

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051221\
 Data File : PD062865.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 May 2021 11:08
 Operator : AR\AJ
 Sample : M2262-09
 Misc : PEST MDL 1 PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-WATER-03-QT2-2021

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 03:56:14 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...	3.447	3.971	18482639	228.5E6	20.785	19.734
28)	SA Decachlor...	8.206	9.032	22748692	242.9E6	21.487	21.046
Target Compounds							
2)	A alpha-BHC	3.883	4.359	1510315	19053483	1.086	0.990m
3)	MA gamma-BHC...	4.167	4.645	1658310	19655224	1.269	1.137
4)	MA Heptachlor	4.468	5.153	1211989	18951336	0.955	1.080
5)	MB Aldrin	4.717	5.457	1156042	18290037	0.960	1.094
6)	B beta-BHC	4.417	4.816	676940	7904994	1.130m	1.037m
7)	B delta-BHC	4.623	5.030	1184622	22711404	0.879	1.258m#
8)	B Heptachlo...	5.160	5.845	1167115	23360220	1.009	1.462 #
9)	A Endosulfan I	5.500	6.200	1156708	15412564	1.056	1.044
10)	B gamma-Chl...	5.388	6.078	1163163	16348252	0.988	1.027
11)	B alpha-Chl...	5.446	6.151	1187629	16583610	1.025	1.086
12)	B 4,4'-DDE	5.610	6.307	1096927	16458543	0.954	1.039
13)	MA Dieldrin	5.743	6.456	1257860	17365239	1.047	1.075m
14)	MA Endrin	6.001	6.674	1423235	12932844	1.281	0.920m#
15)	B Endosulfa...	6.274	6.884	1334212	15998297	1.281	1.198
16)	A 4,4'-DDD	6.125	6.796	1002449	13772779	1.053m	1.066m
17)	MA 4,4'-DDT	6.367	7.097	746014	9694020	0.777m	0.761
18)	B Endrin al...	6.442	7.008	1102279	13052869	1.182m	1.119
19)	B Endosulfa...	6.657	7.231	985585	17415332	0.941	1.252 #
20)	A Methoxychlor	6.913	7.556	430831	5862105	0.732m	0.878
21)	B Endrin ke...	7.148	7.702	1161717	14941455	0.932	1.101
22)	Mirex	7.335	8.157	1032997	11518443	1.128m	1.257

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051221\
 Data File : PD062865.D
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 Acq On : 11 May 2021 11:08
 Operator : AR\AJ
 Sample : M2262-09
 Misc : PEST MDL 1 PPB
 ALS Vial : 8 Sample Multiplier: 1

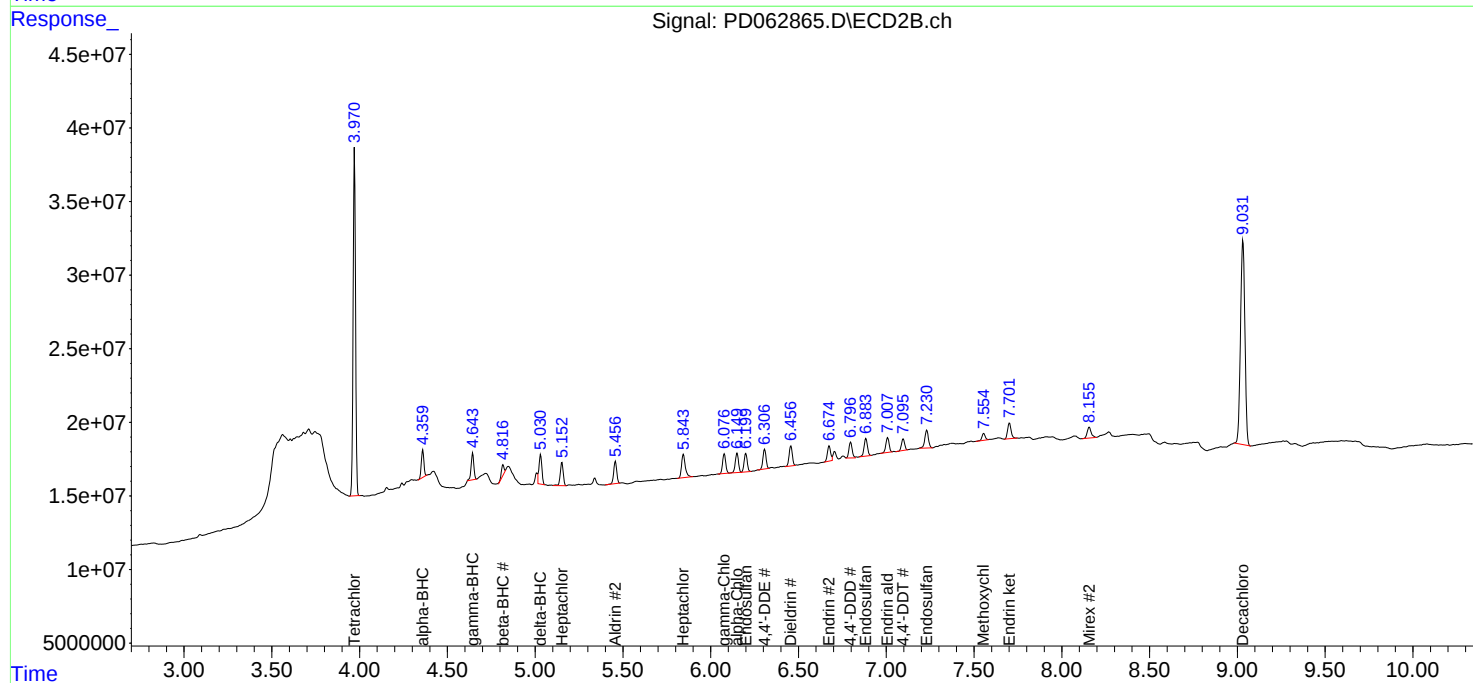
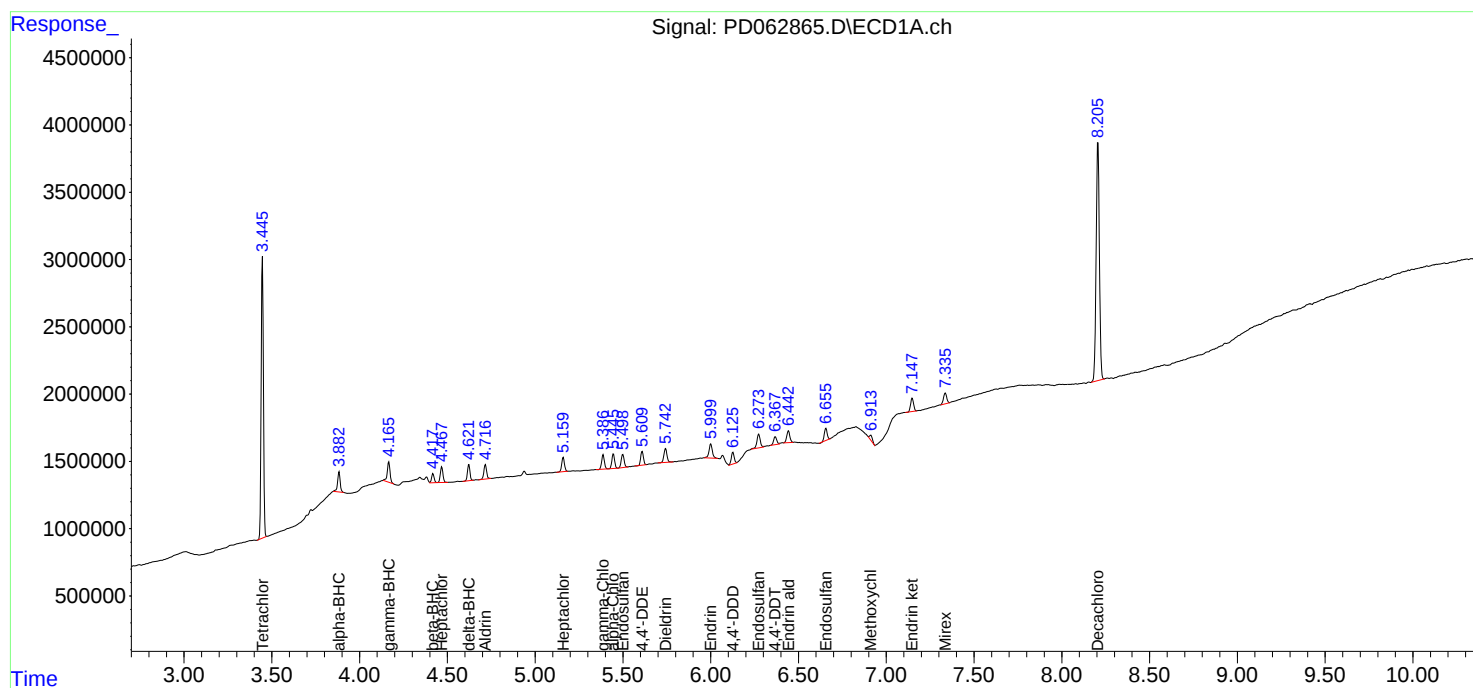
Instrument :
 ECD_D
 ClientSampled :
 MDL-WATER-03-QT2-2021

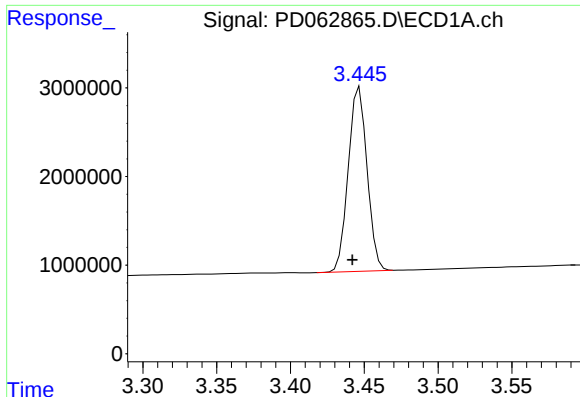
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 03:56:14 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD050621.M
 Quant Title : GC Extractables
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Volume Inj. : 2 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





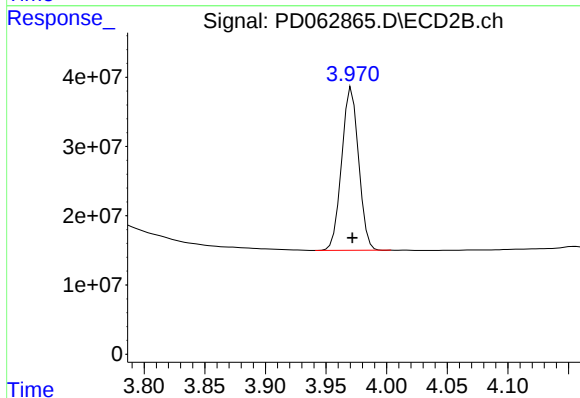
#1 Tetrachloro-m-xylene

R.T.: 3.447 min
Delta R.T.: 0.005 min
Response: 18482639
Conc: 20.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2021

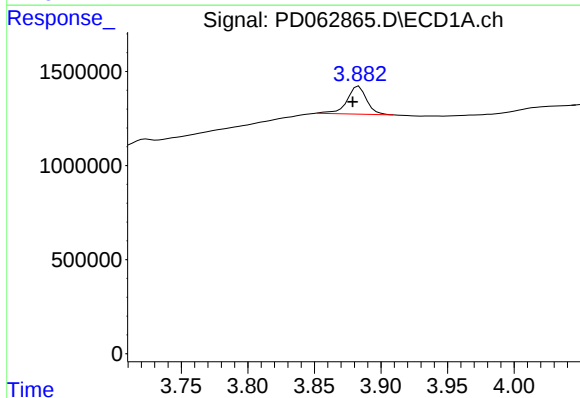
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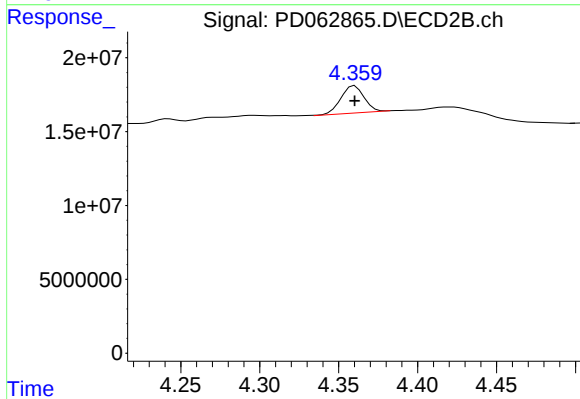
#1 Tetrachloro-m-xylene

R.T.: 3.971 min
Delta R.T.: 0.000 min
Response: 228457281
Conc: 19.73 ng/ml



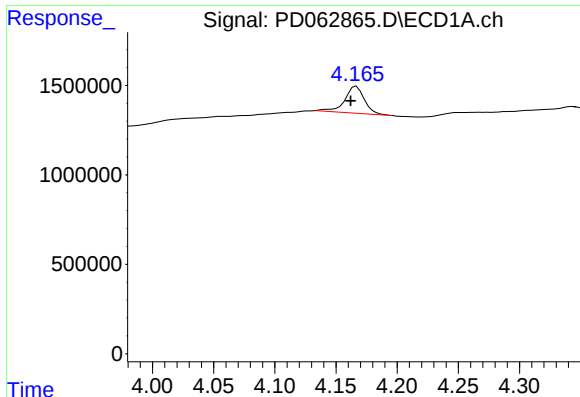
#2 alpha-BHC

R.T.: 3.883 min
Delta R.T.: 0.005 min
Response: 1510315
Conc: 1.09 ng/ml



#2 alpha-BHC

R.T.: 4.359 min
Delta R.T.: -0.001 min
Response: 19053483
Conc: 0.99 ng/ml m



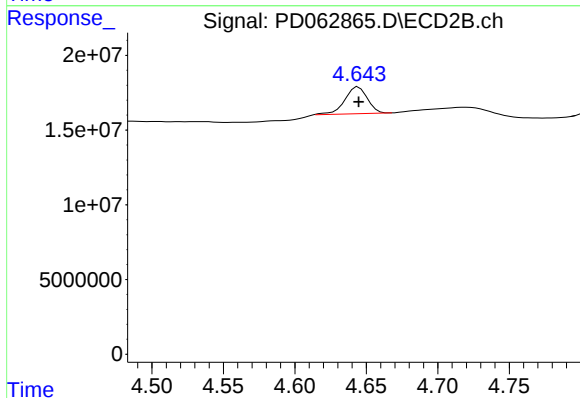
#3 gamma-BHC (Lindane)

R.T.: 4.167 min
Delta R.T.: 0.005 min
Response: 1658310
Conc: 1.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2021

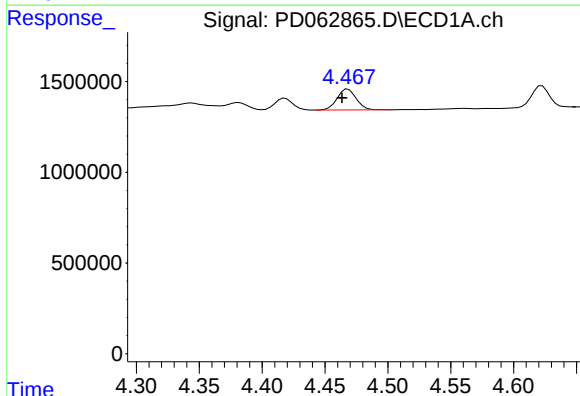
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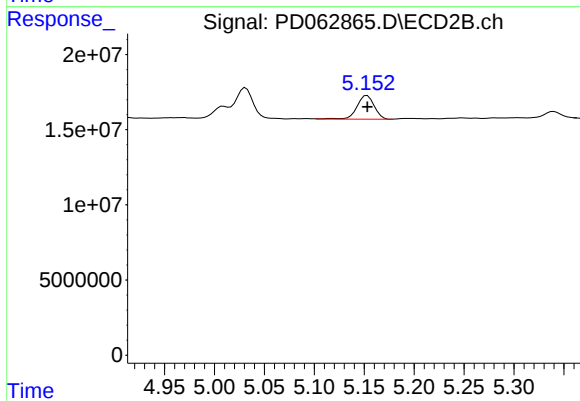
#3 gamma-BHC (Lindane)

R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 19655224
Conc: 1.14 ng/ml



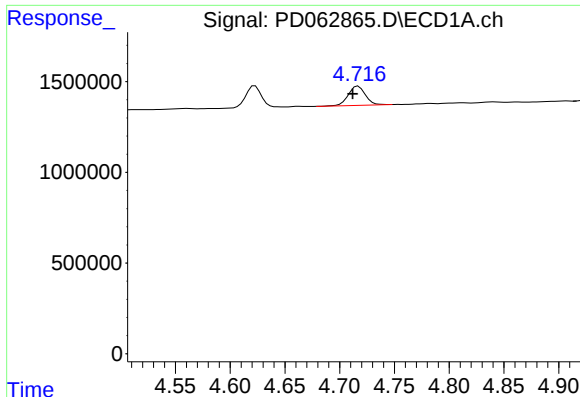
#4 Heptachlor

R.T.: 4.468 min
Delta R.T.: 0.005 min
Response: 1211989
Conc: 0.95 ng/ml



#4 Heptachlor

R.T.: 5.153 min
Delta R.T.: 0.000 min
Response: 18951336
Conc: 1.08 ng/ml



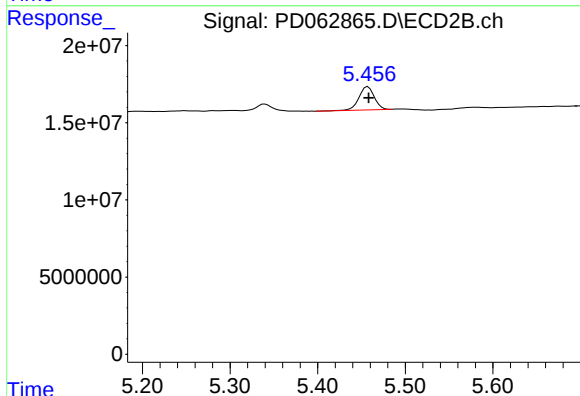
#5 Aldrin

R.T.: 4.717 min
Delta R.T.: 0.005 min
Response: 1156042
Conc: 0.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2021

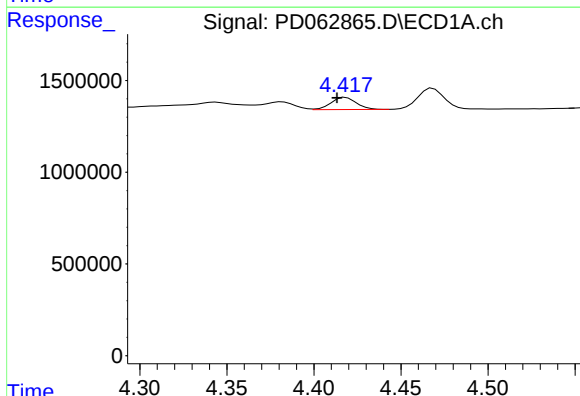
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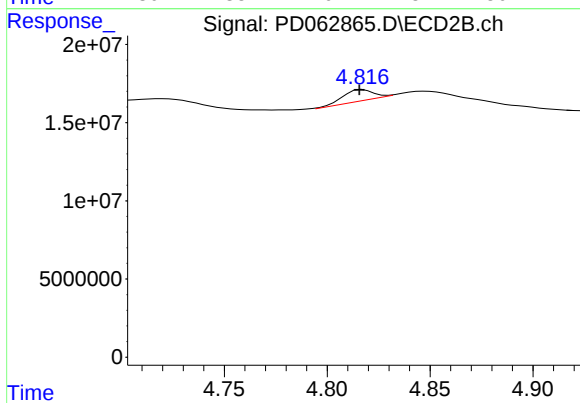
#5 Aldrin

R.T.: 5.457 min
Delta R.T.: 0.000 min
Response: 18290037
Conc: 1.09 ng/ml



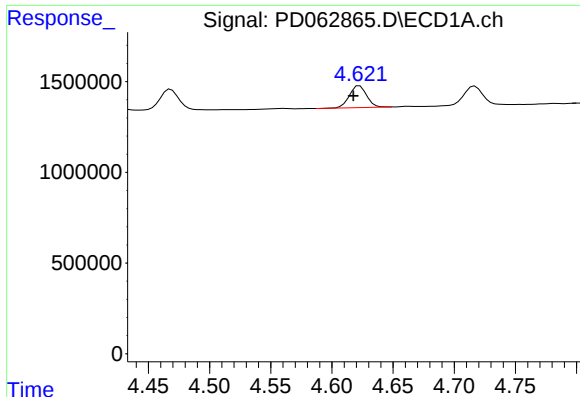
#6 beta-BHC

R.T.: 4.417 min
Delta R.T.: 0.004 min
Response: 676940
Conc: 1.13 ng/ml m



#6 beta-BHC

R.T.: 4.816 min
Delta R.T.: 0.000 min
Response: 7904994
Conc: 1.04 ng/ml m



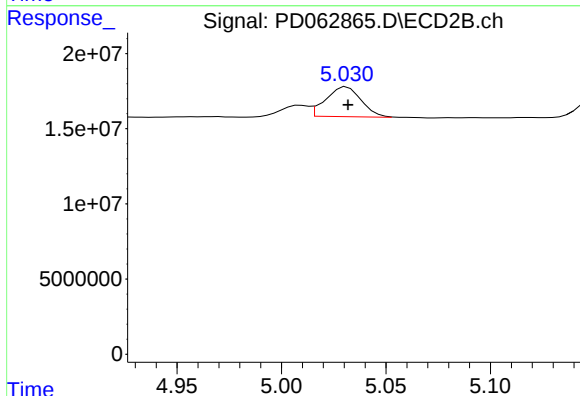
#7 delta-BHC

R.T.: 4.623 min
Delta R.T.: 0.005 min
Response: 1184622
Conc: 0.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2021

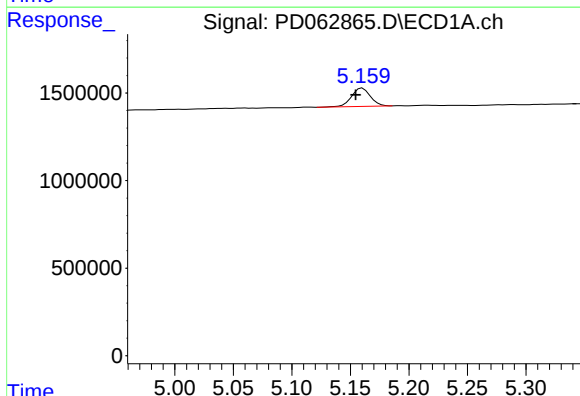
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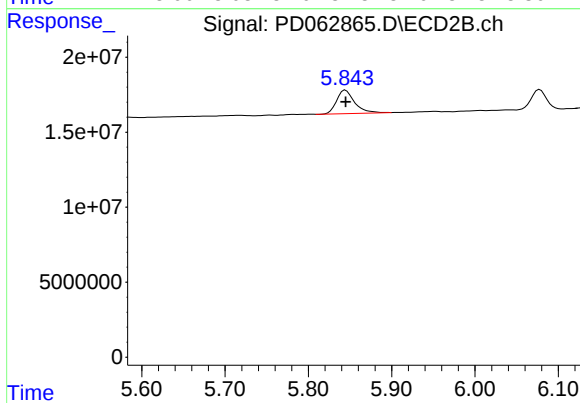
#7 delta-BHC

R.T.: 5.030 min
Delta R.T.: -0.002 min
Response: 22711404
Conc: 1.26 ng/ml m



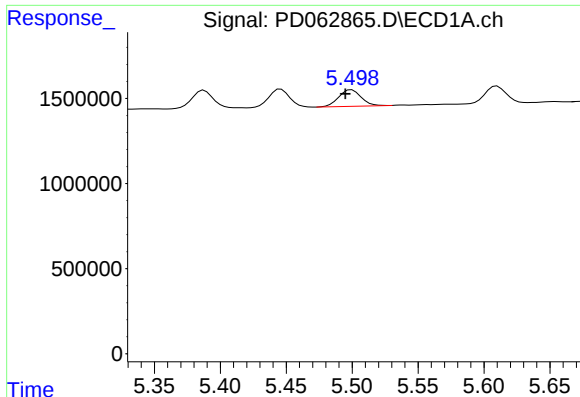
#8 Heptachlor epoxide

R.T.: 5.160 min
Delta R.T.: 0.006 min
Response: 1167115
Conc: 1.01 ng/ml



#8 Heptachlor epoxide

R.T.: 5.845 min
Delta R.T.: 0.000 min
Response: 23360220
Conc: 1.46 ng/ml



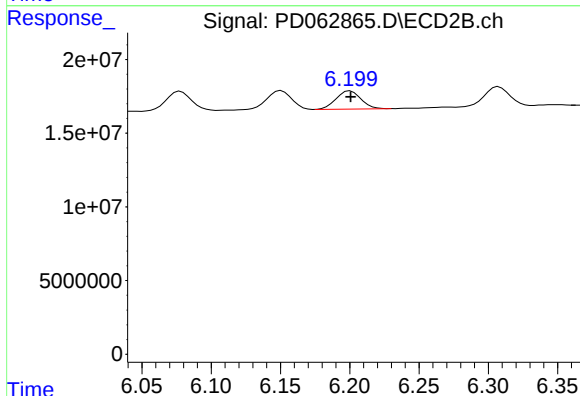
#9 Endosulfan I

R.T.: 5.500 min
Delta R.T.: 0.005 min
Response: 1156708
Conc: 1.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2021

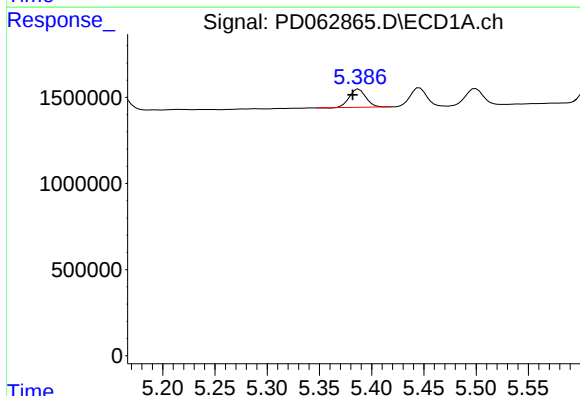
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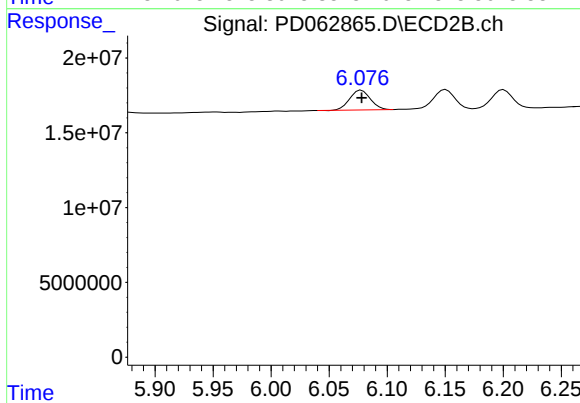
#9 Endosulfan I

R.T.: 6.200 min
Delta R.T.: 0.000 min
Response: 15412564
Conc: 1.04 ng/ml



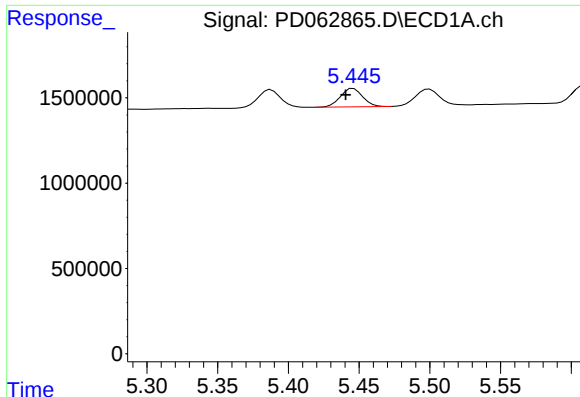
#10 gamma-Chlordane

R.T.: 5.388 min
Delta R.T.: 0.006 min
Response: 1163163
Conc: 0.99 ng/ml



#10 gamma-Chlordane

R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 16348252
Conc: 1.03 ng/ml



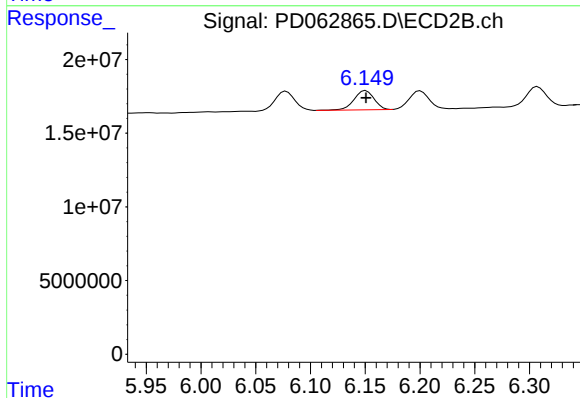
#11 alpha-Chlordane

R.T.: 5.446 min
Delta R.T.: 0.005 min
Response: 1187629
Conc: 1.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2021

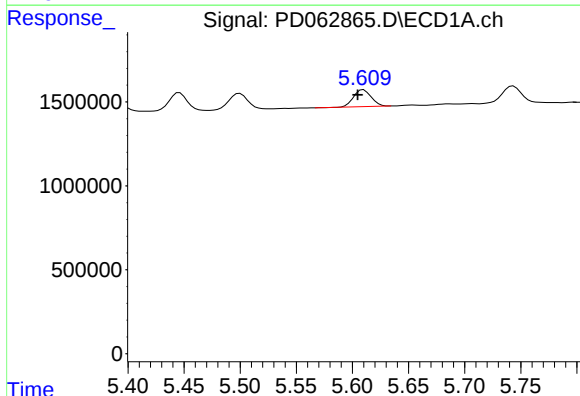
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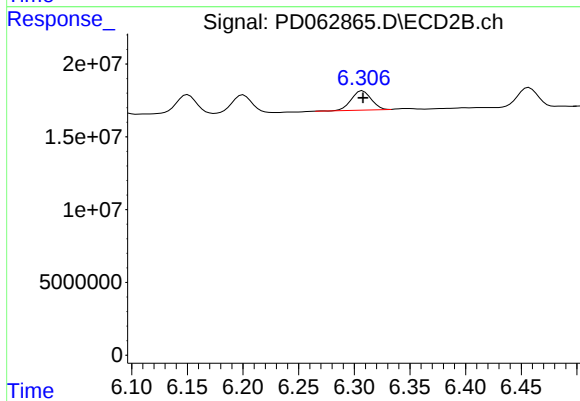
#11 alpha-Chlordane

R.T.: 6.151 min
Delta R.T.: 0.000 min
Response: 16583610
Conc: 1.09 ng/ml



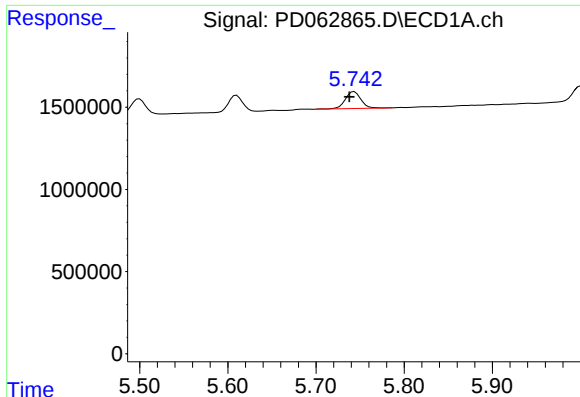
#12 4,4'-DDE

R.T.: 5.610 min
Delta R.T.: 0.005 min
Response: 1096927
Conc: 0.95 ng/ml



#12 4,4'-DDE

R.T.: 6.307 min
Delta R.T.: 0.000 min
Response: 16458543
Conc: 1.04 ng/ml



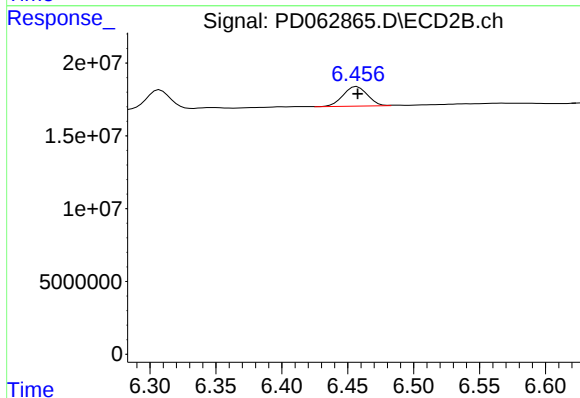
#13 Dieldrin

R.T.: 5.743 min
Delta R.T.: 0.005 min
Response: 1257860
Conc: 1.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2021

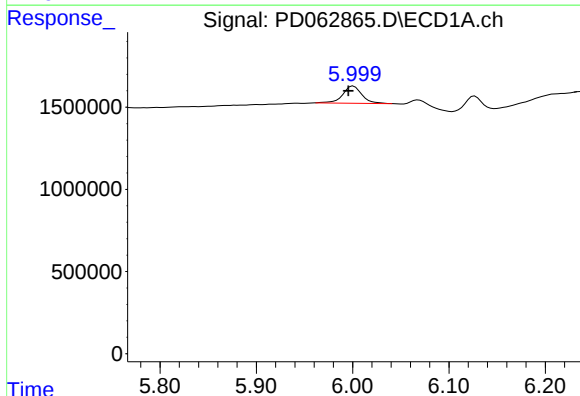
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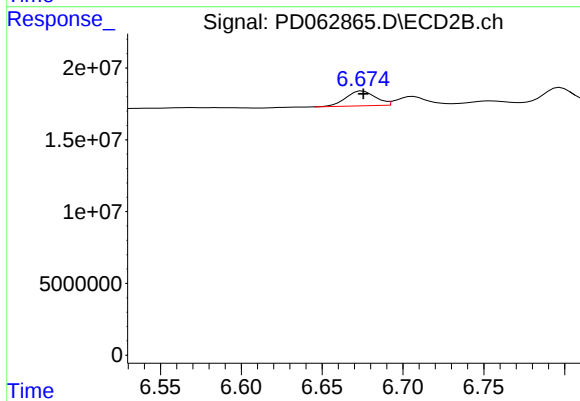
#13 Dieldrin

R.T.: 6.456 min
Delta R.T.: -0.002 min
Response: 17365239
Conc: 1.07 ng/ml m



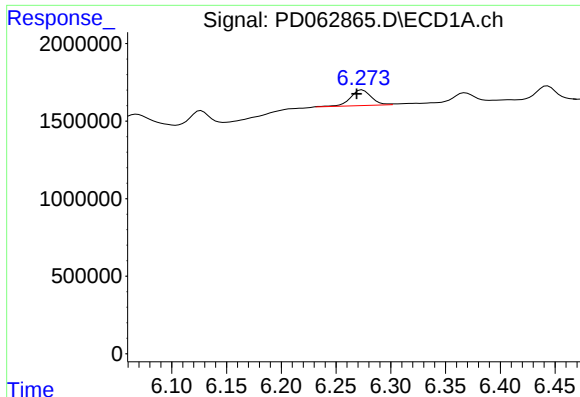
#14 Endrin

R.T.: 6.001 min
Delta R.T.: 0.005 min
Response: 1423235
Conc: 1.28 ng/ml



#14 Endrin

R.T.: 6.674 min
Delta R.T.: -0.002 min
Response: 12932844
Conc: 0.92 ng/ml m



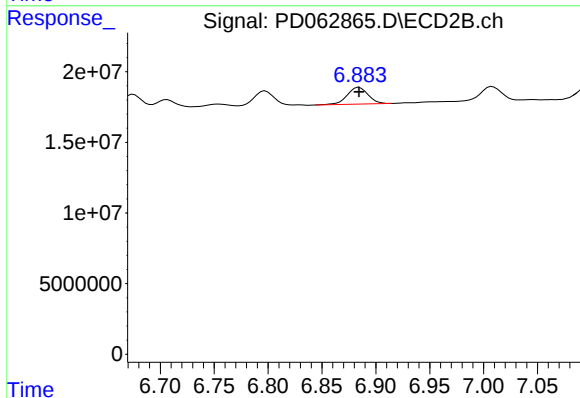
#15 Endosulfan II

R.T.: 6.274 min
Delta R.T.: 0.005 min
Response: 1334212
Conc: 1.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2021

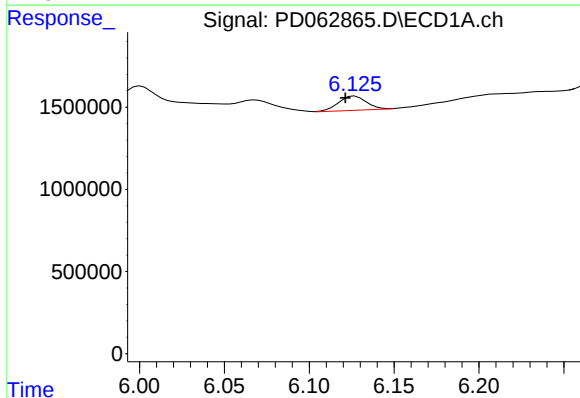
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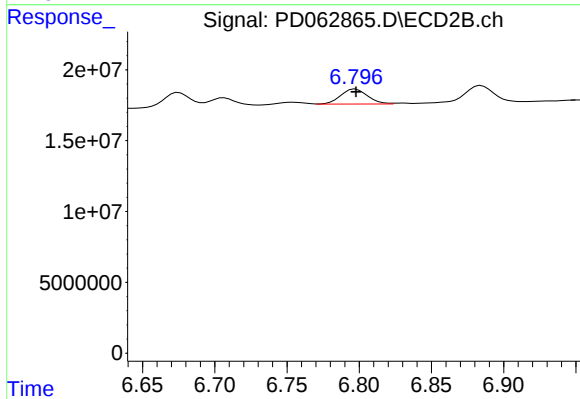
#15 Endosulfan II

R.T.: 6.884 min
Delta R.T.: 0.000 min
Response: 15998297
Conc: 1.20 ng/ml



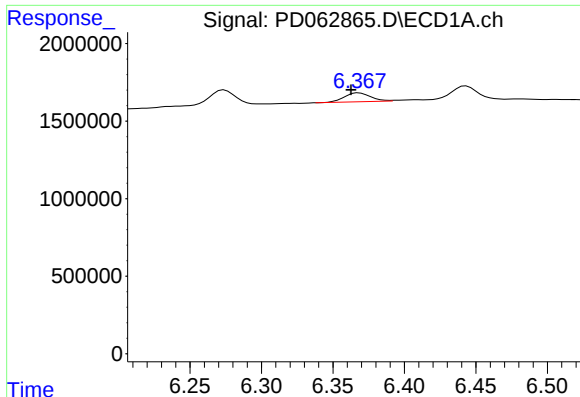
#16 4,4'-DDD

R.T.: 6.125 min
Delta R.T.: 0.004 min
Response: 1002449
Conc: 1.05 ng/ml m



#16 4,4'-DDD

R.T.: 6.796 min
Delta R.T.: -0.002 min
Response: 13772779
Conc: 1.07 ng/ml m



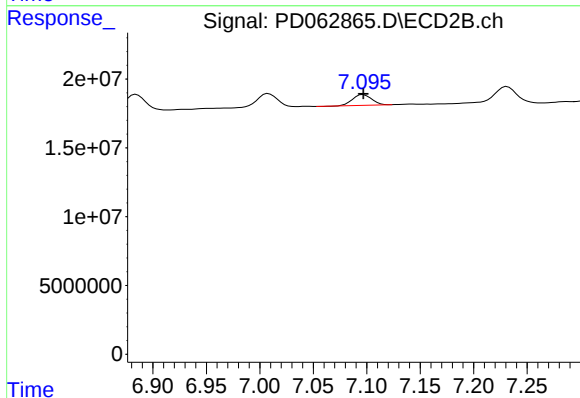
#17 4,4'-DDT

R.T.: 6.367 min
Delta R.T.: 0.004 min
Response: 746014
Conc: 0.78 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2021

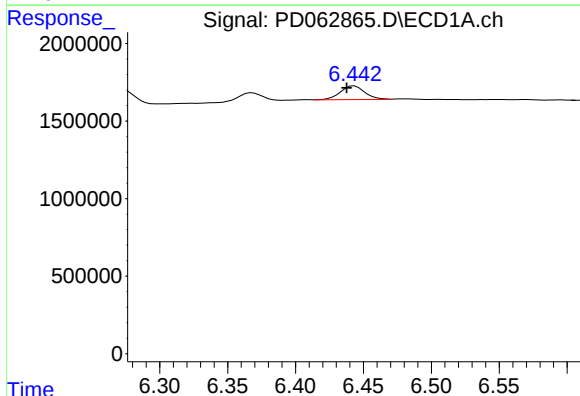
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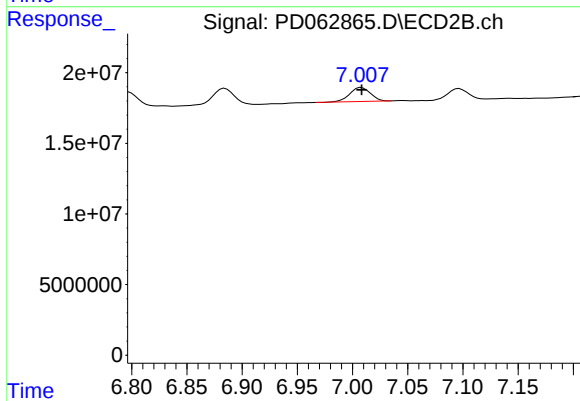
#17 4,4'-DDT

R.T.: 7.097 min
Delta R.T.: 0.000 min
Response: 9694020
Conc: 0.76 ng/ml



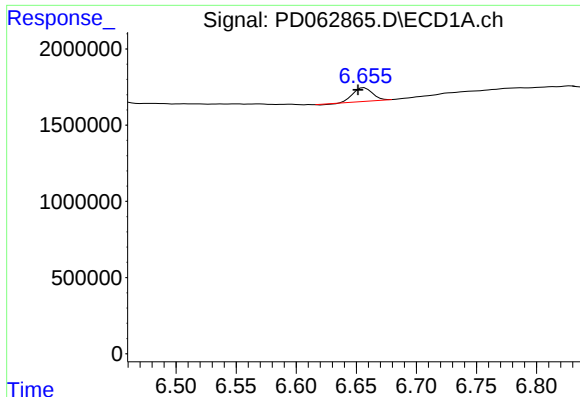
#18 Endrin aldehyde

R.T.: 6.442 min
Delta R.T.: 0.004 min
Response: 1102279
Conc: 1.18 ng/ml m



#18 Endrin aldehyde

R.T.: 7.008 min
Delta R.T.: 0.000 min
Response: 13052869
Conc: 1.12 ng/ml



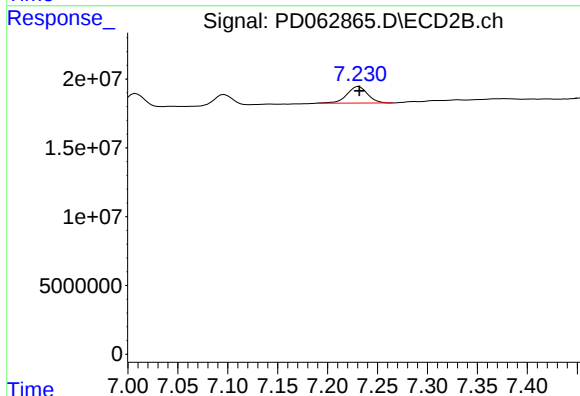
#19 Endosulfan Sulfate

R.T.: 6.657 min
Delta R.T.: 0.005 min
Response: 985585
Conc: 0.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2021

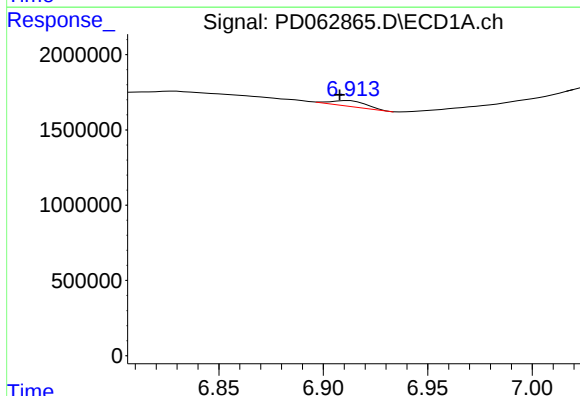
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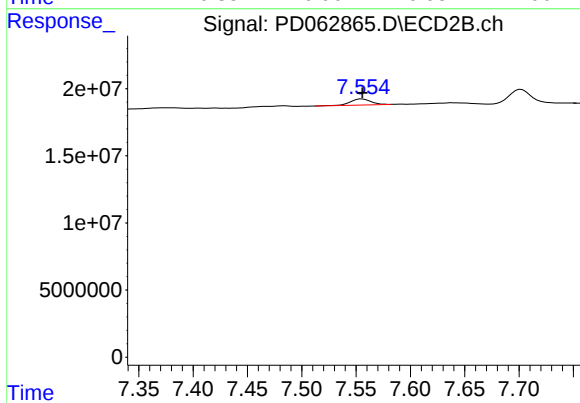
#19 Endosulfan Sulfate

R.T.: 7.231 min
Delta R.T.: 0.000 min
Response: 17415332
Conc: 1.25 ng/ml



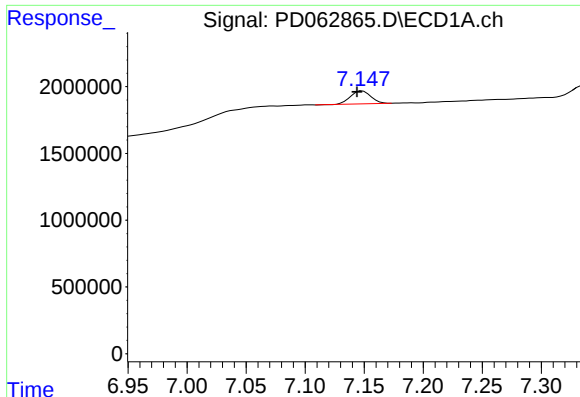
#20 Methoxychlor

R.T.: 6.913 min
Delta R.T.: 0.005 min
Response: 430831
Conc: 0.73 ng/ml m



#20 Methoxychlor

R.T.: 7.556 min
Delta R.T.: 0.000 min
Response: 5862105
Conc: 0.88 ng/ml



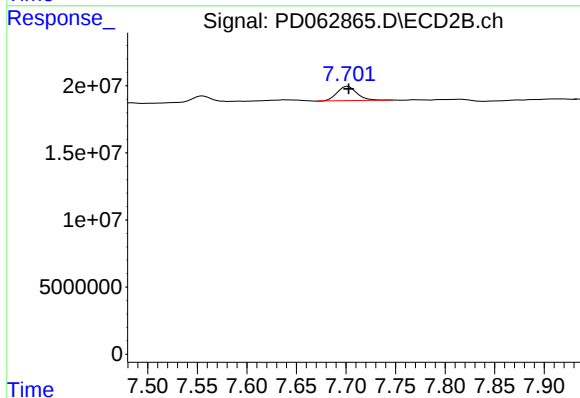
#21 Endrin ketone

R.T.: 7.148 min
Delta R.T.: 0.004 min
Response: 1161717
Conc: 0.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2021

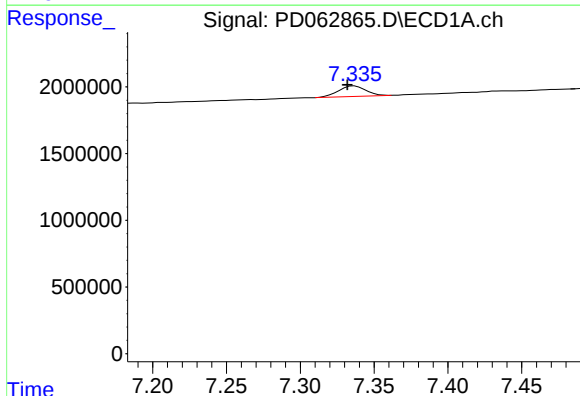
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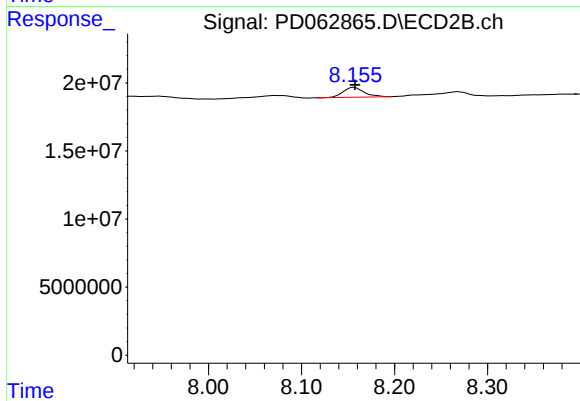
#21 Endrin ketone

R.T.: 7.702 min
Delta R.T.: 0.000 min
Response: 14941455
Conc: 1.10 ng/ml



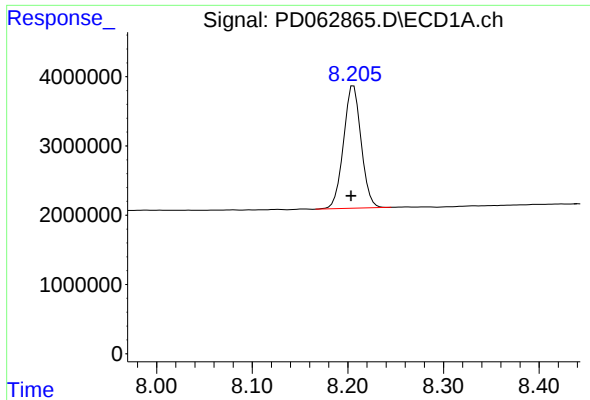
#22 Mirex

R.T.: 7.335 min
Delta R.T.: 0.003 min
Response: 1032997
Conc: 1.13 ng/ml m



#22 Mirex

R.T.: 8.157 min
Delta R.T.: 0.000 min
Response: 11518443
Conc: 1.26 ng/ml



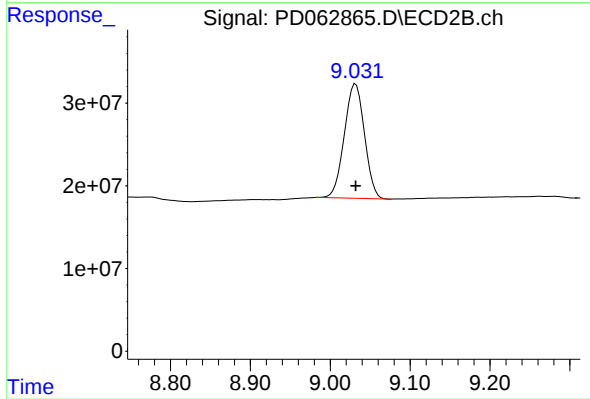
#28 Decachlorobiphenyl

R.T.: 8.206 min
Delta R.T.: 0.003 min
Response: 22748692
Conc: 21.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2021

Manual Integrations
APPROVED

Ankita
5/13/2021 11:18:30 AM



#28 Decachlorobiphenyl

R.T.: 9.032 min
Delta R.T.: 0.000 min
Response: 242855491
Conc: 21.05 ng/ml