

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031722\
 Data File : PL073446.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Mar 2022 13:44
 Operator : AR\AJ
 Sample : N1645-09
 Misc : PEST MDL 1PPB
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-WATER-03-QT1-2022

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/18/2022
 Supervised By :Ankita Jodhani 03/18/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 17 21:55:45 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 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...	4.642	5.492	6377208	34545645	19.911	21.048
28)	SA Decachlor...	10.419	11.332	10574123	36194603	20.795	20.241
Target Compounds							
2)	A alpha-BHC	5.350	6.054	400279	1931393	0.971	0.859
3)	MA gamma-BHC...	5.773	6.443	414590	2058795	0.994m	0.964
4)	MA Heptachlor	6.185	7.102	482926	2489595	1.070	1.063
5)	MB Aldrin	6.511	7.468	460951	2168509	1.116	1.035m
6)	B beta-BHC	6.152	6.679	185004	1959912	0.899m	1.880 #
7)	B delta-BHC	6.415	6.947	401800	3490225	1.000	1.621 #
8)	B Heptachlo...	7.088	7.926	513773	2162745	1.192	1.083
9)	A Endosulfan I	7.491	8.326	463304	1831498	1.129	1.003
10)	B gamma-Chl...	7.366	8.194	544164	2632516	1.244	1.289
11)	B alpha-Chl...	7.435	8.276	533982	2138563	1.208	1.069
12)	B 4,4'-DDE	7.649	8.461	375404	1783980	1.046	0.995
13)	MA Dieldrin	7.777	8.611	467162	1944953	1.121m	1.054
14)	MA Endrin	8.067	8.846	472581	1648432	1.218m	1.071
15)	B Endosulfa...	8.379	9.070	523979	1617246	1.341	1.053
16)	A 4,4'-DDD	8.235	8.988	324090	1646228	0.998	1.128
17)	MA 4,4'-DDT	8.495	9.307	359582	1605731	0.951m	0.982
18)	B Endrin al...	8.568	9.203	433431	1358086	1.371	1.107
19)	B Endosulfa...	8.800	9.440	517637	1804090	1.225	1.145
20)	A Methoxychlor	9.092	9.787	305378	1034791	1.190	1.148
21)	B Endrin ke...	9.318	9.926	517815	1540375	1.058	0.933m
22)	Mirex	9.507	10.405	625802	1606571	1.327	1.183

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031722\
 Data File : PL073446.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Mar 2022 13:44
 Operator : AR\AJ
 Sample : N1645-09
 Misc : PEST MDL 1PPB
 ALS Vial : 12 Sample Multiplier: 1

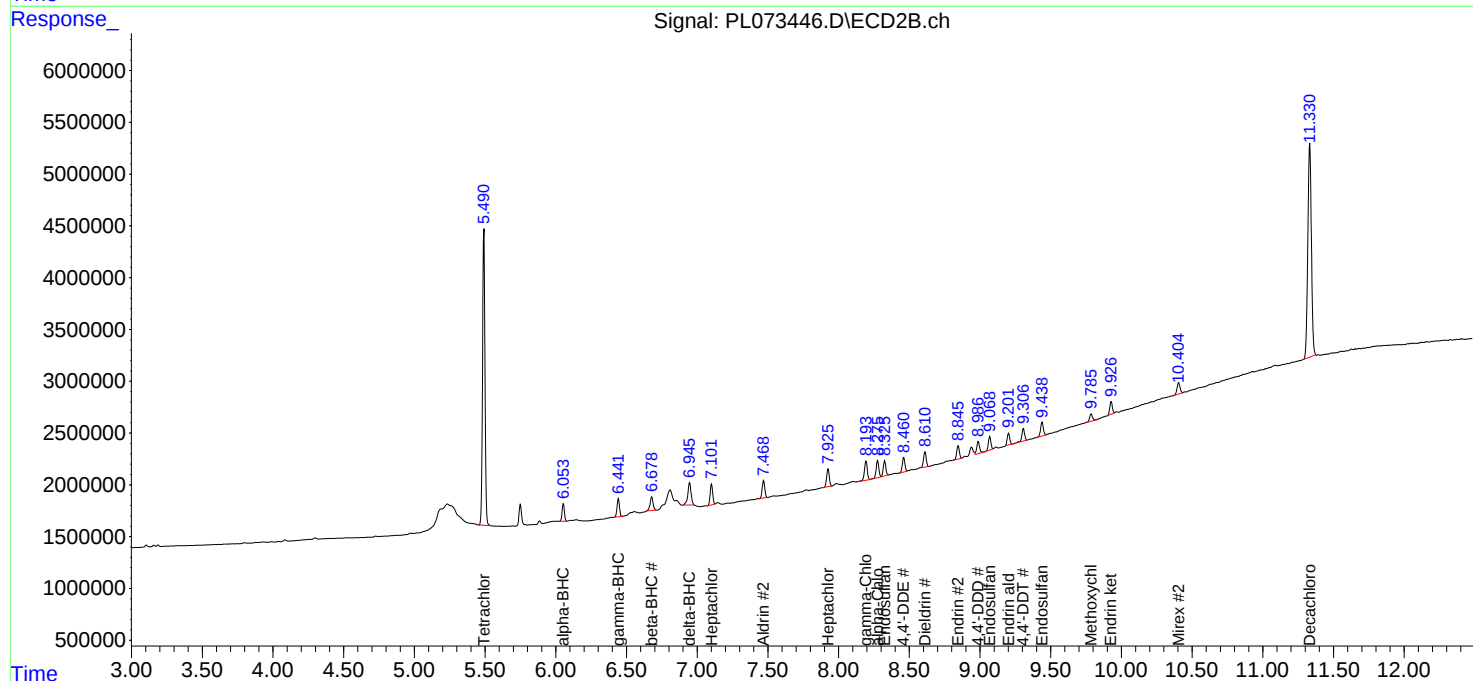
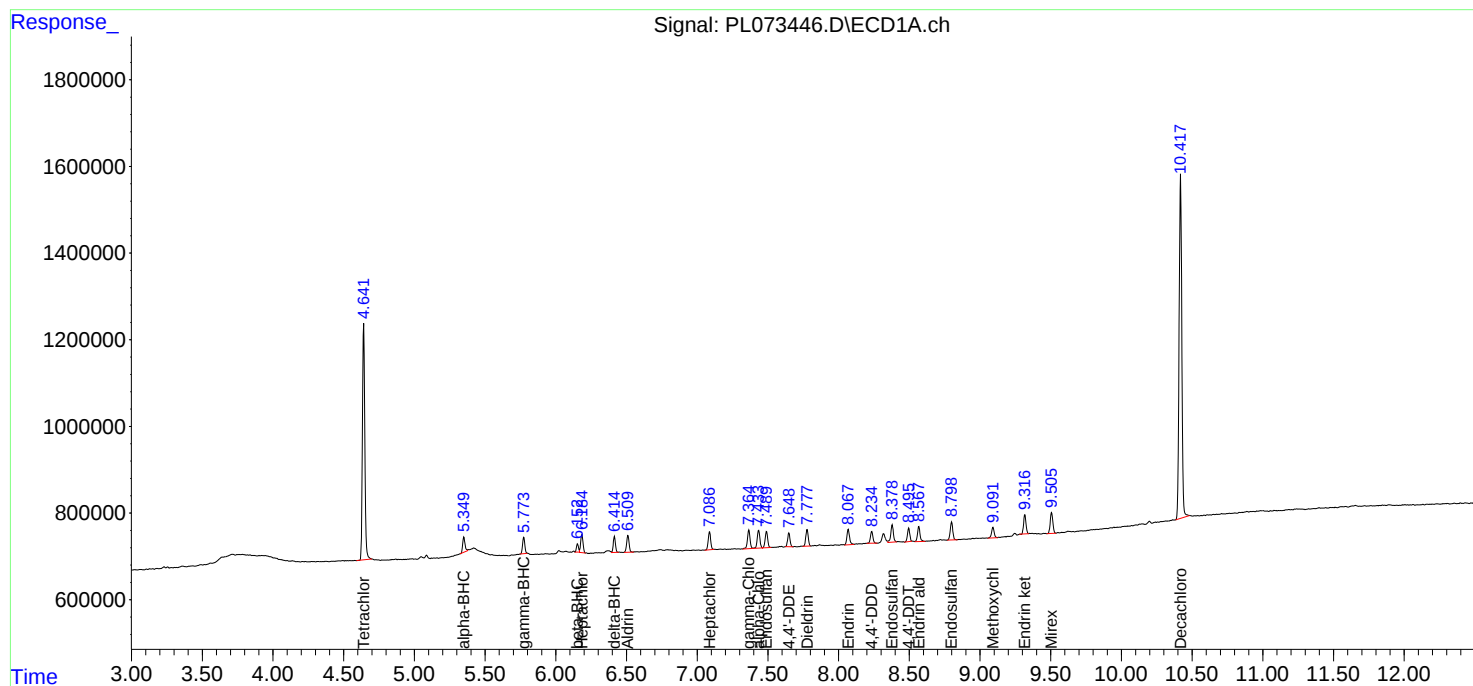
Instrument :
 ECD_L
 ClientSampleId :
 MDL-WATER-03-QT1-2022

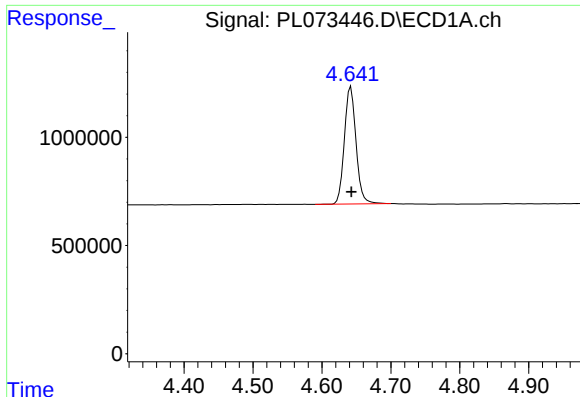
Manual Integrations APPROVED

Reviewed By : Abdul Mirza 03/18/2022
 Supervised By : Ankita Jodhani 03/18/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 17 21:55:45 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
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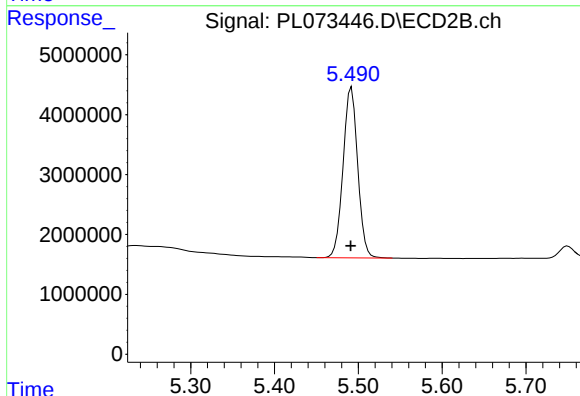
#1 Tetrachloro-m-xylene

R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 6377208
Conc: 19.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2022

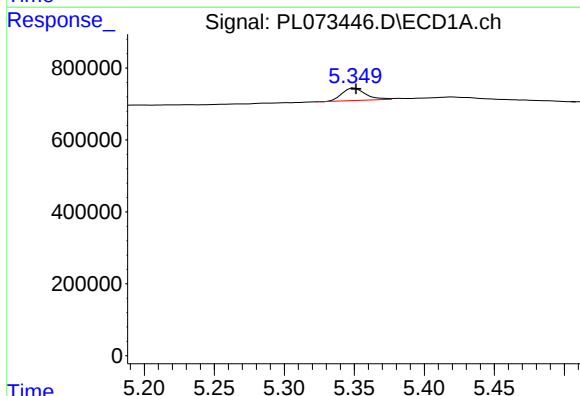
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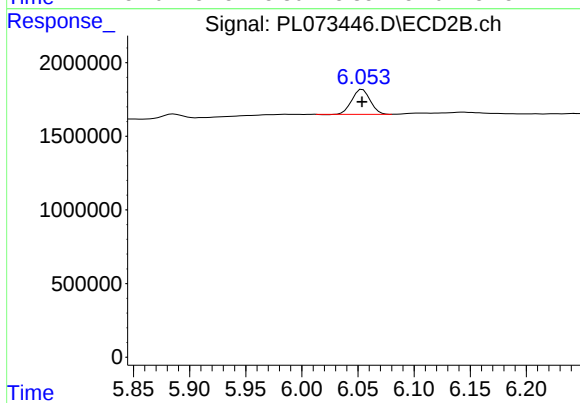
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 34545645
Conc: 21.05 ng/ml



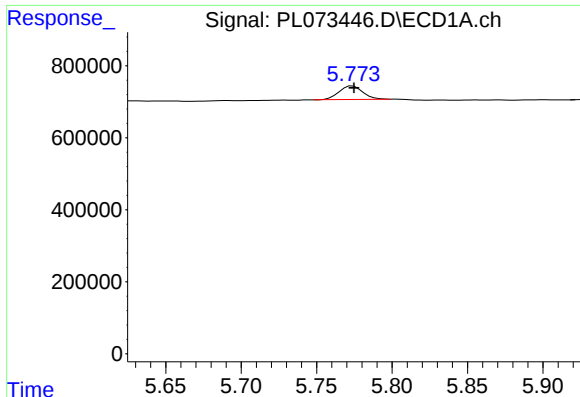
#2 alpha-BHC

R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 400279
Conc: 0.97 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 1931393
Conc: 0.86 ng/ml



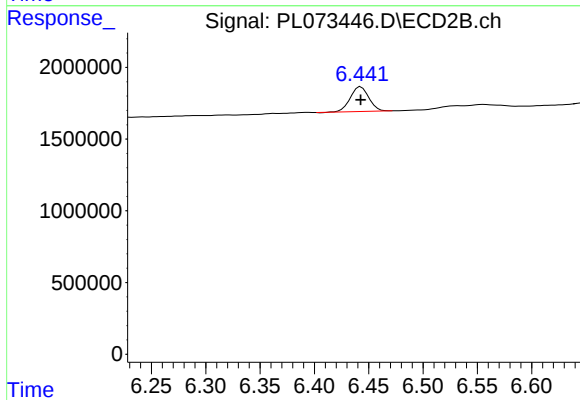
#3 gamma-BHC (Lindane)

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 414590
Conc: 0.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2022

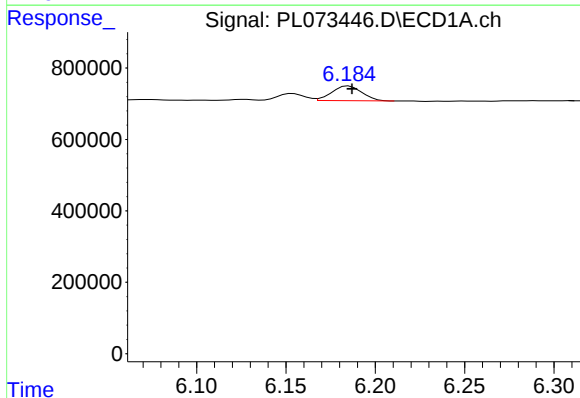
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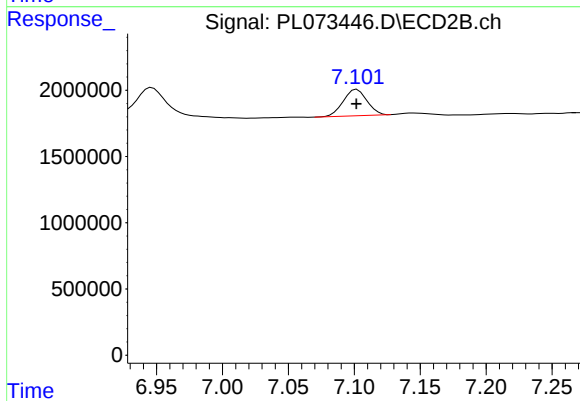
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 2058795
Conc: 0.96 ng/ml



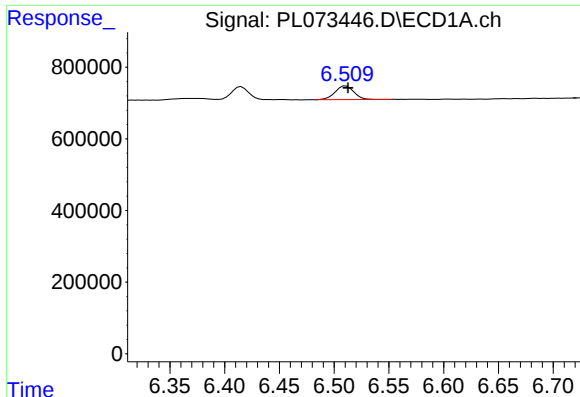
#4 Heptachlor

R.T.: 6.185 min
Delta R.T.: -0.002 min
Response: 482926
Conc: 1.07 ng/ml



#4 Heptachlor

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 2489595
Conc: 1.06 ng/ml



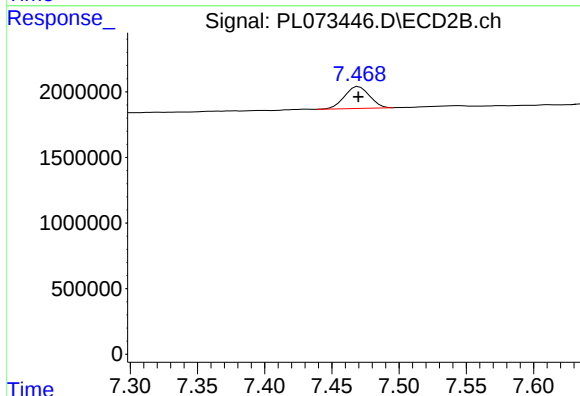
#5 Aldrin

R.T.: 6.511 min
Delta R.T.: -0.002 min
Response: 460951
Conc: 1.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2022

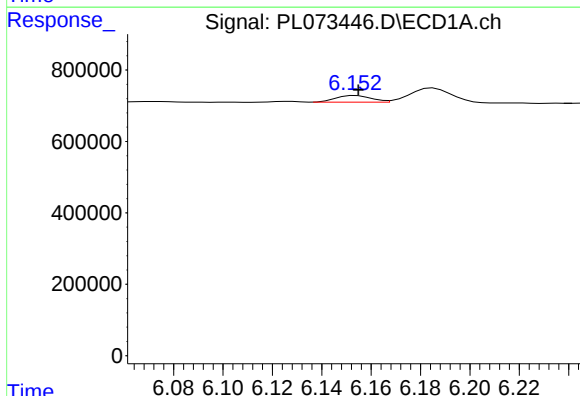
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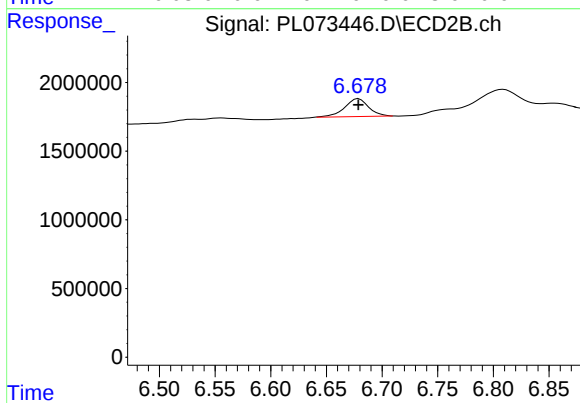
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.001 min
Response: 2168509
Conc: 1.04 ng/ml m



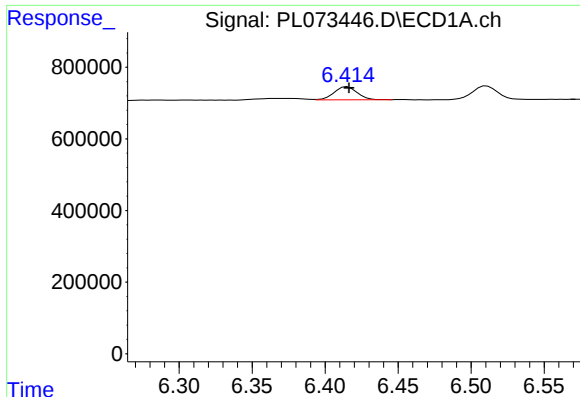
#6 beta-BHC

R.T.: 6.152 min
Delta R.T.: -0.002 min
Response: 185004
Conc: 0.90 ng/ml m



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 1959912
Conc: 1.88 ng/ml



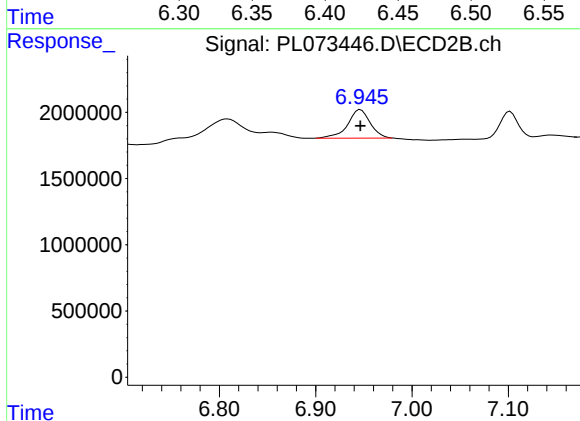
#7 delta-BHC

R.T.: 6.415 min
Delta R.T.: -0.001 min
Response: 401800
Conc: 1.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2022

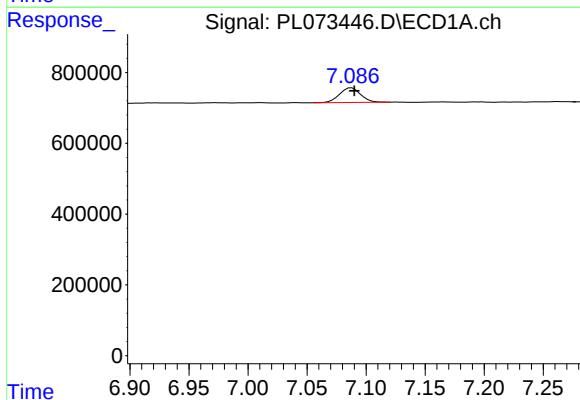
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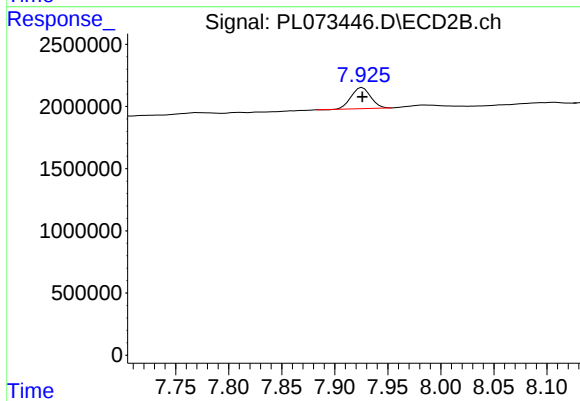
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 3490225
Conc: 1.62 ng/ml



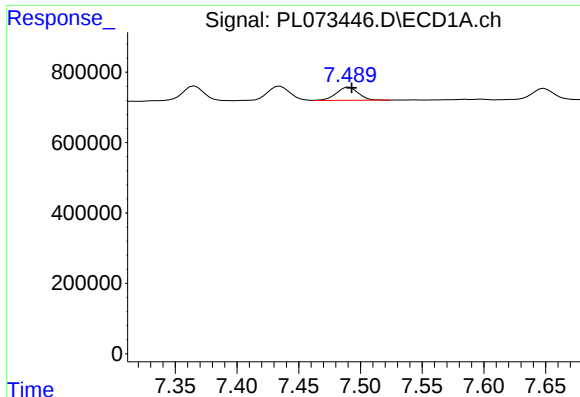
#8 Heptachlor epoxide

R.T.: 7.088 min
Delta R.T.: -0.002 min
Response: 513773
Conc: 1.19 ng/ml



#8 Heptachlor epoxide

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 2162745
Conc: 1.08 ng/ml



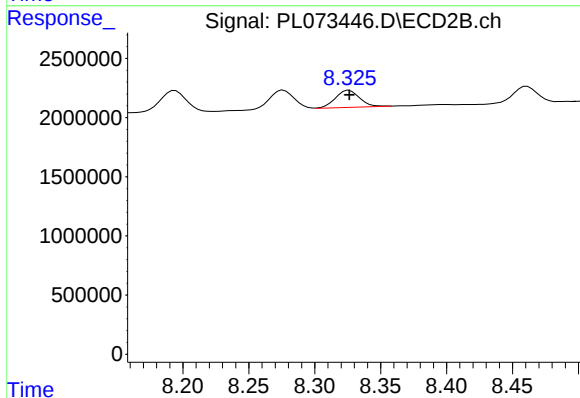
#9 Endosulfan I

R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 463304
Conc: 1.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2022

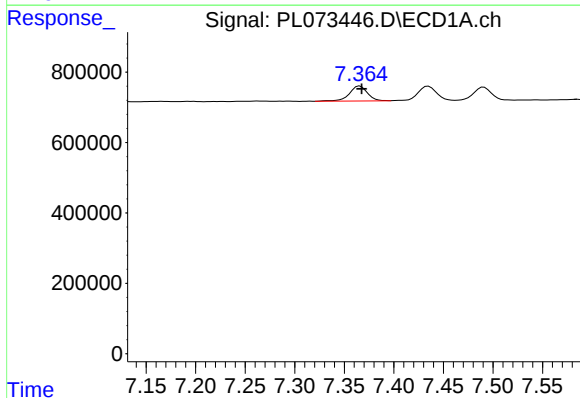
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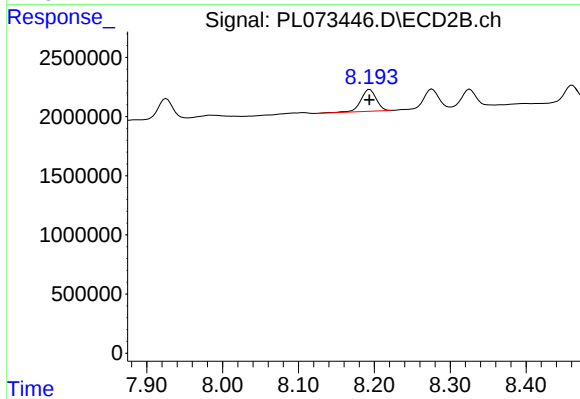
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: 0.000 min
Response: 1831498
Conc: 1.00 ng/ml



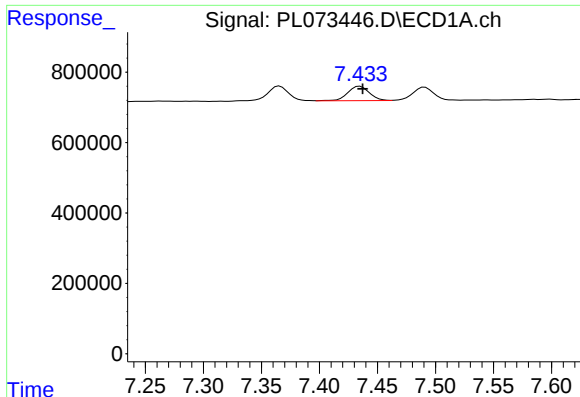
#10 gamma-Chlordane

R.T.: 7.366 min
Delta R.T.: -0.002 min
Response: 544164
Conc: 1.24 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: 0.000 min
Response: 2632516
Conc: 1.29 ng/ml



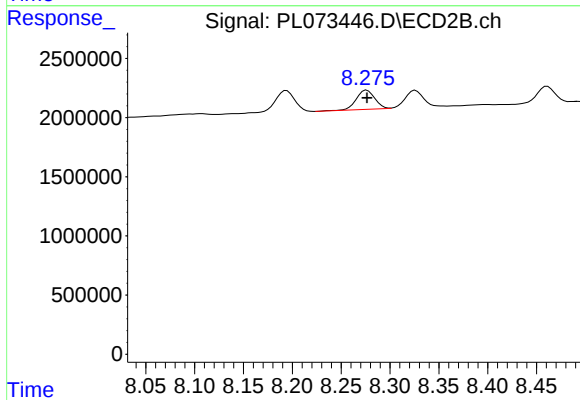
#11 alpha-Chlordane

R.T.: 7.435 min
Delta R.T.: -0.002 min
Response: 533982
Conc: 1.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2022

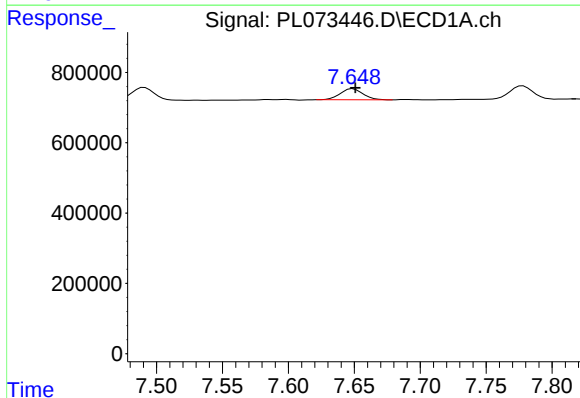
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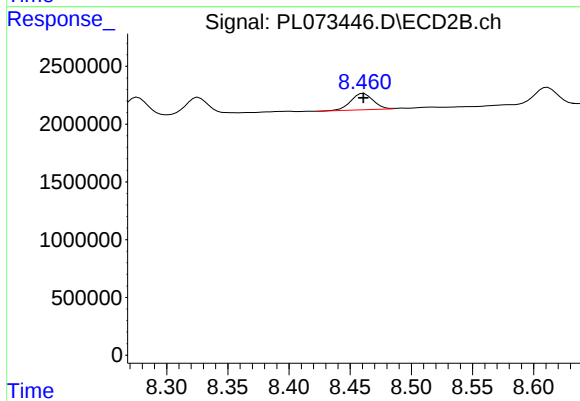
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: 0.000 min
Response: 2138563
Conc: 1.07 ng/ml



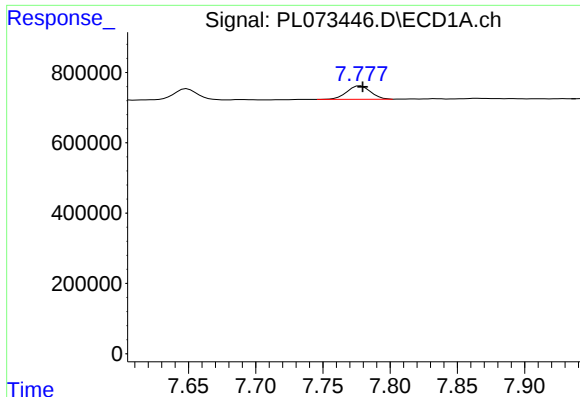
#12 4,4'-DDE

R.T.: 7.649 min
Delta R.T.: -0.002 min
Response: 375404
Conc: 1.05 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 1783980
Conc: 1.00 ng/ml



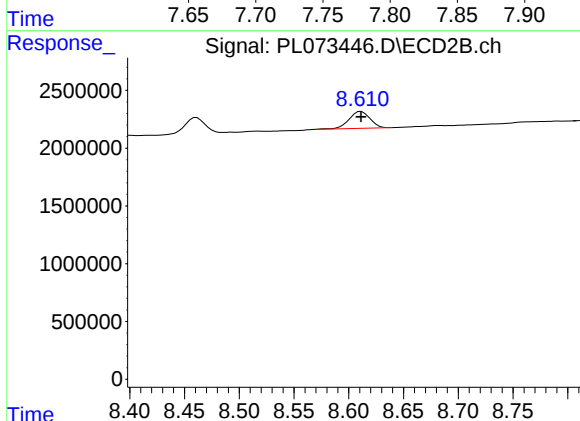
#13 Dieldrin

R.T.: 7.777 min
Delta R.T.: -0.003 min
Response: 467162
Conc: 1.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2022

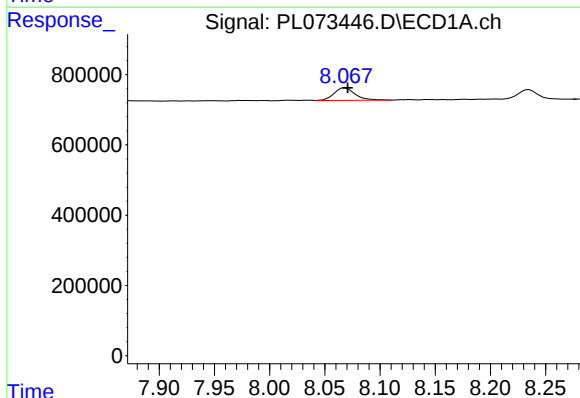
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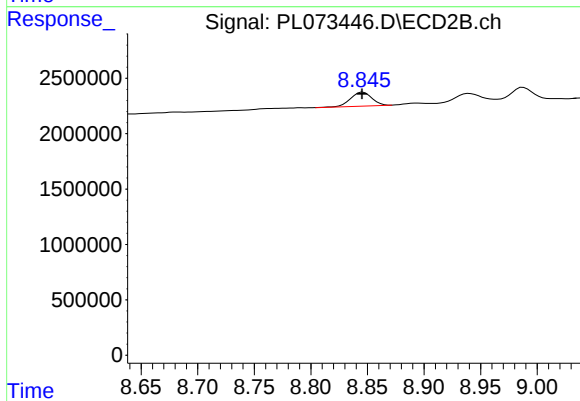
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: 0.000 min
Response: 1944953
Conc: 1.05 ng/ml



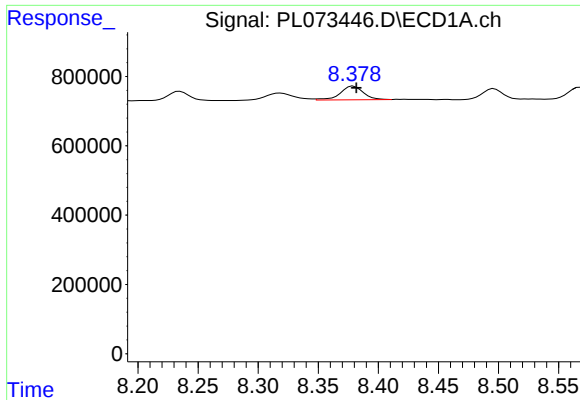
#14 Endrin

R.T.: 8.067 min
Delta R.T.: -0.004 min
Response: 472581
Conc: 1.22 ng/ml m



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 1648432
Conc: 1.07 ng/ml



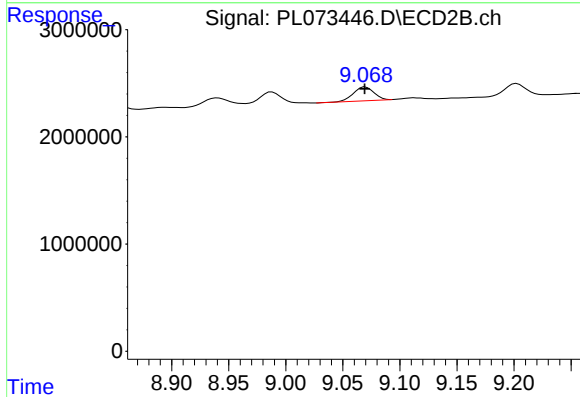
#15 Endosulfan II

R.T.: 8.379 min
Delta R.T.: -0.002 min
Response: 523979
Conc: 1.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
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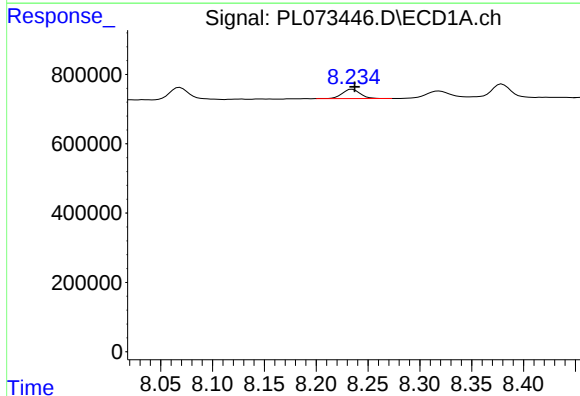
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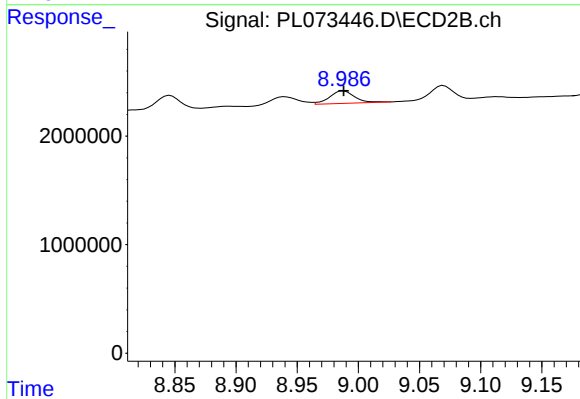
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 1617246
Conc: 1.05 ng/ml



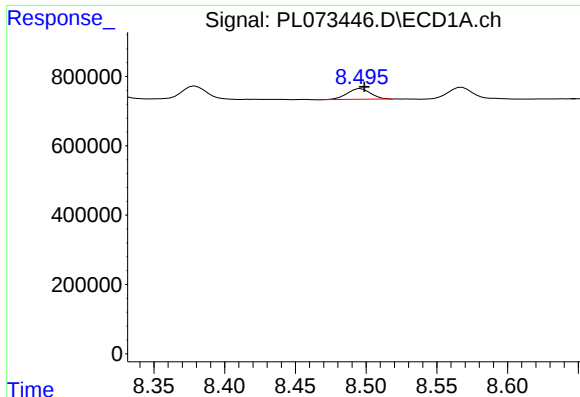
#16 4,4'-DDD

R.T.: 8.235 min
Delta R.T.: -0.002 min
Response: 324090
Conc: 1.00 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: 0.000 min
Response: 1646228
Conc: 1.13 ng/ml



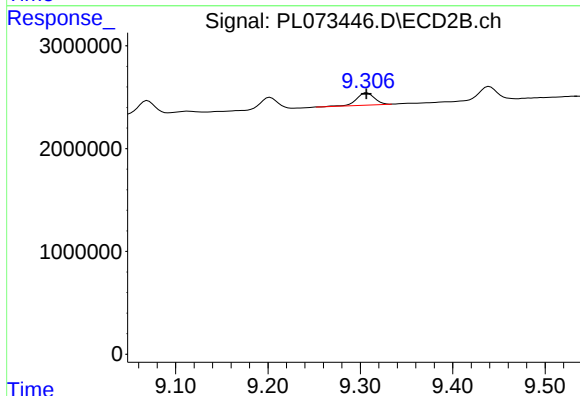
#17 4,4'-DDT

R.T.: 8.495 min
Delta R.T.: -0.004 min
Response: 359582
Conc: 0.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2022

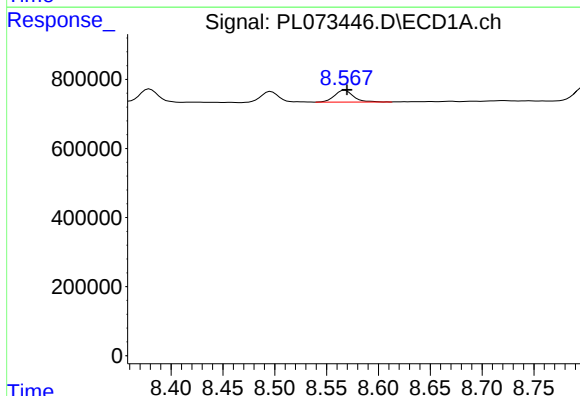
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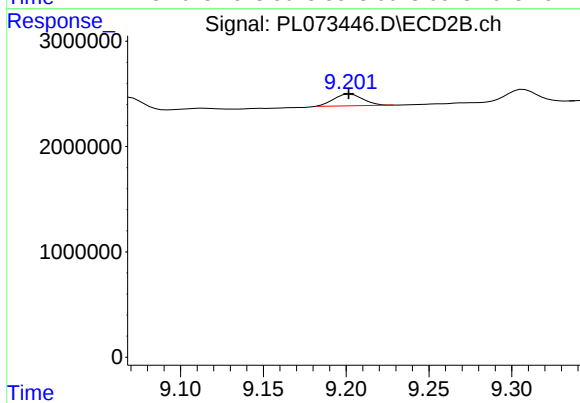
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: 0.000 min
Response: 1605731
Conc: 0.98 ng/ml



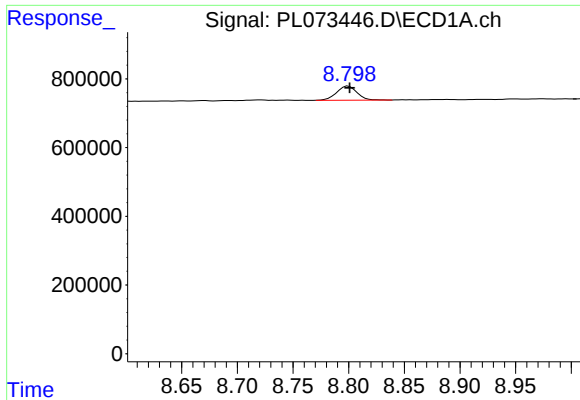
#18 Endrin aldehyde

R.T.: 8.568 min
Delta R.T.: -0.002 min
Response: 433431
Conc: 1.37 ng/ml



#18 Endrin aldehyde

R.T.: 9.203 min
Delta R.T.: 0.000 min
Response: 1358086
Conc: 1.11 ng/ml



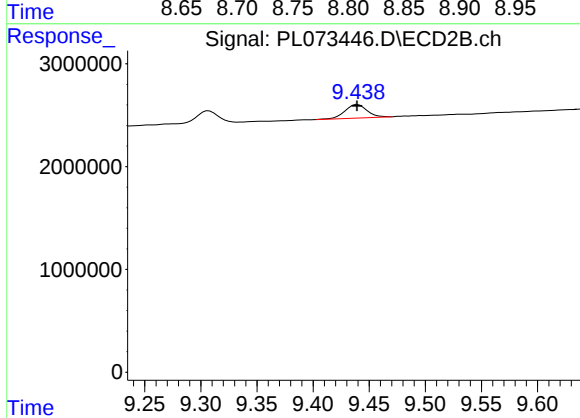
#19 Endosulfan Sulfate

R.T.: 8.800 min
Delta R.T.: -0.001 min
Response: 517637
Conc: 1.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2022

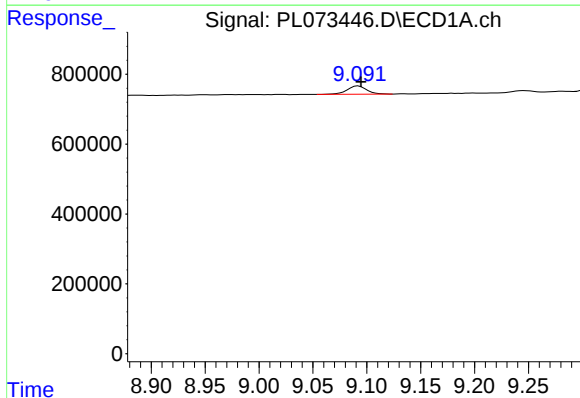
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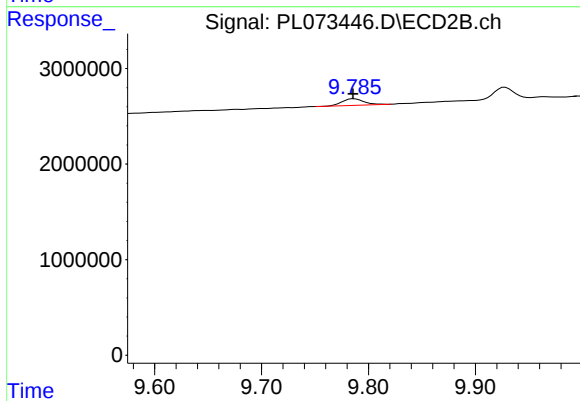
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: 0.000 min
Response: 1804090
Conc: 1.14 ng/ml



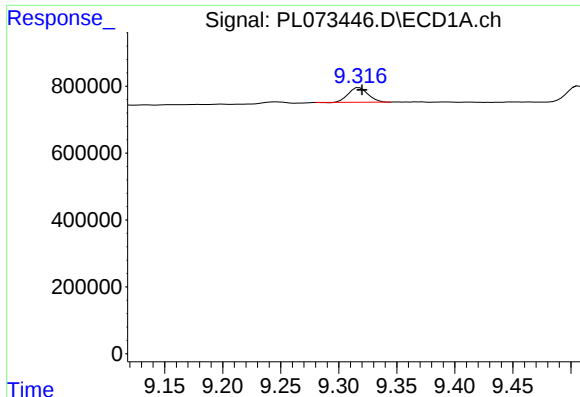
#20 Methoxychlor

R.T.: 9.092 min
Delta R.T.: -0.002 min
Response: 305378
Conc: 1.19 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: 0.001 min
Response: 1034791
Conc: 1.15 ng/ml



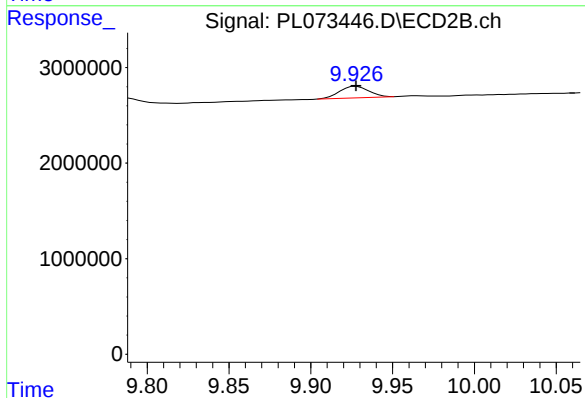
#21 Endrin ketone

R.T.: 9.318 min
Delta R.T.: -0.002 min
Response: 517815
Conc: 1.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2022

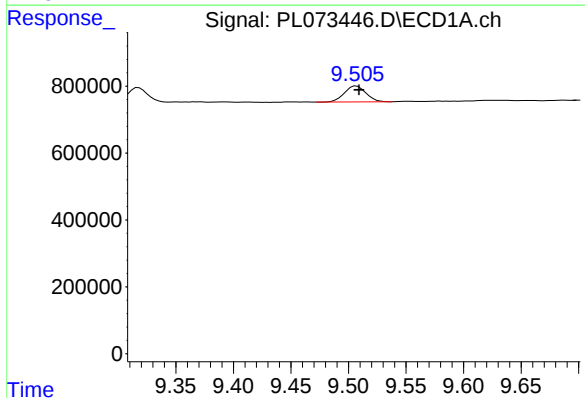
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/18/2022
Supervised By :Ankita Jodhani 03/18/2022



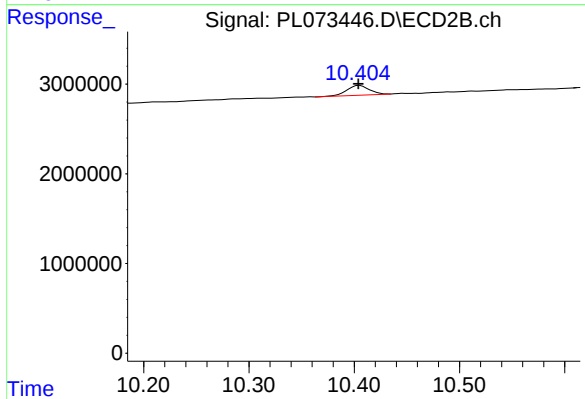
#21 Endrin ketone

R.T.: 9.926 min
Delta R.T.: -0.001 min
Response: 1540375
Conc: 0.93 ng/ml m



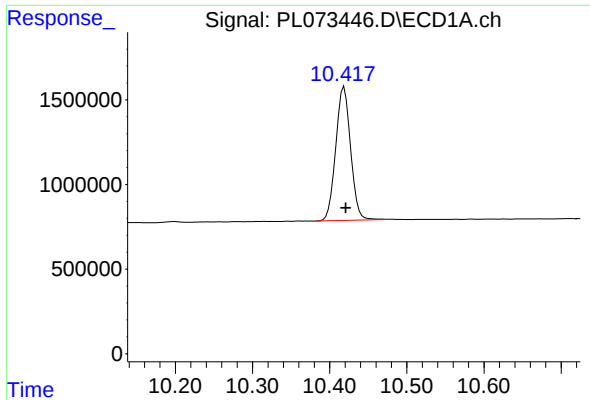
#22 Mirex

R.T.: 9.507 min
Delta R.T.: -0.002 min
Response: 625802
Conc: 1.33 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: 0.000 min
Response: 1606571
Conc: 1.18 ng/ml



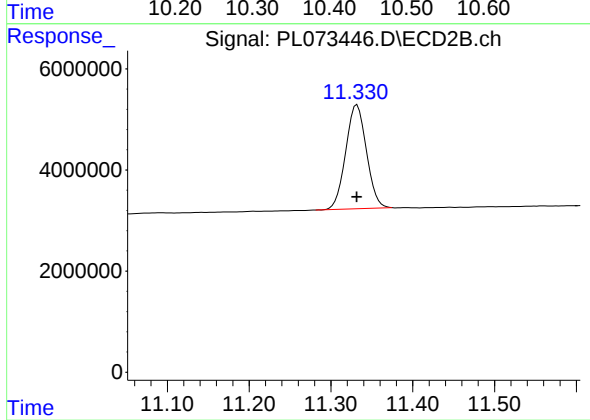
#28 Decachlorobiphenyl

R.T.: 10.419 min
Delta R.T.: -0.002 min
Response: 10574123
Conc: 20.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2022

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: 0.000 min
Response: 36194603
Conc: 20.24 ng/ml