

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101624\
 Data File : PD086077.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Oct 2024 11:31
 Operator : AR\AJ
 Sample : P4368-07
 Misc : PEST LOD 1PPB WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/17/2024
 Supervised By : Ankita Jodhani 10/17/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 11:44:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101124.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 11 13:57:25 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 x 0.5 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...	3.445	2.876	20296763	114.6E6	16.718m	18.360
2) SA Decachlor...	8.903	8.059	38470912	112.1E6	17.815	21.041
Target Compounds						
2) A alpha-BHC	3.889	3.385	2377078	13336718	1.098	1.460 #
3) MA gamma-BHC...	4.215	3.719	3633754	12743810	1.636	1.486
4) MA Heptachlor	4.810	4.071	2926669	12405228	1.465	1.737
5) MB Aldrin	5.149	4.355	2616417	10745286	1.148	1.247m
6) B beta-BHC	4.403	4.014	1336775	10196121	1.501	2.763m#
7) B delta-BHC	4.647	4.249	3302353	13673551	1.645m	1.652m
8) B Heptachlo...	5.564	4.860	3958479	11204642	1.899m	1.497
9) A Endosulfan I	5.949	5.234	2470319	6911881	1.270	1.009
10) B gamma-Chl...	5.822	5.112	2811584	12009269	1.396	1.588
11) B alpha-Chl...	5.900	5.176	2971305	12079061	1.455m	1.605
12) B 4,4'-DDE	6.073	5.360	1731518	9680141	1.000m	1.425 #
13) MA Dieldrin	6.221	5.499	2420551	11445925	1.180	1.512 #
14) MA Endrin	6.447	5.777	1850787	13243109	1.087	2.129 #
15) B Endosulfa...	6.657	6.067	2991049	8962163	1.635m	1.415m
16) A 4,4'-DDD	6.581	5.914	1709935	8260645	1.250m	1.592m#
17) MA 4,4'-DDT	6.898	6.169	1641859	8758881	1.104	1.659m#
18) B Endrin al...	6.788	6.245	2022093	9337971	1.337	1.781m#
19) B Endosulfa...	7.023	6.467	2466557	3538313	1.420	0.630m#
20) A Methoxychlor	7.370	6.741	1241492	4927612	1.378m	1.843 #
21) B Endrin ke...	7.500	6.982	2023236	12130092	1.052	1.754 #
22) Mirex	7.980	7.170	3237151	3832988	1.914	0.654 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101624\
Data File : PD086077.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2024 11:31
Operator : AR\AJ
Sample : P4368-07
Misc : PEST LOD 1PPB WATER
ALS Vial : 8 Sample Multiplier: 1

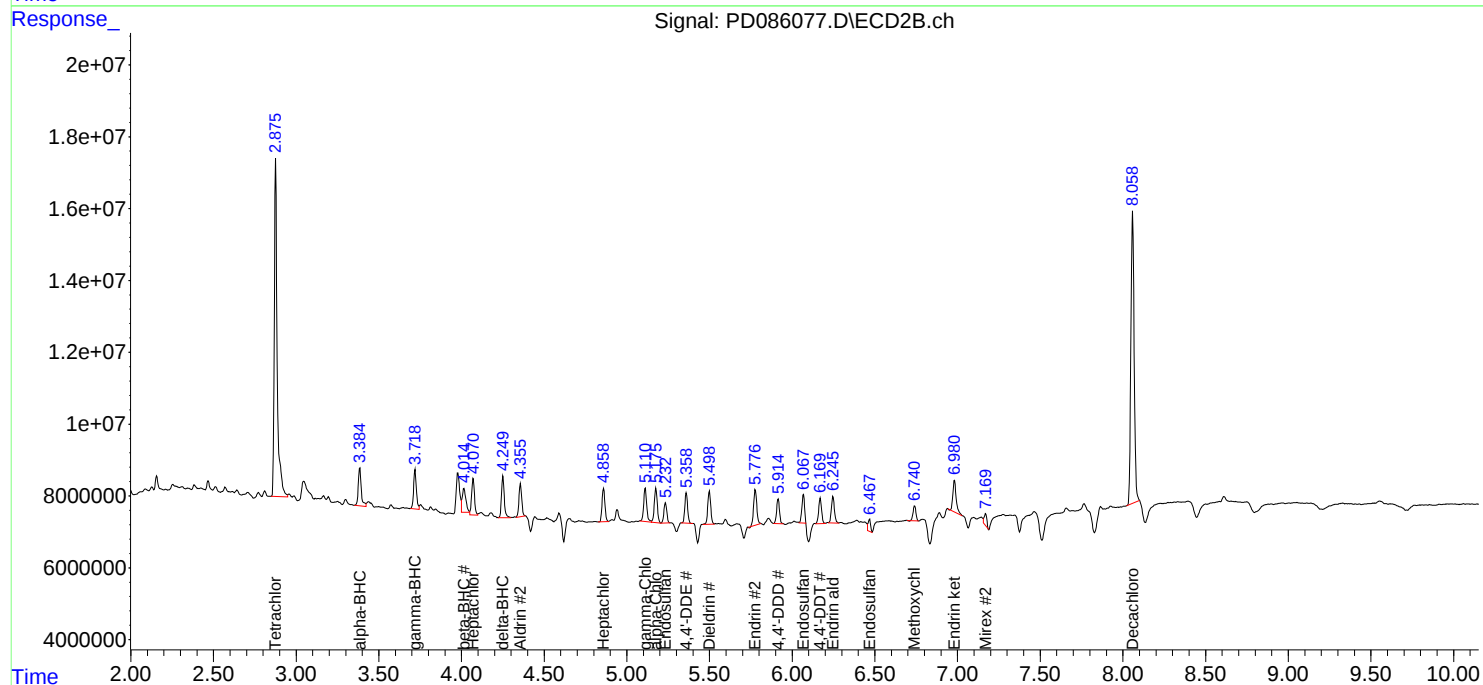
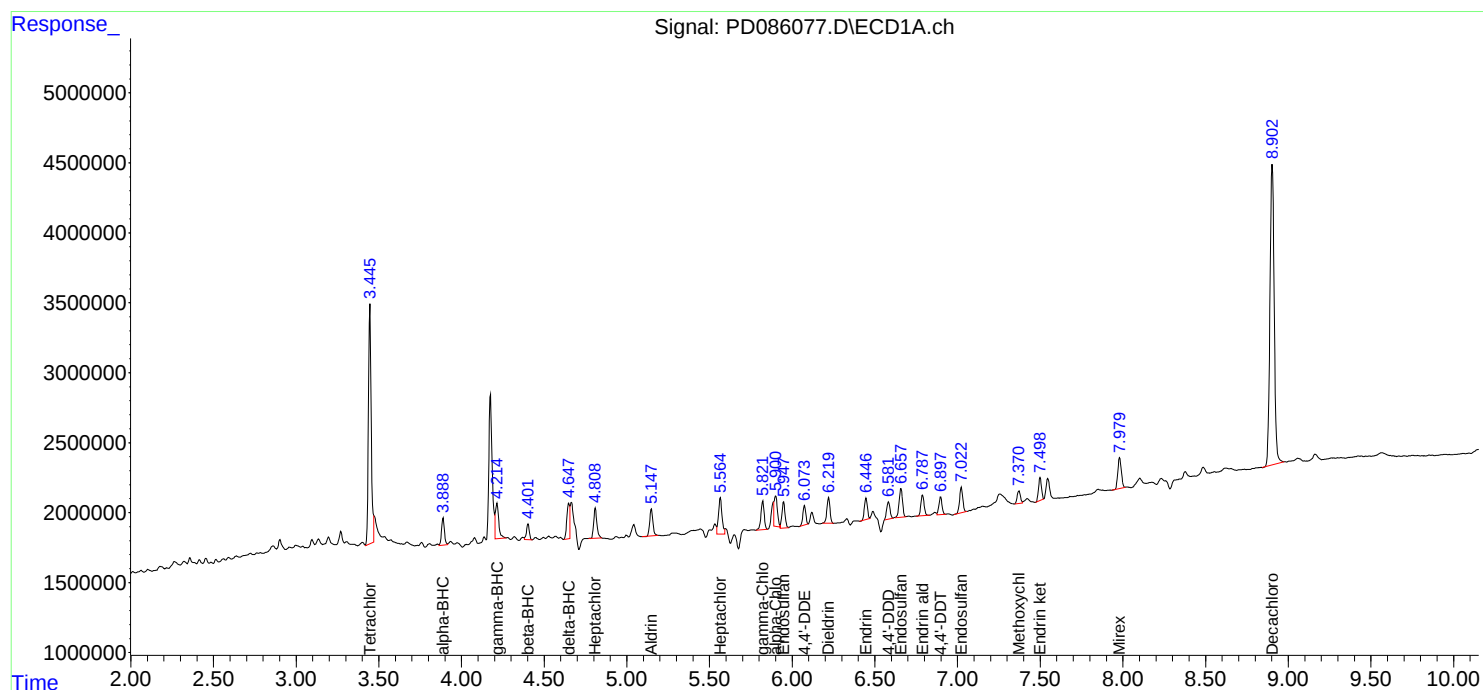
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

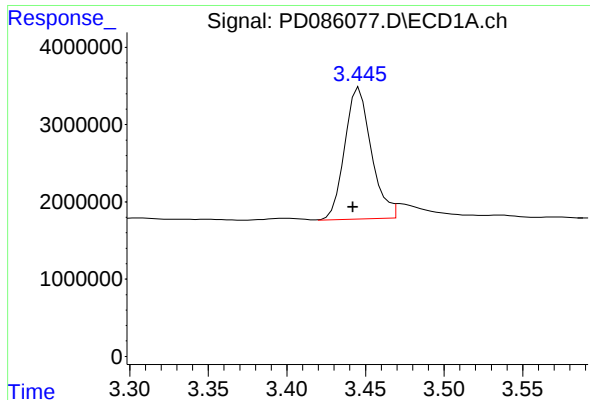
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/17/2024
Supervised By :Ankita Jodhani 10/17/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 11:44:32 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101124.M
Quant Title : GC Extractables
QLast Update : Fri Oct 11 13:57:25 2024
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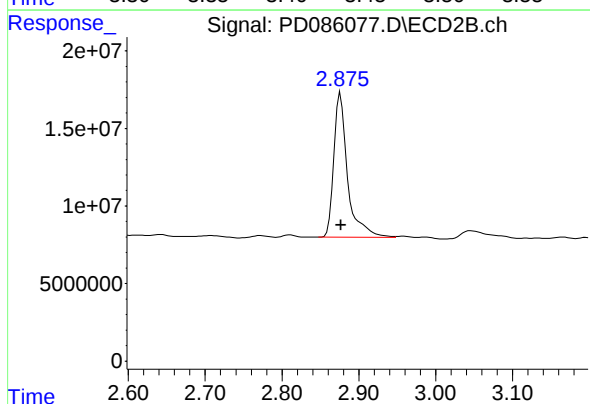
#1 Tetrachloro-m-xylene

R.T.: 3.445 min
Delta R.T.: 0.003 min
Response: 20296763
Conc: 16.72 ng/ml

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

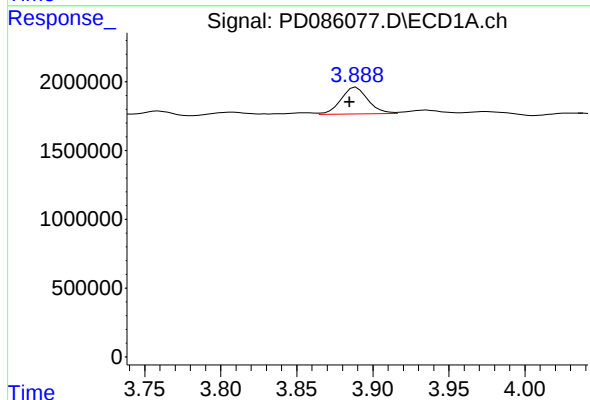
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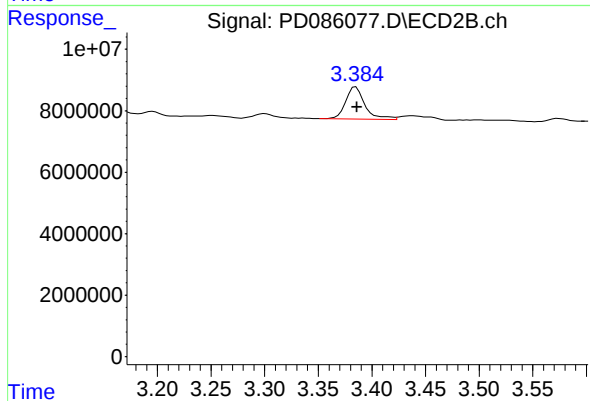
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: 0.000 min
Response: 114621077
Conc: 18.36 ng/ml



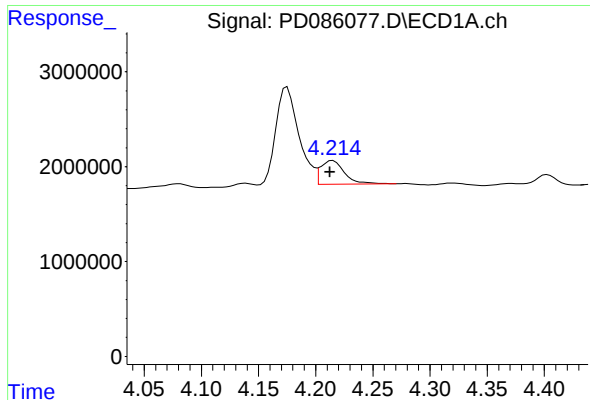
#2 alpha-BHC

R.T.: 3.889 min
Delta R.T.: 0.004 min
Response: 2377078
Conc: 1.10 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: 0.000 min
Response: 13336718
Conc: 1.46 ng/ml



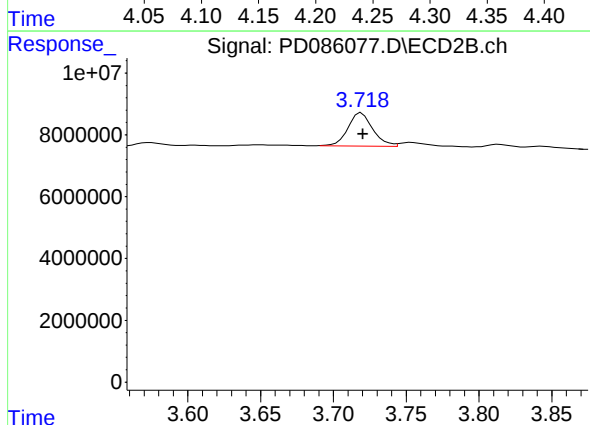
#3 gamma-BHC (Lindane)

R.T.: 4.215 min
Delta R.T.: 0.003 min
Response: 3633754
Conc: 1.64 ng/ml

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

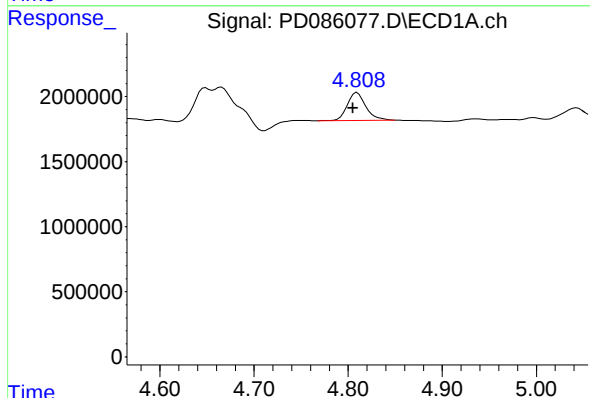
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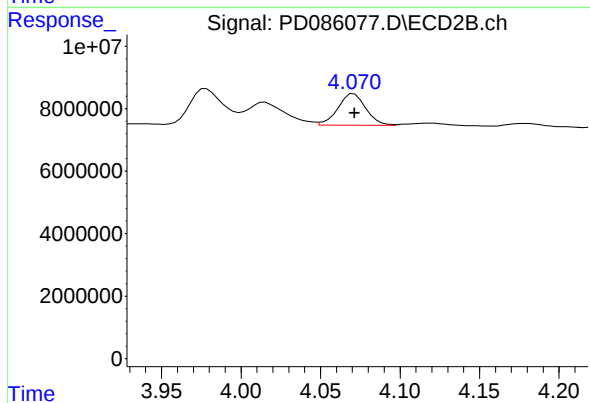
#3 gamma-BHC (Lindane)

R.T.: 3.719 min
Delta R.T.: 0.000 min
Response: 12743810
Conc: 1.49 ng/ml



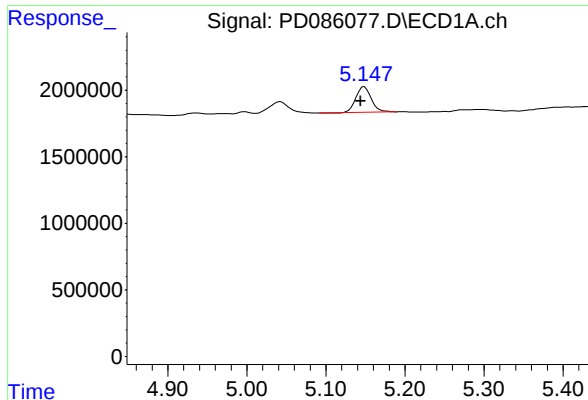
#4 Heptachlor

R.T.: 4.810 min
Delta R.T.: 0.005 min
Response: 2926669
Conc: 1.46 ng/ml



#4 Heptachlor

R.T.: 4.071 min
Delta R.T.: 0.000 min
Response: 12405228
Conc: 1.74 ng/ml



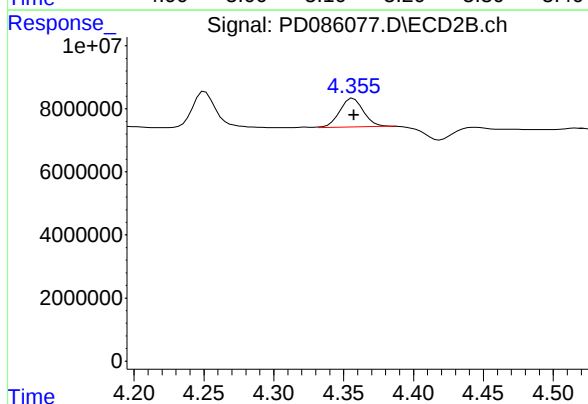
#5 Aldrin

R.T.: 5.149 min
Delta R.T.: 0.005 min
Response: 2616417
Conc: 1.15 ng/ml

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

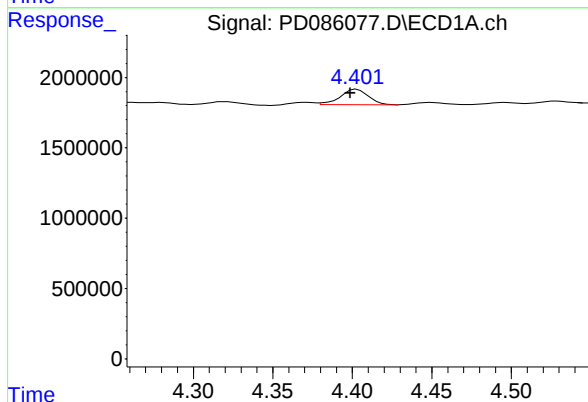
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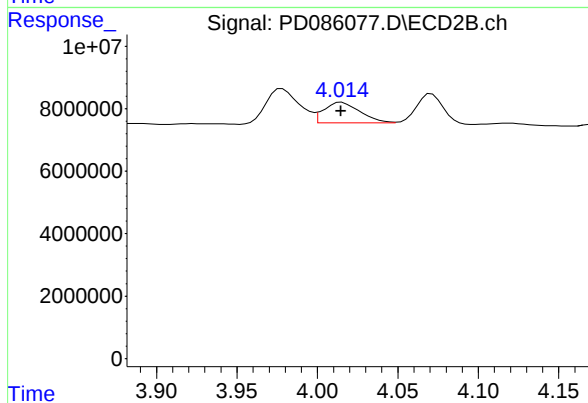
#5 Aldrin

R.T.: 4.355 min
Delta R.T.: -0.002 min
Response: 10745286
Conc: 1.25 ng/ml m



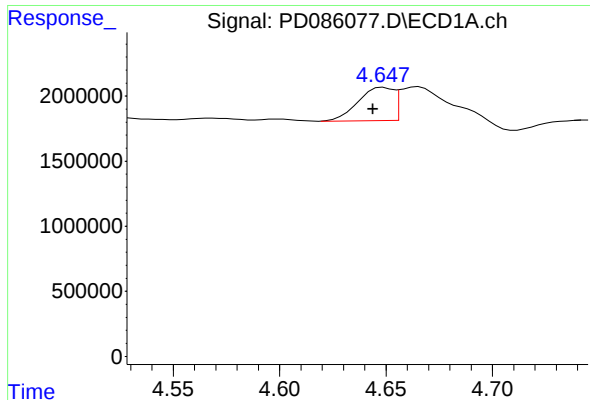
#6 beta-BHC

R.T.: 4.403 min
Delta R.T.: 0.004 min
Response: 1336775
Conc: 1.50 ng/ml



#6 beta-BHC

R.T.: 4.014 min
Delta R.T.: -0.001 min
Response: 10196121
Conc: 2.76 ng/ml m



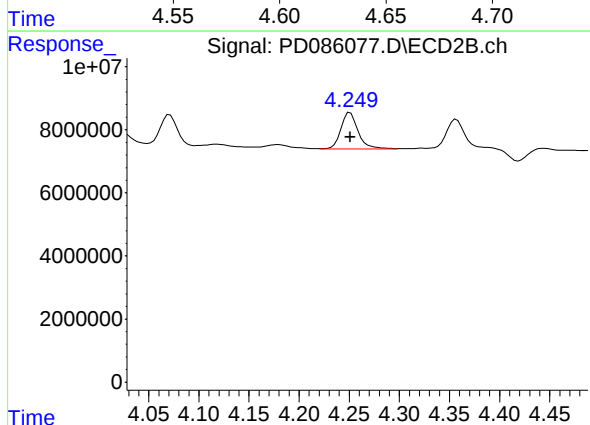
#7 delta-BHC

R.T.: 4.647 min
Delta R.T.: 0.003 min
Response: 3302353
Conc: 1.65 ng/ml

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

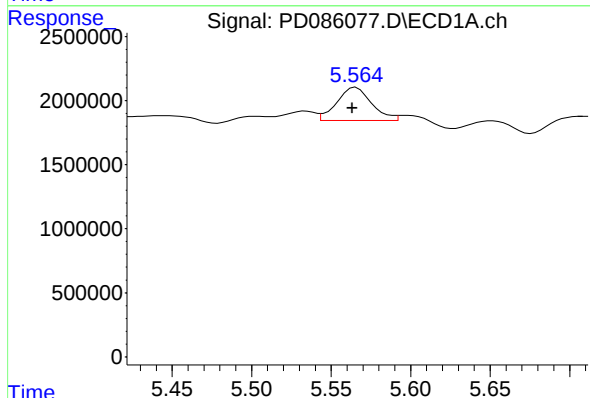
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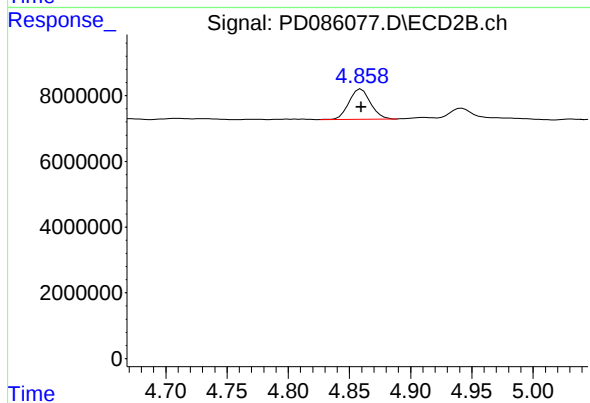
#7 delta-BHC

R.T.: 4.249 min
Delta R.T.: -0.002 min
Response: 13673551
Conc: 1.65 ng/ml m



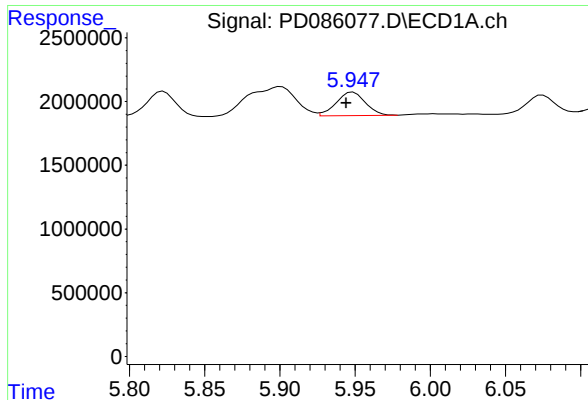
#8 Heptachlor epoxide

R.T.: 5.564 min
Delta R.T.: 0.000 min
Response: 3958479
Conc: 1.90 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.860 min
Delta R.T.: 0.000 min
Response: 11204642
Conc: 1.50 ng/ml



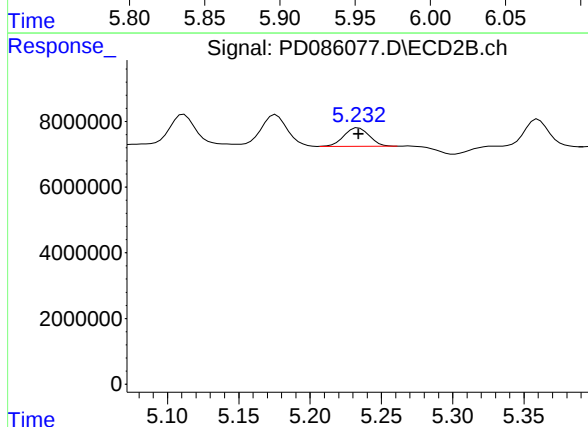
#9 Endosulfan I

R.T.: 5.949 min
Delta R.T.: 0.004 min
Response: 2470319
Conc: 1.27 ng/ml

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

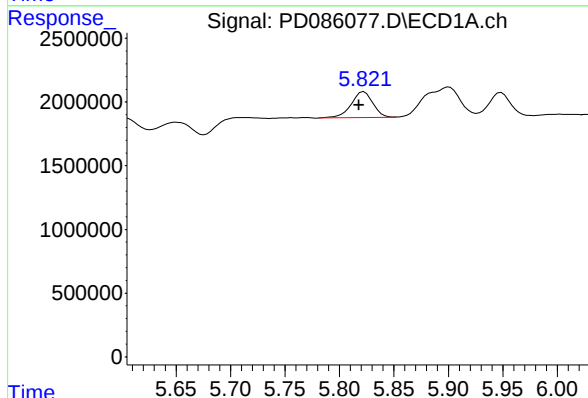
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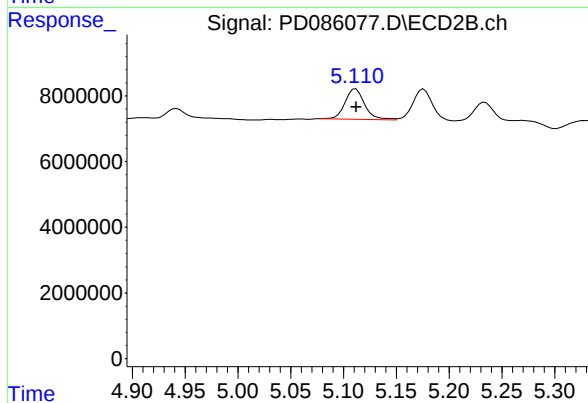
#9 Endosulfan I

R.T.: 5.234 min
Delta R.T.: 0.000 min
Response: 6911881
Conc: 1.01 ng/ml



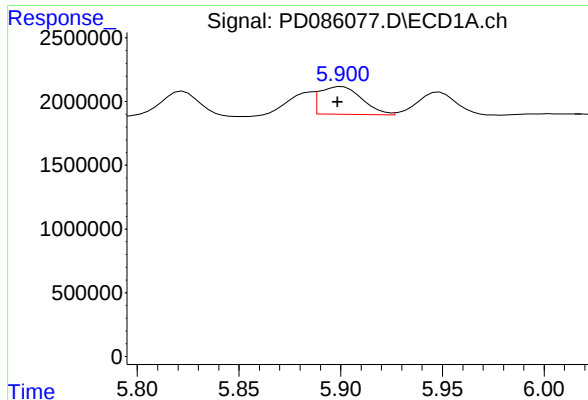
#10 gamma-Chlordane

R.T.: 5.822 min
Delta R.T.: 0.004 min
Response: 2811584
Conc: 1.40 ng/ml



#10 gamma-Chlordane

R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 12009269
Conc: 1.59 ng/ml



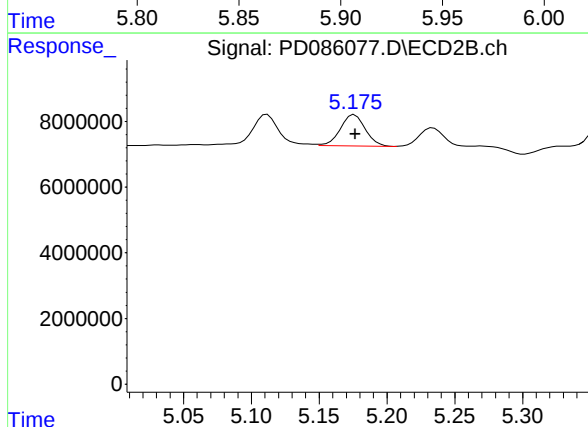
#11 alpha-Chlordane

R.T.: 5.900 min
Delta R.T.: 0.000 min
Response: 2971305
Conc: 1.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
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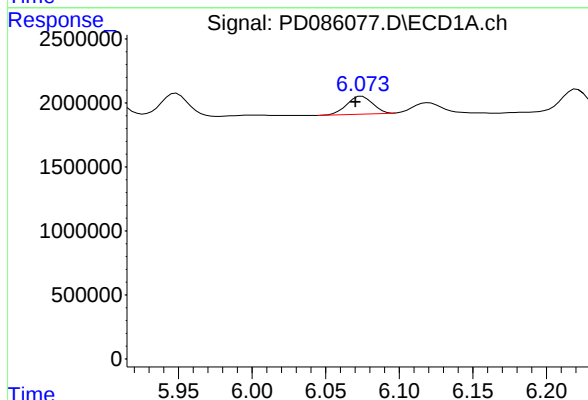
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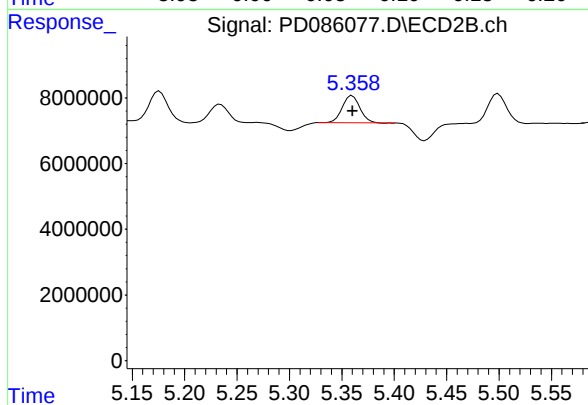
#11 alpha-Chlordane

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 12079061
Conc: 1.60 ng/ml



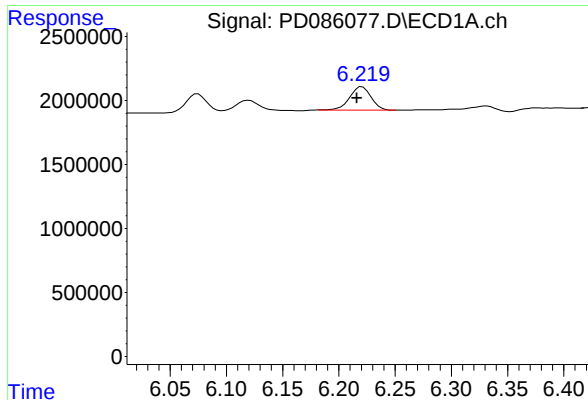
#12 4,4'-DDE

R.T.: 6.073 min
Delta R.T.: 0.003 min
Response: 1731518
Conc: 1.00 ng/ml m



#12 4,4'-DDE

R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 9680141
Conc: 1.42 ng/ml



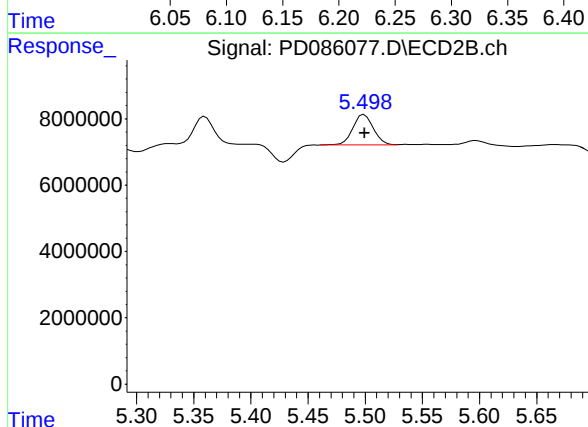
#13 Dieldrin

R.T.: 6.221 min
Delta R.T.: 0.005 min
Response: 2420551
Conc: 1.18 ng/ml

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

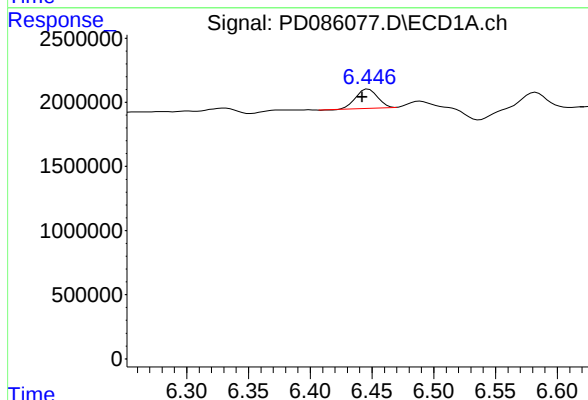
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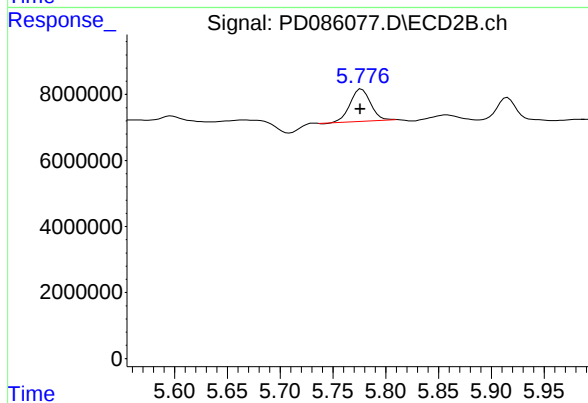
#13 Dieldrin

R.T.: 5.499 min
Delta R.T.: 0.000 min
Response: 11445925
Conc: 1.51 ng/ml



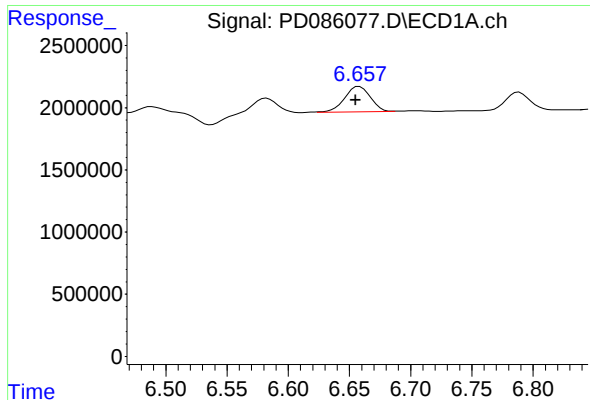
#14 Endrin

R.T.: 6.447 min
Delta R.T.: 0.005 min
Response: 1850787
Conc: 1.09 ng/ml



#14 Endrin

R.T.: 5.777 min
Delta R.T.: 0.001 min
Response: 13243109
Conc: 2.13 ng/ml



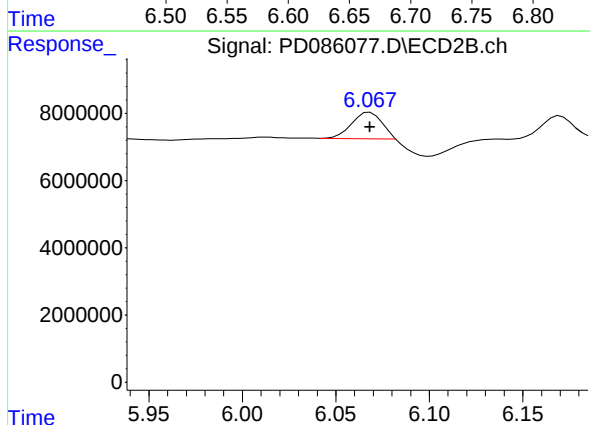
#15 Endosulfan II

R.T.: 6.657 min
Delta R.T.: 0.002 min
Response: 2991049
Conc: 1.63 ng/ml

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

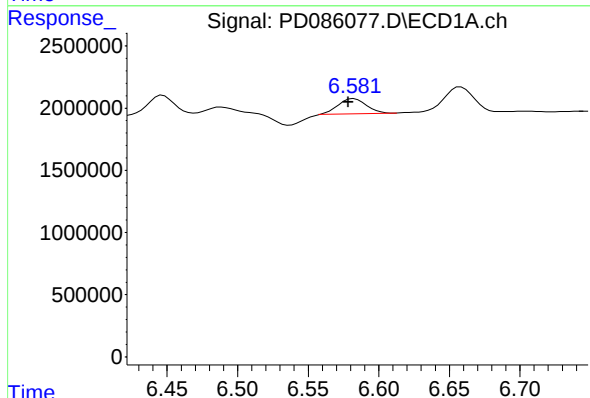
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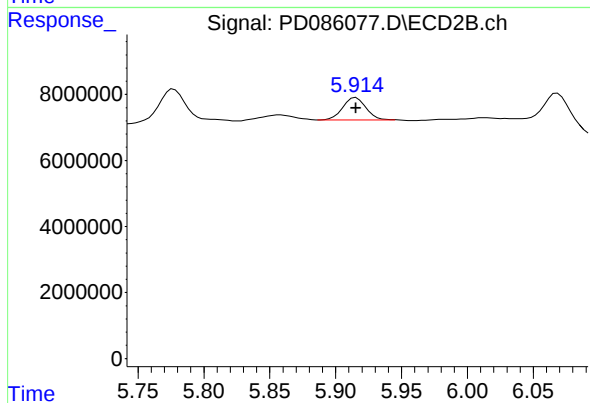
#15 Endosulfan II

R.T.: 6.067 min
Delta R.T.: -0.001 min
Response: 8962163
Conc: 1.41 ng/ml m



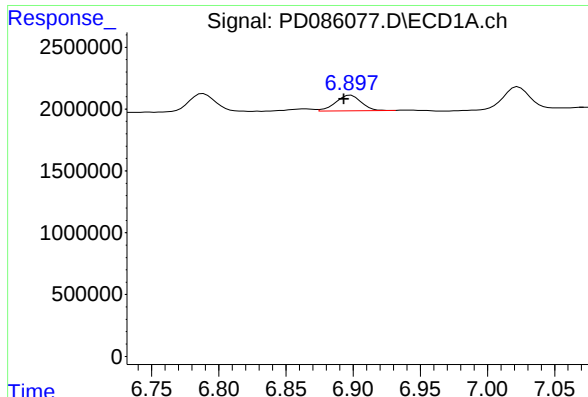
#16 4,4'-DDD

R.T.: 6.581 min
Delta R.T.: 0.003 min
Response: 1709935
Conc: 1.25 ng/ml m



#16 4,4'-DDD

R.T.: 5.914 min
Delta R.T.: -0.001 min
Response: 8260645
Conc: 1.59 ng/ml m



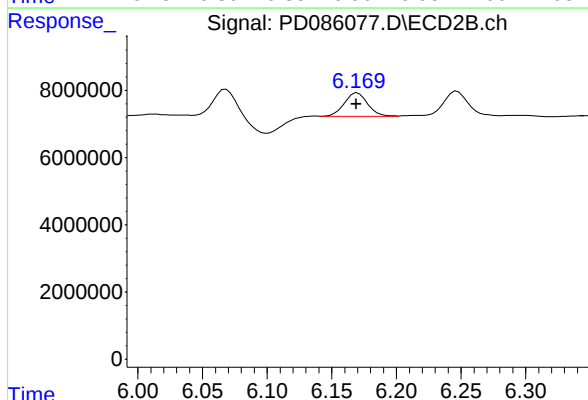
#17 4,4'-DDT

R.T.: 6.898 min
Delta R.T.: 0.005 min
Response: 1641859
Conc: 1.10 ng/ml

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

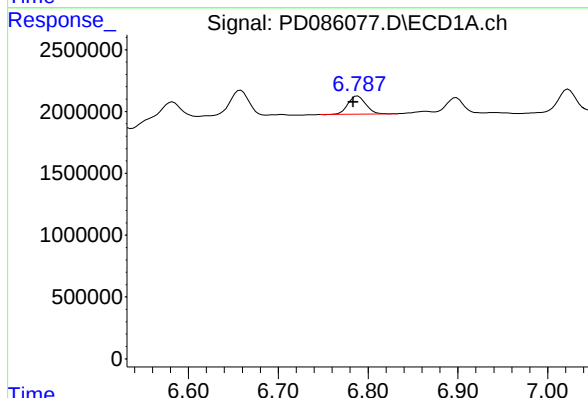
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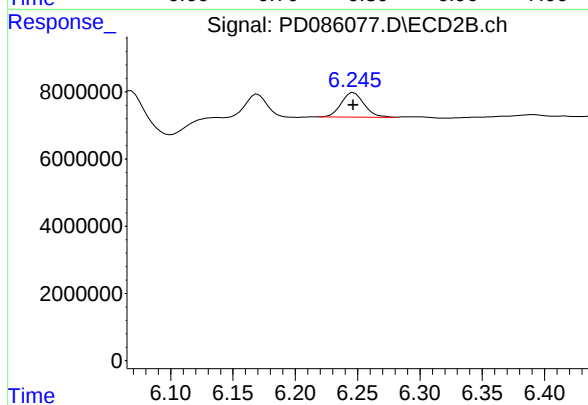
#17 4,4'-DDT

R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 8758881
Conc: 1.66 ng/ml m



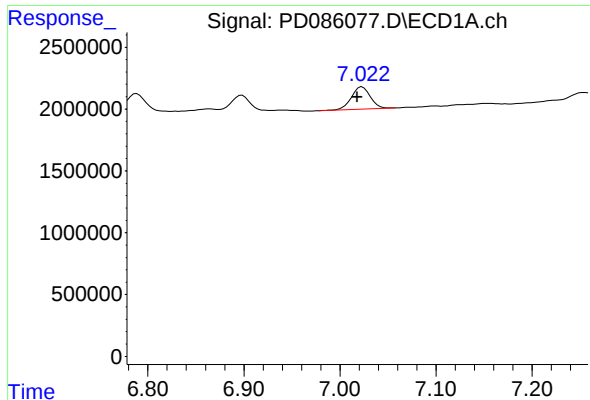
#18 Endrin aldehyde

R.T.: 6.788 min
Delta R.T.: 0.005 min
Response: 2022093
Conc: 1.34 ng/ml



#18 Endrin aldehyde

R.T.: 6.245 min
Delta R.T.: -0.001 min
Response: 9337971
Conc: 1.78 ng/ml m



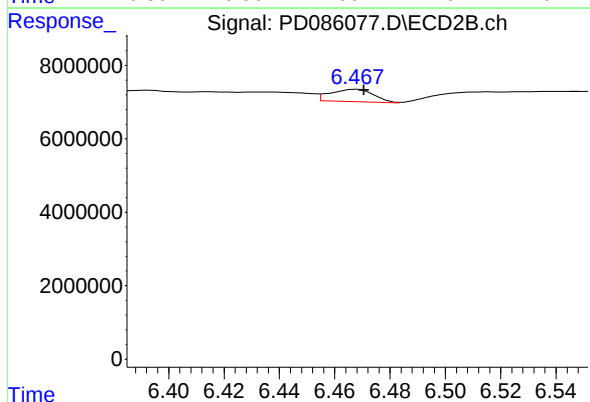
#19 Endosulfan Sulfate

R.T.: 7.023 min
Delta R.T.: 0.005 min
Response: 2466557
Conc: 1.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
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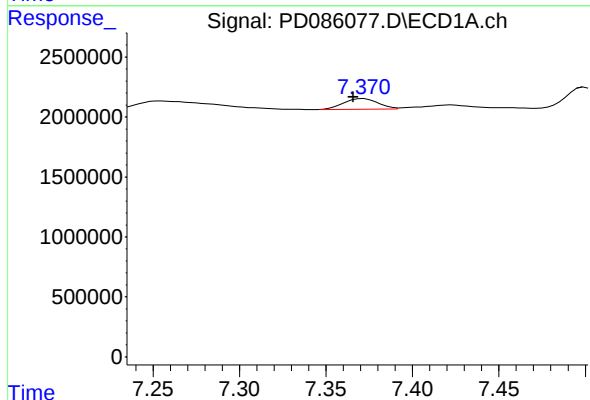
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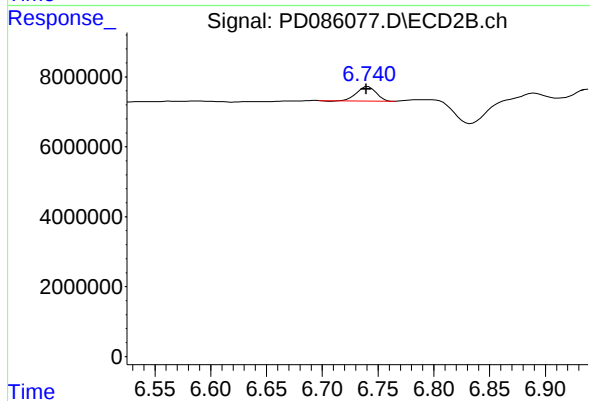
#19 Endosulfan Sulfate

R.T.: 6.467 min
Delta R.T.: -0.003 min
Response: 3538313
Conc: 0.63 ng/ml m



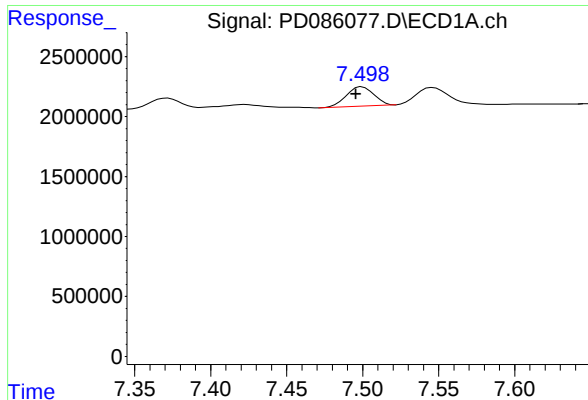
#20 Methoxychlor

R.T.: 7.370 min
Delta R.T.: 0.005 min
Response: 1241492
Conc: 1.38 ng/ml m



#20 Methoxychlor

R.T.: 6.741 min
Delta R.T.: 0.002 min
Response: 4927612
Conc: 1.84 ng/ml



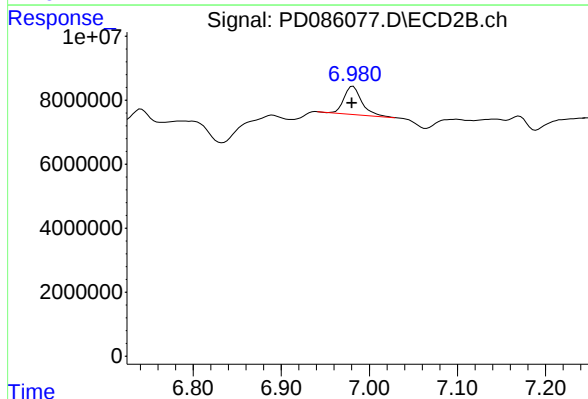
#21 Endrin ketone

R.T.: 7.500 min
Delta R.T.: 0.004 min
Response: 2023236
Conc: 1.05 ng/ml

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

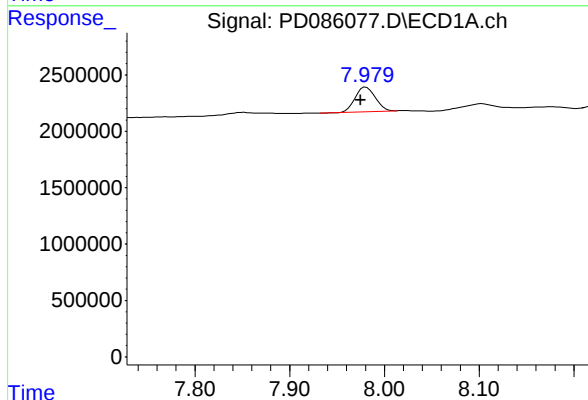
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/17/2024
Supervised By :Ankita Jodhani 10/17/2024



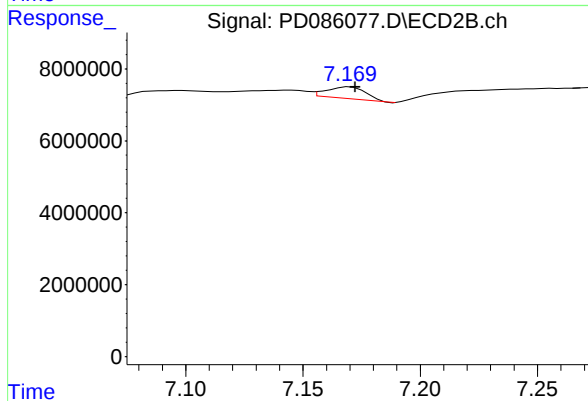
#21 Endrin ketone

R.T.: 6.982 min
Delta R.T.: 0.001 min
Response: 12130092
Conc: 1.75 ng/ml



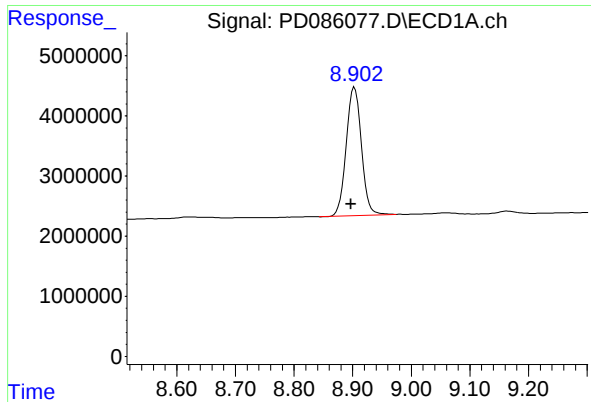
#22 Mirex

R.T.: 7.980 min
Delta R.T.: 0.005 min
Response: 3237151
Conc: 1.91 ng/ml



#22 Mirex

R.T.: 7.170 min
Delta R.T.: -0.002 min
Response: 3832988
Conc: 0.65 ng/ml



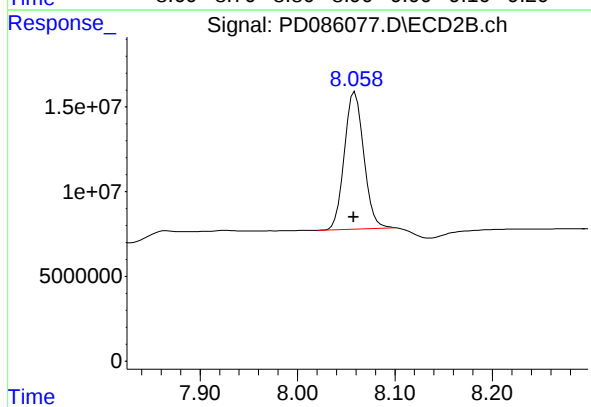
#28 Decachlorobiphenyl

R.T.: 8.903 min
Delta R.T.: 0.006 min
Response: 38470912
Conc: 17.82 ng/ml

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

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: 0.002 min
Response: 112077484
Conc: 21.04 ng/ml