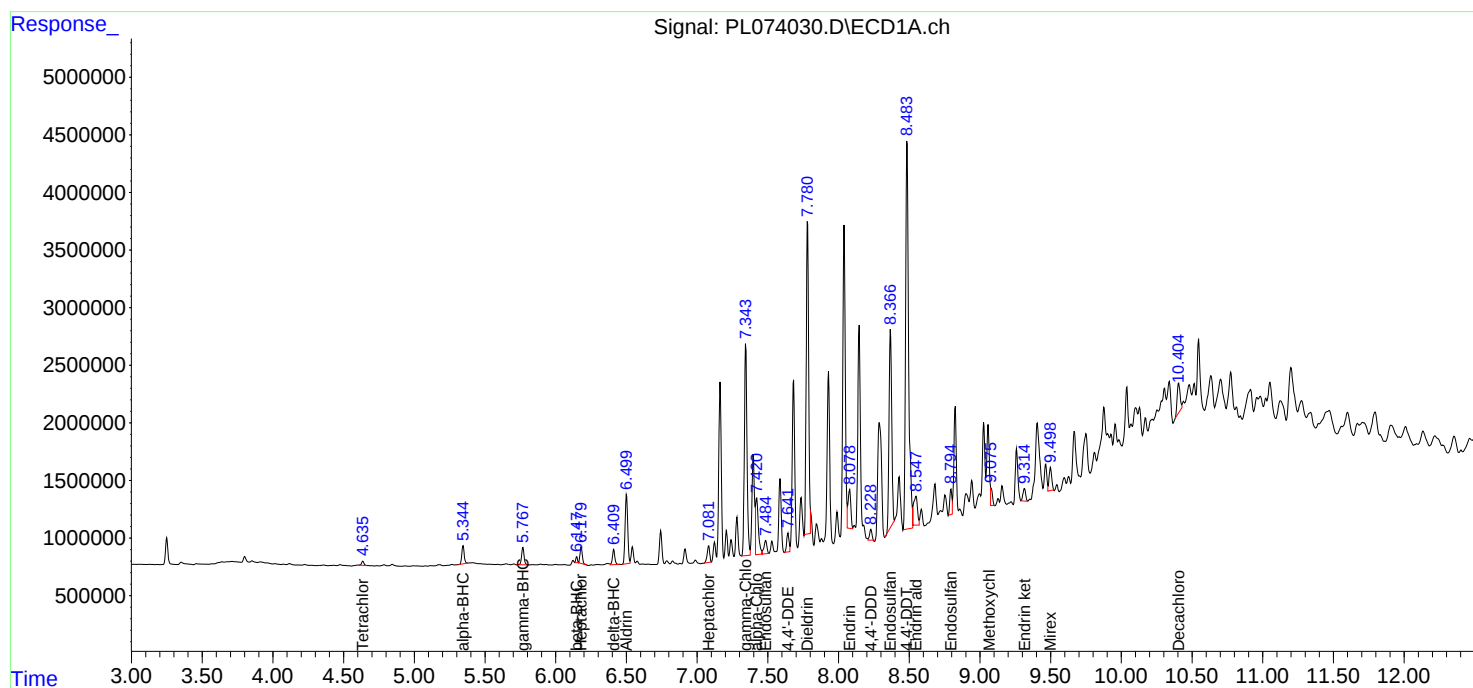
Instrument :
 ECD_L
 ClientSampleId :
 DEL-7

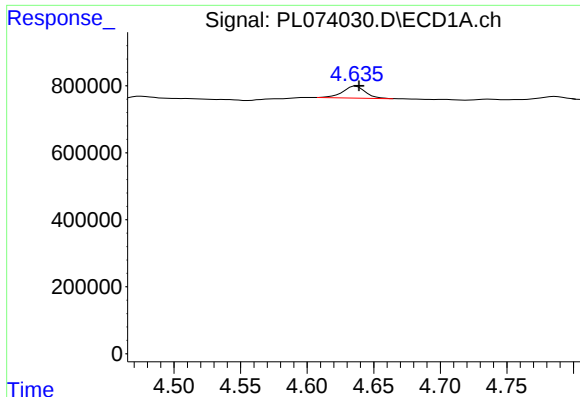
Manual Integrations APPROVED

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 Supervised By : mohammad ahmed 04/18/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 14 00:44:47 2022
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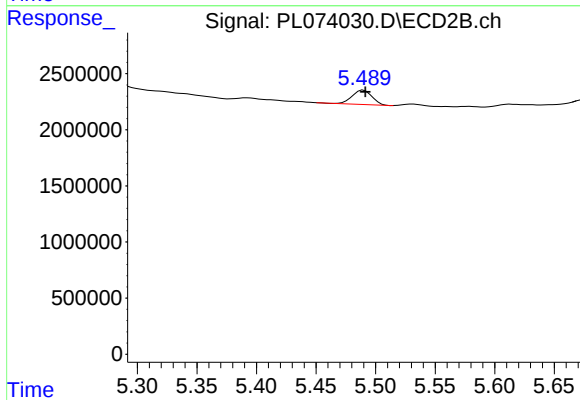
#1 Tetrachloro-m-xylene

R.T.: 4.635 min
Delta R.T.: -0.004 min
Response: 430047
Conc: 1.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

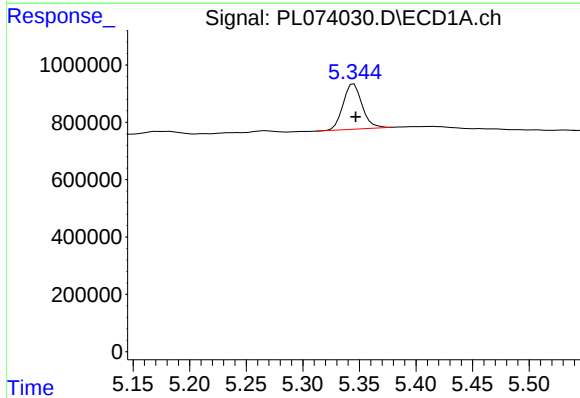
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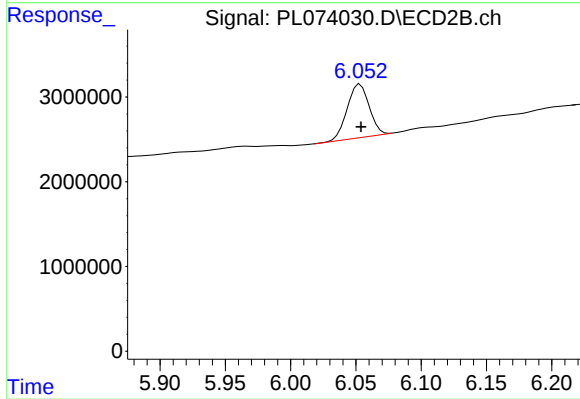
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.002 min
Response: 1472701
Conc: 0.83 ng/ml



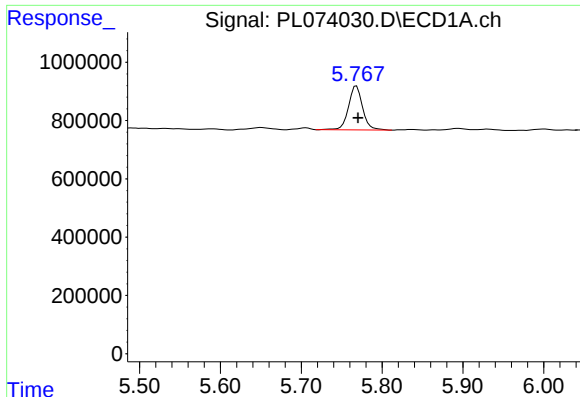
#2 alpha-BHC

R.T.: 5.345 min
Delta R.T.: -0.002 min
Response: 1842760
Conc: 4.39 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 7380894
Conc: 2.93 ng/ml



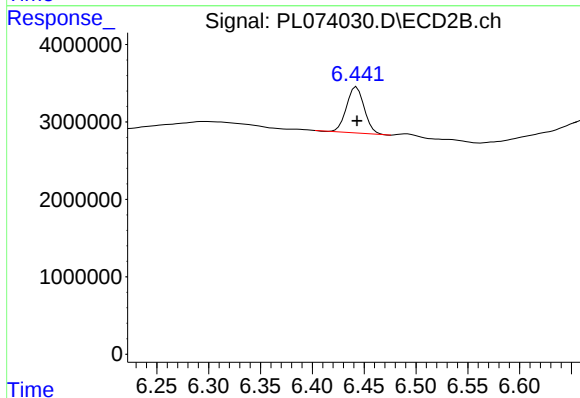
#3 gamma-BHC (Lindane)

R.T.: 5.768 min
Delta R.T.: -0.002 min
Response: 1829233
Conc: 4.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

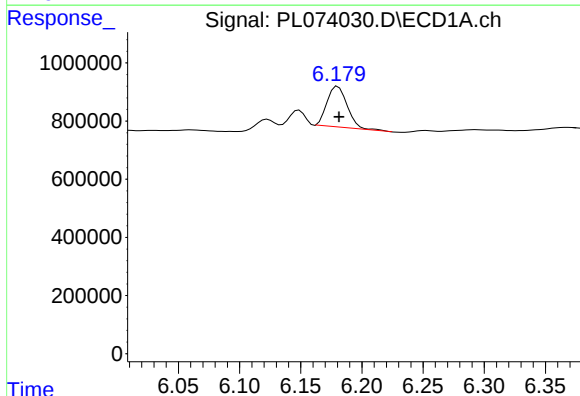
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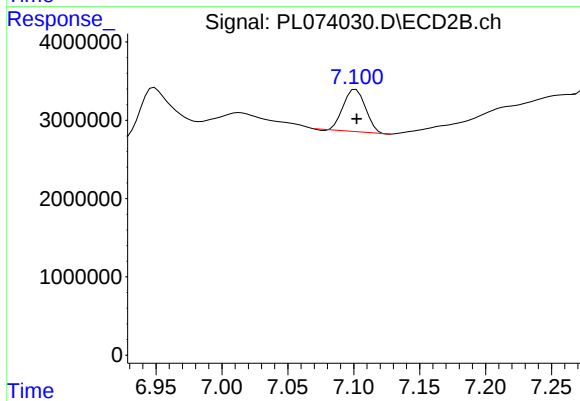
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 7135309
Conc: 3.01 ng/ml



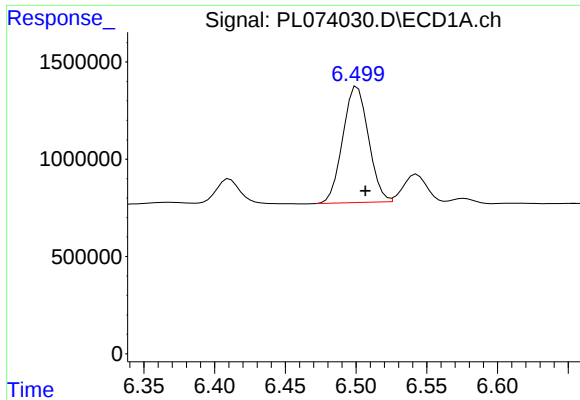
#4 Heptachlor

R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 1588985
Conc: 3.53 ng/ml



#4 Heptachlor

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 6332432
Conc: 2.43 ng/ml



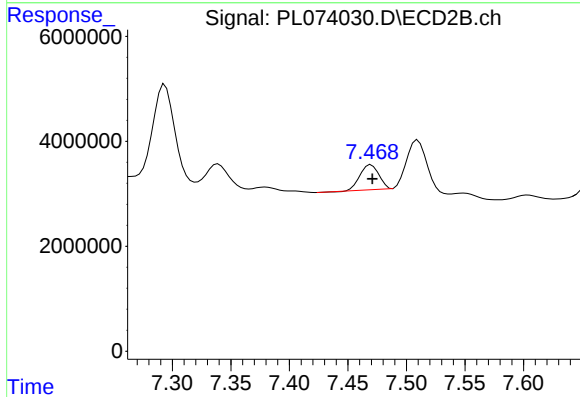
#5 Aldrin

R.T.: 6.501 min
Delta R.T.: -0.006 min
Response: 7554870
Conc: 18.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

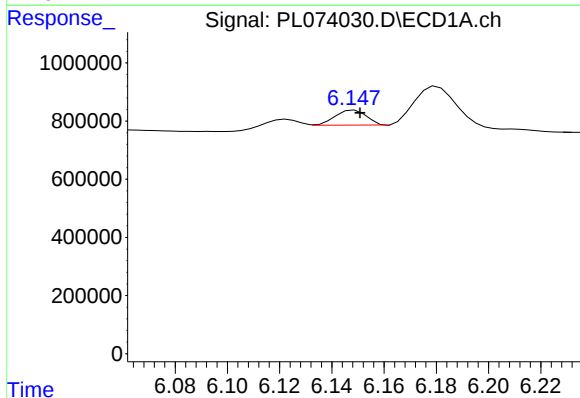
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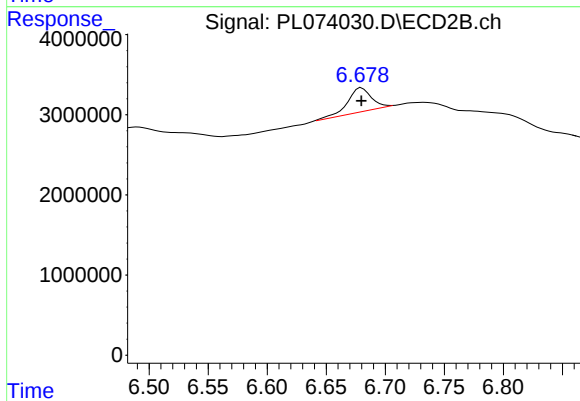
#5 Aldrin

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 5288360
Conc: 2.25 ng/ml



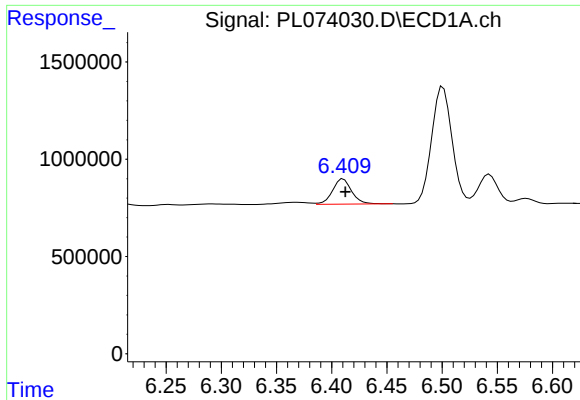
#6 beta-BHC

R.T.: 6.147 min
Delta R.T.: -0.003 min
Response: 431861
Conc: 2.11 ng/ml m



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 4126601
Conc: 3.66 ng/ml



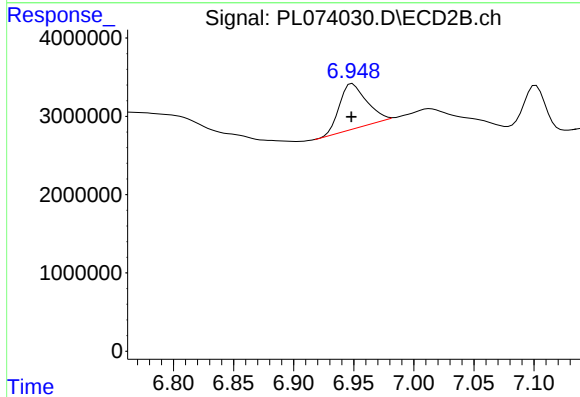
#7 delta-BHC

R.T.: 6.411 min
Delta R.T.: -0.002 min
Response: 1561005
Conc: 3.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

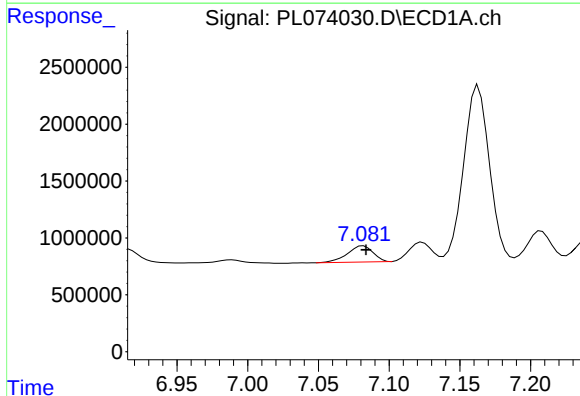
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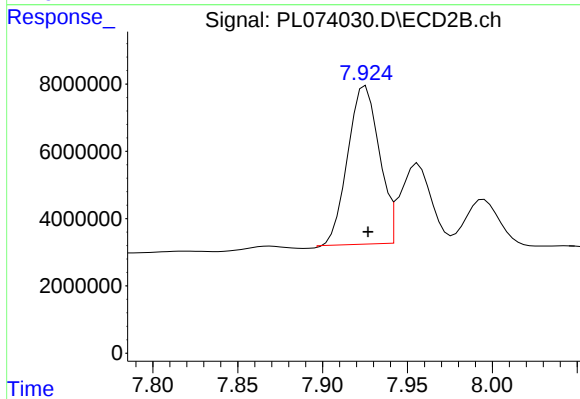
#7 delta-BHC

R.T.: 6.948 min
Delta R.T.: 0.000 min
Response: 9190749
Conc: 3.76 ng/ml m



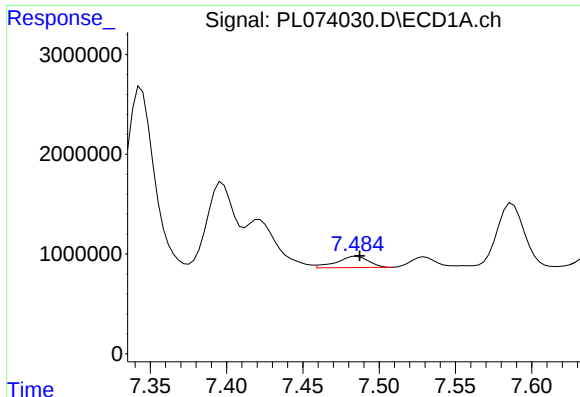
#8 Heptachlor epoxide

R.T.: 7.082 min
Delta R.T.: -0.002 min
Response: 1804662
Conc: 4.21 ng/ml



#8 Heptachlor epoxide

R.T.: 7.924 min
Delta R.T.: -0.003 min
Response: 63866932
Conc: 28.37 ng/ml m



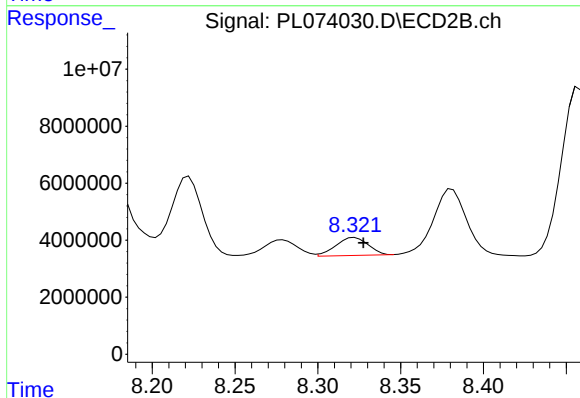
#9 Endosulfan I

R.T.: 7.485 min
Delta R.T.: -0.002 min
Response: 1651829
Conc: 4.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

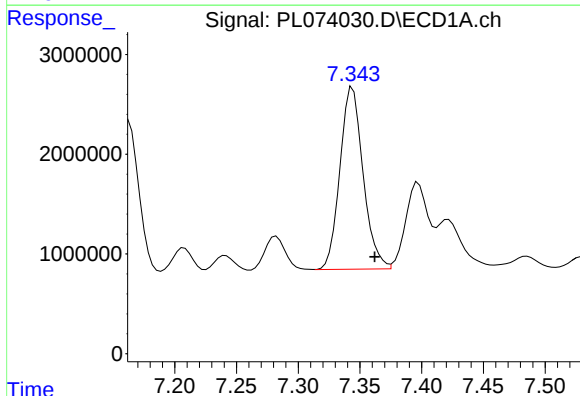
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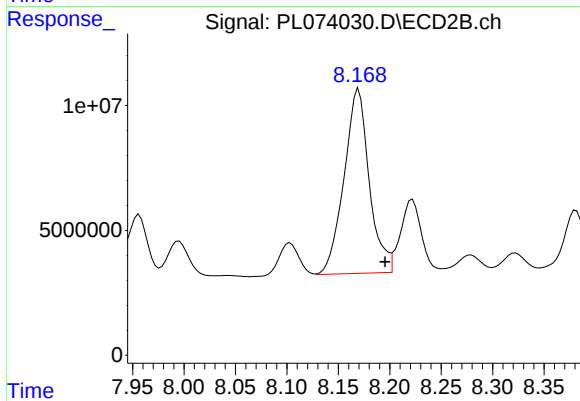
#9 Endosulfan I

R.T.: 8.322 min
Delta R.T.: -0.005 min
Response: 8515125
Conc: 4.33 ng/ml



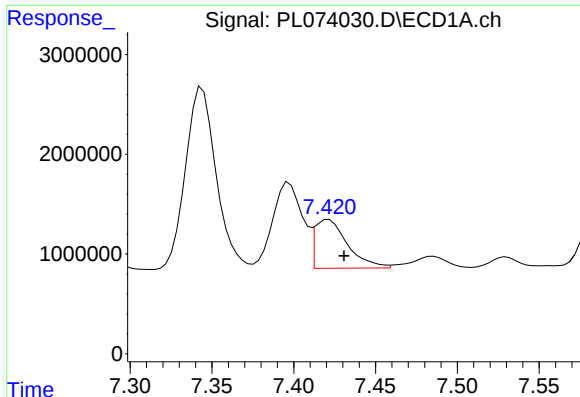
#10 gamma-Chlordane

R.T.: 7.344 min
Delta R.T.: -0.018 min
Response: 23867014
Conc: 54.42 ng/ml



#10 gamma-Chlordane

R.T.: 8.170 min
Delta R.T.: -0.026 min
Response: 125923192
Conc: 56.46 ng/ml



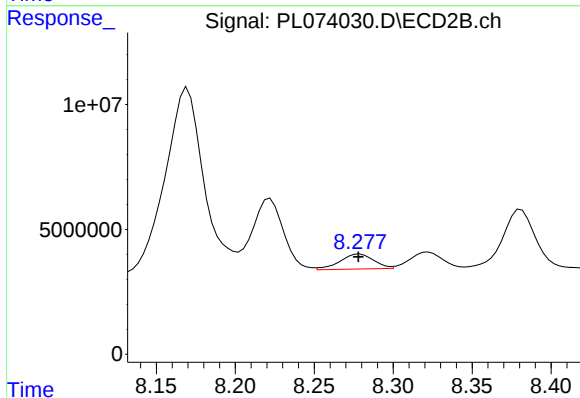
#11 alpha-Chlordane

R.T.: 7.421 min
Delta R.T.: -0.009 min
Response: 6795095
Conc: 15.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

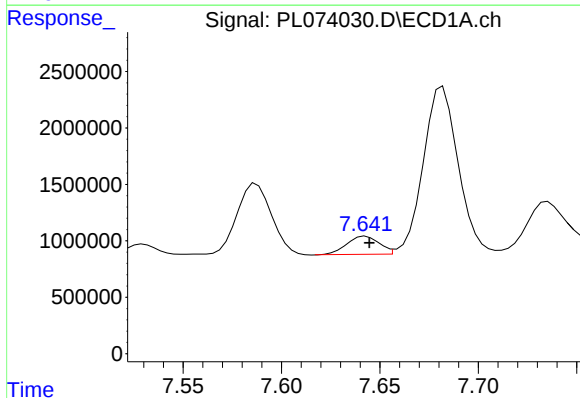
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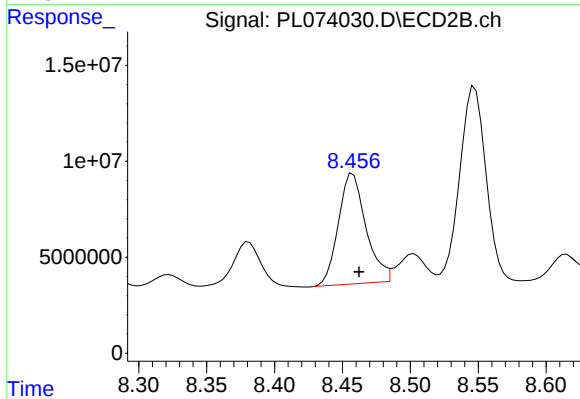
#11 alpha-Chlordane

R.T.: 8.279 min
Delta R.T.: 0.000 min
Response: 9022553
Conc: 4.19 ng/ml



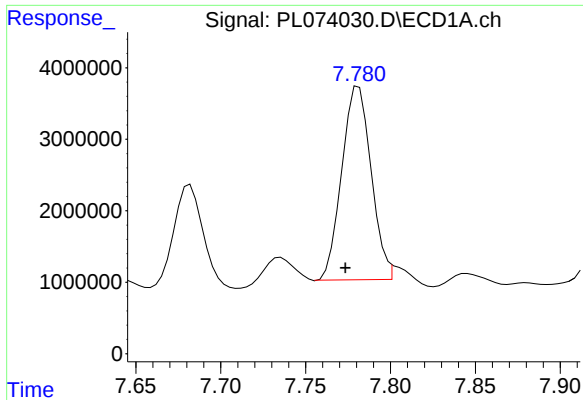
#12 4,4'-DDE

R.T.: 7.641 min
Delta R.T.: -0.003 min
Response: 1909434
Conc: 5.23 ng/ml m



#12 4,4'-DDE

R.T.: 8.456 min
Delta R.T.: -0.006 min
Response: 80863429
Conc: 40.60 ng/ml m



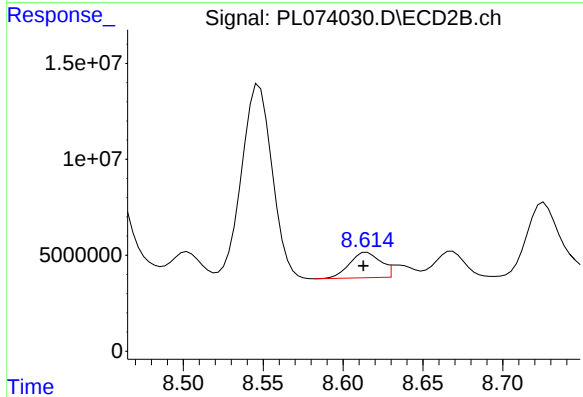
#13 Dieldrin

R.T.: 7.780 min
Delta R.T.: 0.006 min
Response: 32524171
Conc: 75.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

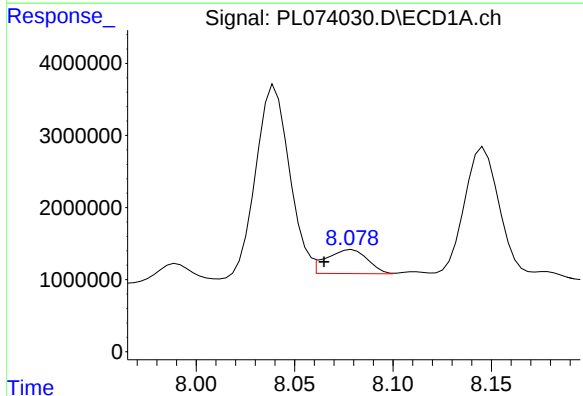
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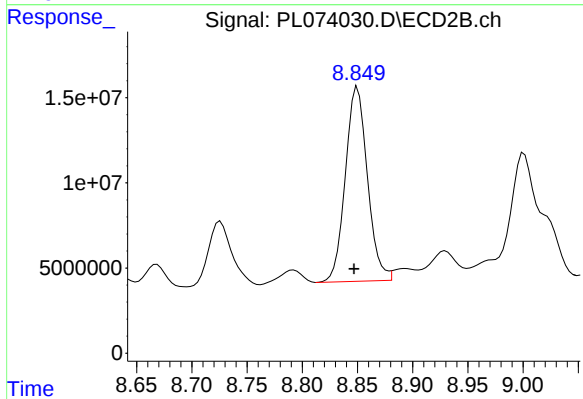
#13 Dieldrin

R.T.: 8.614 min
Delta R.T.: 0.000 min
Response: 18465083
Conc: 9.21 ng/ml m



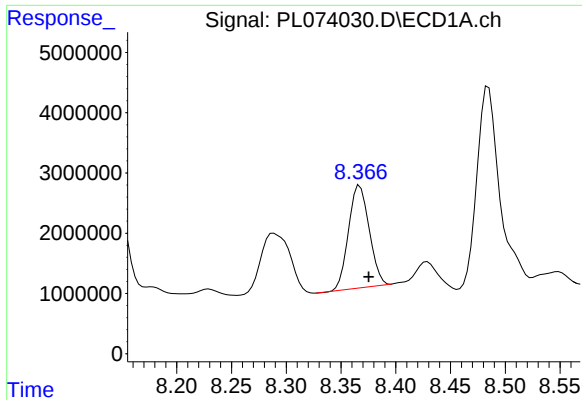
#14 Endrin

R.T.: 8.078 min
Delta R.T.: 0.013 min
Response: 4755928
Conc: 11.71 ng/ml m



#14 Endrin

R.T.: 8.849 min
Delta R.T.: 0.002 min
Response: 158979126
Conc: 93.87 ng/ml m



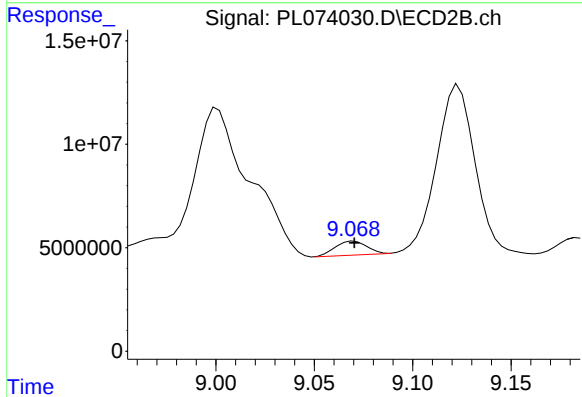
#15 Endosulfan II

R.T.: 8.367 min
Delta R.T.: -0.008 min
Response: 22288864
Conc: 54.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

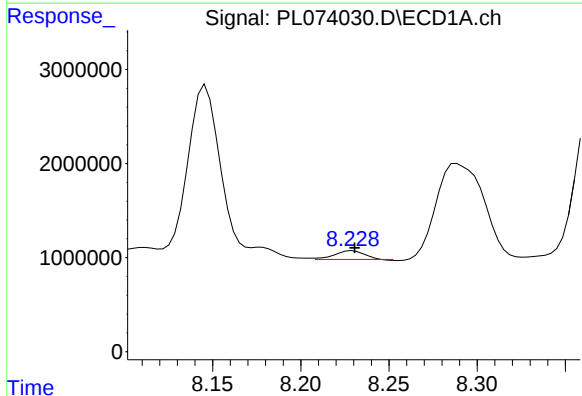
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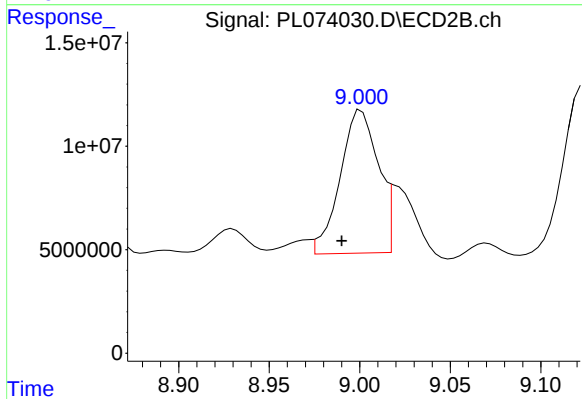
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 7487190
Conc: 4.31 ng/ml



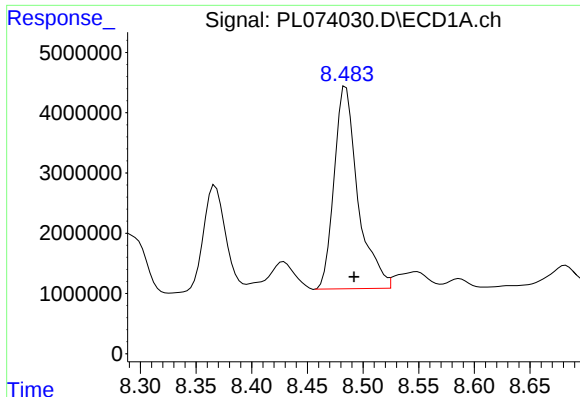
#16 4,4'-DDD

R.T.: 8.228 min
Delta R.T.: -0.003 min
Response: 1086511
Conc: 3.36 ng/ml m



#16 4,4'-DDD

R.T.: 8.999 min
Delta R.T.: 0.009 min
Response: 100139823
Conc: 65.09 ng/ml m



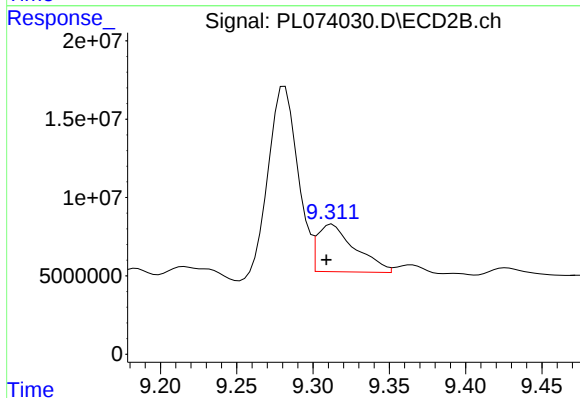
#17 4,4'-DDT

R.T.: 8.485 min
Delta R.T.: -0.007 min
Response: 49890364
Conc: 134.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

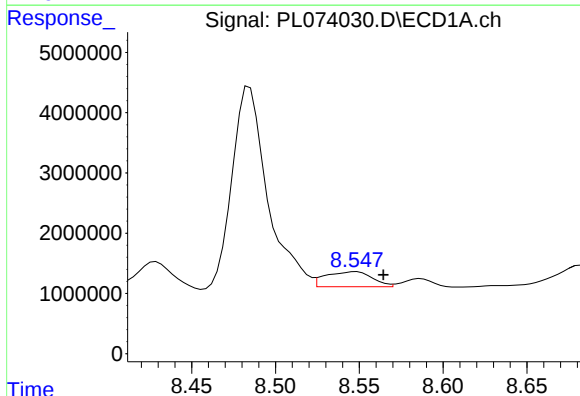
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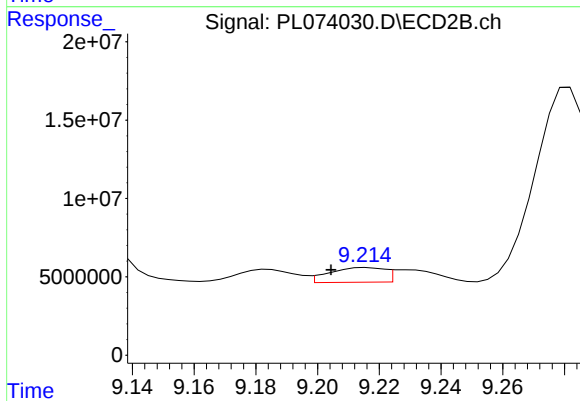
#17 4,4'-DDT

R.T.: 9.311 min
Delta R.T.: 0.002 min
Response: 50206188
Conc: 28.32 ng/ml m



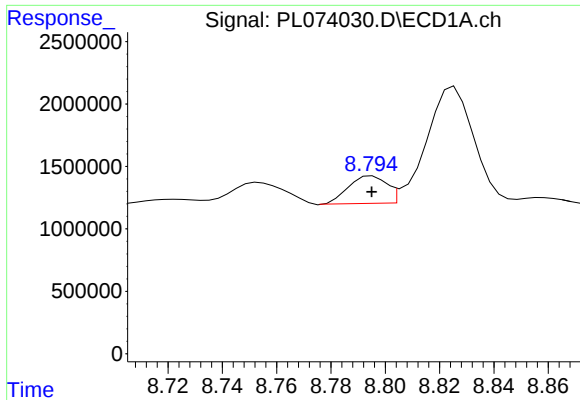
#18 Endrin aldehyde

R.T.: 8.547 min
Delta R.T.: -0.017 min
Response: 4760342
Conc: 14.71 ng/ml m



#18 Endrin aldehyde

R.T.: 9.214 min
Delta R.T.: 0.010 min
Response: 11006166
Conc: 8.52 ng/ml m



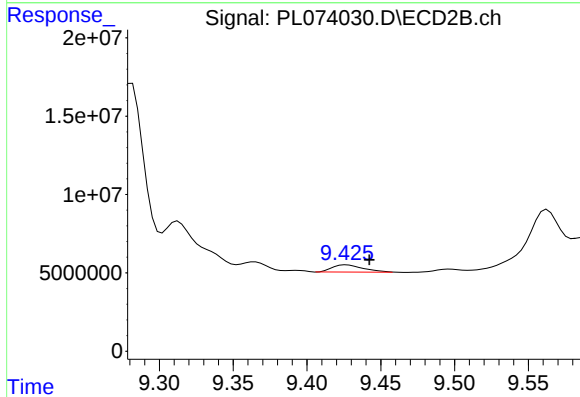
#19 Endosulfan Sulfate

R.T.: 8.794 min
Delta R.T.: -0.001 min
Response: 2127590
Conc: 4.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

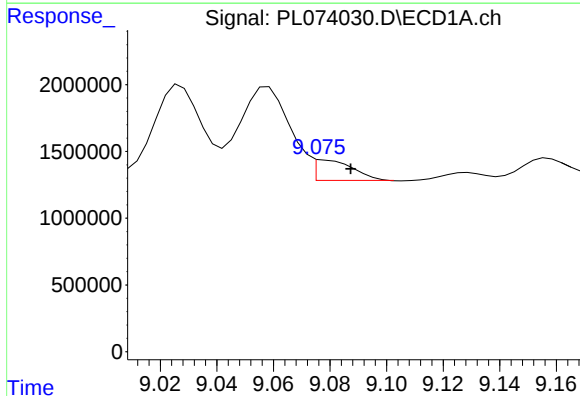
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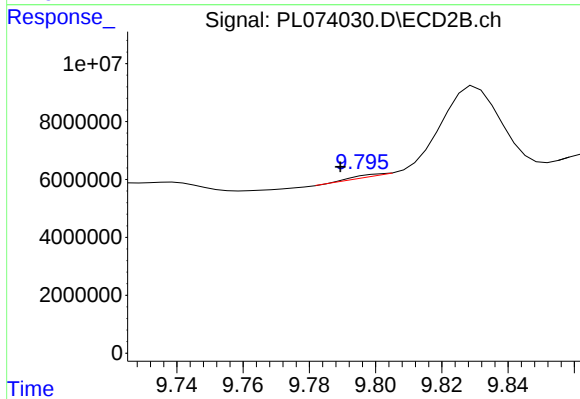
#19 Endosulfan Sulfate

R.T.: 9.425 min
Delta R.T.: -0.017 min
Response: 6834454
Conc: 4.11 ng/ml m



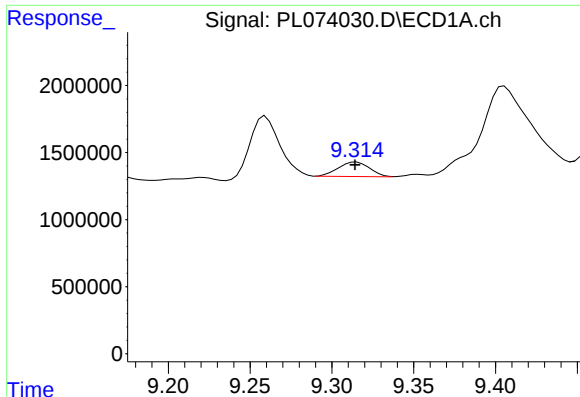
#20 Methoxychlor

R.T.: 9.075 min
Delta R.T.: -0.012 min
Response: 1331925
Conc: 5.36 ng/ml m



#20 Methoxychlor

R.T.: 9.795 min
Delta R.T.: 0.006 min
Response: 552745
Conc: 0.57 ng/ml m



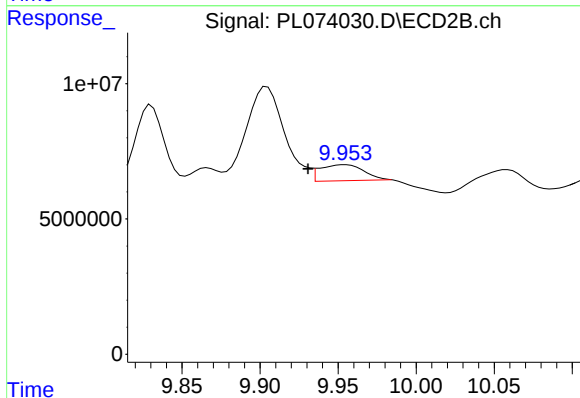
#21 Endrin ketone

R.T.: 9.314 min
Delta R.T.: 0.000 min
Response: 1436929
Conc: 2.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

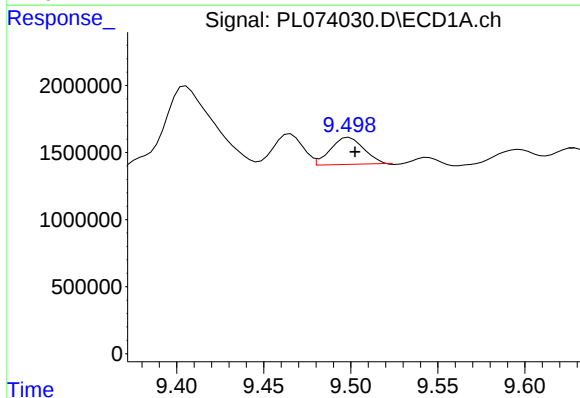
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APPROVED

Reviewed By :Abdul Mirza 04/18/2022
Supervised By :mohammad ahmed 04/18/2022



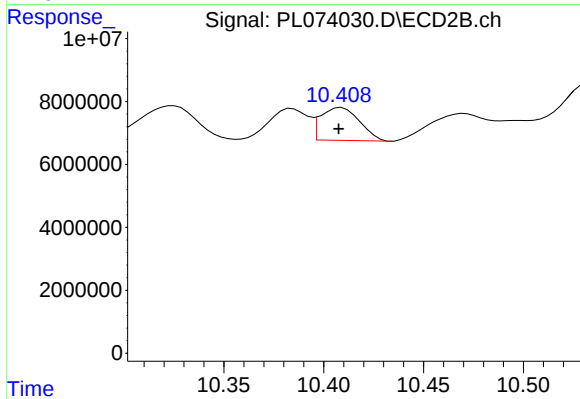
#21 Endrin ketone

R.T.: 9.953 min
Delta R.T.: 0.022 min
Response: 11185374
Conc: 6.46 ng/ml m



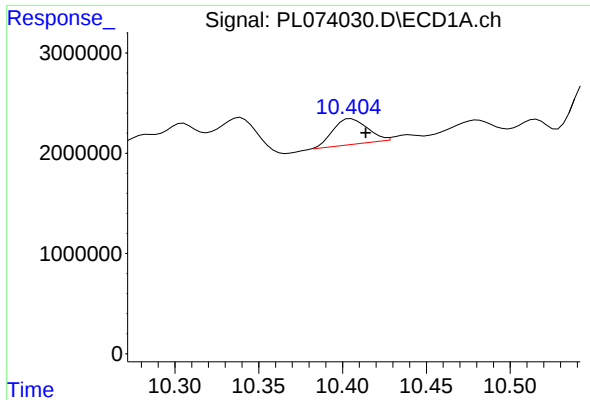
#22 Mirex

R.T.: 9.498 min
Delta R.T.: -0.005 min
Response: 2649757
Conc: 5.68 ng/ml m



#22 Mirex

R.T.: 10.409 min
Delta R.T.: 0.002 min
Response: 14247821
Conc: 10.34 ng/ml



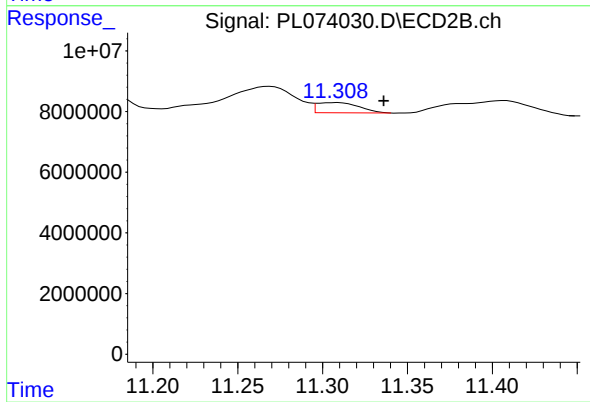
#28 Decachlorobiphenyl

R.T.: 10.405 min
Delta R.T.: -0.009 min
Response: 3648672
Conc: 7.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 11.308 min
Delta R.T.: -0.028 min
Response: 5606122
Conc: 3.17 ng/ml m