

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051424\
 Data File : PD082782.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2024 11:30
 Operator : AR\AJ
 Sample : P2403-07
 Misc : PEST LOD 1PPB
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/15/2024
 Supervised By :Ankita Jodhani 05/15/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 22:03:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051324.M
 Quant Title : GC Extractables
 QLast Update : Mon May 13 15:39:20 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	2.775	30347933	75541859	19.602	19.061
28)	SA Decachlor...	9.122	7.906	39965216	78666296	20.013	20.352
Target Compounds							
2)	A alpha-BHC	4.023	3.275	2210565	5325373	0.807	0.854
3)	MA gamma-BHC...	4.356	3.604	2399268	5552452	0.908m	0.939
4)	MA Heptachlor	4.951	3.943	2618703	5026403	1.038	0.908
5)	MB Aldrin	5.294	4.223	2381946	4612573	0.924	0.809
6)	B beta-BHC	4.553	3.900	1013598	2797100	0.968	1.171
7)	B delta-BHC	4.800	4.130	3390099	4625359	1.364m	0.799 #
8)	B Heptachlo...	5.720	4.724	2681411	5018565	1.150m	0.996
9)	A Endosulfan I	6.108	5.093	2233176	4127213	1.034	0.895
10)	B gamma-Chl...	5.977	4.974	2340313	4665905	1.033m	0.933
11)	B alpha-Chl...	6.056	5.037	2427211	4759313	1.073m	0.958
12)	B 4,4'-DDE	6.230	5.226	2231708	4290195	1.020	0.919
13)	MA Dieldrin	6.385	5.357	2181759	4510529	0.976	0.897
14)	MA Endrin	6.614	5.633	1792087	4743727	0.952m	1.085
15)	B Endosulfa...	6.835	5.925	2745205	3934550	1.376	0.942 #
16)	A 4,4'-DDD	6.748	5.780	1511136	3509572	0.945	0.933
17)	MA 4,4'-DDT	7.064	6.030	1658619	3047650	0.983	0.795
18)	B Endrin al...	6.966	6.105	1635117	3426881	1.168	1.098
19)	B Endosulfa...	7.201	6.327	1921259	4119562	1.089	1.033
20)	A Methoxychlor	7.540	6.605	875902	1834156	0.956	0.903
21)	B Endrin ke...	7.687	6.833	1986429	4244021	1.033	0.934
22)	Mirex	8.164	7.015	1912487	3861197	1.248	1.081

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051424\
Data File : PD082782.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 May 2024 11:30
Operator : AR\AJ
Sample : P2403-07
Misc : PEST LOD 1PPB
ALS Vial : 13 Sample Multiplier: 1

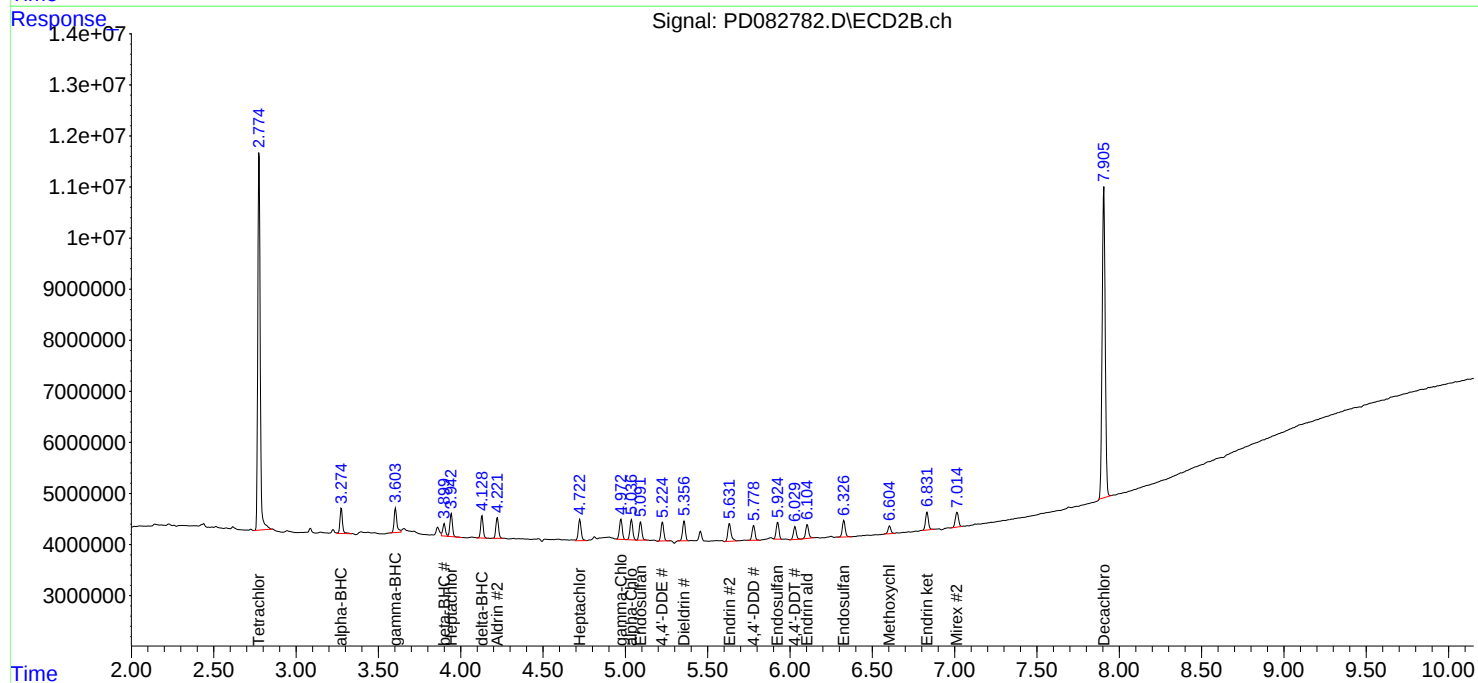
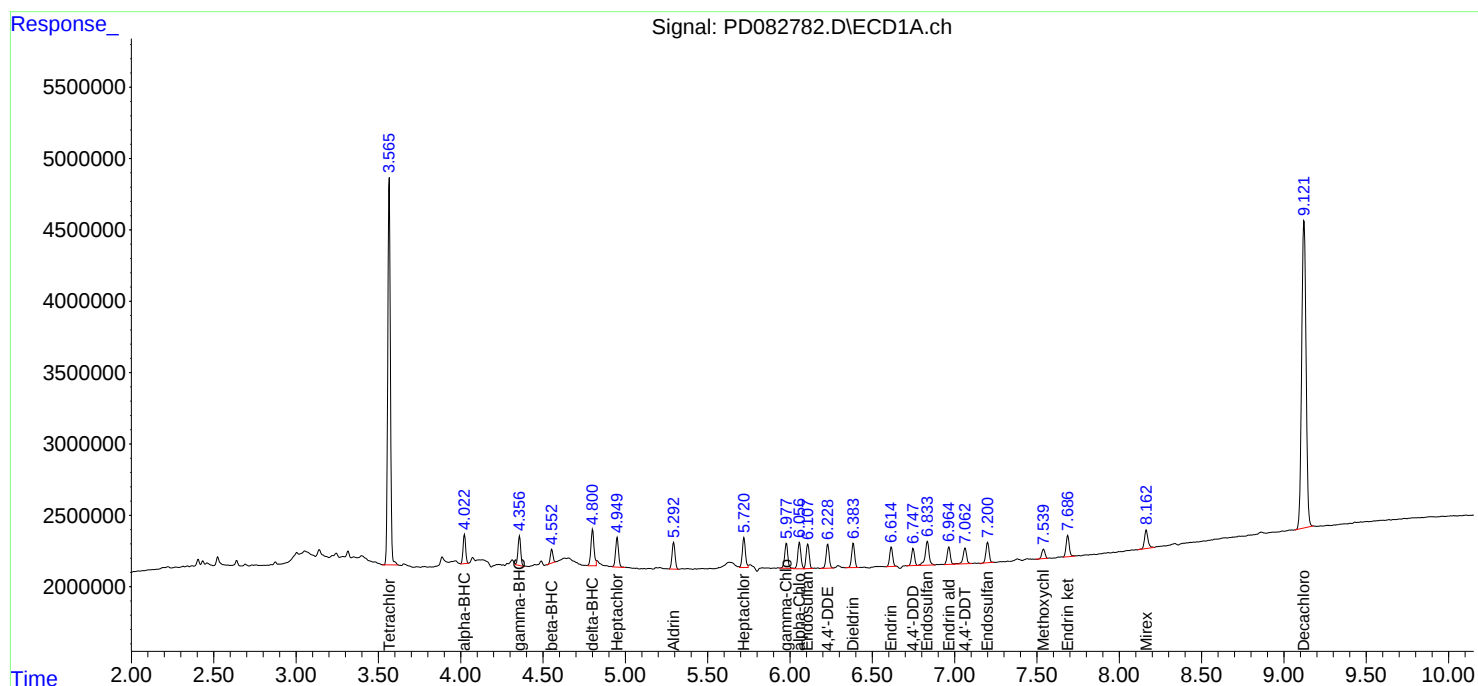
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

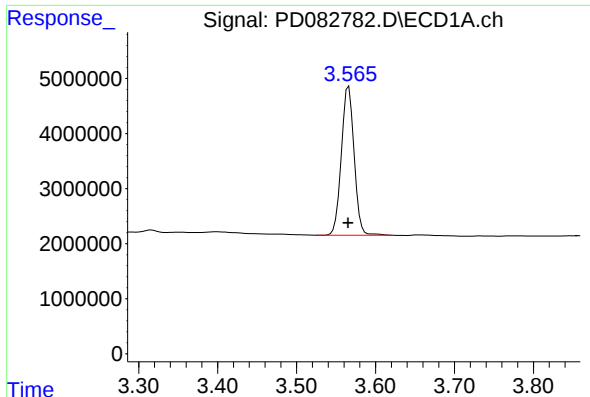
Manual Integrations
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Supervised By :Ankita Jodhani 05/15/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 14 22:03:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051324.M
Quant Title : GC Extractables
QLast Update : Mon May 13 15:39:20 2024
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





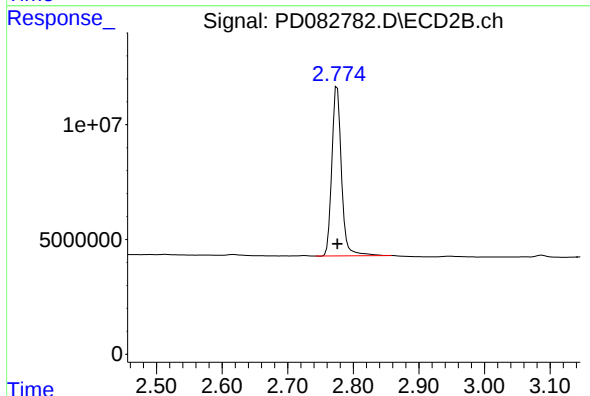
#1 Tetrachloro-m-xylene

R.T.: 3.566 min
Delta R.T.: 0.000 min
Response: 30347933
Conc: 19.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

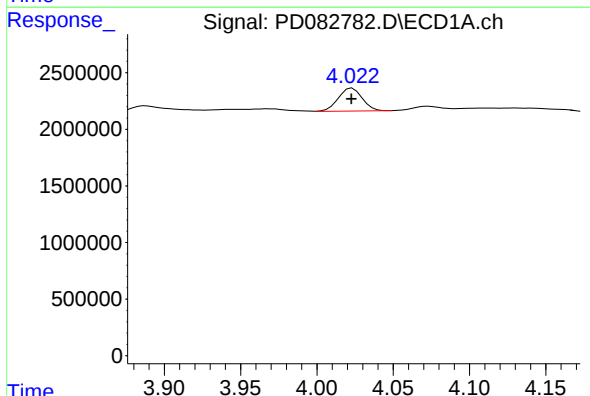
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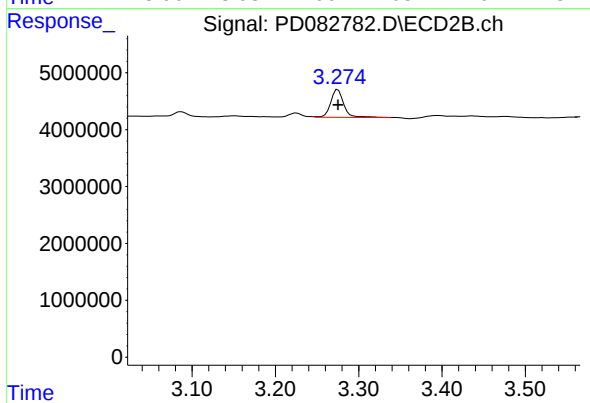
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: 0.000 min
Response: 75541859
Conc: 19.06 ng/ml



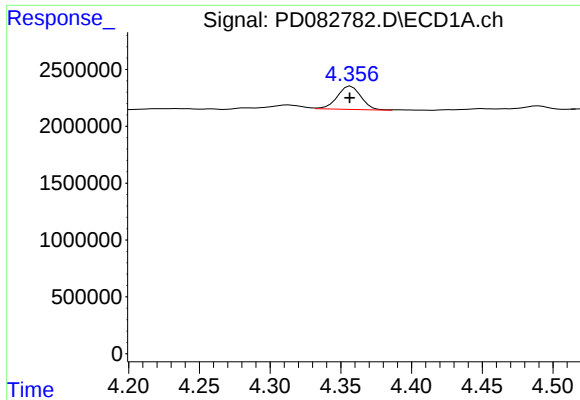
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 2210565
Conc: 0.81 ng/ml



#2 alpha-BHC

R.T.: 3.275 min
Delta R.T.: 0.000 min
Response: 5325373
Conc: 0.85 ng/ml



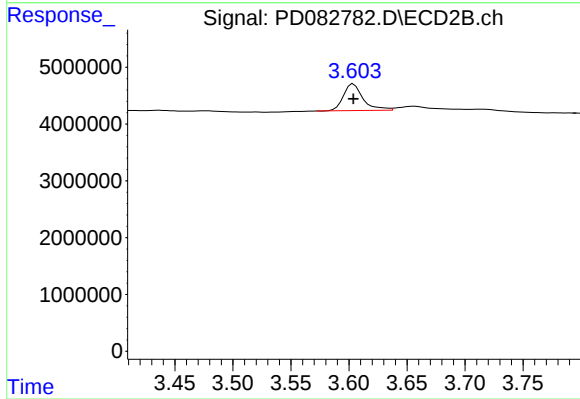
#3 gamma-BHC (Lindane)

R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 2399268
Conc: 0.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

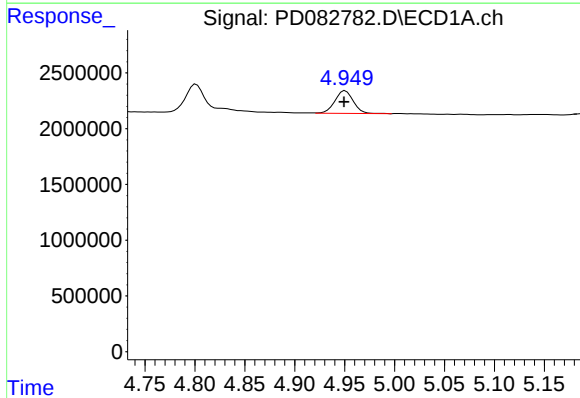
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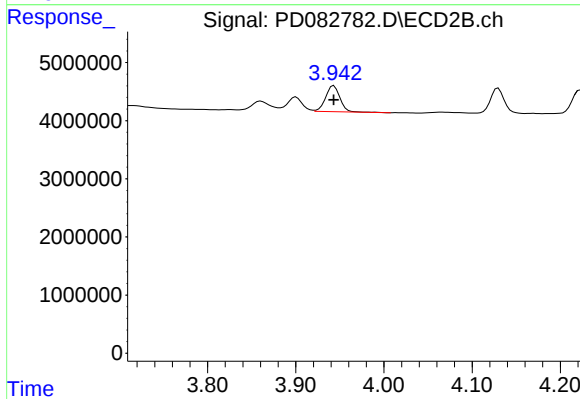
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.000 min
Response: 5552452
Conc: 0.94 ng/ml



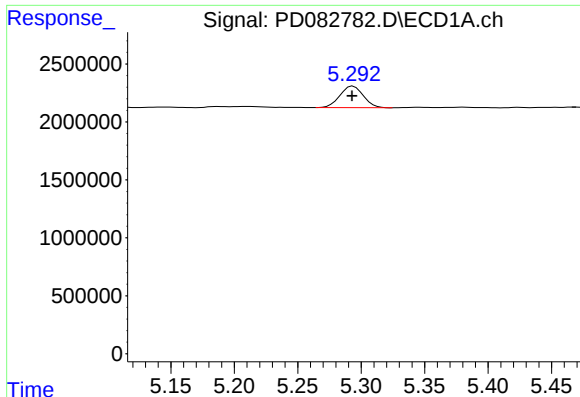
#4 Heptachlor

R.T.: 4.951 min
Delta R.T.: 0.001 min
Response: 2618703
Conc: 1.04 ng/ml



#4 Heptachlor

R.T.: 3.943 min
Delta R.T.: 0.000 min
Response: 5026403
Conc: 0.91 ng/ml



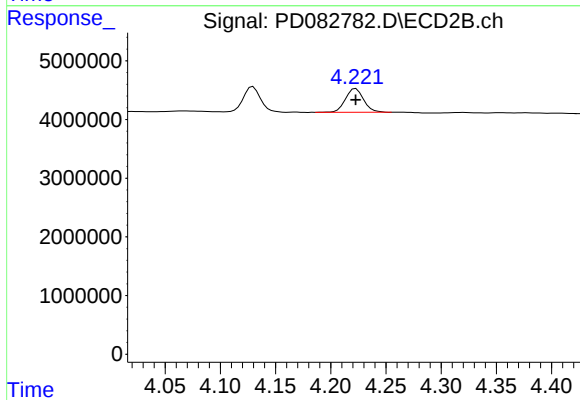
#5 Aldrin

R.T.: 5.294 min
Delta R.T.: 0.001 min
Response: 2381946
Conc: 0.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

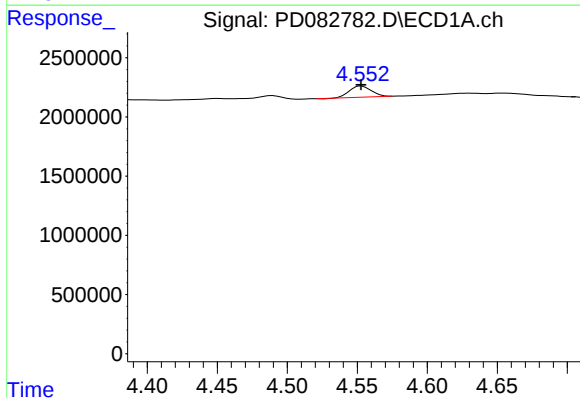
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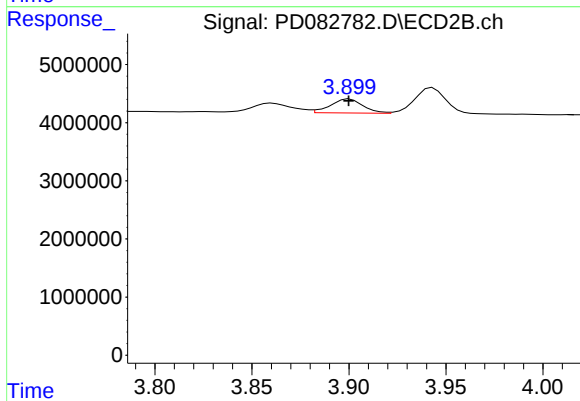
#5 Aldrin

R.T.: 4.223 min
Delta R.T.: 0.000 min
Response: 4612573
Conc: 0.81 ng/ml



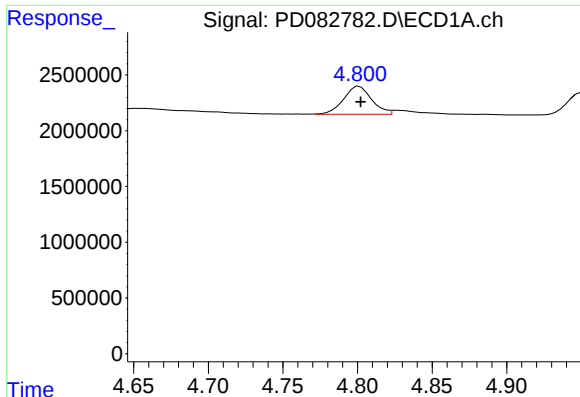
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 1013598
Conc: 0.97 ng/ml



#6 beta-BHC

R.T.: 3.900 min
Delta R.T.: 0.000 min
Response: 2797100
Conc: 1.17 ng/ml



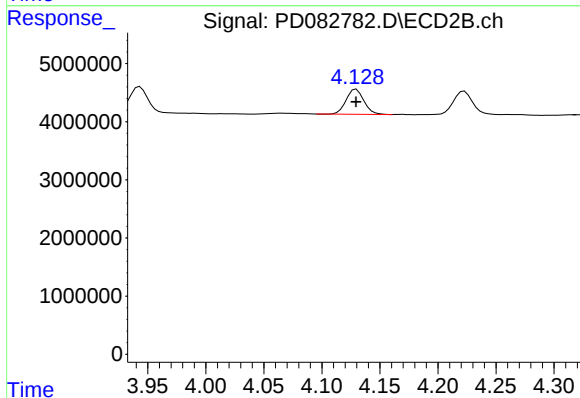
#7 delta-BHC

R.T.: 4.800 min
Delta R.T.: -0.002 min
Response: 3390099
Conc: 1.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

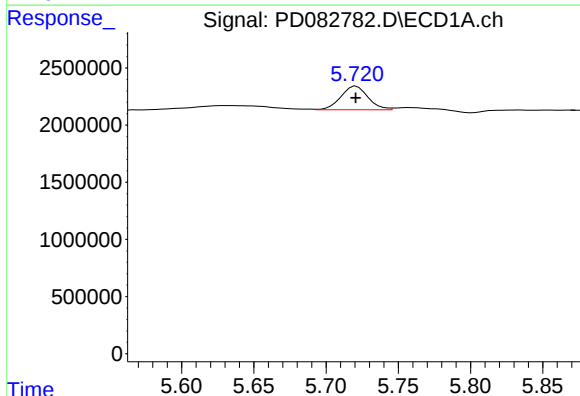
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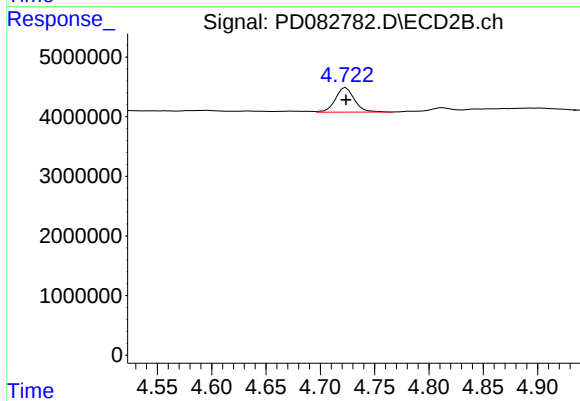
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: 0.000 min
Response: 4625359
Conc: 0.80 ng/ml



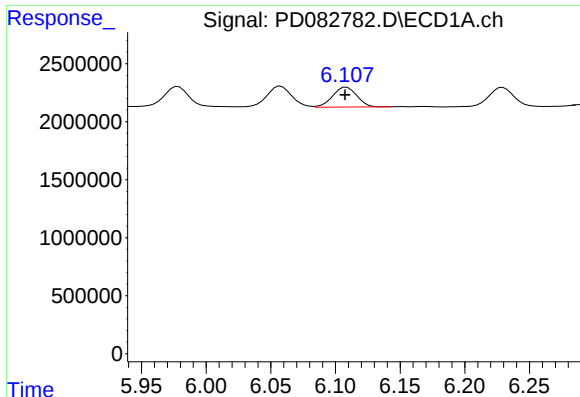
#8 Heptachlor epoxide

R.T.: 5.720 min
Delta R.T.: -0.001 min
Response: 2681411
Conc: 1.15 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.724 min
Delta R.T.: 0.000 min
Response: 5018565
Conc: 1.00 ng/ml



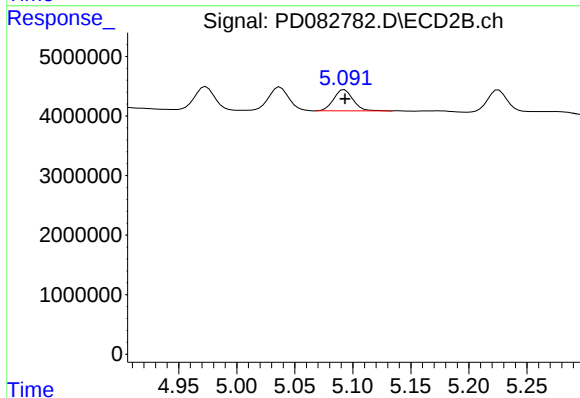
#9 Endosulfan I

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 2233176
Conc: 1.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

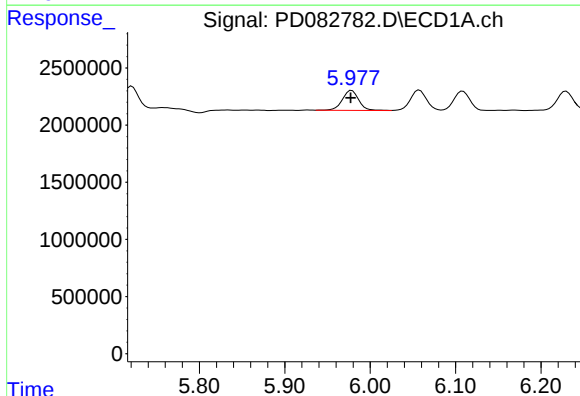
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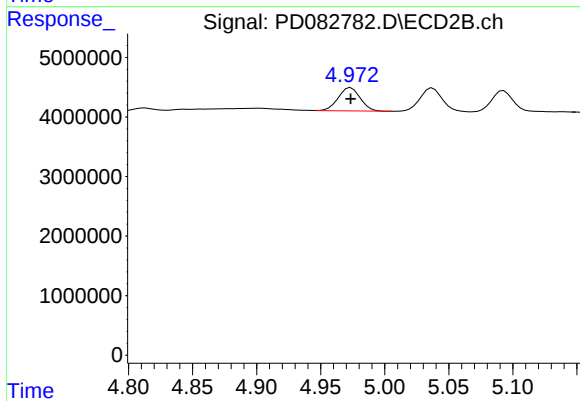
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 4127213
Conc: 0.89 ng/ml



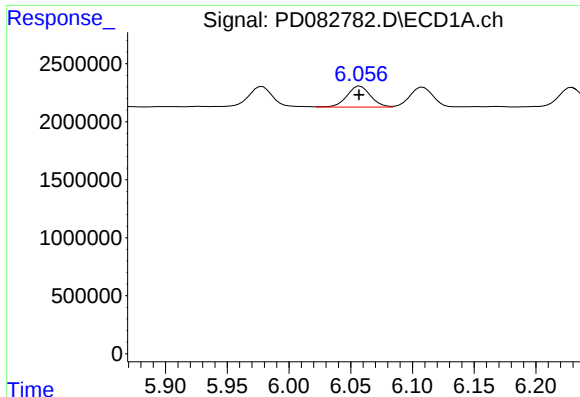
#10 gamma-Chlordane

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 2340313
Conc: 1.03 ng/ml m



#10 gamma-Chlordane

R.T.: 4.974 min
Delta R.T.: 0.000 min
Response: 4665905
Conc: 0.93 ng/ml



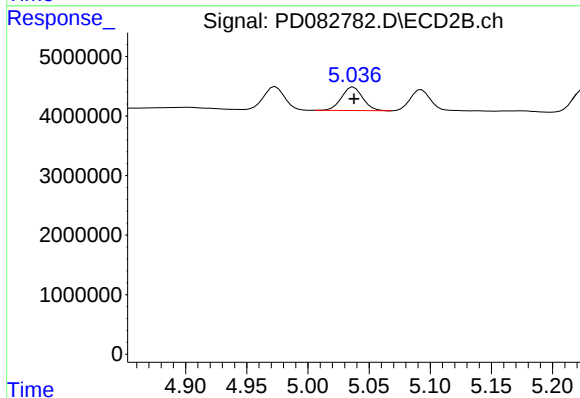
#11 alpha-Chlordane

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 2427211
Conc: 1.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
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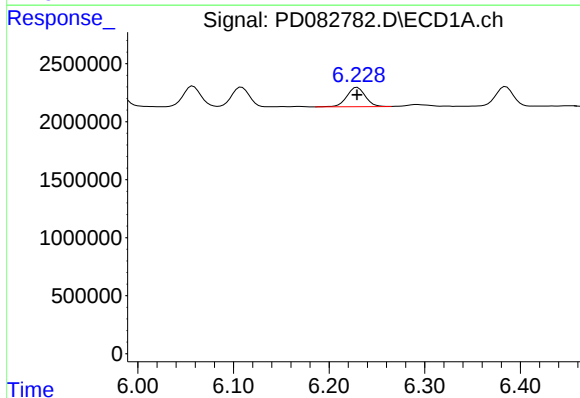
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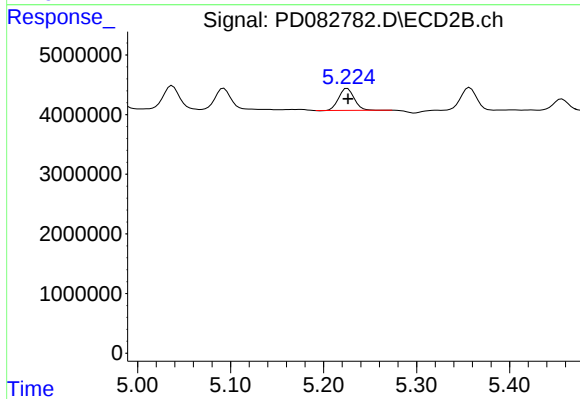
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 4759313
Conc: 0.96 ng/ml



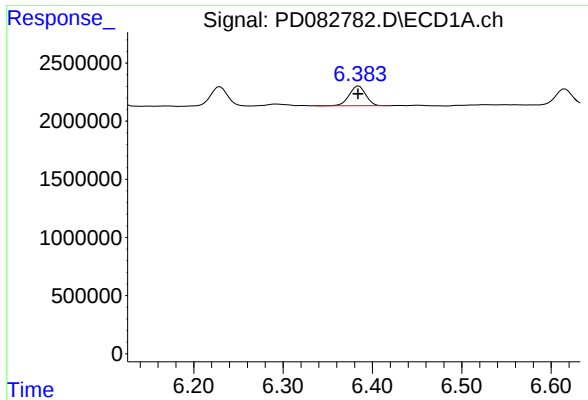
#12 4,4'-DDE

R.T.: 6.230 min
Delta R.T.: 0.000 min
Response: 2231708
Conc: 1.02 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 4290195
Conc: 0.92 ng/ml



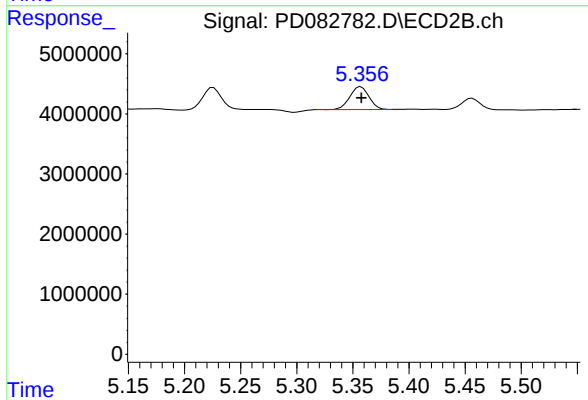
#13 Dieldrin

R.T.: 6.385 min
Delta R.T.: 0.000 min
Response: 2181759
Conc: 0.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
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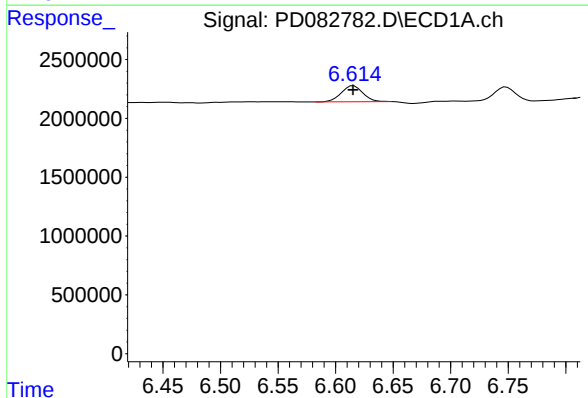
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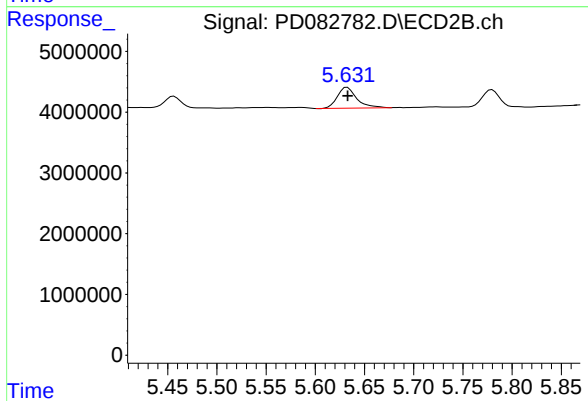
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: 0.000 min
Response: 4510529
Conc: 0.90 ng/ml



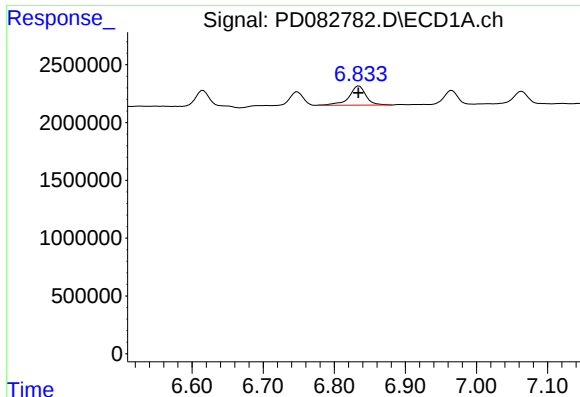
#14 Endrin

R.T.: 6.614 min
Delta R.T.: 0.000 min
Response: 1792087
Conc: 0.95 ng/ml m



#14 Endrin

R.T.: 5.633 min
Delta R.T.: 0.000 min
Response: 4743727
Conc: 1.08 ng/ml



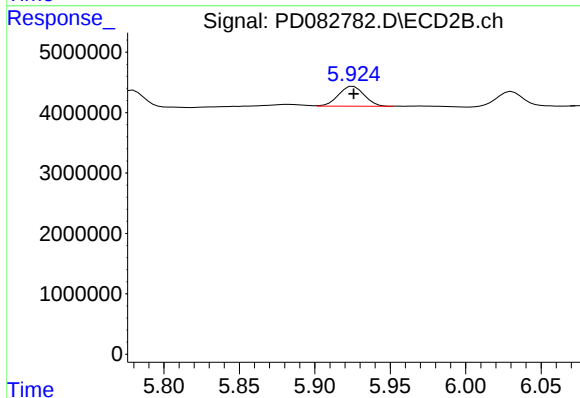
#15 Endosulfan II

R.T.: 6.835 min
Delta R.T.: 0.000 min
Response: 2745205
Conc: 1.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

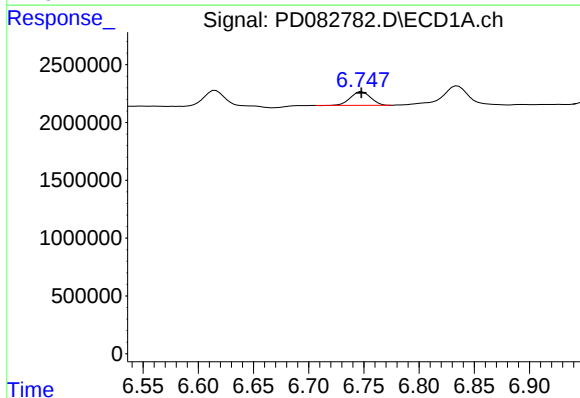
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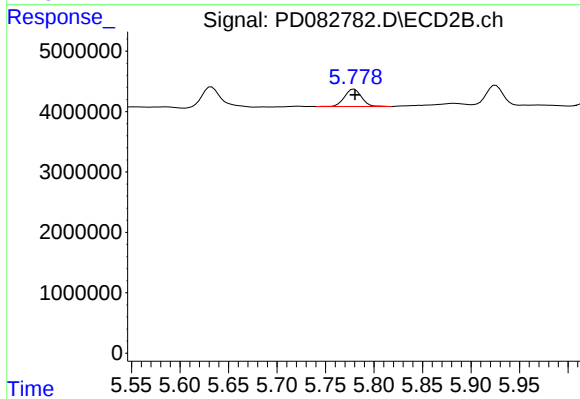
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 3934550
Conc: 0.94 ng/ml



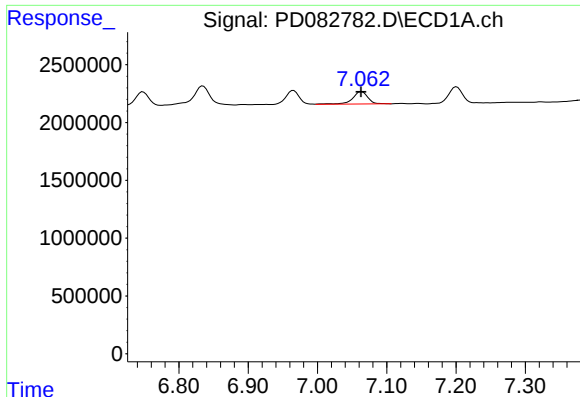
#16 4,4'-DDD

R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 1511136
Conc: 0.94 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 3509572
Conc: 0.93 ng/ml



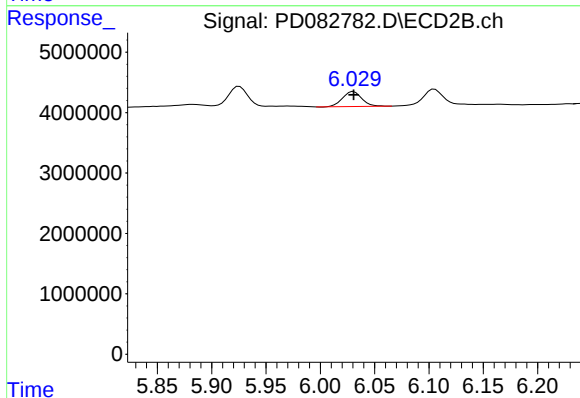
#17 4,4'-DDT

R.T.: 7.064 min
Delta R.T.: 0.000 min
Response: 1658619
Conc: 0.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
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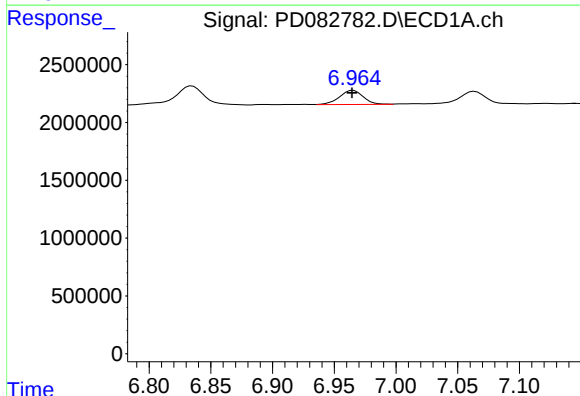
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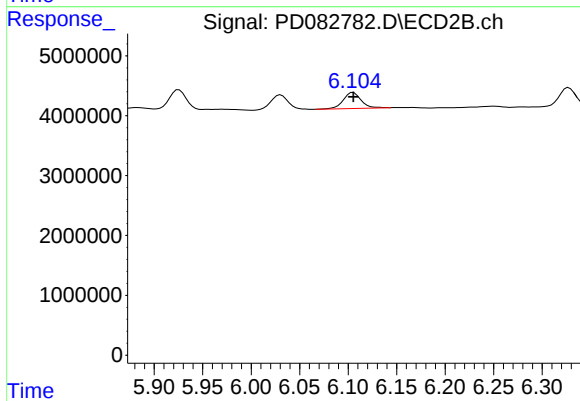
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 3047650
Conc: 0.79 ng/ml



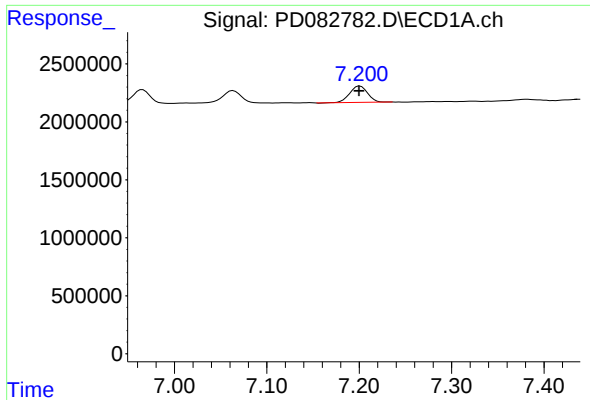
#18 Endrin aldehyde

R.T.: 6.966 min
Delta R.T.: 0.001 min
Response: 1635117
Conc: 1.17 ng/ml



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 3426881
Conc: 1.10 ng/ml



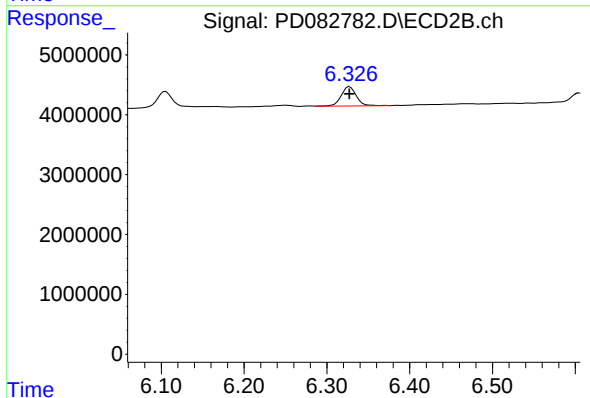
#19 Endosulfan Sulfate

R.T.: 7.201 min
Delta R.T.: 0.000 min
Response: 1921259
Conc: 1.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

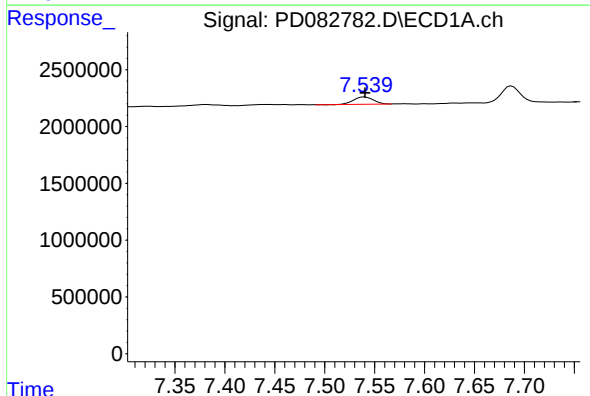
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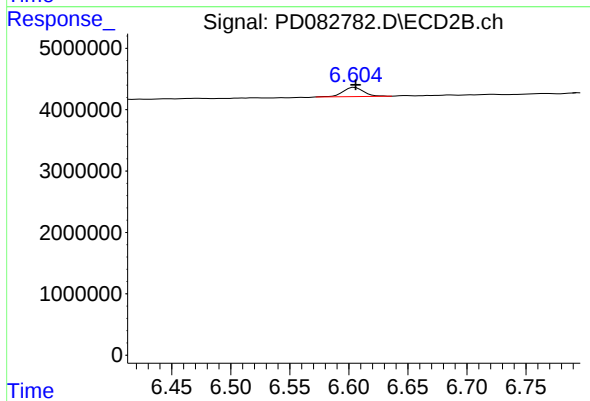
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: 0.000 min
Response: 4119562
Conc: 1.03 ng/ml



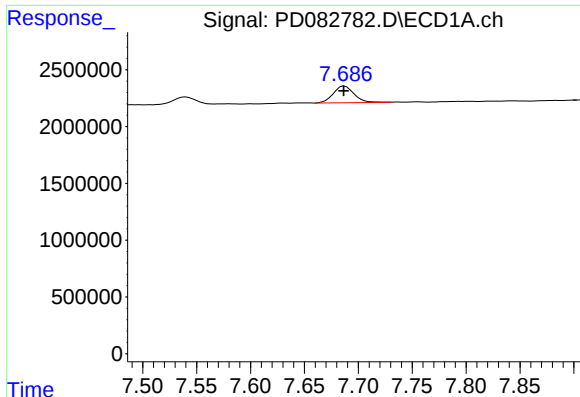
#20 Methoxychlor

R.T.: 7.540 min
Delta R.T.: 0.000 min
Response: 875902
Conc: 0.96 ng/ml



#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: 0.000 min
Response: 1834156
Conc: 0.90 ng/ml



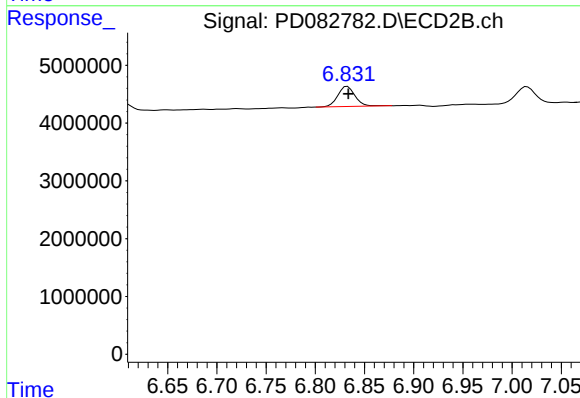
#21 Endrin ketone

R.T.: 7.687 min
Delta R.T.: 0.000 min
Response: 1986429
Conc: 1.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

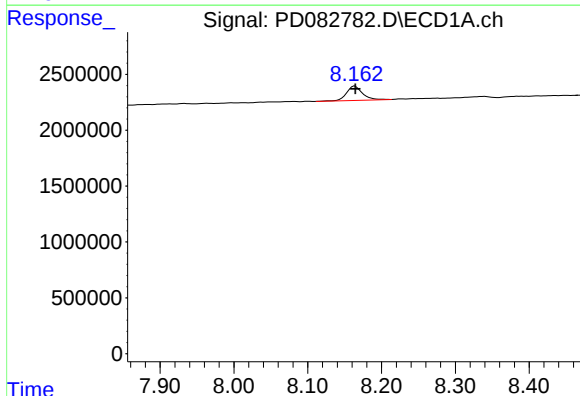
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/15/2024
Supervised By :Ankita Jodhani 05/15/2024



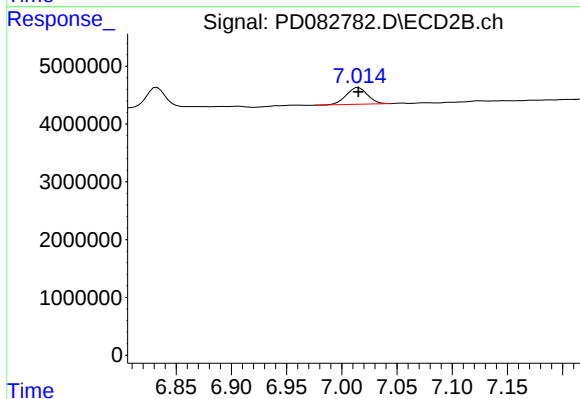
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: -0.001 min
Response: 4244021
Conc: 0.93 ng/ml



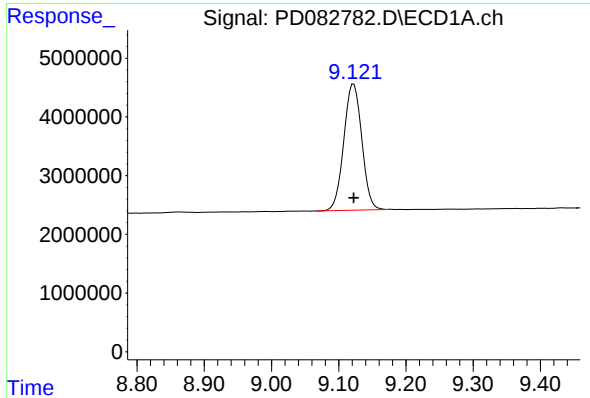
#22 Mirex

R.T.: 8.164 min
Delta R.T.: 0.000 min
Response: 1912487
Conc: 1.25 ng/ml



#22 Mirex

R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 3861197
Conc: 1.08 ng/ml



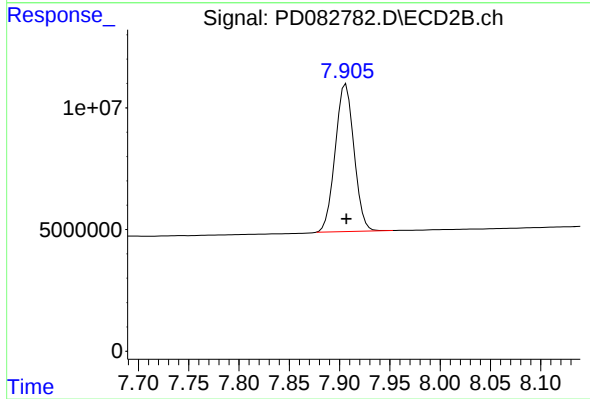
#28 Decachlorobiphenyl

R.T.: 9.122 min
Delta R.T.: 0.000 min
Response: 39965216
Conc: 20.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.906 min
Delta R.T.: 0.000 min
Response: 78666296
Conc: 20.35 ng/ml