

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112421\
 Data File : PL071164.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Nov 2021 17:57
 Operator : AR\AJ
 Sample : M4819-01MS 20X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OR-02-112321MS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/26/2021
 Supervised By :mohammad ahmed 11/26/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 25 05:08:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110321.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 04 19:28:07 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...	4.564	5.499	637145	1529620	1.301	1.213
28) SA Decachlor...	10.325	11.387	992439	1635396	1.452	1.223
Target Compounds						
2) A alpha-BHC	5.268	6.079	1515948	4973564	2.265m	2.702
3) MA gamma-BHC...	5.692	6.474	1889069	4800238	2.816	2.768
4) MA Heptachlor	6.098	7.121	1951629	5114266	2.720m	3.149
5) MB Aldrin	6.423	7.491	1838553	4712011	2.875	2.902
6) B beta-BHC	6.074	6.732	1121084	3407358	3.451m	3.977
7) B delta-BHC	6.334	6.996	1703010	3124909	2.573	1.869m#
8) B Heptachlo...	7.000	7.956	1990279	4008253	3.061	2.630m
9) A Endosulfan I	7.403	8.363	2018790	4263127	3.296	2.963
10) B gamma-Chl...	7.277	8.227	2370235	5272388	3.571	3.405
11) B alpha-Chl...	7.347	8.308	2283326	5306075	3.427	3.489
12) B 4,4'-DDE	7.562	8.497	1622235	4015865	2.784	2.722
13) MA Dieldrin	7.689	8.651	1937153	4492838	3.103	3.083
14) MA Endrin	7.980	8.890	1954277	3608951	3.447	3.116
15) B Endosulfa...	8.291	9.125	2012114	4278352	3.324	3.503
16) A 4,4'-DDD	8.147	9.036	1463336	3219686	2.880	2.675
17) MA 4,4'-DDT	8.408	9.353	1652403	3870656	3.005	3.068
18) B Endrin al...	8.480	9.260	1278072	2621306	2.813	2.711
19) B Endosulfa...	8.710	9.497	1955345	3594577	3.170	2.900
20) A Methoxychlor	9.004	9.840	1443997	2123831	3.947	3.138
21) B Endrin ke...	9.228	9.993	2159064	3945327	3.019	2.748
22) Mirex	9.411	10.458	2114527	3571425	3.443	3.429

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

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Acq On : 24 Nov 2021 17:57
Operator : AR\AJ
Sample : M4819-01MS 20X
Misc :
ALS Vial : 19 Sample Multiplier: 1

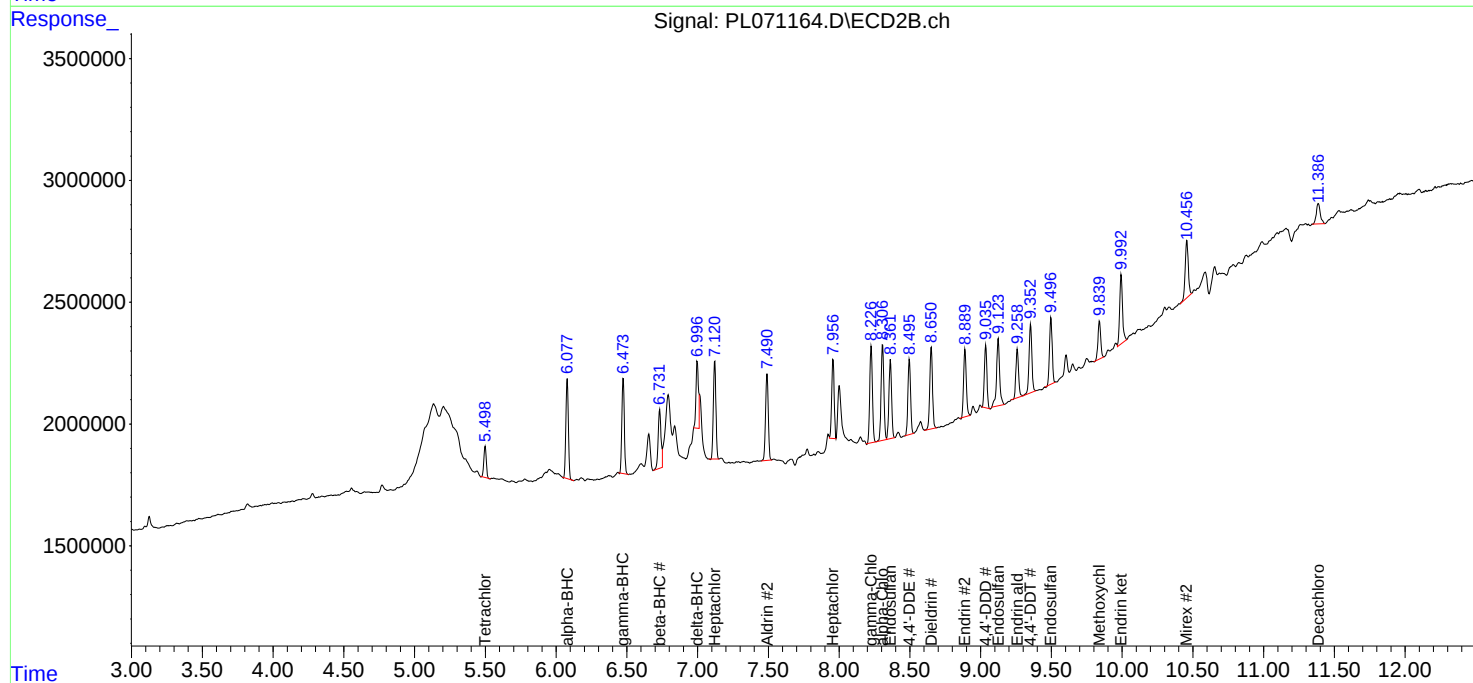
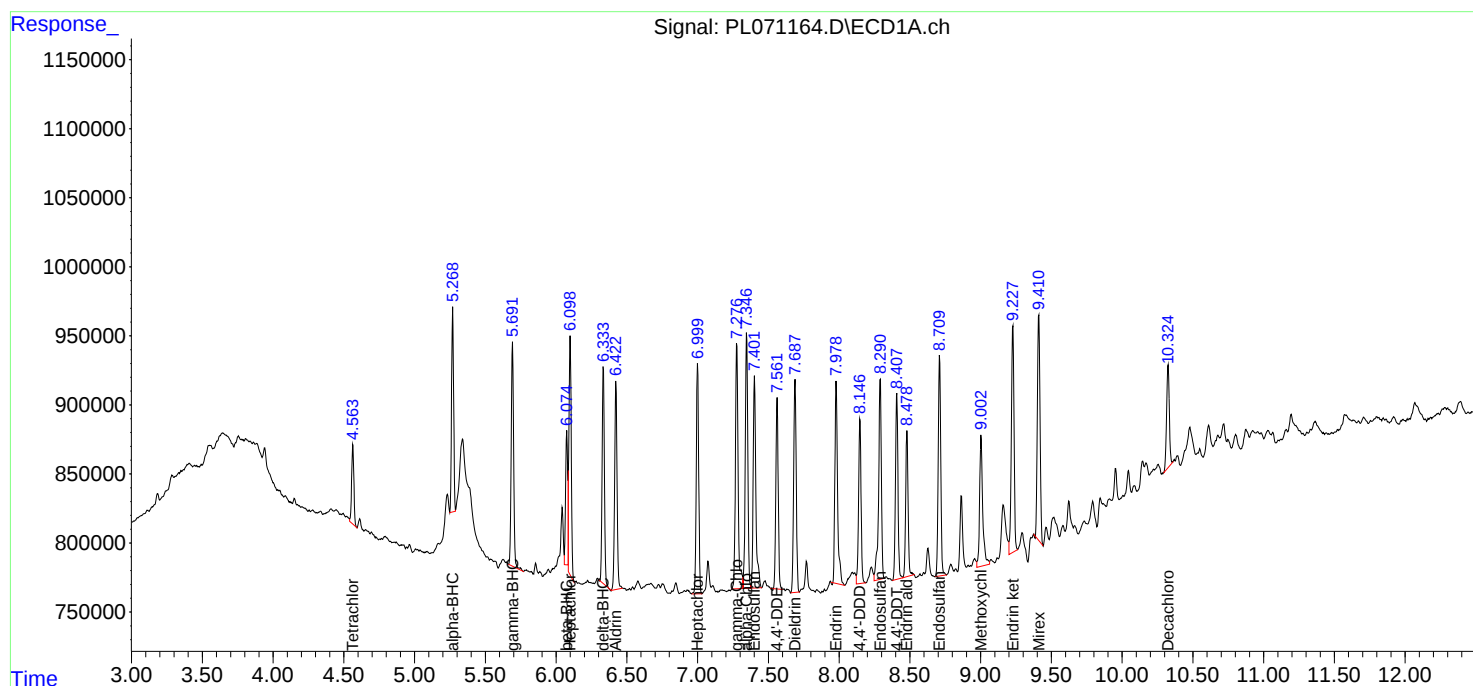
Instrument :
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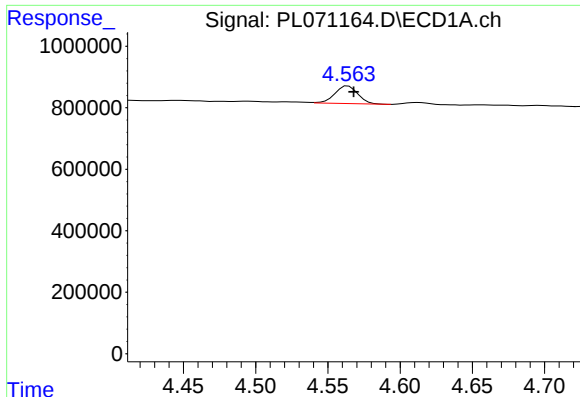
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Supervised By :mohammad ahmed 11/26/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 05:08:34 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110321.M
Quant Title : GC Extractables
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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





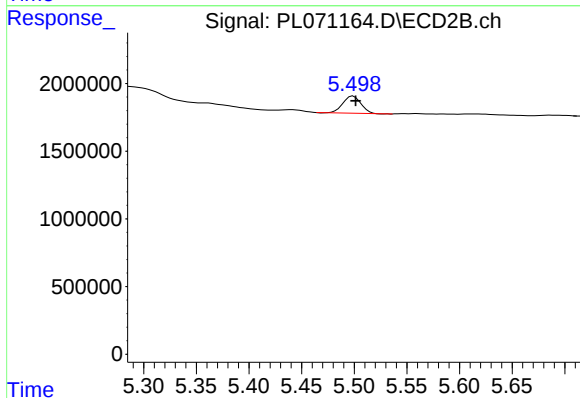
#1 Tetrachloro-m-xylene

R.T.: 4.564 min
Delta R.T.: -0.004 min
Response: 637145
Conc: 1.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
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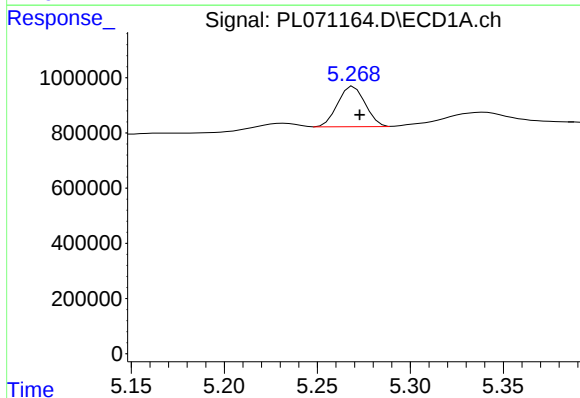
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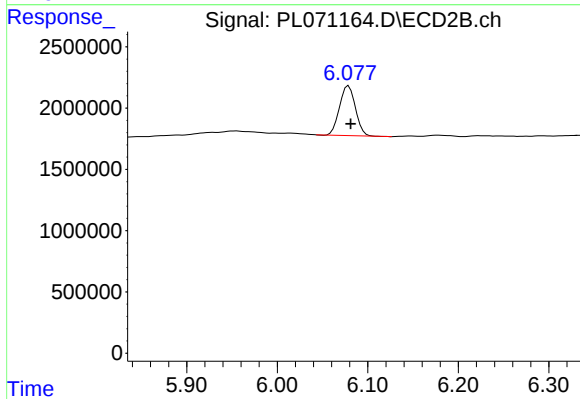
#1 Tetrachloro-m-xylene

R.T.: 5.499 min
Delta R.T.: -0.002 min
Response: 1529620
Conc: 1.21 ng/ml



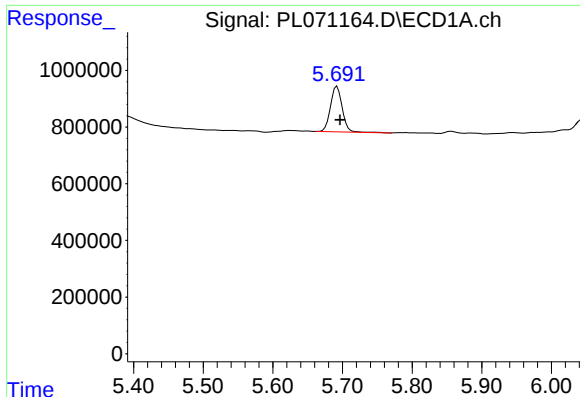
#2 alpha-BHC

R.T.: 5.268 min
Delta R.T.: -0.005 min
Response: 1515948
Conc: 2.26 ng/ml m



#2 alpha-BHC

R.T.: 6.079 min
Delta R.T.: -0.002 min
Response: 4973564
Conc: 2.70 ng/ml



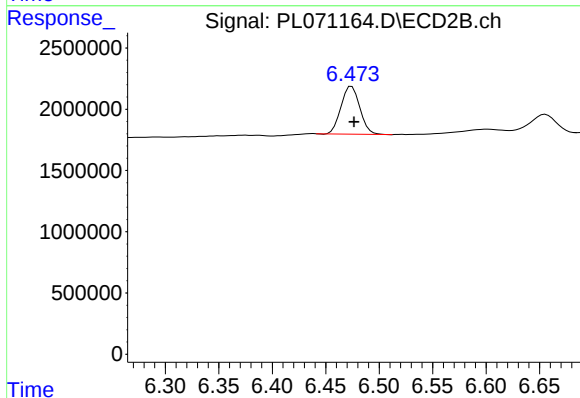
#3 gamma-BHC (Lindane)

R.T.: 5.692 min
Delta R.T.: -0.005 min
Response: 1889069
Conc: 2.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-112321MS

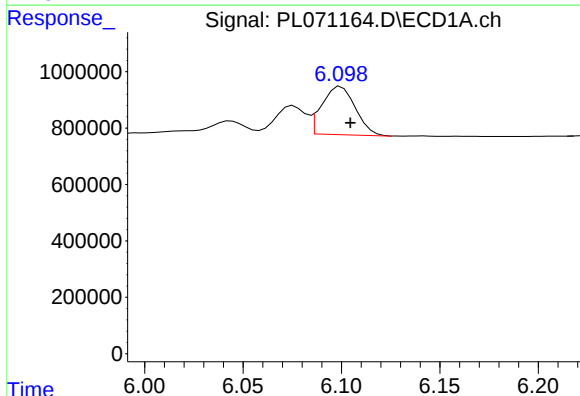
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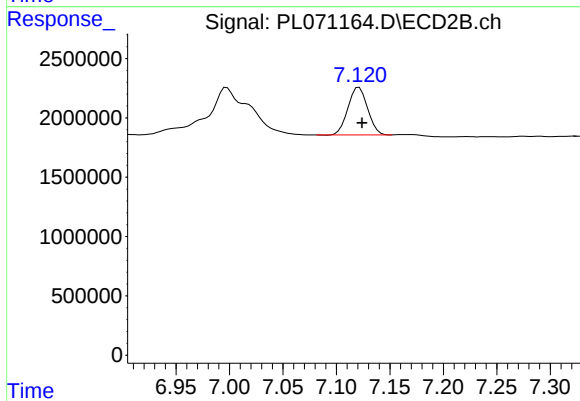
#3 gamma-BHC (Lindane)

R.T.: 6.474 min
Delta R.T.: -0.002 min
Response: 4800238
Conc: 2.77 ng/ml



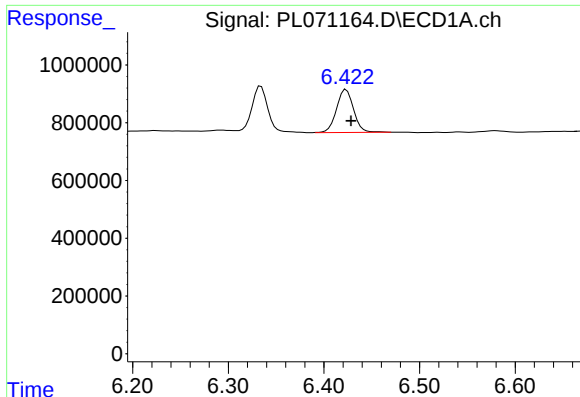
#4 Heptachlor

R.T.: 6.098 min
Delta R.T.: -0.006 min
Response: 1951629
Conc: 2.72 ng/ml m



#4 Heptachlor

R.T.: 7.121 min
Delta R.T.: -0.003 min
Response: 5114266
Conc: 3.15 ng/ml



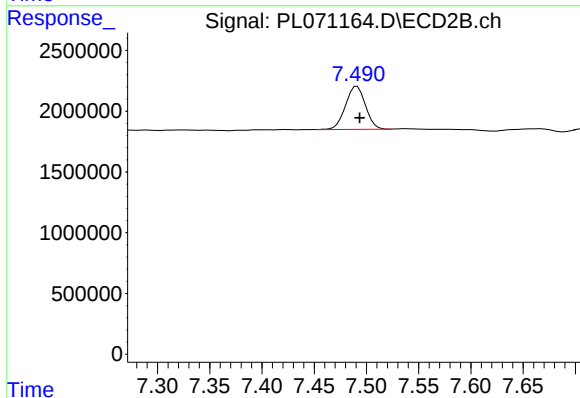
#5 Aldrin

R.T.: 6.423 min
Delta R.T.: -0.005 min
Response: 1838553
Conc: 2.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
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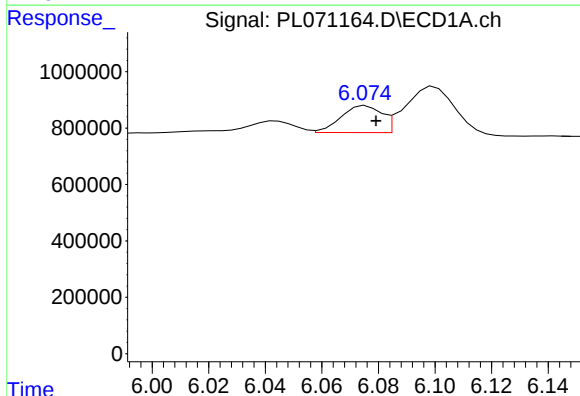
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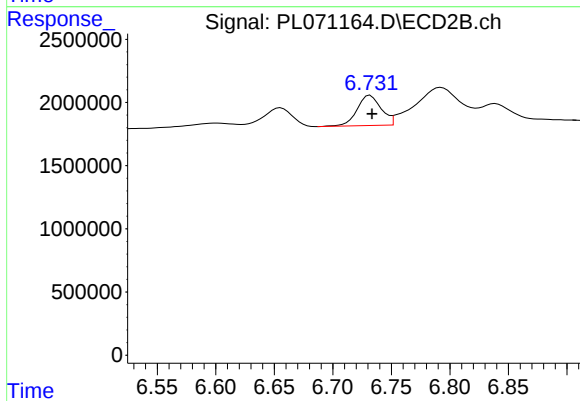
#5 Aldrin

R.T.: 7.491 min
Delta R.T.: -0.003 min
Response: 4712011
Conc: 2.90 ng/ml



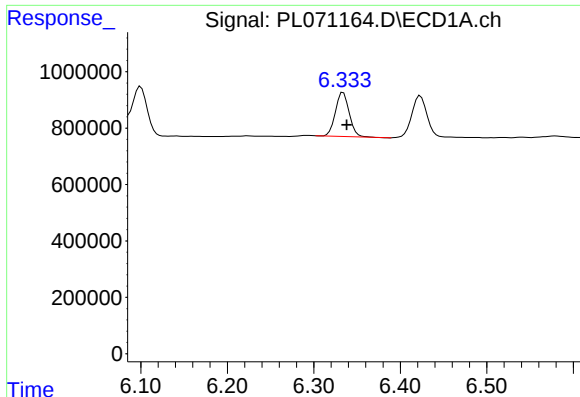
#6 beta-BHC

R.T.: 6.074 min
Delta R.T.: -0.005 min
Response: 1121084
Conc: 3.45 ng/ml m



#6 beta-BHC

R.T.: 6.732 min
Delta R.T.: -0.001 min
Response: 3407358
Conc: 3.98 ng/ml



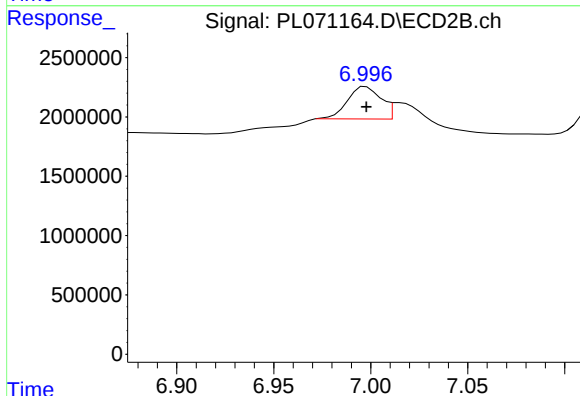
#7 delta-BHC

R.T.: 6.334 min
Delta R.T.: -0.004 min
Response: 1703010
Conc: 2.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-112321MS

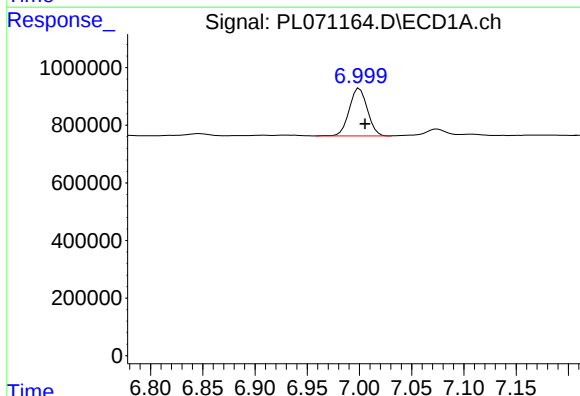
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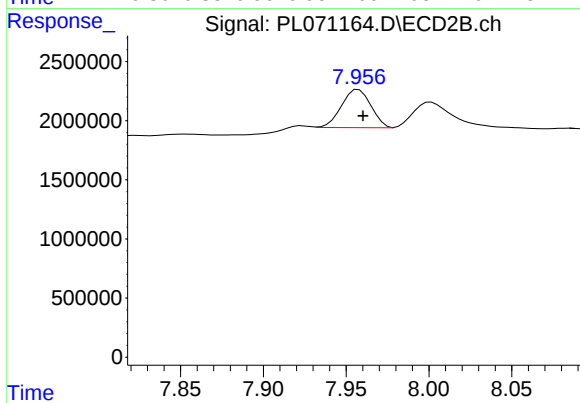
#7 delta-BHC

R.T.: 6.996 min
Delta R.T.: -0.002 min
Response: 3124909
Conc: 1.87 ng/ml m



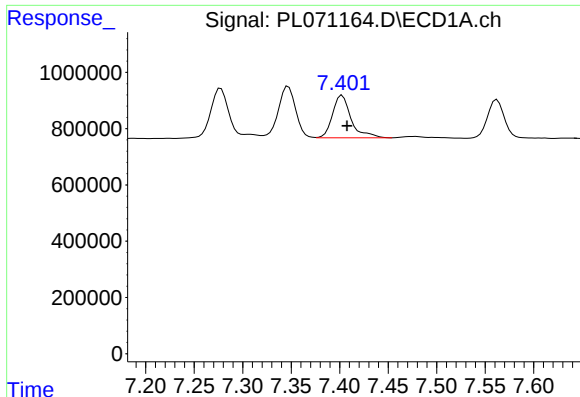
#8 Heptachlor epoxide

R.T.: 7.000 min
Delta R.T.: -0.005 min
Response: 1990279
Conc: 3.06 ng/ml



#8 Heptachlor epoxide

R.T.: 7.956 min
Delta R.T.: -0.004 min
Response: 4008253
Conc: 2.63 ng/ml m



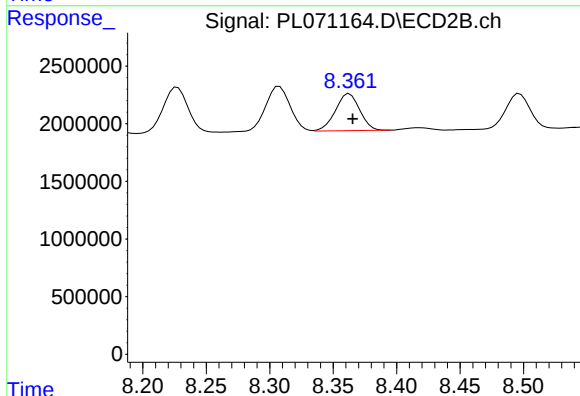
#9 Endosulfan I

R.T.: 7.403 min
Delta R.T.: -0.005 min
Response: 2018790
Conc: 3.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
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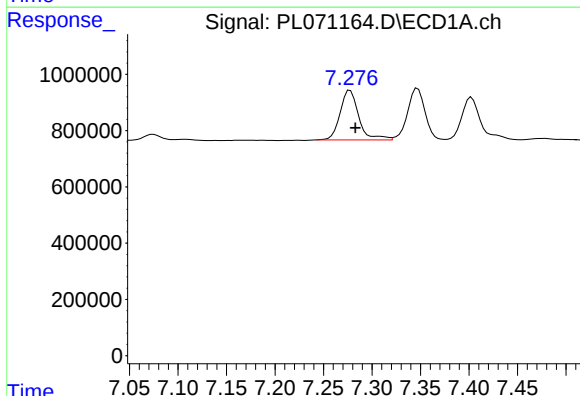
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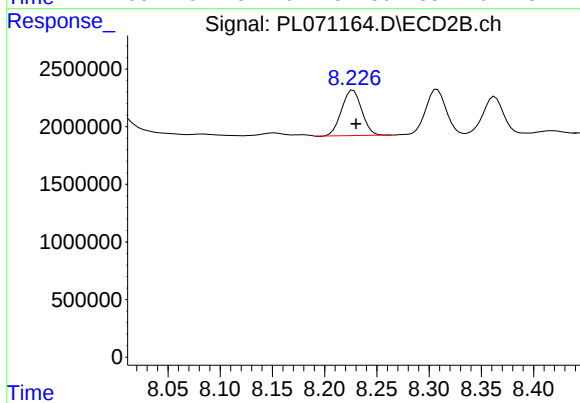
#9 Endosulfan I

R.T.: 8.363 min
Delta R.T.: -0.002 min
Response: 4263127
Conc: 2.96 ng/ml



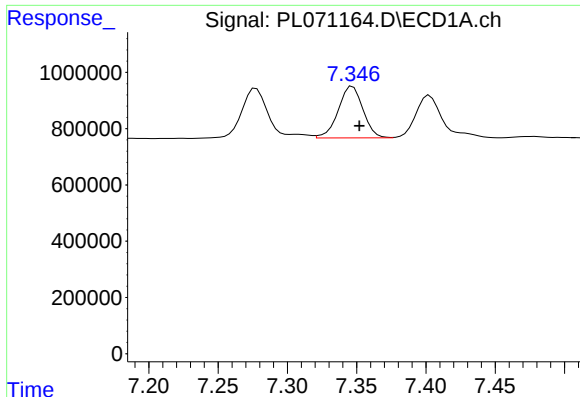
#10 gamma-Chlordane

R.T.: 7.277 min
Delta R.T.: -0.005 min
Response: 2370235
Conc: 3.57 ng/ml



#10 gamma-Chlordane

R.T.: 8.227 min
Delta R.T.: -0.003 min
Response: 5272388
Conc: 3.41 ng/ml



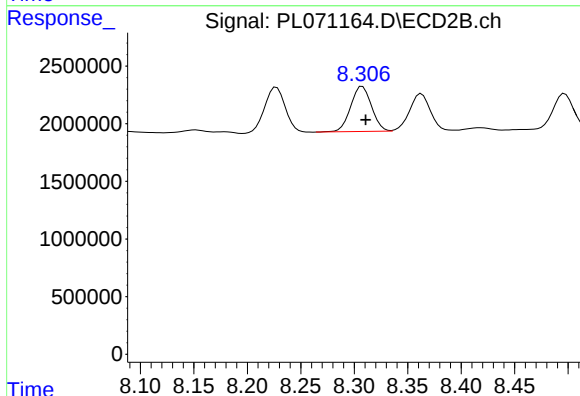
#11 alpha-Chlordane

R.T.: 7.347 min
Delta R.T.: -0.005 min
Response: 2283326
Conc: 3.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
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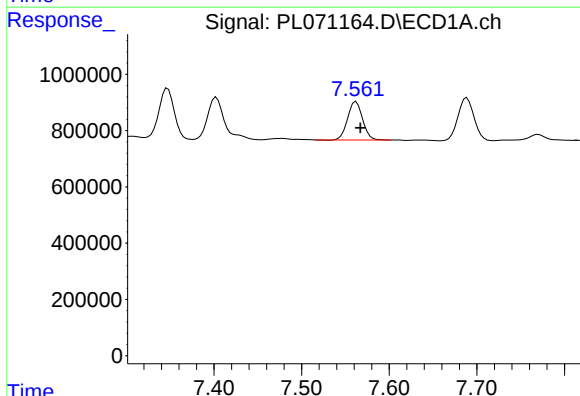
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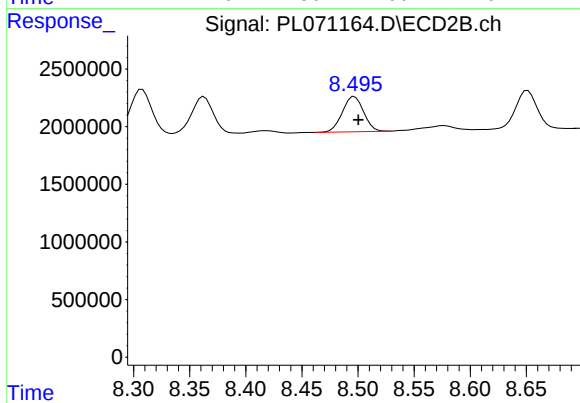
#11 alpha-Chlordane

R.T.: 8.308 min
Delta R.T.: -0.003 min
Response: 5306075
Conc: 3.49 ng/ml



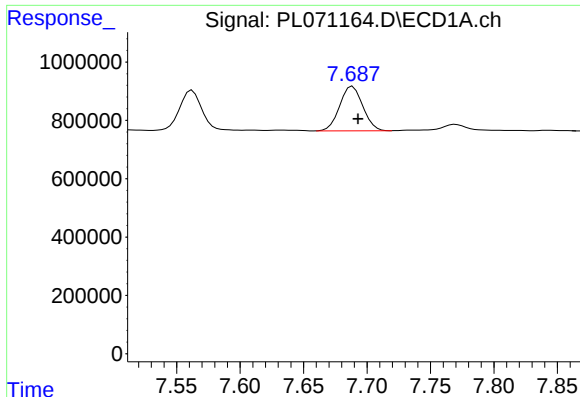
#12 4,4'-DDE

R.T.: 7.562 min
Delta R.T.: -0.005 min
Response: 1622235
Conc: 2.78 ng/ml



#12 4,4'-DDE

R.T.: 8.497 min
Delta R.T.: -0.003 min
Response: 4015865
Conc: 2.72 ng/ml



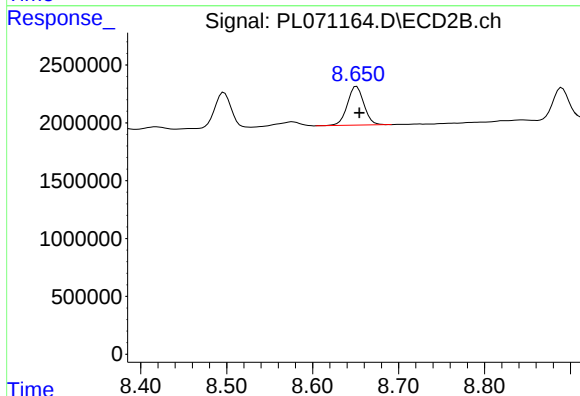
#13 Dieldrin

R.T.: 7.689 min
Delta R.T.: -0.004 min
Response: 1937153
Conc: 3.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
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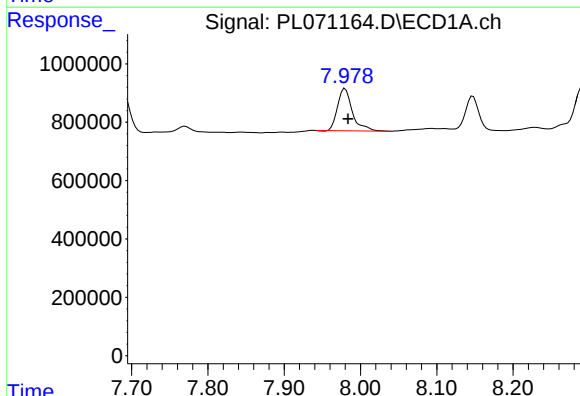
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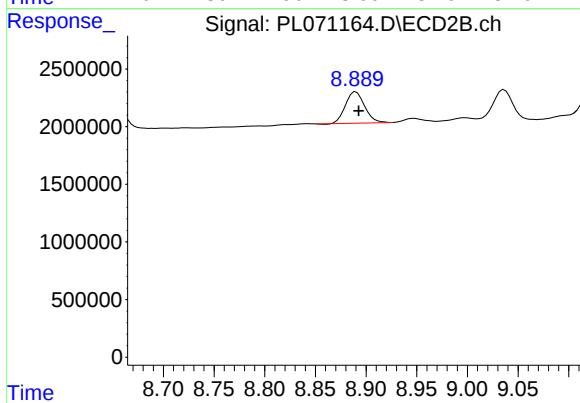
#13 Dieldrin

R.T.: 8.651 min
Delta R.T.: -0.003 min
Response: 4492838
Conc: 3.08 ng/ml



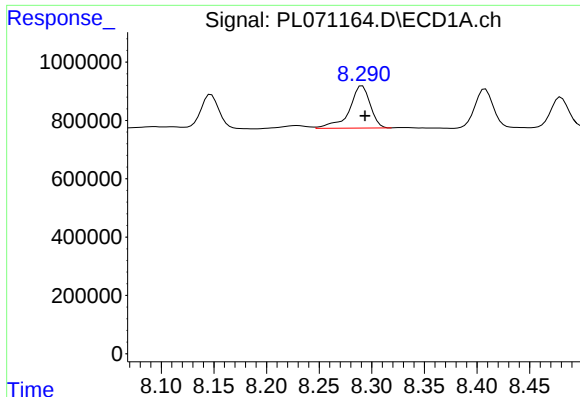
#14 Endrin

R.T.: 7.980 min
Delta R.T.: -0.004 min
Response: 1954277
Conc: 3.45 ng/ml



#14 Endrin

R.T.: 8.890 min
Delta R.T.: -0.003 min
Response: 3608951
Conc: 3.12 ng/ml



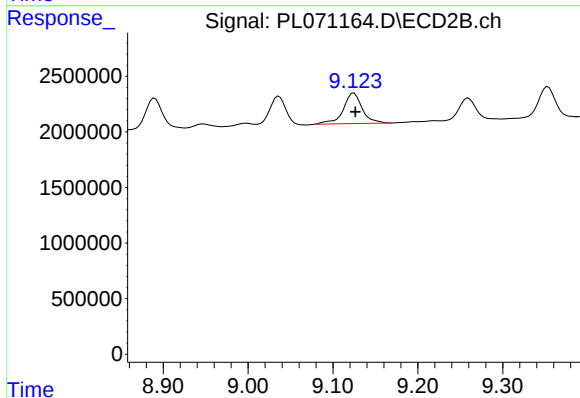
#15 Endosulfan II

R.T.: 8.291 min
Delta R.T.: -0.003 min
Response: 2012114
Conc: 3.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
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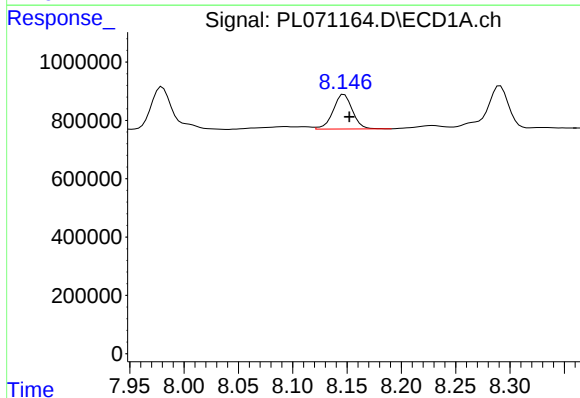
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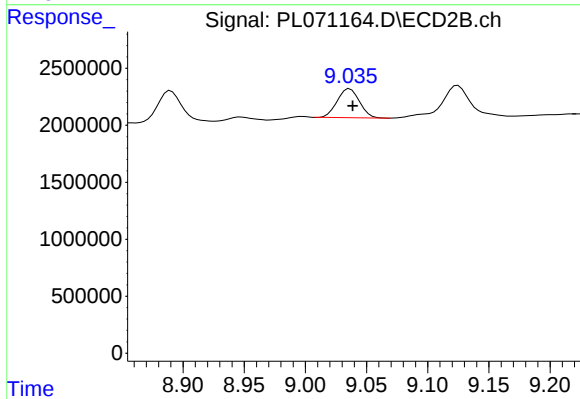
#15 Endosulfan II

R.T.: 9.125 min
Delta R.T.: -0.002 min
Response: 4278352
Conc: 3.50 ng/ml



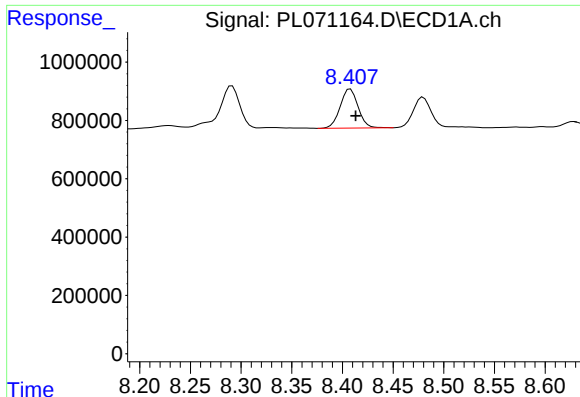
#16 4,4'-DDD

R.T.: 8.147 min
Delta R.T.: -0.005 min
Response: 1463336
Conc: 2.88 ng/ml



#16 4,4'-DDD

R.T.: 9.036 min
Delta R.T.: -0.002 min
Response: 3219686
Conc: 2.68 ng/ml



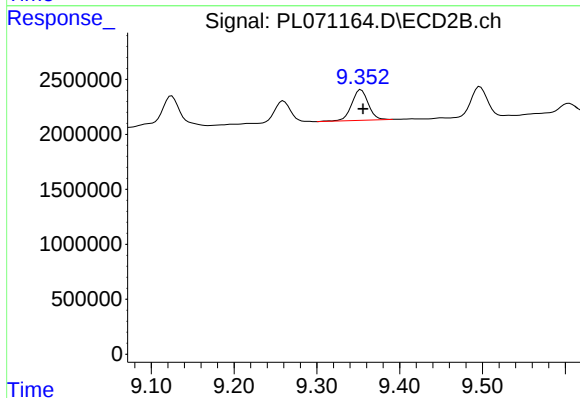
#17 4,4'-DDT

R.T.: 8.408 min
Delta R.T.: -0.005 min
Response: 1652403
Conc: 3.00 ng/ml

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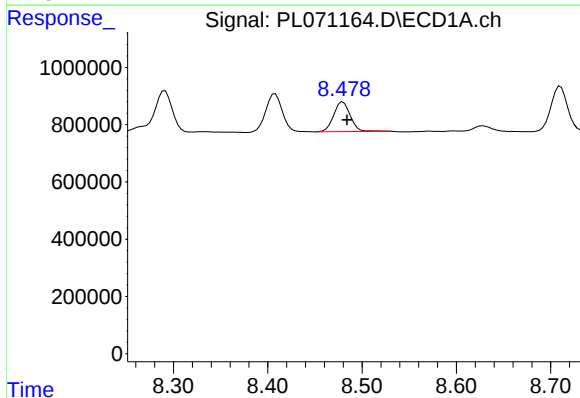
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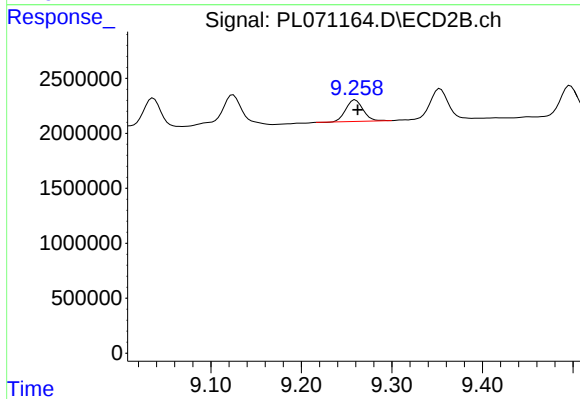
#17 4,4'-DDT

R.T.: 9.353 min
Delta R.T.: -0.002 min
Response: 3870656
Conc: 3.07 ng/ml



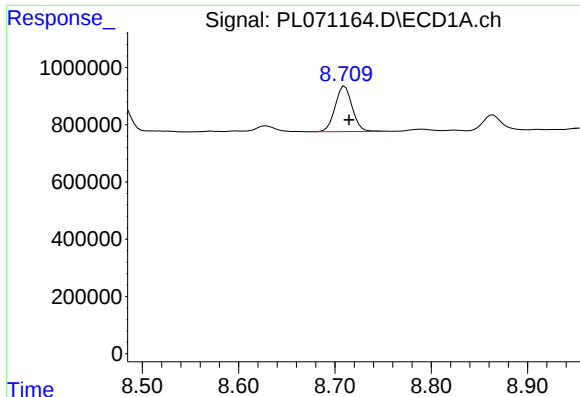
#18 Endrin aldehyde

R.T.: 8.480 min
Delta R.T.: -0.005 min
Response: 1278072
Conc: 2.81 ng/ml



#18 Endrin aldehyde

R.T.: 9.260 min
Delta R.T.: -0.003 min
Response: 2621306
Conc: 2.71 ng/ml



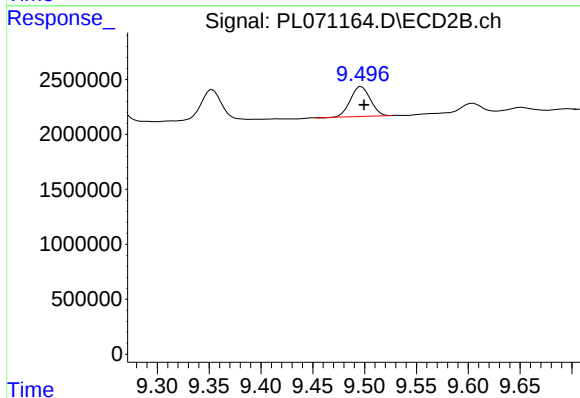
#19 Endosulfan Sulfate

R.T.: 8.710 min
Delta R.T.: -0.004 min
Response: 1955345
Conc: 3.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-112321MS

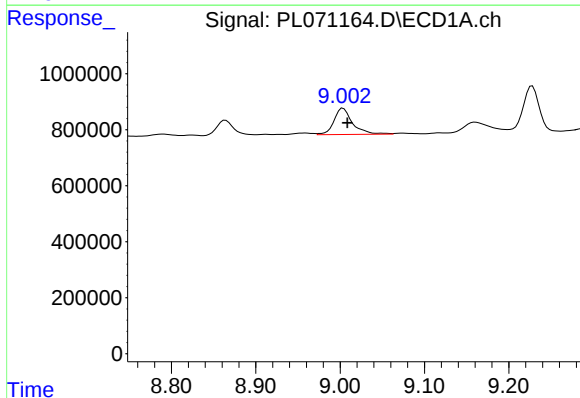
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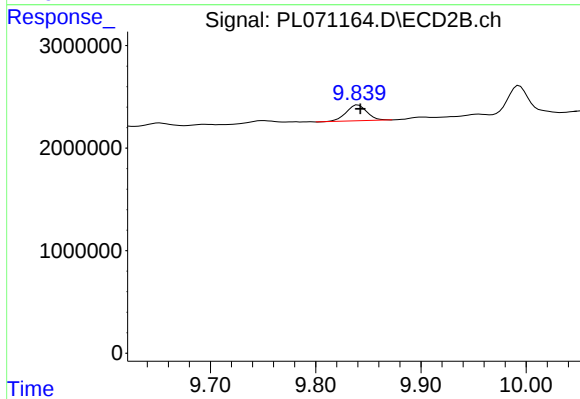
#19 Endosulfan Sulfate

R.T.: 9.497 min
Delta R.T.: -0.002 min
Response: 3594577
Conc: 2.90 ng/ml



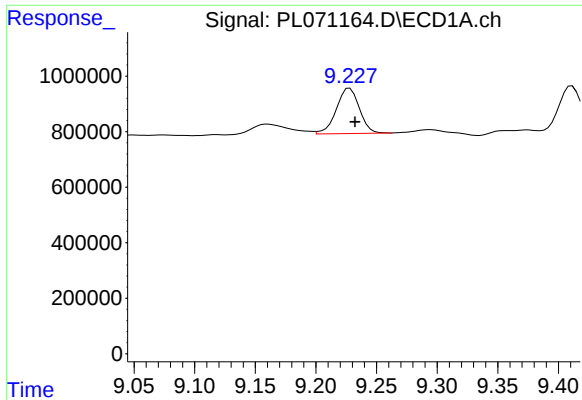
#20 Methoxychlor

R.T.: 9.004 min
Delta R.T.: -0.005 min
Response: 1443997
Conc: 3.95 ng/ml



#20 Methoxychlor

R.T.: 9.840 min
Delta R.T.: -0.002 min
Response: 2123831
Conc: 3.14 ng/ml



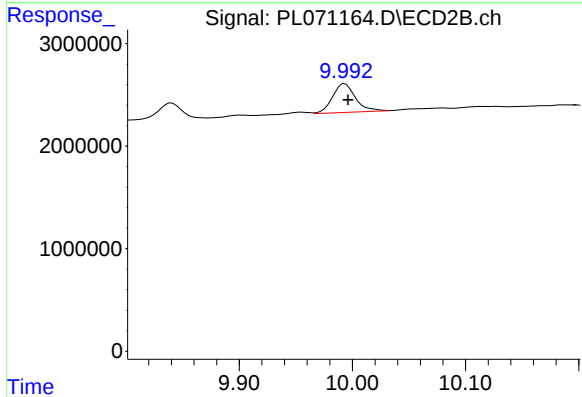
#21 Endrin ketone

R.T.: 9.228 min
Delta R.T.: -0.004 min
Response: 2159064
Conc: 3.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-112321MS

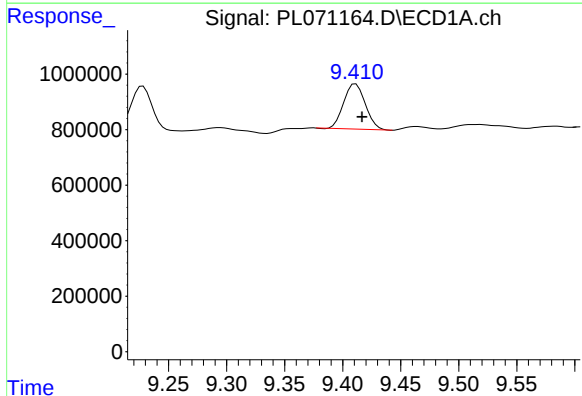
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 11/26/2021
Supervised By :mohammad ahmed 11/26/2021



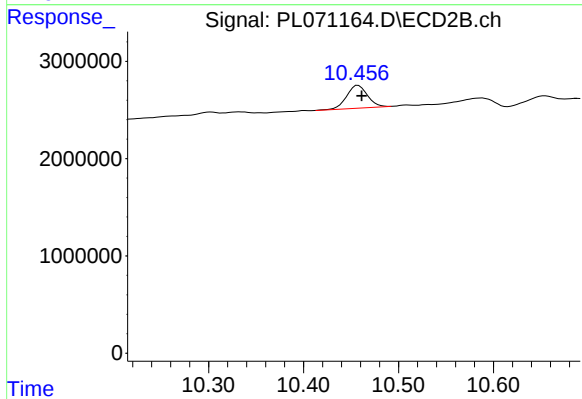
#21 Endrin ketone

R.T.: 9.993 min
Delta R.T.: -0.003 min
Response: 3945327
Conc: 2.75 ng/ml



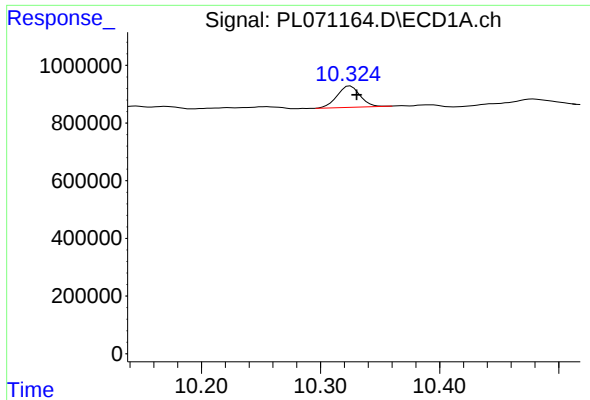
#22 Mirex

R.T.: 9.411 min
Delta R.T.: -0.006 min
Response: 2114527
Conc: 3.44 ng/ml



#22 Mirex

R.T.: 10.458 min
Delta R.T.: -0.004 min
Response: 3571425
Conc: 3.43 ng/ml



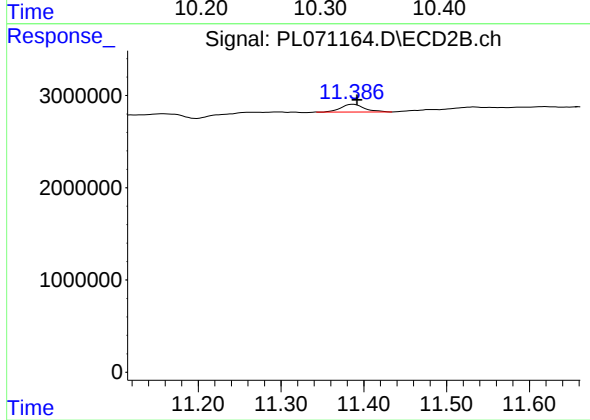
#28 Decachlorobiphenyl

R.T.: 10.325 min
Delta R.T.: -0.005 min
Response: 992439
Conc: 1.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-112321MS

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#28 Decachlorobiphenyl

R.T.: 11.387 min
Delta R.T.: -0.005 min
Response: 1635396
Conc: 1.22 ng/ml