

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031721\
 Data File : PD061690.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Mar 2021 21:21
 Operator : AR\AJ
 Sample : M1458-09
 Misc : PEST MDL 1 PPB
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-WATER-03-QT1-2021

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 18 07:59:56 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031721.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 18 07:52:17 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	3.982	16578252	165.7E6	19.395	19.317
28)	SA Decachlor...	8.258	9.040	24219338	172.2E6	19.790	19.807
Target Compounds							
2)	A alpha-BHC	3.925	4.370	1386312	12159543	1.066	0.956
3)	MA gamma-BHC...	4.209	4.654	1377379	13381513	1.141	1.148
4)	MA Heptachlor	4.513	5.163	1182958	15223862	1.005	1.259 #
5)	MB Aldrin	4.763	5.467	1239989	15150104	1.024	1.261
6)	B beta-BHC	4.458	4.823	1011117	6262077	1.802m	1.297 #
7)	B delta-BHC	4.666	5.040	1705275	26008182	1.380	2.156 #
8)	B Heptachlo...	5.207	5.854	1220084	18702384	1.058	1.755 #
9)	A Endosulfan I	5.547	6.209	1140738	13006004	1.030	1.245
10)	B gamma-Chl...	5.434	6.087	1305331	13886462	1.100	1.230
11)	B alpha-Chl...	5.493	6.159	1276799	11508579	1.089	1.054
12)	B 4,4'-DDE	5.656	6.316	1128380	12518524	0.994	1.129
13)	MA Dieldrin	5.790	6.466	1191390	14164146	1.020m	1.269
14)	MA Endrin	6.050	6.684	1159534	10273651	1.102m	1.097
15)	B Endosulfa...	6.322	6.892	1220872	14503807	1.181m	1.565 #
16)	A 4,4'-DDD	6.174	6.805	791166	13477301	0.826	1.491 #
17)	MA 4,4'-DDT	6.414	7.104	762098	12244722	0.758m	1.242 #
18)	B Endrin al...	6.490	7.016	1237647	13559547	1.420m	1.785 #
19)	B Endosulfa...	6.706	7.239	1722950	14490265	1.596	1.498
20)	A Methoxychlor	6.962	7.562	426726	4451927	0.780m	0.960
21)	B Endrin ke...	7.199	7.709	1614563	17511227	1.244m	1.820 #
22)	Mirex	7.391	8.165	1621056	9297042	1.692	1.584

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031721\
Data File : PD061690.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Mar 2021 21:21
Operator : AR\AJ
Sample : M1458-09
Misc : PEST MDL 1 PPB
ALS Vial : 29 Sample Multiplier: 1

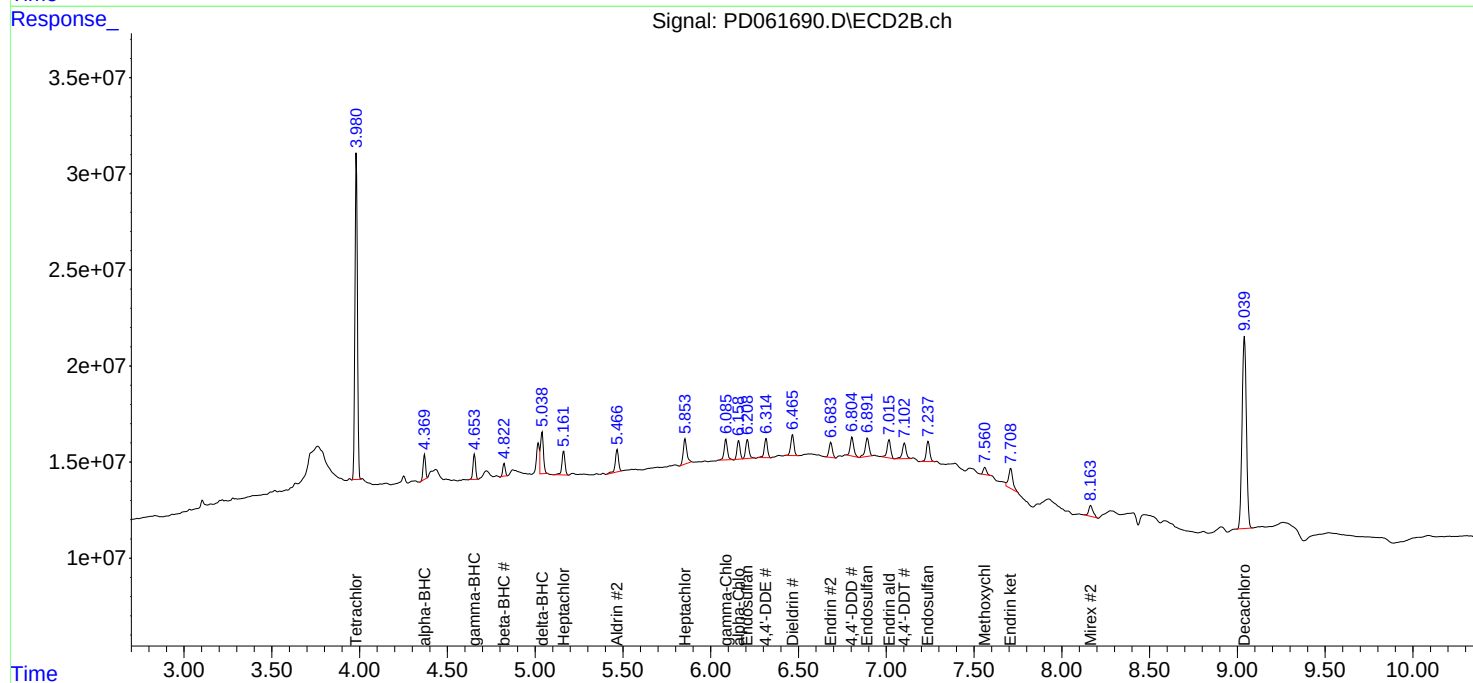
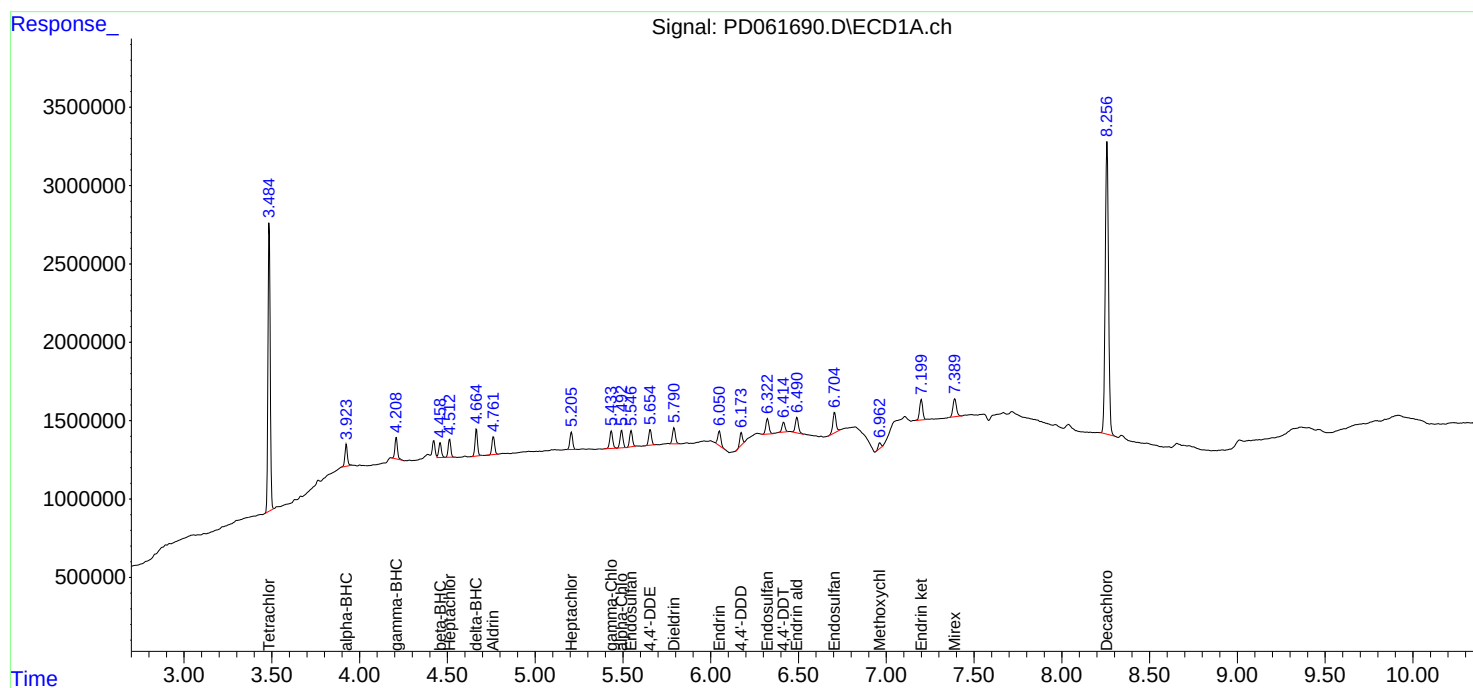
Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT1-2021

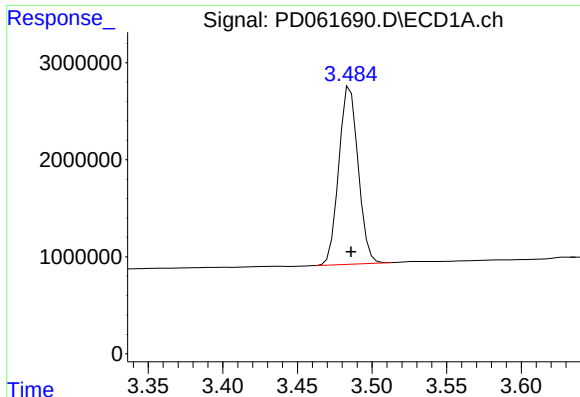
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 18 07:59:56 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031721.M
Quant Title : GC Extractables
QLast Update : Thu Mar 18 07:52:17 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





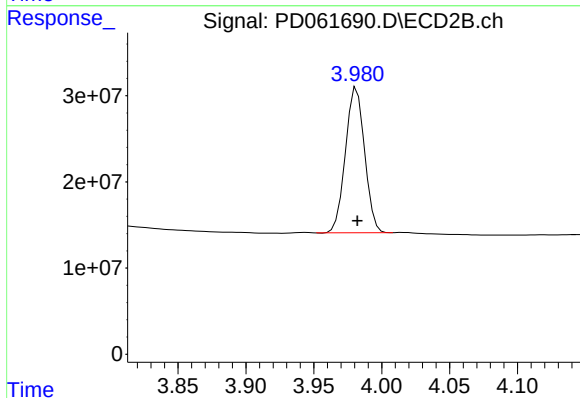
#1 Tetrachloro-m-xylene

R.T.: 3.485 min
Delta R.T.: 0.000 min
Response: 16578252
Conc: 19.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT1-2021

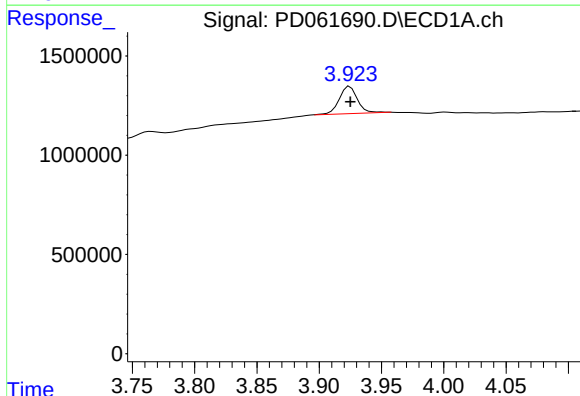
Manual Integrations
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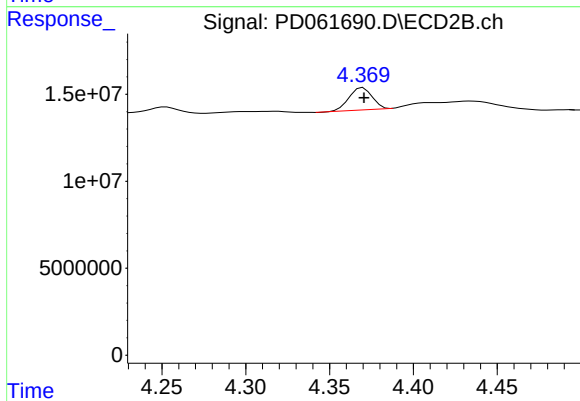
#1 Tetrachloro-m-xylene

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 165722725
Conc: 19.32 ng/ml



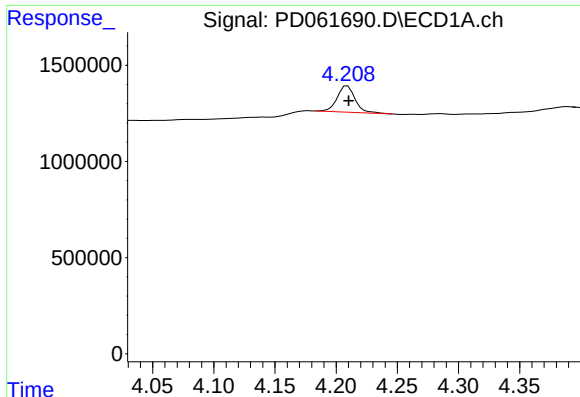
#2 alpha-BHC

R.T.: 3.925 min
Delta R.T.: 0.000 min
Response: 1386312
Conc: 1.07 ng/ml



#2 alpha-BHC

R.T.: 4.370 min
Delta R.T.: 0.000 min
Response: 12159543
Conc: 0.96 ng/ml



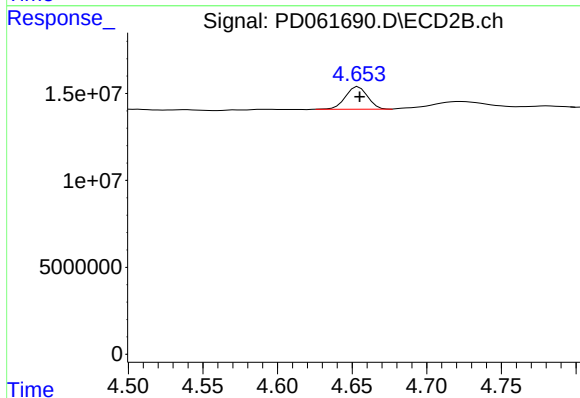
#3 gamma-BHC (Lindane)

R.T.: 4.209 min
Delta R.T.: 0.000 min
Response: 1377379
Conc: 1.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT1-2021

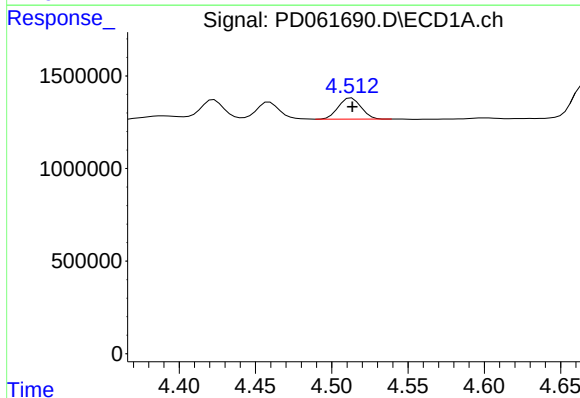
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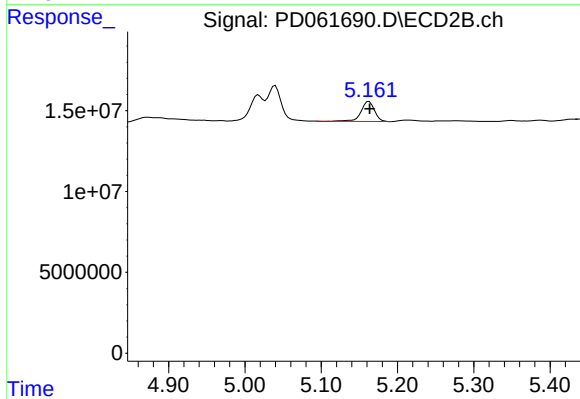
#3 gamma-BHC (Lindane)

R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 13381513
Conc: 1.15 ng/ml



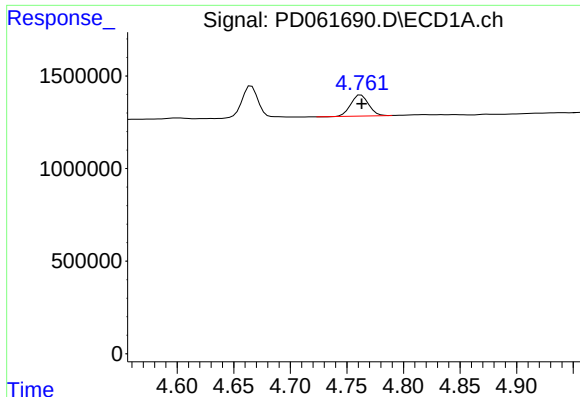
#4 Heptachlor

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 1182958
Conc: 1.00 ng/ml



#4 Heptachlor

R.T.: 5.163 min
Delta R.T.: -0.001 min
Response: 15223862
Conc: 1.26 ng/ml



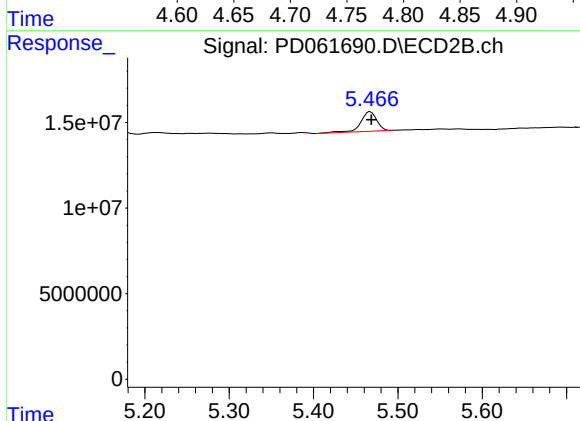
#5 Aldrin

R.T.: 4.763 min
Delta R.T.: 0.000 min
Response: 1239989
Conc: 1.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT1-2021

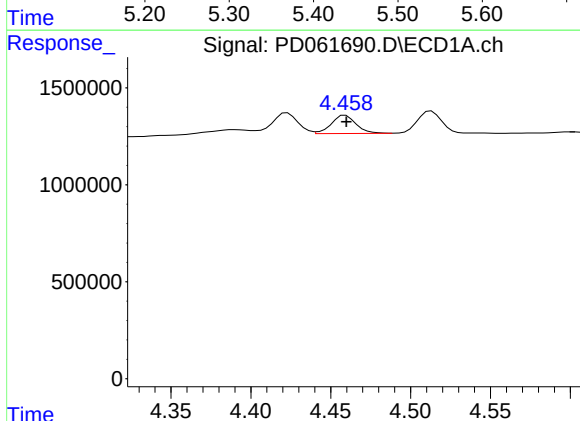
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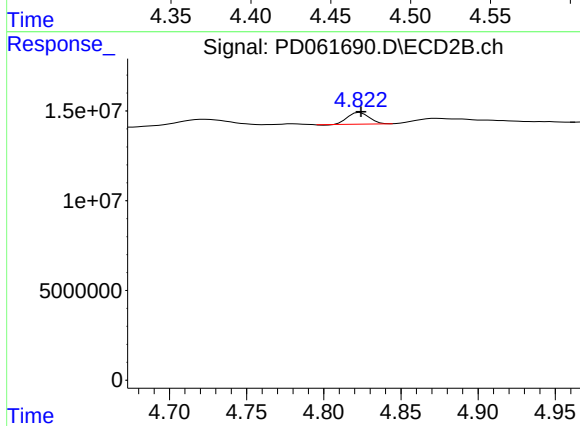
#5 Aldrin

R.T.: 5.467 min
Delta R.T.: -0.001 min
Response: 15150104
Conc: 1.26 ng/ml



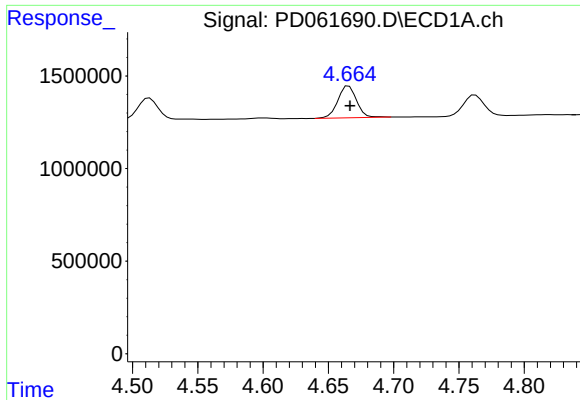
#6 beta-BHC

R.T.: 4.458 min
Delta R.T.: -0.002 min
Response: 1011117
Conc: 1.80 ng/ml m



#6 beta-BHC

R.T.: 4.823 min
Delta R.T.: 0.000 min
Response: 6262077
Conc: 1.30 ng/ml



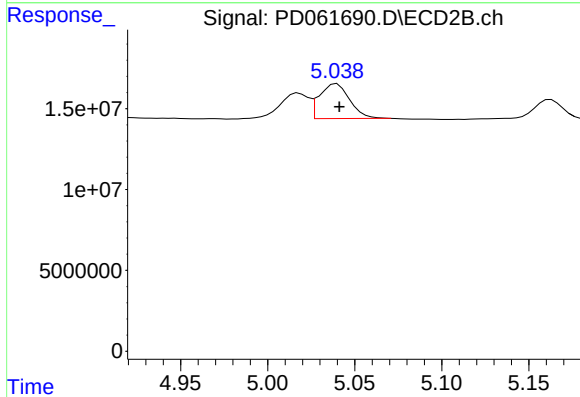
#7 delta-BHC

R.T.: 4.666 min
Delta R.T.: 0.000 min
Response: 1705275
Conc: 1.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT1-2021

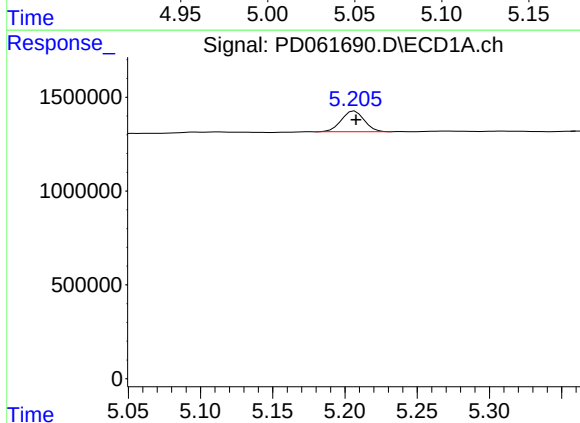
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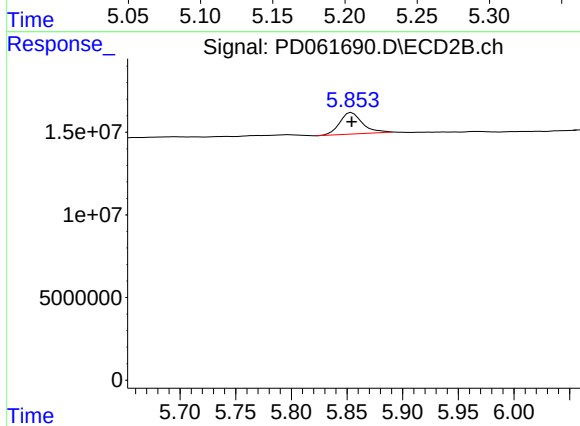
#7 delta-BHC

R.T.: 5.040 min
Delta R.T.: -0.001 min
Response: 26008182
Conc: 2.16 ng/ml



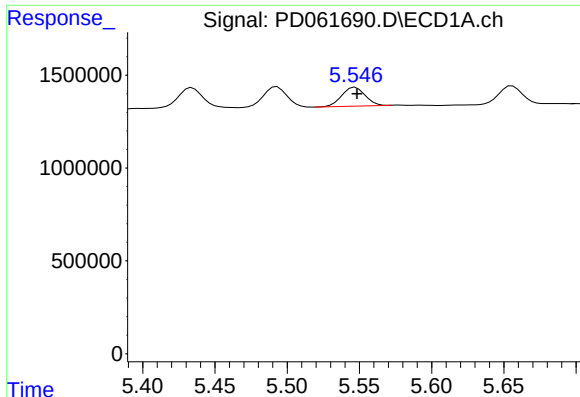
#8 Heptachlor epoxide

R.T.: 5.207 min
Delta R.T.: -0.001 min
Response: 1220084
Conc: 1.06 ng/ml



#8 Heptachlor epoxide

R.T.: 5.854 min
Delta R.T.: 0.000 min
Response: 18702384
Conc: 1.76 ng/ml



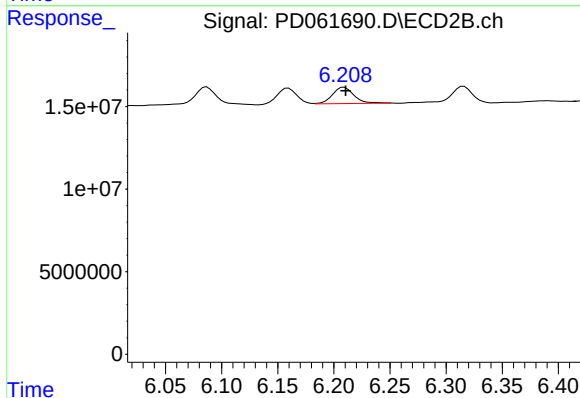
#9 Endosulfan I

R.T.: 5.547 min
Delta R.T.: -0.001 min
Response: 1140738
Conc: 1.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT1-2021

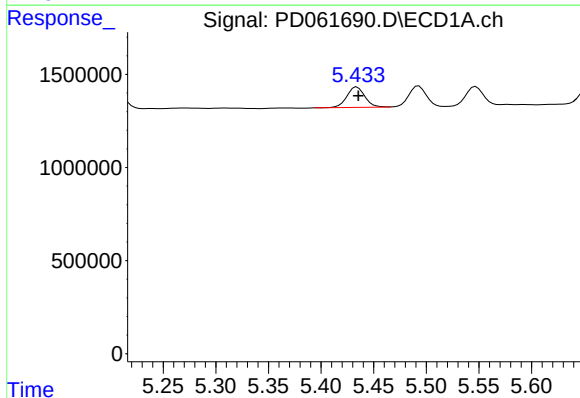
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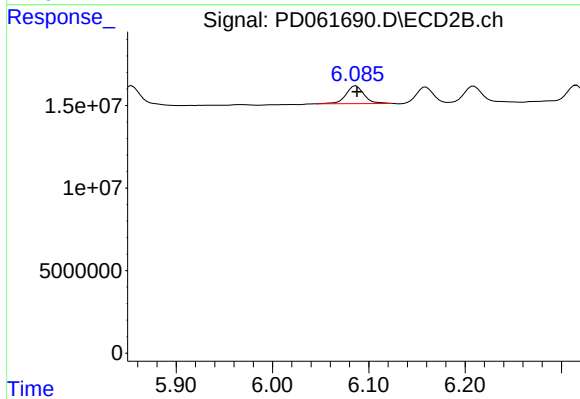
#9 Endosulfan I

R.T.: 6.209 min
Delta R.T.: -0.001 min
Response: 13006004
Conc: 1.24 ng/ml



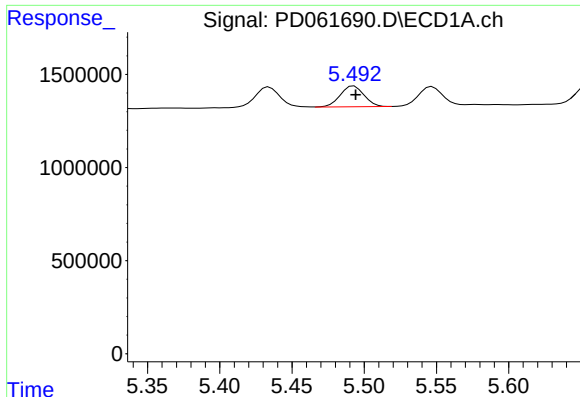
#10 gamma-Chlordane

R.T.: 5.434 min
Delta R.T.: -0.001 min
Response: 1305331
Conc: 1.10 ng/ml



#10 gamma-Chlordane

R.T.: 6.087 min
Delta R.T.: -0.001 min
Response: 13886462
Conc: 1.23 ng/ml



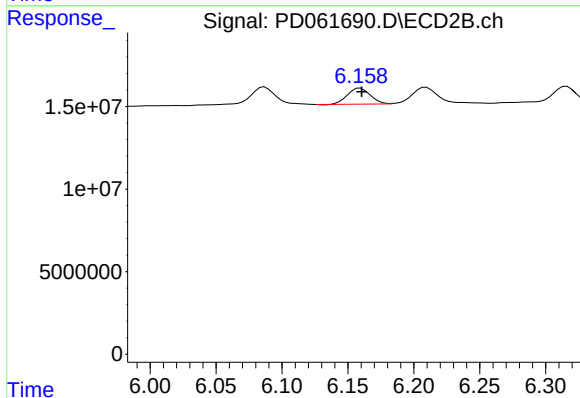
#11 alpha-Chlordane

R.T.: 5.493 min
Delta R.T.: -0.001 min
Response: 1276799
Conc: 1.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT1-2021

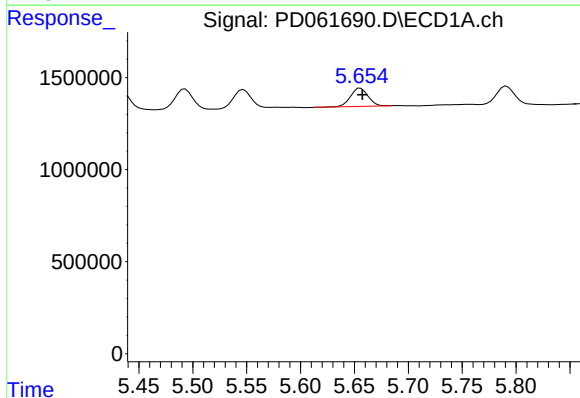
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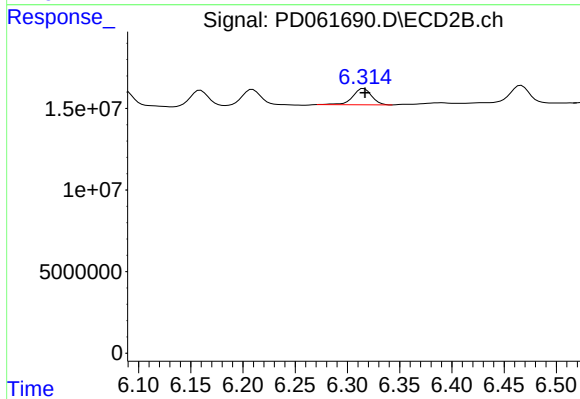
#11 alpha-Chlordane

R.T.: 6.159 min
Delta R.T.: -0.001 min
Response: 11508579
Conc: 1.05 ng/ml



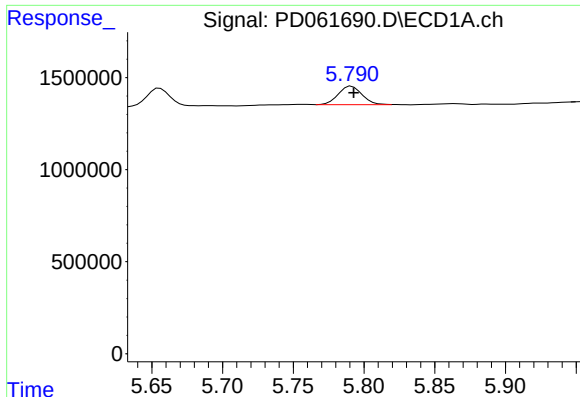
#12 4,4'-DDE

R.T.: 5.656 min
Delta R.T.: -0.002 min
Response: 1128380
Conc: 0.99 ng/ml



#12 4,4'-DDE

R.T.: 6.316 min
Delta R.T.: -0.001 min
Response: 12518524
Conc: 1.13 ng/ml



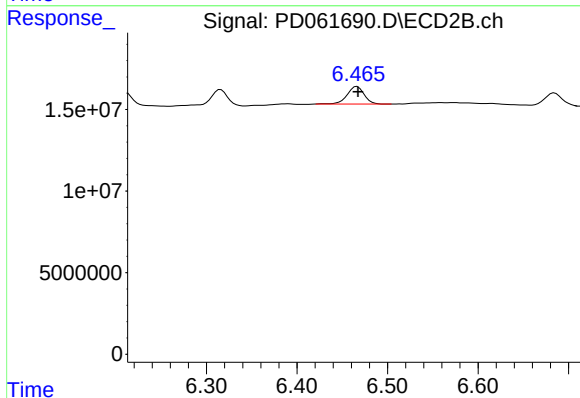
#13 Dieldrin

R.T.: 5.790 min
Delta R.T.: -0.003 min
Response: 1191390
Conc: 1.02 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT1-2021

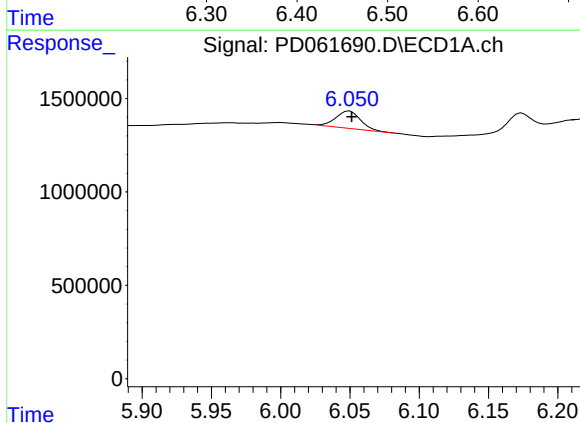
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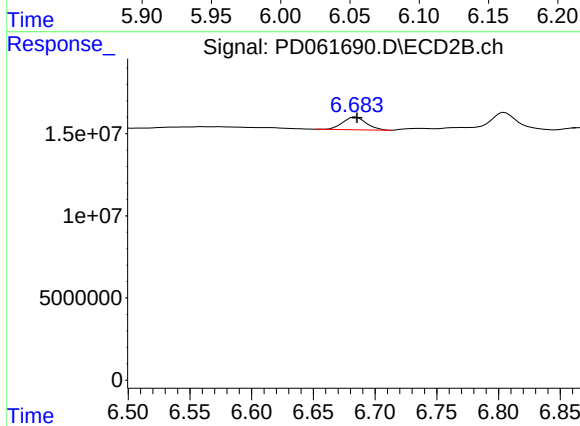
#13 Dieldrin

R.T.: 6.466 min
Delta R.T.: 0.000 min
Response: 14164146
Conc: 1.27 ng/ml



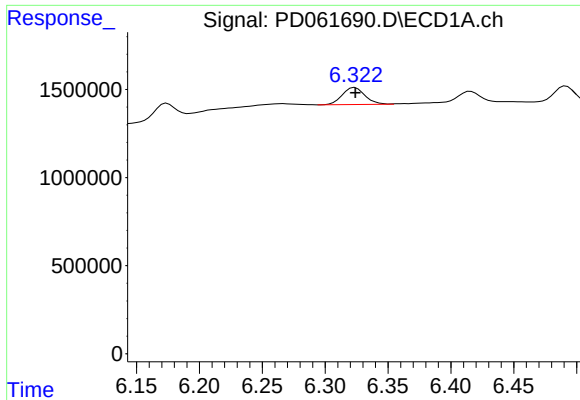
#14 Endrin

R.T.: 6.050 min
Delta R.T.: -0.002 min
Response: 1159534
Conc: 1.10 ng/ml m



#14 Endrin

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 10273651
Conc: 1.10 ng/ml



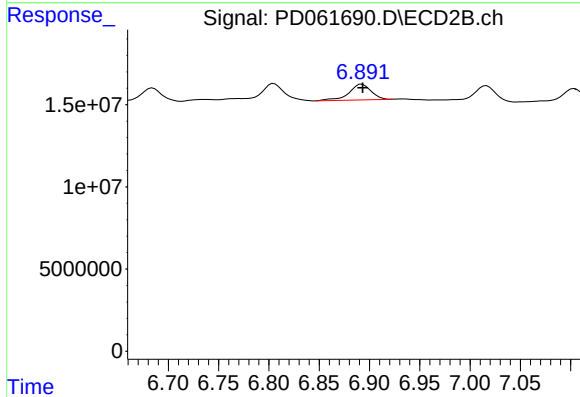
#15 Endosulfan II

R.T.: 6.322 min
Delta R.T.: -0.002 min
Response: 1220872
Conc: 1.18 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT1-2021

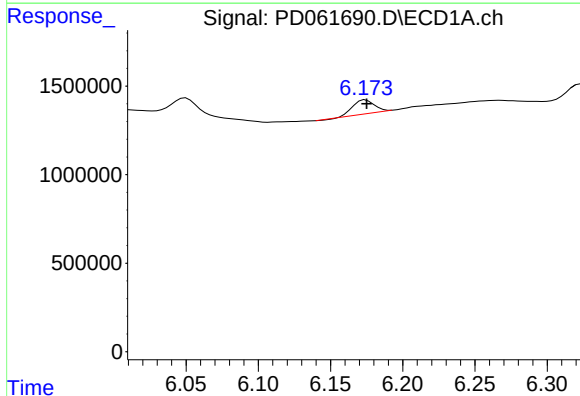
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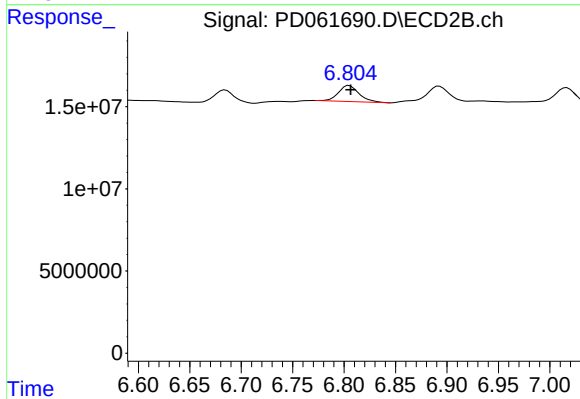
#15 Endosulfan II

R.T.: 6.892 min
Delta R.T.: -0.001 min
Response: 14503807
Conc: 1.56 ng/ml



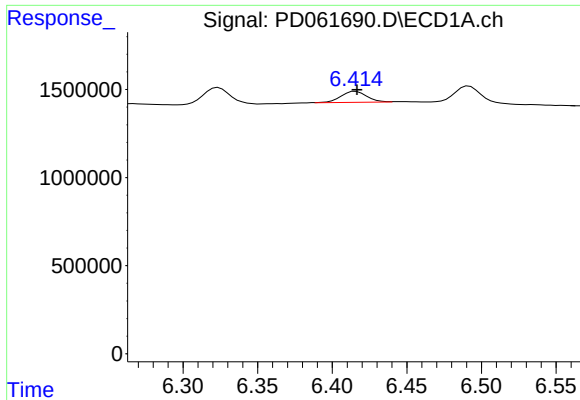
#16 4,4'-DDD

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 791166
Conc: 0.83 ng/ml



#16 4,4'-DDD

R.T.: 6.805 min
Delta R.T.: -0.001 min
Response: 13477301
Conc: 1.49 ng/ml



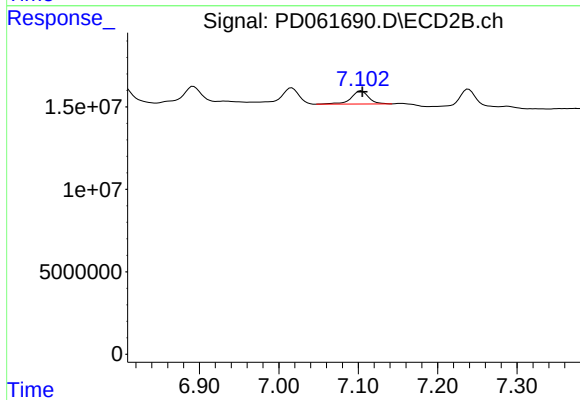
#17 4,4'-DDT

R.T.: 6.414 min
Delta R.T.: -0.002 min
Response: 762098
Conc: 0.76 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT1-2021

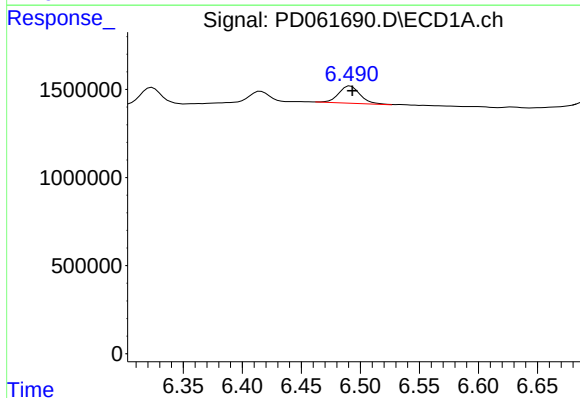
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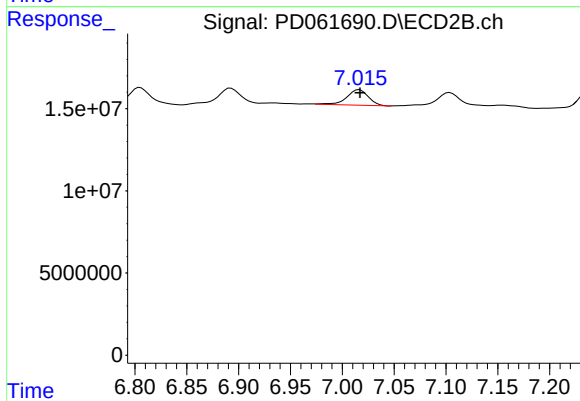
#17 4,4'-DDT

R.T.: 7.104 min
Delta R.T.: -0.002 min
Response: 12244722
Conc: 1.24 ng/ml



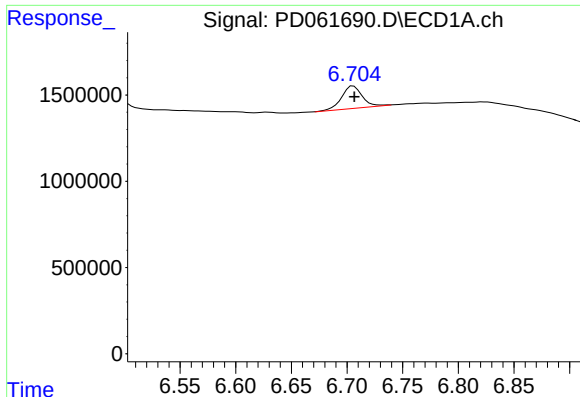
#18 Endrin aldehyde

R.T.: 6.490 min
Delta R.T.: -0.003 min
Response: 1237647
Conc: 1.42 ng/ml m



#18 Endrin aldehyde

R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 13559547
Conc: 1.78 ng/ml



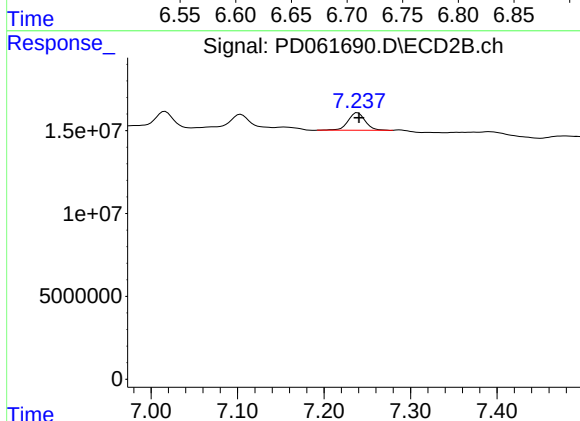
#19 Endosulfan Sulfate

R.T.: 6.706 min
Delta R.T.: -0.001 min
Response: 1722950
Conc: 1.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT1-2021

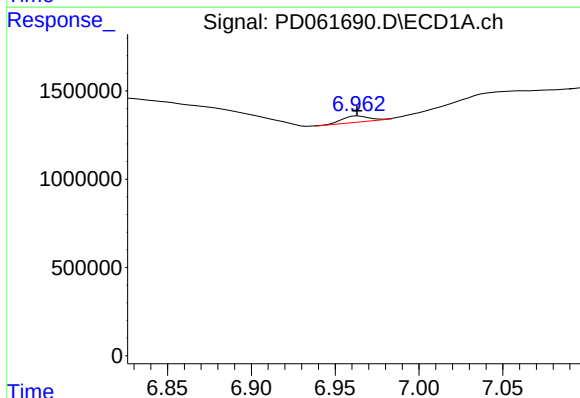
Manual Integrations
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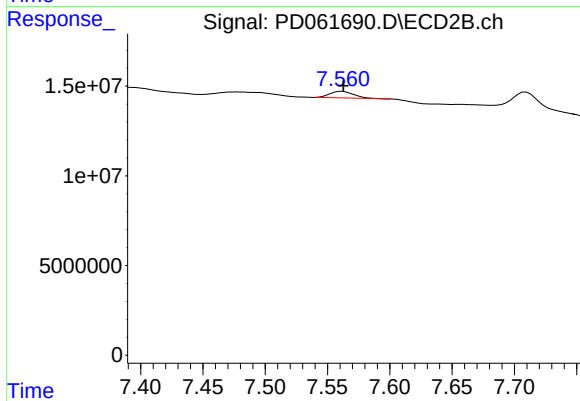
#19 Endosulfan Sulfate

R.T.: 7.239 min
Delta R.T.: -0.002 min
Response: 14490265
Conc: 1.50 ng/ml



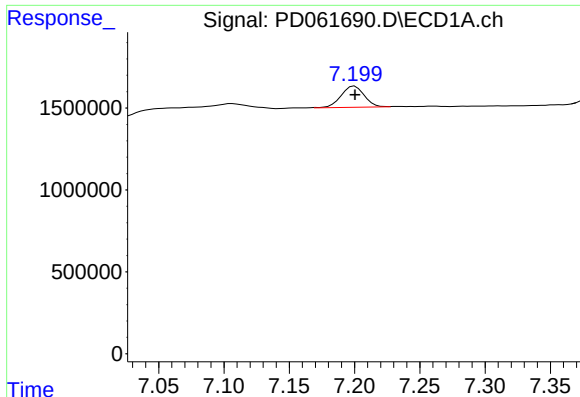
#20 Methoxychlor

R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 426726
Conc: 0.78 ng/ml m



#20 Methoxychlor

R.T.: 7.562 min
Delta R.T.: -0.001 min
Response: 4451927
Conc: 0.96 ng/ml



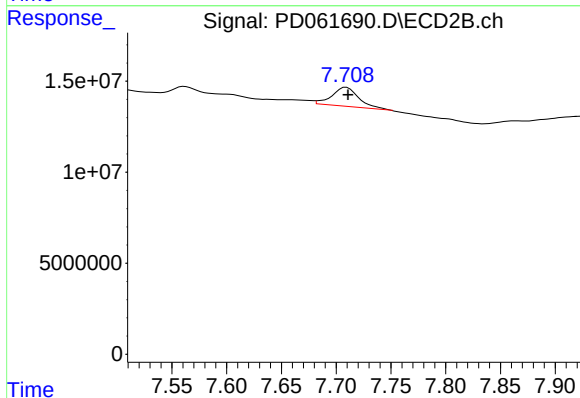
#21 Endrin ketone

R.T.: 7.199 min
Delta R.T.: -0.002 min
Response: 1614563
Conc: 1.24 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT1-2021

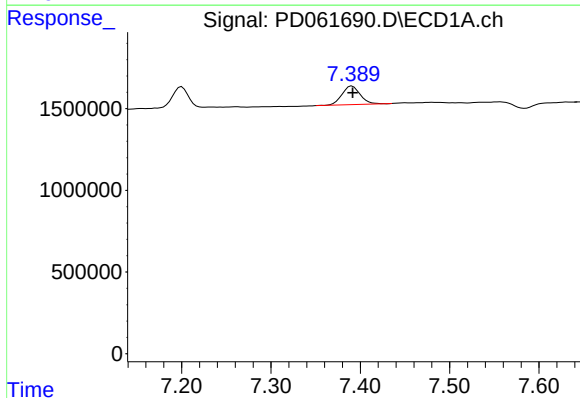
Manual Integrations
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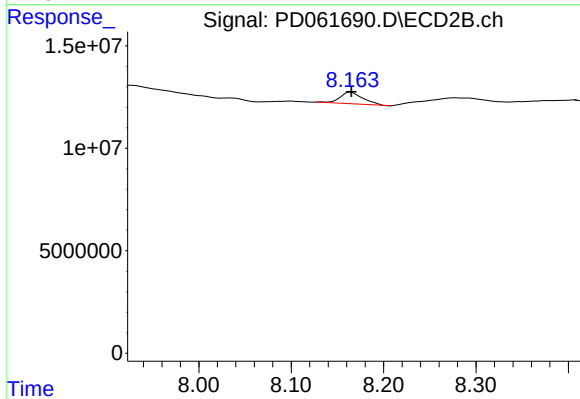
#21 Endrin ketone

R.T.: 7.709 min
Delta R.T.: -0.001 min
Response: 17511227
Conc: 1.82 ng/ml



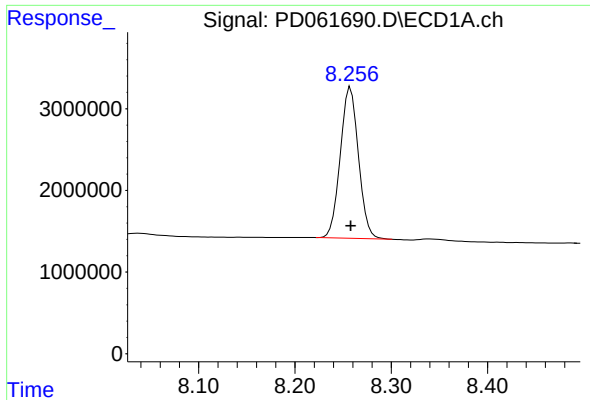
#22 Mirex

R.T.: 7.391 min
Delta R.T.: 0.000 min
Response: 1621056
Conc: 1.69 ng/ml



#22 Mirex

R.T.: 8.165 min
Delta R.T.: 0.000 min
Response: 9297042
Conc: 1.58 ng/ml



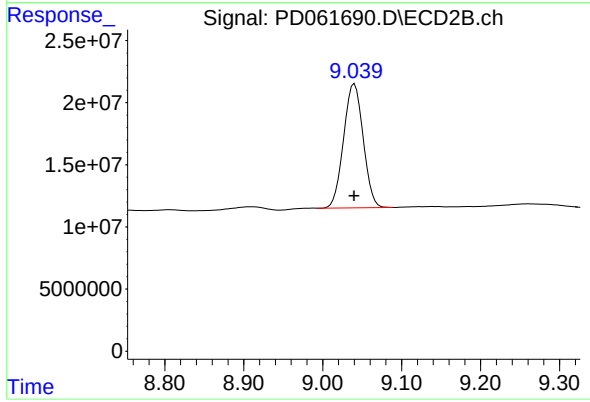
#28 Decachlorobiphenyl

R.T.: 8.258 min
Delta R.T.: 0.000 min
Response: 24219338
Conc: 19.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT1-2021

Manual Integrations
APPROVED

Ankita
3/18/2021 4:02:43 PM



#28 Decachlorobiphenyl

R.T.: 9.040 min
Delta R.T.: 0.000 min
Response: 172181133
Conc: 19.81 ng/ml