

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072419\
 Data File : PD054086.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Jul 2019 11:23
 Operator : SM\AJ
 Sample : K3591-09
 Misc : PEST MDL 1 PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-MDL-WATER-03-QT3-2019

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 08:02:17 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071919.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 19 04:33:23 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	3.312	3.983	13761930	21395033	23.911	24.560
28)	SA Decachlor...	8.008	9.024	15008600	21097329	22.295	22.757
Target Compounds							
2)	A alpha-BHC	3.742	4.369	1085765	1425858	1.254	1.130
3)	MA gamma-BHC...	4.018	4.652	1800980	1302633	2.196m	1.062 #
4)	MA Heptachlor	4.307	5.160	756834	1529573	1.039	1.221
5)	MB Aldrin	4.548	5.464	893089	1112126	1.124	0.904
6)	B beta-BHC	4.267	4.818	356539	699265	1.012m	1.249m
7)	B delta-BHC	4.466	5.033	842504	1143023	1.005	0.883m
8)	B Heptachlor...	4.986	5.847	898075	1481433	1.184	1.225
9)	A Endosulfan I	5.318	6.202	790416	1481676	1.064	1.276
10)	B gamma-Chl...	5.209	6.078	937076	1419432	1.152	1.078m
11)	B alpha-Chl...	5.266	6.151	900985	1438212	1.112	1.108m
12)	B 4,4'-DDE	5.436	6.308	733491	1314124	0.926	1.070
13)	MA Dieldrin	5.559	6.458	950312	1460423	1.170	1.162
14)	MA Endrin	5.813	6.675	779916	1102720	1.041	1.052
15)	B Endosulfa...	6.086	6.881	768476	1262806	1.027m	1.092
16)	A 4,4'-DDD	5.947	6.794	598393	1161732	1.000	1.150
17)	MA 4,4'-DDT	6.187	7.092	296678	821964	0.515	0.834m#
18)	B Endrin al...	6.256	7.005	865326	1166669	1.362	1.173
19)	B Endosulfa...	6.467	7.227	1022898	1360605	1.455	1.252
20)	A Methoxychlor	6.735	7.550	307178	487311	1.075	0.908
21)	B Endrin ke...	6.954	7.695	476143	1344029	0.594	1.105m#
22)	Mirex	7.129	8.151	632664	1080136	0.972	1.172

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072419\
 Data File : PD054086.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Jul 2019 11:23
 Operator : SM\AJ
 Sample : K3591-09
 Misc : PEST MDL 1 PPB
 ALS Vial : 10 Sample Multiplier: 1

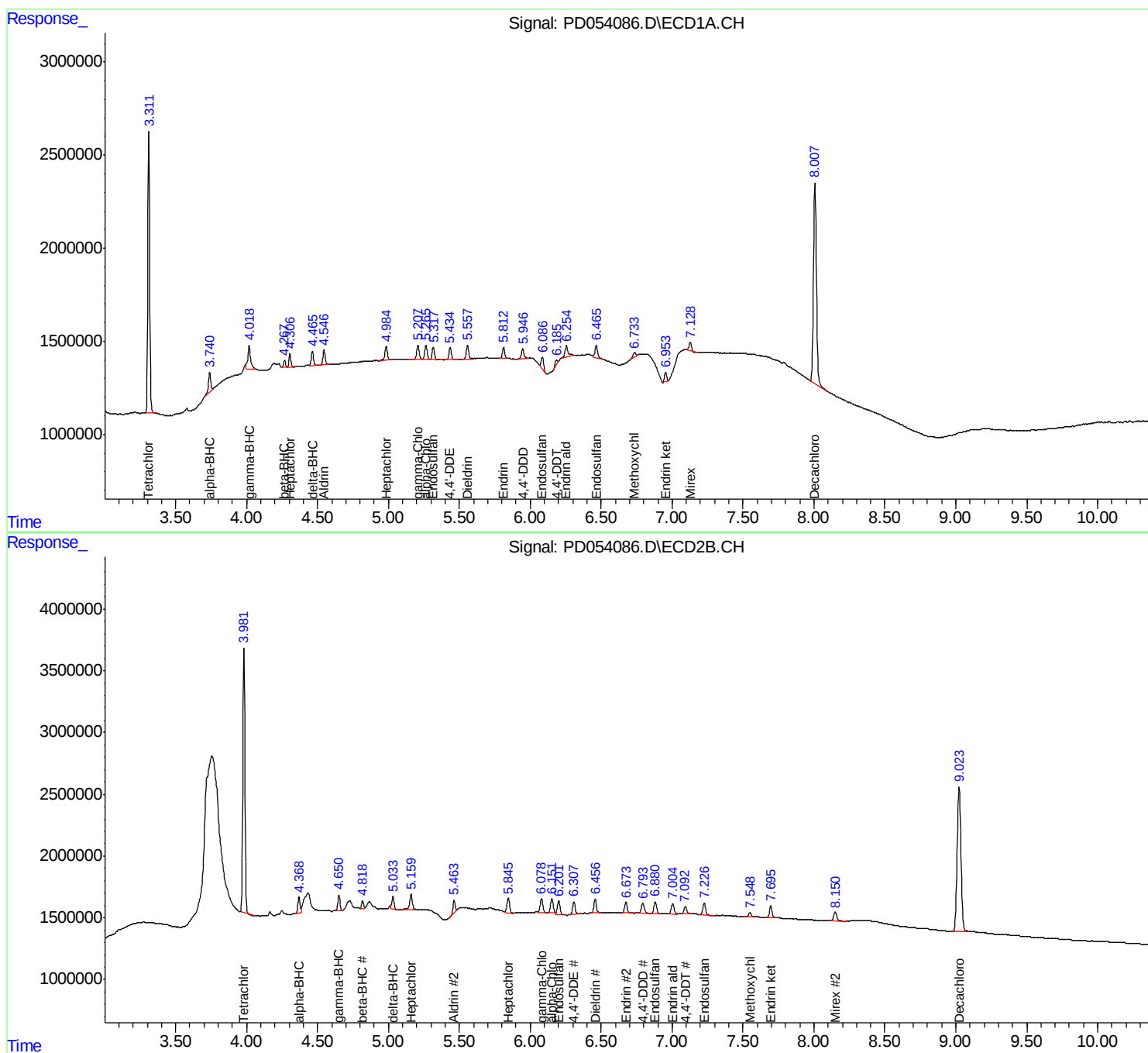
Instrument :
 ECD_D
 ClientSampleId :
 MDL-MDL-WATER-03-QT3-2019

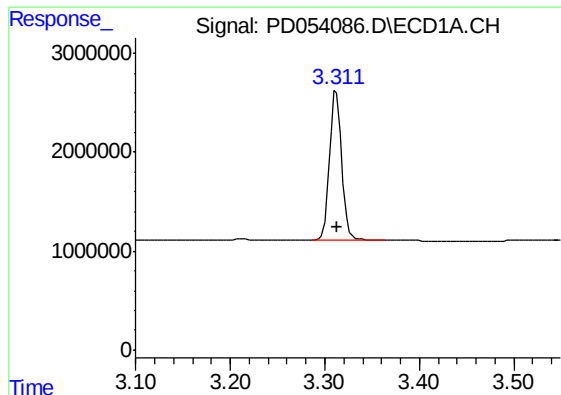
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 08:02:17 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071919.M
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Volume Inj. : 2 µl
 Signal #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





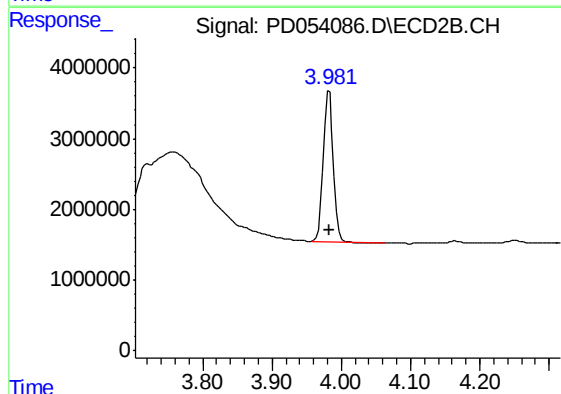
#1 Tetrachloro-m-xylene

R.T.: 3.312 min
Delta R.T.: 0.000 min
Response: 13761930
Conc: 23.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

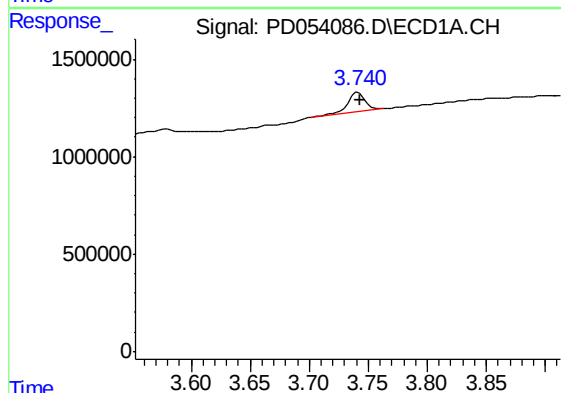
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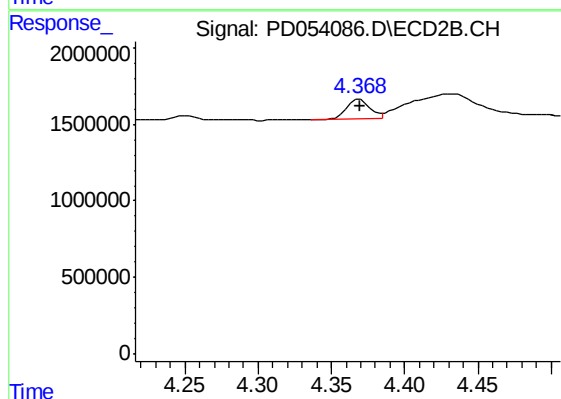
#1 Tetrachloro-m-xylene

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 21395033
Conc: 24.56 ng/ml



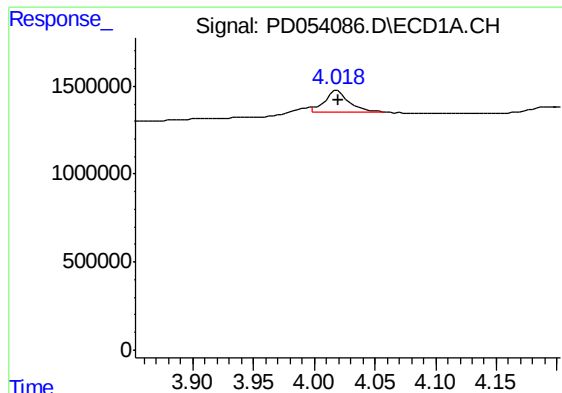
#2 alpha-BHC

R.T.: 3.742 min
Delta R.T.: 0.000 min
Response: 1085765
Conc: 1.25 ng/ml



#2 alpha-BHC

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 1425858
Conc: 1.13 ng/ml



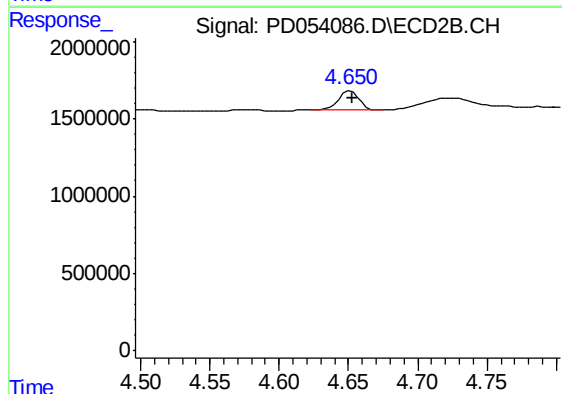
#3 gamma-BHC (Lindane)

R.T.: 4.018 min
Delta R.T.: -0.001 min
Response: 1800980
Conc: 2.20 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

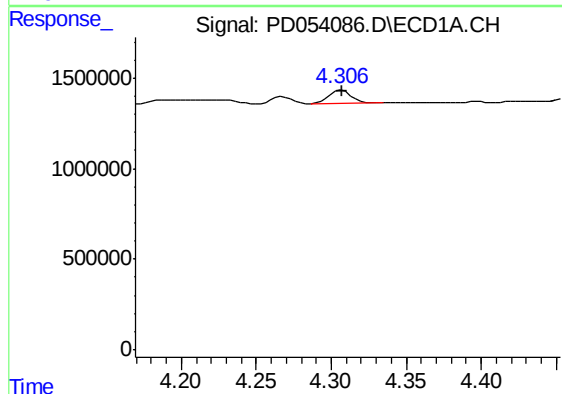
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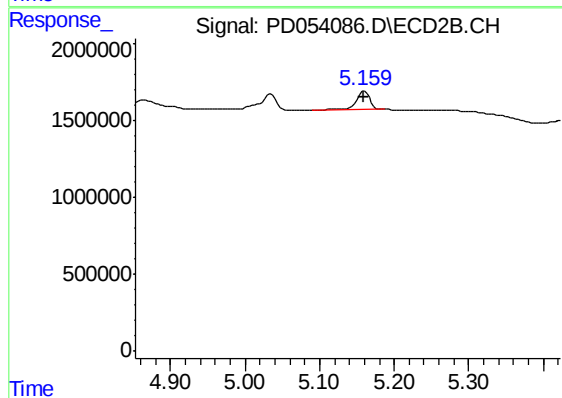
#3 gamma-BHC (Lindane)

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 1302633
Conc: 1.06 ng/ml



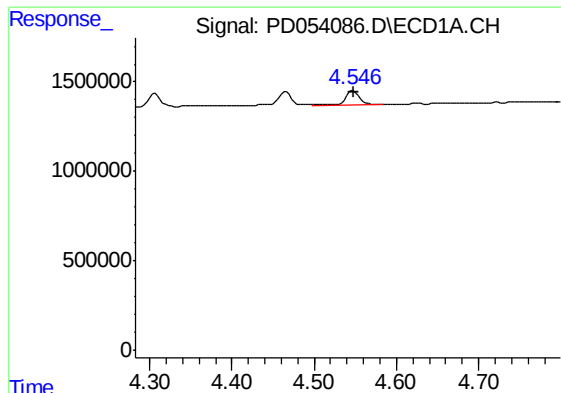
#4 Heptachlor

R.T.: 4.307 min
Delta R.T.: 0.000 min
Response: 756834
Conc: 1.04 ng/ml



#4 Heptachlor

R.T.: 5.160 min
Delta R.T.: 0.000 min
Response: 1529573
Conc: 1.22 ng/ml



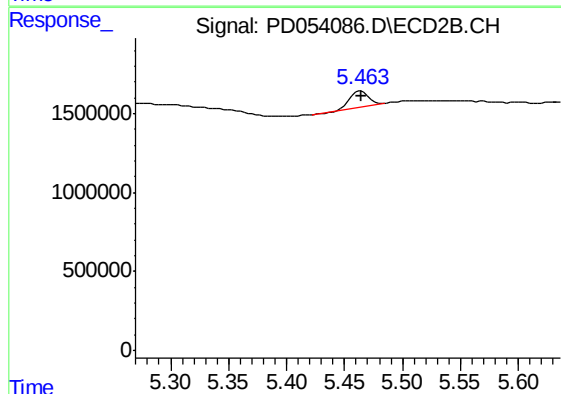
#5 Aldrin

R.T.: 4.548 min
Delta R.T.: 0.000 min
Response: 893089
Conc: 1.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

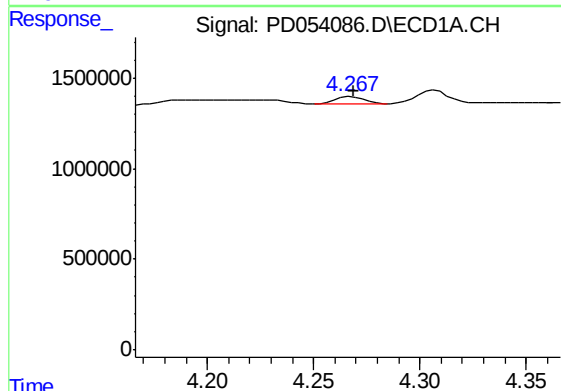
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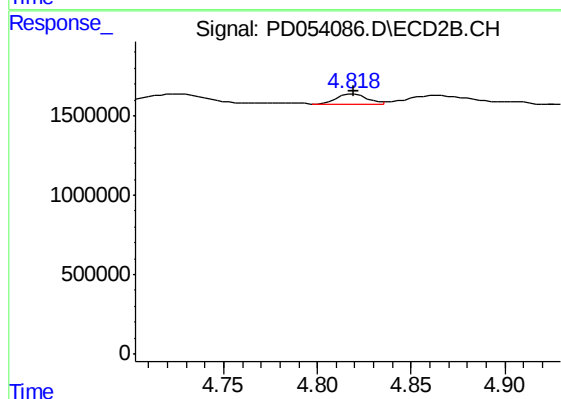
#5 Aldrin

R.T.: 5.464 min
Delta R.T.: 0.000 min
Response: 1112126
Conc: 0.90 ng/ml



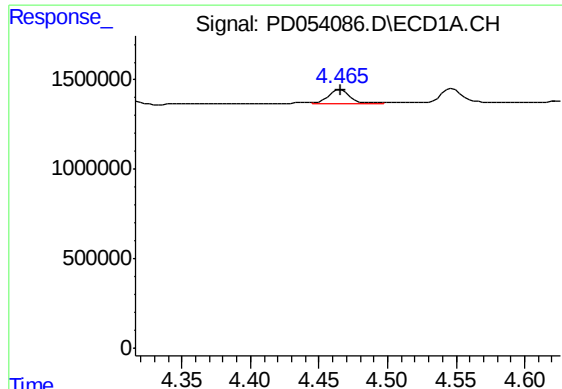
#6 beta-BHC

R.T.: 4.267 min
Delta R.T.: -0.002 min
Response: 356539
Conc: 1.01 ng/ml m



#6 beta-BHC

R.T.: 4.818 min
Delta R.T.: -0.001 min
Response: 699265
Conc: 1.25 ng/ml m



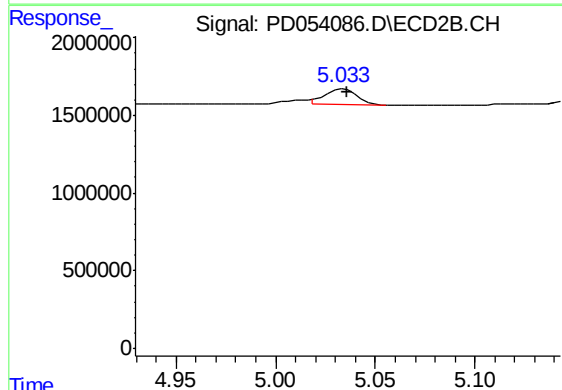
#7 delta-BHC

R.T.: 4.466 min
Delta R.T.: 0.000 min
Response: 842504
Conc: 1.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

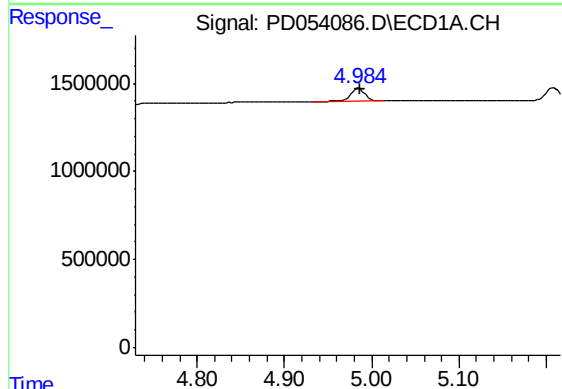
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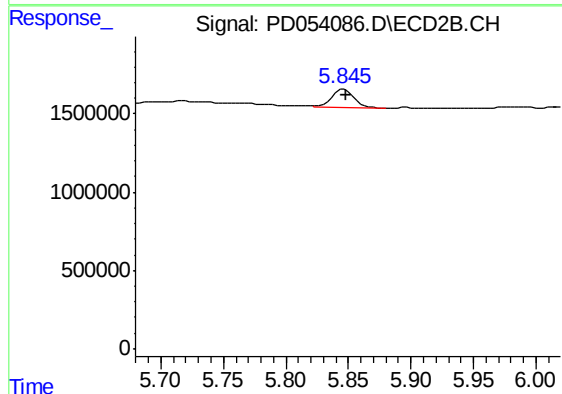
#7 delta-BHC

R.T.: 5.033 min
Delta R.T.: -0.003 min
Response: 1143023
Conc: 0.88 ng/ml m



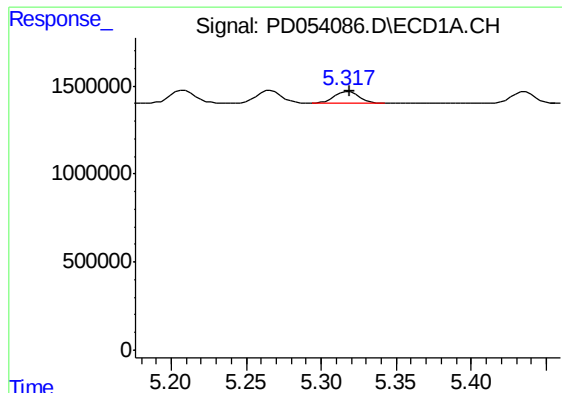
#8 Heptachlor epoxide

R.T.: 4.986 min
Delta R.T.: -0.001 min
Response: 898075
Conc: 1.18 ng/ml



#8 Heptachlor epoxide

R.T.: 5.847 min
Delta R.T.: -0.001 min
Response: 1481433
Conc: 1.23 ng/ml



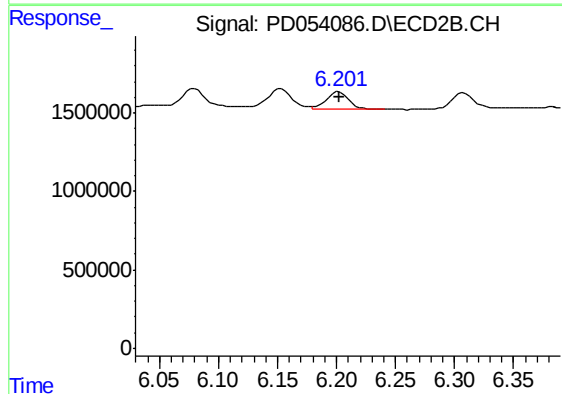
#9 Endosulfan I

R.T.: 5.318 min
Delta R.T.: 0.000 min
Response: 790416
Conc: 1.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

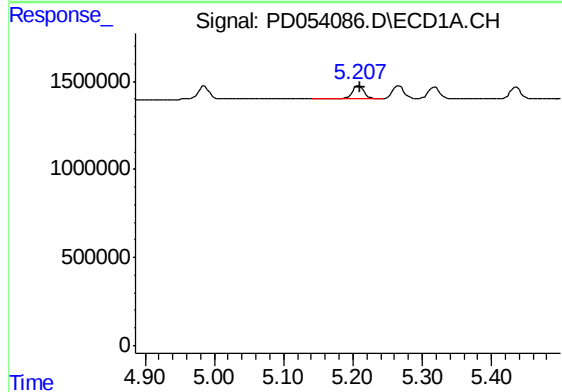
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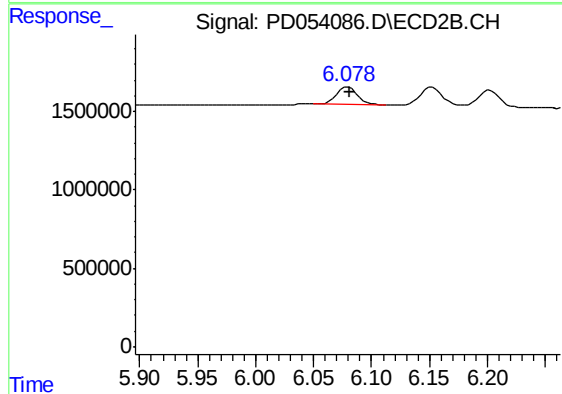
#9 Endosulfan I

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 1481676
Conc: 1.28 ng/ml



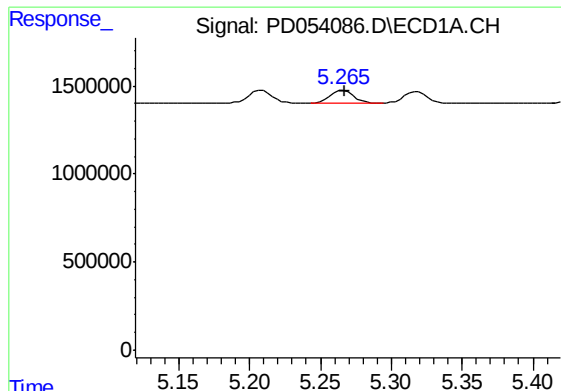
#10 gamma-Chlordane

R.T.: 5.209 min
Delta R.T.: 0.000 min
Response: 937076
Conc: 1.15 ng/ml



#10 gamma-Chlordane

R.T.: 6.078 min
Delta R.T.: -0.002 min
Response: 1419432
Conc: 1.08 ng/ml m



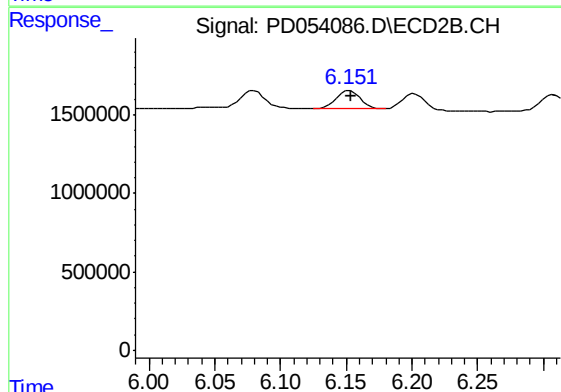
#11 alpha-Chlordane

R.T.: 5.266 min
Delta R.T.: 0.000 min
Response: 900985
Conc: 1.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

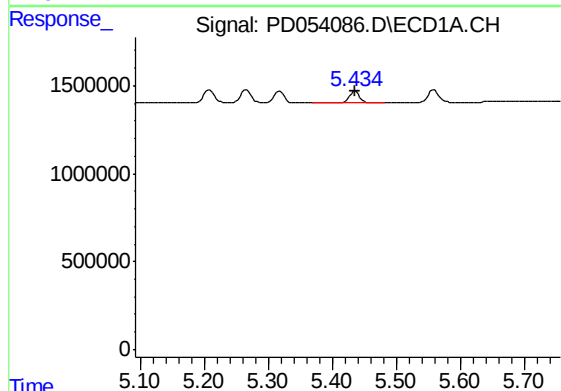
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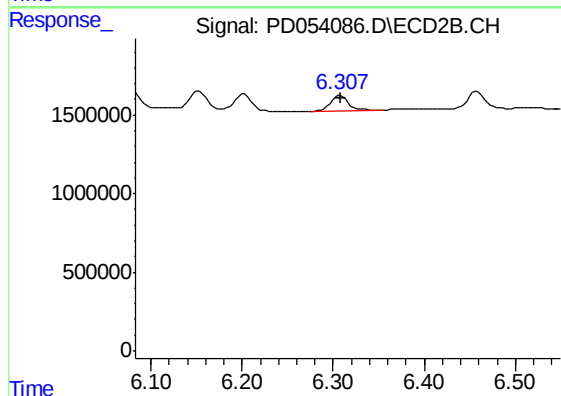
#11 alpha-Chlordane

R.T.: 6.151 min
Delta R.T.: -0.002 min
Response: 1438212
Conc: 1.11 ng/ml m



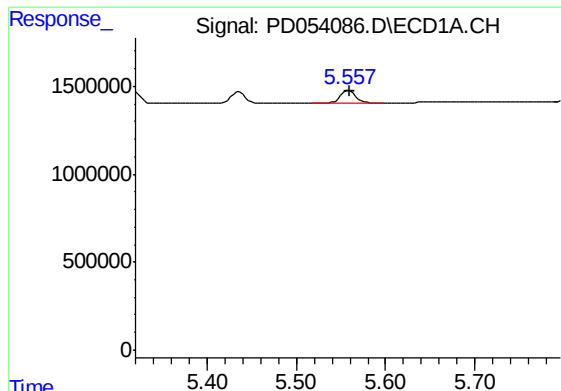
#12 4,4'-DDE

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 733491
Conc: 0.93 ng/ml



#12 4,4'-DDE

R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 1314124
Conc: 1.07 ng/ml



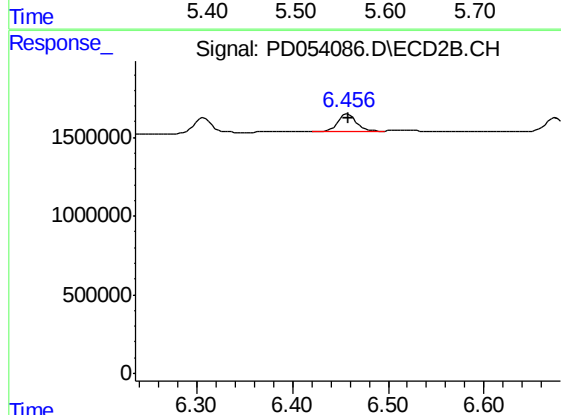
#13 Dieldrin

R.T.: 5.559 min
Delta R.T.: 0.000 min
Response: 950312
Conc: 1.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

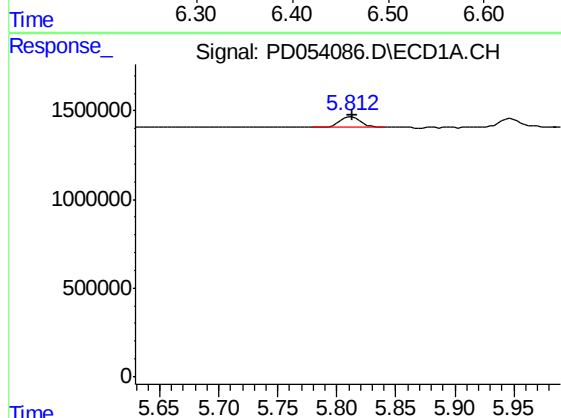
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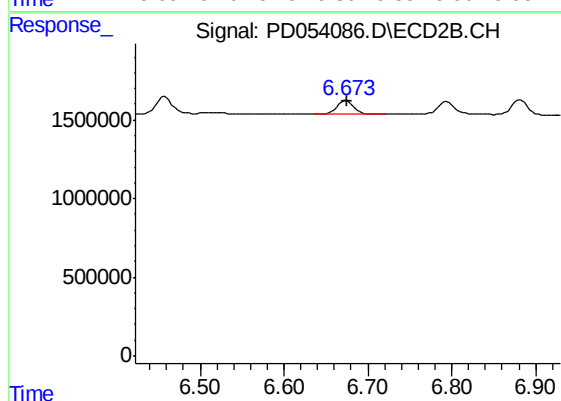
#13 Dieldrin

R.T.: 6.458 min
Delta R.T.: -0.001 min
Response: 1460423
Conc: 1.16 ng/ml



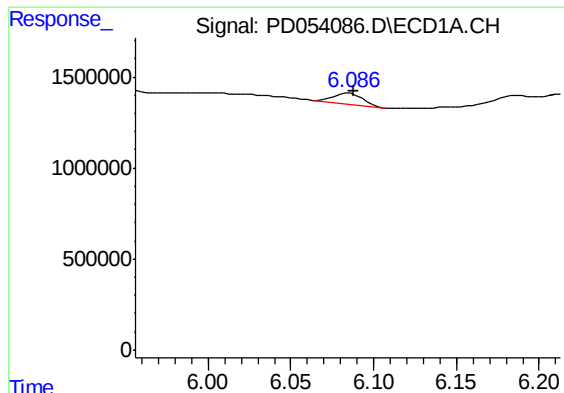
#14 Endrin

R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 779916
Conc: 1.04 ng/ml



#14 Endrin

R.T.: 6.675 min
Delta R.T.: -0.001 min
Response: 1102720
Conc: 1.05 ng/ml



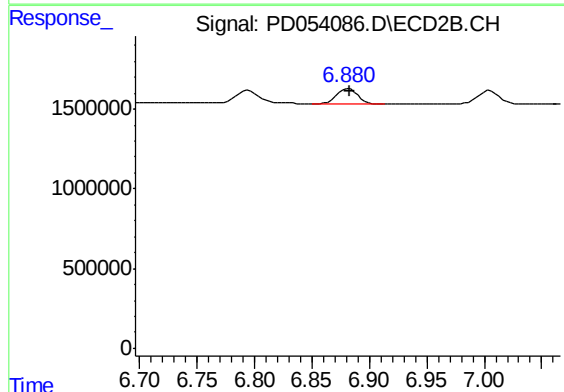
#15 Endosulfan II

R.T.: 6.086 min
Delta R.T.: -0.002 min
Response: 768476
Conc: 1.03 ng/ml m

Instrument :
ECD_D
ClientSampleId :
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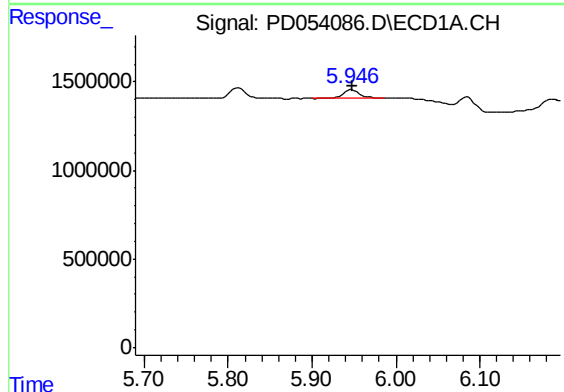
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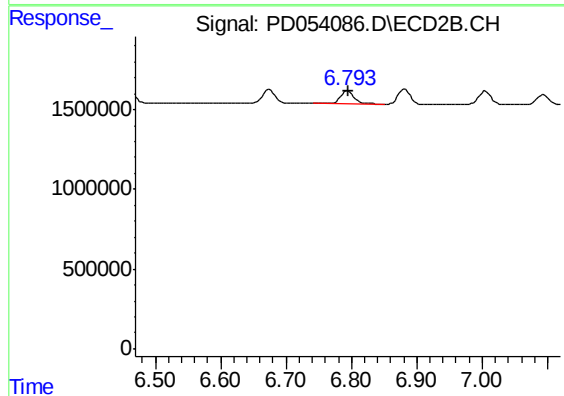
#15 Endosulfan II

R.T.: 6.881 min
Delta R.T.: -0.001 min
Response: 1262806
Conc: 1.09 ng/ml



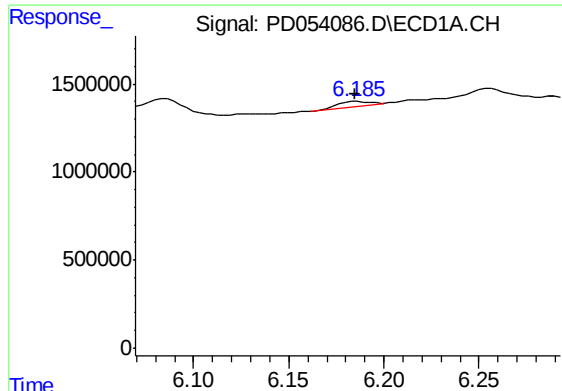
#16 4,4'-DDD

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 598393
Conc: 1.00 ng/ml



#16 4,4'-DDD

R.T.: 6.794 min
Delta R.T.: -0.002 min
Response: 1161732
Conc: 1.15 ng/ml



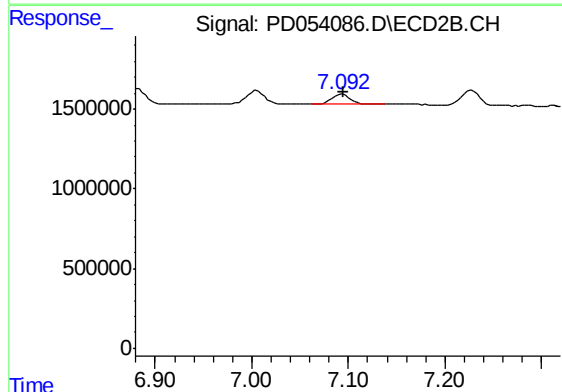
#17 4,4'-DDT

R.T.: 6.187 min
Delta R.T.: 0.002 min
Response: 296678
Conc: 0.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

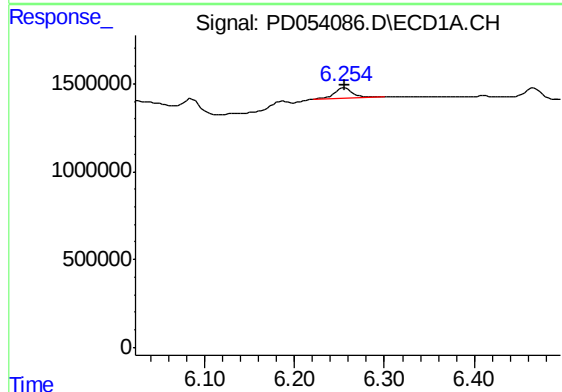
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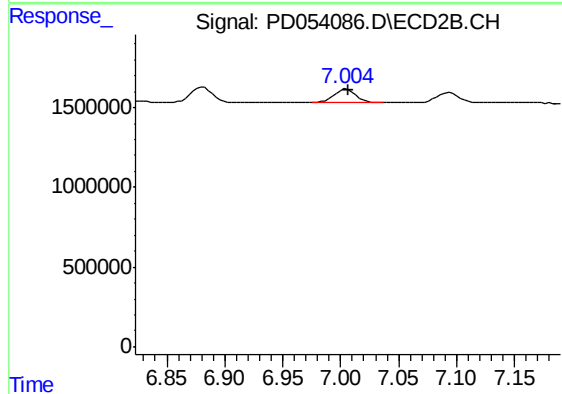
#17 4,4'-DDT

R.T.: 7.092 min
Delta R.T.: -0.003 min
Response: 821964
Conc: 0.83 ng/ml m



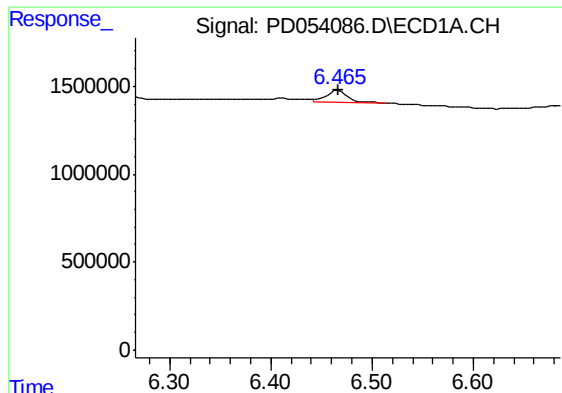
#18 Endrin aldehyde

R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 865326
Conc: 1.36 ng/ml



#18 Endrin aldehyde

R.T.: 7.005 min
Delta R.T.: -0.001 min
Response: 1166669
Conc: 1.17 ng/ml



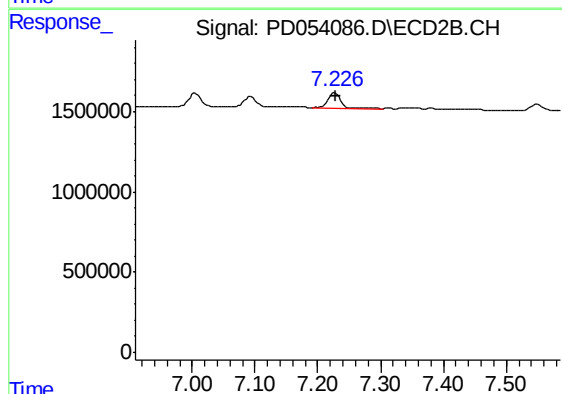
#19 Endosulfan Sulfate

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 1022898
Conc: 1.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

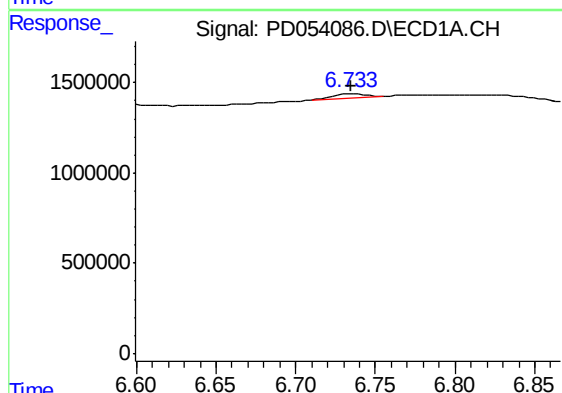
Manual Integrations
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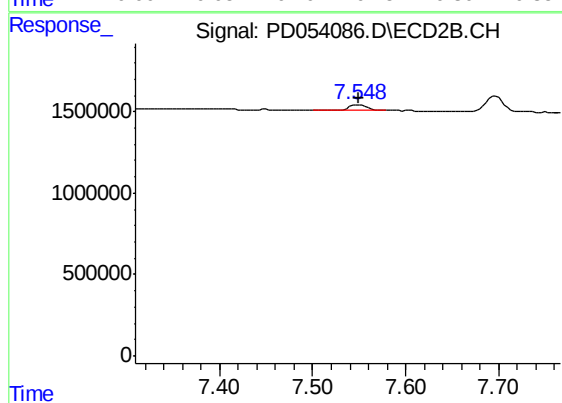
#19 Endosulfan Sulfate

R.T.: 7.227 min
Delta R.T.: 0.000 min
Response: 1360605
Conc: 1.25 ng/ml



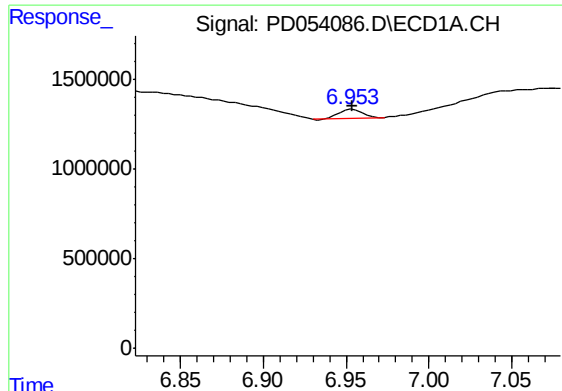
#20 Methoxychlor

R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 307178
Conc: 1.07 ng/ml



#20 Methoxychlor

R.T.: 7.550 min
Delta R.T.: 0.000 min
Response: 487311
Conc: 0.91 ng/ml



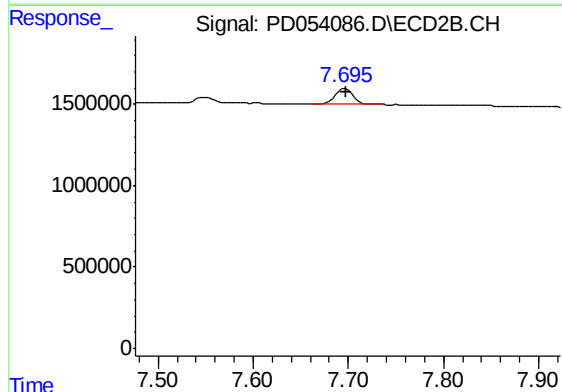
#21 Endrin ketone

R.T.: 6.954 min
Delta R.T.: 0.000 min
Response: 476143
Conc: 0.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

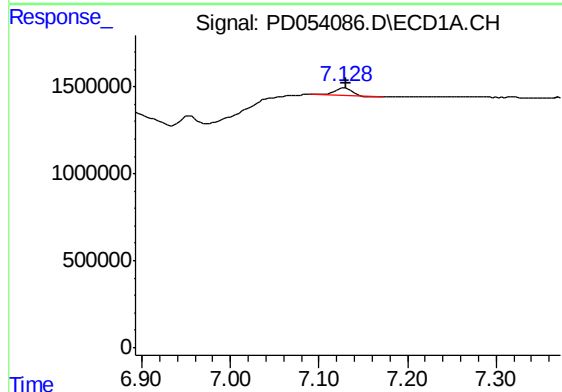
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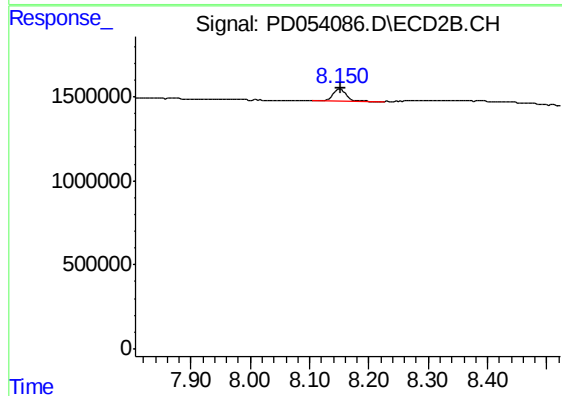
#21 Endrin ketone

R.T.: 7.695 min
Delta R.T.: -0.002 min
Response: 1344029
Conc: 1.11 ng/ml m



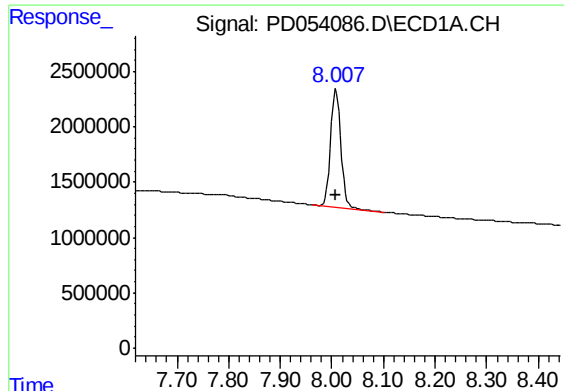
#22 Mirex

R.T.: 7.129 min
Delta R.T.: 0.000 min
Response: 632664
Conc: 0.97 ng/ml



#22 Mirex

R.T.: 8.151 min
Delta R.T.: -0.001 min
Response: 1080136
Conc: 1.17 ng/ml



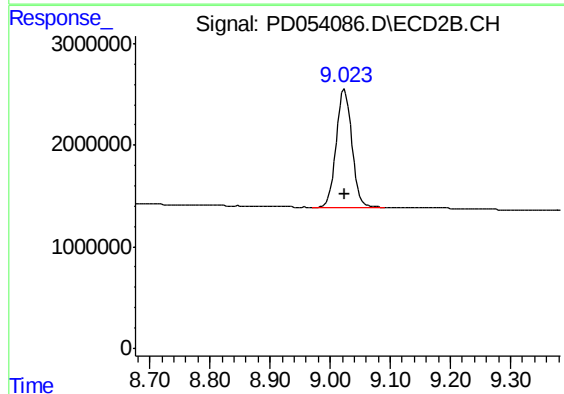
#28 Decachlorobiphenyl

R.T.: 8.008 min
Delta R.T.: 0.000 min
Response: 15008600
Conc: 22.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Manual Integrations
APPROVED

Ankita
7/25/2019 12:10:48 PM



#28 Decachlorobiphenyl

R.T.: 9.024 min
Delta R.T.: 0.000 min
Response: 21097329
Conc: 22.76 ng/ml