

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL113021\
 Data File : PL071218.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Nov 2021 18:53
 Operator : AR\AJ
 Sample : M4849-01MSD 20X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 HD-1-112921MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/01/2021
 Supervised By :Ankita Jodhani 12/01/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 30 21:39:30 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL113021.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 30 16:26:31 2021
 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...	4.563	5.500	671593	1693642	1.430	1.350
28) SA Decachlor...	10.326	11.391	822905	2236889	1.136	1.609 #
Target Compounds						
2) A alpha-BHC	5.268	6.079	1622593	4497804	2.482m	2.429
3) MA gamma-BHC...	5.692	6.475	1886616	4628775	2.954	2.630
4) MA Heptachlor	6.098	7.122	1843304	4700514	2.659m	2.563
5) MB Aldrin	6.423	7.492	1705409	4463908	2.748	2.647
6) B beta-BHC	6.074	6.733	783861	3473204	2.589m	3.946 #
7) B delta-BHC	6.334	6.999	1213943	2263457	1.902	1.331m#
8) B Heptachlo...	7.001	7.958	1827837	3580068	2.933	2.253
9) A Endosulfan I	7.403	8.363	1953027	3992271	3.284	2.642
10) B gamma-Chl...	7.278	8.228	2081451	4675138	3.278	2.924
11) B alpha-Chl...	7.346	8.309	1913450	4404853	2.990m	2.772
12) B 4,4'-DDE	7.562	8.498	1535464	3966363	2.714	2.576
13) MA Dieldrin	7.689	8.652	1757863	4696541	2.907	3.023
14) MA Endrin	7.980	8.891	1748981	3413053	3.093	2.544
15) B Endosulfa...	8.292	9.126	1876339	4058345	3.214	3.012
16) A 4,4'-DDD	8.148	9.038	1547954	4021883	3.089	3.467
17) MA 4,4'-DDT	8.408	9.354	1650775	2964302	3.018	2.131 #
18) B Endrin al...	8.480	9.260	1515317	3013088	3.308	2.916m
19) B Endosulfa...	8.712	9.499	2010805	3248613	3.308	2.486
20) A Methoxychlor	9.004	9.843	1126231	2025188	3.117	2.793
21) B Endrin ke...	9.229	9.995	1836348	3410909	2.577	2.329
22) Mirex	9.413	10.460	1925102	4645673	3.117	4.259 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL113021\
 Data File : PL071218.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Nov 2021 18:53
 Operator : AR\AJ
 Sample : M4849-01MSD 20X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

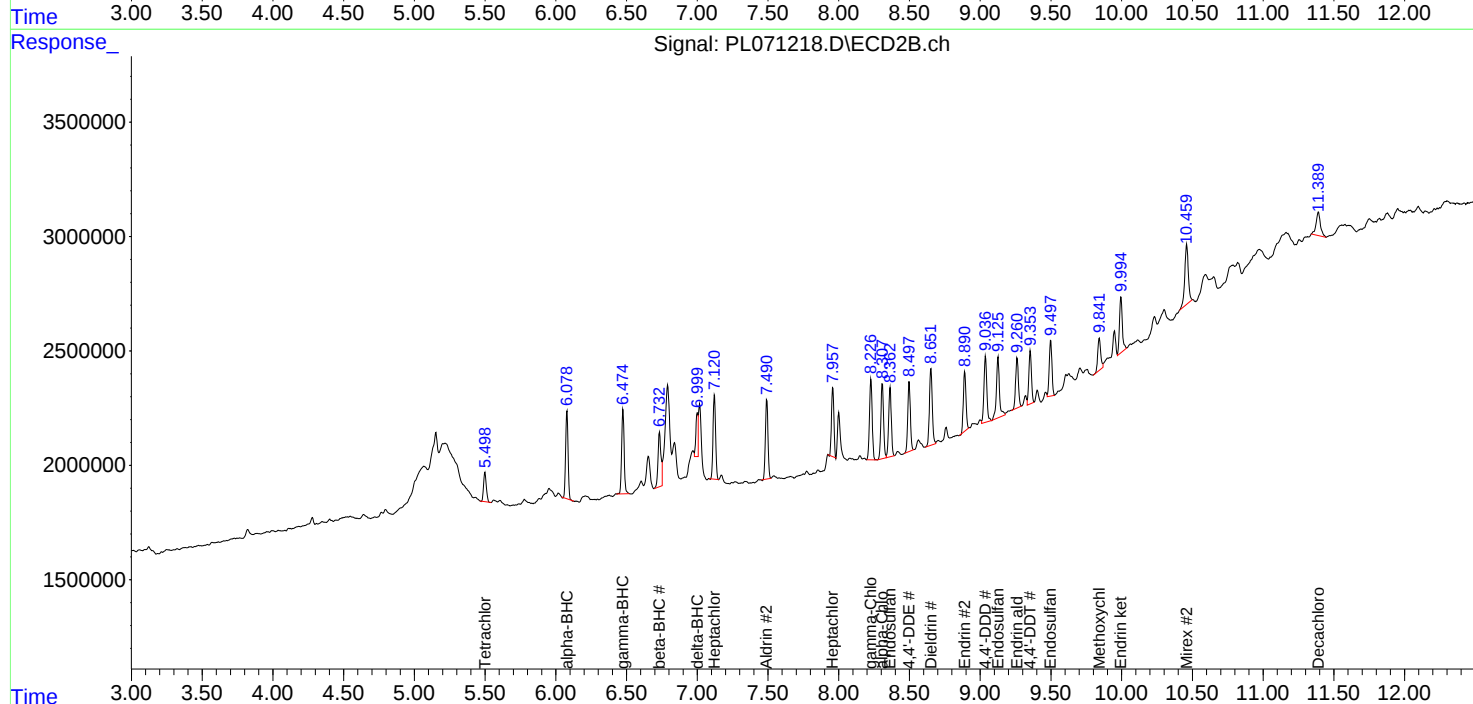
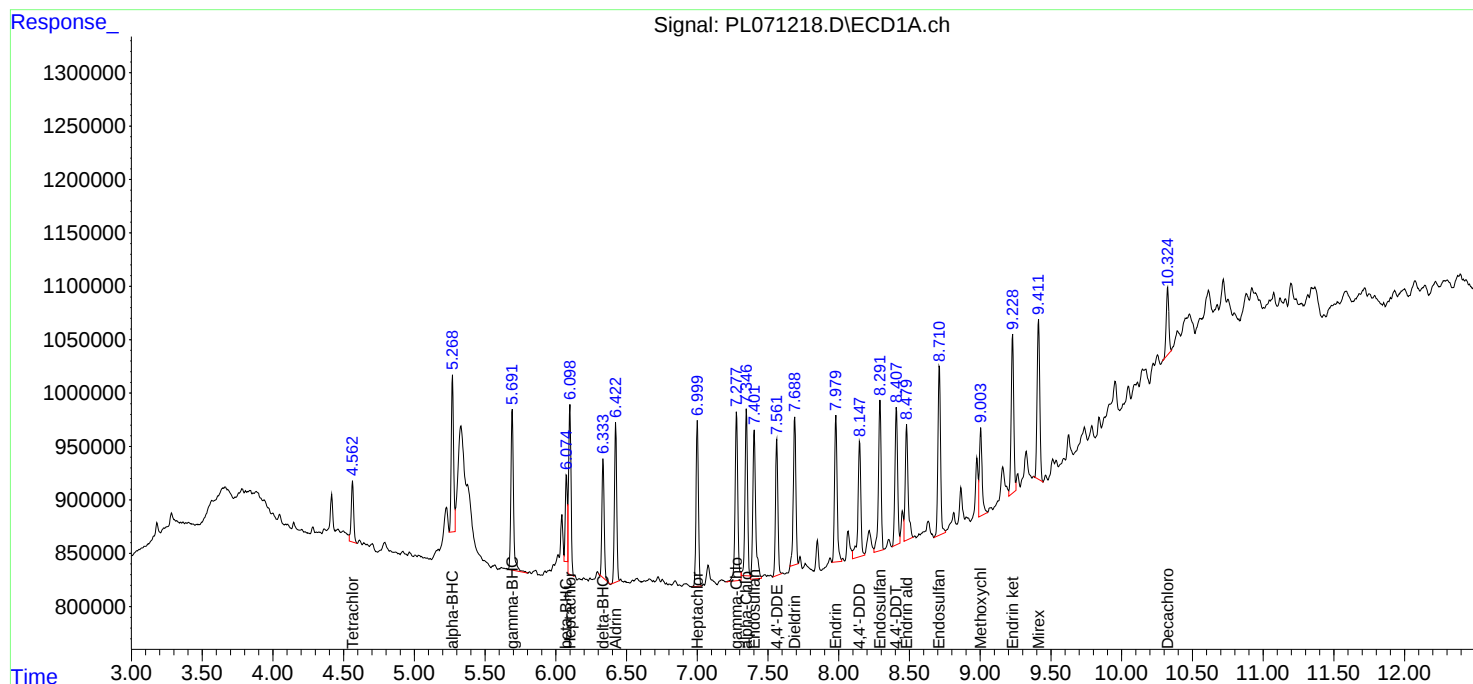
Instrument :
 ECD_L
 ClientSampleId :
 HD-1-112921MSD

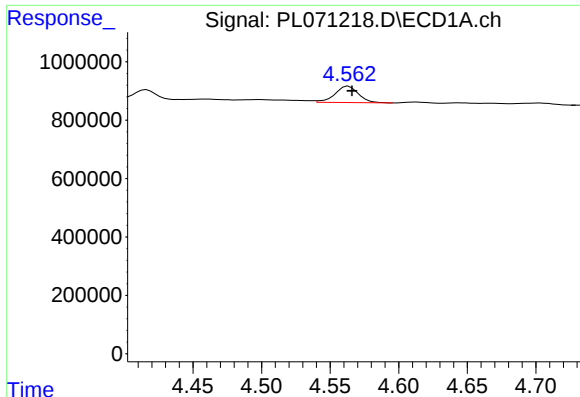
Manual Integrations APPROVED

Reviewed By : Abdul Mirza 12/01/2021
 Supervised By : Ankita Jodhani 12/01/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 30 21:39:30 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL113021.M
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Volume Inj. : 1 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





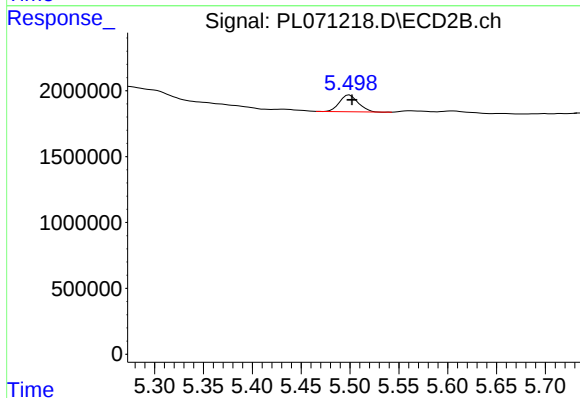
#1 Tetrachloro-m-xylene

R.T.: 4.563 min
Delta R.T.: -0.003 min
Response: 671593
Conc: 1.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-1-112921MSD

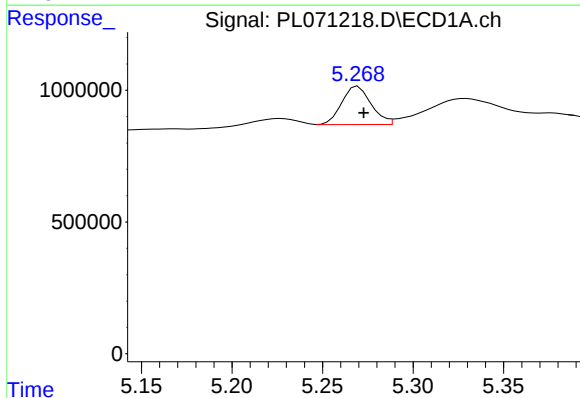
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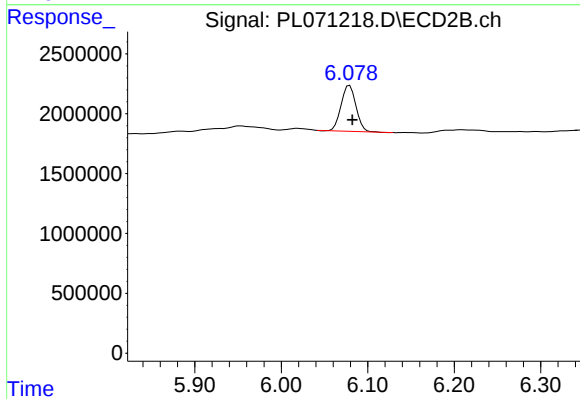
#1 Tetrachloro-m-xylene

R.T.: 5.500 min
Delta R.T.: -0.003 min
Response: 1693642
Conc: 1.35 ng/ml



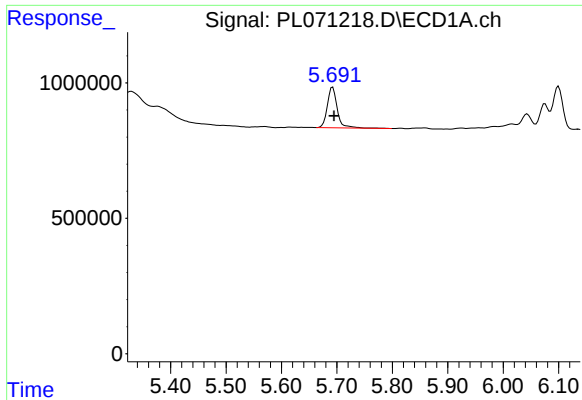
#2 alpha-BHC

R.T.: 5.268 min
Delta R.T.: -0.004 min
Response: 1622593
Conc: 2.48 ng/ml m



#2 alpha-BHC

R.T.: 6.079 min
Delta R.T.: -0.003 min
Response: 4497804
Conc: 2.43 ng/ml



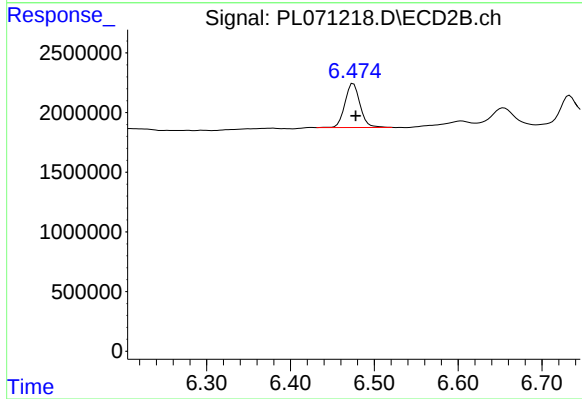
#3 gamma-BHC (Lindane)

R.T.: 5.692 min
Delta R.T.: -0.003 min
Response: 1886616
Conc: 2.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-1-112921MSD

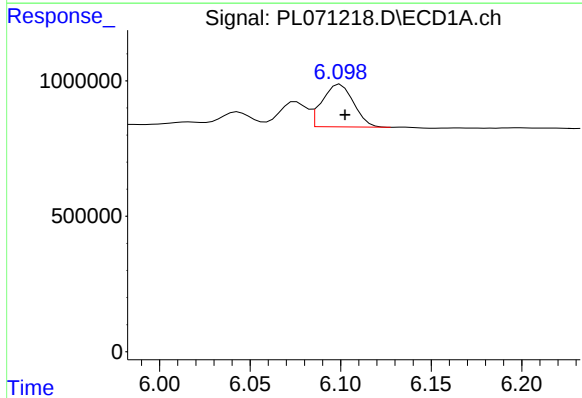
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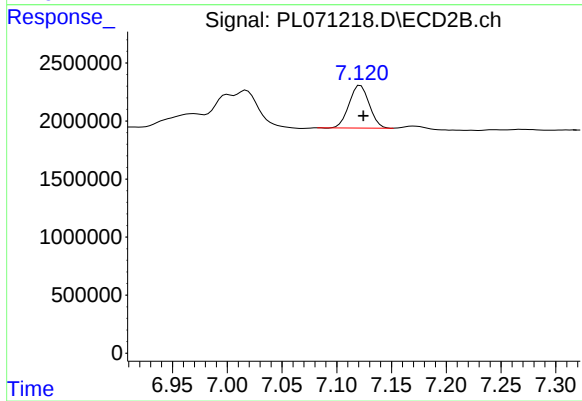
#3 gamma-BHC (Lindane)

R.T.: 6.475 min
Delta R.T.: -0.003 min
Response: 4628775
Conc: 2.63 ng/ml



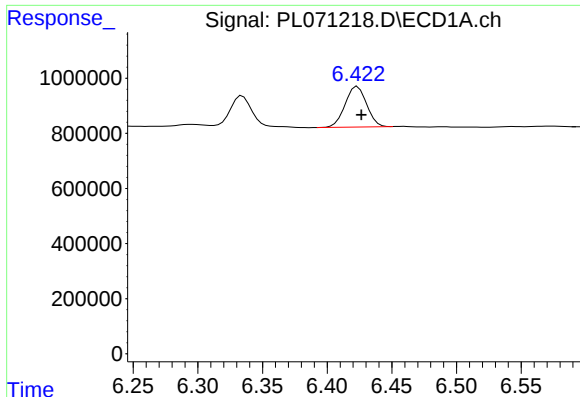
#4 Heptachlor

R.T.: 6.098 min
Delta R.T.: -0.004 min
Response: 1843304
Conc: 2.66 ng/ml m



#4 Heptachlor

R.T.: 7.122 min
Delta R.T.: -0.003 min
Response: 4700514
Conc: 2.56 ng/ml



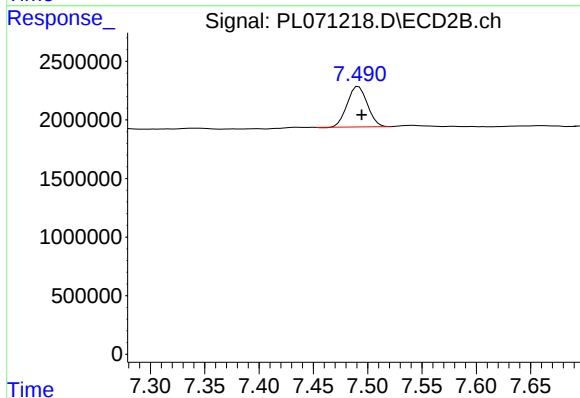
#5 Aldrin

R.T.: 6.423 min
Delta R.T.: -0.003 min
Response: 1705409
Conc: 2.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
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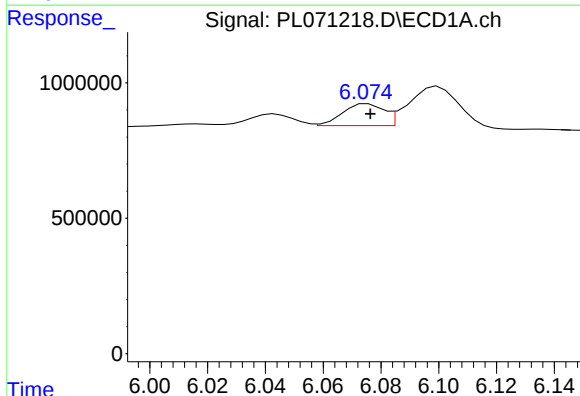
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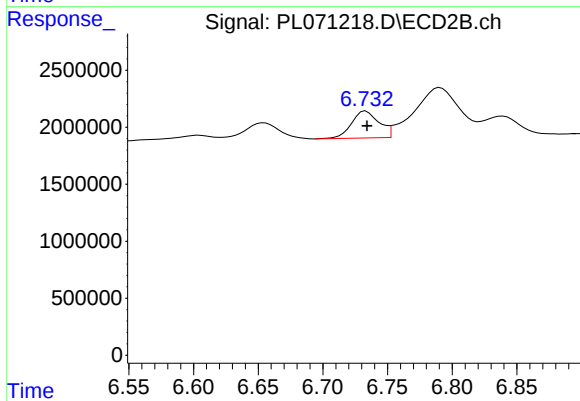
#5 Aldrin

R.T.: 7.492 min
Delta R.T.: -0.003 min
Response: 4463908
Conc: 2.65 ng/ml



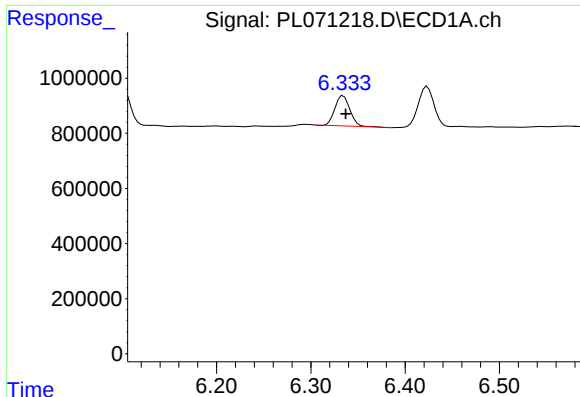
#6 beta-BHC

R.T.: 6.074 min
Delta R.T.: -0.003 min
Response: 783861
Conc: 2.59 ng/ml m



#6 beta-BHC

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 3473204
Conc: 3.95 ng/ml



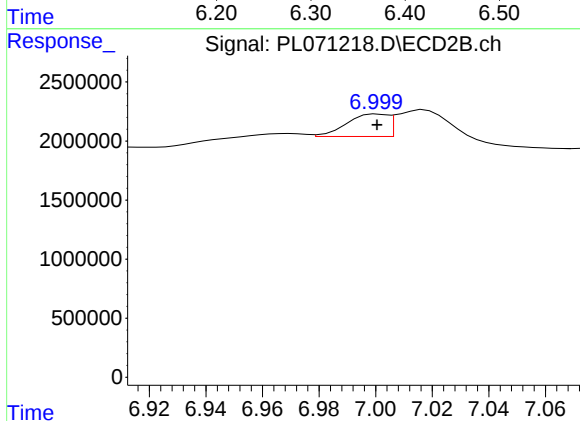
#7 delta-BHC

R.T.: 6.334 min
Delta R.T.: -0.003 min
Response: 1213943
Conc: 1.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-1-112921MSD

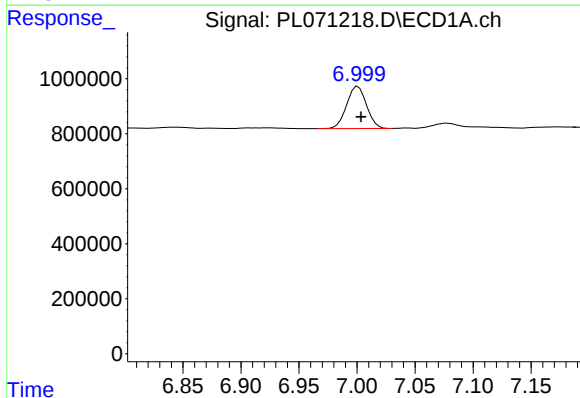
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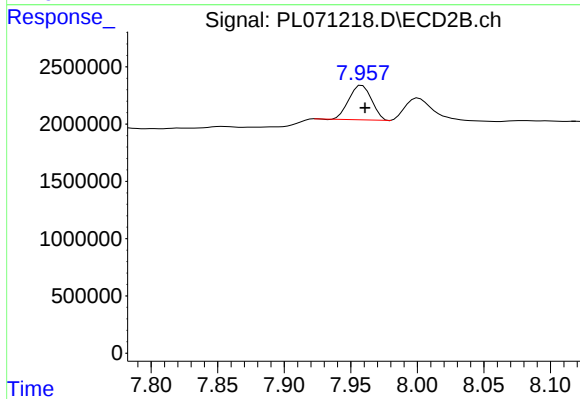
#7 delta-BHC

R.T.: 6.999 min
Delta R.T.: -0.001 min
Response: 2263457
Conc: 1.33 ng/ml m



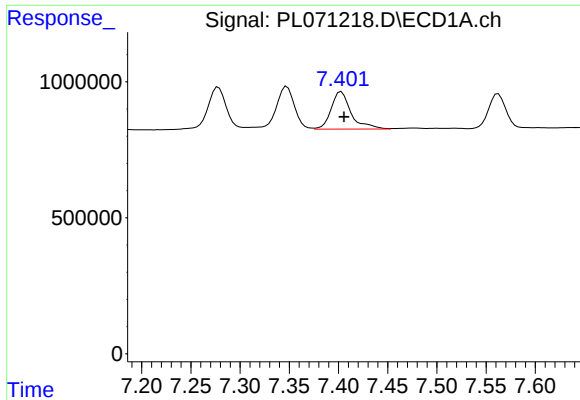
#8 Heptachlor epoxide

R.T.: 7.001 min
Delta R.T.: -0.002 min
Response: 1827837
Conc: 2.93 ng/ml



#8 Heptachlor epoxide

R.T.: 7.958 min
Delta R.T.: -0.002 min
Response: 3580068
Conc: 2.25 ng/ml



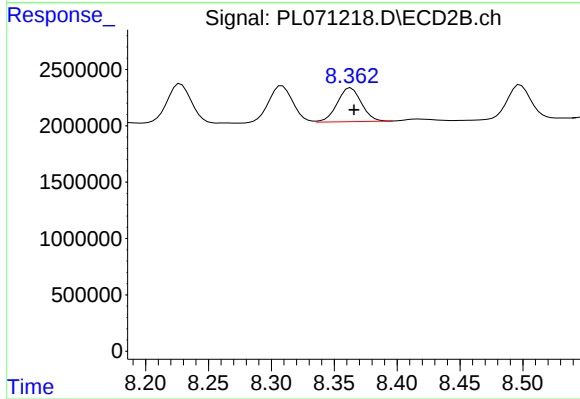
#9 Endosulfan I

R.T.: 7.403 min
Delta R.T.: -0.003 min
Response: 1953027
Conc: 3.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-1-112921MSD

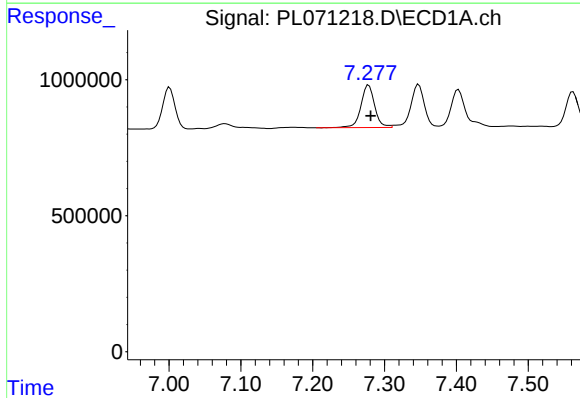
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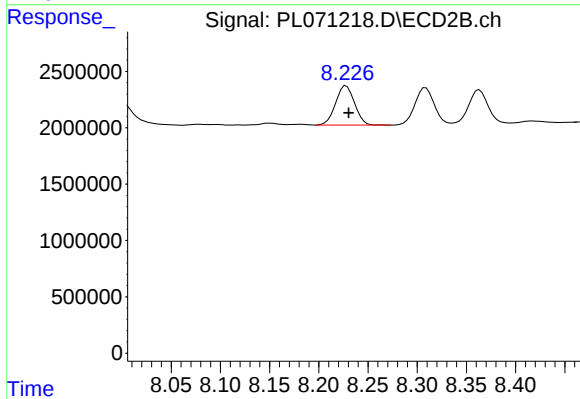
#9 Endosulfan I

R.T.: 8.363 min
Delta R.T.: -0.002 min
Response: 3992271
Conc: 2.64 ng/ml



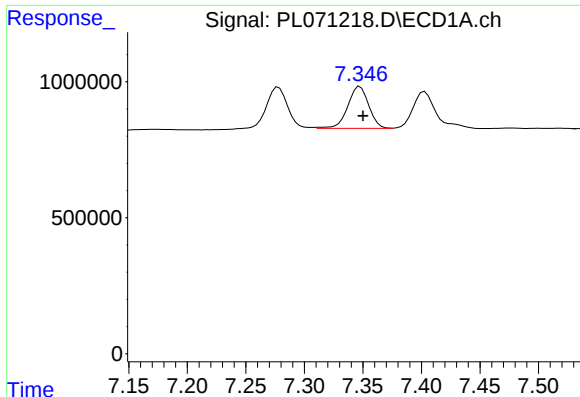
#10 gamma-Chlordane

R.T.: 7.278 min
Delta R.T.: -0.003 min
Response: 2081451
Conc: 3.28 ng/ml



#10 gamma-Chlordane

R.T.: 8.228 min
Delta R.T.: -0.003 min
Response: 4675138
Conc: 2.92 ng/ml



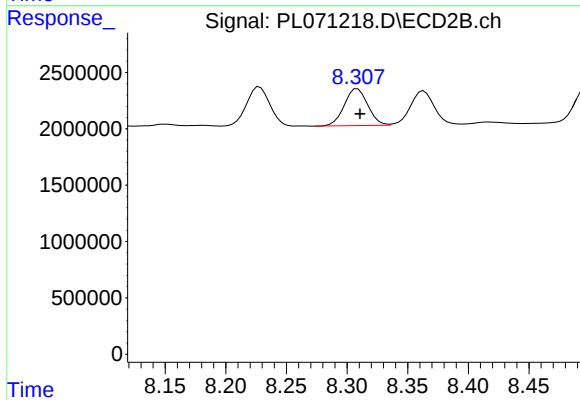
#11 alpha-Chlordane

R.T.: 7.346 min
Delta R.T.: -0.004 min
Response: 1913450
Conc: 2.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-1-112921MSD

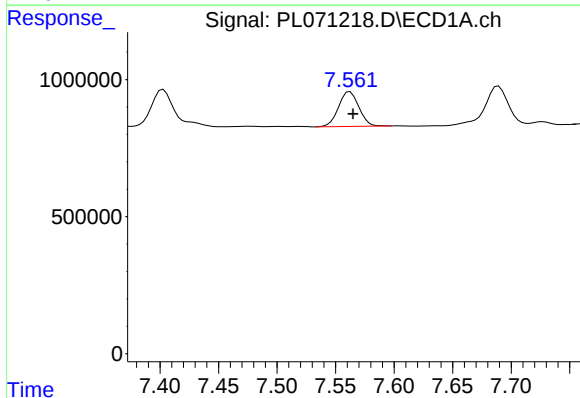
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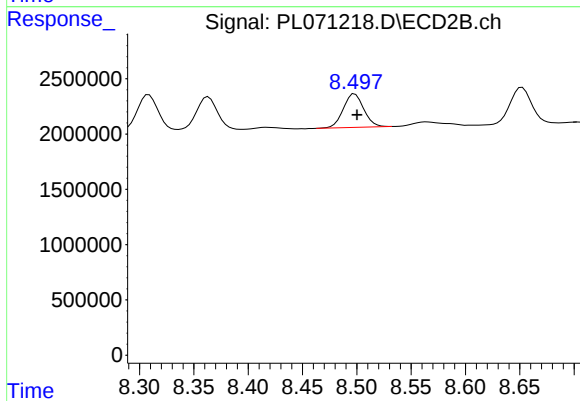
#11 alpha-Chlordane

R.T.: 8.309 min
Delta R.T.: -0.002 min
Response: 4404853
Conc: 2.77 ng/ml



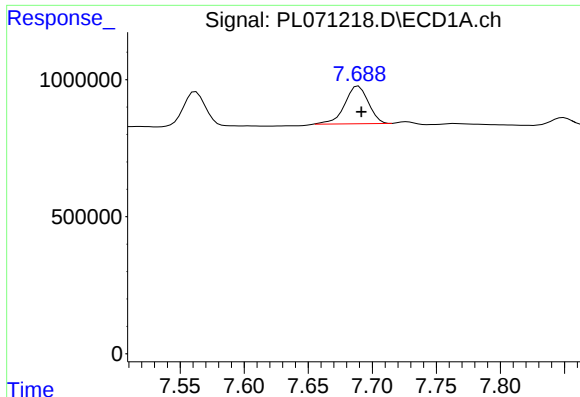
#12 4,4'-DDE

R.T.: 7.562 min
Delta R.T.: -0.003 min
Response: 1535464
Conc: 2.71 ng/ml



#12 4,4'-DDE

R.T.: 8.498 min
Delta R.T.: -0.002 min
Response: 3966363
Conc: 2.58 ng/ml



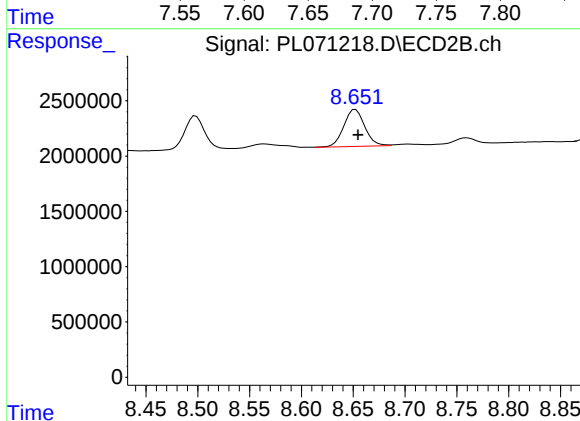
#13 Dieldrin

R.T.: 7.689 min
Delta R.T.: -0.002 min
Response: 1757863
Conc: 2.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-1-112921MSD

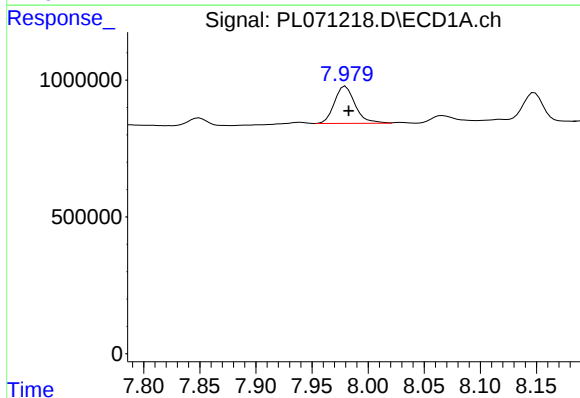
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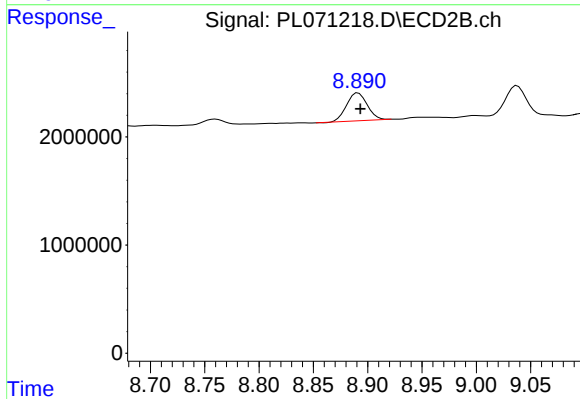
#13 Dieldrin

R.T.: 8.652 min
Delta R.T.: -0.002 min
Response: 4696541
Conc: 3.02 ng/ml



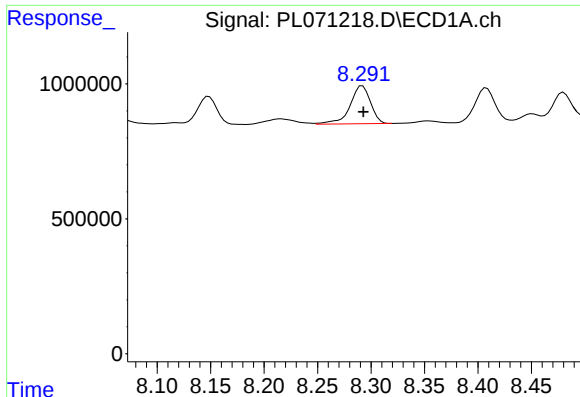
#14 Endrin

R.T.: 7.980 min
Delta R.T.: -0.003 min
Response: 1748981
Conc: 3.09 ng/ml



#14 Endrin

R.T.: 8.891 min
Delta R.T.: -0.002 min
Response: 3413053
Conc: 2.54 ng/ml



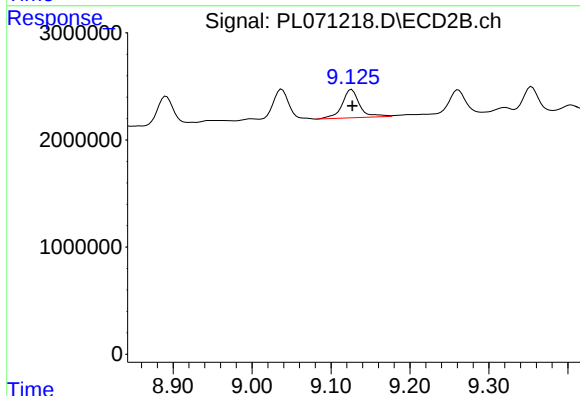
#15 Endosulfan II

R.T.: 8.292 min
Delta R.T.: 0.000 min
Response: 1876339
Conc: 3.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
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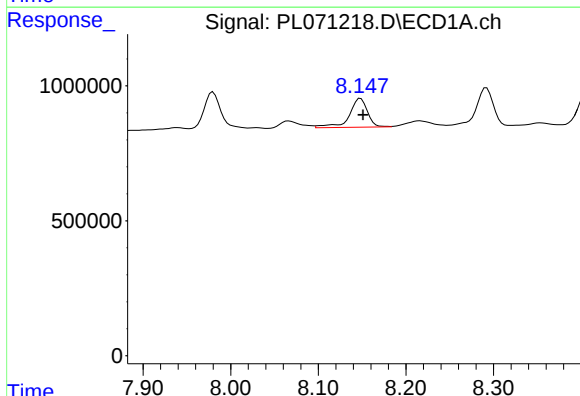
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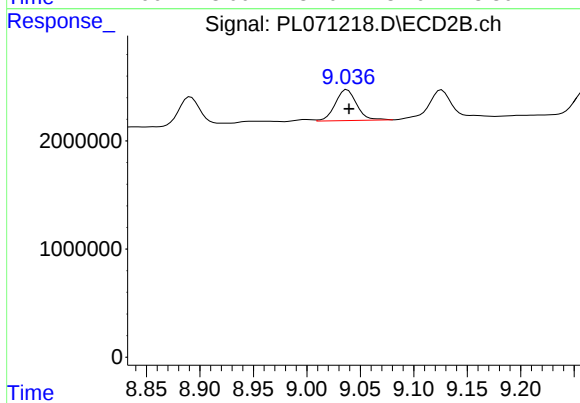
#15 Endosulfan II

R.T.: 9.126 min
Delta R.T.: 0.000 min
Response: 4058345
Conc: 3.01 ng/ml



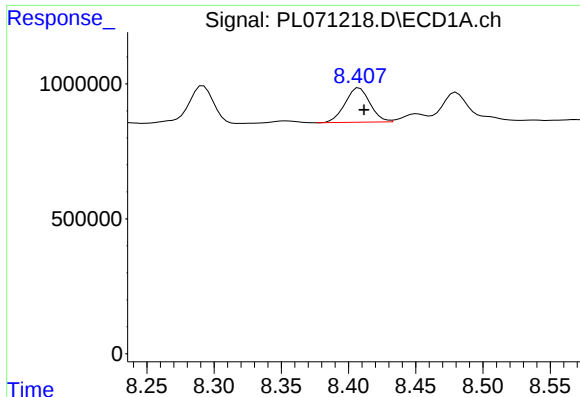
#16 4,4'-DDD

R.T.: 8.148 min
Delta R.T.: -0.003 min
Response: 1547954
Conc: 3.09 ng/ml



#16 4,4'-DDD

R.T.: 9.038 min
Delta R.T.: -0.002 min
Response: 4021883
Conc: 3.47 ng/ml



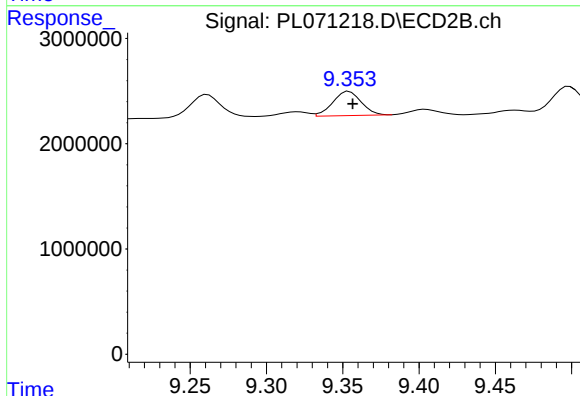
#17 4,4'-DDT

R.T.: 8.408 min
Delta R.T.: -0.003 min
Response: 1650775
Conc: 3.02 ng/ml

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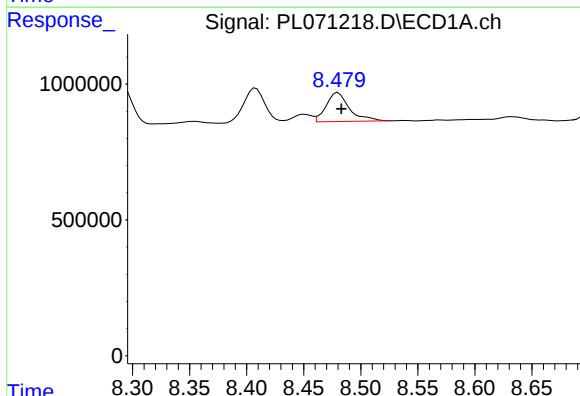
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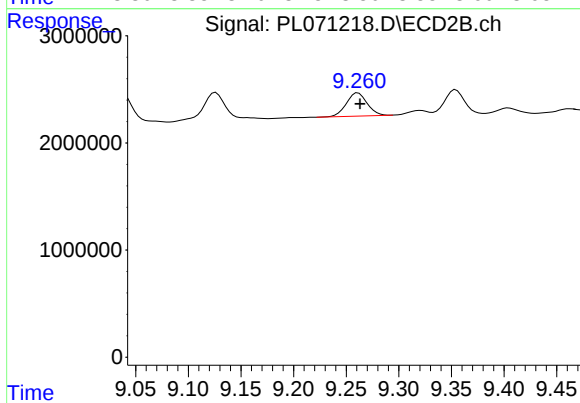
#17 4,4'-DDT

R.T.: 9.354 min
Delta R.T.: -0.002 min
Response: 2964302
Conc: 2.13 ng/ml



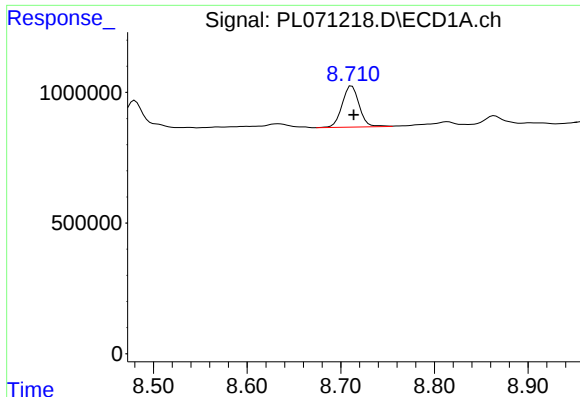
#18 Endrin aldehyde

R.T.: 8.480 min
Delta R.T.: -0.003 min
Response: 1515317
Conc: 3.31 ng/ml



#18 Endrin aldehyde

R.T.: 9.260 min
Delta R.T.: -0.003 min
Response: 3013088
Conc: 2.92 ng/ml m



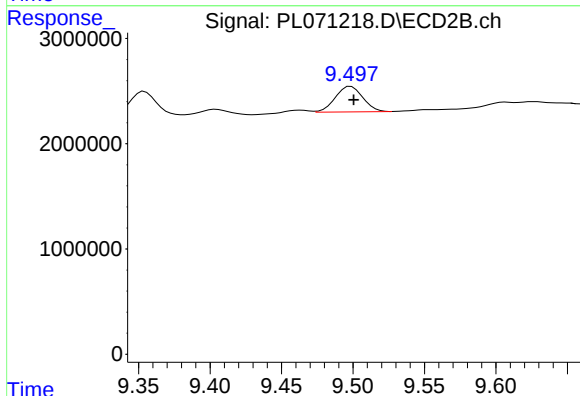
#19 Endosulfan Sulfate

R.T.: 8.712 min
Delta R.T.: -0.002 min
Response: 2010805
Conc: 3.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-1-112921MSD

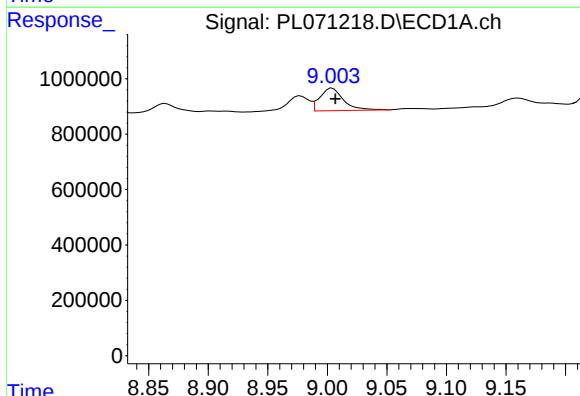
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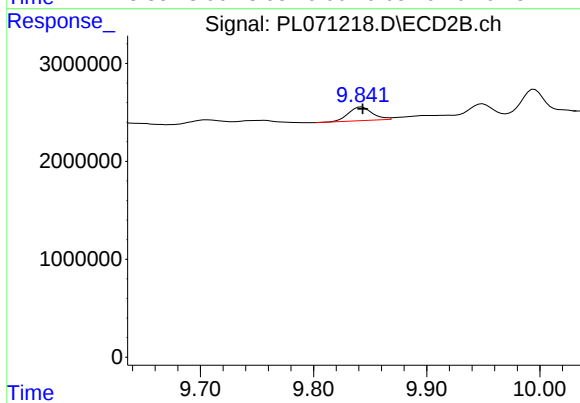
#19 Endosulfan Sulfate

R.T.: 9.499 min
Delta R.T.: -0.002 min
Response: 3248613
Conc: 2.49 ng/ml



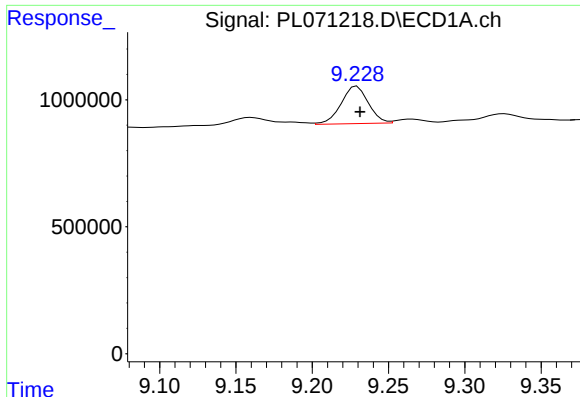
#20 Methoxychlor

R.T.: 9.004 min
Delta R.T.: -0.002 min
Response: 1126231
Conc: 3.12 ng/ml



#20 Methoxychlor

R.T.: 9.843 min
Delta R.T.: 0.000 min
Response: 2025188
Conc: 2.79 ng/ml



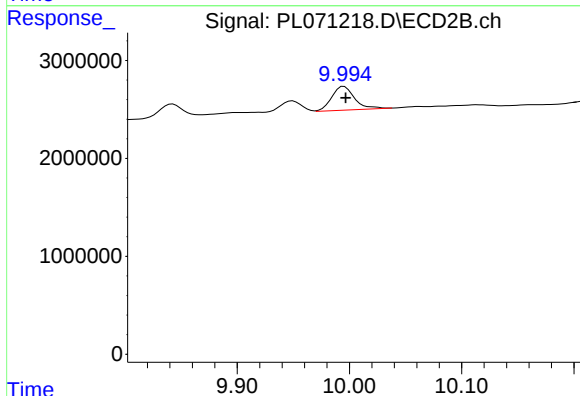
#21 Endrin ketone

R.T.: 9.229 min
Delta R.T.: -0.002 min
Response: 1836348
Conc: 2.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-1-112921MSD

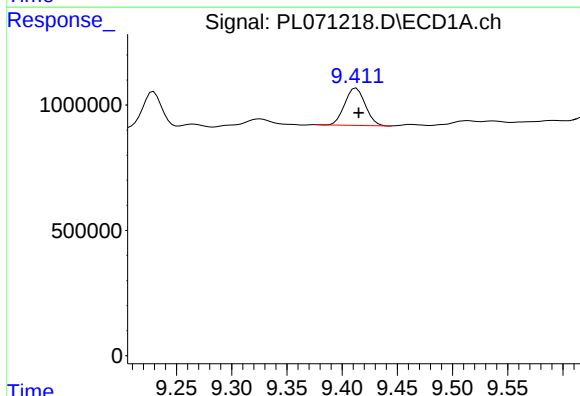
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/01/2021
Supervised By :Ankita Jodhani 12/01/2021



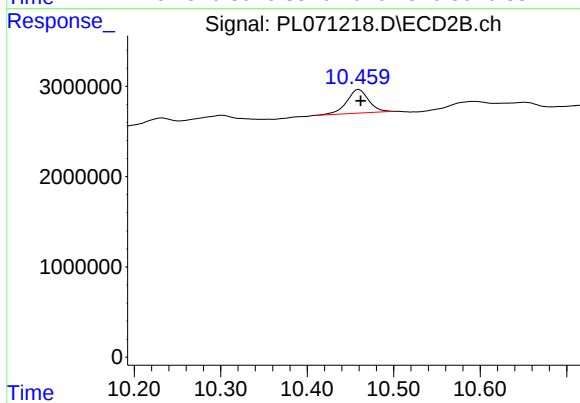
#21 Endrin ketone

R.T.: 9.995 min
Delta R.T.: -0.002 min
Response: 3410909
Conc: 2.33 ng/ml



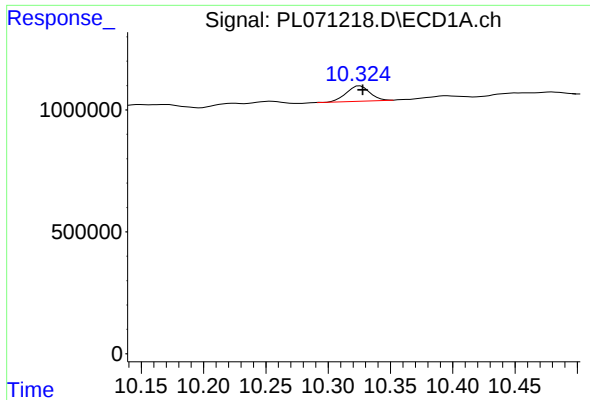
#22 Mirex

R.T.: 9.413 min
Delta R.T.: -0.002 min
Response: 1925102
Conc: 3.12 ng/ml



#22 Mirex

R.T.: 10.460 min
Delta R.T.: -0.002 min
Response: 4645673
Conc: 4.26 ng/ml



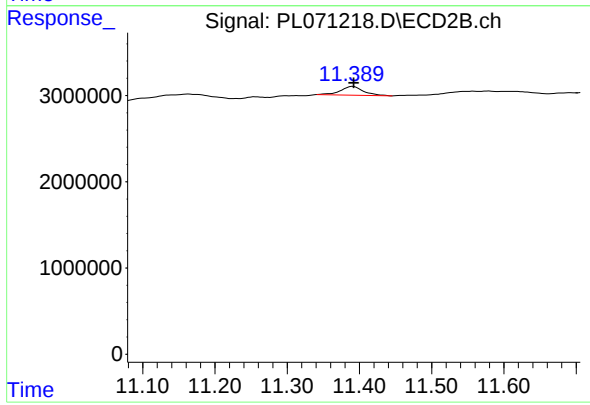
#28 Decachlorobiphenyl

R.T.: 10.326 min
Delta R.T.: -0.002 min
Response: 822905
Conc: 1.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-1-112921MSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 11.391 min
Delta R.T.: -0.001 min
Response: 2236889
Conc: 1.61 ng/ml