

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031621\
 Data File : PD061638.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Mar 2021 12:34
 Operator : AR\AJ
 Sample : M1458-07
 Misc : PEST LOD 2.5 PPB
 ALS Vial : 13 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 05:55:41 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	14388546	143.1E6	18.438	18.692
28)	SA Decachlor...	8.257	9.039	20836657	154.8E6	18.450	18.491
Target Compounds							
2)	A alpha-BHC	3.925	4.370	2441569	23703475	2.056	2.064
3)	MA gamma-BHC...	4.210	4.654	2269137	23734337	2.082	2.269
4)	MA Heptachlor	4.513	5.163	1936435	23510284	2.428	2.442
5)	MB Aldrin	4.763	5.467	2227543	24568201	2.026	2.253
6)	B beta-BHC	4.460	4.823	1223506	8377530	2.422	1.978
7)	B delta-BHC	4.666	5.040	2039247	23531686	1.823	2.207
8)	B Heptachlo...	5.208	5.853	2219030	24492084	2.137	2.554
9)	A Endosulfan I	5.548	6.210	2189472	23449518	2.177	2.522
10)	B gamma-Chl...	5.435	6.086	2310790	25062134	2.162	2.425m
11)	B alpha-Chl...	5.494	6.158	2245141	20918959	2.126	2.136m
12)	B 4,4'-DDE	5.657	6.316	2163180	24129603	2.077	2.408
13)	MA Dieldrin	5.793	6.467	2073551	23333782	2.022	2.318
14)	MA Endrin	6.050	6.684	1917386	19008100	2.096	2.307
15)	B Endosulfa...	6.323	6.893	1998363	20660139	2.127m	2.463
16)	A 4,4'-DDD	6.174	6.806	1507828	17515676	1.972	2.182
17)	MA 4,4'-DDT	6.415	7.104	1449203	19061911	1.816m	2.257
18)	B Endrin al...	6.493	7.017	2034879	16440055	2.698	2.392
19)	B Endosulfa...	6.706	7.238	2133978	19870413	2.201	2.284m
20)	A Methoxychlor	6.963	7.562	639751	10675442	1.645m	2.789 #
21)	B Endrin ke...	7.201	7.710	2638559	19596912	2.275	2.151
22)	Mirex	7.392	8.165	2310197	17555094	2.647	3.076

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031621\
Data File : PD061638.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Mar 2021 12:34
Operator : AR\AJ
Sample : M1458-07
Misc : PEST LOD 2.5 PPB
ALS Vial : 13 Sample Multiplier: 1

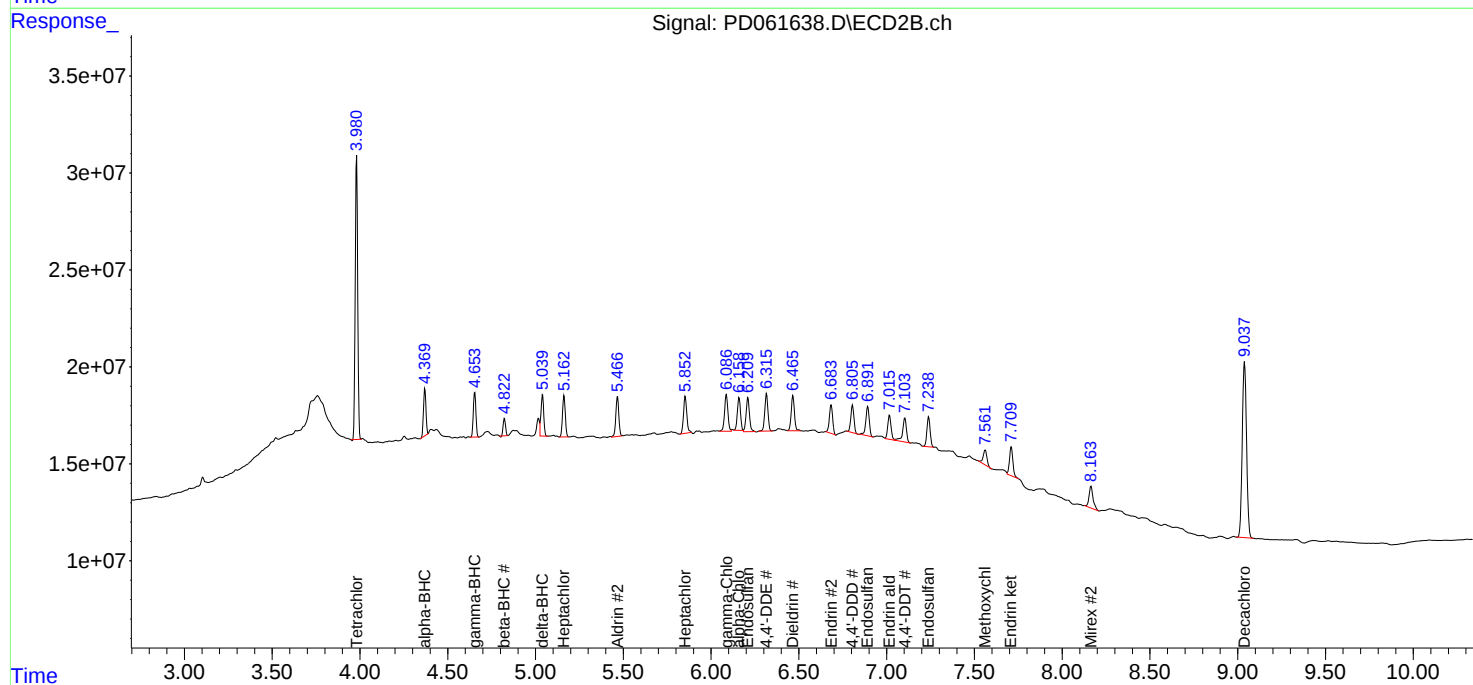
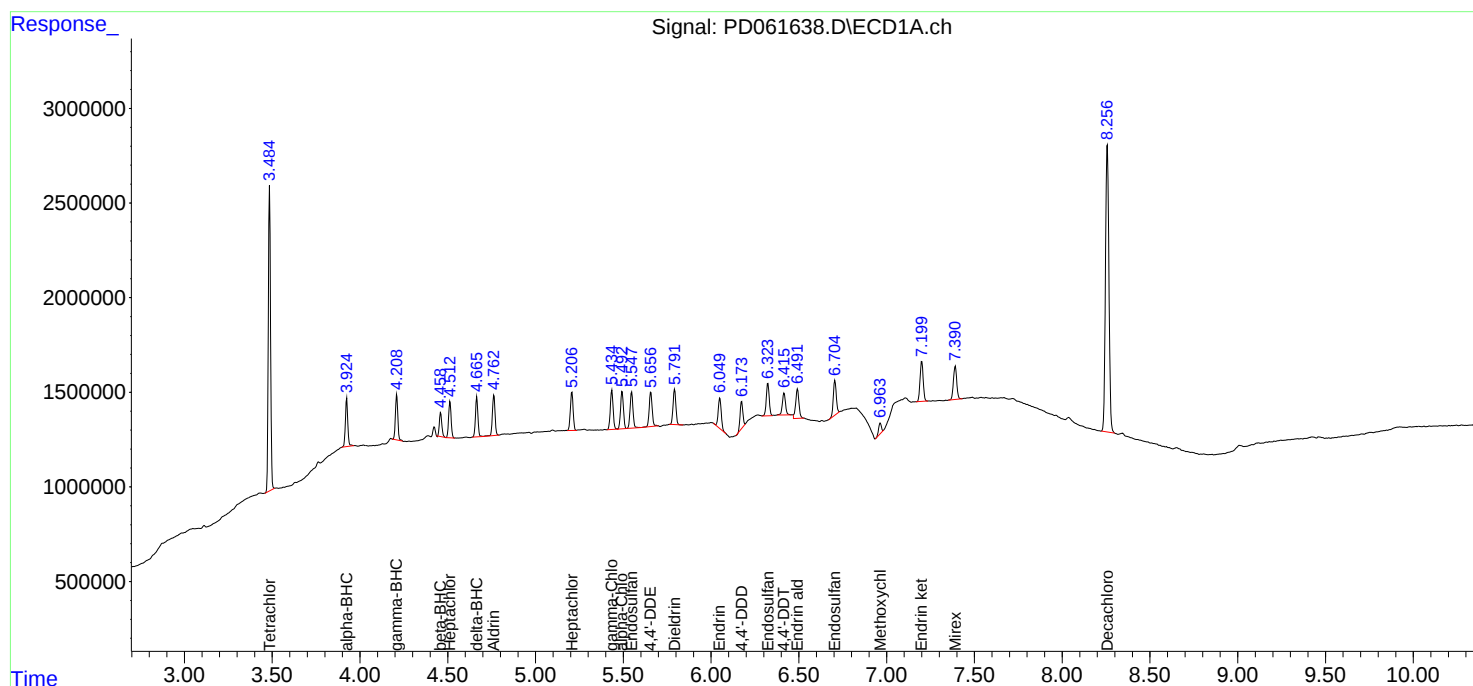
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

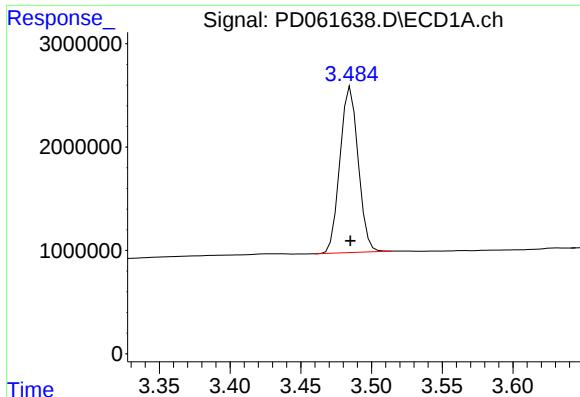
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 17 05:55:41 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031521.M
Quant Title : GC Extractables
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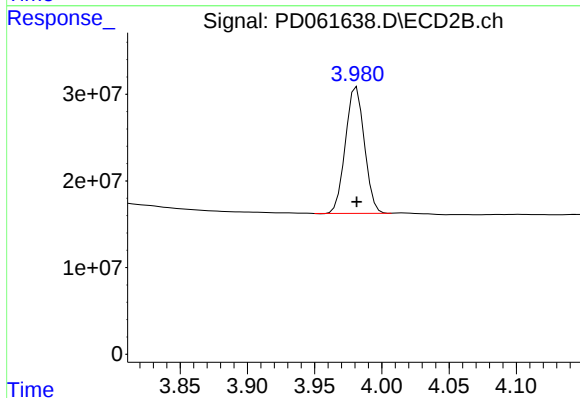
#1 Tetrachloro-m-xylene

R.T.: 3.485 min
Delta R.T.: 0.000 min
Response: 14388546
Conc: 18.44 ng/ml

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

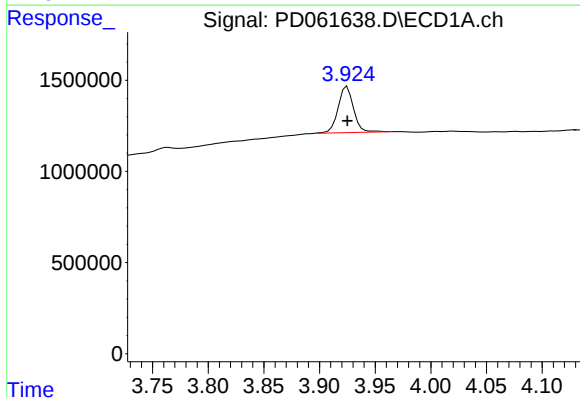
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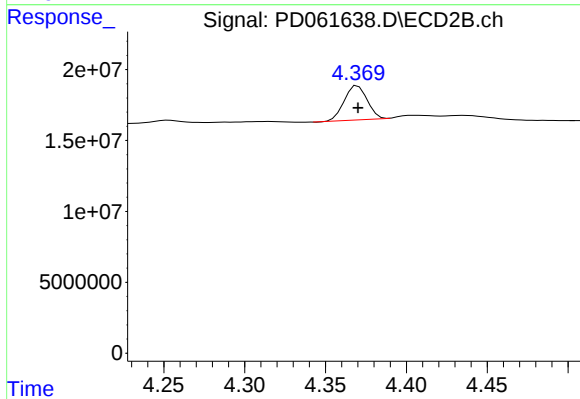
#1 Tetrachloro-m-xylene

R.T.: 3.981 min
Delta R.T.: 0.000 min
Response: 143072230
Conc: 18.69 ng/ml



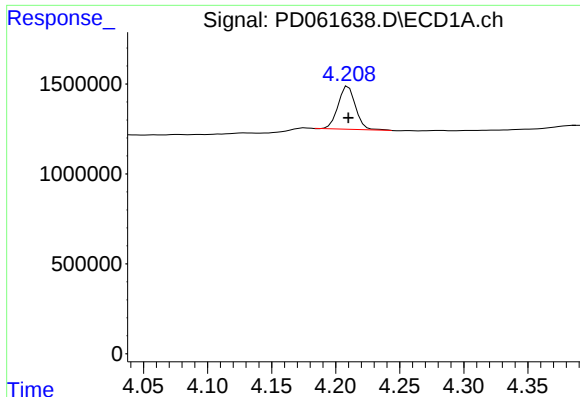
#2 alpha-BHC

R.T.: 3.925 min
Delta R.T.: 0.000 min
Response: 2441569
Conc: 2.06 ng/ml



#2 alpha-BHC

R.T.: 4.370 min
Delta R.T.: 0.000 min
Response: 23703475
Conc: 2.06 ng/ml



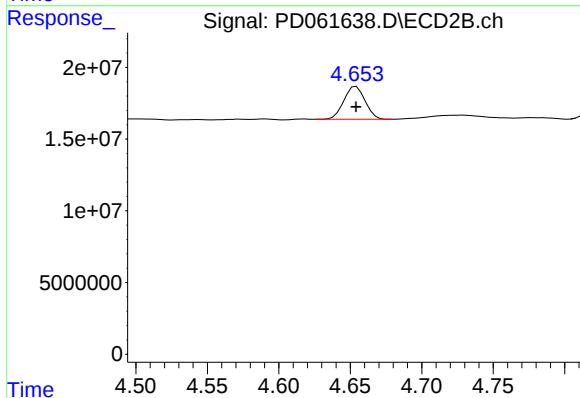
#3 gamma-BHC (Lindane)

R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 2269137
Conc: 2.08 ng/ml

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

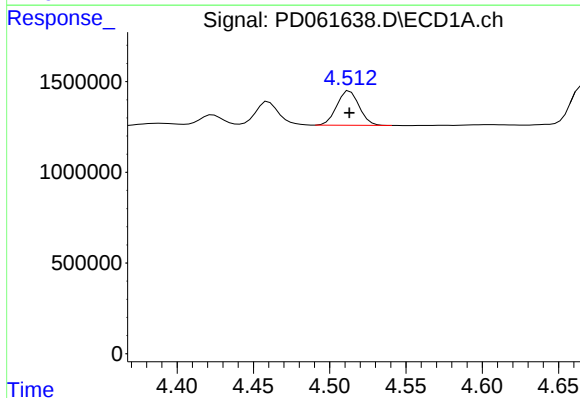
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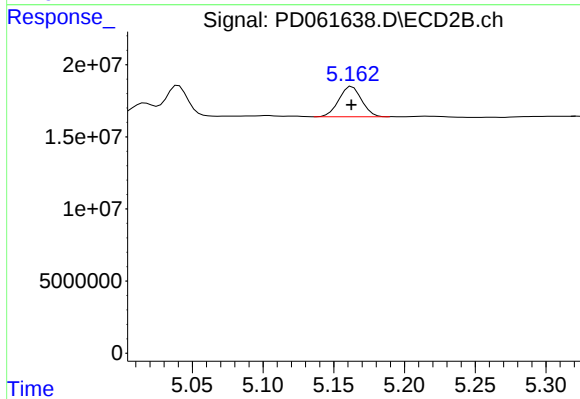
#3 gamma-BHC (Lindane)

R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 23734337
Conc: 2.27 ng/ml



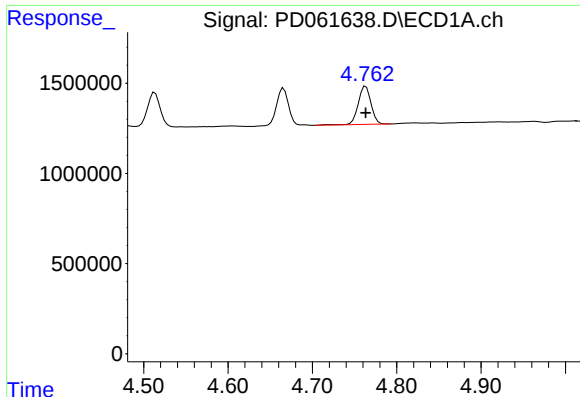
#4 Heptachlor

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 1936435
Conc: 2.43 ng/ml



#4 Heptachlor

R.T.: 5.163 min
Delta R.T.: 0.000 min
Response: 23510284
Conc: 2.44 ng/ml



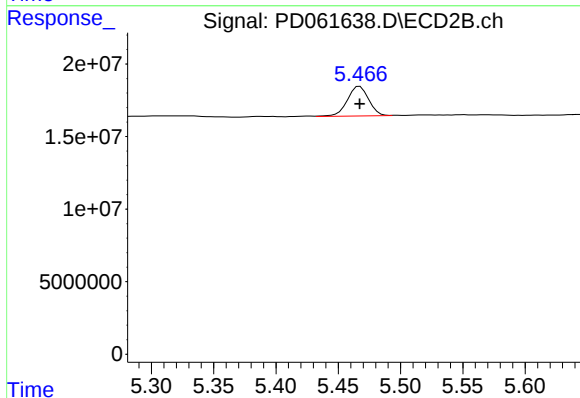
#5 Aldrin

R.T.: 4.763 min
Delta R.T.: 0.000 min
Response: 2227543
Conc: 2.03 ng/ml

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

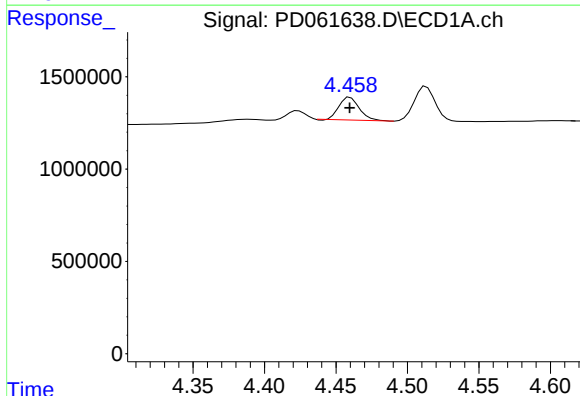
Manual Integrations
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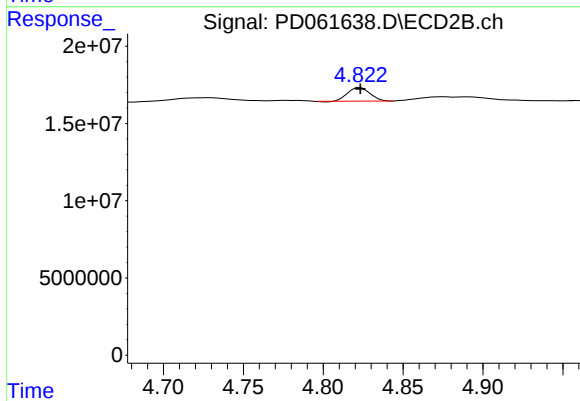
#5 Aldrin

R.T.: 5.467 min
Delta R.T.: 0.000 min
Response: 24568201
Conc: 2.25 ng/ml



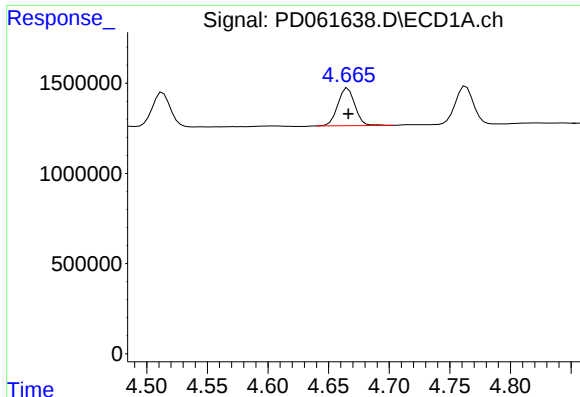
#6 beta-BHC

R.T.: 4.460 min
Delta R.T.: 0.000 min
Response: 1223506
Conc: 2.42 ng/ml



#6 beta-BHC

R.T.: 4.823 min
Delta R.T.: 0.000 min
Response: 8377530
Conc: 1.98 ng/ml



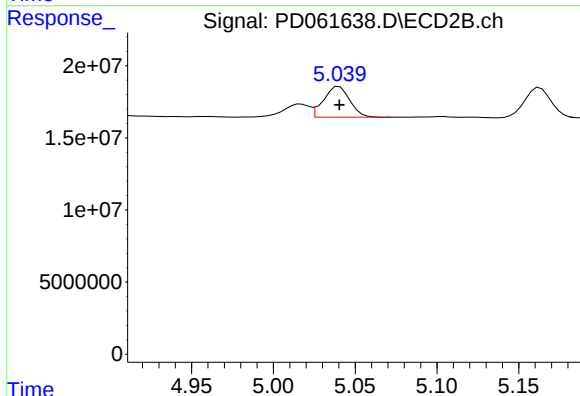
#7 delta-BHC

R.T.: 4.666 min
Delta R.T.: 0.000 min
Response: 2039247
Conc: 1.82 ng/ml

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

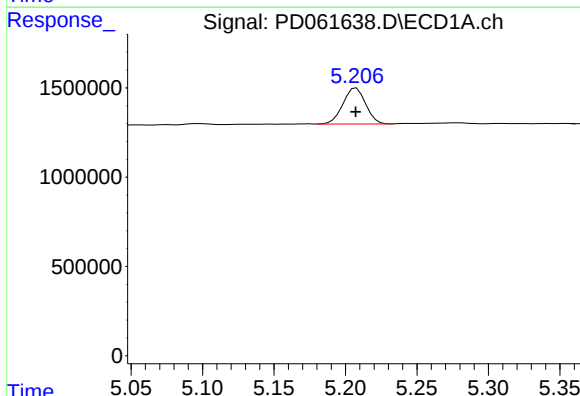
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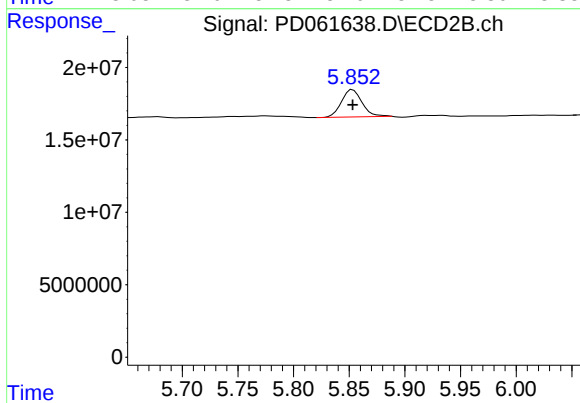
#7 delta-BHC

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 23531686
Conc: 2.21 ng/ml



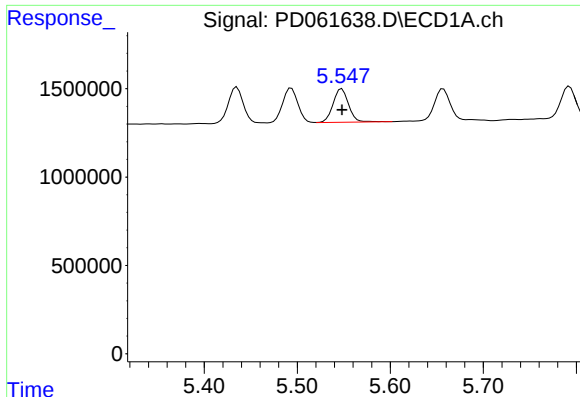
#8 Heptachlor epoxide

R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 2219030
Conc: 2.14 ng/ml



#8 Heptachlor epoxide

R.T.: 5.853 min
Delta R.T.: 0.000 min
Response: 24492084
Conc: 2.55 ng/ml



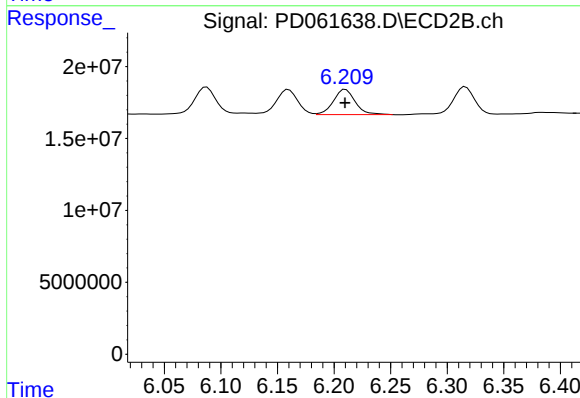
#9 Endosulfan I

R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 2189472
Conc: 2.18 ng/ml

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

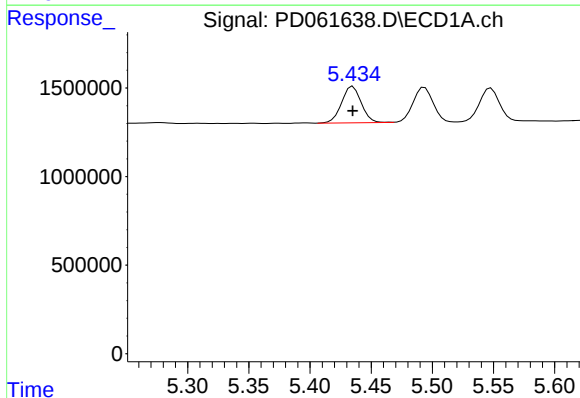
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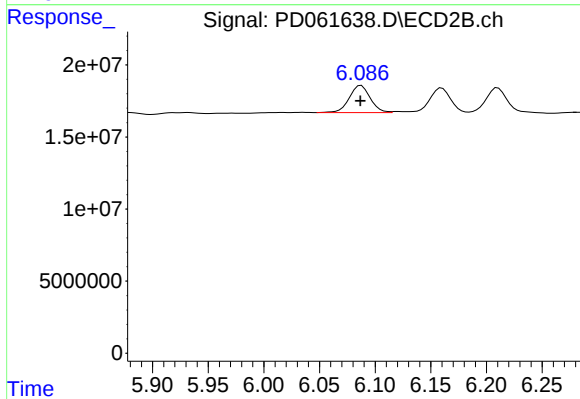
#9 Endosulfan I

R.T.: 6.210 min
Delta R.T.: 0.000 min
Response: 23449518
Conc: 2.52 ng/ml



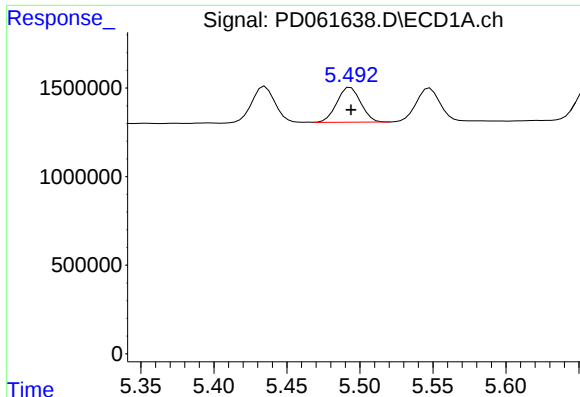
#10 gamma-Chlordane

R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 2310790
Conc: 2.16 ng/ml



#10 gamma-Chlordane

R.T.: 6.086 min
Delta R.T.: 0.000 min
Response: 25062134
Conc: 2.43 ng/ml m



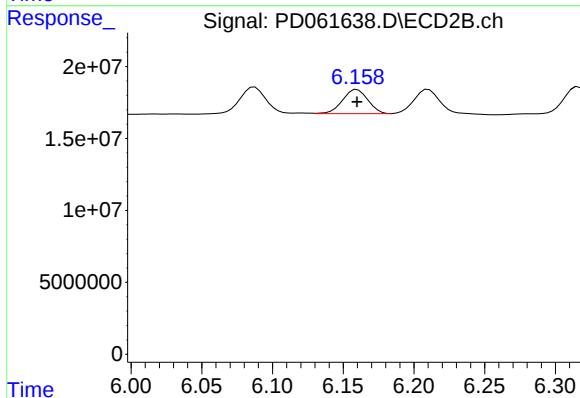
#11 alpha-Chlordane

R.T.: 5.494 min
Delta R.T.: 0.000 min
Response: 2245141
Conc: 2.13 ng/ml

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

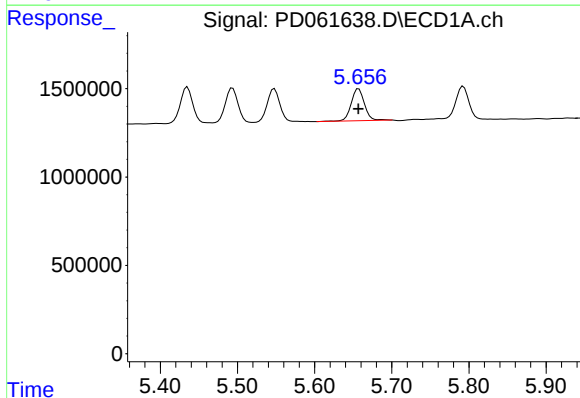
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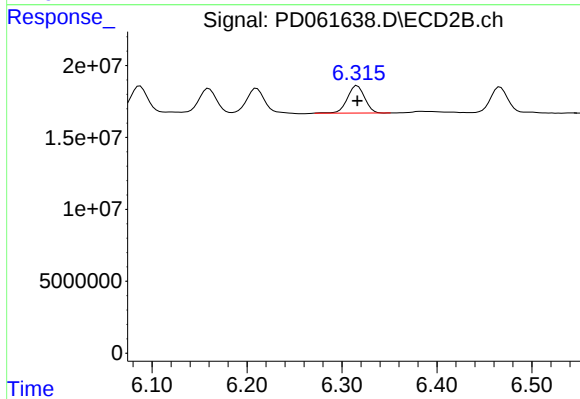
#11 alpha-Chlordane

R.T.: 6.158 min
Delta R.T.: -0.001 min
Response: 20918959
Conc: 2.14 ng/ml m



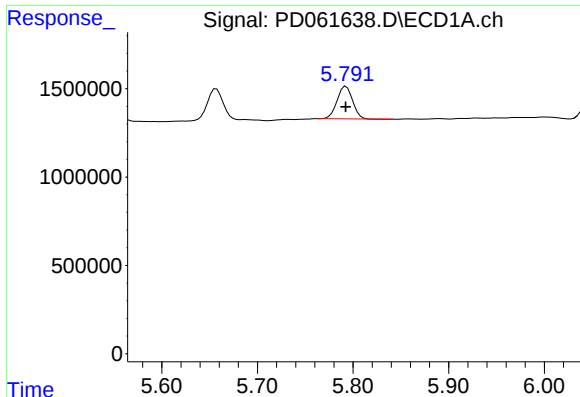
#12 4,4'-DDE

R.T.: 5.657 min
Delta R.T.: 0.000 min
Response: 2163180
Conc: 2.08 ng/ml



#12 4,4'-DDE

R.T.: 6.316 min
Delta R.T.: 0.000 min
Response: 24129603
Conc: 2.41 ng/ml



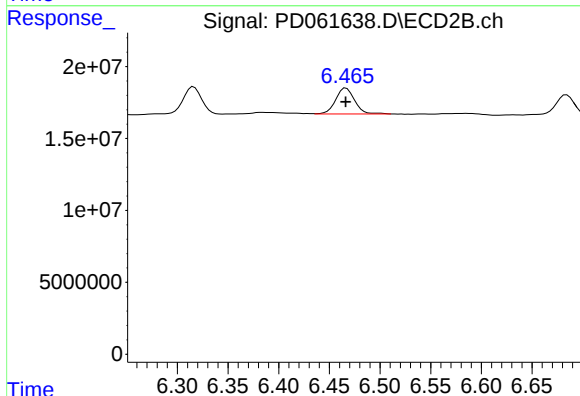
#13 Dieldrin

R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 2073551
Conc: 2.02 ng/ml

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

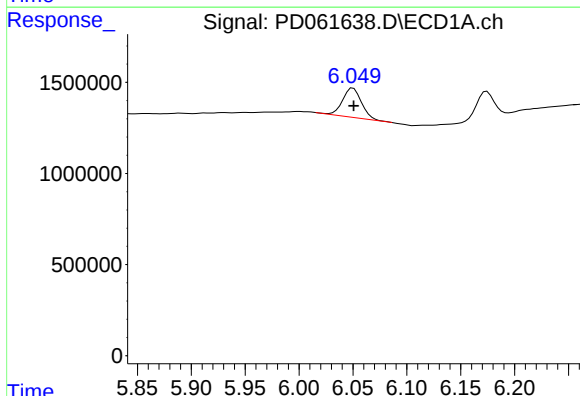
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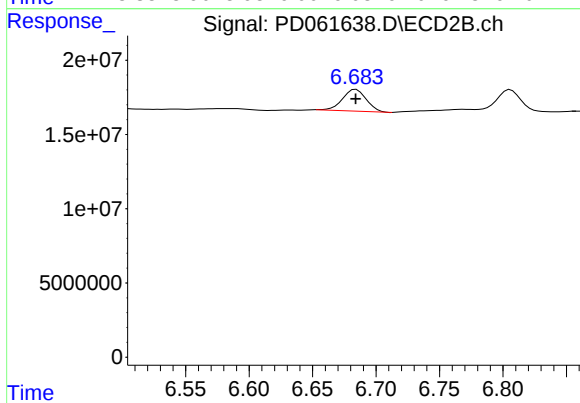
#13 Dieldrin

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 23333782
Conc: 2.32 ng/ml



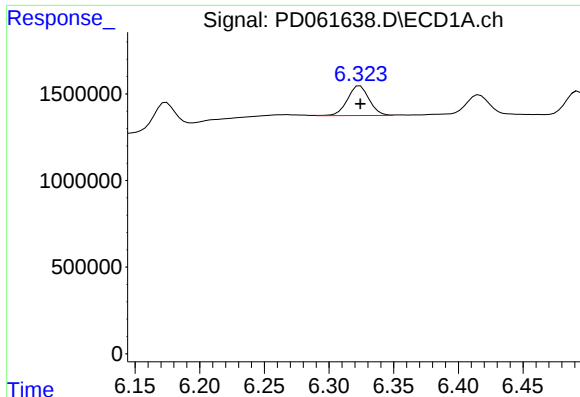
#14 Endrin

R.T.: 6.050 min
Delta R.T.: 0.000 min
Response: 1917386
Conc: 2.10 ng/ml



#14 Endrin

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 19008100
Conc: 2.31 ng/ml



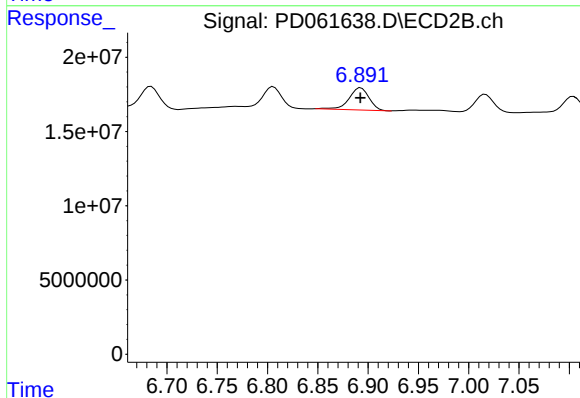
#15 Endosulfan II

R.T.: 6.323 min
Delta R.T.: -0.002 min
Response: 1998363
Conc: 2.13 ng/ml m

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

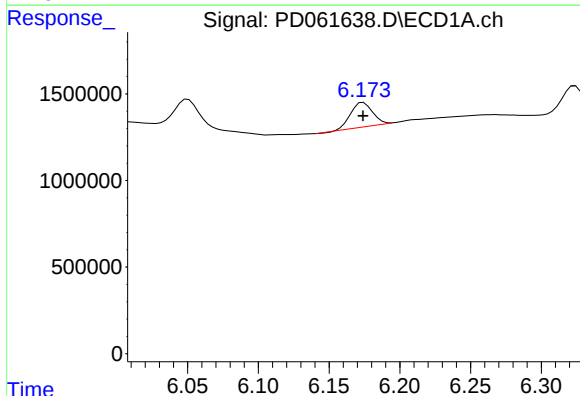
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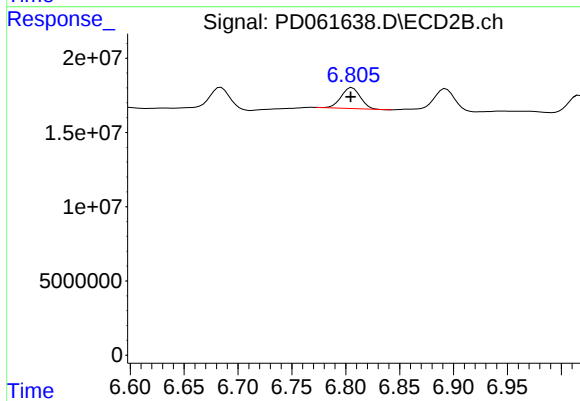
#15 Endosulfan II

R.T.: 6.893 min
Delta R.T.: 0.000 min
Response: 20660139
Conc: 2.46 ng/ml



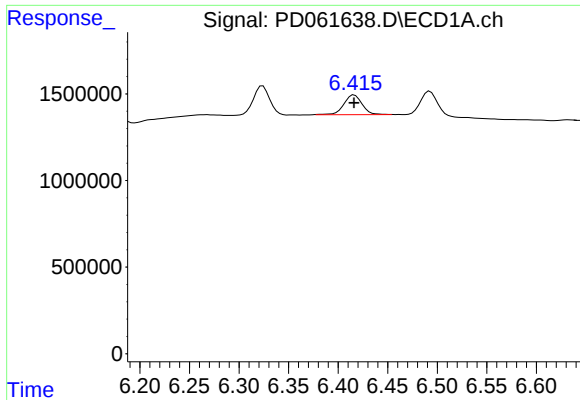
#16 4,4'-DDD

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 1507828
Conc: 1.97 ng/ml



#16 4,4'-DDD

R.T.: 6.806 min
Delta R.T.: 0.001 min
Response: 17515676
Conc: 2.18 ng/ml



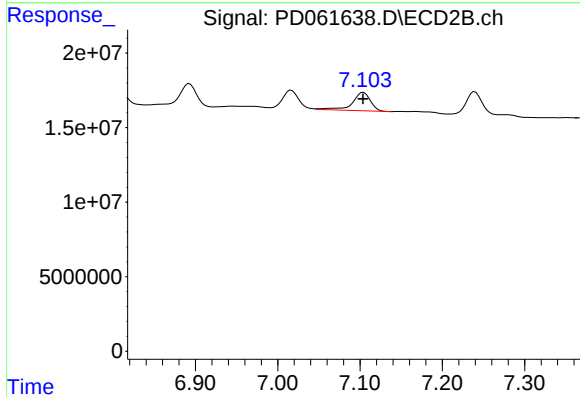
#17 4,4'-DDT

R.T.: 6.415 min
Delta R.T.: -0.001 min
Response: 1449203
Conc: 1.82 ng/ml m

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

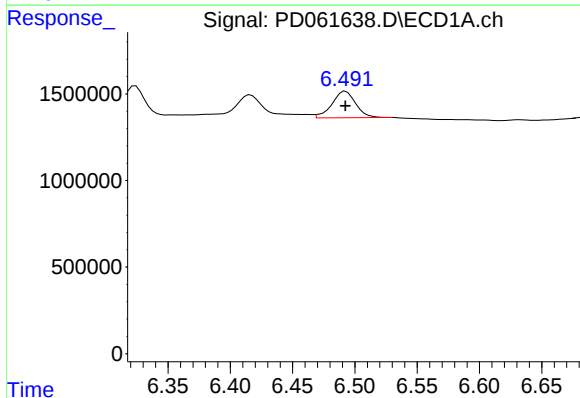
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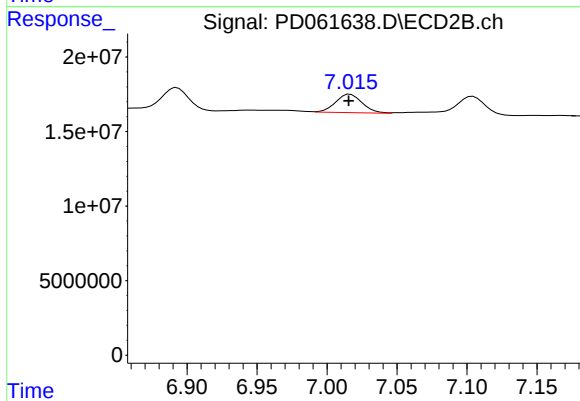
#17 4,4'-DDT

R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 19061911
Conc: 2.26 ng/ml



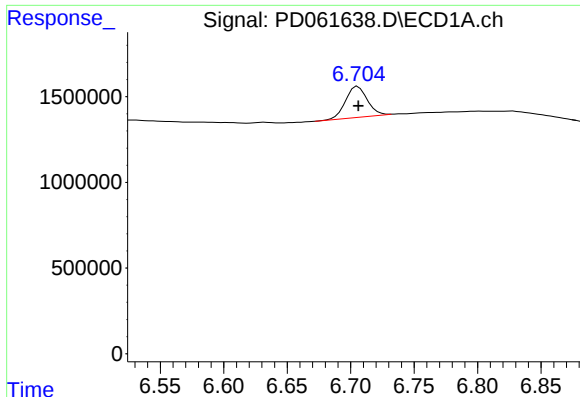
#18 Endrin aldehyde

R.T.: 6.493 min
Delta R.T.: 0.000 min
Response: 2034879
Conc: 2.70 ng/ml



#18 Endrin aldehyde

R.T.: 7.017 min
Delta R.T.: 0.001 min
Response: 16440055
Conc: 2.39 ng/ml



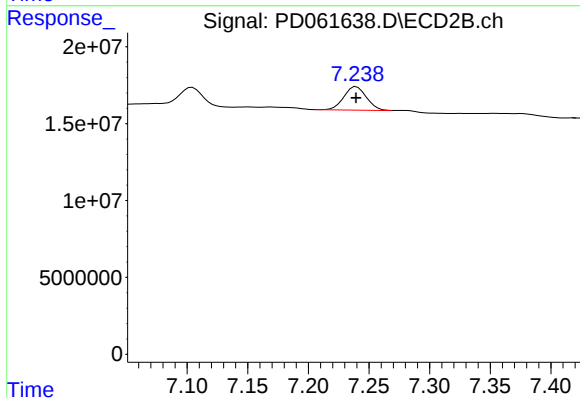
#19 Endosulfan Sulfate

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 2133978
Conc: 2.20 ng/ml

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

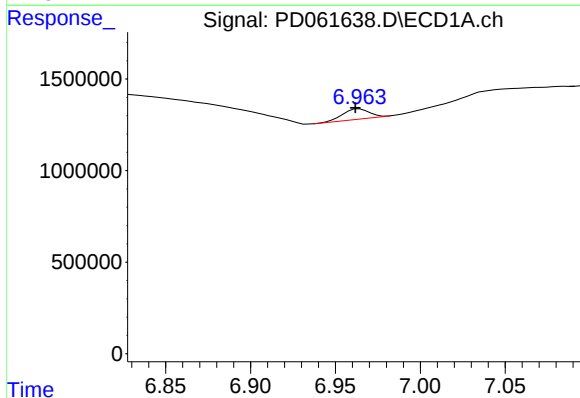
Manual Integrations
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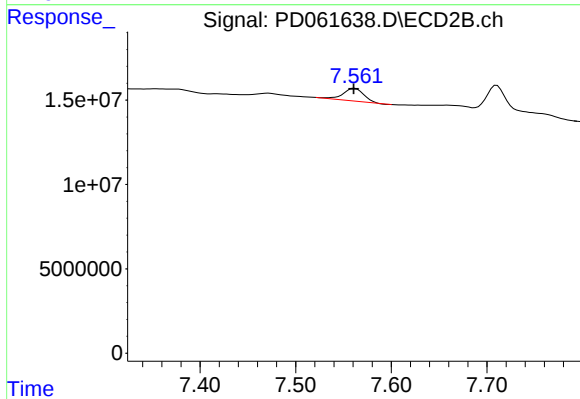
#19 Endosulfan Sulfate

R.T.: 7.238 min
Delta R.T.: -0.001 min
Response: 19870413
Conc: 2.28 ng/ml m



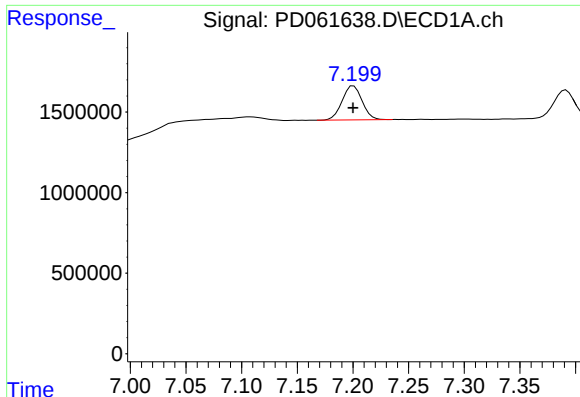
#20 Methoxychlor

R.T.: 6.963 min
Delta R.T.: 0.000 min
Response: 639751
Conc: 1.64 ng/ml m



#20 Methoxychlor

R.T.: 7.562 min
Delta R.T.: 0.001 min
Response: 10675442
Conc: 2.79 ng/ml



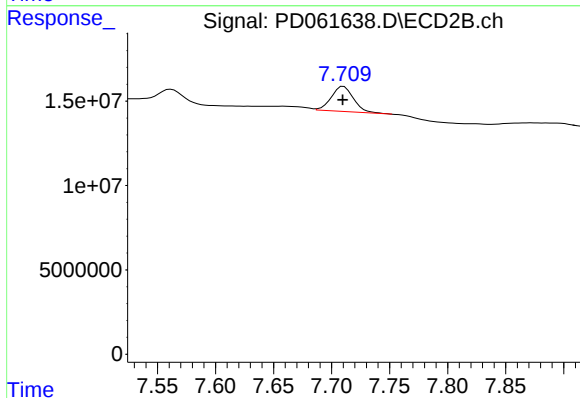
#21 Endrin ketone

R.T.: 7.201 min
Delta R.T.: 0.000 min
Response: 2638559
Conc: 2.27 ng/ml

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

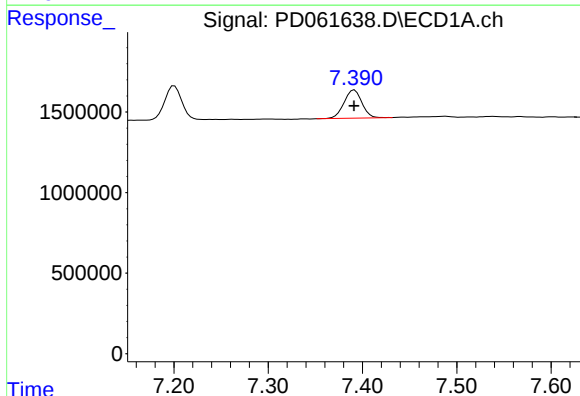
Manual Integrations
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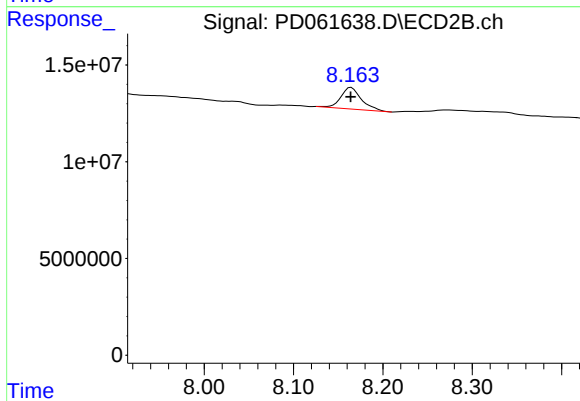
#21 Endrin ketone

R.T.: 7.710 min
Delta R.T.: 0.000 min
Response: 19596912
Conc: 2.15 ng/ml



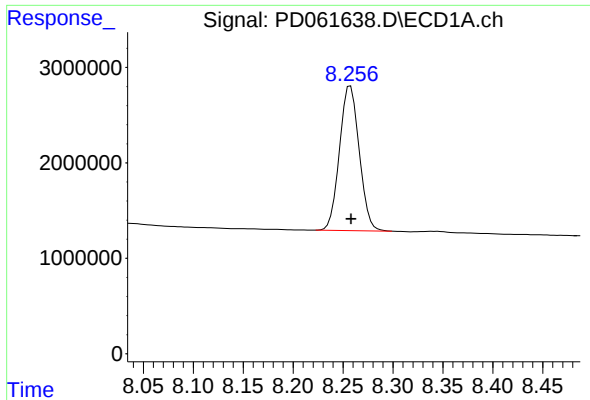
#22 Mirex

R.T.: 7.392 min
Delta R.T.: 0.000 min
Response: 2310197
Conc: 2.65 ng/ml



#22 Mirex

R.T.: 8.165 min
Delta R.T.: 0.000 min
Response: 17555094
Conc: 3.08 ng/ml



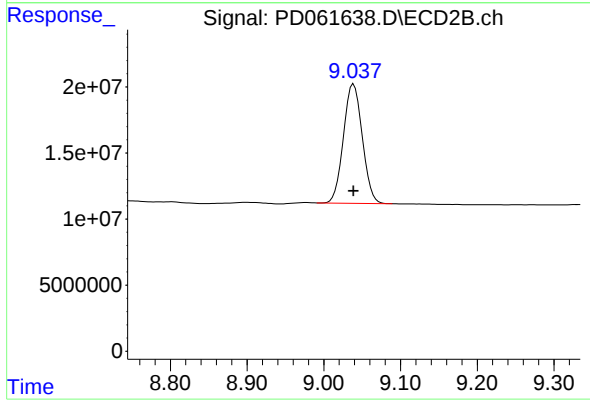
#28 Decachlorobiphenyl

R.T.: 8.257 min
Delta R.T.: 0.000 min
Response: 20836657
Conc: 18.45 ng/ml

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

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.039 min
Delta R.T.: 0.000 min
Response: 154809986
Conc: 18.49 ng/ml