

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081123\
 Data File : PL084678.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Aug 2023 13:07
 Operator : AR\AJ
 Sample : 03572-09
 Misc : PEST MDL 1PPB
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-WATER-03-QT3-2023

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/14/2023
 Supervised By :Ankita Jodhani 08/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 23:07:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 16:21:43 2023
 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...	3.476	2.685	41354708	19591557	17.799	18.017
28)	SA Decachlor...	9.026	7.867	33260197	24871820	20.442	19.949
Target Compounds							
2)	A alpha-BHC	3.934	3.189	2713871	1391207	0.822	0.901
3)	MA gamma-BHC...	4.268	3.520	2863123	1325722	0.898	0.872
4)	MA Heptachlor	4.860	3.861	3687913	1320551	1.097m	0.927
5)	MB Aldrin	5.203	4.141	3378971	1394010	1.022	0.959
6)	B beta-BHC	4.468	3.821	1848816	700050	1.323	1.045m
7)	B delta-BHC	4.713	4.050	3618800	1324905	1.122m	0.873
8)	B Heptachlo...	5.632	4.648	3611064	1391589	1.199m	1.049
9)	A Endosulfan I	6.019	5.017	3092387	1252723	1.175	1.011m
10)	B gamma-Chl...	5.890	4.901	3228080	1490509	1.127	1.099
11)	B alpha-Chl...	5.971	4.964	3135777	1453306	1.111	1.067m
12)	B 4,4'-DDE	6.149	5.163	2290430	1166735	0.998	0.947
13)	MA Dieldrin	6.296	5.285	2719701	1334717	1.029	0.983
14)	MA Endrin	6.526	5.561	2330518	1272608	1.069	1.040
15)	B Endosulfa...	6.745	5.856	3151499	1469270	1.490	1.218m
16)	A 4,4'-DDD	6.666	5.719	1643168	904846	0.980m	0.876m
17)	MA 4,4'-DDT	6.983	5.974	2287843	1114032	1.221	0.960
18)	B Endrin al...	6.878	6.040	1997170	1158802	1.184	1.168
19)	B Endosulfa...	7.112	6.264	2270888	1296484	1.137	1.090
20)	A Methoxychlor	7.465	6.558	1114212	823710	1.161m	1.201
21)	B Endrin ke...	7.598	6.770	2252652	1401056	1.126	0.971
22)	Mirex	8.073	6.951	2011283	1371319	1.211	1.189

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081123\
Data File : PL084678.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Aug 2023 13:07
Operator : AR\AJ
Sample : 03572-09
Misc : PEST MDL 1PPB
ALS Vial : 13 Sample Multiplier: 1

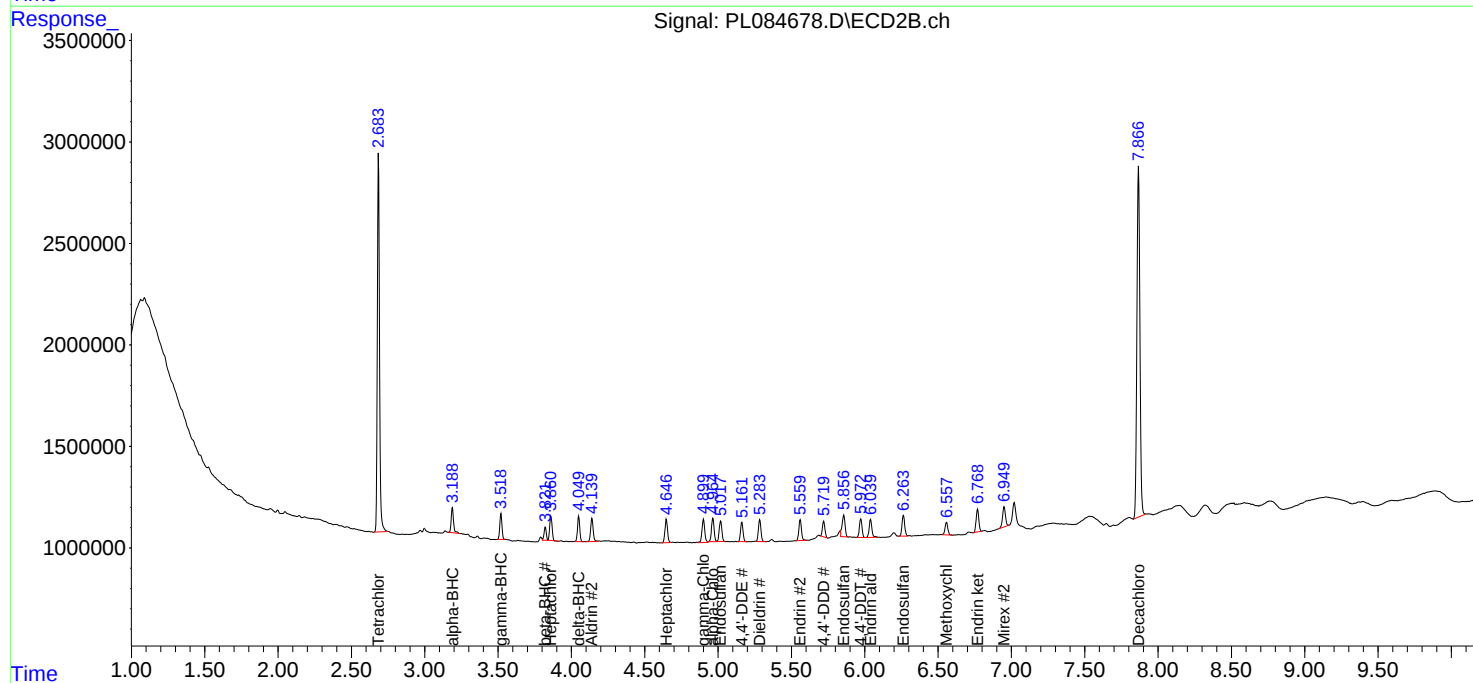
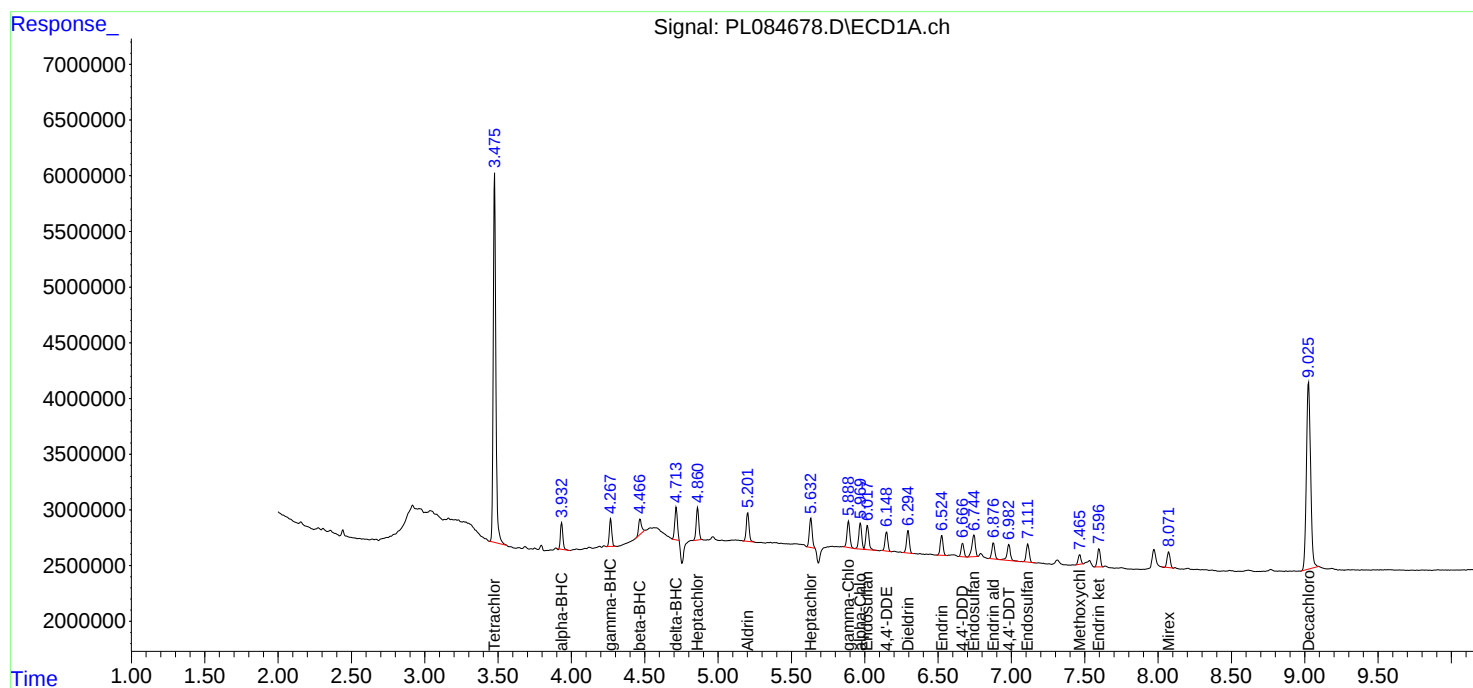
Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2023

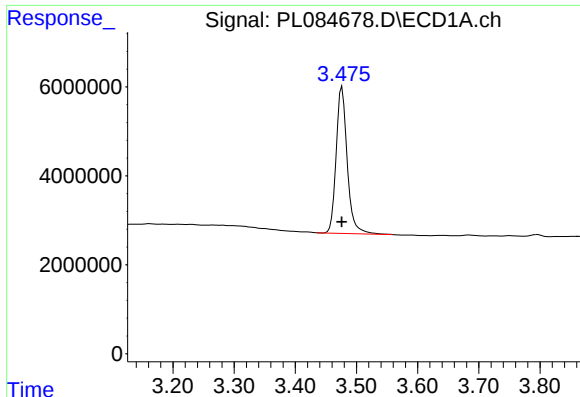
Manual Integrations
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Supervised By :Ankita Jodhani 08/14/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 23:07:12 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
Quant Title : GC Extractables
QLast Update : Thu Aug 03 16:21:43 2023
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





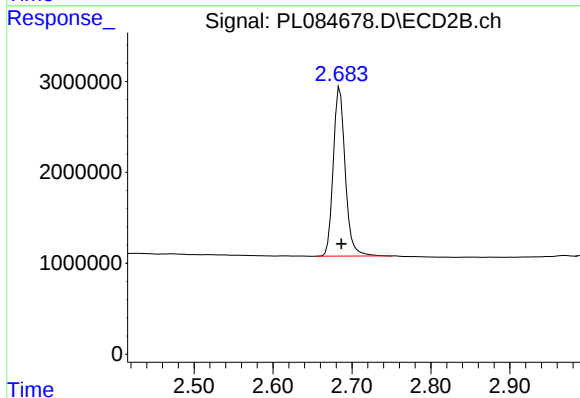
#1 Tetrachloro-m-xylene

R.T.: 3.476 min
Delta R.T.: 0.000 min
Response: 41354708
Conc: 17.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2023

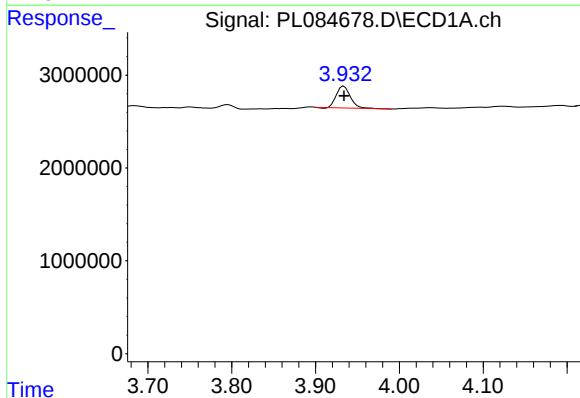
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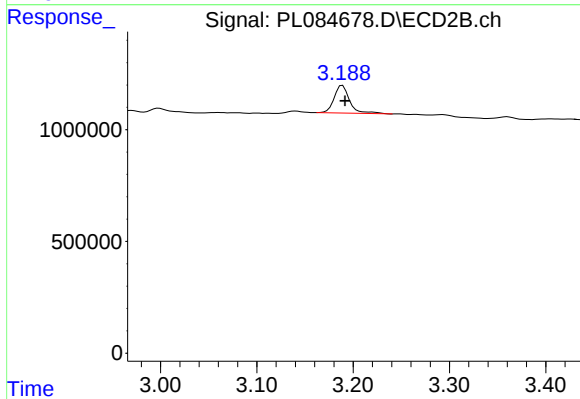
#1 Tetrachloro-m-xylene

R.T.: 2.685 min
Delta R.T.: -0.002 min
Response: 19591557
Conc: 18.02 ng/ml



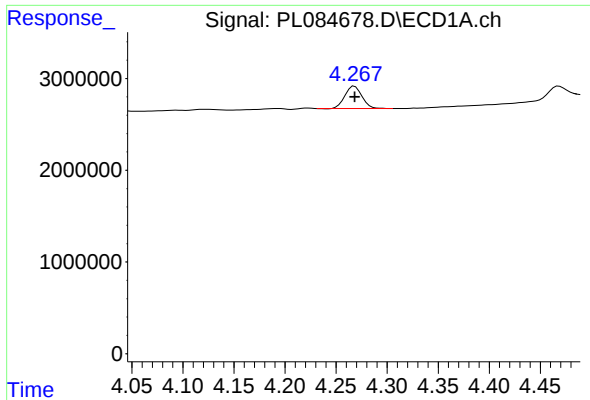
#2 alpha-BHC

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 2713871
Conc: 0.82 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.003 min
Response: 1391207
Conc: 0.90 ng/ml



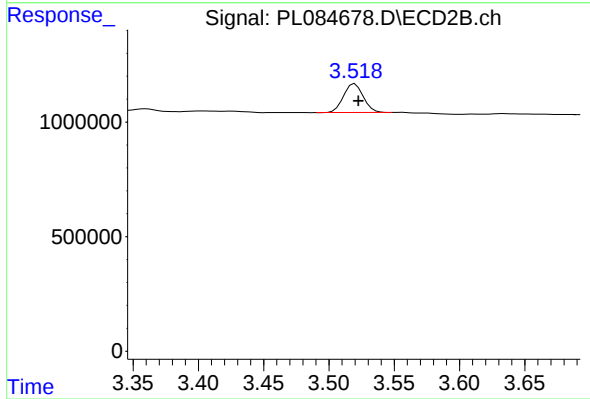
#3 gamma-BHC (Lindane)

R.T.: 4.268 min
Delta R.T.: 0.000 min
Response: 2863123
Conc: 0.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2023

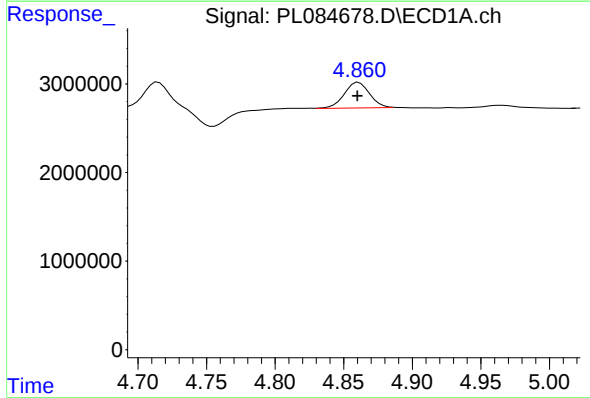
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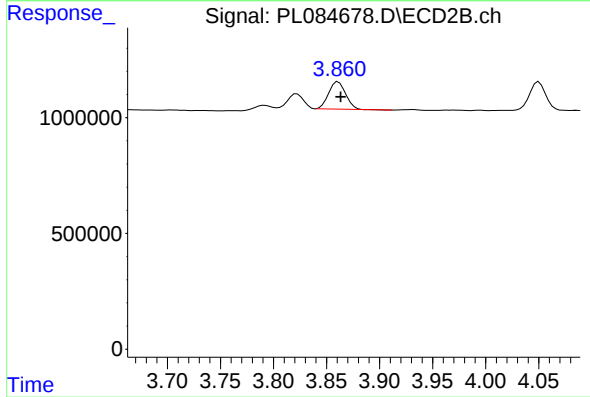
#3 gamma-BHC (Lindane)

R.T.: 3.520 min
Delta R.T.: -0.003 min
Response: 1325722
Conc: 0.87 ng/ml



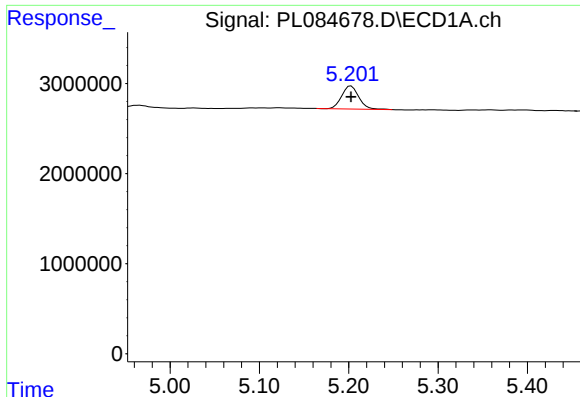
#4 Heptachlor

R.T.: 4.860 min
Delta R.T.: 0.000 min
Response: 3687913
Conc: 1.10 ng/ml m



#4 Heptachlor

R.T.: 3.861 min
Delta R.T.: -0.002 min
Response: 1320551
Conc: 0.93 ng/ml



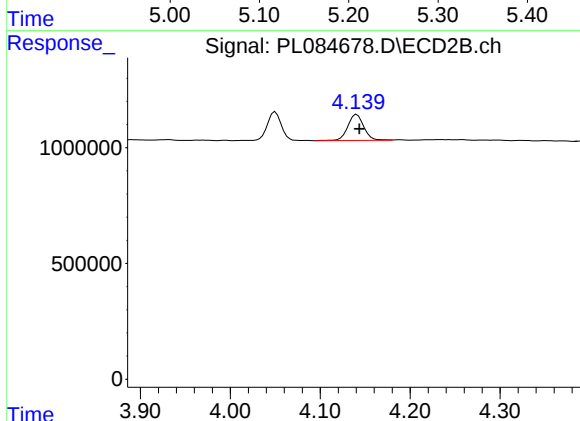
#5 Aldrin

R.T.: 5.203 min
Delta R.T.: 0.000 min
Response: 3378971
Conc: 1.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
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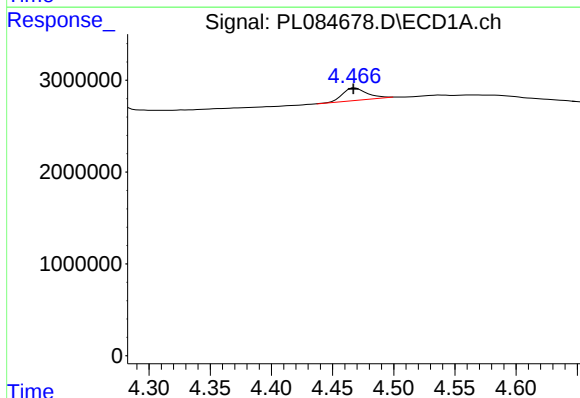
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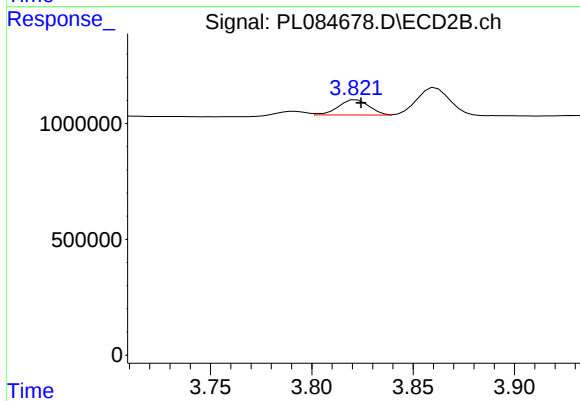
#5 Aldrin

R.T.: 4.141 min
Delta R.T.: -0.003 min
Response: 1394010
Conc: 0.96 ng/ml



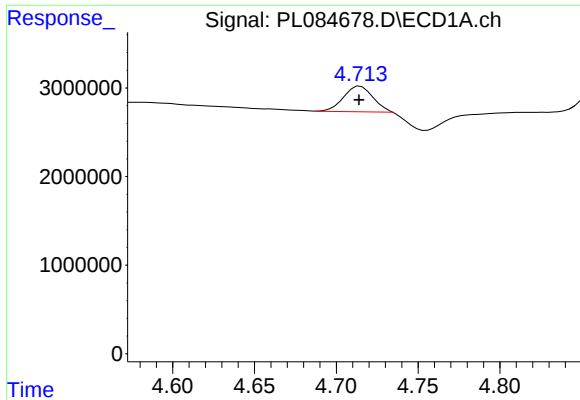
#6 beta-BHC

R.T.: 4.468 min
Delta R.T.: 0.001 min
Response: 1848816
Conc: 1.32 ng/ml



#6 beta-BHC

R.T.: 3.821 min
Delta R.T.: -0.004 min
Response: 700050
Conc: 1.04 ng/ml m



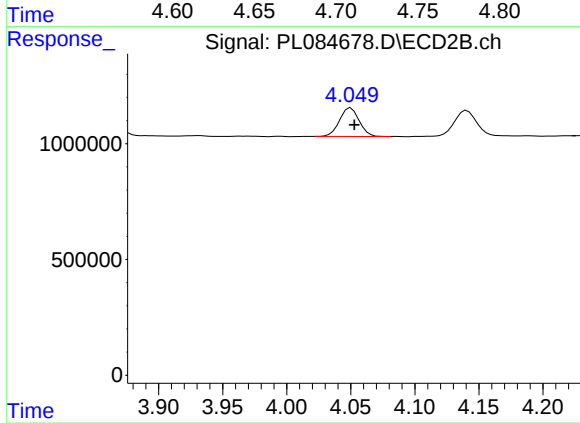
#7 delta-BHC

R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 3618800
Conc: 1.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2023

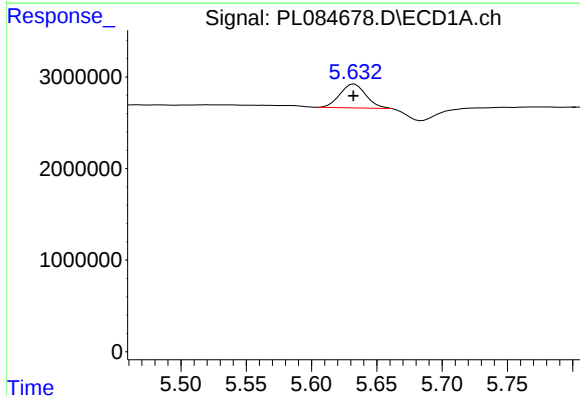
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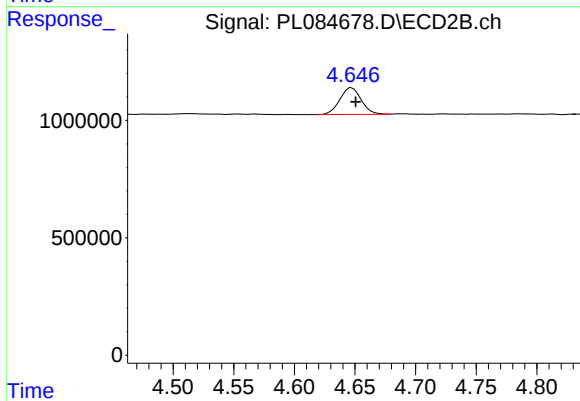
#7 delta-BHC

R.T.: 4.050 min
Delta R.T.: -0.003 min
Response: 1324905
Conc: 0.87 ng/ml



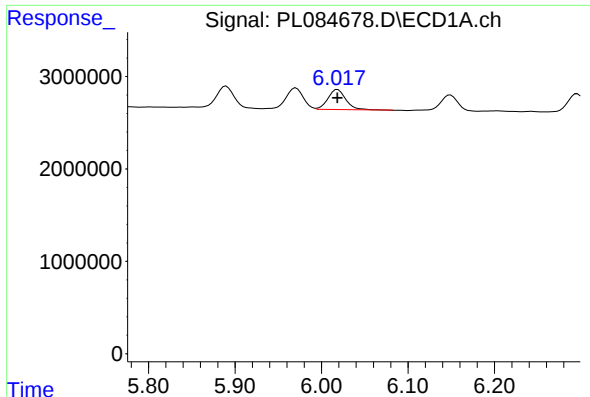
#8 Heptachlor epoxide

R.T.: 5.632 min
Delta R.T.: 0.000 min
Response: 3611064
Conc: 1.20 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.648 min
Delta R.T.: -0.003 min
Response: 1391589
Conc: 1.05 ng/ml



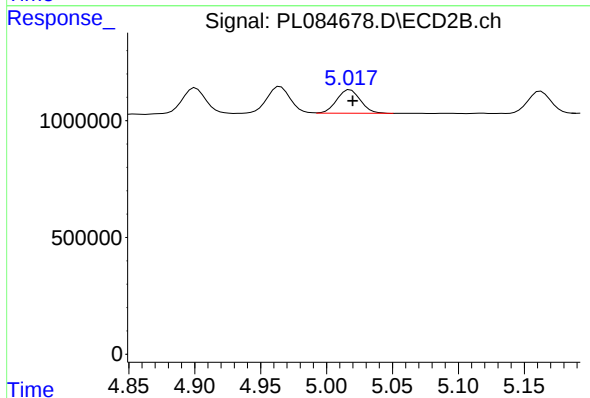
#9 Endosulfan I

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 3092387
Conc: 1.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2023

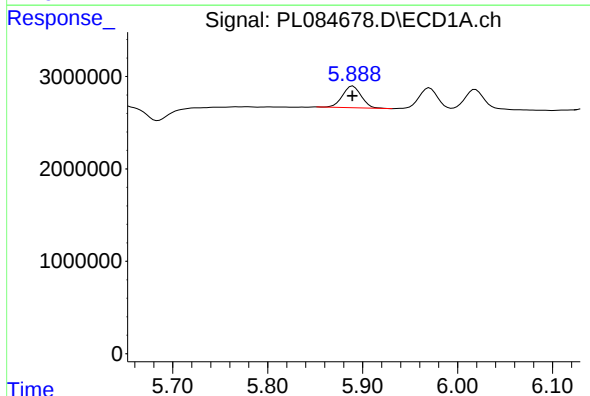
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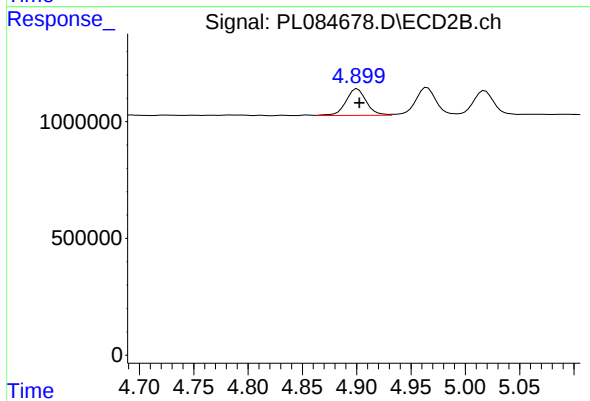
#9 Endosulfan I

R.T.: 5.017 min
Delta R.T.: -0.003 min
Response: 1252723
Conc: 1.01 ng/ml m



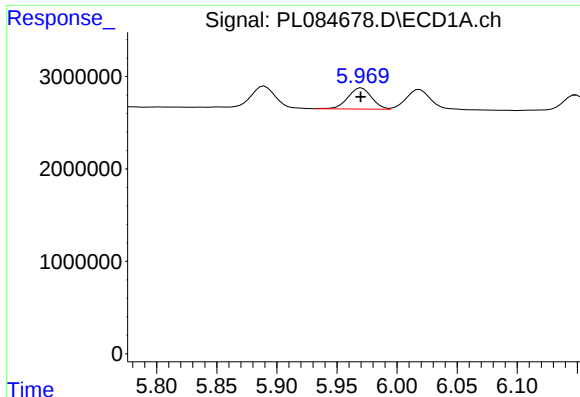
#10 gamma-Chlordane

R.T.: 5.890 min
Delta R.T.: 0.000 min
Response: 3228080
Conc: 1.13 ng/ml



#10 gamma-Chlordane

R.T.: 4.901 min
Delta R.T.: -0.002 min
Response: 1490509
Conc: 1.10 ng/ml



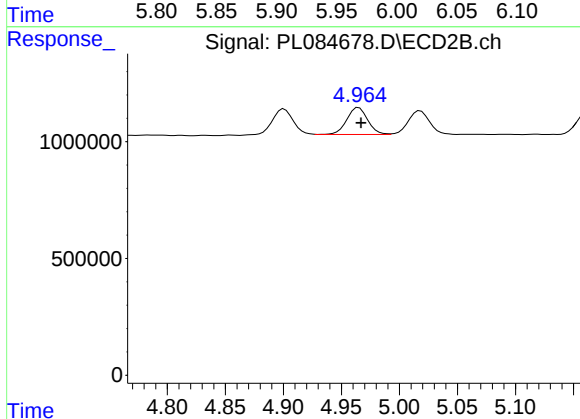
#11 alpha-Chlordane

R.T.: 5.971 min
Delta R.T.: 0.000 min
Response: 3135777
Conc: 1.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2023

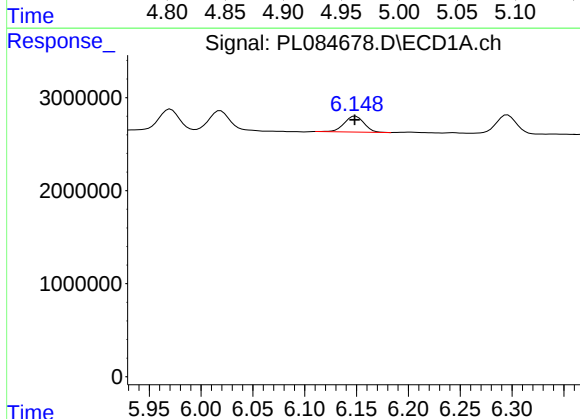
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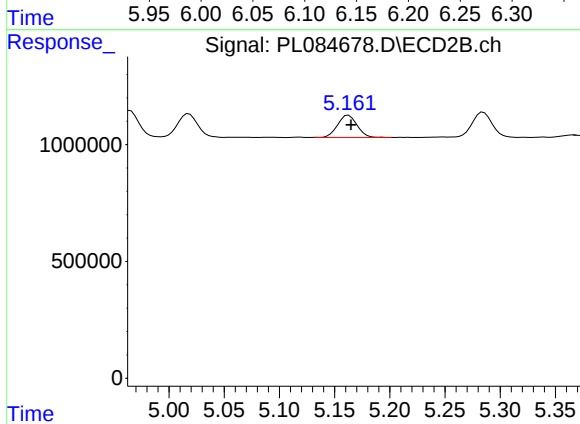
#11 alpha-Chlordane

R.T.: 4.964 min
Delta R.T.: -0.003 min
Response: 1453306
Conc: 1.07 ng/ml m



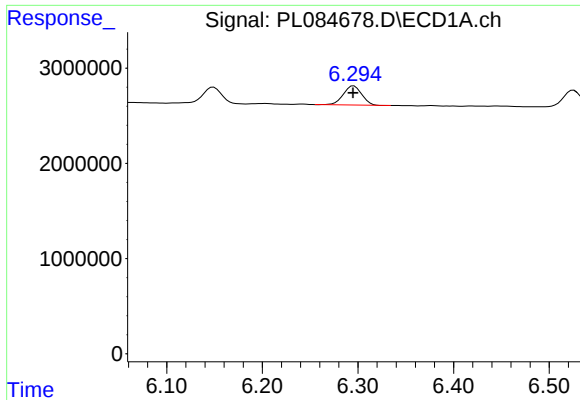
#12 4,4'-DDE

R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 2290430
Conc: 1.00 ng/ml



#12 4,4'-DDE

R.T.: 5.163 min
Delta R.T.: -0.002 min
Response: 1166735
Conc: 0.95 ng/ml



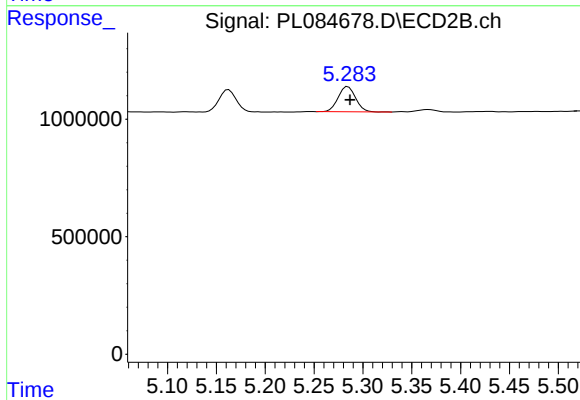
#13 Dieldrin

R.T.: 6.296 min
Delta R.T.: 0.000 min
Response: 2719701
Conc: 1.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2023

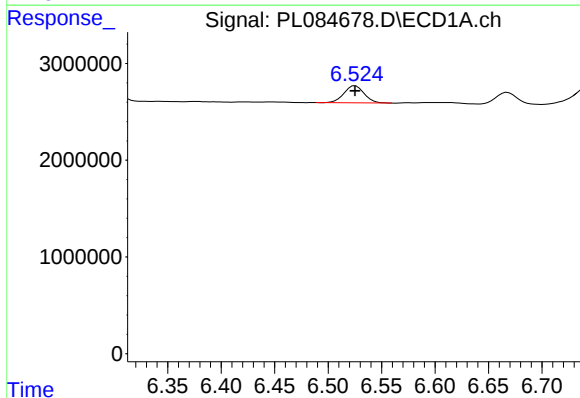
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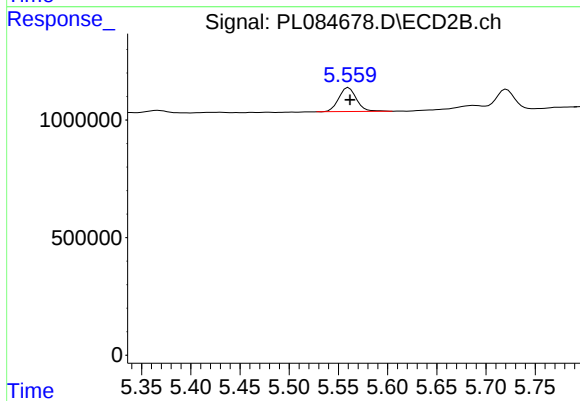
#13 Dieldrin

R.T.: 5.285 min
Delta R.T.: -0.002 min
Response: 1334717
Conc: 0.98 ng/ml



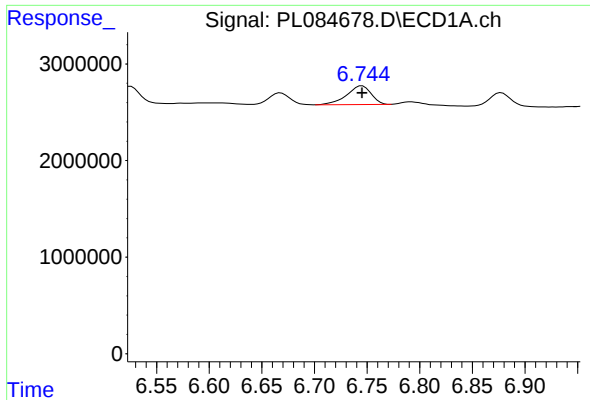
#14 Endrin

R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 2330518
Conc: 1.07 ng/ml



#14 Endrin

R.T.: 5.561 min
Delta R.T.: -0.001 min
Response: 1272608
Conc: 1.04 ng/ml



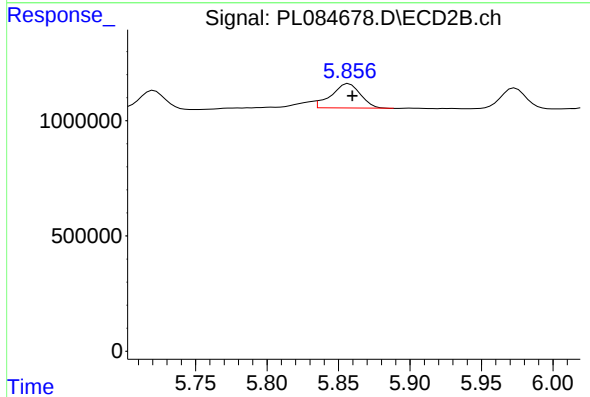
#15 Endosulfan II

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 3151499
Conc: 1.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2023

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#15 Endosulfan II

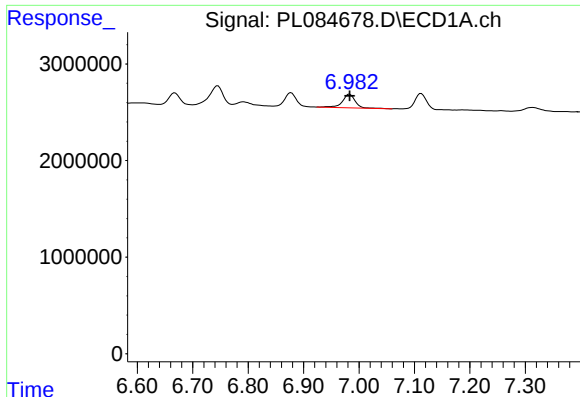
R.T.: 5.856 min
Delta R.T.: -0.004 min
Response: 1469270
Conc: 1.22 ng/ml m

#16 4,4'-DDD

R.T.: 6.666 min
Delta R.T.: 0.000 min
Response: 1643168
Conc: 0.98 ng/ml m

#16 4,4'-DDD

R.T.: 5.719 min
Delta R.T.: -0.003 min
Response: 904846
Conc: 0.88 ng/ml m



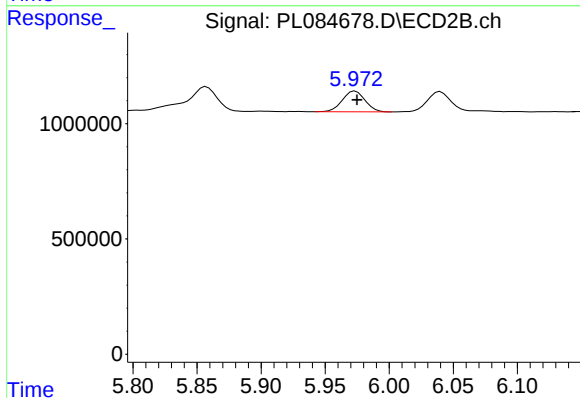
#17 4,4'-DDT

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 2287843
Conc: 1.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2023

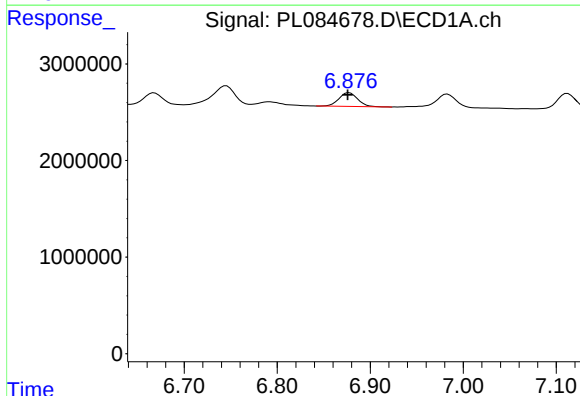
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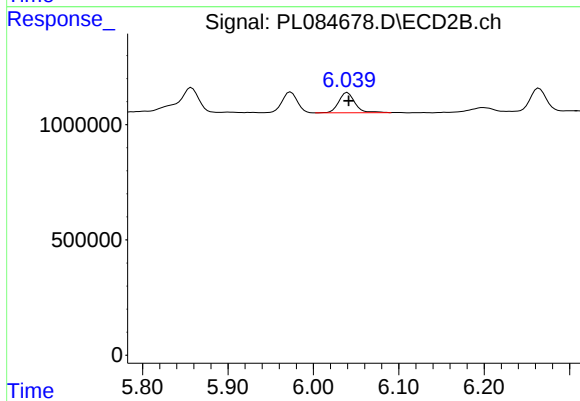
#17 4,4'-DDT

R.T.: 5.974 min
Delta R.T.: -0.001 min
Response: 1114032
Conc: 0.96 ng/ml



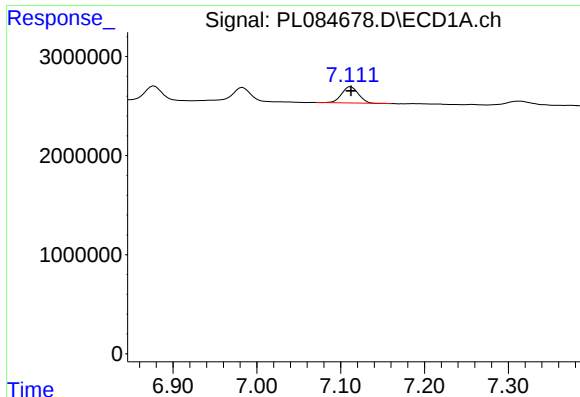
#18 Endrin aldehyde

R.T.: 6.878 min
Delta R.T.: 0.002 min
Response: 1997170
Conc: 1.18 ng/ml



#18 Endrin aldehyde

R.T.: 6.040 min
Delta R.T.: -0.001 min
Response: 1158802
Conc: 1.17 ng/ml



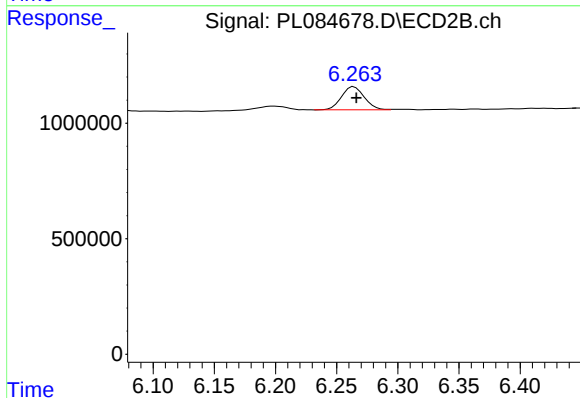
#19 Endosulfan Sulfate

R.T.: 7.112 min
Delta R.T.: 0.000 min
Response: 2270888
Conc: 1.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2023

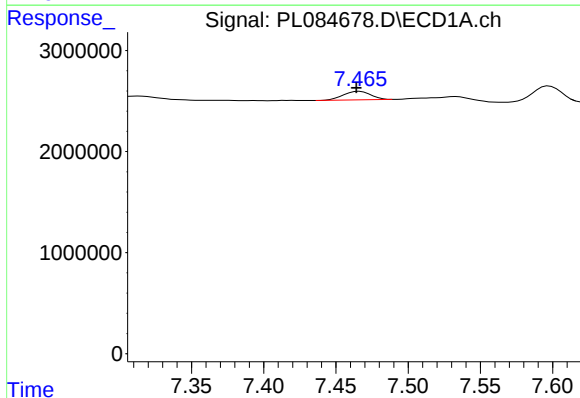
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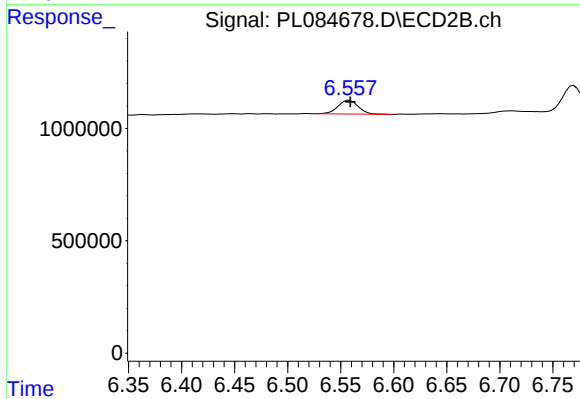
#19 Endosulfan Sulfate

R.T.: 6.264 min
Delta R.T.: -0.002 min
Response: 1296484
Conc: 1.09 ng/ml



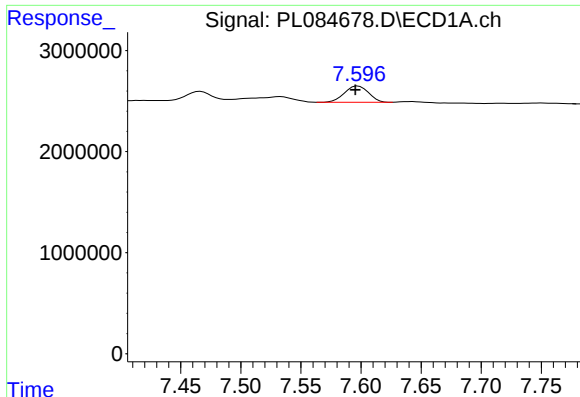
#20 Methoxychlor

R.T.: 7.465 min
Delta R.T.: 0.000 min
Response: 1114212
Conc: 1.16 ng/ml m



#20 Methoxychlor

R.T.: 6.558 min
Delta R.T.: -0.001 min
Response: 823710
Conc: 1.20 ng/ml



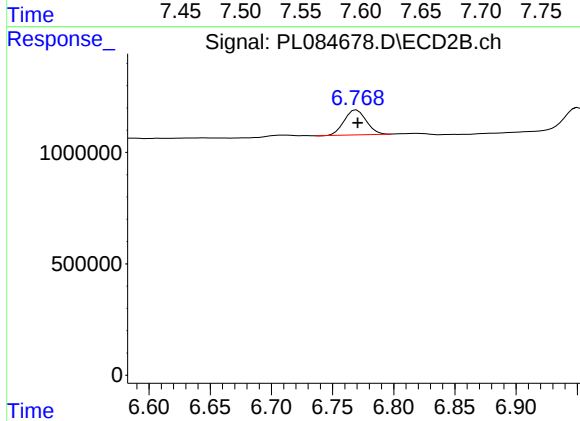
#21 Endrin ketone

R.T.: 7.598 min
Delta R.T.: 0.002 min
Response: 2252652
Conc: 1.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2023

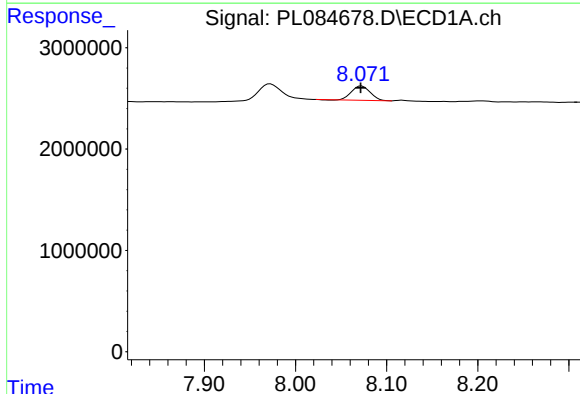
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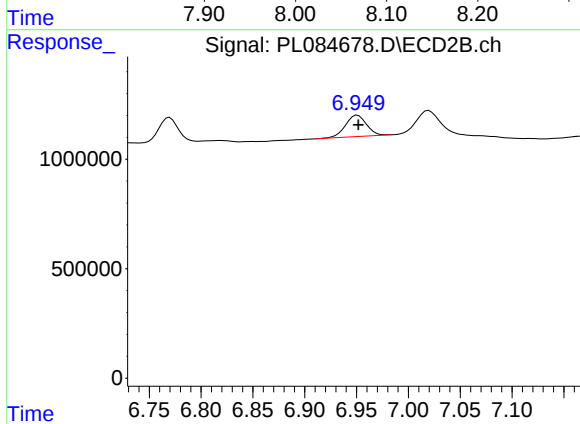
#21 Endrin ketone

R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 1401056
Conc: 0.97 ng/ml



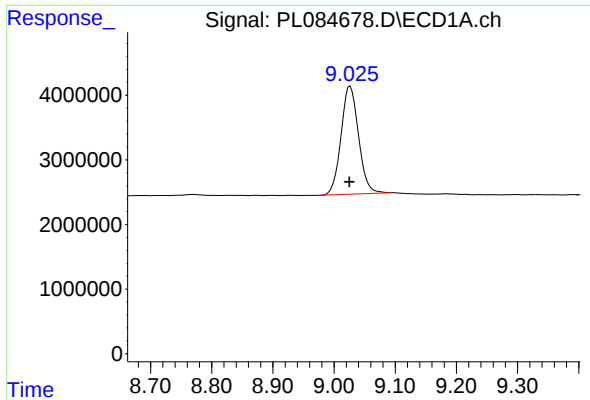
#22 Mirex

R.T.: 8.073 min
Delta R.T.: 0.001 min
Response: 2011283
Conc: 1.21 ng/ml



#22 Mirex

R.T.: 6.951 min
Delta R.T.: -0.001 min
Response: 1371319
Conc: 1.19 ng/ml



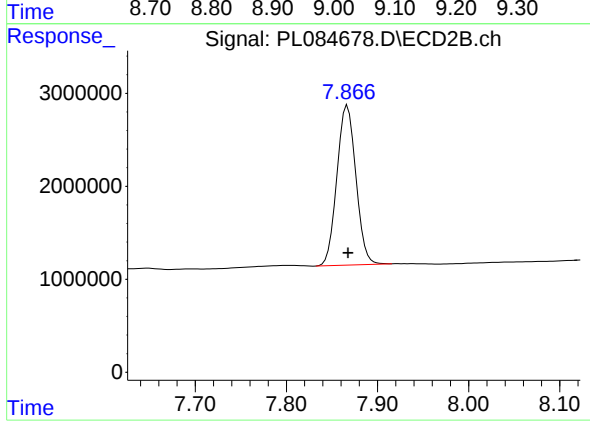
#28 Decachlorobiphenyl

R.T.: 9.026 min
Delta R.T.: 0.001 min
Response: 33260197
Conc: 20.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2023

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/14/2023
Supervised By :Ankita Jodhani 08/14/2023



#28 Decachlorobiphenyl

R.T.: 7.867 min
Delta R.T.: 0.000 min
Response: 24871820
Conc: 19.95 ng/ml