

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110121\
 Data File : PD066655.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Nov 2021 11:48
 Operator : AR\AJ
 Sample : M4068-09
 Misc : PEST MDL1 PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-WATER-03-QT4-2021

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 02 02:08:07 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102821.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 28 02:17:57 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...	3.443	3.968	35898776	170.3E6	19.240	21.043
28) SA Decachlor...	8.171	9.025	21811794	112.2E6	18.878	20.825
Target Compounds						
2) A alpha-BHC	3.879	4.360	3369082	14500133	1.102	1.314m
3) MA gamma-BHC...	4.160	4.646	3625096	13465678	1.200m	1.351
4) MA Heptachlor	4.455	5.146	2554572	12545556	0.861	1.280 #
5) MB Aldrin	4.701	5.449	2482447	11190042	0.861	1.233 #
6) B beta-BHC	4.408	4.822	1243261	7473291	0.995m	1.605m#
7) B delta-BHC	4.612	5.037	2324714	13875395	0.865	1.518m#
8) B Heptachlo...	5.142	5.838	2542671	8612348	0.983	1.188
9) A Endosulfan I	5.478	6.196	2262802	10206649	0.953	1.294 #
10) B gamma-Chl...	5.365	6.073	2488963	10164662	0.955	1.218 #
11) B alpha-Chl...	5.424	6.144	2518840	11082432	0.981	1.336 #
12) B 4,4'-DDE	5.588	6.304	2081521	9588379	0.893	1.217 #
13) MA Dieldrin	5.720	6.453	2423617	11044004	0.969	1.331m#
14) MA Endrin	5.977	6.673	2008448	7214680	0.960	1.048
15) B Endosulfa...	6.249	6.887	2118578	10052679	1.065m	1.424 #
16) A 4,4'-DDD	6.102	6.799	1489155	8370219	0.794	1.232 #
17) MA 4,4'-DDT	6.341	7.096	1472734	8431243	0.766	1.162 #
18) B Endrin al...	6.419	7.012	1966190	8619810	1.272	1.515
19) B Endosulfa...	6.630	7.235	1907024	9871032	1.025	1.361 #
20) A Methoxychlor	6.886	7.559	1031136	5191057	0.998m	1.274 #
21) B Endrin ke...	7.120	7.707	2196214	10937485	1.006m	1.301m#
22) Mirex	7.303	8.154	1817289	9109606	1.168	1.540m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110121\
Data File : PD066655.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Nov 2021 11:48
Operator : AR\AJ
Sample : M4068-09
Misc : PEST MDL1 PPB
ALS Vial : 8 Sample Multiplier: 1

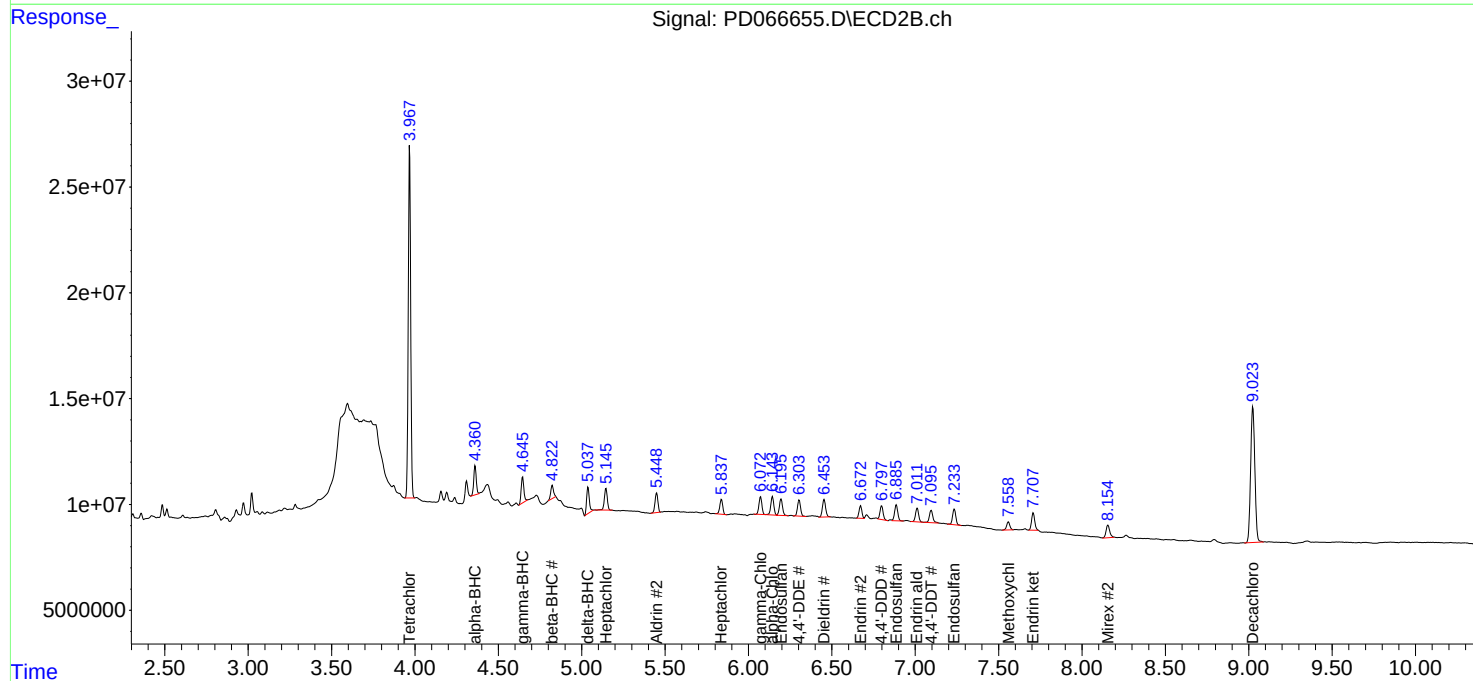
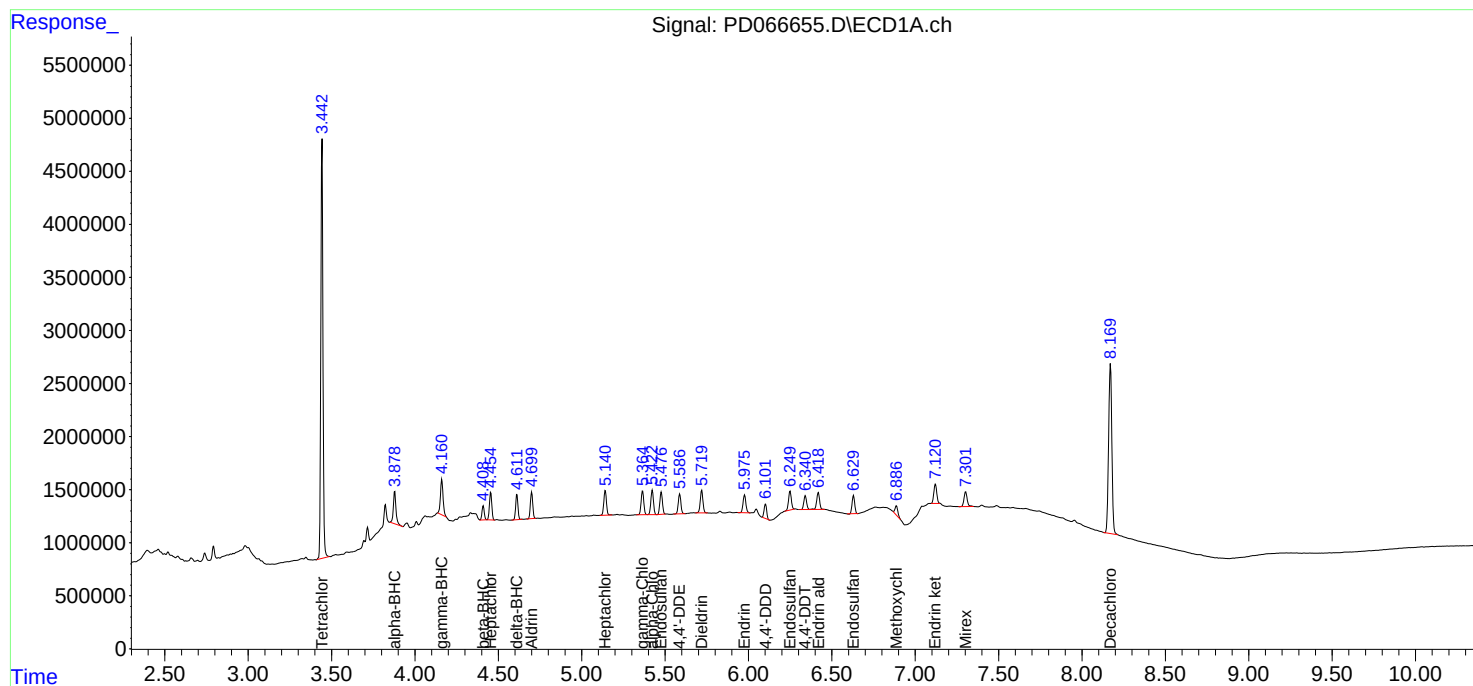
Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT4-2021

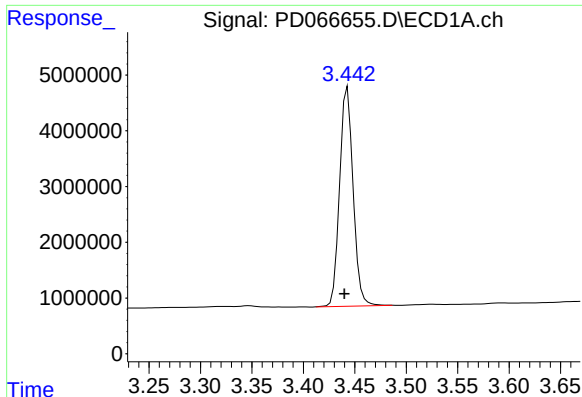
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 02 02:08:07 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102821.M
Quant Title : GC Extractables
QLast Update : Thu Oct 28 02:17:57 2021
Response 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





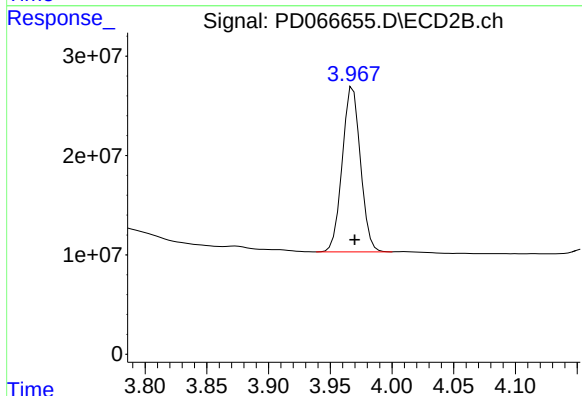
#1 Tetrachloro-m-xylene

R.T.: 3.443 min
Delta R.T.: 0.003 min
Response: 35898776
Conc: 19.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT4-2021

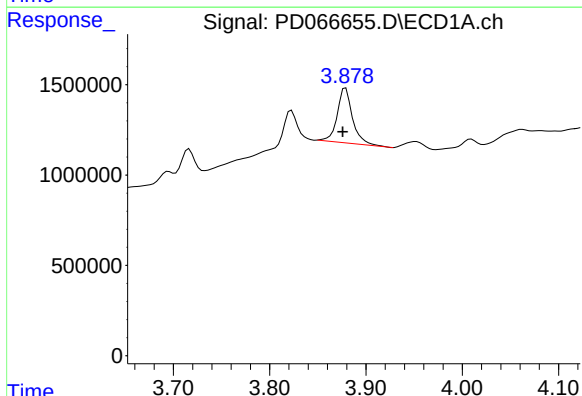
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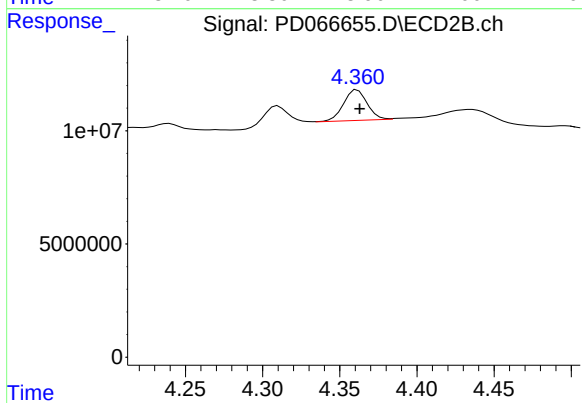
#1 Tetrachloro-m-xylene

R.T.: 3.968 min
Delta R.T.: -0.001 min
Response: 170284312
Conc: 21.04 ng/ml



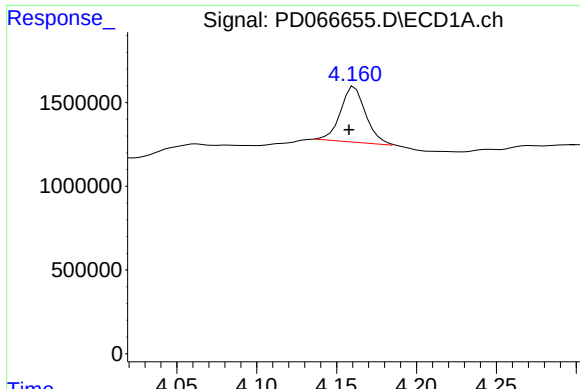
#2 alpha-BHC

R.T.: 3.879 min
Delta R.T.: 0.003 min
Response: 3369082
Conc: 1.10 ng/ml



#2 alpha-BHC

R.T.: 4.360 min
Delta R.T.: -0.003 min
Response: 14500133
Conc: 1.31 ng/ml m



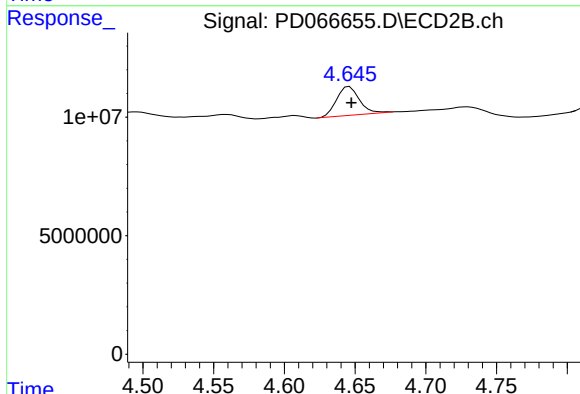
#3 gamma-BHC (Lindane)

R.T.: 4.160 min
Delta R.T.: 0.002 min
Response: 3625096
Conc: 1.20 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT4-2021

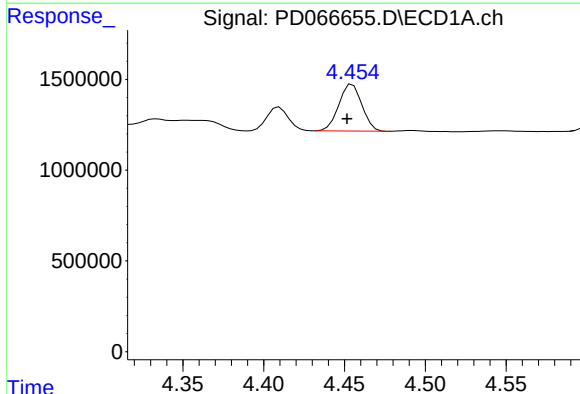
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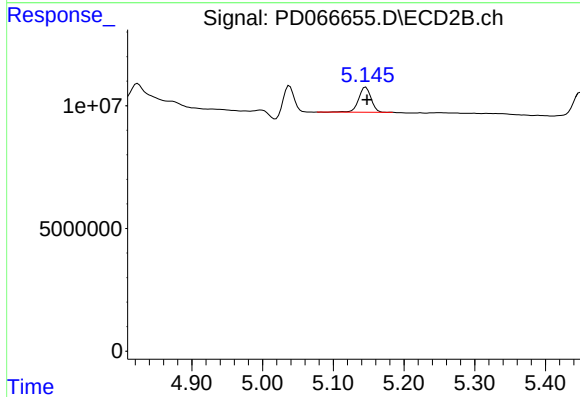
#3 gamma-BHC (Lindane)

R.T.: 4.646 min
Delta R.T.: -0.001 min
Response: 13465678
Conc: 1.35 ng/ml



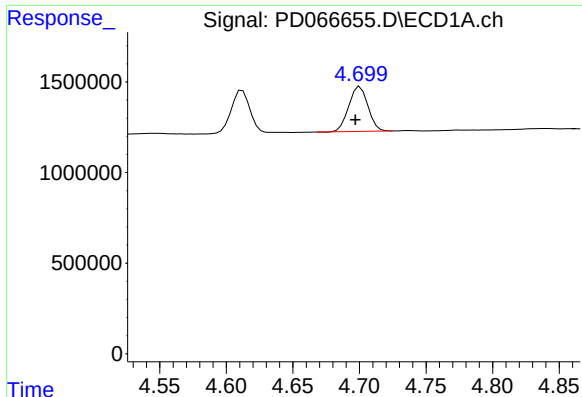
#4 Heptachlor

R.T.: 4.455 min
Delta R.T.: 0.003 min
Response: 2554572
Conc: 0.86 ng/ml



#4 Heptachlor

R.T.: 5.146 min
Delta R.T.: -0.002 min
Response: 12545556
Conc: 1.28 ng/ml



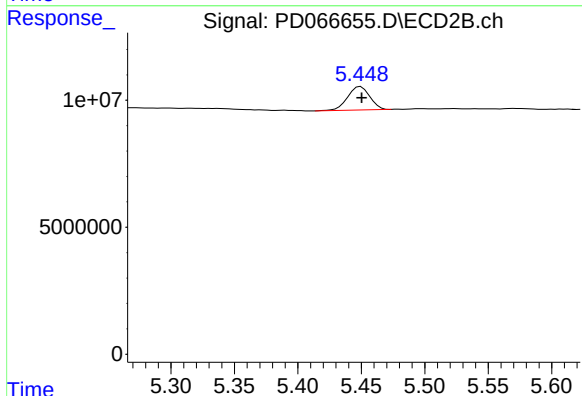
#5 Aldrin

R.T.: 4.701 min
Delta R.T.: 0.004 min
Response: 2482447
Conc: 0.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT4-2021

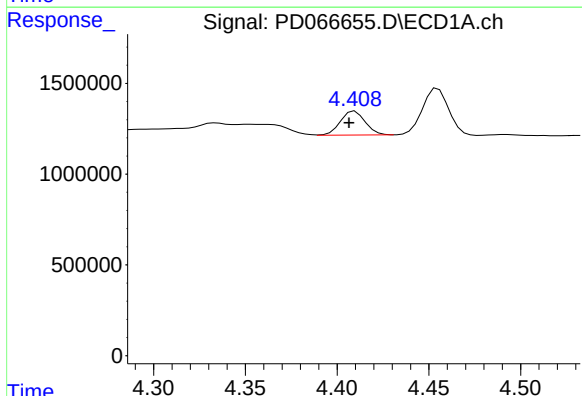
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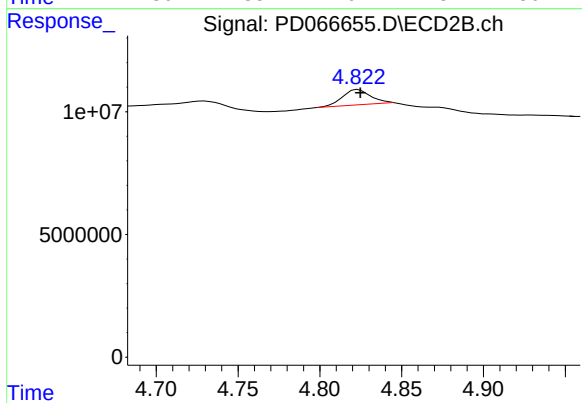
#5 Aldrin

R.T.: 5.449 min
Delta R.T.: -0.001 min
Response: 11190042
Conc: 1.23 ng/ml



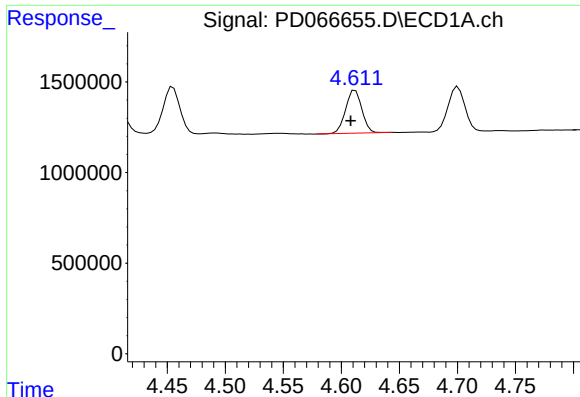
#6 beta-BHC

R.T.: 4.408 min
Delta R.T.: 0.002 min
Response: 1243261
Conc: 1.00 ng/ml m



#6 beta-BHC

R.T.: 4.822 min
Delta R.T.: -0.003 min
Response: 7473291
Conc: 1.60 ng/ml m



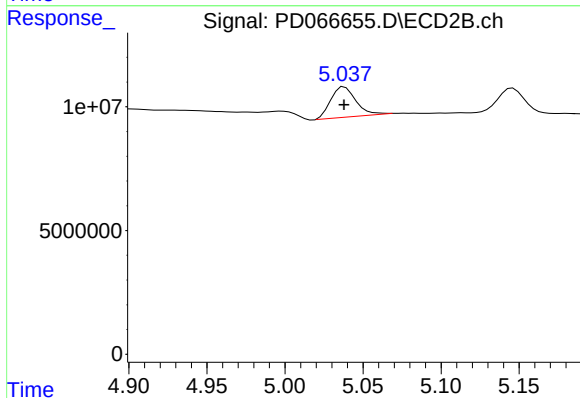
#7 delta-BHC

R.T.: 4.612 min
Delta R.T.: 0.004 min
Response: 2324714
Conc: 0.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT4-2021

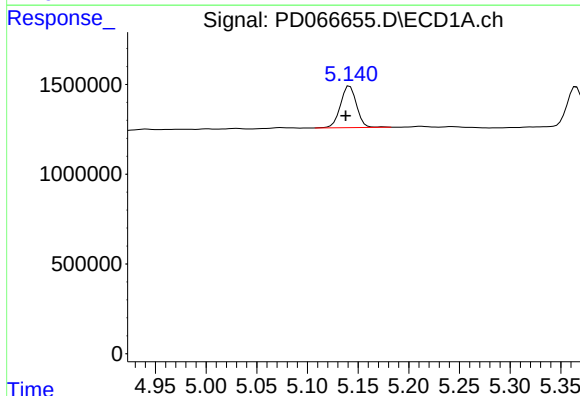
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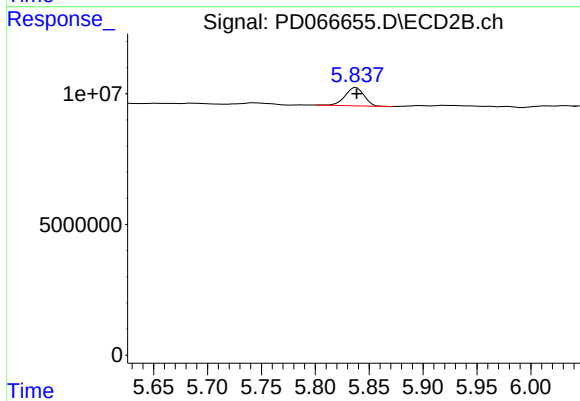
#7 delta-BHC

R.T.: 5.037 min
Delta R.T.: -0.001 min
Response: 13875395
Conc: 1.52 ng/ml m



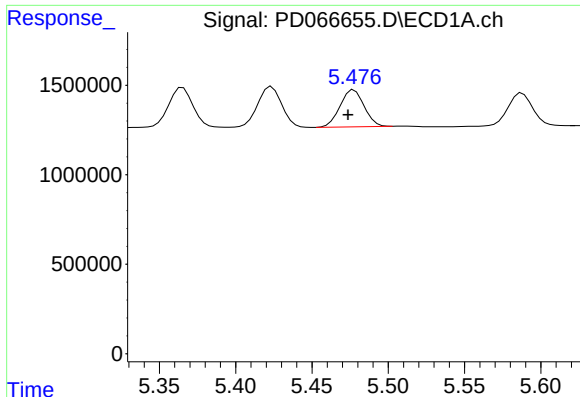
#8 Heptachlor epoxide

R.T.: 5.142 min
Delta R.T.: 0.004 min
Response: 2542671
Conc: 0.98 ng/ml



#8 Heptachlor epoxide

R.T.: 5.838 min
Delta R.T.: 0.000 min
Response: 8612348
Conc: 1.19 ng/ml



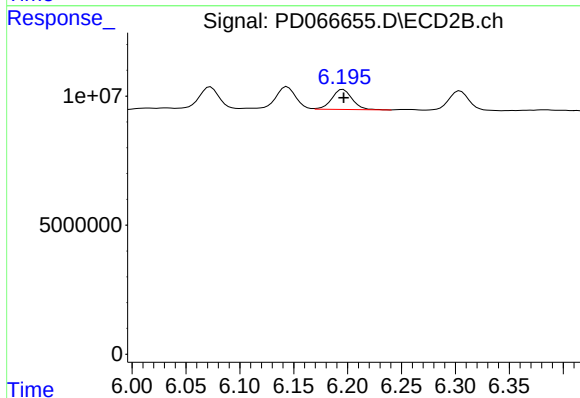
#9 Endosulfan I

R.T.: 5.478 min
Delta R.T.: 0.004 min
Response: 2262802
Conc: 0.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT4-2021

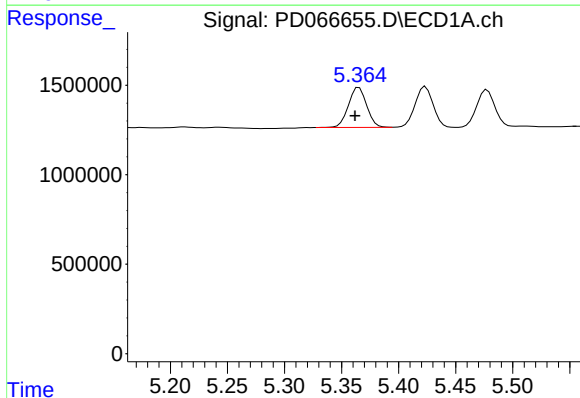
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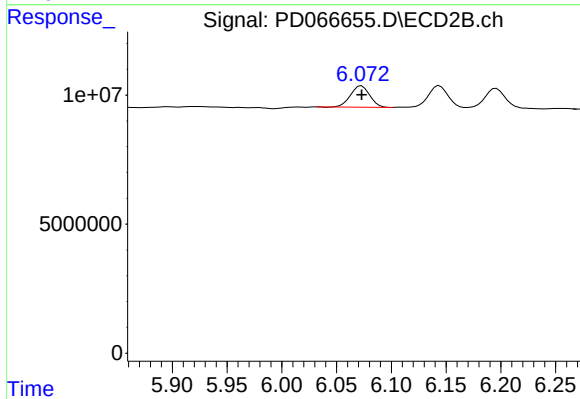
#9 Endosulfan I

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 10206649
Conc: 1.29 ng/ml



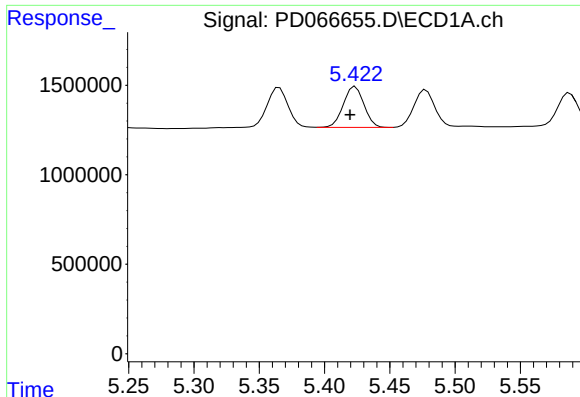
#10 gamma-Chlordane

R.T.: 5.365 min
Delta R.T.: 0.003 min
Response: 2488963
Conc: 0.96 ng/ml



#10 gamma-Chlordane

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 10164662
Conc: 1.22 ng/ml



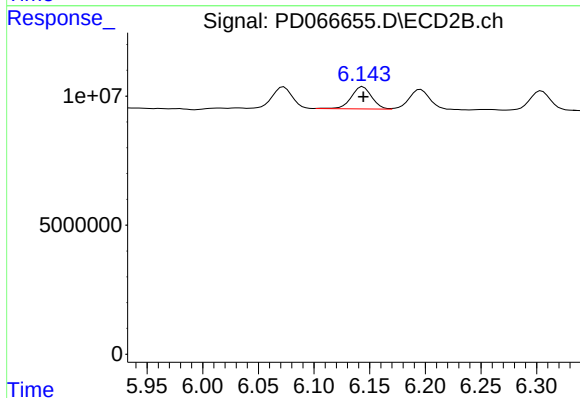
#11 alpha-Chlordane

R.T.: 5.424 min
Delta R.T.: 0.004 min
Response: 2518840
Conc: 0.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT4-2021

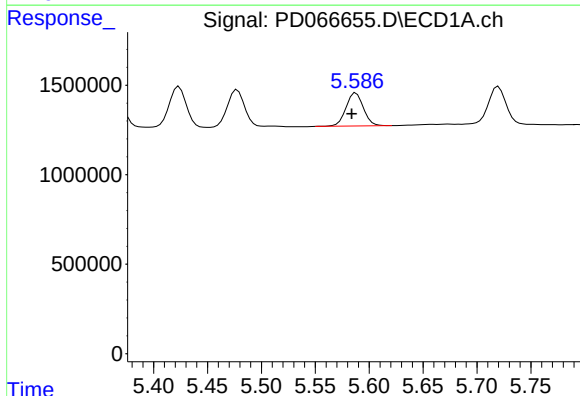
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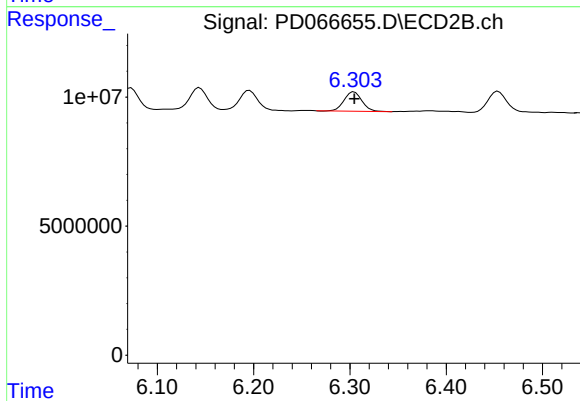
#11 alpha-Chlordane

R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 11082432
Conc: 1.34 ng/ml



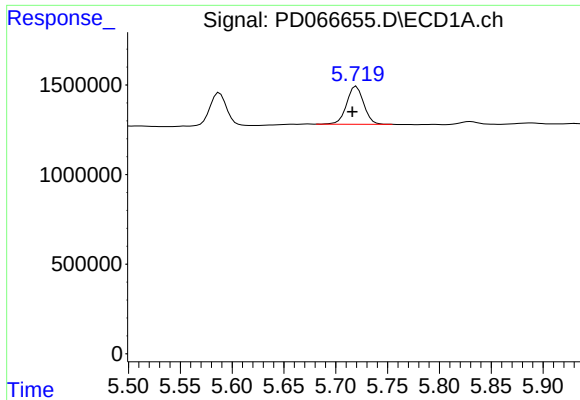
#12 4,4'-DDE

R.T.: 5.588 min
Delta R.T.: 0.004 min
Response: 2081521
Conc: 0.89 ng/ml



#12 4,4'-DDE

R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 9588379
Conc: 1.22 ng/ml



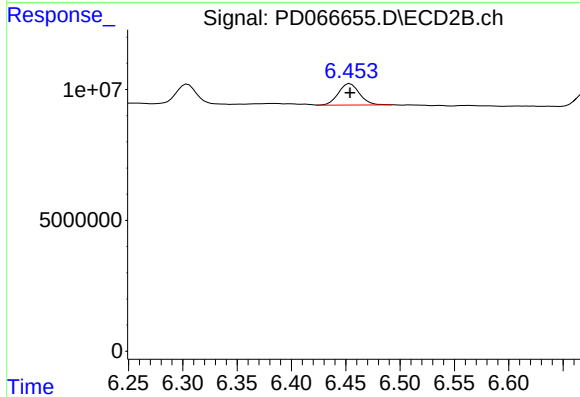
#13 Dieldrin

R.T.: 5.720 min
Delta R.T.: 0.004 min
Response: 2423617
Conc: 0.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT4-2021

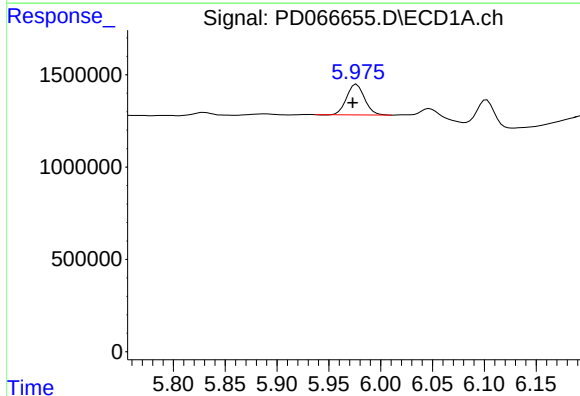
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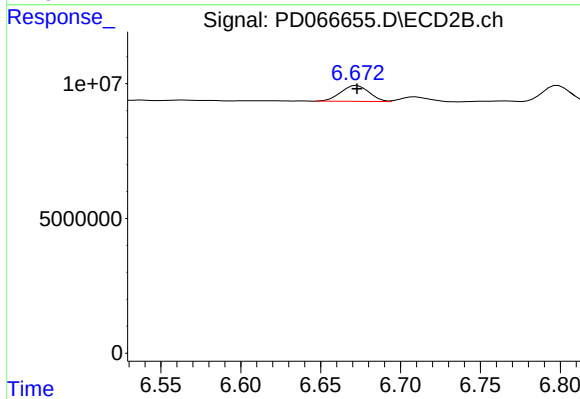
#13 Dieldrin

R.T.: 6.453 min
Delta R.T.: -0.001 min
Response: 11044004
Conc: 1.33 ng/ml m



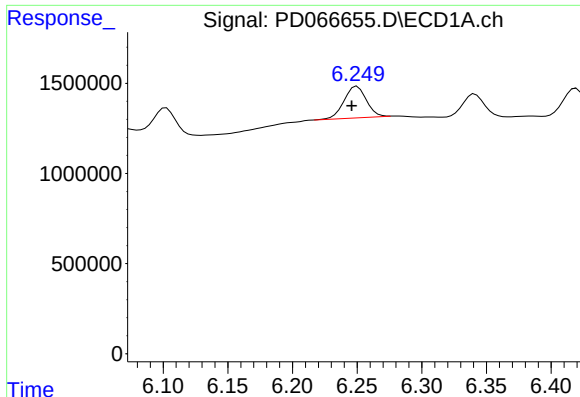
#14 Endrin

R.T.: 5.977 min
Delta R.T.: 0.004 min
Response: 2008448
Conc: 0.96 ng/ml



#14 Endrin

R.T.: 6.673 min
Delta R.T.: 0.000 min
Response: 7214680
Conc: 1.05 ng/ml



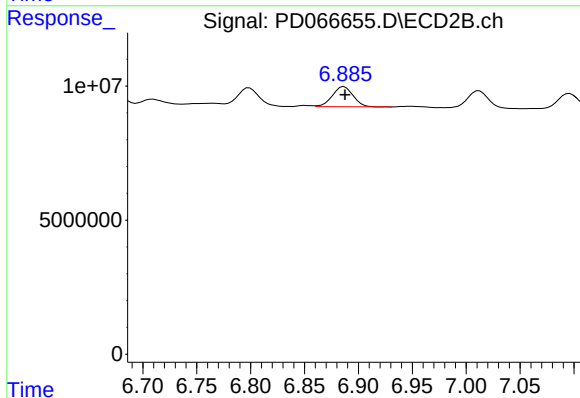
#15 Endosulfan II

R.T.: 6.249 min
Delta R.T.: 0.003 min
Response: 2118578
Conc: 1.07 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT4-2021

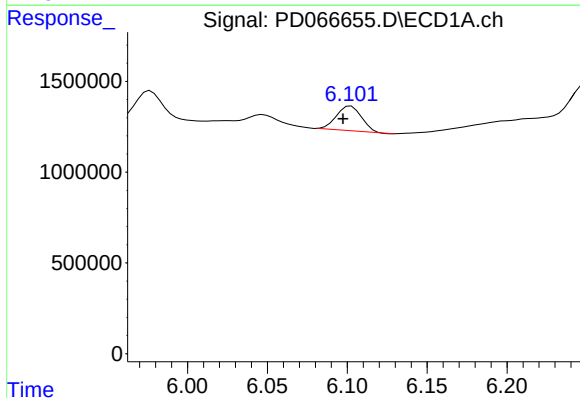
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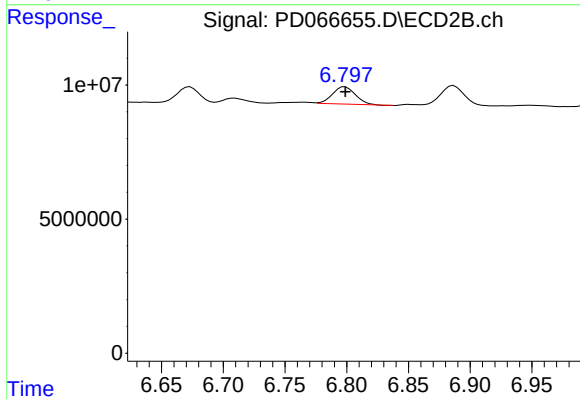
#15 Endosulfan II

R.T.: 6.887 min
Delta R.T.: 0.000 min
Response: 10052679
Conc: 1.42 ng/ml



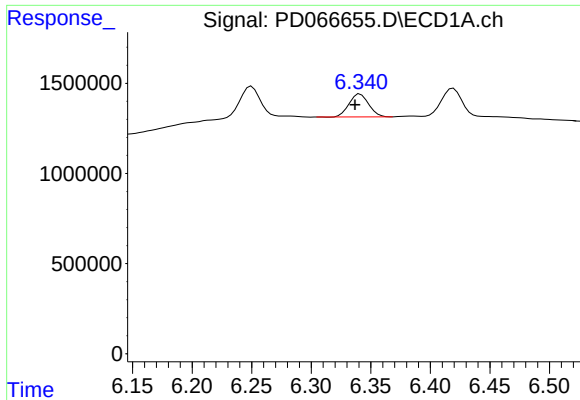
#16 4,4'-DDD

R.T.: 6.102 min
Delta R.T.: 0.005 min
Response: 1489155
Conc: 0.79 ng/ml



#16 4,4'-DDD

R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 8370219
Conc: 1.23 ng/ml



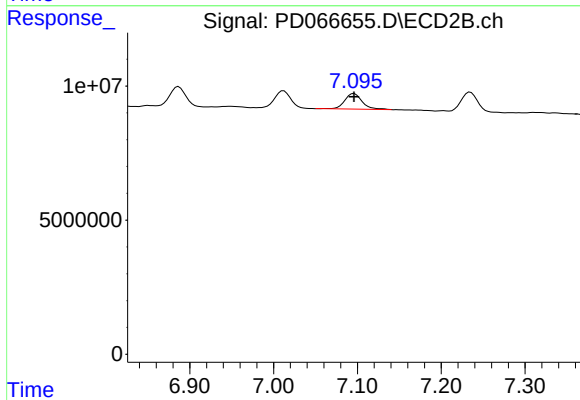
#17 4,4'-DDT

R.T.: 6.341 min
Delta R.T.: 0.004 min
Response: 1472734
Conc: 0.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT4-2021

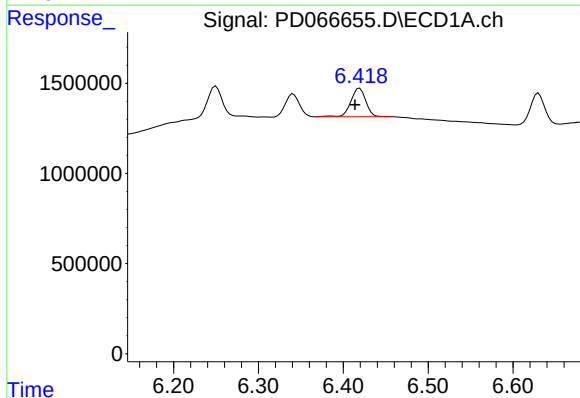
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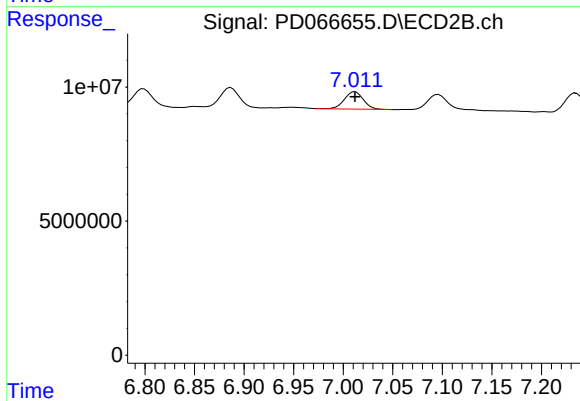
#17 4,4'-DDT

R.T.: 7.096 min
Delta R.T.: 0.000 min
Response: 8431243
Conc: 1.16 ng/ml



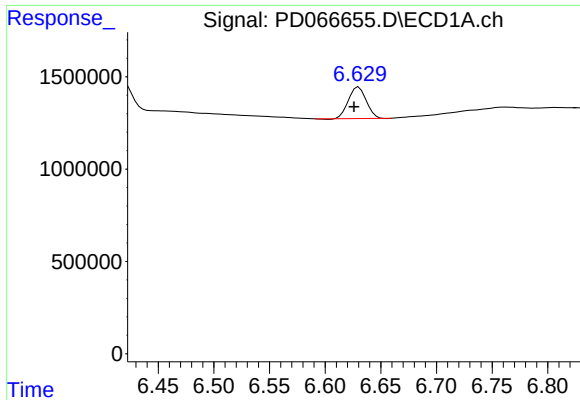
#18 Endrin aldehyde

R.T.: 6.419 min
Delta R.T.: 0.005 min
Response: 1966190
Conc: 1.27 ng/ml



#18 Endrin aldehyde

R.T.: 7.012 min
Delta R.T.: 0.000 min
Response: 8619810
Conc: 1.52 ng/ml



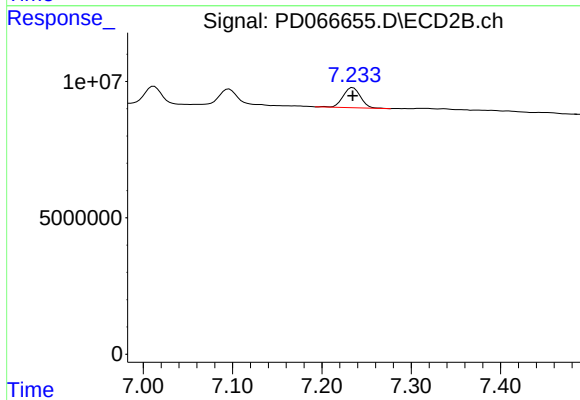
#19 Endosulfan Sulfate

R.T.: 6.630 min
Delta R.T.: 0.004 min
Response: 1907024
Conc: 1.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT4-2021

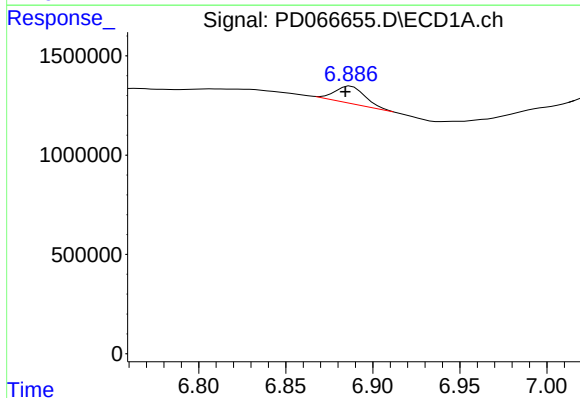
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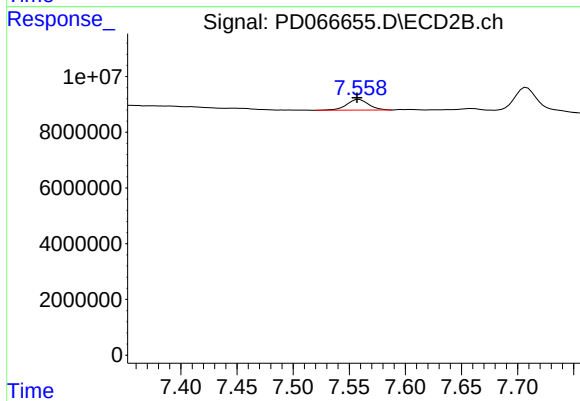
#19 Endosulfan Sulfate

R.T.: 7.235 min
Delta R.T.: 0.000 min
Response: 9871032
Conc: 1.36 ng/ml



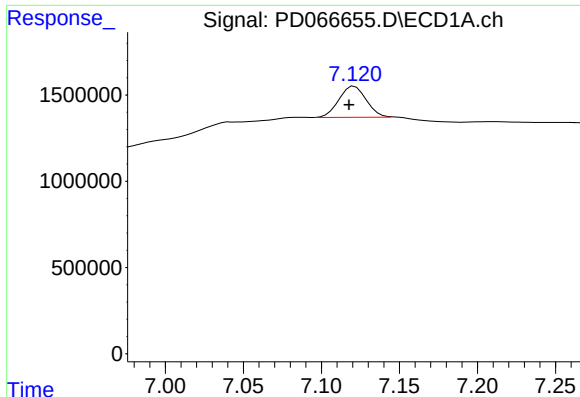
#20 Methoxychlor

R.T.: 6.886 min
Delta R.T.: 0.002 min
Response: 1031136
Conc: 1.00 ng/ml m



#20 Methoxychlor

R.T.: 7.559 min
Delta R.T.: 0.002 min
Response: 5191057
Conc: 1.27 ng/ml



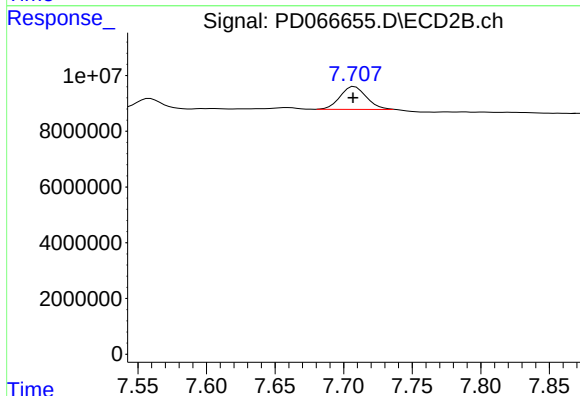
#21 Endrin ketone

R.T.: 7.120 min
Delta R.T.: 0.002 min
Response: 2196214
Conc: 1.01 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT4-2021

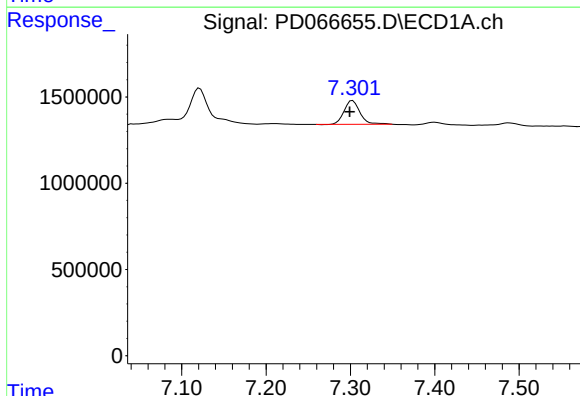
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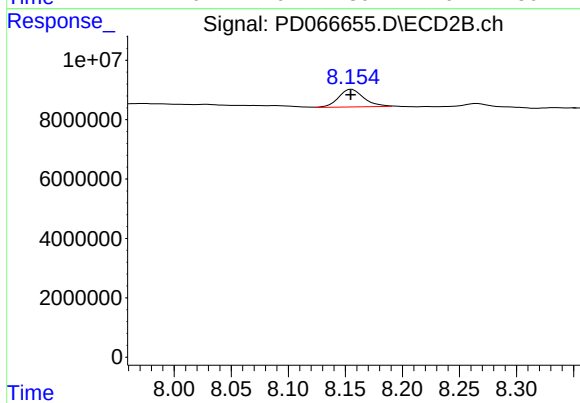
#21 Endrin ketone

R.T.: 7.707 min
Delta R.T.: 0.000 min
Response: 10937485
Conc: 1.30 ng/ml m



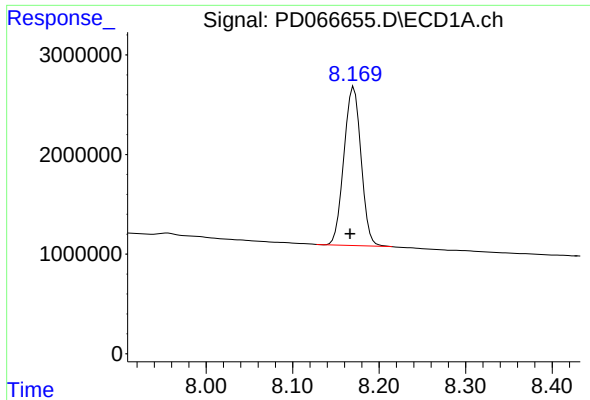
#22 Mirex

R.T.: 7.303 min
Delta R.T.: 0.003 min
Response: 1817289
Conc: 1.17 ng/ml



#22 Mirex

R.T.: 8.154 min
Delta R.T.: 0.000 min
Response: 9109606
Conc: 1.54 ng/ml m



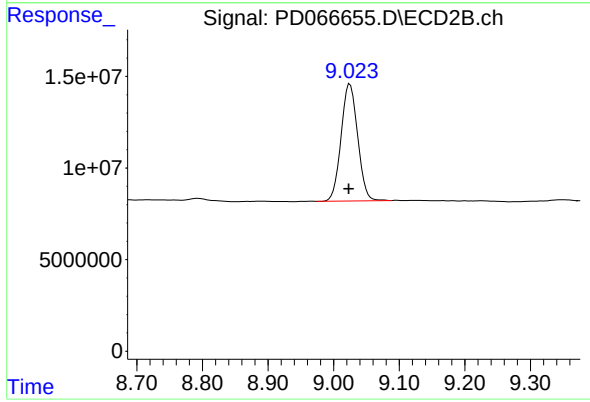
#28 Decachlorobiphenyl

R.T.: 8.171 min
Delta R.T.: 0.004 min
Response: 21811794
Conc: 18.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT4-2021

Manual Integrations
APPROVED

mohammad
11/2/2021 1:47:46 PM



#28 Decachlorobiphenyl

R.T.: 9.025 min
Delta R.T.: 0.002 min
Response: 112170376
Conc: 20.82 ng/ml