

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012524\
 Data File : PD080888.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jan 2024 12:11
 Operator : AR\AJ
 Sample : P1187-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-WATER-03-QT1-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/26/2024
 Supervised By :Ankita Jodhani 01/26/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 25 21:41:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 11:14:56 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.566	2.795	32469841	55141923	22.873	23.051
28) SA Decachlor...	9.113	7.934	48019176	64446806	23.861	24.195
Target Compounds						
2) A alpha-BHC	4.023	3.297	2533544	3997663	1.020	1.042
3) MA gamma-BHC...	4.357	3.627	2450852	3876210	1.001	1.037
4) MA Heptachlor	4.949	3.967	3153367	4150018	1.279	1.204
5) MB Aldrin	5.293	4.247	2761272	4050064	1.125	1.112m
6) B beta-BHC	4.551	3.922	1236821	1941237	1.222	1.242
7) B delta-BHC	4.799	4.152	2900241	4044405	1.156	1.078
8) B Heptachlo...	5.717	4.749	3317057	3785584	1.481m	1.130
9) A Endosulfan I	6.104	5.119	2572521	3526206	1.240m	1.151
10) B gamma-Chl...	5.974	4.999	2803085	3830506	1.280m	1.171
11) B alpha-Chl...	6.054	5.064	2838511	3918577	1.304m	1.199
12) B 4,4'-DDE	6.226	5.252	2471807	3353956	1.215	1.095
13) MA Dieldrin	6.382	5.384	2803823	3928595	1.269	1.155
14) MA Endrin	6.612	5.659	2307038	3747727	1.235	1.265
15) B Endosulfa...	6.830	5.951	2854842	3577871	1.474	1.244
16) A 4,4'-DDD	6.743	5.805	1927152	3074058	1.173	1.171
17) MA 4,4'-DDT	7.057	6.057	1970137	2610794	1.106m	0.984
18) B Endrin al...	6.960	6.131	1991904	2918386	1.309	1.294
19) B Endosulfa...	7.195	6.353	2625425	3531952	1.383	1.266
20) A Methoxychlor	7.532	6.631	1293267	1743522	1.256	1.114
21) B Endrin ke...	7.681	6.859	2853999	3723474	1.365	1.154
22) Mirex	8.157	7.043	2686386	3507006	1.629	1.392

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012524\
Data File : PD080888.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jan 2024 12:11
Operator : AR\AJ
Sample : P1187-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

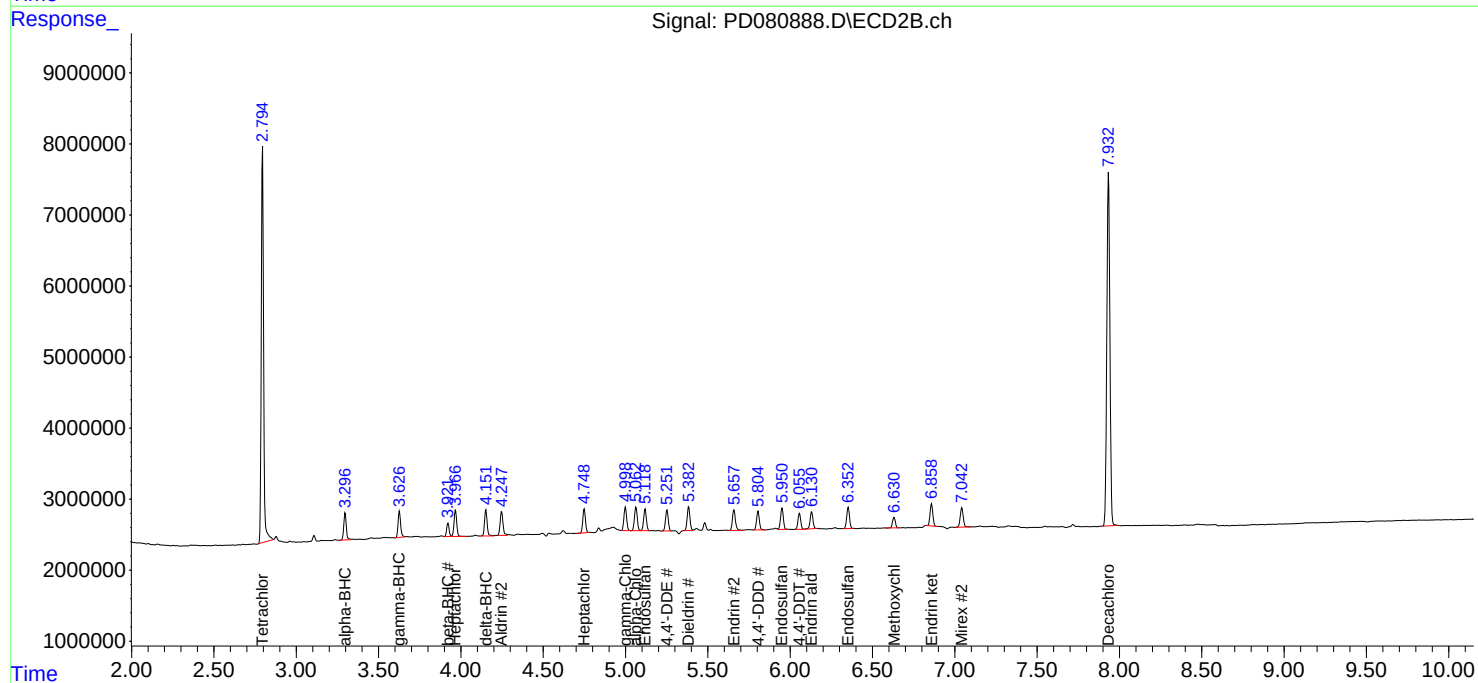
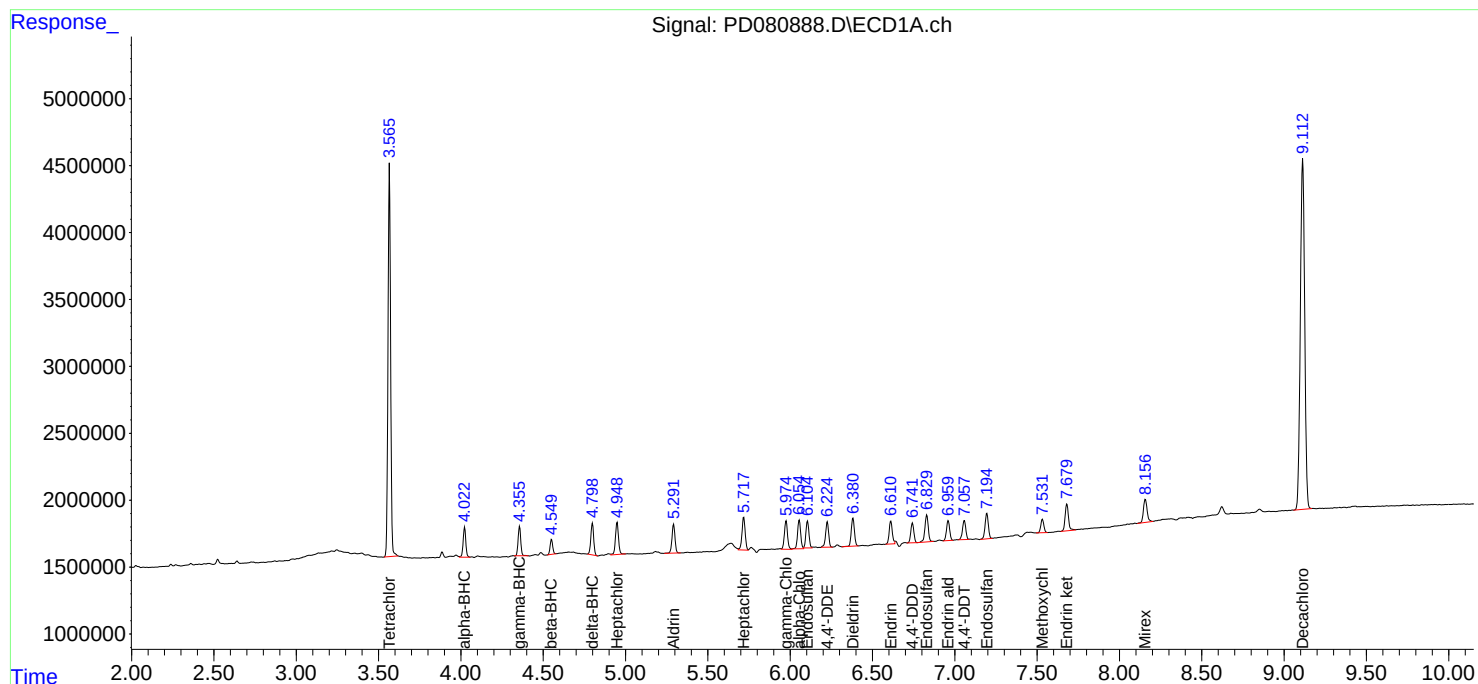
Instrument :
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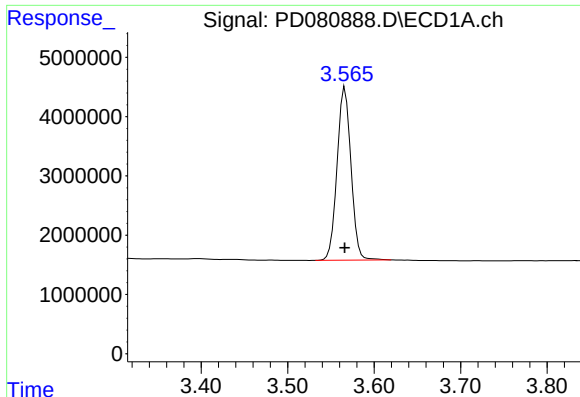
Manual Integrations
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Supervised By : Ankita Jodhani 01/26/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 25 21:41:35 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
Quant Title : GC Extractables
QLast Update : Thu Jan 25 11:14:56 2024
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





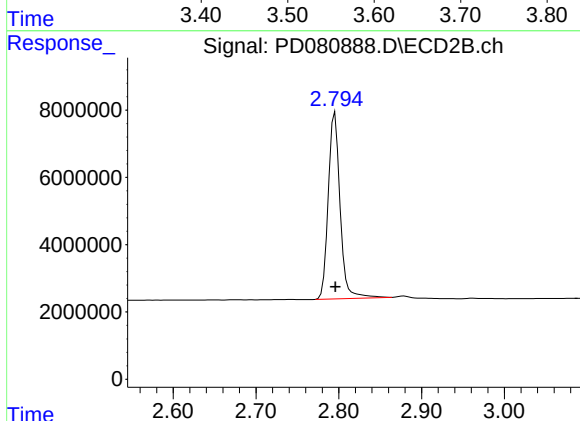
#1 Tetrachloro-m-xylene

R.T.: 3.566 min
Delta R.T.: 0.000 min
Response: 32469841
Conc: 22.87 ng/ml

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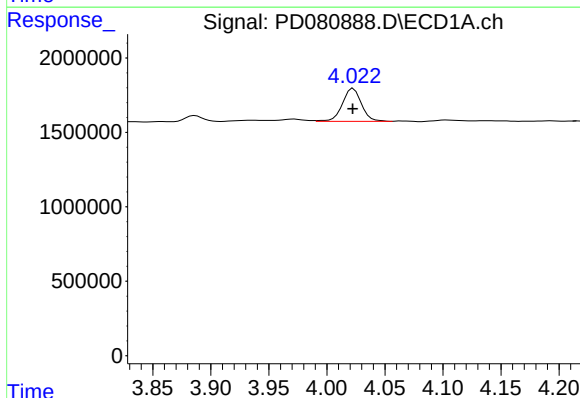
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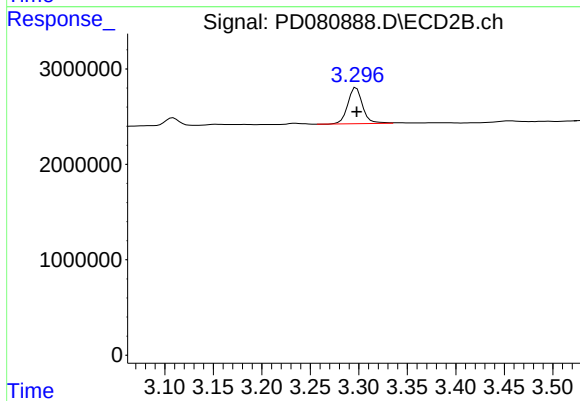
#1 Tetrachloro-m-xylene

R.T.: 2.795 min
Delta R.T.: 0.000 min
Response: 55141923
Conc: 23.05 ng/ml



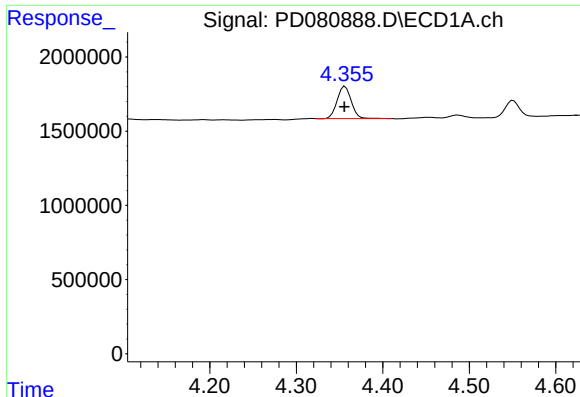
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 2533544
Conc: 1.02 ng/ml



#2 alpha-BHC

R.T.: 3.297 min
Delta R.T.: 0.000 min
Response: 3997663
Conc: 1.04 ng/ml



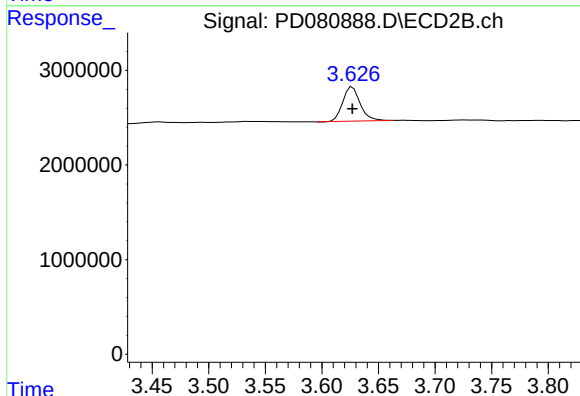
#3 gamma-BHC (Lindane)

R.T.: 4.357 min
Delta R.T.: 0.001 min
Response: 2450852
Conc: 1.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
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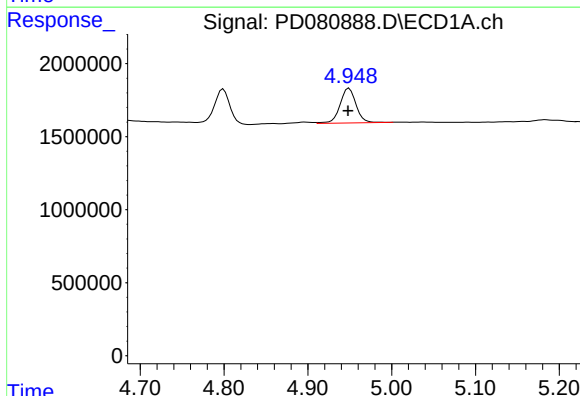
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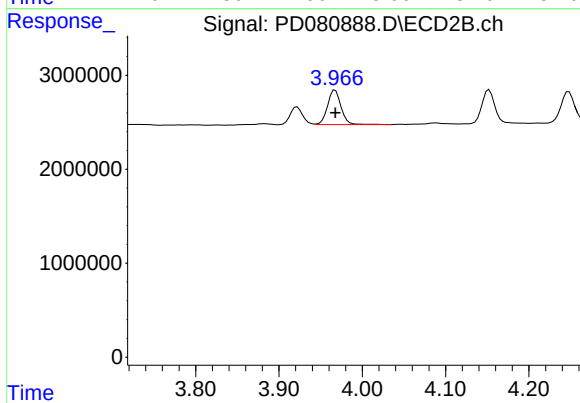
#3 gamma-BHC (Lindane)

R.T.: 3.627 min
Delta R.T.: 0.000 min
Response: 3876210
Conc: 1.04 ng/ml



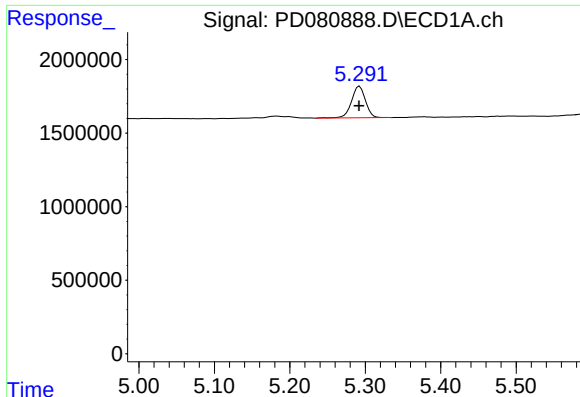
#4 Heptachlor

R.T.: 4.949 min
Delta R.T.: 0.001 min
Response: 3153367
Conc: 1.28 ng/ml



#4 Heptachlor

R.T.: 3.967 min
Delta R.T.: 0.000 min
Response: 4150018
Conc: 1.20 ng/ml



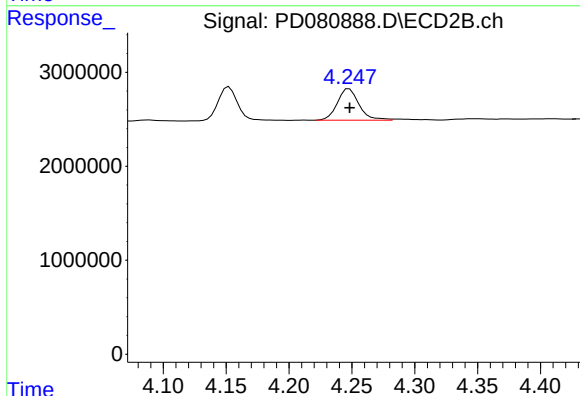
#5 Aldrin

R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 2761272
Conc: 1.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT1-2024

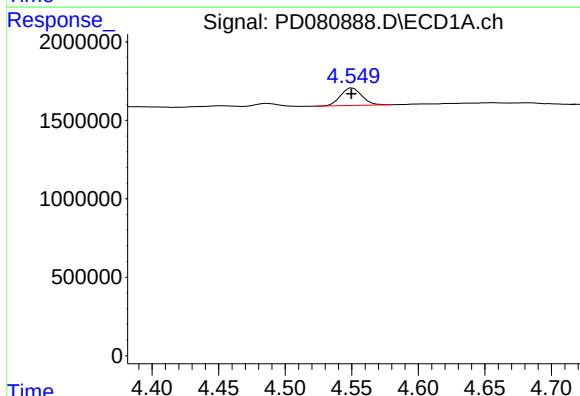
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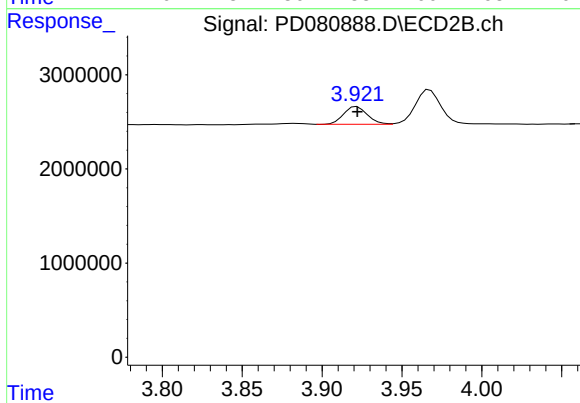
#5 Aldrin

R.T.: 4.247 min
Delta R.T.: -0.002 min
Response: 4050064
Conc: 1.11 ng/ml m



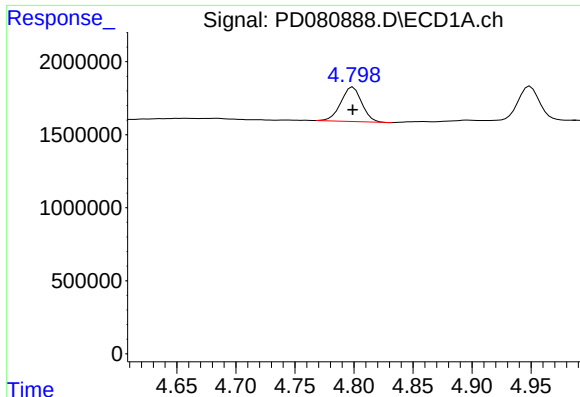
#6 beta-BHC

R.T.: 4.551 min
Delta R.T.: 0.001 min
Response: 1236821
Conc: 1.22 ng/ml



#6 beta-BHC

R.T.: 3.922 min
Delta R.T.: 0.000 min
Response: 1941237
Conc: 1.24 ng/ml



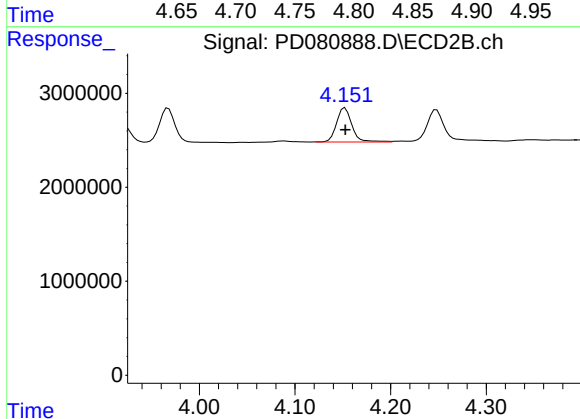
#7 delta-BHC

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 2900241
Conc: 1.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT1-2024

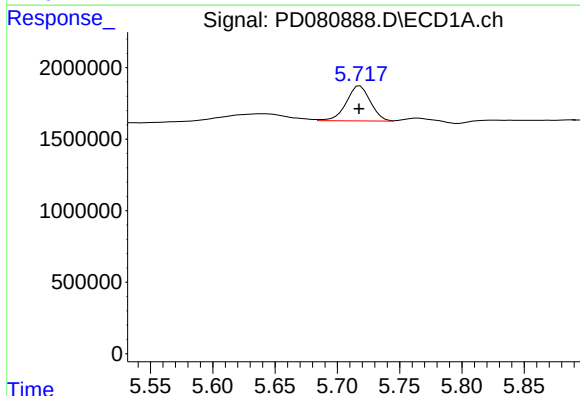
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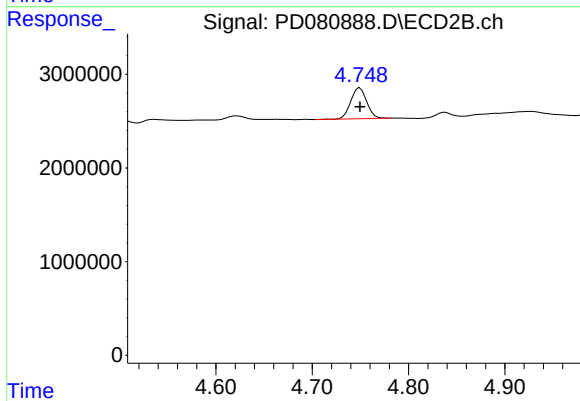
#7 delta-BHC

R.T.: 4.152 min
Delta R.T.: 0.000 min
Response: 4044405
Conc: 1.08 ng/ml



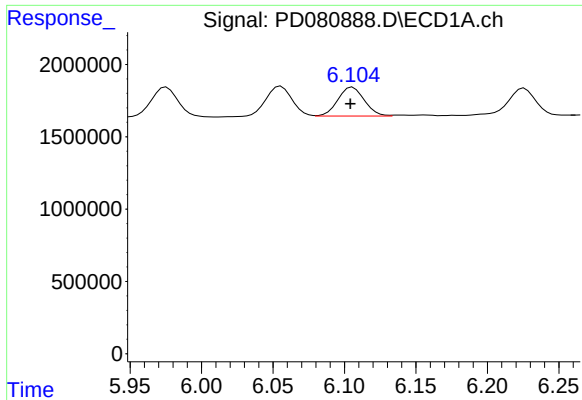
#8 Heptachlor epoxide

R.T.: 5.717 min
Delta R.T.: 0.000 min
Response: 3317057
Conc: 1.48 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.749 min
Delta R.T.: 0.000 min
Response: 3785584
Conc: 1.13 ng/ml



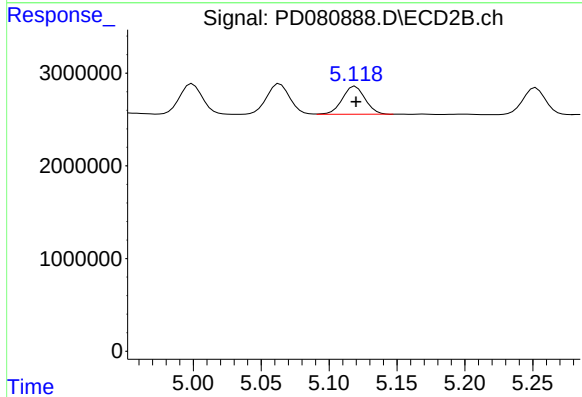
#9 Endosulfan I

R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 2572521
Conc: 1.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT1-2024

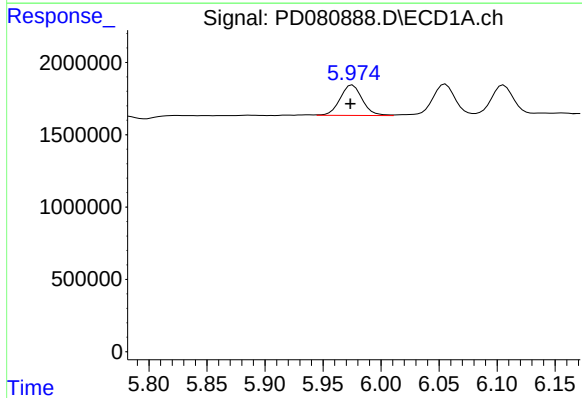
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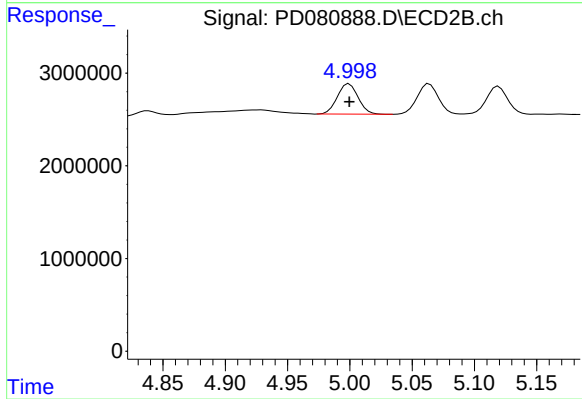
#9 Endosulfan I

R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 3526206
Conc: 1.15 ng/ml



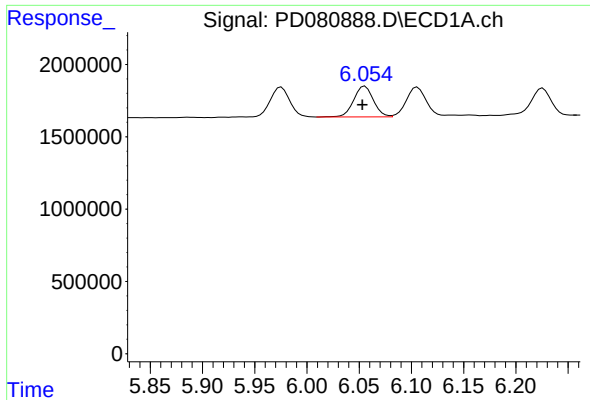
#10 gamma-Chlordane

R.T.: 5.974 min
Delta R.T.: 0.000 min
Response: 2803085
Conc: 1.28 ng/ml m



#10 gamma-Chlordane

R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 3830506
Conc: 1.17 ng/ml



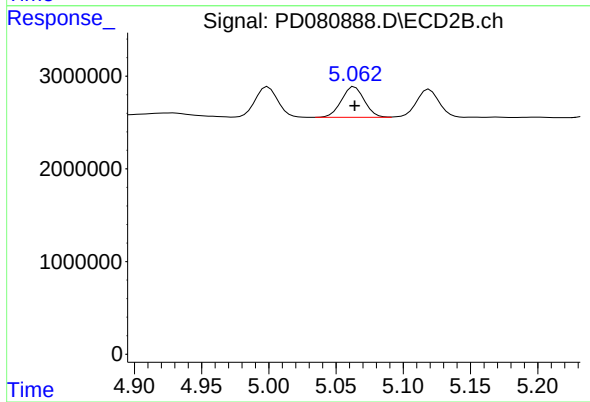
#11 alpha-Chlordane

R.T.: 6.054 min
Delta R.T.: 0.001 min
Response: 2838511
Conc: 1.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
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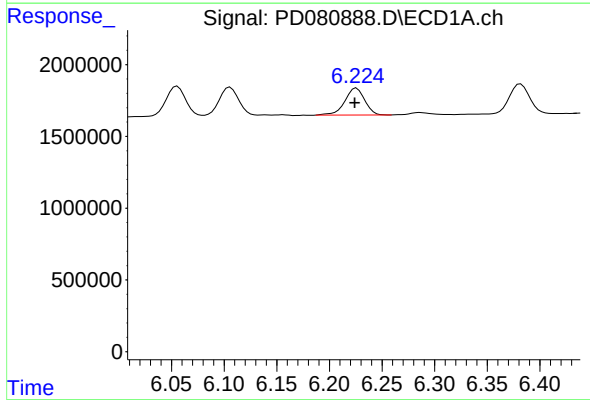
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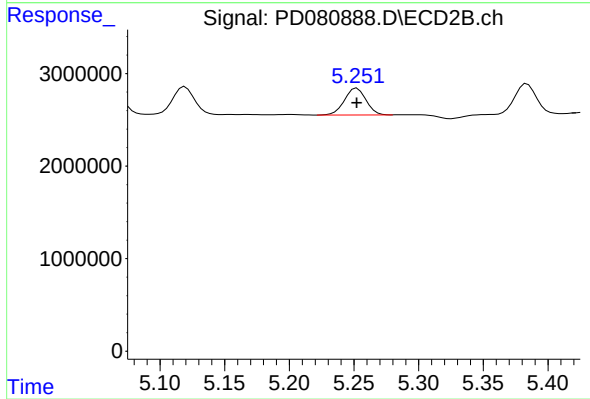
#11 alpha-Chlordane

R.T.: 5.064 min
Delta R.T.: 0.000 min
Response: 3918577
Conc: 1.20 ng/ml



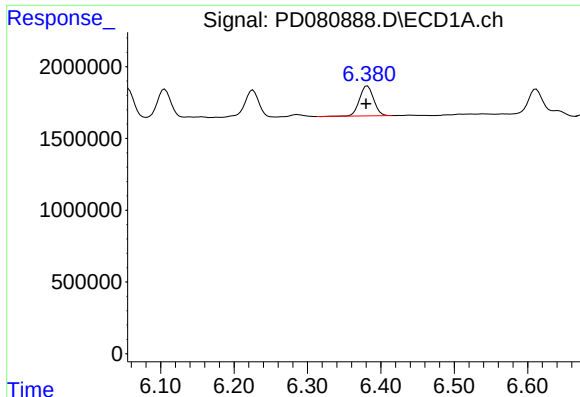
#12 4,4'-DDE

R.T.: 6.226 min
Delta R.T.: 0.002 min
Response: 2471807
Conc: 1.21 ng/ml



#12 4,4'-DDE

R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 3353956
Conc: 1.09 ng/ml



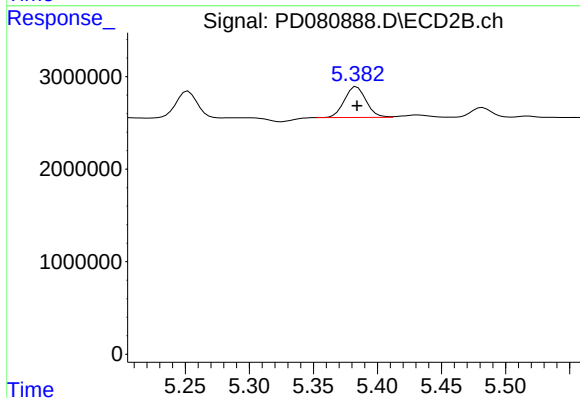
#13 Dieldrin

R.T.: 6.382 min
Delta R.T.: 0.002 min
Response: 2803823
Conc: 1.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT1-2024

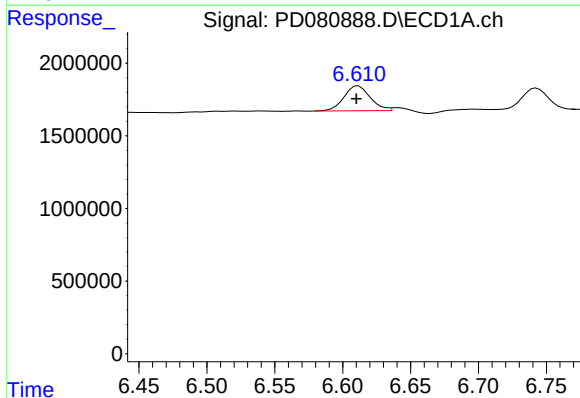
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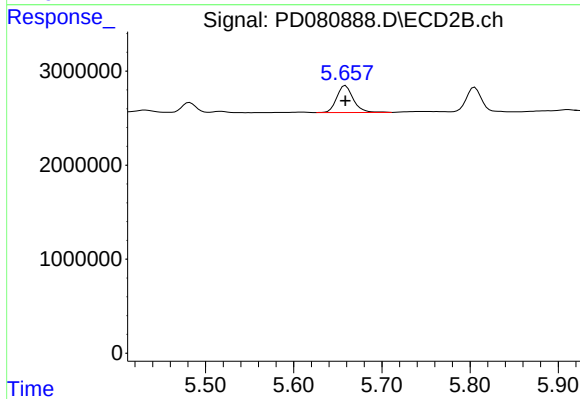
#13 Dieldrin

R.T.: 5.384 min
Delta R.T.: 0.000 min
Response: 3928595
Conc: 1.16 ng/ml



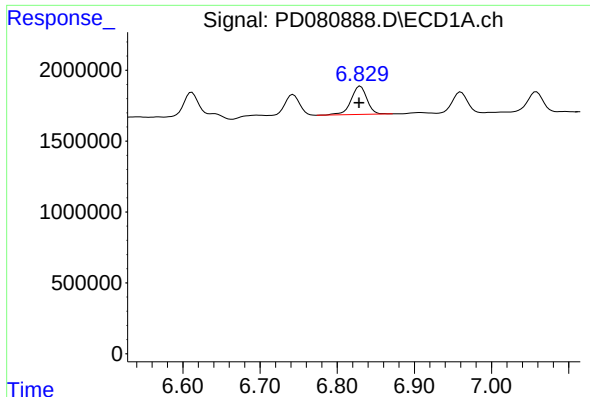
#14 Endrin

R.T.: 6.612 min
Delta R.T.: 0.001 min
Response: 2307038
Conc: 1.24 ng/ml



#14 Endrin

R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 3747727
Conc: 1.26 ng/ml



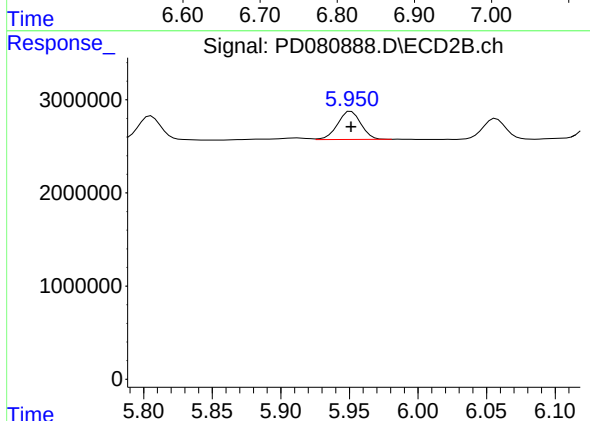
#15 Endosulfan II

R.T.: 6.830 min
Delta R.T.: 0.002 min
Response: 2854842
Conc: 1.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
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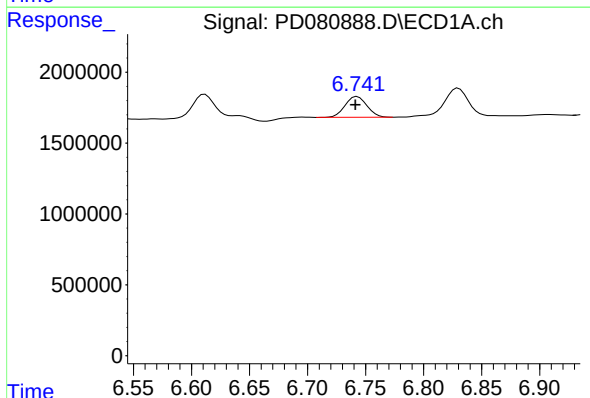
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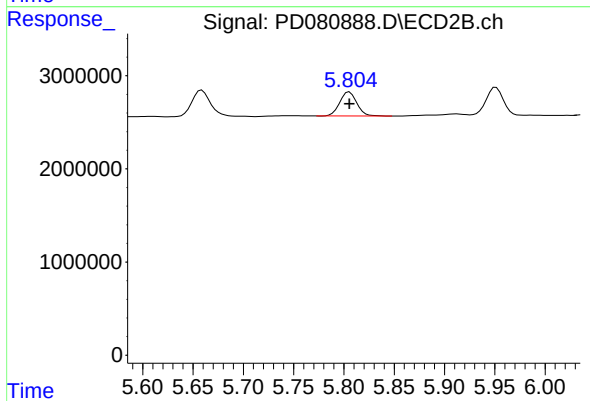
#15 Endosulfan II

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 3577871
Conc: 1.24 ng/ml



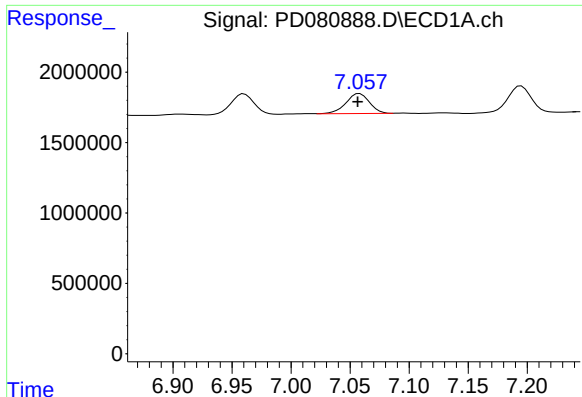
#16 4,4'-DDD

R.T.: 6.743 min
Delta R.T.: 0.002 min
Response: 1927152
Conc: 1.17 ng/ml



#16 4,4'-DDD

R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 3074058
Conc: 1.17 ng/ml



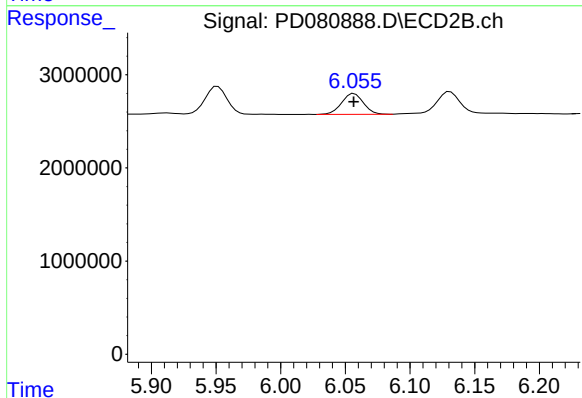
#17 4,4'-DDT

R.T.: 7.057 min
Delta R.T.: 0.000 min
Response: 1970137
Conc: 1.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT1-2024

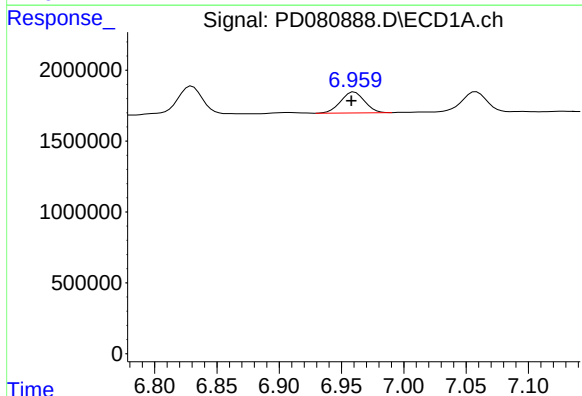
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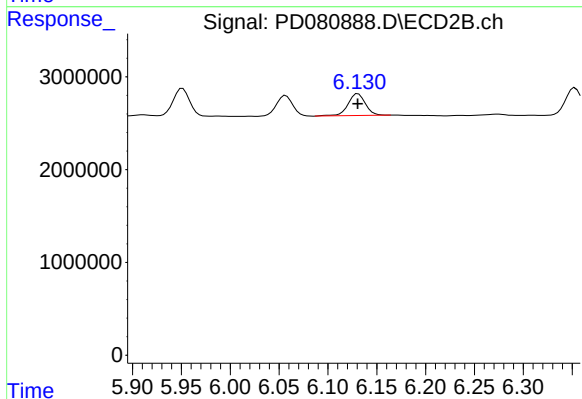
#17 4,4'-DDT

R.T.: 6.057 min
Delta R.T.: 0.000 min
Response: 2610794
Conc: 0.98 ng/ml



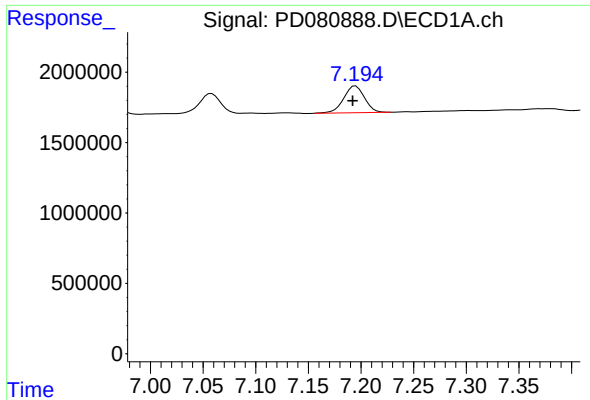
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: 0.003 min
Response: 1991904
Conc: 1.31 ng/ml



#18 Endrin aldehyde

R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 2918386
Conc: 1.29 ng/ml



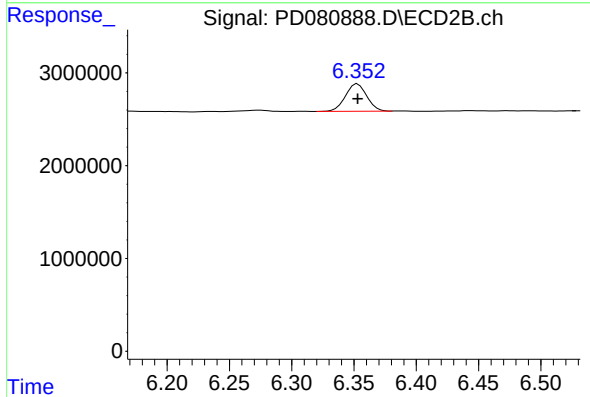
#19 Endosulfan Sulfate

R.T.: 7.195 min
Delta R.T.: 0.003 min
Response: 2625425
Conc: 1.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT1-2024

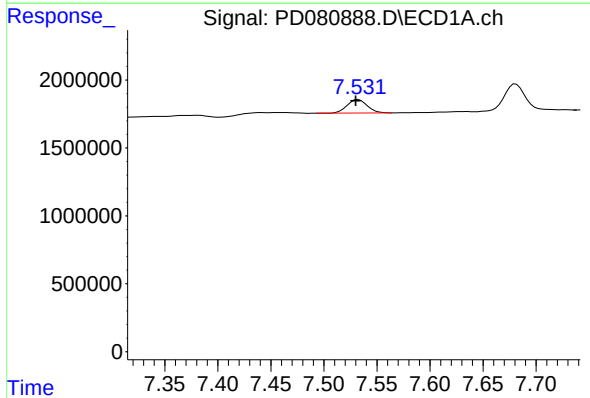
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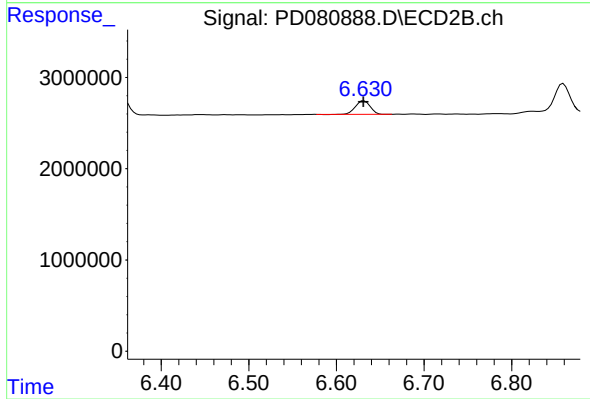
#19 Endosulfan Sulfate

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 3531952
Conc: 1.27 ng/ml



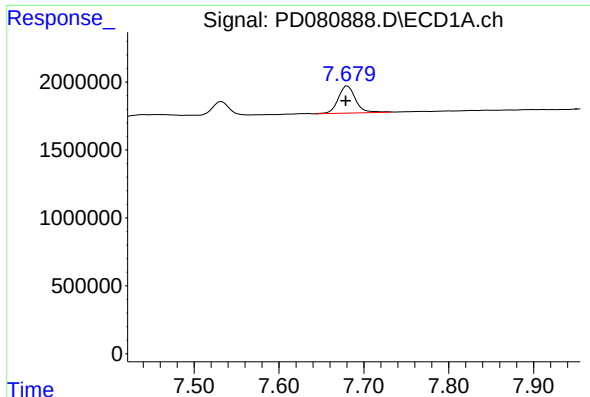
#20 Methoxychlor

R.T.: 7.532 min
Delta R.T.: 0.002 min
Response: 1293267
Conc: 1.26 ng/ml



#20 Methoxychlor

R.T.: 6.631 min
Delta R.T.: 0.000 min
Response: 1743522
Conc: 1.11 ng/ml



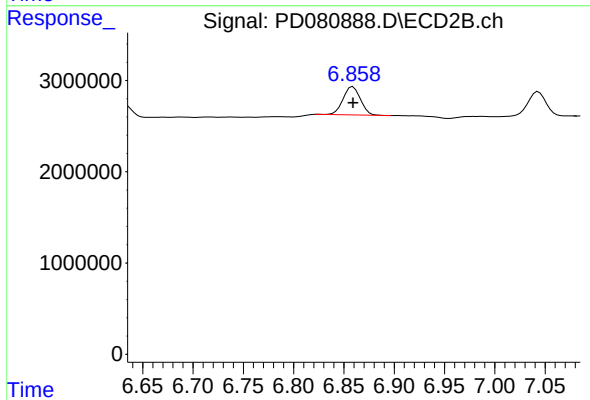
#21 Endrin ketone

R.T.: 7.681 min
Delta R.T.: 0.002 min
Response: 2853999
Conc: 1.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT1-2024

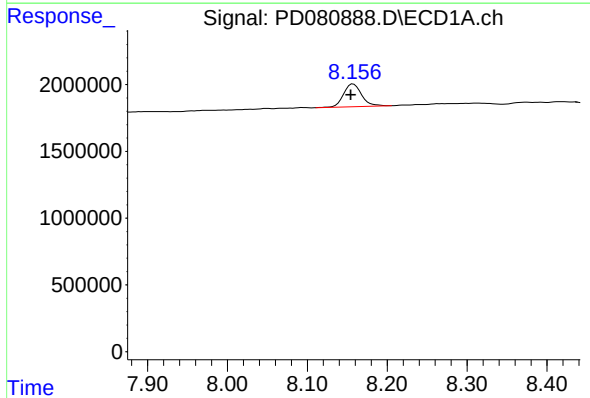
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Supervised By :Ankita Jodhani 01/26/2024



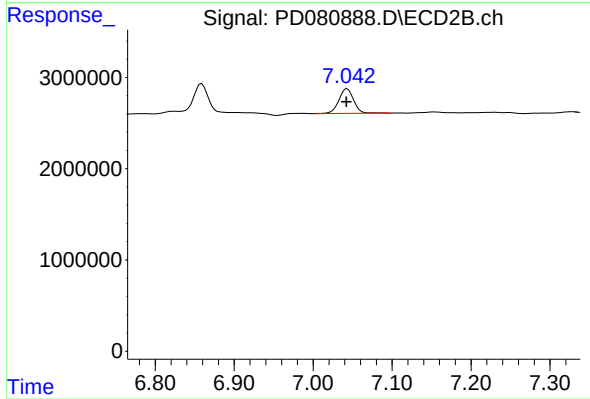
#21 Endrin ketone

R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 3723474
Conc: 1.15 ng/ml



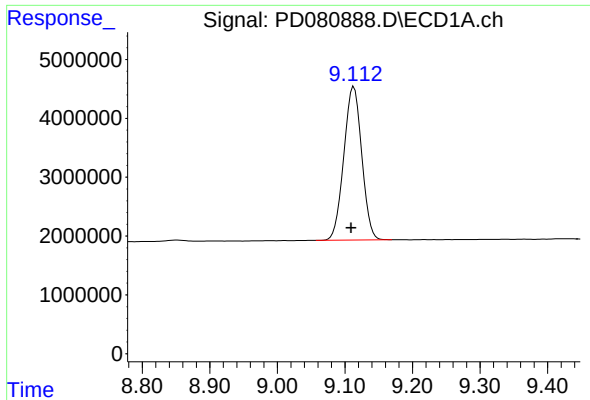
#22 Mirex

R.T.: 8.157 min
Delta R.T.: 0.003 min
Response: 2686386
Conc: 1.63 ng/ml



#22 Mirex

R.T.: 7.043 min
Delta R.T.: 0.001 min
Response: 3507006
Conc: 1.39 ng/ml



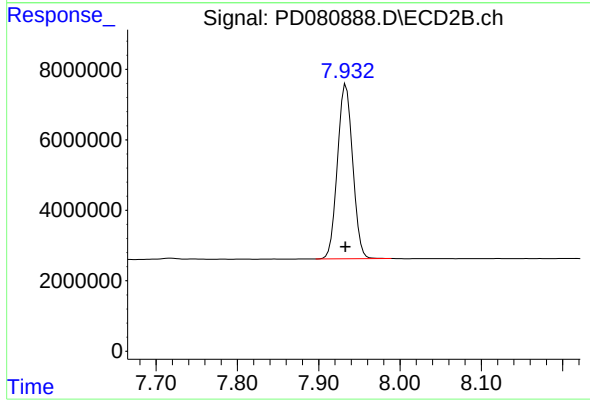
#28 Decachlorobiphenyl

R.T.: 9.113 min
Delta R.T.: 0.004 min
Response: 48019176
Conc: 23.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT1-2024

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/26/2024
Supervised By :Ankita Jodhani 01/26/2024



#28 Decachlorobiphenyl

R.T.: 7.934 min
Delta R.T.: 0.000 min
Response: 64446806
Conc: 24.20 ng/ml