

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080224\
 Data File : PD084186.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2024 11:00
 Operator : AR\AJ
 Sample : P3390-07
 Misc : PEST LOD 1PPB/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/05/2024
 Supervised By :Ankita Jodhani 08/05/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 23:49:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071524.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 16 04:22:06 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...	3.581	2.771	18686084	107.5E6	18.275	18.689
28)	SA Decachlor...	9.134	7.894	40678720	129.5E6	17.819m	20.159
Target Compounds							
2)	A alpha-BHC	4.037f	3.270	1618200	8700480	0.824m	0.981
3)	MA gamma-BHC...	4.371f	3.598	1721970	8713550	0.891m	1.090
4)	MA Heptachlor	4.963f	3.936	1853430	8402116	0.932m	1.034
5)	MB Aldrin	5.307f	4.215	2057060	8166344	1.011	1.017
6)	B beta-BHC	4.569f	3.894	780536	3488073	0.984m	0.991m
7)	B delta-BHC	4.816f	4.123	3261308	8547511	1.794m	1.027m#
8)	B Heptachlo...	5.734f	4.716	2222506	8836920	1.247m	1.230
9)	A Endosulfan I	6.124f	5.083	2093710	7411421	1.083	1.075m
10)	B gamma-Chl...	5.992f	4.965	2044997	8621699	1.023m	1.137
11)	B alpha-Chl...	6.071f	5.029	1911036	8559606	0.958m	1.146
12)	B 4,4'-DDE	6.244f	5.215	2037150	7885197	1.022	1.107m
13)	MA Dieldrin	6.399f	5.347	2029500	8559700	0.984	1.140m
14)	MA Endrin	6.629f	5.624	1582873	7184037	0.887m	1.086
15)	B Endosulfa...	6.848f	5.918	1841397	7330465	0.964m	1.147
16)	A 4,4'-DDD	6.762f	5.770	1566235	6483173	1.034m	1.171
17)	MA 4,4'-DDT	7.078f	6.020	1224460	4832448	0.713	0.842
18)	B Endrin al...	6.980f	6.097	1660210	5977079	1.130m	1.191
19)	B Endosulfa...	7.215f	6.320	1693532	7221726	0.932m	1.180 #
20)	A Methoxychlor	7.555f	6.595	732579	2663033	0.743	0.903
21)	B Endrin ke...	7.702f	6.825	1993975	7961637	0.965	1.176
22)	Mirex	8.178f	7.005	1811319	6687114	1.112m	1.234

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

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Data File : PD084186.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2024 11:00
Operator : AR\AJ
Sample : P3390-07
Misc : PEST LOD 1PPB/WATER
ALS Vial : 8 Sample Multiplier: 1

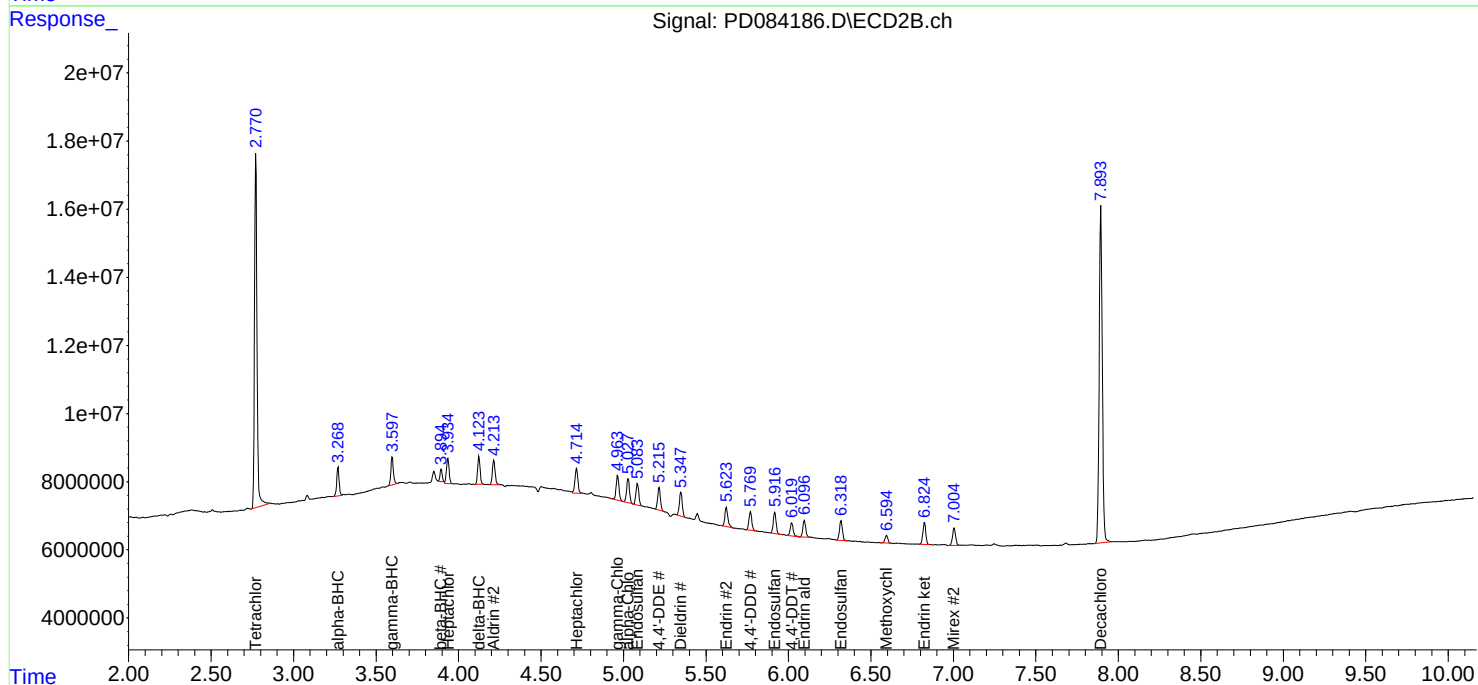
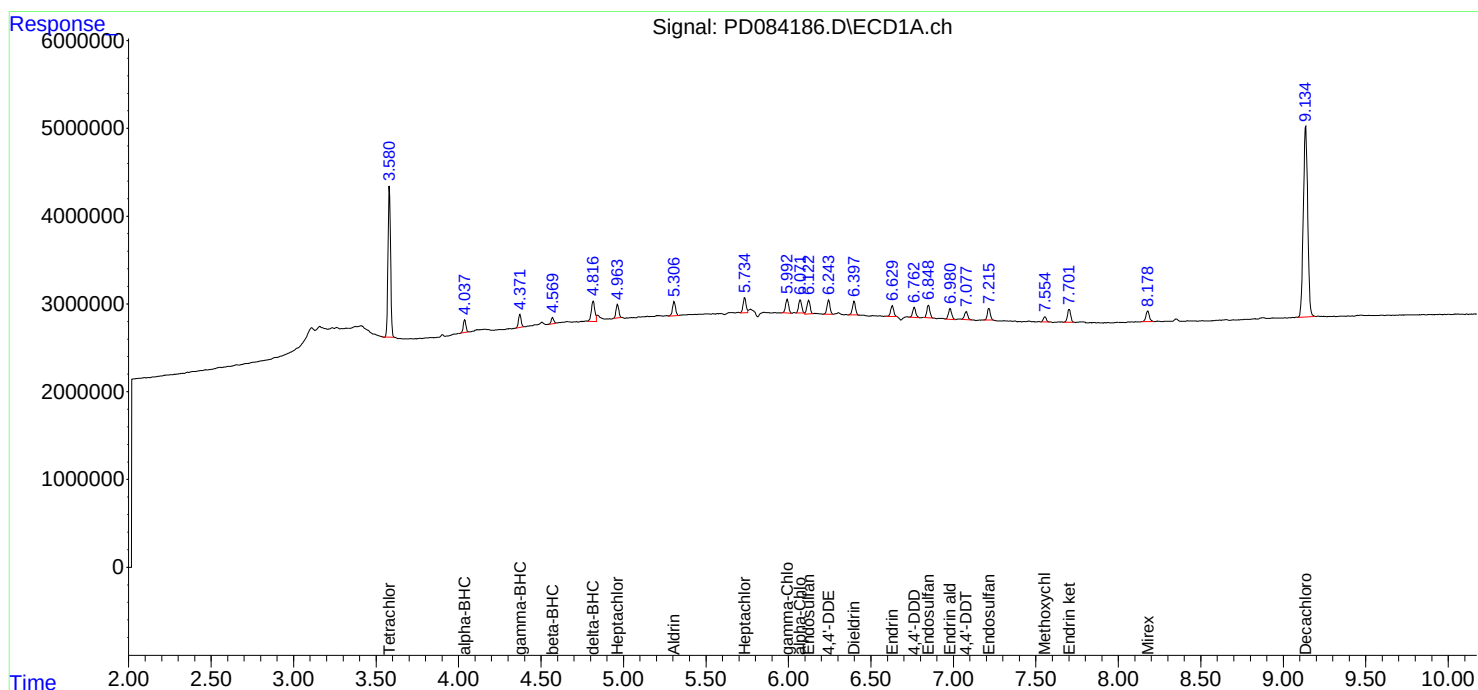
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

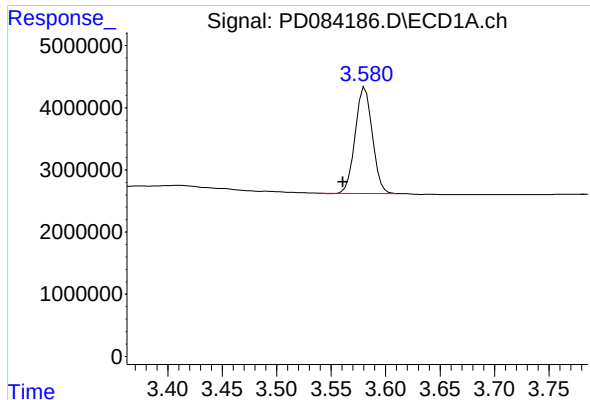
Manual Integrations
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Supervised By : Ankita Jodhani 08/05/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 23:49:26 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071524.M
Quant Title : GC Extractables
QLast Update : Tue Jul 16 04:22:06 2024
Response via : Initial Calibration
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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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





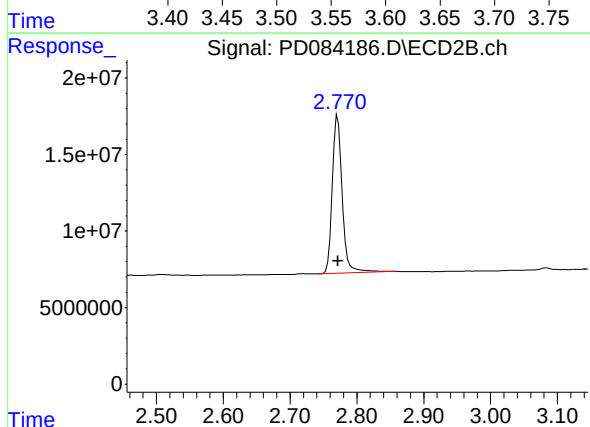
#1 Tetrachloro-m-xylene

R.T.: 3.581 min
Delta R.T.: 0.020 min
Response: 18686084
Conc: 18.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

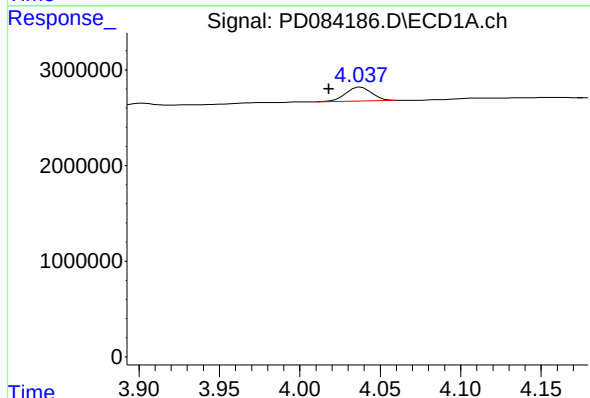
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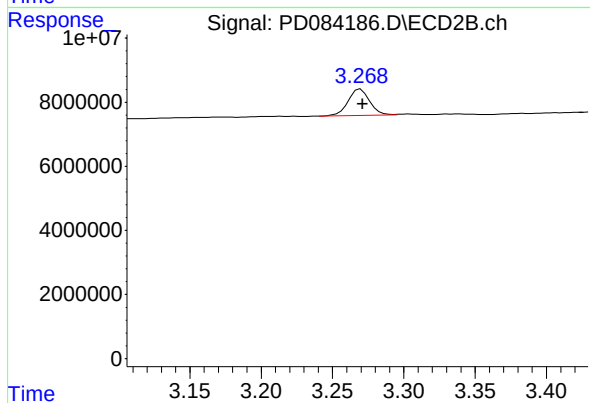
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 107457147
Conc: 18.69 ng/ml



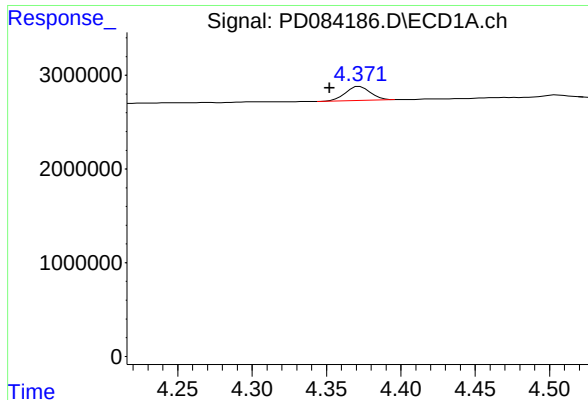
#2 alpha-BHC

R.T.: 4.037 min
Delta R.T.: 0.018 min
Response: 1618200
Conc: 0.82 ng/ml m



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: -0.001 min
Response: 8700480
Conc: 0.98 ng/ml



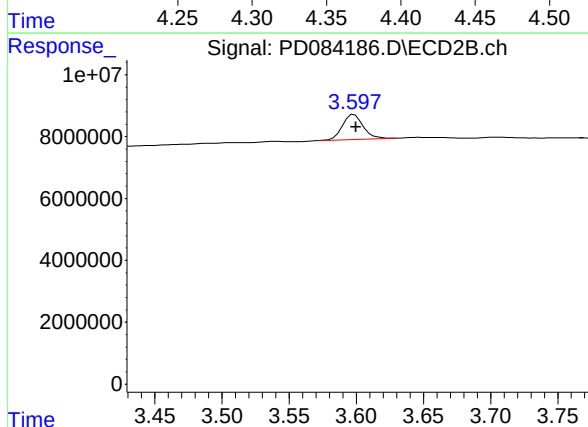
#3 gamma-BHC (Lindane)

R.T.: 4.371 min
Delta R.T.: 0.019 min
Response: 1721970
Conc: 0.89 ng/ml

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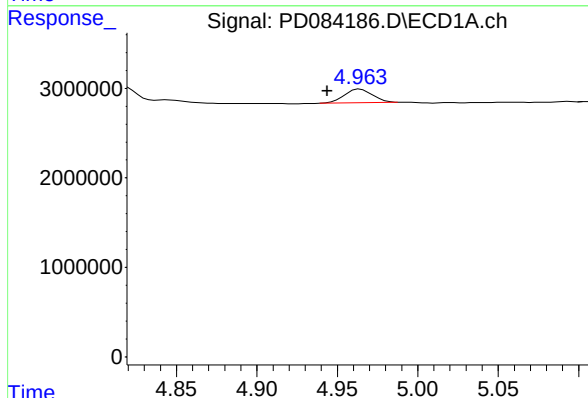
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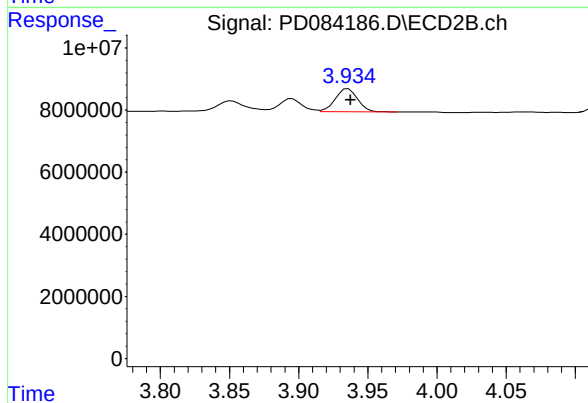
#3 gamma-BHC (Lindane)

R.T.: 3.598 min
Delta R.T.: -0.001 min
Response: 8713550
Conc: 1.09 ng/ml



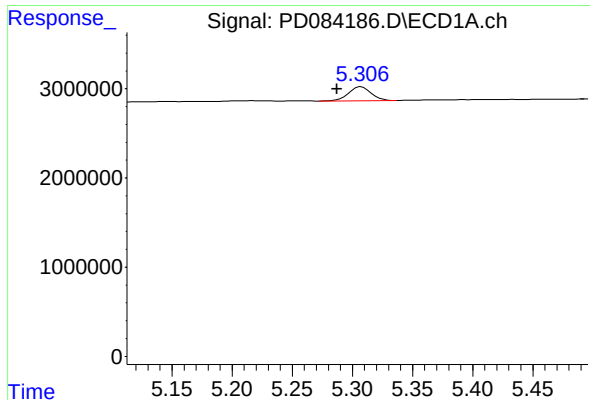
#4 Heptachlor

R.T.: 4.963 min
Delta R.T.: 0.019 min
Response: 1853430
Conc: 0.93 ng/ml m



#4 Heptachlor

R.T.: 3.936 min
Delta R.T.: -0.002 min
Response: 8402116
Conc: 1.03 ng/ml



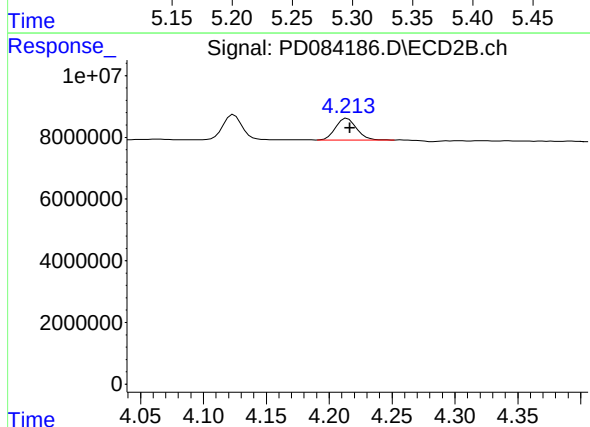
#5 Aldrin

R.T.: 5.307 min
Delta R.T.: 0.020 min
Response: 2057060
Conc: 1.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

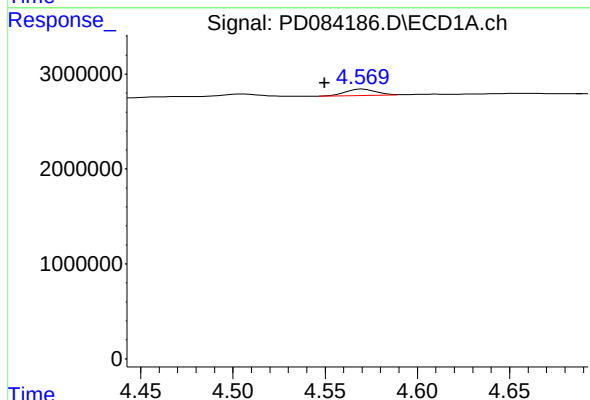
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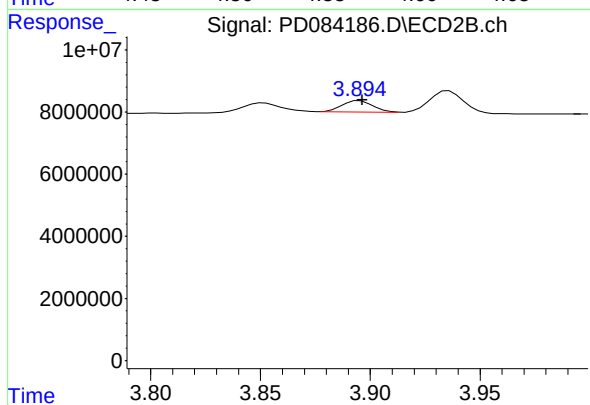
#5 Aldrin

R.T.: 4.215 min
Delta R.T.: -0.002 min
Response: 8166344
Conc: 1.02 ng/ml



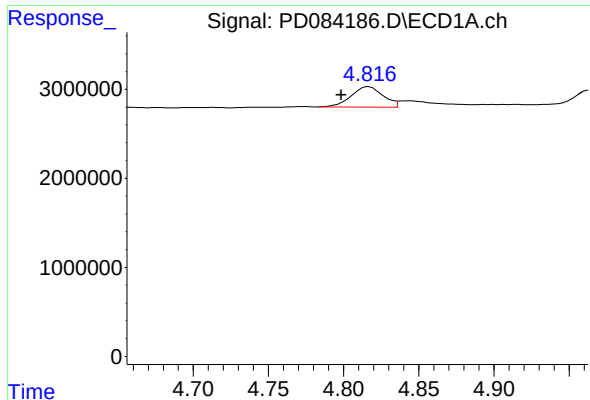
#6 beta-BHC

R.T.: 4.569 min
Delta R.T.: 0.019 min
Response: 780536
Conc: 0.98 ng/ml m



#6 beta-BHC

R.T.: 3.894 min
Delta R.T.: -0.003 min
Response: 3488073
Conc: 0.99 ng/ml m



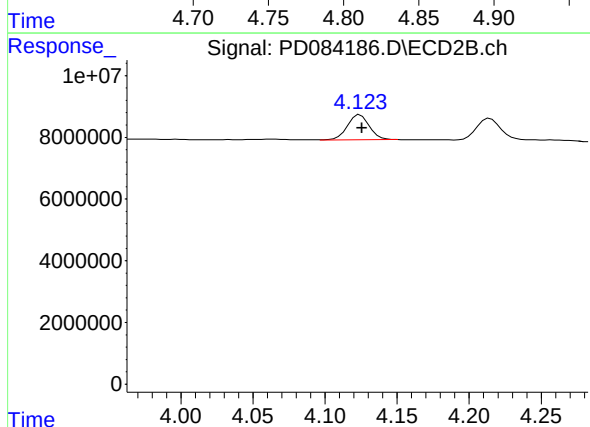
#7 delta-BHC

R.T.: 4.816 min
Delta R.T.: 0.017 min
Response: 3261308
Conc: 1.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

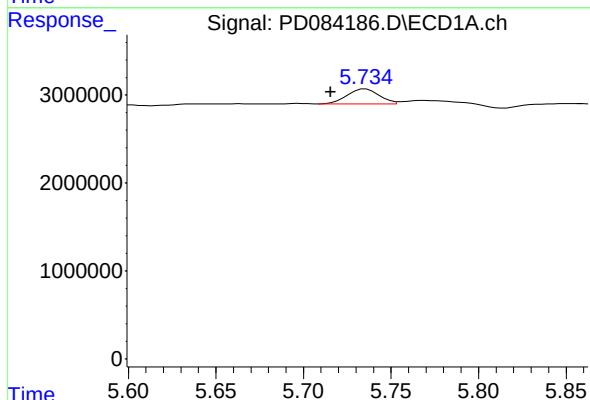
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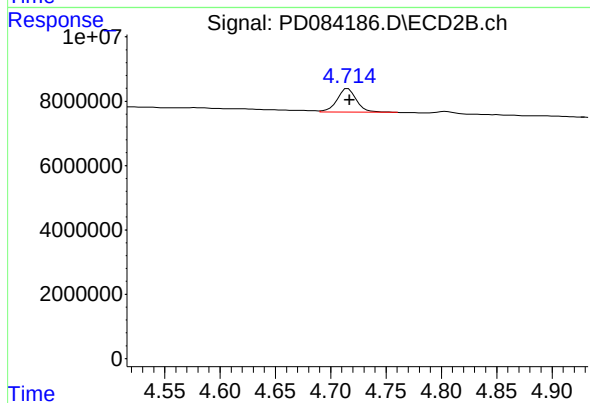
#7 delta-BHC

R.T.: 4.123 min
Delta R.T.: -0.003 min
Response: 8547511
Conc: 1.03 ng/ml m



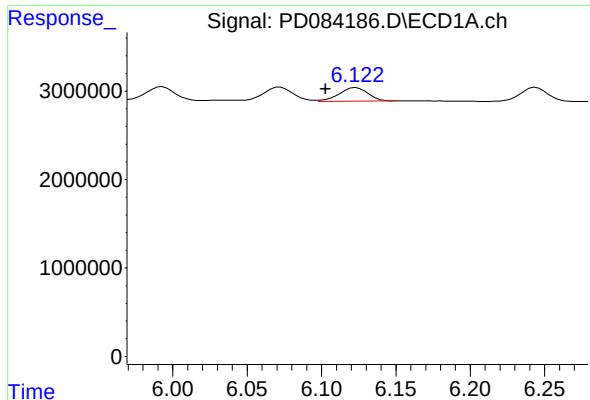
#8 Heptachlor epoxide

R.T.: 5.734 min
Delta R.T.: 0.019 min
Response: 2222506
Conc: 1.25 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.716 min
Delta R.T.: -0.001 min
Response: 8836920
Conc: 1.23 ng/ml



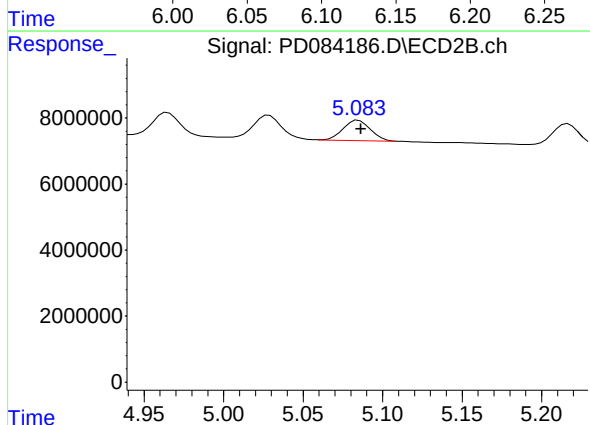
#9 Endosulfan I

R.T.: 6.124 min
Delta R.T.: 0.021 min
Response: 2093710
Conc: 1.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

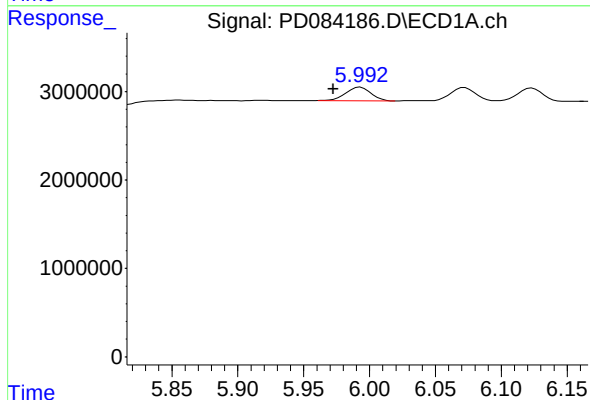
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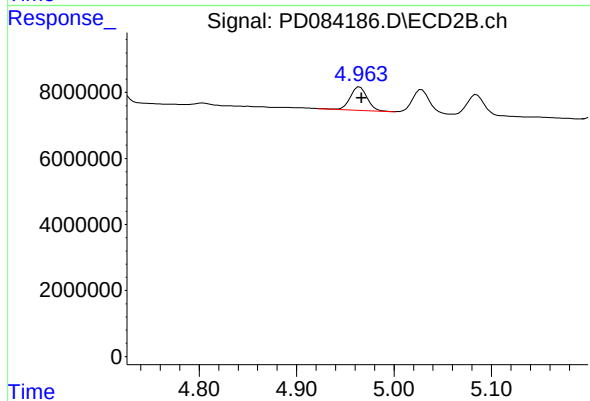
#9 Endosulfan I

R.T.: 5.083 min
Delta R.T.: -0.003 min
Response: 7411421
Conc: 1.07 ng/ml m



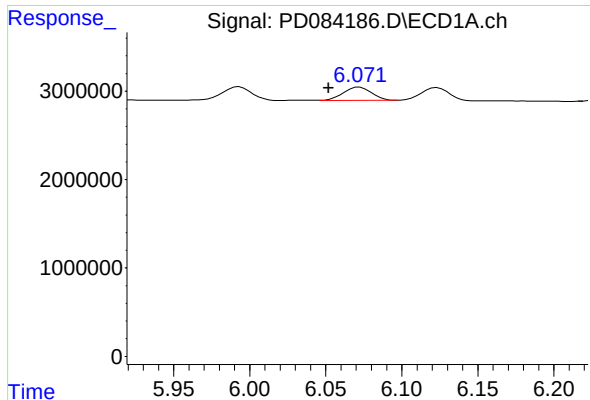
#10 gamma-Chlordane

R.T.: 5.992 min
Delta R.T.: 0.019 min
Response: 2044997
Conc: 1.02 ng/ml m



#10 gamma-Chlordane

R.T.: 4.965 min
Delta R.T.: -0.002 min
Response: 8621699
Conc: 1.14 ng/ml



#11 alpha-Chlordane

R.T.: 6.071 min
Delta R.T.: 0.019 min
Response: 1911036
Conc: 0.96 ng/ml

Instrument :

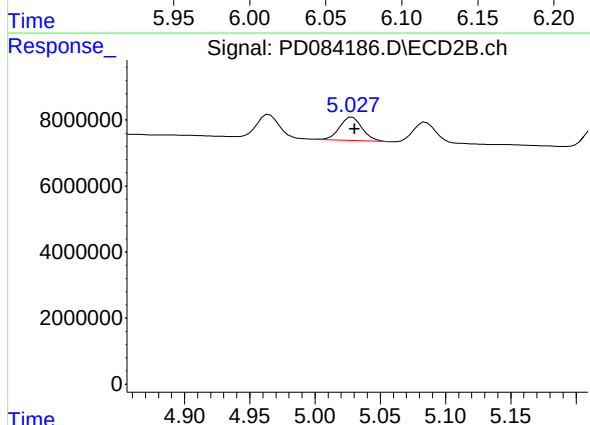
ECD_D

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

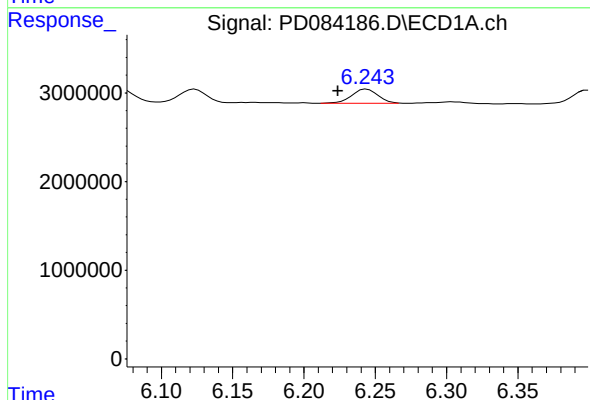
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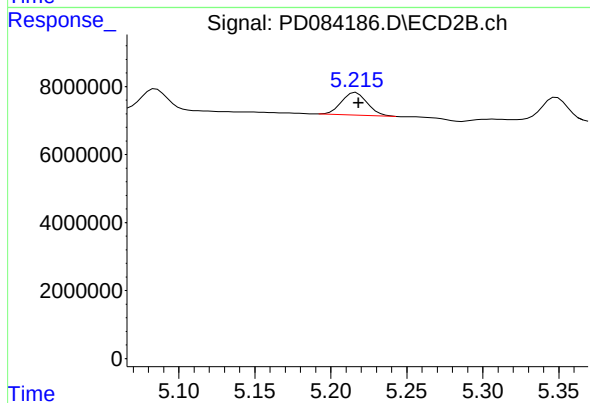
#11 alpha-Chlordane

R.T.: 5.029 min
Delta R.T.: -0.002 min
Response: 8559606
Conc: 1.15 ng/ml



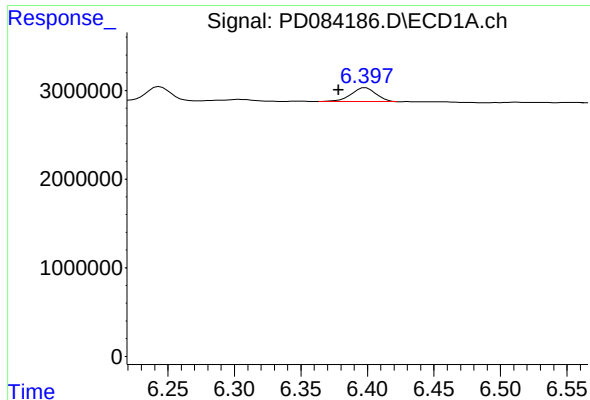
#12 4,4'-DDE

R.T.: 6.244 min
Delta R.T.: 0.020 min
Response: 2037150
Conc: 1.02 ng/ml



#12 4,4'-DDE

R.T.: 5.215 min
Delta R.T.: -0.003 min
Response: 7885197
Conc: 1.11 ng/ml m



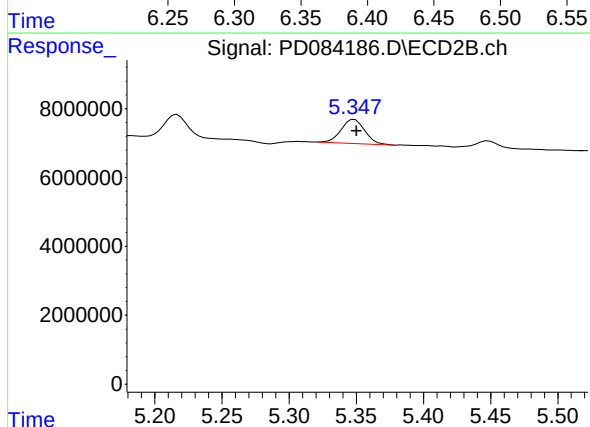
#13 Dieldrin

R.T.: 6.399 min
Delta R.T.: 0.020 min
Response: 2029500
Conc: 0.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
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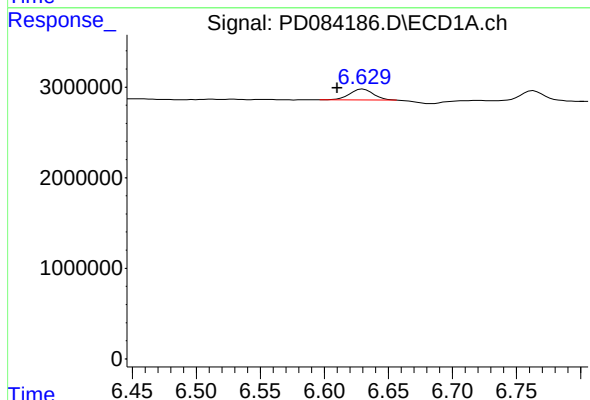
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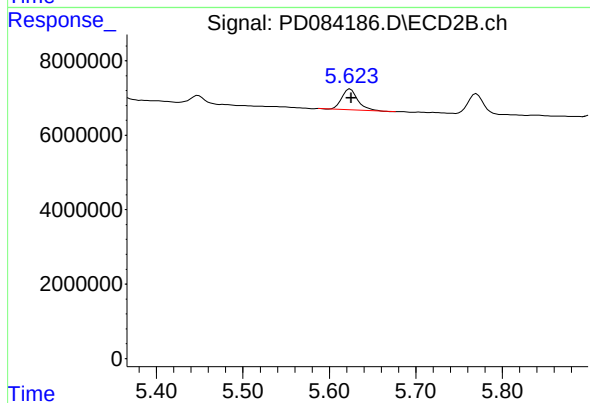
#13 Dieldrin

R.T.: 5.347 min
Delta R.T.: -0.003 min
Response: 8559700
Conc: 1.14 ng/ml m



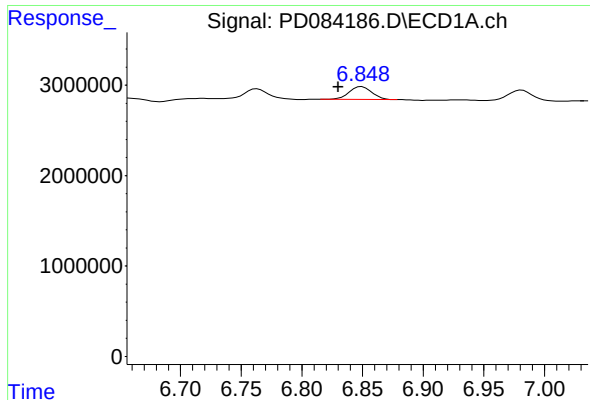
#14 Endrin

R.T.: 6.629 min
Delta R.T.: 0.019 min
Response: 1582873
Conc: 0.89 ng/ml m



#14 Endrin

R.T.: 5.624 min
Delta R.T.: -0.002 min
Response: 7184037
Conc: 1.09 ng/ml



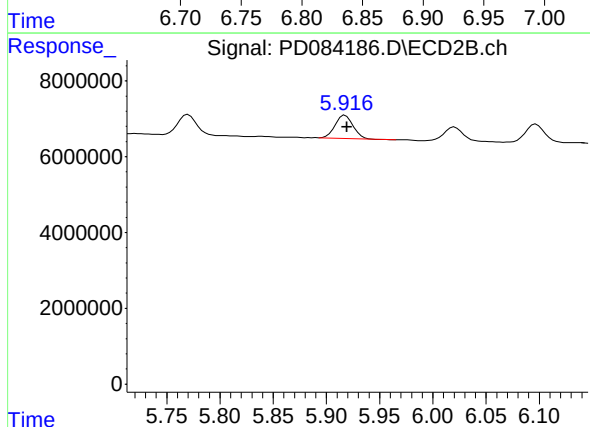
#15 Endosulfan II

R.T.: 6.848 min
Delta R.T.: 0.018 min
Response: 1841397
Conc: 0.96 ng/ml

Instrument :
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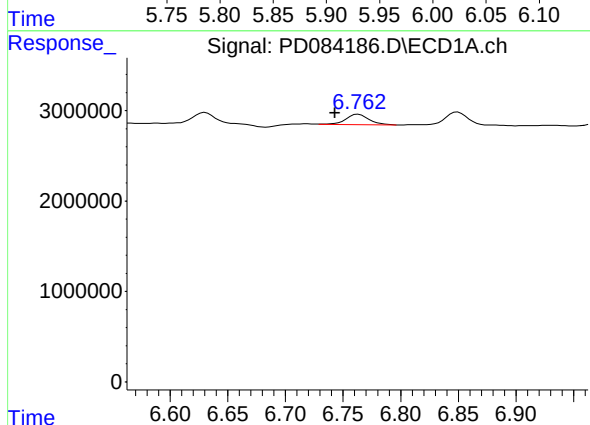
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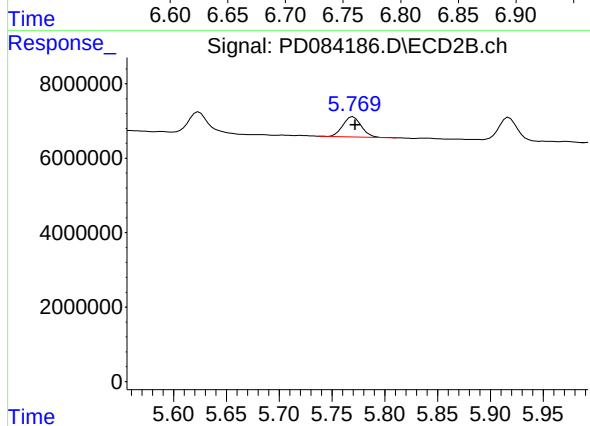
#15 Endosulfan II

R.T.: 5.918 min
Delta R.T.: -0.001 min
Response: 7330465
Conc: 1.15 ng/ml



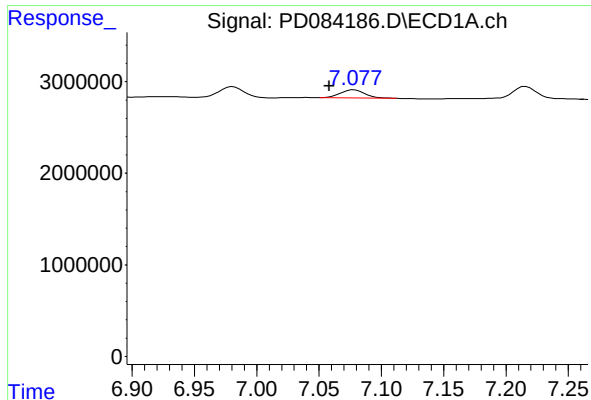
#16 4,4'-DDD

R.T.: 6.762 min
Delta R.T.: 0.019 min
Response: 1566235
Conc: 1.03 ng/ml m



#16 4,4'-DDD

R.T.: 5.770 min
Delta R.T.: -0.002 min
Response: 6483173
Conc: 1.17 ng/ml



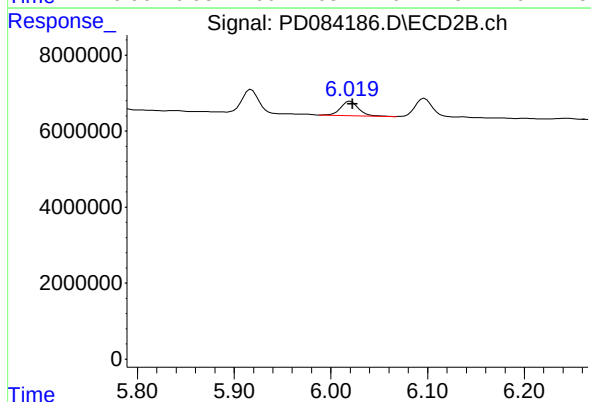
#17 4,4'-DDT

R.T.: 7.078 min
Delta R.T.: 0.020 min
Response: 1224460
Conc: 0.71 ng/ml

Instrument :
ECD_D
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LOD-MDL-WATER-01-QT3-2024

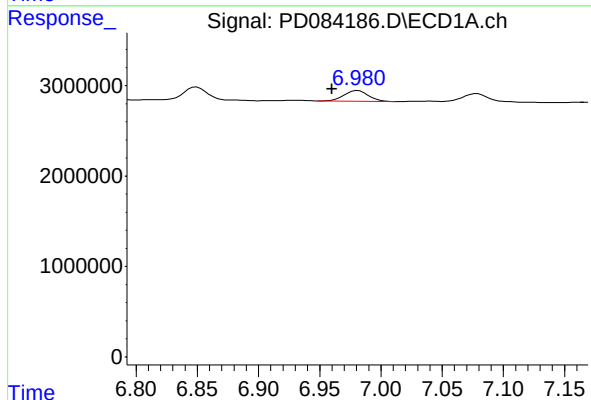
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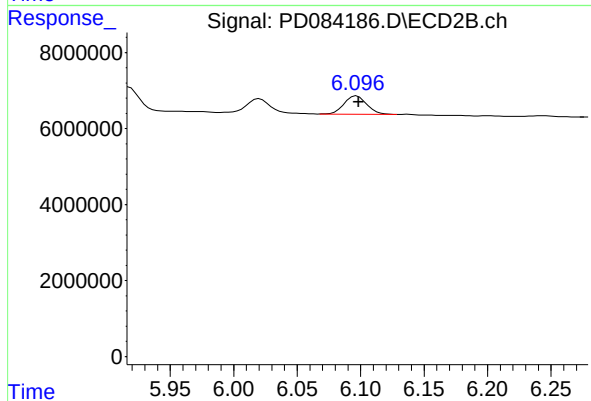
#17 4,4'-DDT

R.T.: 6.020 min
Delta R.T.: -0.002 min
Response: 4832448
Conc: 0.84 ng/ml



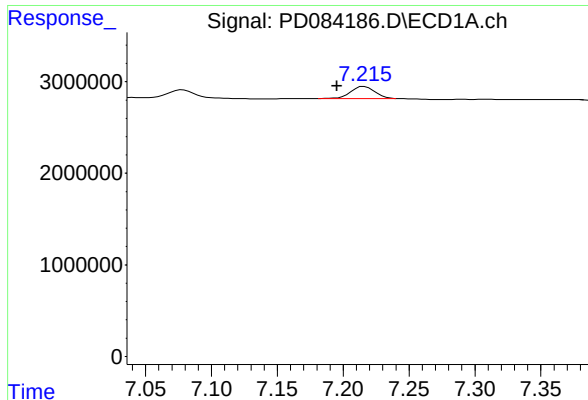
#18 Endrin aldehyde

R.T.: 6.980 min
Delta R.T.: 0.020 min
Response: 1660210
Conc: 1.13 ng/ml m



#18 Endrin aldehyde

R.T.: 6.097 min
Delta R.T.: -0.002 min
Response: 5977079
Conc: 1.19 ng/ml



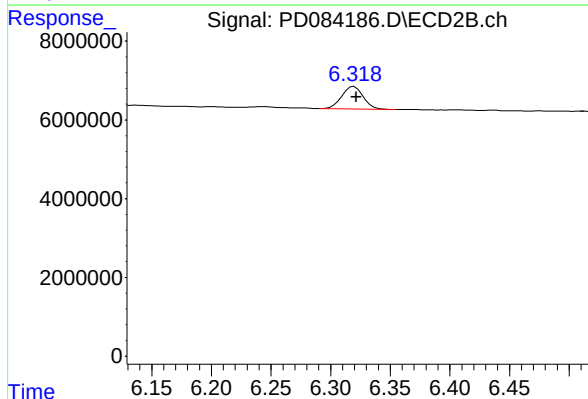
#19 Endosulfan Sulfate

R.T.: 7.215 min
Delta R.T.: 0.019 min
Response: 1693532
Conc: 0.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

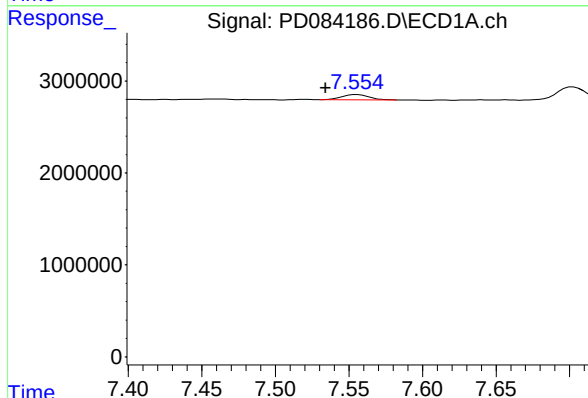
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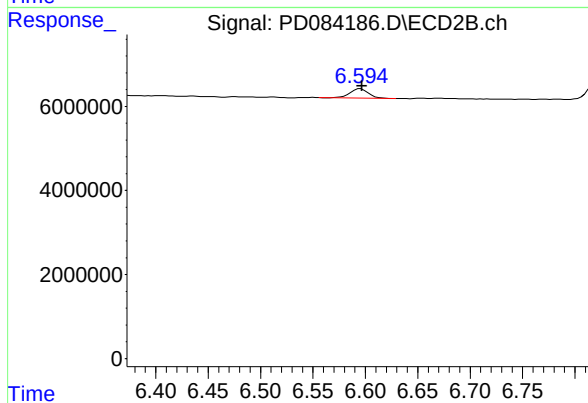
#19 Endosulfan Sulfate

R.T.: 6.320 min
Delta R.T.: -0.002 min
Response: 7221726
Conc: 1.18 ng/ml



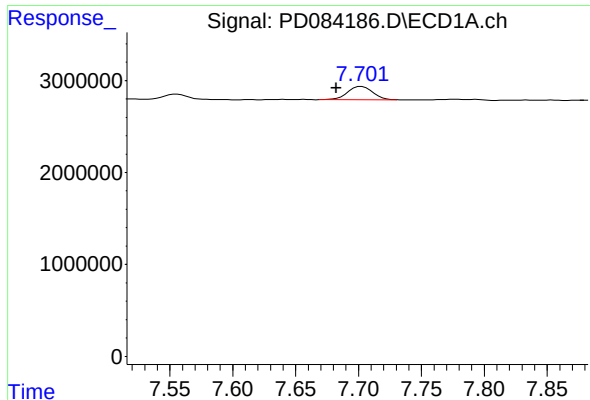
#20 Methoxychlor

R.T.: 7.555 min
Delta R.T.: 0.021 min
Response: 732579
Conc: 0.74 ng/ml



#20 Methoxychlor

R.T.: 6.595 min
Delta R.T.: -0.001 min
Response: 2663033
Conc: 0.90 ng/ml



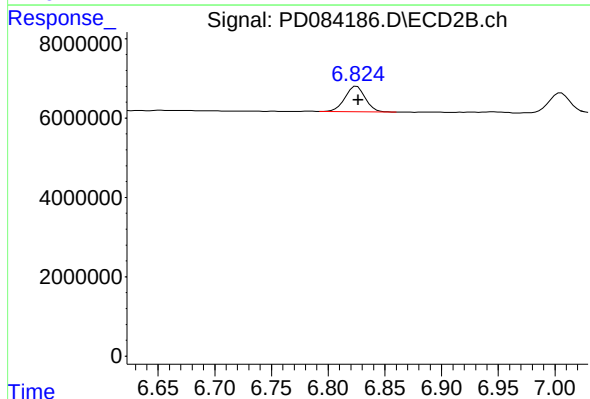
#21 Endrin ketone

R.T.: 7.702 min
Delta R.T.: 0.020 min
Response: 1993975
Conc: 0.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

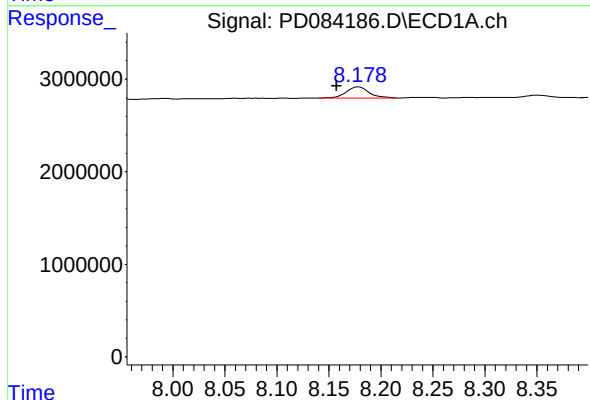
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024



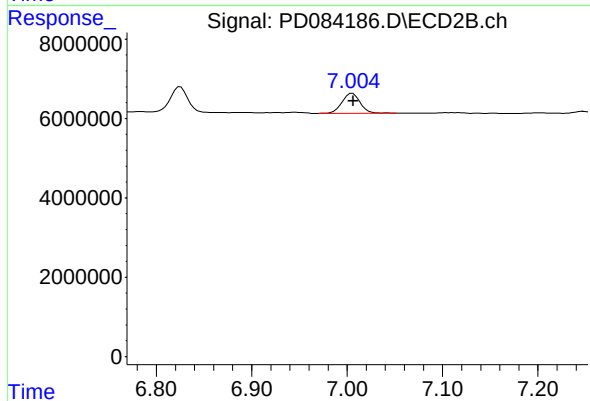
#21 Endrin ketone

R.T.: 6.825 min
Delta R.T.: -0.002 min
Response: 7961637
Conc: 1.18 ng/ml



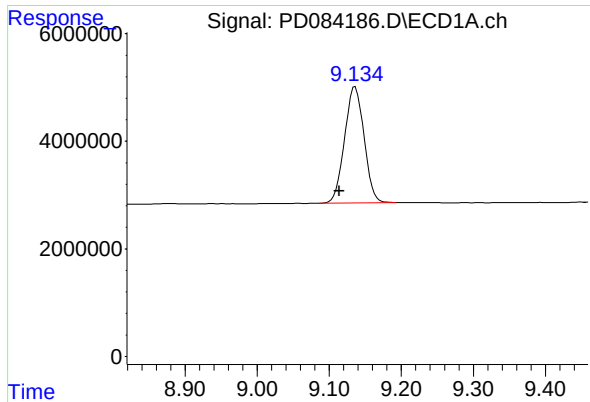
#22 Mirex

R.T.: 8.178 min
Delta R.T.: 0.020 min
Response: 1811319
Conc: 1.11 ng/ml m



#22 Mirex

R.T.: 7.005 min
Delta R.T.: -0.001 min
Response: 6687114
Conc: 1.23 ng/ml



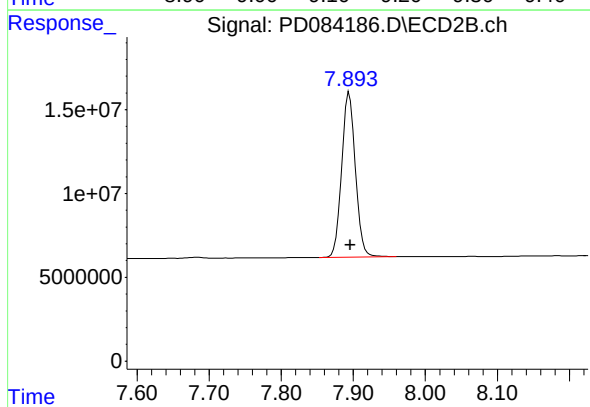
#28 Decachlorobiphenyl

R.T.: 9.134 min
Delta R.T.: 0.020 min
Response: 40678720
Conc: 17.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.894 min
Delta R.T.: -0.002 min
Response: 129460866
Conc: 20.16 ng/ml