

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050721\
 Data File : PD062770.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 May 2021 15:52
 Operator : AR\AJ
 Sample : M2262-07
 Misc : LOD 2.5 PPB
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-SOIL-01-QT2-202

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 08:08:54 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD050621.M
 Quant Title : GC Extractables
 QLast Update : Thu May 06 08:49:38 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...	3.441	3.971	15432389	202.1E6	17.355	17.455
28)	SA Decachlor...	8.200	9.030	18733441	208.4E6	17.695	18.059
Target Compounds							
2)	A alpha-BHC	3.877	4.359	3004207	46207709	2.160	2.400
3)	MA gamma-BHC...	4.161	4.643	2974372	38463975	2.276	2.225
4)	MA Heptachlor	4.462	5.152	2733617	40547721	2.153	2.310
5)	MB Aldrin	4.710	5.456	2574295	37325882	2.138	2.232
6)	B beta-BHC	4.411	4.814	1475287	17694299	2.462m	2.320
7)	B delta-BHC	4.616	5.030	2678013	62855371	1.986	3.482 #
8)	B Heptachlo...	5.154	5.844	2608916	56122258	2.255	3.513 #
9)	A Endosulfan I	5.493	6.199	2540346	38433611	2.319	2.604
10)	B gamma-Chl...	5.381	6.076	2667535	37918662	2.266	2.383
11)	B alpha-Chl...	5.440	6.149	2648044	37548039	2.286	2.460
12)	B 4,4'-DDE	5.602	6.306	2526278	37615468	2.197m	2.375
13)	MA Dieldrin	5.737	6.456	2729327	39653606	2.273	2.454
14)	MA Endrin	5.994	6.672	2858843	34235521	2.572	2.435m
15)	B Endosulfa...	6.268	6.882	2611905	33404067	2.507	2.500
16)	A 4,4'-DDD	6.121	6.796	1863719	32590252	1.957	2.522 #
17)	MA 4,4'-DDT	6.360	7.095	1694662	31268192	1.765m	2.455 #
18)	B Endrin al...	6.435	7.006	2218851	27213677	2.378m	2.332
19)	B Endosulfa...	6.650	7.230	2350544	34950774	2.245	2.513
20)	A Methoxychlor	6.907	7.553	2160997	13177108	3.671	1.974 #
21)	B Endrin ke...	7.143	7.698	2652148	32049905	2.127	2.362m
22)	Mirex	7.331	8.155	2448293	20648611	2.674	2.254

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050721\
 Data File : PD062770.D
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 Acq On : 06 May 2021 15:52
 Operator : AR\AJ
 Sample : M2262-07
 Misc : LOD 2.5 PPB
 ALS Vial : 11 Sample Multiplier: 1

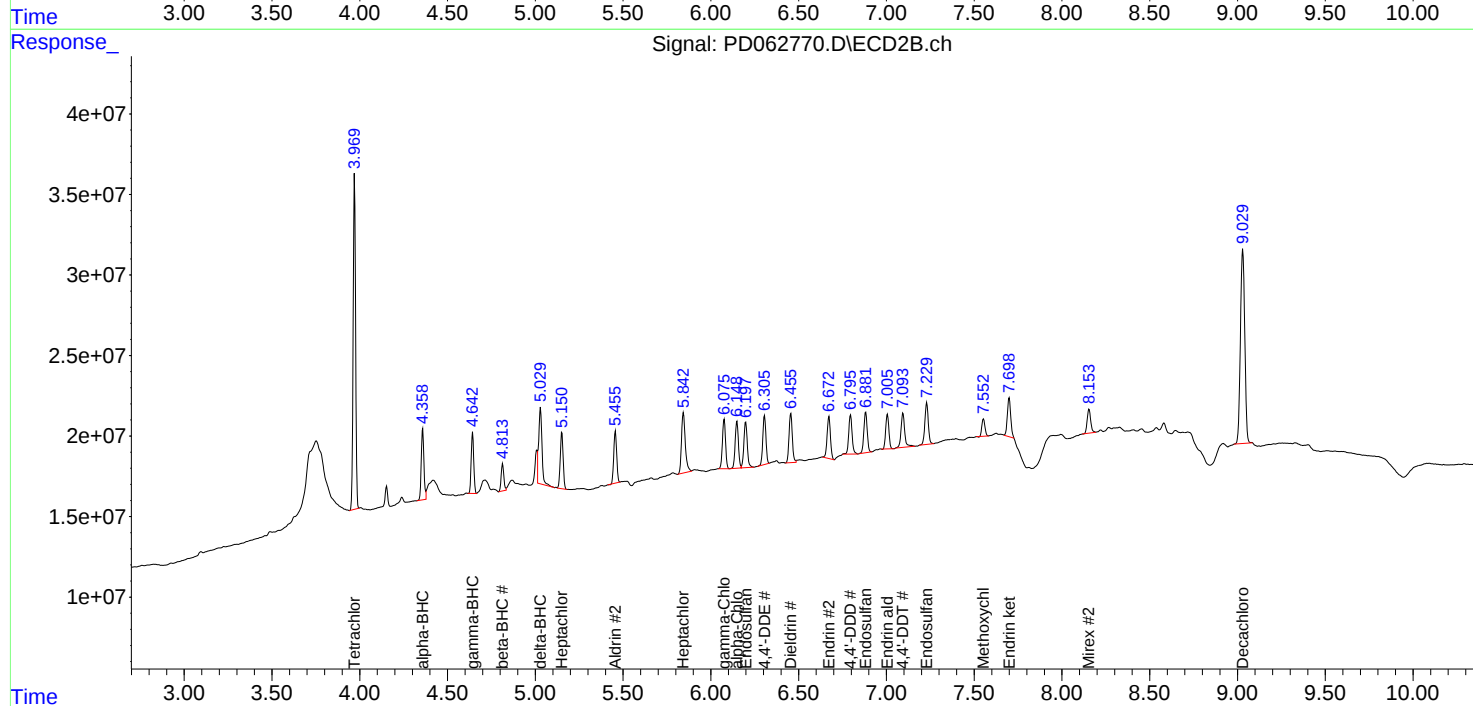
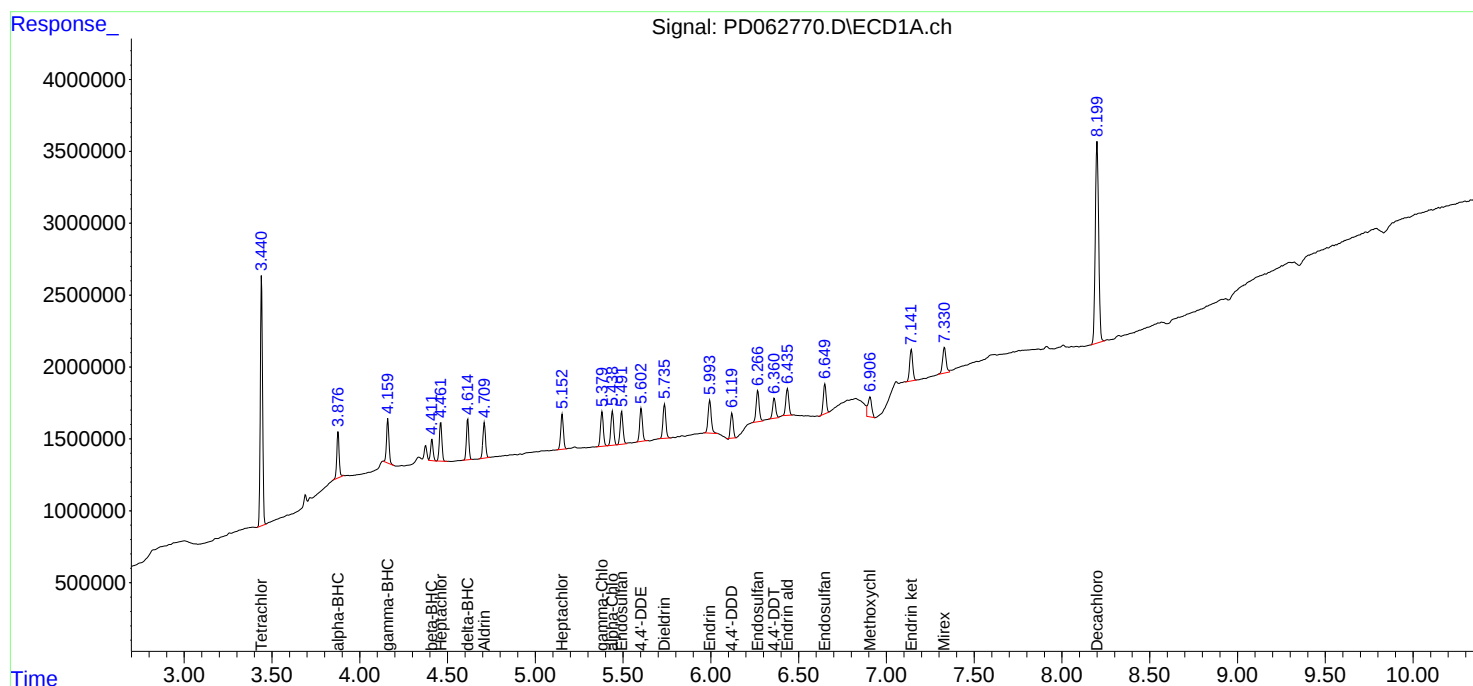
Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-SOIL-01-QT2-202

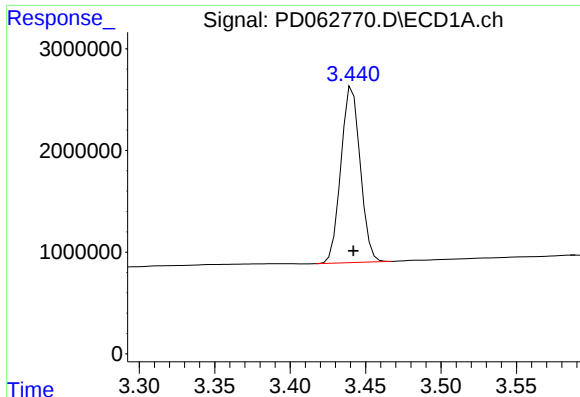
Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 08:08:54 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD050621.M
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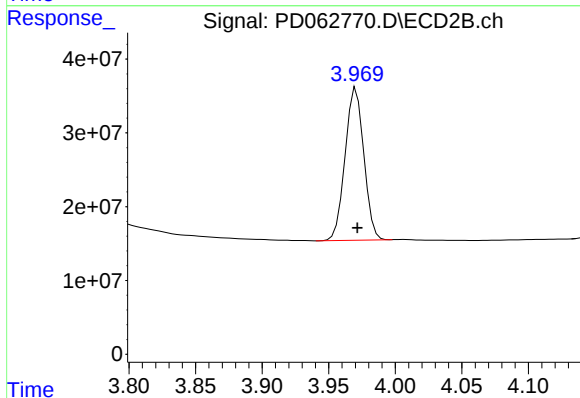
#1 Tetrachloro-m-xylene

R.T.: 3.441 min
Delta R.T.: 0.000 min
Response: 15432389
Conc: 17.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

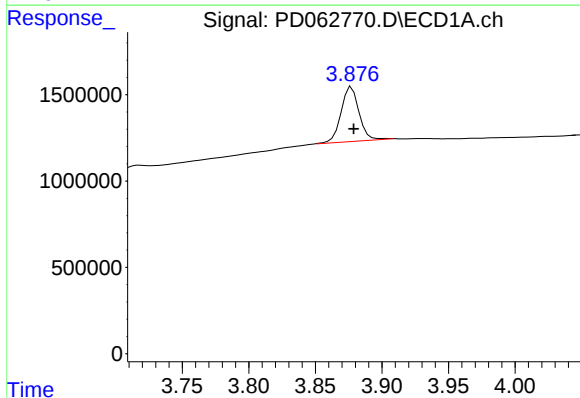
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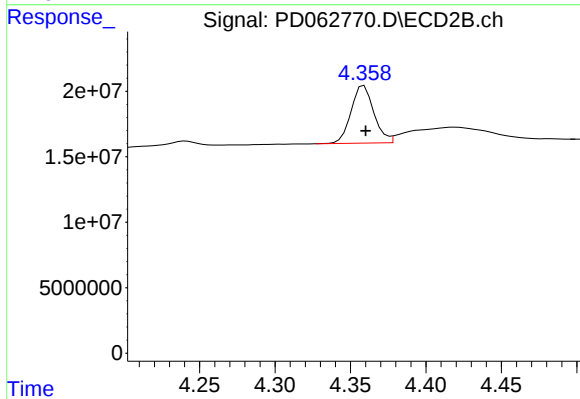
#1 Tetrachloro-m-xylene

R.T.: 3.971 min
Delta R.T.: 0.000 min
Response: 202073387
Conc: 17.45 ng/ml



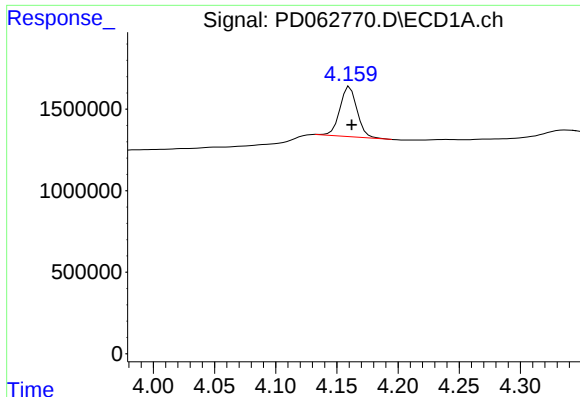
#2 alpha-BHC

R.T.: 3.877 min
Delta R.T.: -0.002 min
Response: 3004207
Conc: 2.16 ng/ml



#2 alpha-BHC

R.T.: 4.359 min
Delta R.T.: -0.001 min
Response: 46207709
Conc: 2.40 ng/ml



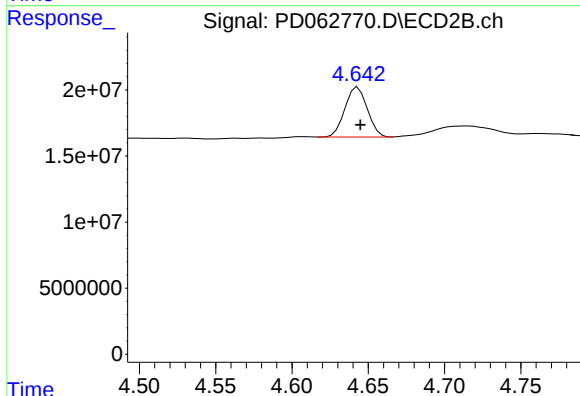
#3 gamma-BHC (Lindane)

R.T.: 4.161 min
Delta R.T.: -0.001 min
Response: 2974372
Conc: 2.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

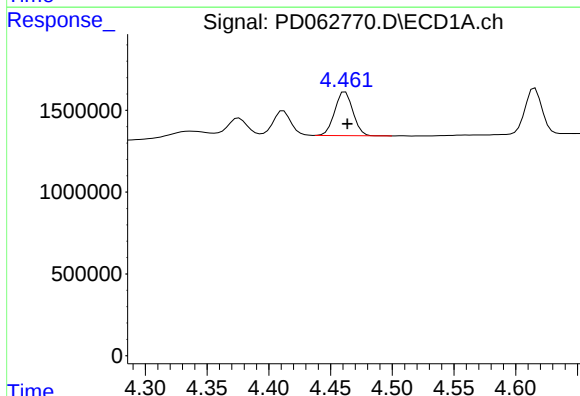
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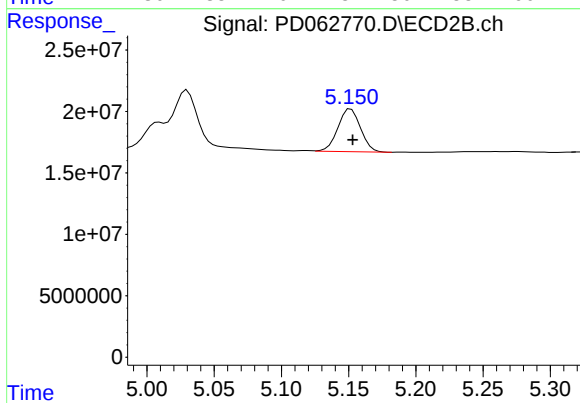
#3 gamma-BHC (Lindane)

R.T.: 4.643 min
Delta R.T.: -0.001 min
Response: 38463975
Conc: 2.23 ng/ml



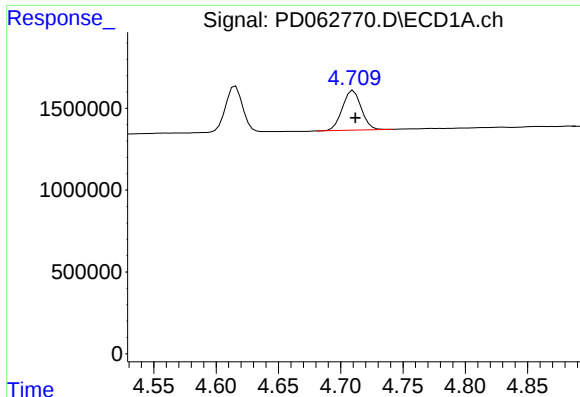
#4 Heptachlor

R.T.: 4.462 min
Delta R.T.: -0.002 min
Response: 2733617
Conc: 2.15 ng/ml



#4 Heptachlor

R.T.: 5.152 min
Delta R.T.: -0.001 min
Response: 40547721
Conc: 2.31 ng/ml



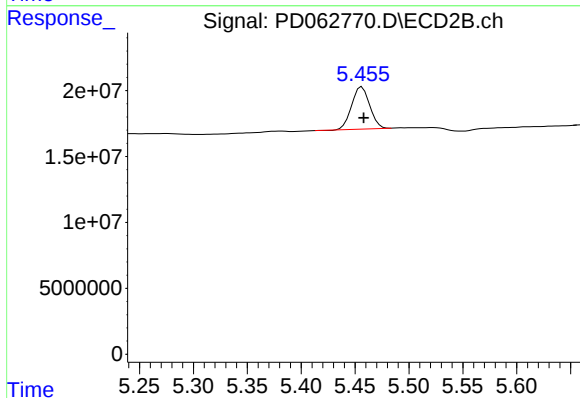
#5 Aldrin

R.T.: 4.710 min
Delta R.T.: -0.002 min
Response: 2574295
Conc: 2.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

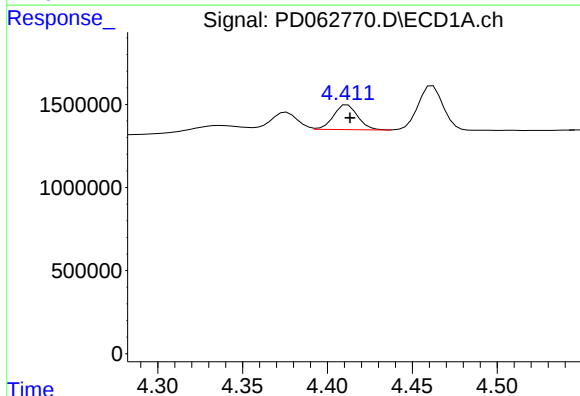
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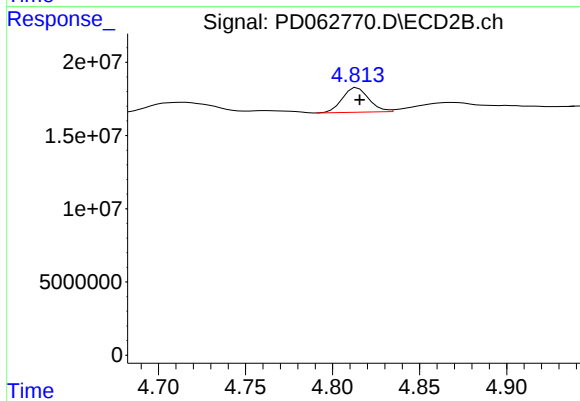
#5 Aldrin

R.T.: 5.456 min
Delta R.T.: -0.002 min
Response: 37325882
Conc: 2.23 ng/ml



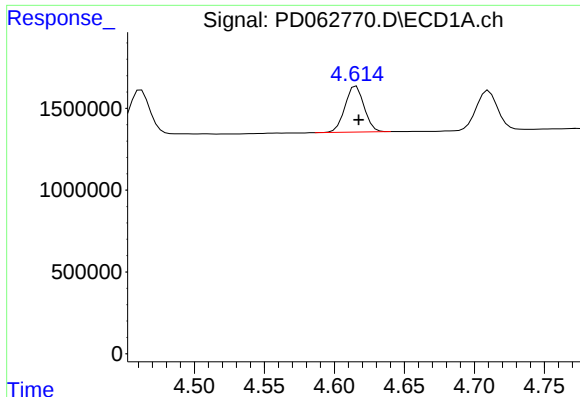
#6 beta-BHC

R.T.: 4.411 min
Delta R.T.: -0.003 min
Response: 1475287
Conc: 2.46 ng/ml m



#6 beta-BHC

R.T.: 4.814 min
Delta R.T.: -0.001 min
Response: 17694299
Conc: 2.32 ng/ml



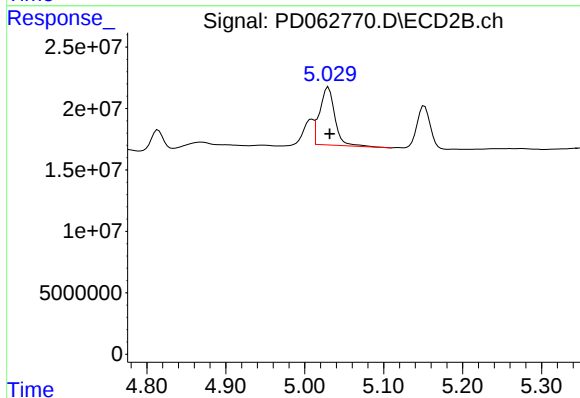
#7 delta-BHC

R.T.: 4.616 min
Delta R.T.: -0.002 min
Response: 2678013
Conc: 1.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

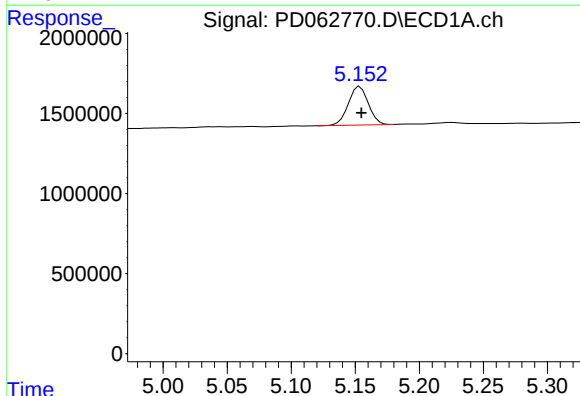
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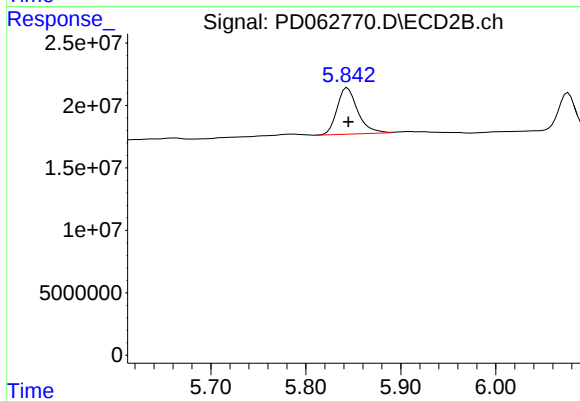
#7 delta-BHC

R.T.: 5.030 min
Delta R.T.: -0.002 min
Response: 62855371
Conc: 3.48 ng/ml



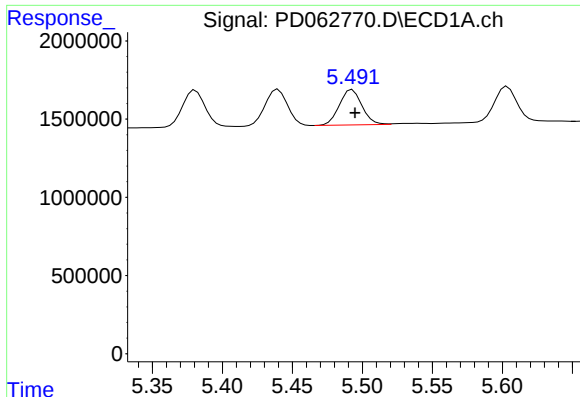
#8 Heptachlor epoxide

R.T.: 5.154 min
Delta R.T.: 0.000 min
Response: 2608916
Conc: 2.25 ng/ml



#8 Heptachlor epoxide

R.T.: 5.844 min
Delta R.T.: -0.001 min
Response: 56122258
Conc: 3.51 ng/ml



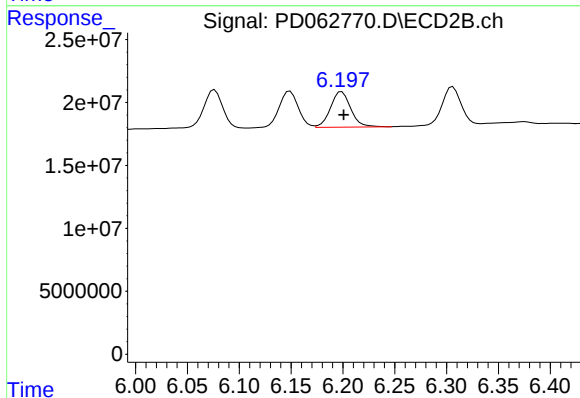
#9 Endosulfan I

R.T.: 5.493 min
Delta R.T.: -0.002 min
Response: 2540346
Conc: 2.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

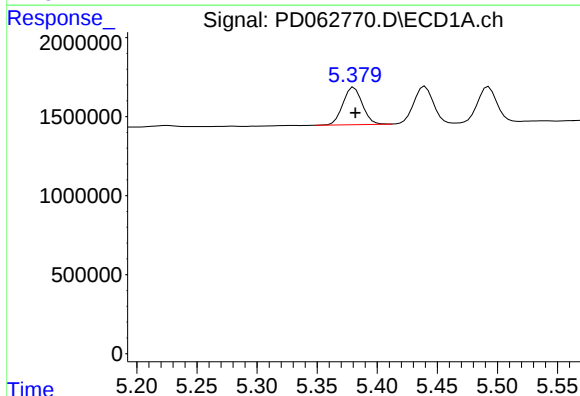
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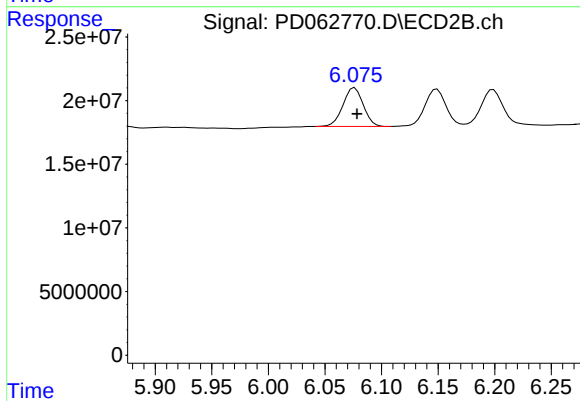
#9 Endosulfan I

R.T.: 6.199 min
Delta R.T.: -0.002 min
Response: 38433611
Conc: 2.60 ng/ml



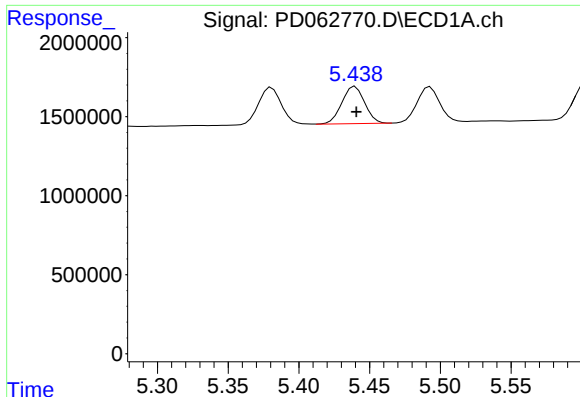
#10 gamma-Chlordane

R.T.: 5.381 min
Delta R.T.: -0.001 min
Response: 2667535
Conc: 2.27 ng/ml



#10 gamma-Chlordane

R.T.: 6.076 min
Delta R.T.: -0.002 min
Response: 37918662
Conc: 2.38 ng/ml



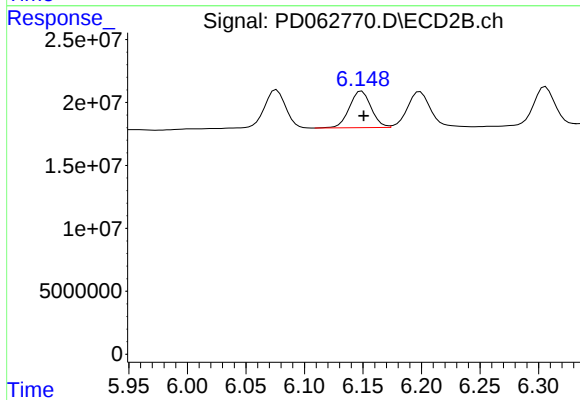
#11 alpha-Chlordane

R.T.: 5.440 min
Delta R.T.: 0.000 min
Response: 2648044
Conc: 2.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

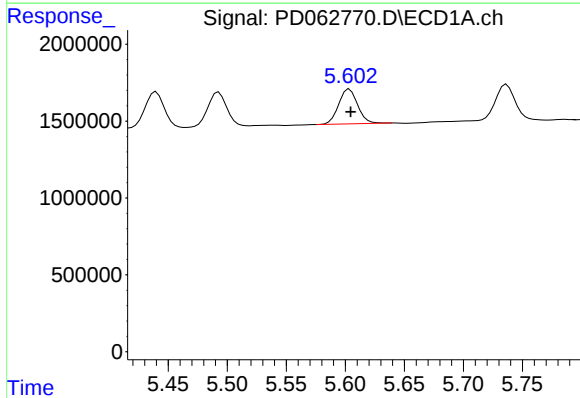
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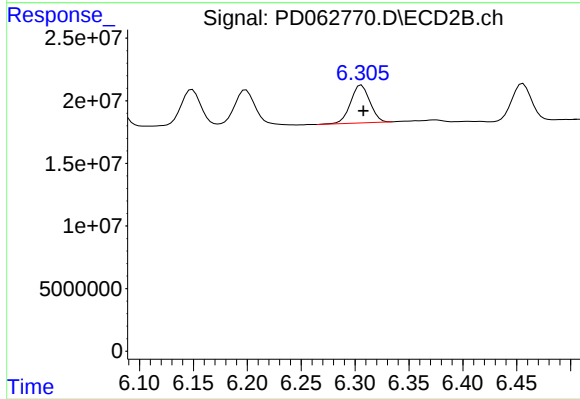
#11 alpha-Chlordane

R.T.: 6.149 min
Delta R.T.: -0.002 min
Response: 37548039
Conc: 2.46 ng/ml



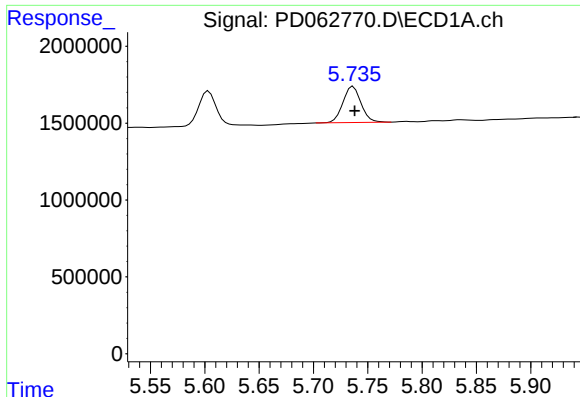
#12 4,4'-DDE

R.T.: 5.602 min
Delta R.T.: -0.003 min
Response: 2526278
Conc: 2.20 ng/ml m



#12 4,4'-DDE

R.T.: 6.306 min
Delta R.T.: -0.002 min
Response: 37615468
Conc: 2.37 ng/ml



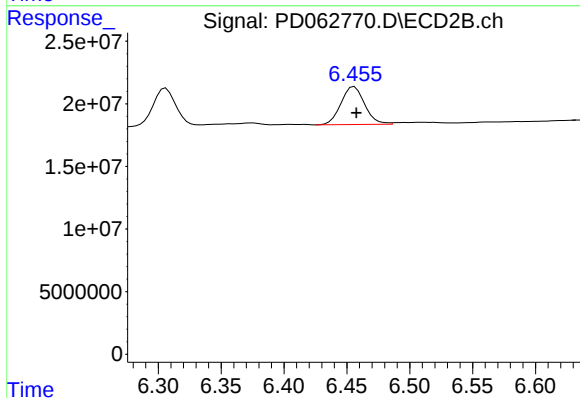
#13 Dieldrin

R.T.: 5.737 min
Delta R.T.: -0.001 min
Response: 2729327
Conc: 2.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

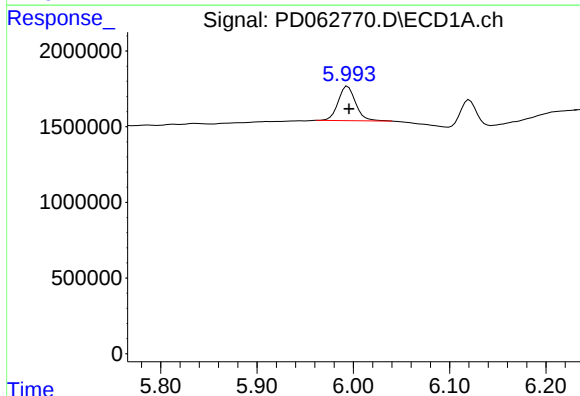
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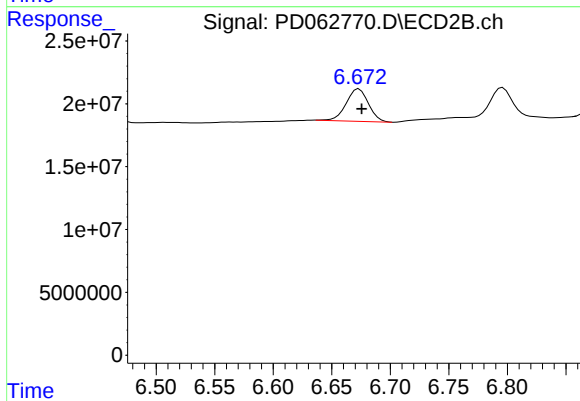
#13 Dieldrin

R.T.: 6.456 min
Delta R.T.: -0.002 min
Response: 39653606
Conc: 2.45 ng/ml



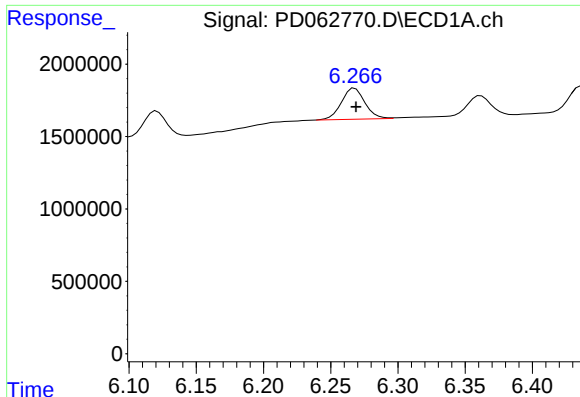
#14 Endrin

R.T.: 5.994 min
Delta R.T.: -0.001 min
Response: 2858843
Conc: 2.57 ng/ml



#14 Endrin

R.T.: 6.672 min
Delta R.T.: -0.004 min
Response: 34235521
Conc: 2.44 ng/ml m



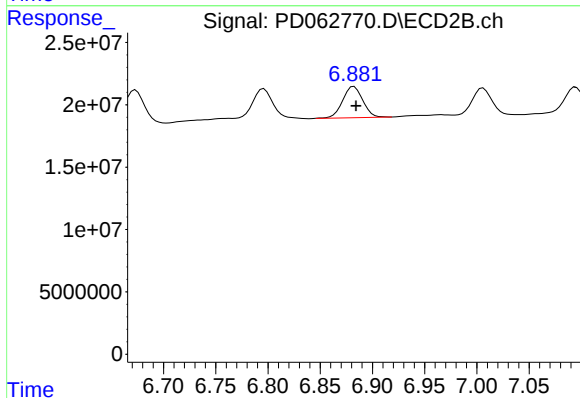
#15 Endosulfan II

R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 2611905
Conc: 2.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
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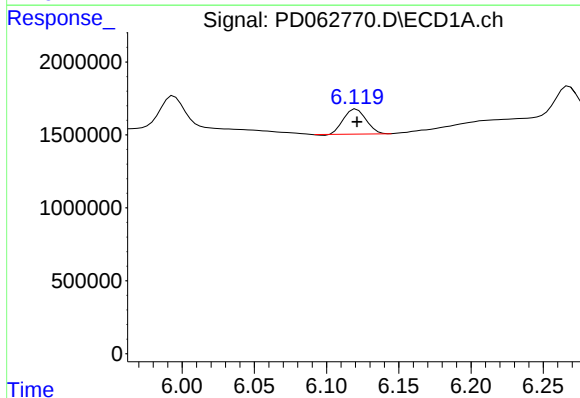
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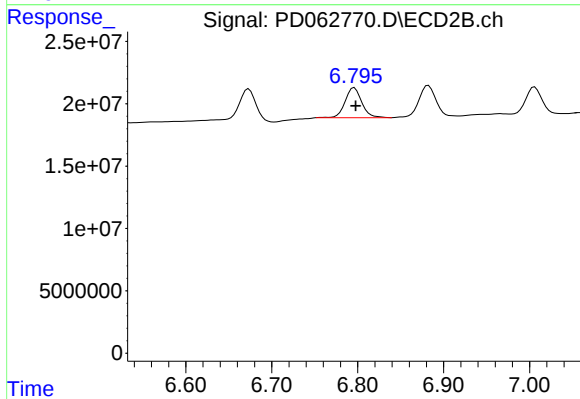
#15 Endosulfan II

R.T.: 6.882 min
Delta R.T.: -0.002 min
Response: 33404067
Conc: 2.50 ng/ml



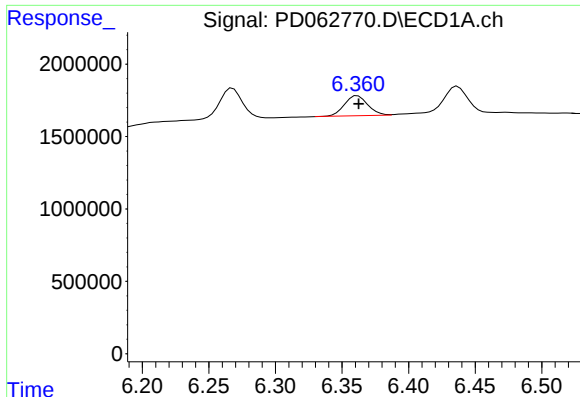
#16 4,4'-DDD

R.T.: 6.121 min
Delta R.T.: 0.000 min
Response: 1863719
Conc: 1.96 ng/ml



#16 4,4'-DDD

R.T.: 6.796 min
Delta R.T.: -0.002 min
Response: 32590252
Conc: 2.52 ng/ml



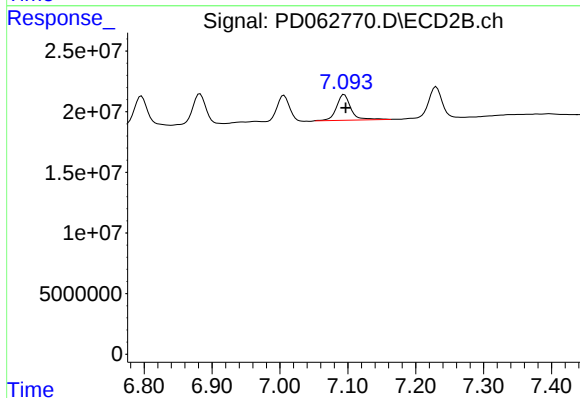
#17 4,4'-DDT

R.T.: 6.360 min
Delta R.T.: -0.002 min
Response: 1694662
Conc: 1.77 ng/ml m

Instrument :
ECD_D
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LOD-MDL-WATER-SOIL-01-QT2-202

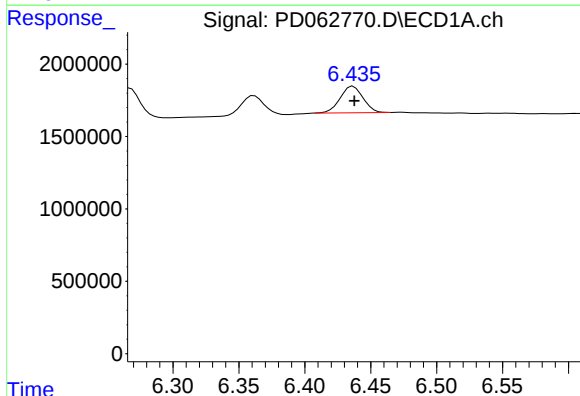
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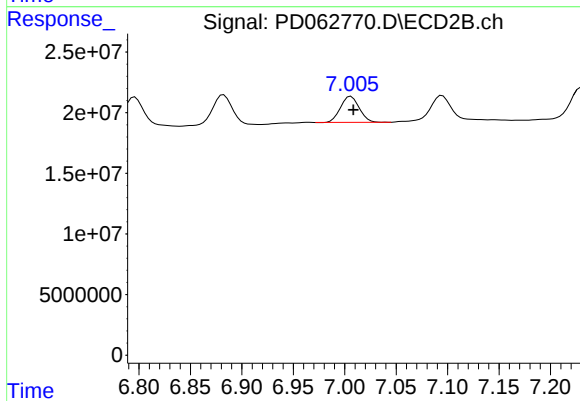
#17 4,4'-DDT

R.T.: 7.095 min
Delta R.T.: -0.002 min
Response: 31268192
Conc: 2.45 ng/ml



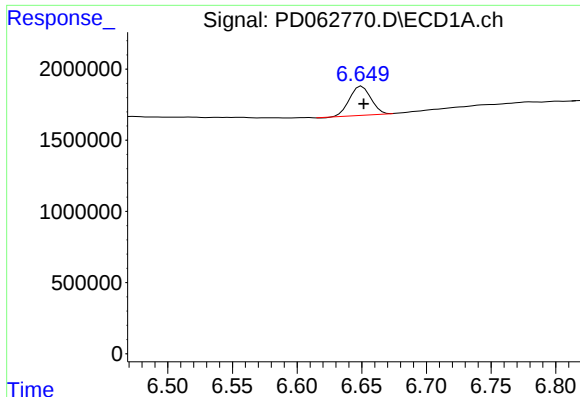
#18 Endrin aldehyde

R.T.: 6.435 min
Delta R.T.: -0.002 min
Response: 2218851
Conc: 2.38 ng/ml m



#18 Endrin aldehyde

R.T.: 7.006 min
Delta R.T.: -0.002 min
Response: 27213677
Conc: 2.33 ng/ml



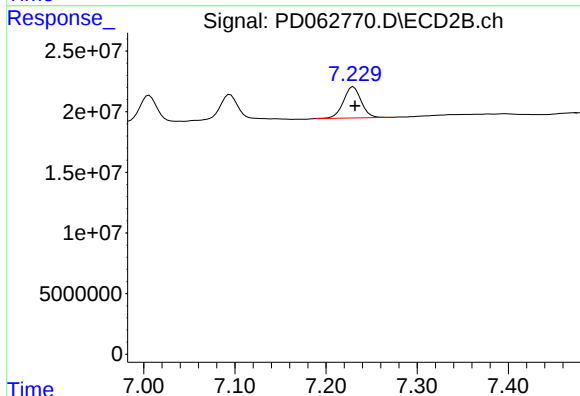
#19 Endosulfan Sulfate

R.T.: 6.650 min
Delta R.T.: -0.001 min
Response: 2350544
Conc: 2.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

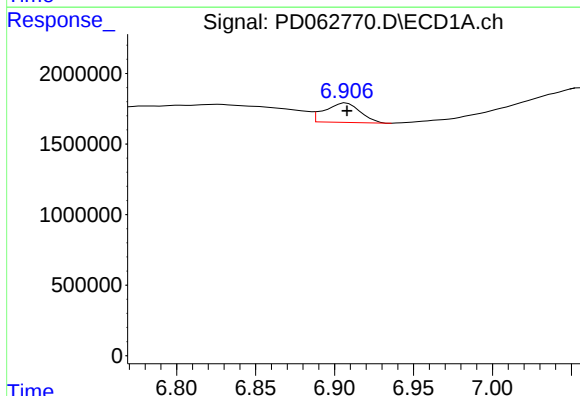
Manual Integrations
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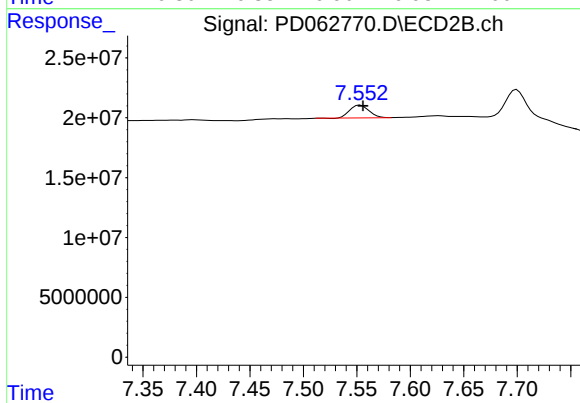
#19 Endosulfan Sulfate

R.T.: 7.230 min
Delta R.T.: -0.002 min
Response: 34950774
Conc: 2.51 ng/ml



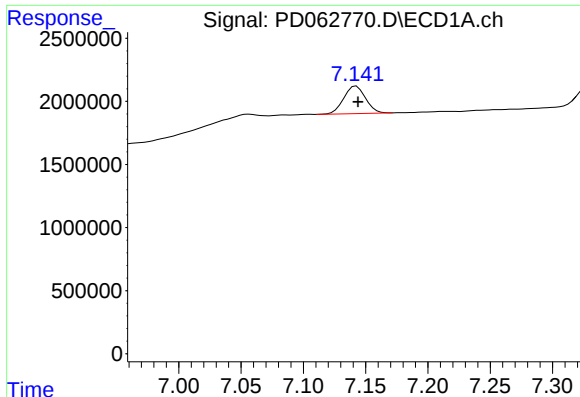
#20 Methoxychlor

R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 2160997
Conc: 3.67 ng/ml



#20 Methoxychlor

R.T.: 7.553 min
Delta R.T.: -0.003 min
Response: 13177108
Conc: 1.97 ng/ml



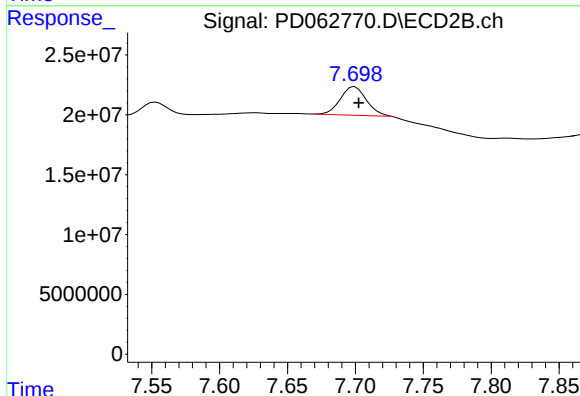
#21 Endrin ketone

R.T.: 7.143 min
Delta R.T.: -0.001 min
Response: 2652148
Conc: 2.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

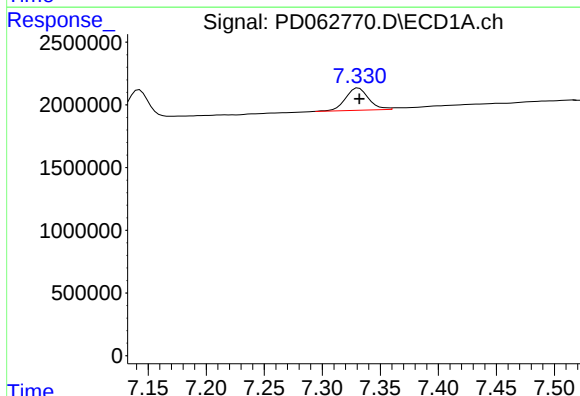
Manual Integrations
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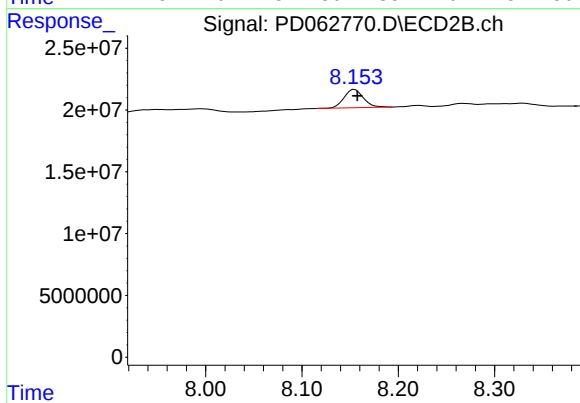
#21 Endrin ketone

R.T.: 7.698 min
Delta R.T.: -0.004 min
Response: 32049905
Conc: 2.36 ng/ml m



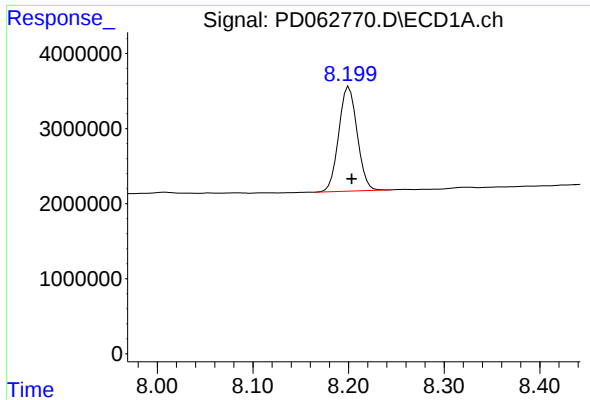
#22 Mirex

R.T.: 7.331 min
Delta R.T.: 0.000 min
Response: 2448293
Conc: 2.67 ng/ml



#22 Mirex

R.T.: 8.155 min
Delta R.T.: -0.003 min
Response: 20648611
Conc: 2.25 ng/ml



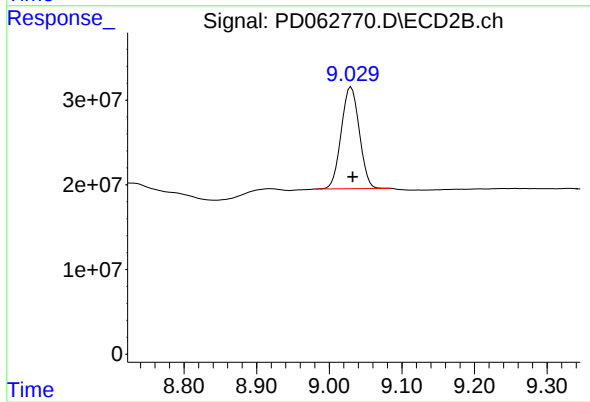
#28 Decachlorobiphenyl

R.T.: 8.200 min
Delta R.T.: -0.003 min
Response: 18733441
Conc: 17.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.030 min
Delta R.T.: -0.002 min
Response: 208388139
Conc: 18.06 ng/ml