

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031621\
 Data File : PD061637.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Mar 2021 12:20
 Operator : AR\AJ
 Sample : M1458-07
 Misc : PEST LOD 1 PPB
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2021

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 17 05:55:25 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031521.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 16 02:33:48 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.485	3.981	14736687	147.2E6	18.884	19.231
28)	SA Decachlor...	8.257	9.037	21459098	161.6E6	19.001	19.297
Target Compounds							
2)	A alpha-BHC	3.924	4.369	1228213	10258854	1.034	0.893
3)	MA gamma-BHC...	4.209	4.654	1110441	10473955	1.019	1.001
4)	MA Heptachlor	4.513	5.162	904906	11217146	1.135	1.165
5)	MB Aldrin	4.763	5.467	1067339	11331704	0.971	1.039
6)	B beta-BHC	4.458	4.823	771163	3295564	1.527m	0.778 #
7)	B delta-BHC	4.665	5.039	1001311	11569677	0.895	1.085
8)	B Heptachlo...	5.207	5.853	1013487	11989203	0.976	1.250 #
9)	A Endosulfan I	5.548	6.209	1019424	9603116	1.014	1.033
10)	B gamma-Chl...	5.435	6.086	1070813	12470197	1.002	1.207
11)	B alpha-Chl...	5.493	6.159	997229	10599478	0.944	1.083
12)	B 4,4'-DDE	5.656	6.315	1014782	11808666	0.974	1.179
13)	MA Dieldrin	5.791	6.466	979888	11236223	0.956	1.116
14)	MA Endrin	6.050	6.683	956438	8969660	1.046	1.089
15)	B Endosulfa...	6.322	6.892	949591	11819583	1.011m	1.409 #
16)	A 4,4'-DDD	6.174	6.805	601230	10118985	0.786	1.261 #
17)	MA 4,4'-DDT	6.414	7.102	742483	10636203	0.930m	1.260 #
18)	B Endrin al...	6.490	7.014	784696	7125547	1.040m	1.037m
19)	B Endosulfa...	6.706	7.237	1042832	9721682	1.076	1.117m
20)	A Methoxychlor	6.962	7.562	281938	2336673	0.725m	0.611m
21)	B Endrin ke...	7.199	7.709	1154895	10615462	0.996	1.165
22)	Mirex	7.391	8.162	1185800	8279108	1.359	1.451

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031621\
 Data File : PD061637.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Mar 2021 12:20
 Operator : AR\AJ
 Sample : M1458-07
 Misc : PEST LOD 1 PPB
 ALS Vial : 12 Sample Multiplier: 1

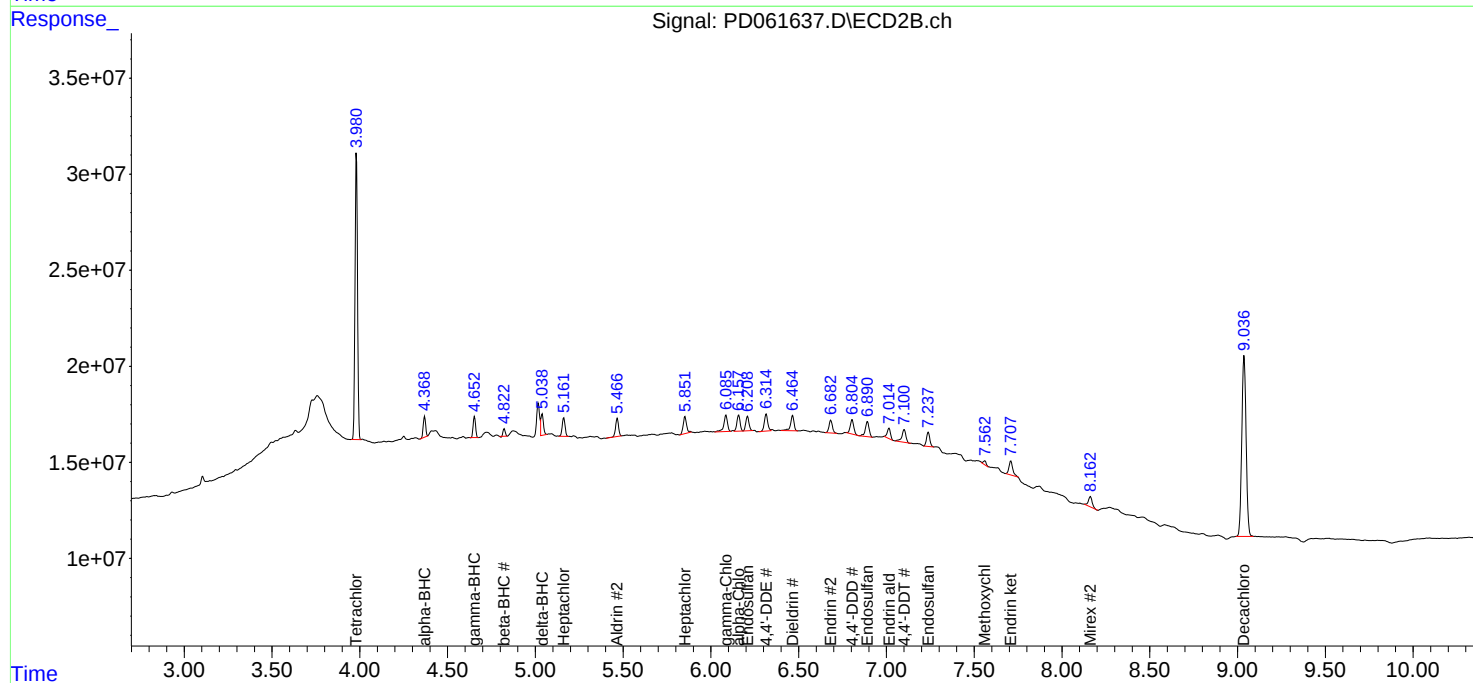
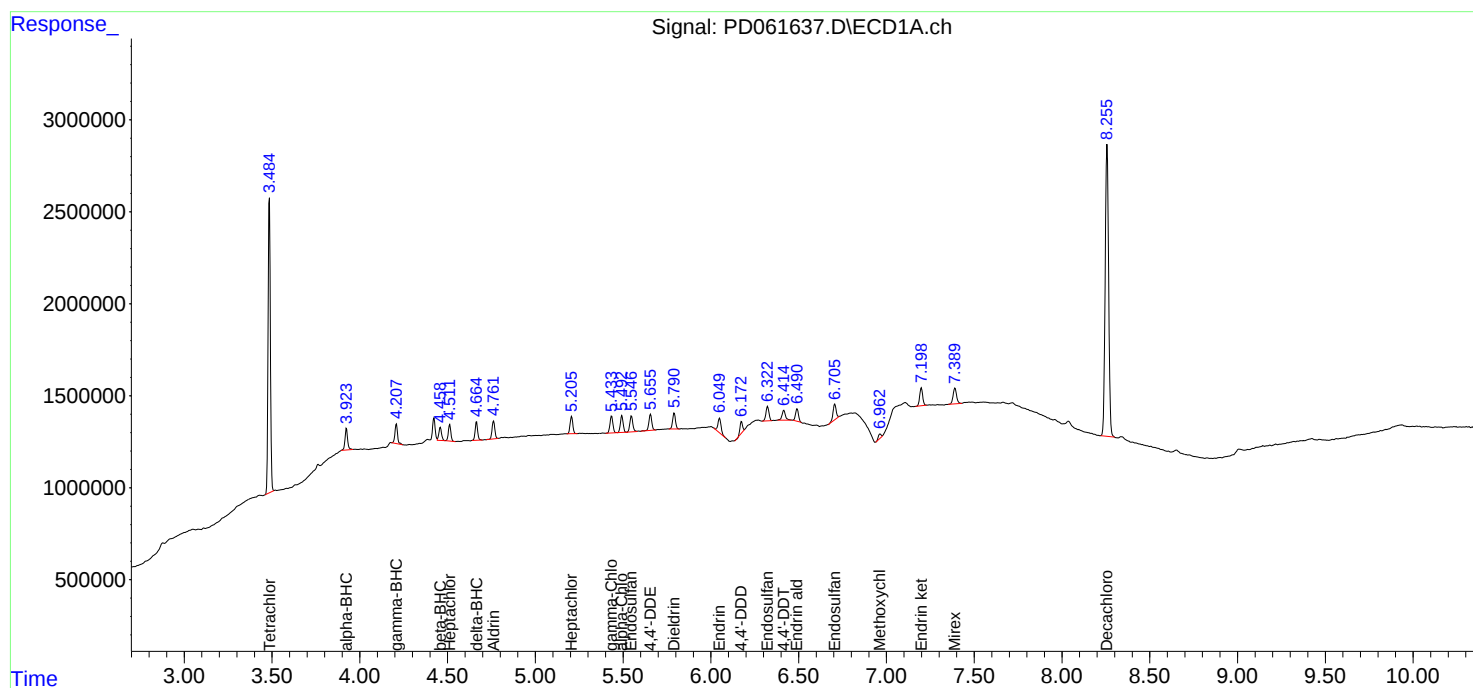
Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2021

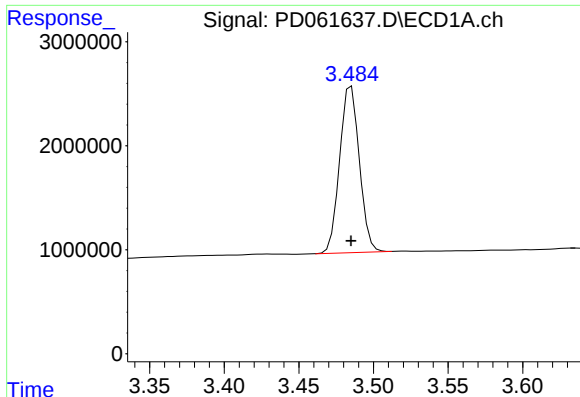
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 17 05:55:25 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031521.M
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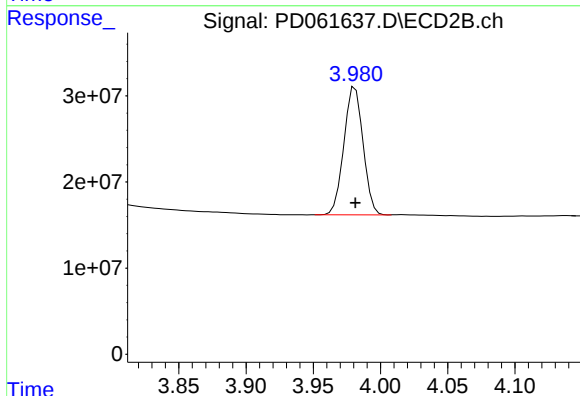
#1 Tetrachloro-m-xylene

R.T.: 3.485 min
Delta R.T.: 0.000 min
Response: 14736687
Conc: 18.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

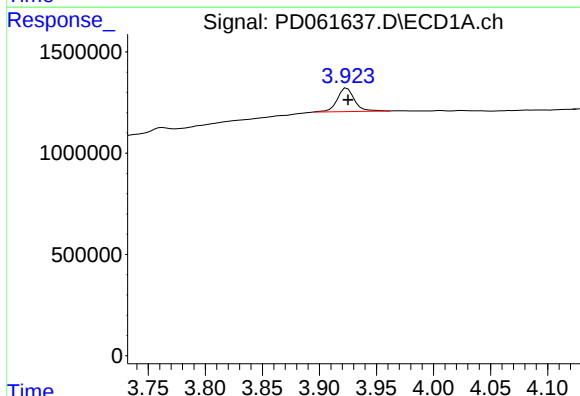
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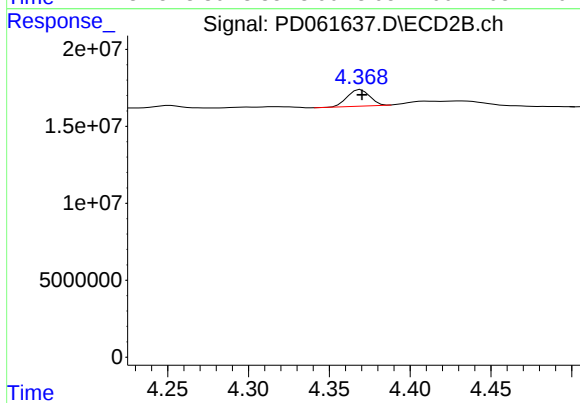
#1 Tetrachloro-m-xylene

R.T.: 3.981 min
Delta R.T.: 0.000 min
Response: 147199878
Conc: 19.23 ng/ml



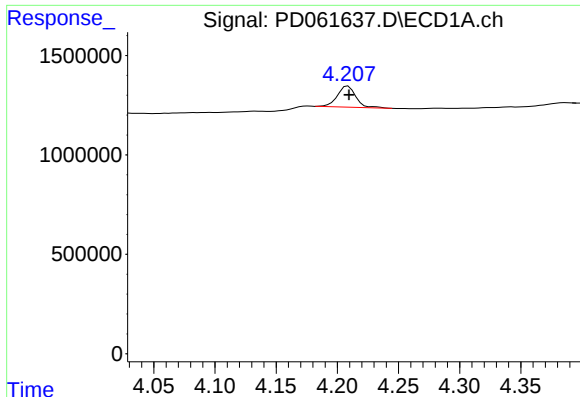
#2 alpha-BHC

R.T.: 3.924 min
Delta R.T.: 0.000 min
Response: 1228213
Conc: 1.03 ng/ml



#2 alpha-BHC

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 10258854
Conc: 0.89 ng/ml



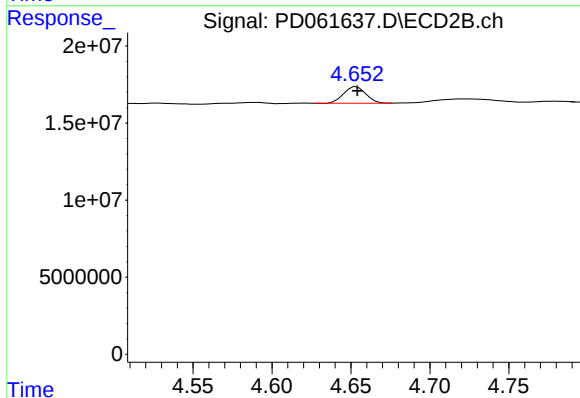
#3 gamma-BHC (Lindane)

R.T.: 4.209 min
Delta R.T.: 0.000 min
Response: 1110441
Conc: 1.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

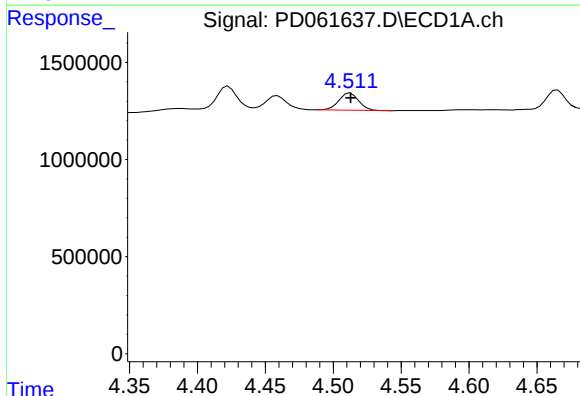
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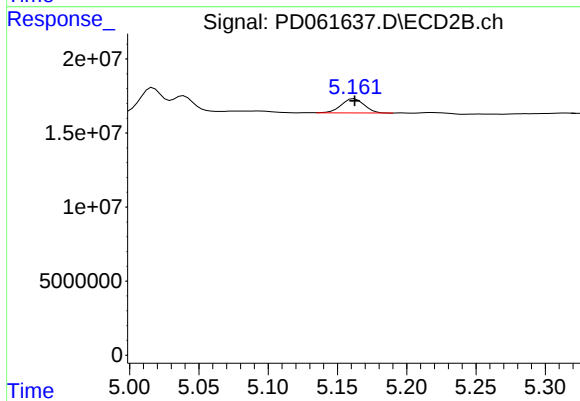
#3 gamma-BHC (Lindane)

R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 10473955
Conc: 1.00 ng/ml



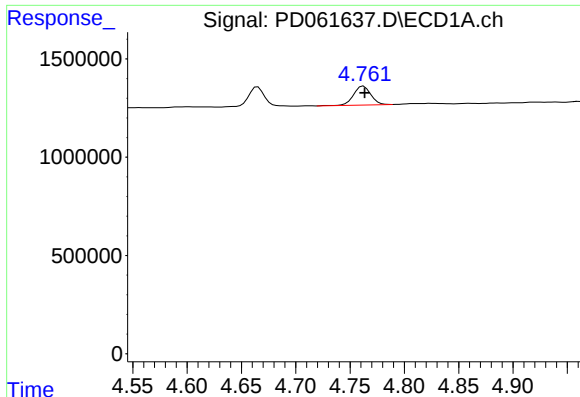
#4 Heptachlor

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 904906
Conc: 1.13 ng/ml



#4 Heptachlor

R.T.: 5.162 min
Delta R.T.: 0.000 min
Response: 11217146
Conc: 1.16 ng/ml



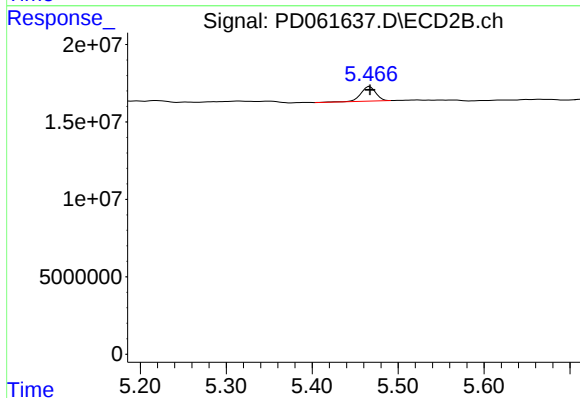
#5 Aldrin

R.T.: 4.763 min
Delta R.T.: 0.000 min
Response: 1067339
Conc: 0.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

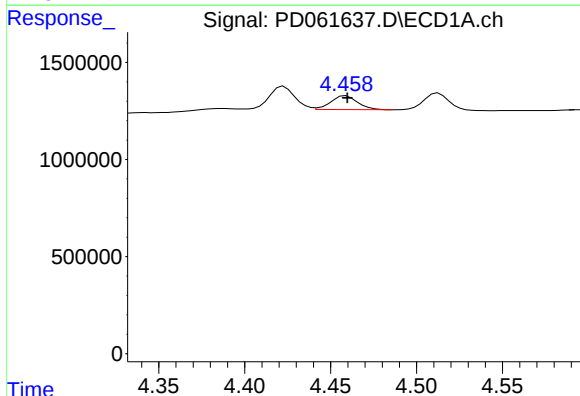
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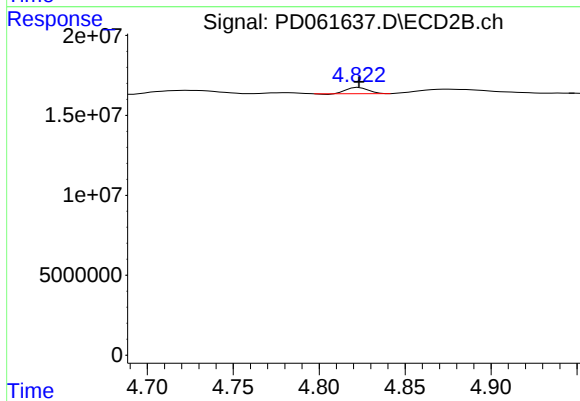
#5 Aldrin

R.T.: 5.467 min
Delta R.T.: 0.000 min
Response: 11331704
Conc: 1.04 ng/ml



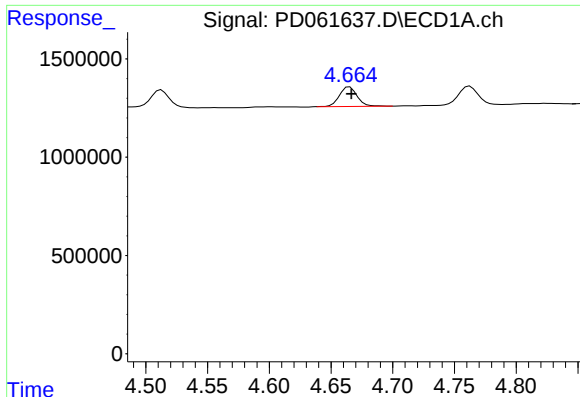
#6 beta-BHC

R.T.: 4.458 min
Delta R.T.: -0.002 min
Response: 771163
Conc: 1.53 ng/ml m



#6 beta-BHC

R.T.: 4.823 min
Delta R.T.: 0.000 min
Response: 3295564
Conc: 0.78 ng/ml



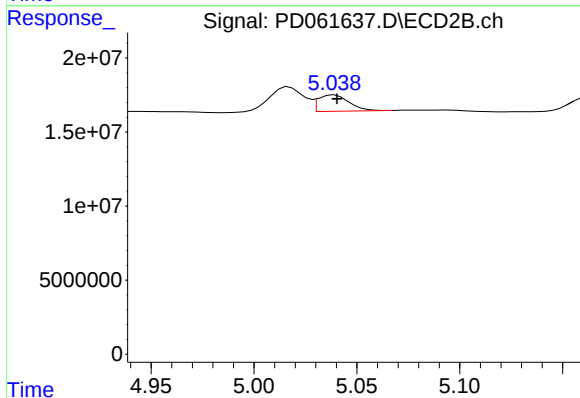
#7 delta-BHC

R.T.: 4.665 min
Delta R.T.: -0.001 min
Response: 1001311
Conc: 0.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

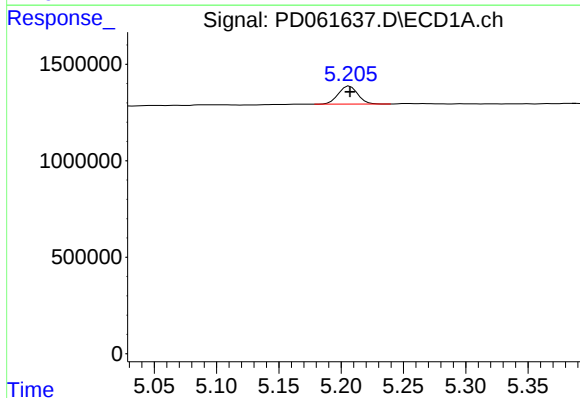
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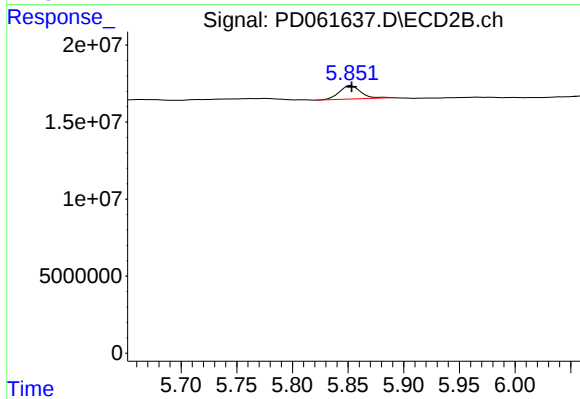
#7 delta-BHC

R.T.: 5.039 min
Delta R.T.: -0.001 min
Response: 11569677
Conc: 1.09 ng/ml



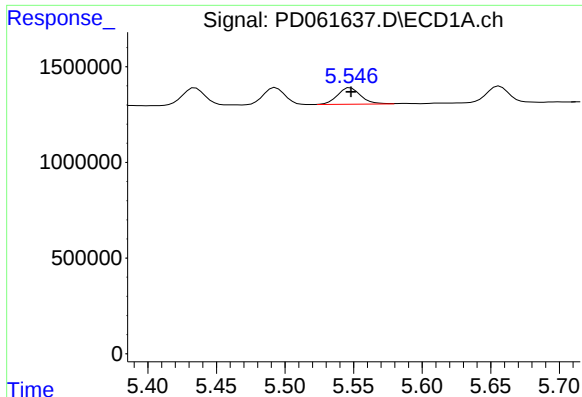
#8 Heptachlor epoxide

R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 1013487
Conc: 0.98 ng/ml



#8 Heptachlor epoxide

R.T.: 5.853 min
Delta R.T.: 0.000 min
Response: 11989203
Conc: 1.25 ng/ml



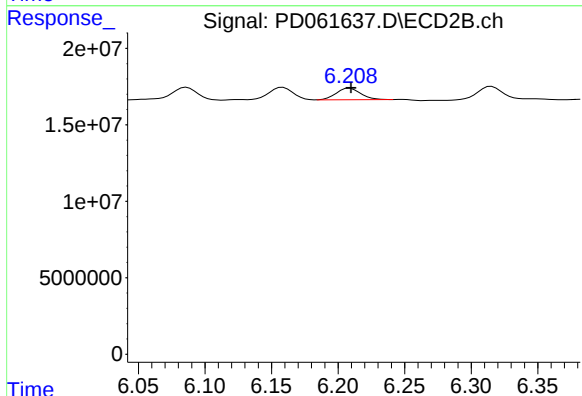
#9 Endosulfan I

R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 1019424
Conc: 1.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

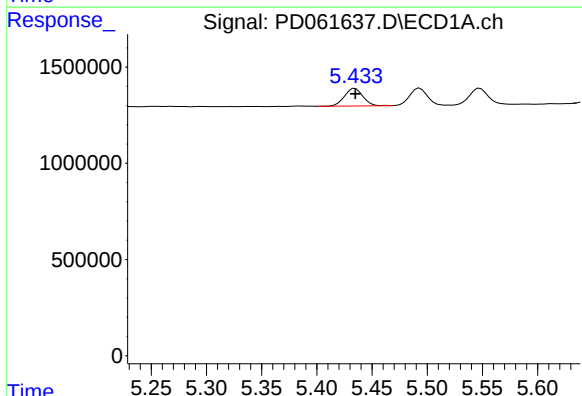
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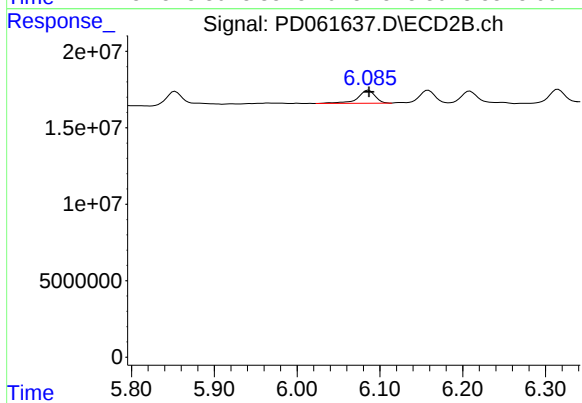
#9 Endosulfan I

R.T.: 6.209 min
Delta R.T.: 0.000 min
Response: 9603116
Conc: 1.03 ng/ml



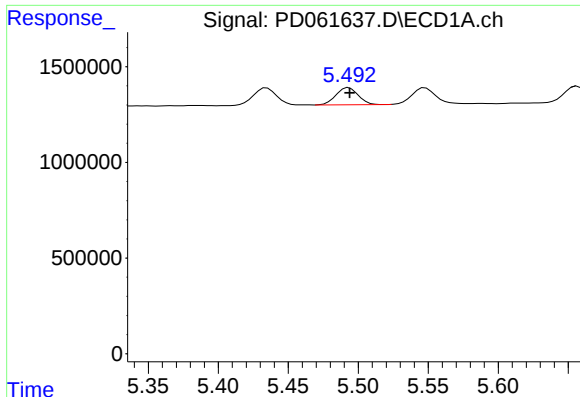
#10 gamma-Chlordane

R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 1070813
Conc: 1.00 ng/ml



#10 gamma-Chlordane

R.T.: 6.086 min
Delta R.T.: 0.000 min
Response: 12470197
Conc: 1.21 ng/ml



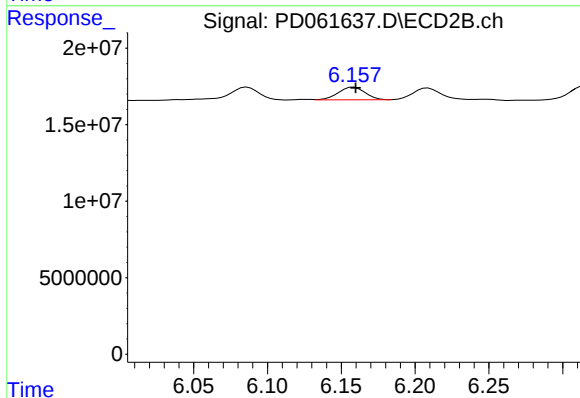
#11 alpha-Chlordane

R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 997229
Conc: 0.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

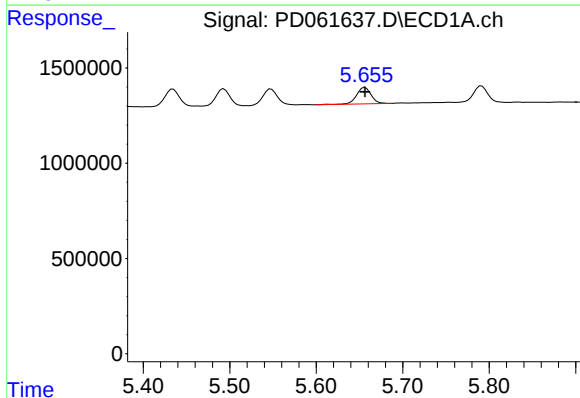
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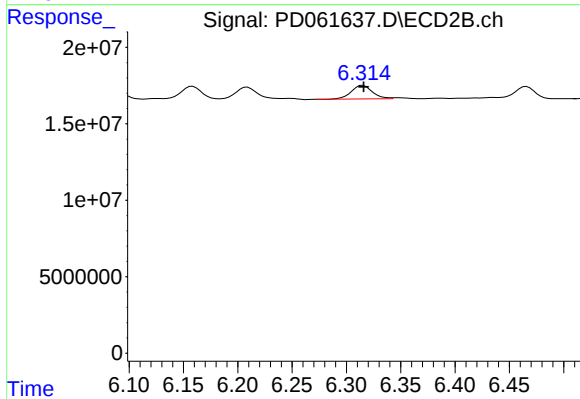
#11 alpha-Chlordane

R.T.: 6.159 min
Delta R.T.: -0.001 min
Response: 10599478
Conc: 1.08 ng/ml



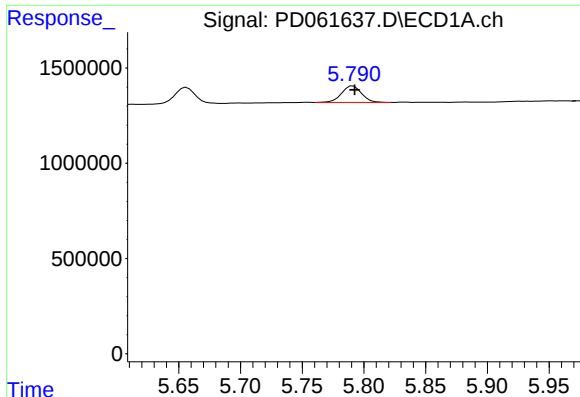
#12 4,4'-DDE

R.T.: 5.656 min
Delta R.T.: 0.000 min
Response: 1014782
Conc: 0.97 ng/ml



#12 4,4'-DDE

R.T.: 6.315 min
Delta R.T.: 0.000 min
Response: 11808666
Conc: 1.18 ng/ml



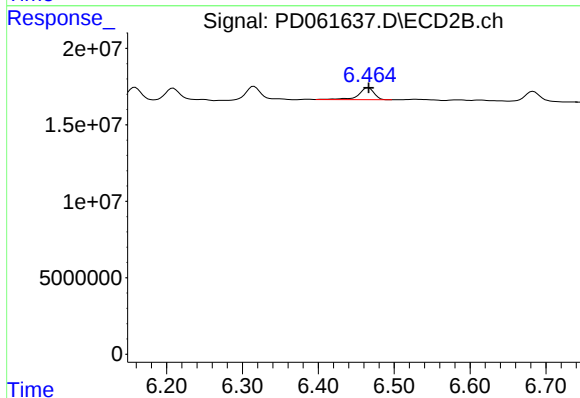
#13 Dieldrin

R.T.: 5.791 min
Delta R.T.: -0.001 min
Response: 979888
Conc: 0.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

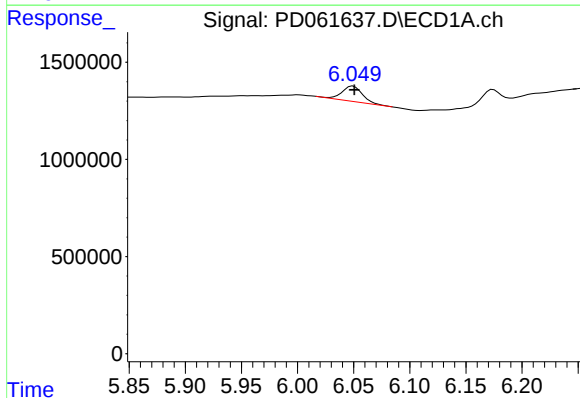
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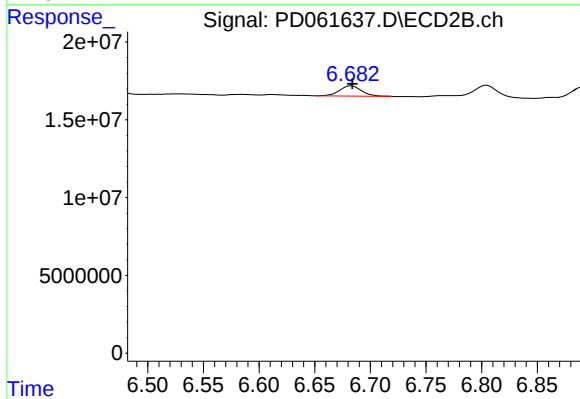
#13 Dieldrin

R.T.: 6.466 min
Delta R.T.: 0.000 min
Response: 11236223
Conc: 1.12 ng/ml



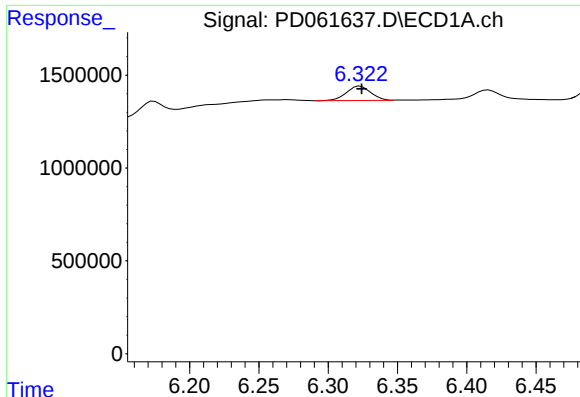
#14 Endrin

R.T.: 6.050 min
Delta R.T.: -0.001 min
Response: 956438
Conc: 1.05 ng/ml



#14 Endrin

R.T.: 6.683 min
Delta R.T.: 0.000 min
Response: 8969660
Conc: 1.09 ng/ml



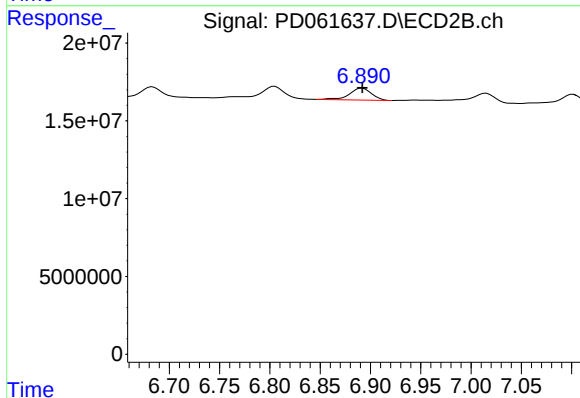
#15 Endosulfan II

R.T.: 6.322 min
Delta R.T.: -0.002 min
Response: 949591
Conc: 1.01 ng/ml m

Instrument :
ECD_D
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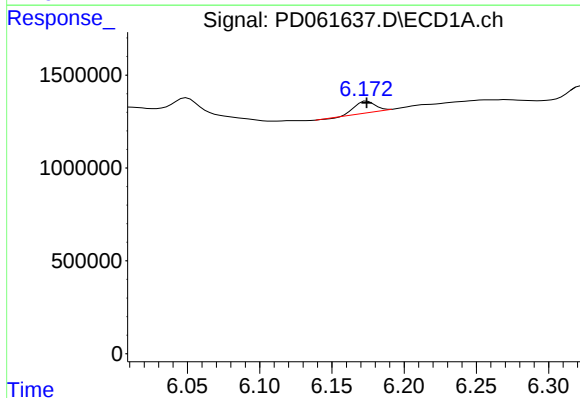
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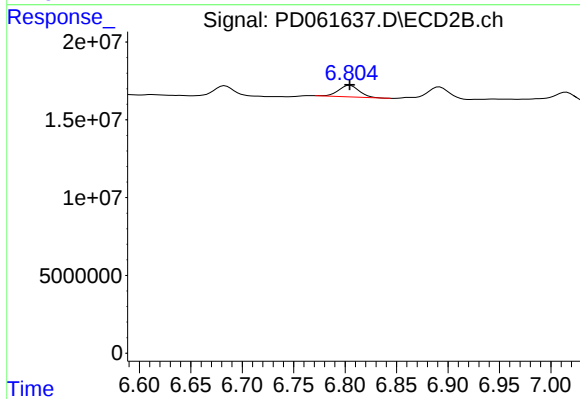
#15 Endosulfan II

R.T.: 6.892 min
Delta R.T.: 0.000 min
Response: 11819583
Conc: 1.41 ng/ml



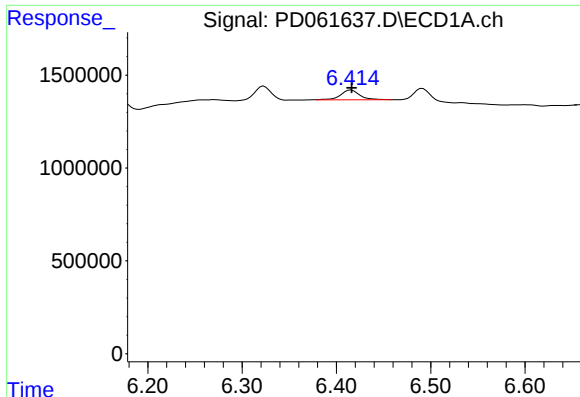
#16 4,4'-DDD

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 601230
Conc: 0.79 ng/ml



#16 4,4'-DDD

R.T.: 6.805 min
Delta R.T.: 0.000 min
Response: 10118985
Conc: 1.26 ng/ml



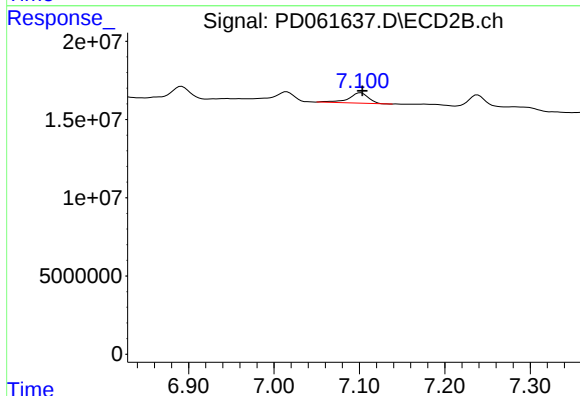
#17 4,4'-DDT

R.T.: 6.414 min
Delta R.T.: -0.002 min
Response: 742483
Conc: 0.93 ng/ml m

Instrument :
ECD_D
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LOD-MDL-WATER-01-QT1-2021

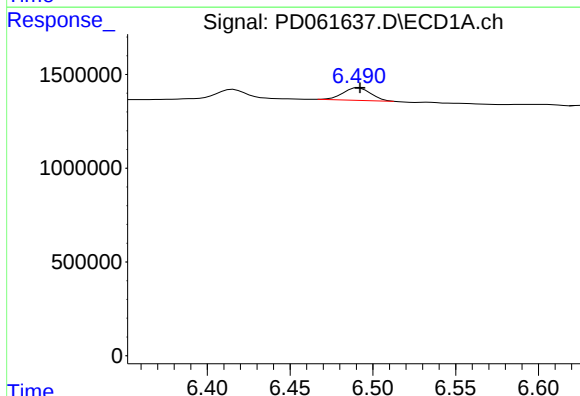
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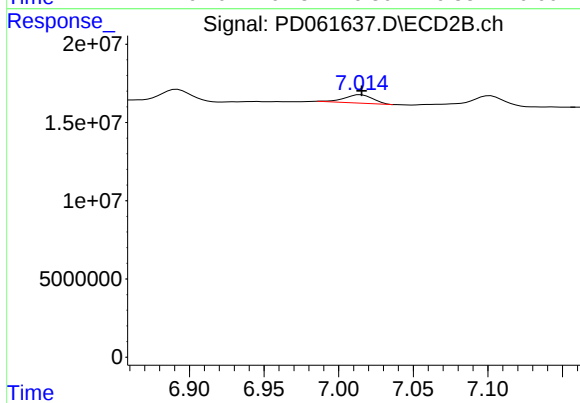
#17 4,4'-DDT

R.T.: 7.102 min
Delta R.T.: -0.002 min
Response: 10636203
Conc: 1.26 ng/ml



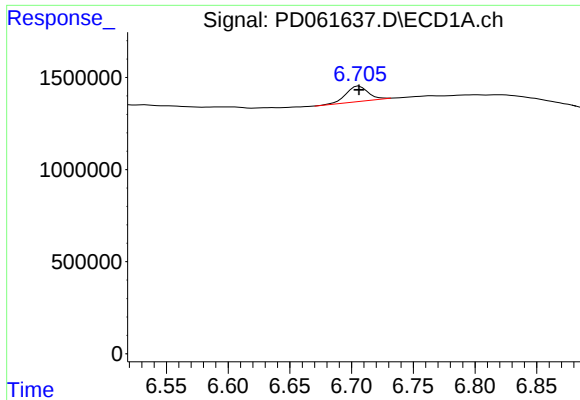
#18 Endrin aldehyde

R.T.: 6.490 min
Delta R.T.: -0.002 min
Response: 784696
Conc: 1.04 ng/ml m



#18 Endrin aldehyde

R.T.: 7.014 min
Delta R.T.: -0.002 min
Response: 7125547
Conc: 1.04 ng/ml m



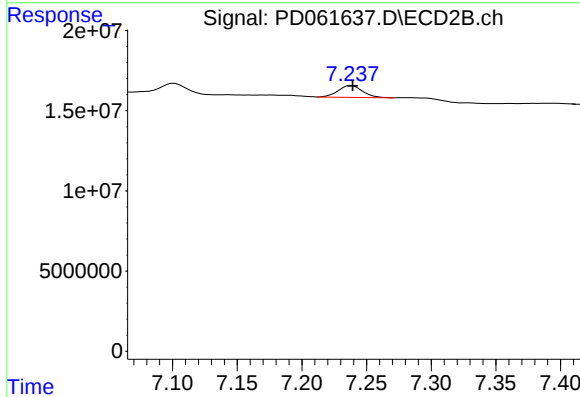
#19 Endosulfan Sulfate

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 1042832
Conc: 1.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

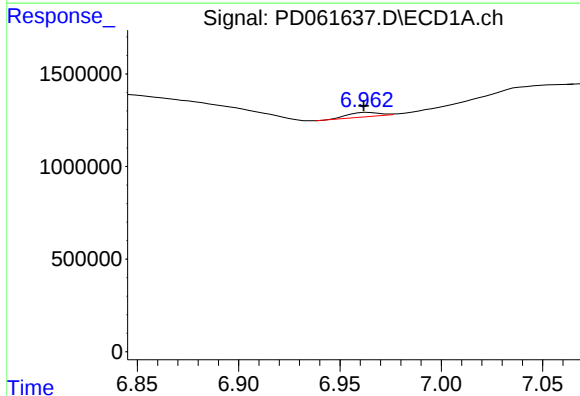
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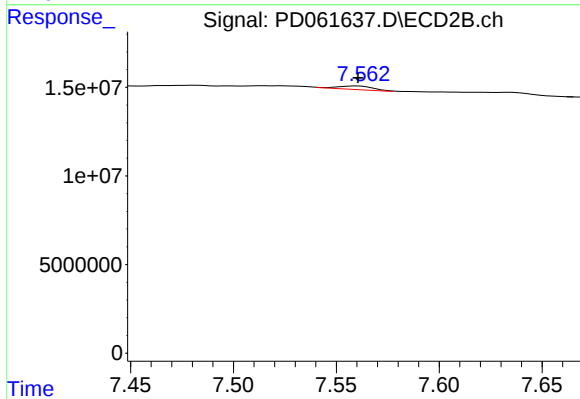
#19 Endosulfan Sulfate

R.T.: 7.237 min
Delta R.T.: -0.002 min
Response: 9721682
Conc: 1.12 ng/ml m



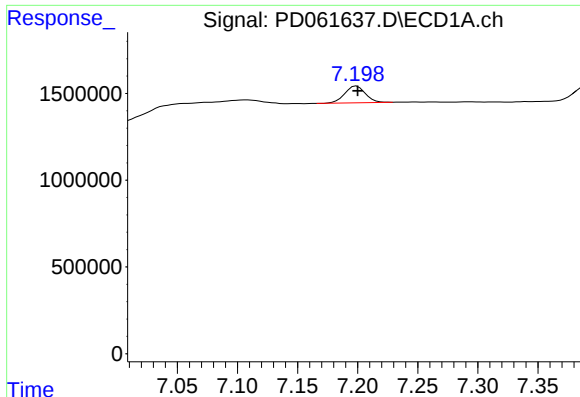
#20 Methoxychlor

R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 281938
Conc: 0.72 ng/ml m



#20 Methoxychlor

R.T.: 7.562 min
Delta R.T.: 0.001 min
Response: 2336673
Conc: 0.61 ng/ml m



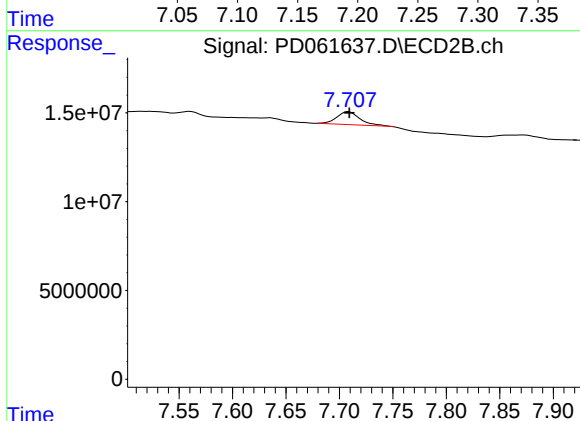
#21 Endrin ketone

R.T.: 7.199 min
Delta R.T.: -0.001 min
Response: 1154895
Conc: 1.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

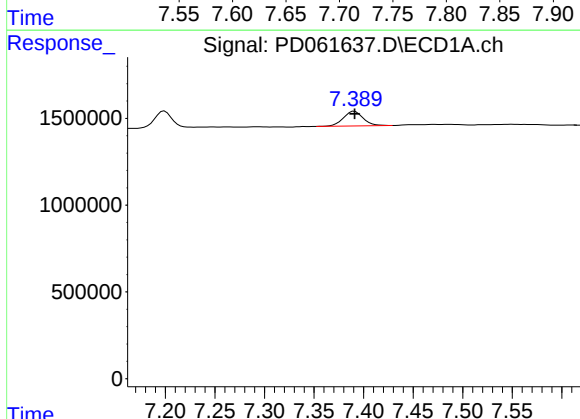
Manual Integrations
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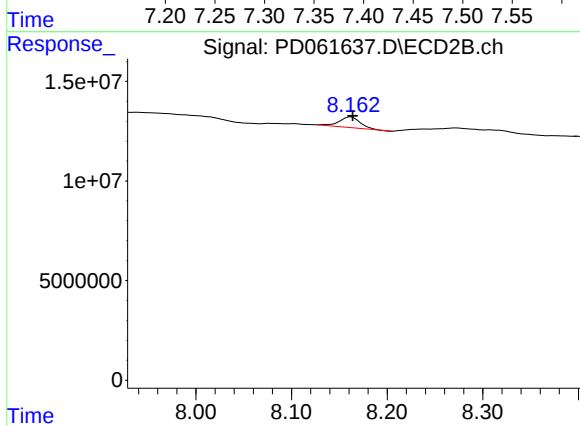
#21 Endrin ketone

R.T.: 7.709 min
Delta R.T.: 0.000 min
Response: 10615462
Conc: 1.16 ng/ml



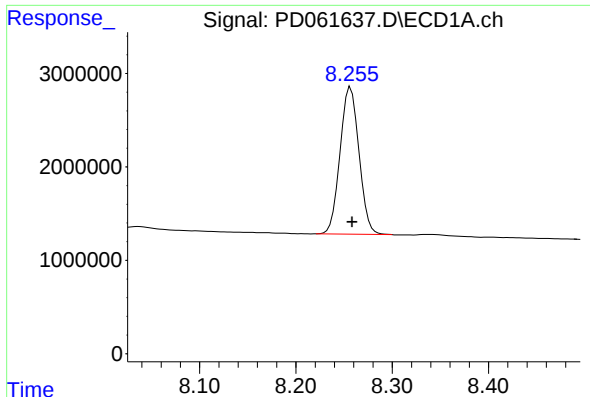
#22 Mirex

R.T.: 7.391 min
Delta R.T.: 0.000 min
Response: 1185800
Conc: 1.36 ng/ml



#22 Mirex

R.T.: 8.162 min
Delta R.T.: -0.002 min
Response: 8279108
Conc: 1.45 ng/ml



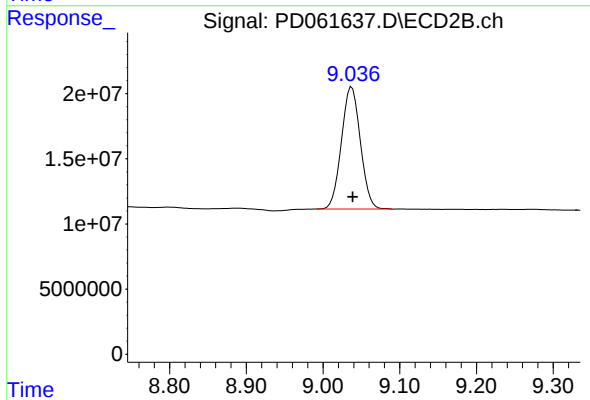
#28 Decachlorobiphenyl

R.T.: 8.257 min
Delta R.T.: -0.001 min
Response: 21459098
Conc: 19.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.037 min
Delta R.T.: -0.001 min
Response: 161556209
Conc: 19.30 ng/ml