

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111124\
 Data File : PD086517.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Nov 2024 13:16
 Operator : AR\AJ
 Sample : P4368-07
 Misc : PEST LOD 1PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/12/2024
 Supervised By :Ankita Jodhani 11/12/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 12 01:38:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD103024.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 31 11:38:14 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...	3.563	2.887	26296539	210.5E6	18.002	21.290
28)	SA Decachlor...	9.102	8.096	38928748	233.4E6	20.306	21.784
Target Compounds							
2)	A alpha-BHC	4.014	3.401	2494452	20523027	0.870	1.352 #
3)	MA gamma-BHC...	4.345	3.739	2584048	19905755	0.902	1.361 #
4)	MA Heptachlor	4.947	4.095	2913627	20481649	1.065	1.454 #
5)	MB Aldrin	5.289	4.380	2766398	19437504	1.007	1.334m#
6)	B beta-BHC	4.529	4.033	1251944	10406750	1.095	1.632m#
7)	B delta-BHC	4.777	4.270	4524488	19165476	1.531m	1.289m
8)	B Heptachlo...	5.708	4.888	2727276	18982649	1.107	1.440 #
9)	A Endosulfan I	6.093	5.262	2715548	16928012	1.183	1.363
10)	B gamma-Chl...	5.965	5.141	3263820	19343168	1.356	1.421
11)	B alpha-Chl...	6.044	5.206	2587188	19290886	1.069m	1.442 #
12)	B 4,4'-DDE	6.214	5.392	2285732	18230805	1.022	1.393 #
13)	MA Dieldrin	6.366	5.529	2563454	19097648	1.030	1.401 #
14)	MA Endrin	6.593	5.805	2370286	19650630	1.100	1.602 #
15)	B Endosulfa...	6.804	6.097	2466979	17390436	1.141	1.449 #
16)	A 4,4'-DDD	6.723	5.947	1955744	15299690	1.082m	1.389 #
17)	MA 4,4'-DDT	7.041	6.202	1701599	15120743	0.929	1.304 #
18)	B Endrin al...	6.934	6.274	1867530	13294017	1.129	1.418m#
19)	B Endosulfa...	7.168	6.500	2188637	17164174	1.089	1.483 #
20)	A Methoxychlor	7.513	6.775	1197227	8703699	1.107	1.377
21)	B Endrin ke...	7.650	7.009	2580934	20687001	1.138	1.627 #
22)	Mirex	8.135	7.206	2209255	16414175	1.335	1.580

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111124\
Data File : PD086517.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2024 13:16
Operator : AR\AJ
Sample : P4368-07
Misc : PEST LOD 1PPB
ALS Vial : 8 Sample Multiplier: 1

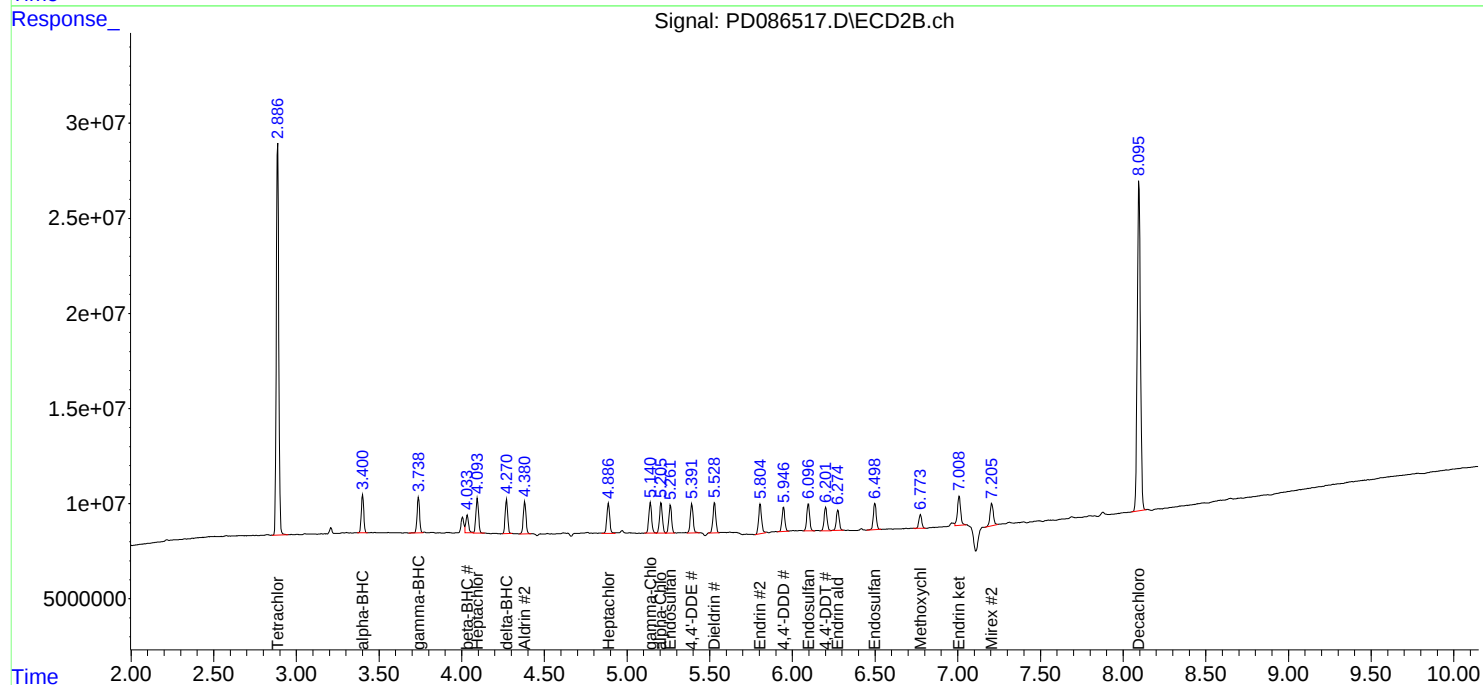
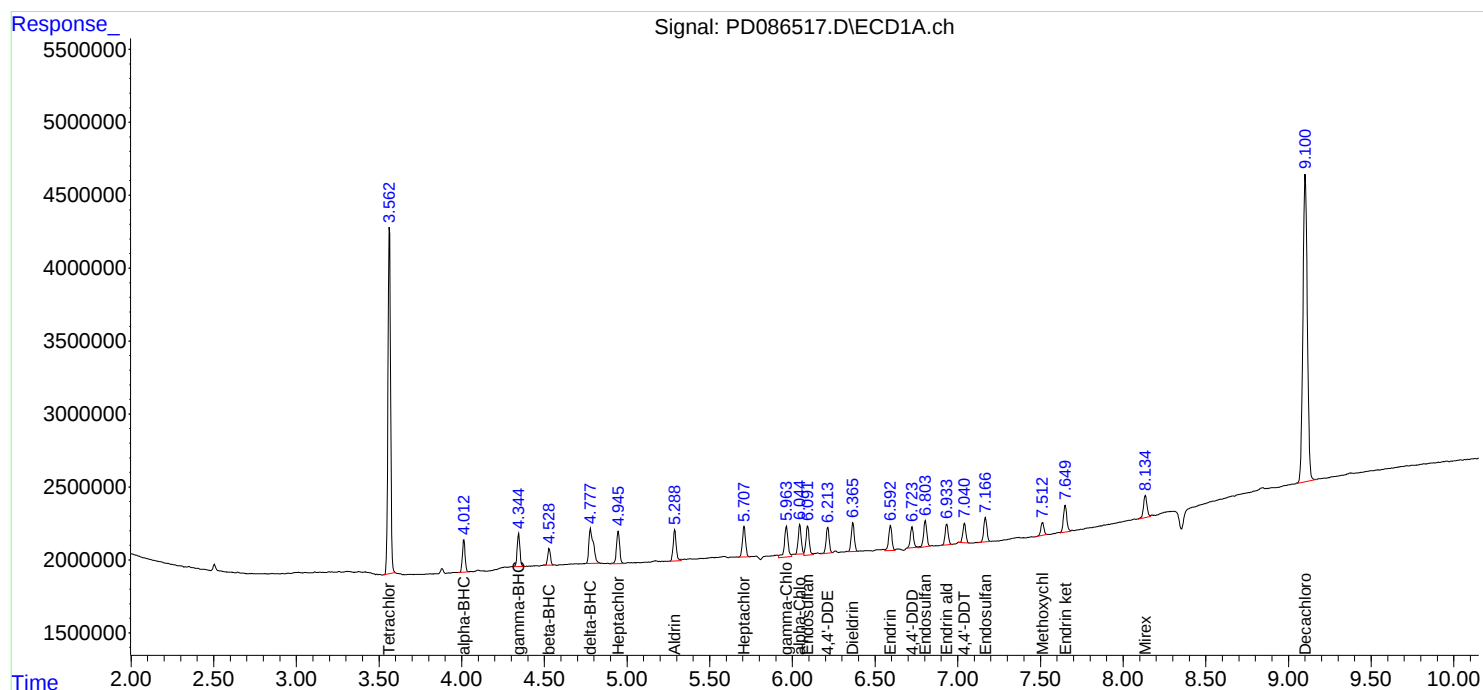
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

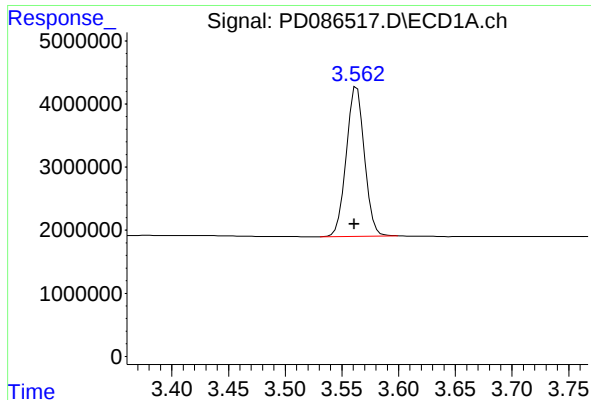
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 01:38:48 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD103024.M
Quant Title : GC Extractables
QLast Update : Thu Oct 31 11:38:14 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





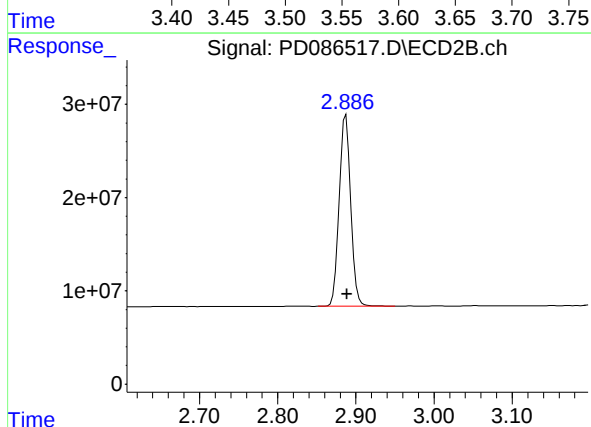
#1 Tetrachloro-m-xylene

R.T.: 3.563 min
Delta R.T.: 0.002 min
Response: 26296539
Conc: 18.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

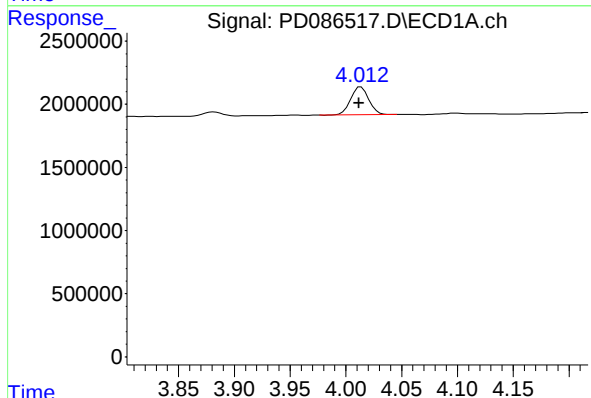
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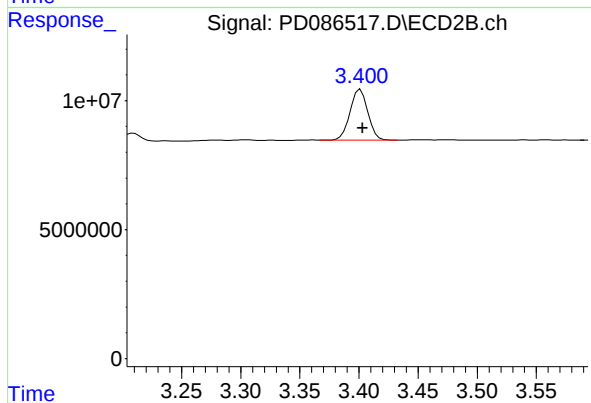
#1 Tetrachloro-m-xylene

R.T.: 2.887 min
Delta R.T.: -0.001 min
Response: 210543873
Conc: 21.29 ng/ml



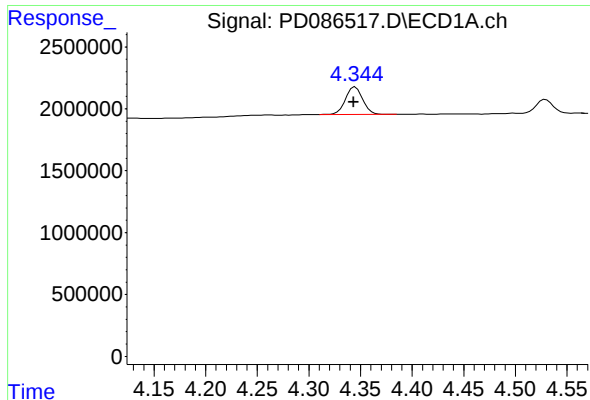
#2 alpha-BHC

R.T.: 4.014 min
Delta R.T.: 0.002 min
Response: 2494452
Conc: 0.87 ng/ml



#2 alpha-BHC

R.T.: 3.401 min
Delta R.T.: -0.002 min
Response: 20523027
Conc: 1.35 ng/ml



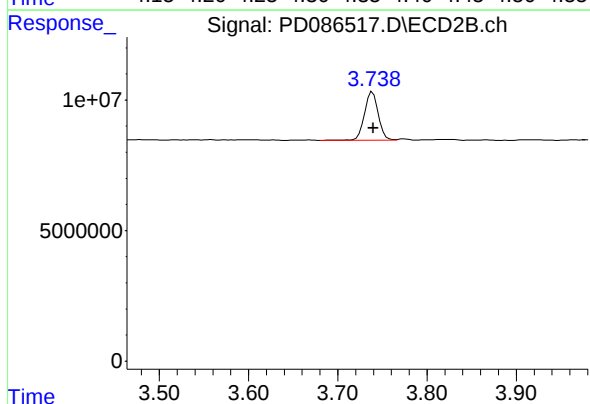
#3 gamma-BHC (Lindane)

R.T.: 4.345 min
Delta R.T.: 0.002 min
Response: 2584048
Conc: 0.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

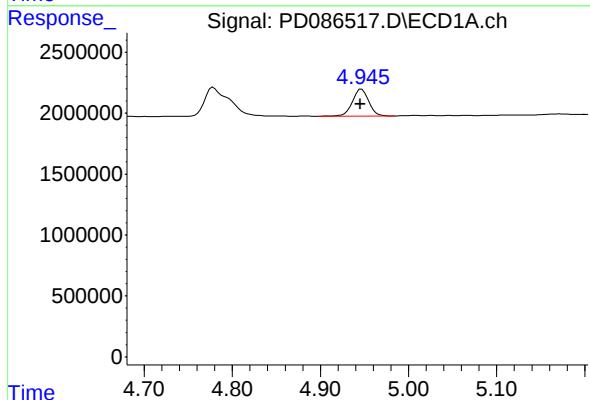
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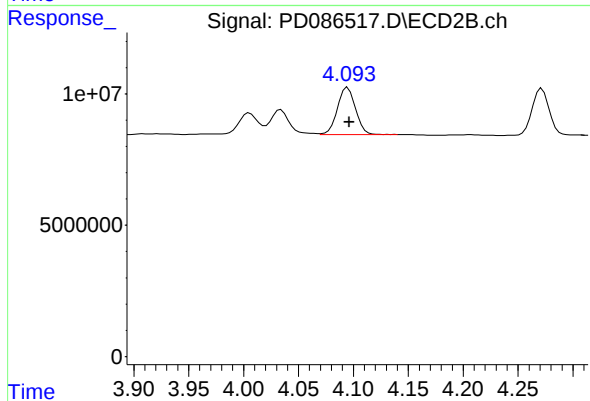
#3 gamma-BHC (Lindane)

R.T.: 3.739 min
Delta R.T.: 0.000 min
Response: 19905755
Conc: 1.36 ng/ml



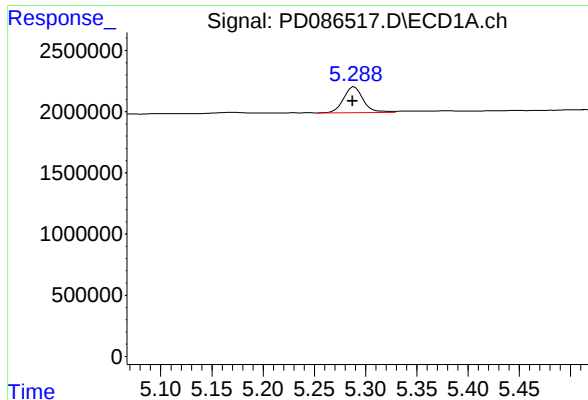
#4 Heptachlor

R.T.: 4.947 min
Delta R.T.: 0.002 min
Response: 2913627
Conc: 1.07 ng/ml



#4 Heptachlor

R.T.: 4.095 min
Delta R.T.: -0.001 min
Response: 20481649
Conc: 1.45 ng/ml



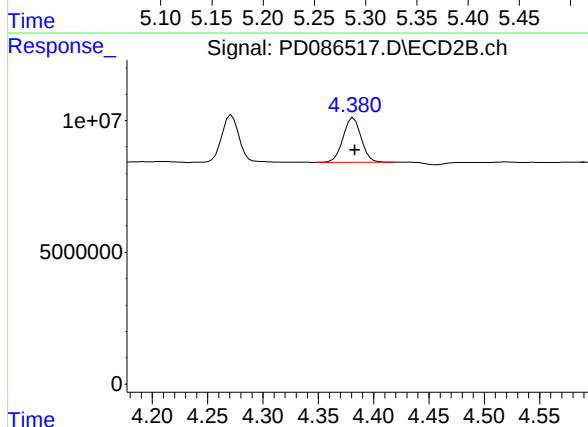
#5 Aldrin

R.T.: 5.289 min
Delta R.T.: 0.002 min
Response: 2766398
Conc: 1.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

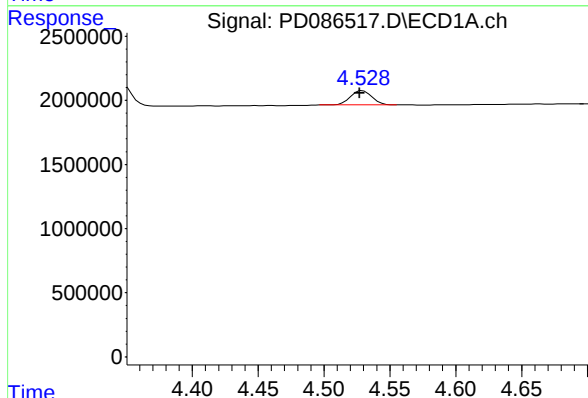
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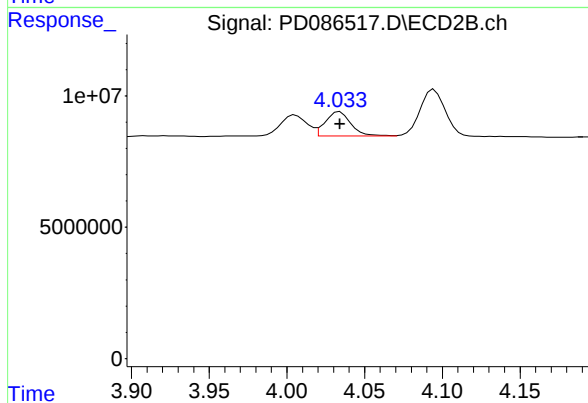
#5 Aldrin

R.T.: 4.380 min
Delta R.T.: -0.003 min
Response: 19437504
Conc: 1.33 ng/ml m



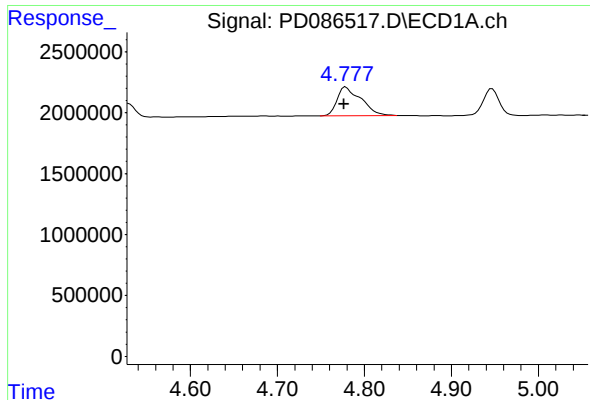
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.002 min
Response: 1251944
Conc: 1.10 ng/ml



#6 beta-BHC

R.T.: 4.033 min
Delta R.T.: -0.001 min
Response: 10406750
Conc: 1.63 ng/ml m



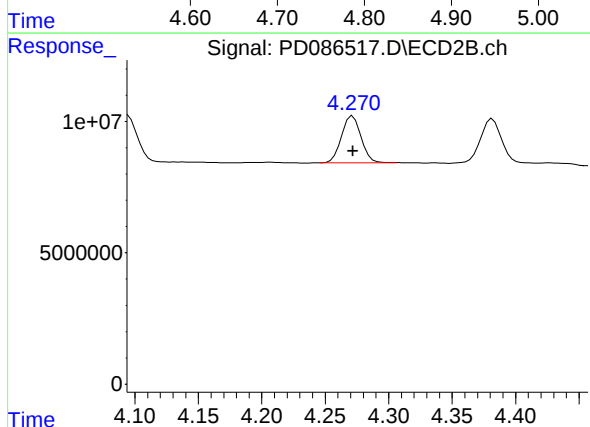
#7 delta-BHC

R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 4524488
Conc: 1.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

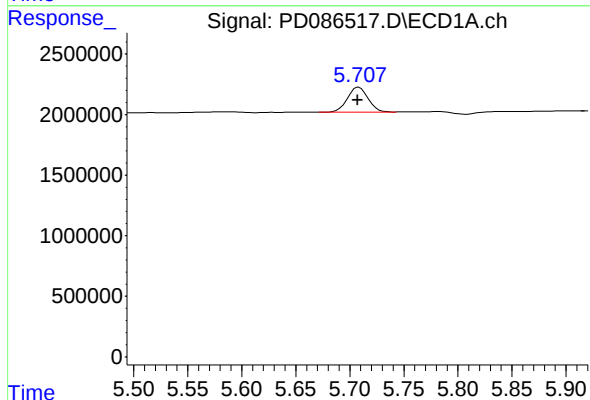
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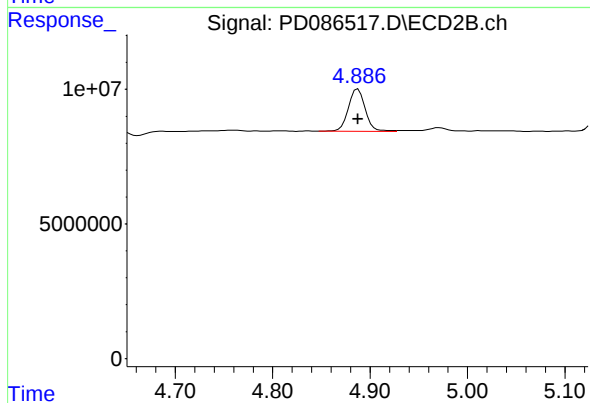
#7 delta-BHC

R.T.: 4.270 min
Delta R.T.: -0.002 min
Response: 19165476
Conc: 1.29 ng/ml m



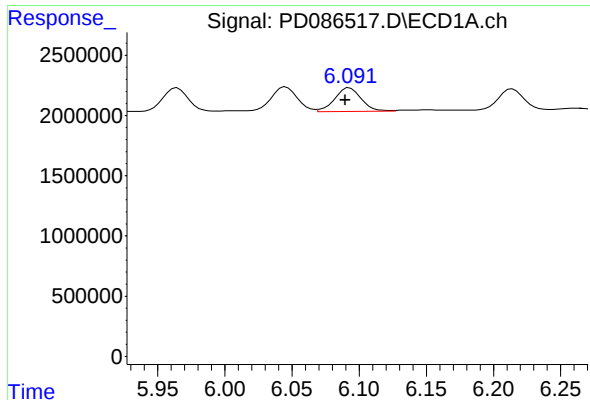
#8 Heptachlor epoxide

R.T.: 5.708 min
Delta R.T.: 0.001 min
Response: 2727276
Conc: 1.11 ng/ml



#8 Heptachlor epoxide

R.T.: 4.888 min
Delta R.T.: 0.000 min
Response: 18982649
Conc: 1.44 ng/ml



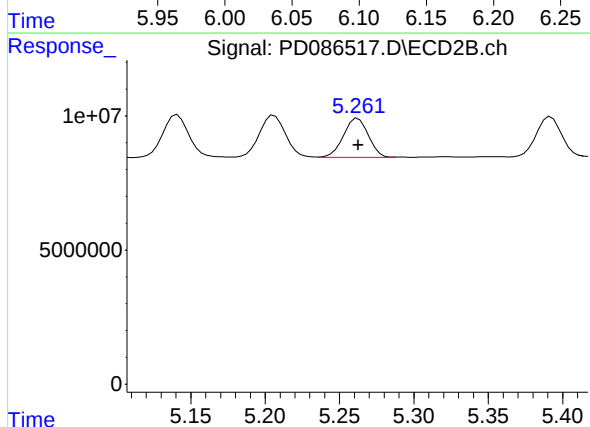
#9 Endosulfan I

R.T.: 6.093 min
Delta R.T.: 0.003 min
Response: 2715548
Conc: 1.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

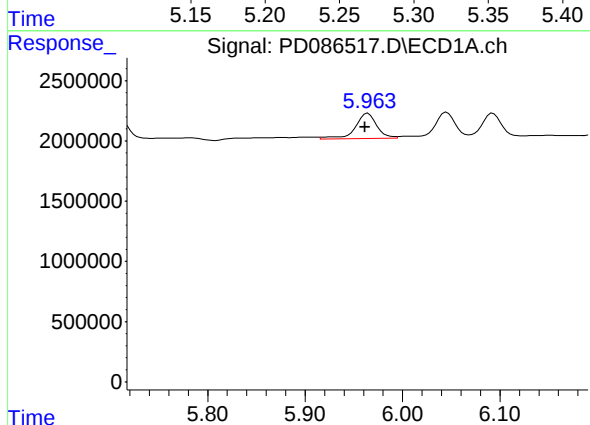
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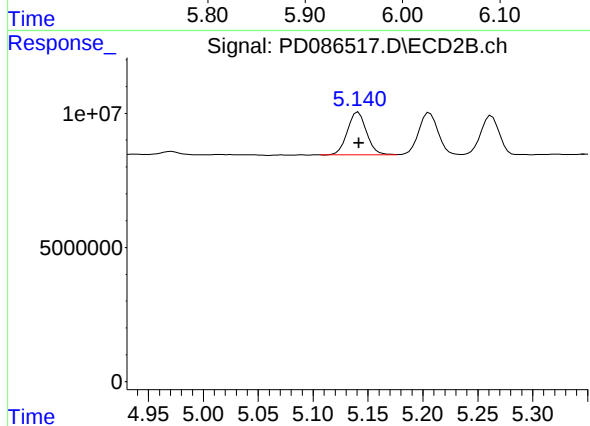
#9 Endosulfan I

R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 16928012
Conc: 1.36 ng/ml



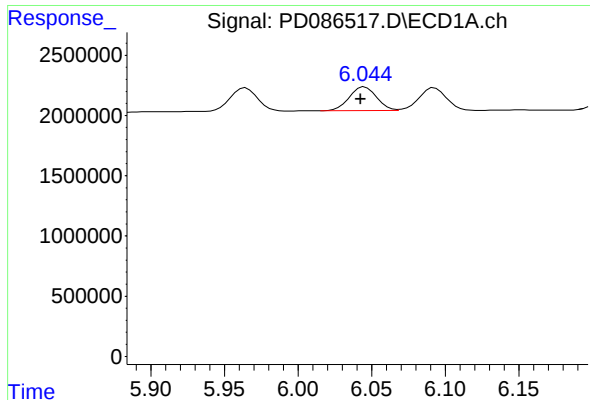
#10 gamma-Chlordane

R.T.: 5.965 min
Delta R.T.: 0.003 min
Response: 3263820
Conc: 1.36 ng/ml



#10 gamma-Chlordane

R.T.: 5.141 min
Delta R.T.: 0.000 min
Response: 19343168
Conc: 1.42 ng/ml



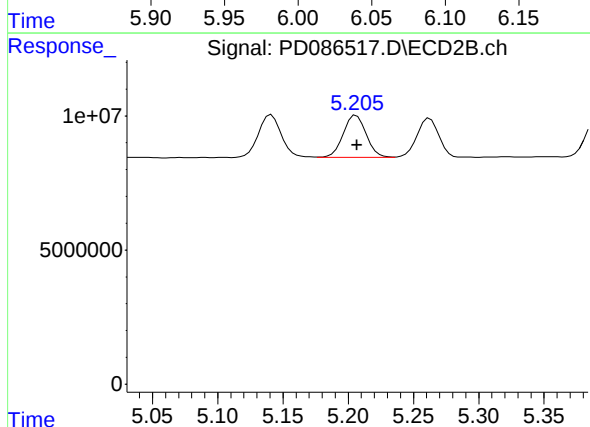
#11 alpha-Chlordane

R.T.: 6.044 min
Delta R.T.: 0.001 min
Response: 2587188
Conc: 1.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

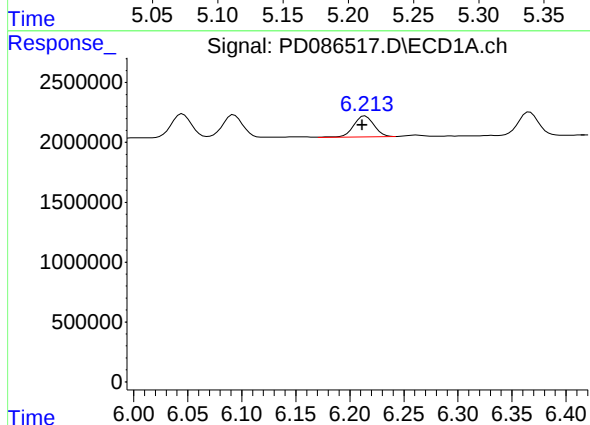
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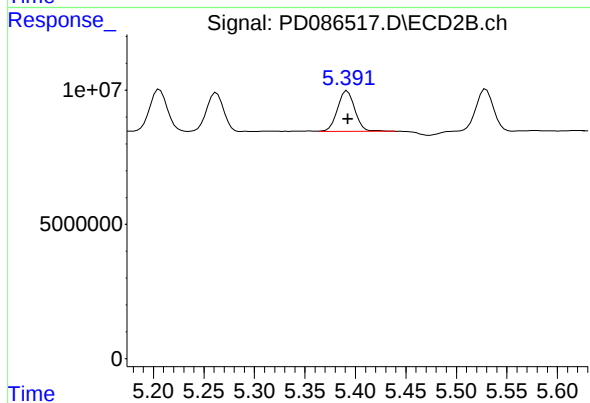
#11 alpha-Chlordane

R.T.: 5.206 min
Delta R.T.: 0.000 min
Response: 19290886
Conc: 1.44 ng/ml



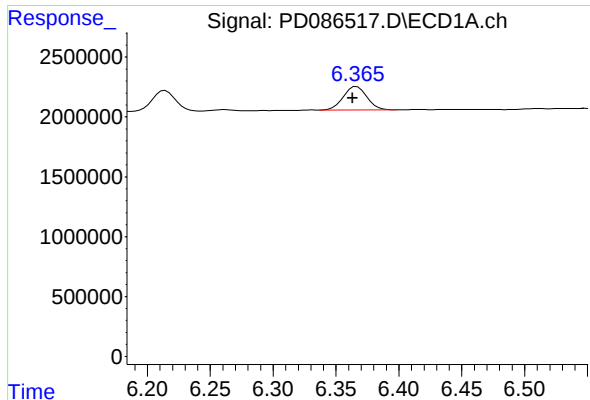
#12 4,4'-DDE

R.T.: 6.214 min
Delta R.T.: 0.003 min
Response: 2285732
Conc: 1.02 ng/ml



#12 4,4'-DDE

R.T.: 5.392 min
Delta R.T.: 0.000 min
Response: 18230805
Conc: 1.39 ng/ml



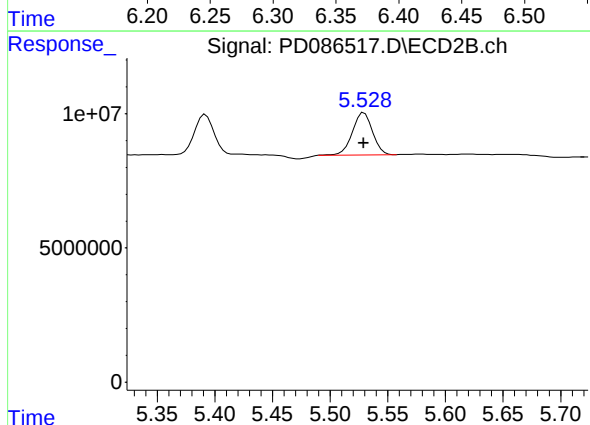
#13 Dieldrin

R.T.: 6.366 min
Delta R.T.: 0.003 min
Response: 2563454
Conc: 1.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

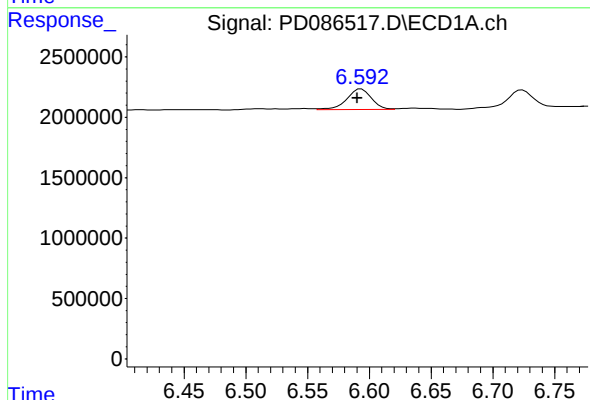
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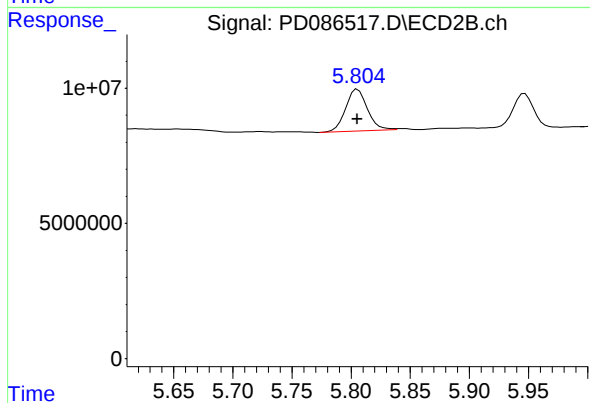
#13 Dieldrin

R.T.: 5.529 min
Delta R.T.: 0.000 min
Response: 19097648
Conc: 1.40 ng/ml



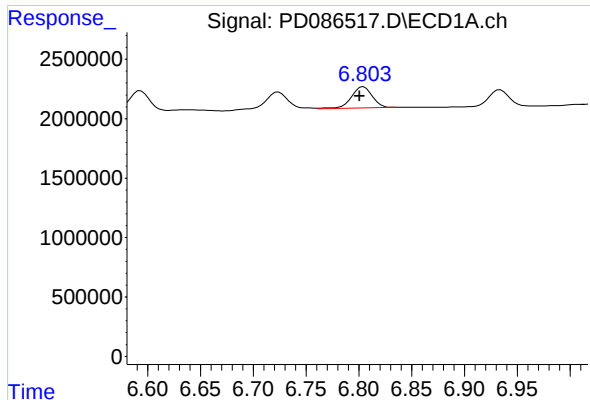
#14 Endrin

R.T.: 6.593 min
Delta R.T.: 0.003 min
Response: 2370286
Conc: 1.10 ng/ml



#14 Endrin

R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 19650630
Conc: 1.60 ng/ml



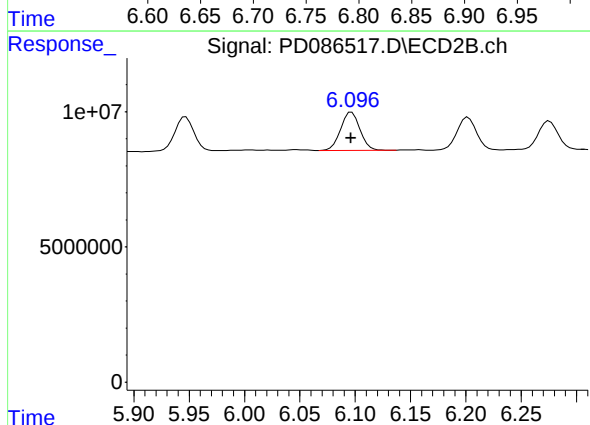
#15 Endosulfan II

R.T.: 6.804 min
Delta R.T.: 0.003 min
Response: 2466979
Conc: 1.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

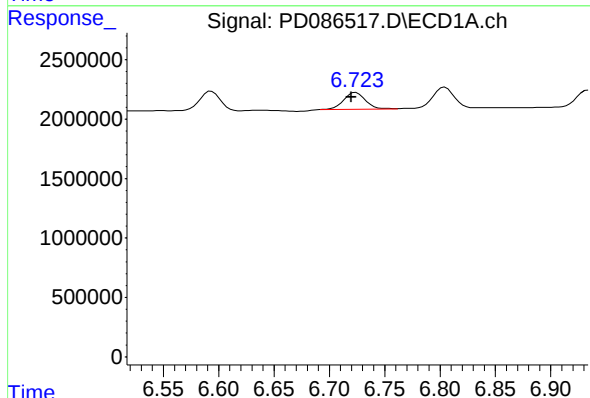
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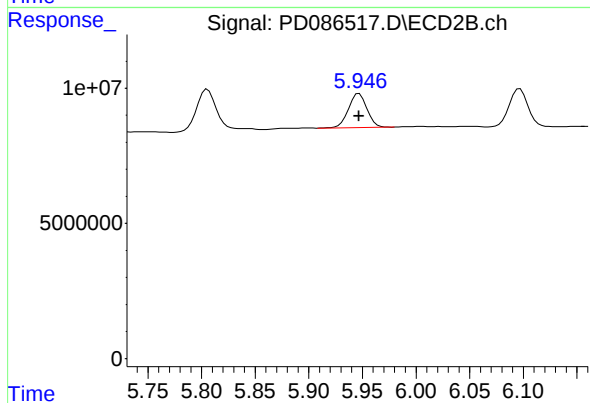
#15 Endosulfan II

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 17390436
Conc: 1.45 ng/ml



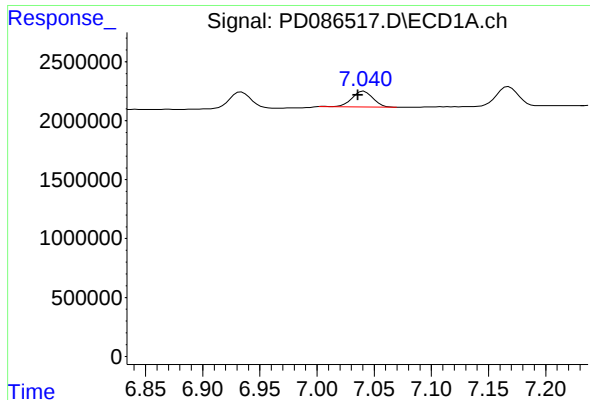
#16 4,4'-DDD

R.T.: 6.723 min
Delta R.T.: 0.003 min
Response: 1955744
Conc: 1.08 ng/ml m



#16 4,4'-DDD

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 15299690
Conc: 1.39 ng/ml



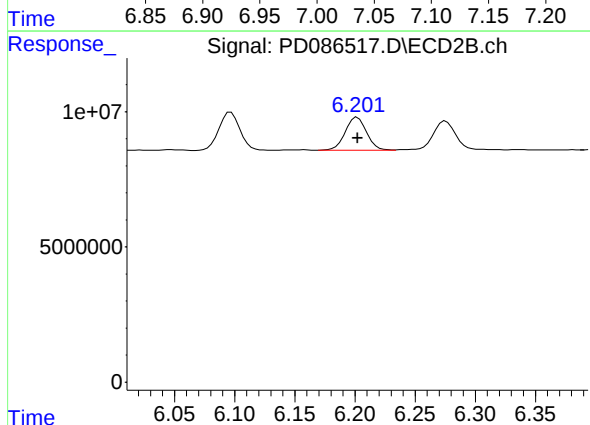
#17 4,4'-DDT

R.T.: 7.041 min
Delta R.T.: 0.005 min
Response: 1701599
Conc: 0.93 ng/ml

Instrument :
ECD_D
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#17 4,4'-DDT

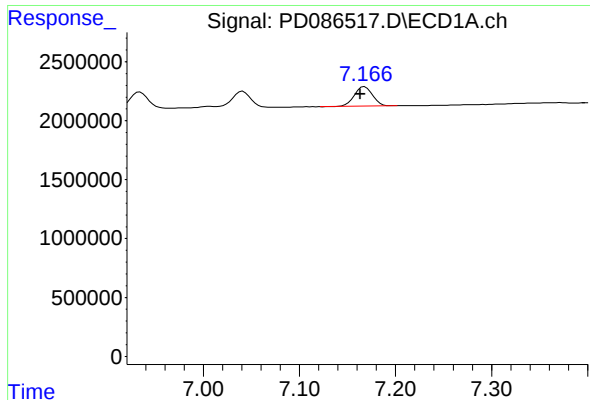
R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 15120743
Conc: 1.30 ng/ml

#18 Endrin aldehyde

R.T.: 6.934 min
Delta R.T.: 0.004 min
Response: 1867530
Conc: 1.13 ng/ml

#18 Endrin aldehyde

R.T.: 6.274 min
Delta R.T.: -0.001 min
Response: 13294017
Conc: 1.42 ng/ml m



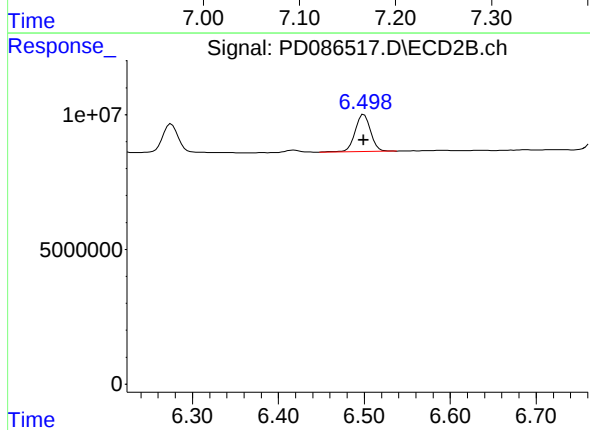
#19 Endosulfan Sulfate

R.T.: 7.168 min
Delta R.T.: 0.004 min
Response: 2188637
Conc: 1.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

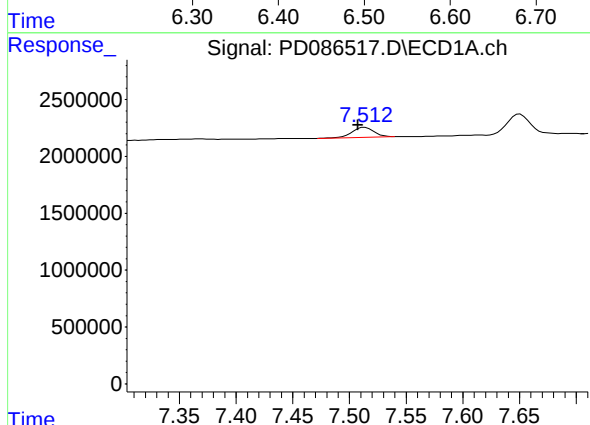
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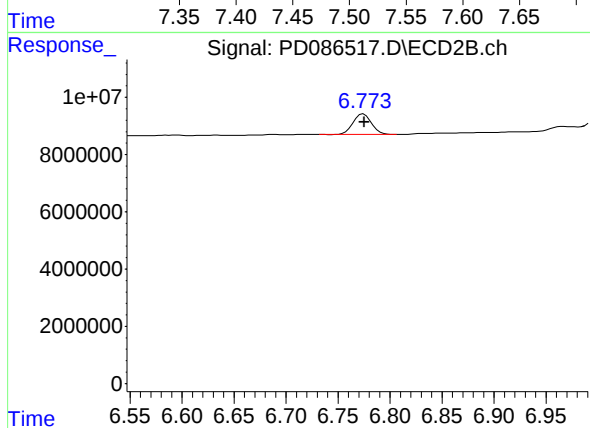
#19 Endosulfan Sulfate

R.T.: 6.500 min
Delta R.T.: 0.000 min
Response: 17164174
Conc: 1.48 ng/ml



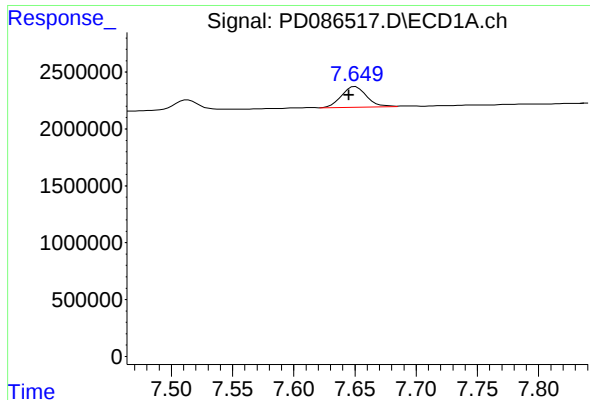
#20 Methoxychlor

R.T.: 7.513 min
Delta R.T.: 0.006 min
Response: 1197227
Conc: 1.11 ng/ml



#20 Methoxychlor

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 8703699
Conc: 1.38 ng/ml



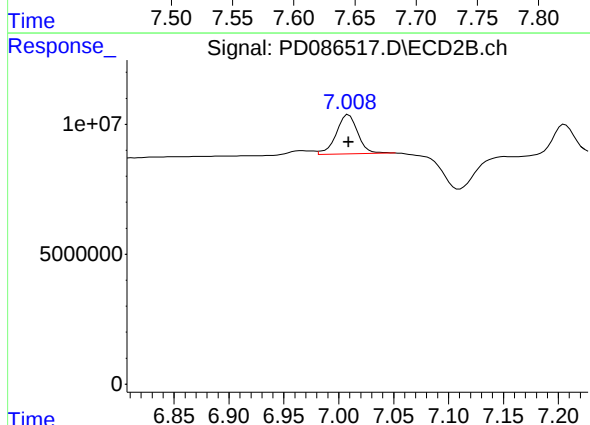
#21 Endrin ketone

R.T.: 7.650 min
Delta R.T.: 0.005 min
Response: 2580934
Conc: 1.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

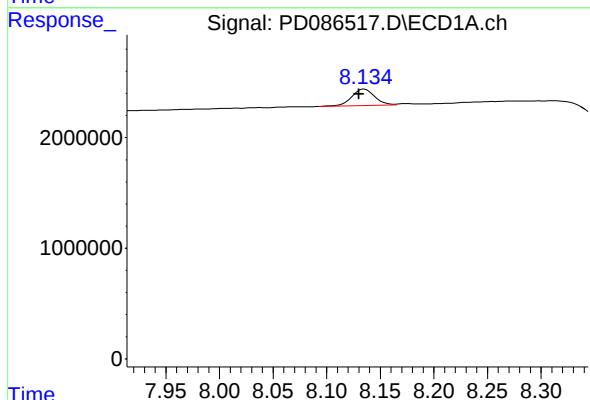
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Supervised By :Ankita Jodhani 11/12/2024



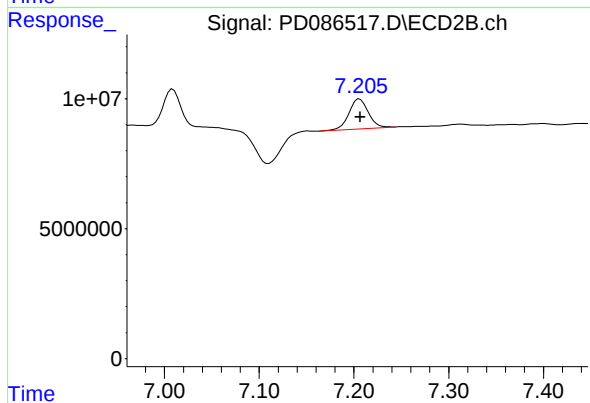
#21 Endrin ketone

R.T.: 7.009 min
Delta R.T.: 0.000 min
Response: 20687001
Conc: 1.63 ng/ml



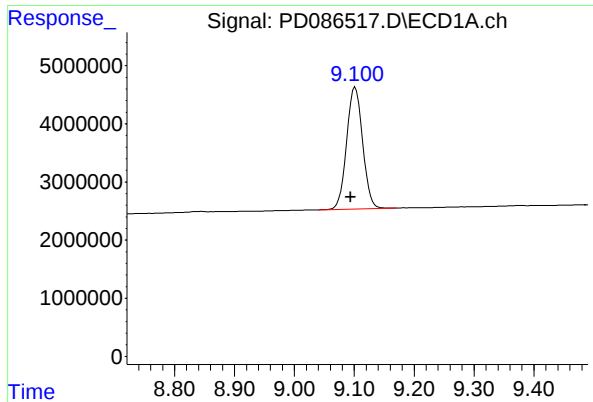
#22 Mirex

R.T.: 8.135 min
Delta R.T.: 0.005 min
Response: 2209255
Conc: 1.33 ng/ml



#22 Mirex

R.T.: 7.206 min
Delta R.T.: 0.000 min
Response: 16414175
Conc: 1.58 ng/ml



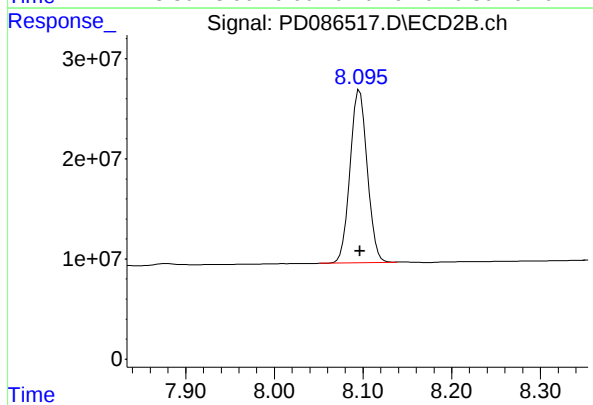
#28 Decachlorobiphenyl

R.T.: 9.102 min
Delta R.T.: 0.008 min
Response: 38928748
Conc: 20.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/12/2024
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#28 Decachlorobiphenyl

R.T.: 8.096 min
Delta R.T.: 0.000 min
Response: 233354690
Conc: 21.78 ng/ml