

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081421\
 Data File : PD064955.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Aug 2021 08:32
 Operator : AR\AJ
 Sample : M2940-07
 Misc : PEST LOD 2.5 PPB
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 16 04:08:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081421.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 16 03:35:15 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...	3.509	4.020	35449623	386.1E6	18.139	19.012
28)	SA Decachlor...	8.280	9.105	46544477	227.0E6	18.939	20.422
Target Compounds							
2)	A alpha-BHC	3.952	4.415	6490037	79959771	2.154	2.520
3)	MA gamma-BHC...	4.237	4.702	6880141	72107970	2.441	2.505
4)	MA Heptachlor	4.538	5.207	6455727	106.3E6	2.202	3.580 #
5)	MB Aldrin	4.787	5.513	6196910	76568661	2.147	2.720 #
6)	B beta-BHC	4.487	4.879	4098196	48048171	3.295	N.D. #
7)	B delta-BHC	4.693	5.096	5473551	67565704	1.953	2.389
8)	B Heptachlor...	5.233	5.902	6045909	67017824	2.250	2.621
9)	A Endosulfan I	5.573	6.262	5627033	61492198	2.221	2.606
10)	B gamma-Chl...	5.459	6.137	6158815	73658740	2.229	2.820 #
11)	B alpha-Chl...	5.518	6.209	6214110	67133570	2.271	2.648
12)	B 4,4'-DDE	5.682	6.368	5558740	58594164	2.114	2.411
13)	MA Dieldrin	5.818	6.520	5839219	62392649	2.131	2.530
14)	MA Endrin	6.076	6.739	5341049	46854479	2.219	2.405
15)	B Endosulfa...	6.350	6.953	5335751	49042898	2.334	2.555
16)	A 4,4'-DDD	6.200	6.863	4897836	51501427	2.125	2.711 #
17)	MA 4,4'-DDT	6.441	7.161	5108866	45953590	2.127	2.308
18)	B Endrin al...	6.520	7.078	4521933	42357370	2.470	2.696
19)	B Endosulfa...	6.732	7.301	5570347	49845606	2.411	2.584
20)	A Methoxychlor	6.990	7.621	3512473	24668020	2.505	2.597
21)	B Endrin ke...	7.227	7.775	7030319	49280896	2.443	2.583
22)	Mirex	7.414	8.225	6003697	35670453	2.706	2.830
24)	Chlordane-2	0.000	5.513f	0	76568661	N.D.	92.148 #
25)	Chlordane-3	5.459	6.137	6158815	73658740	23.843	21.963
26)	Chlordane-4	5.518	6.209	6214110	67133570	29.869	17.263 #
27)	Chlordane-5	6.350	0.000	5335751	0	56.819	N.D. #

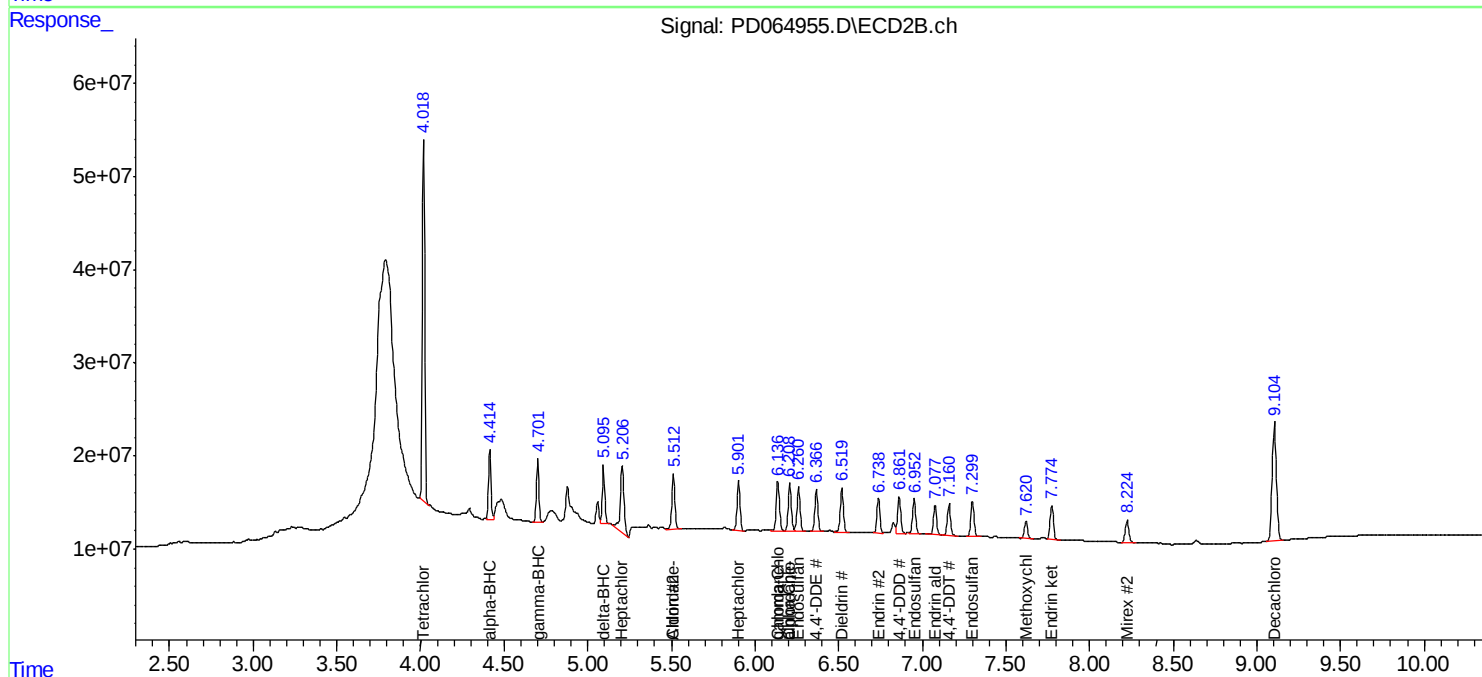
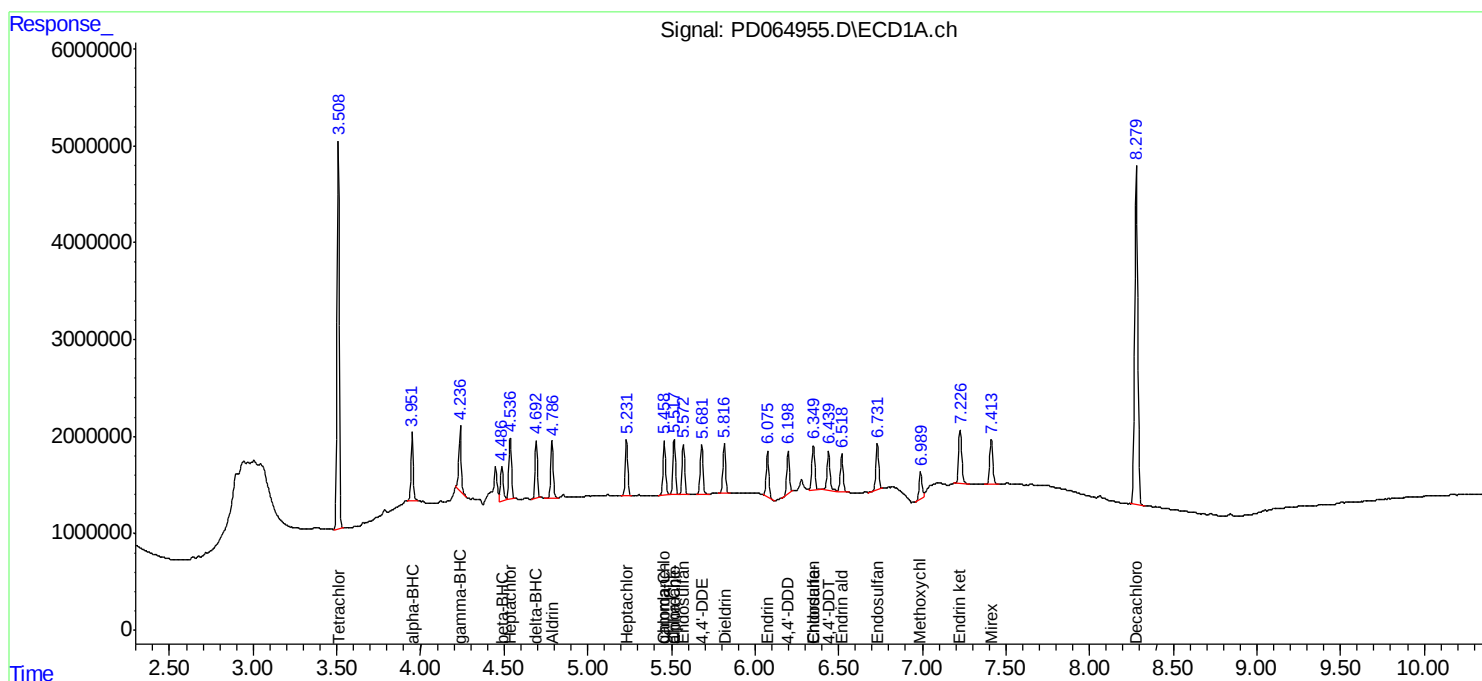
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

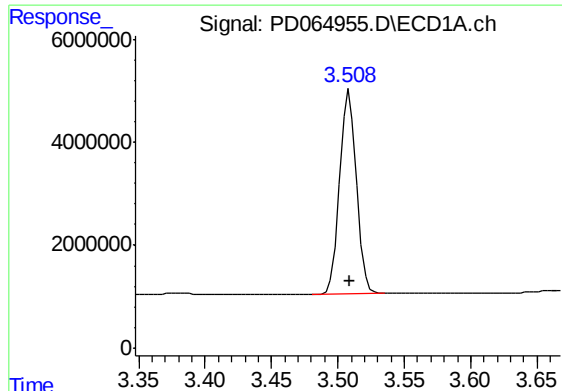
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081421\
Data File : PD064955.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2021 08:32
Operator : AR\AJ
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LOD-MDL-WATER-01-QT3-2021

Integration File signal 1: autoint1.e
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Quant Time: Aug 16 04:08:41 2021
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Quant Title : GC Extractables
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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

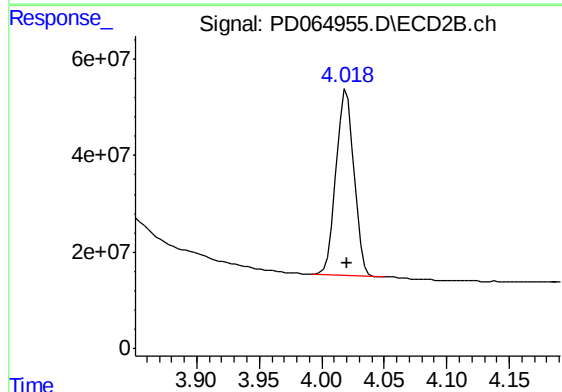




#1 Tetrachloro-m-xylene

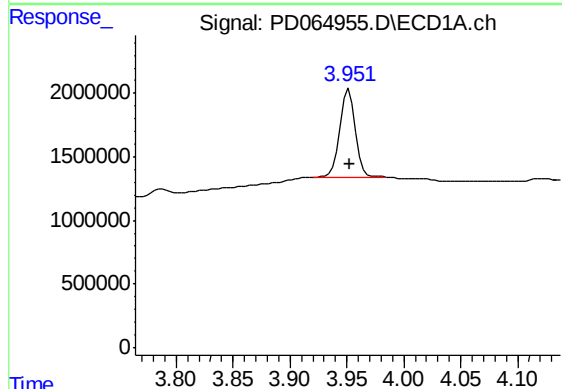
R.T.: 3.509 min
Delta R.T.: 0.000 min
Response: 35449623
Conc: 18.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



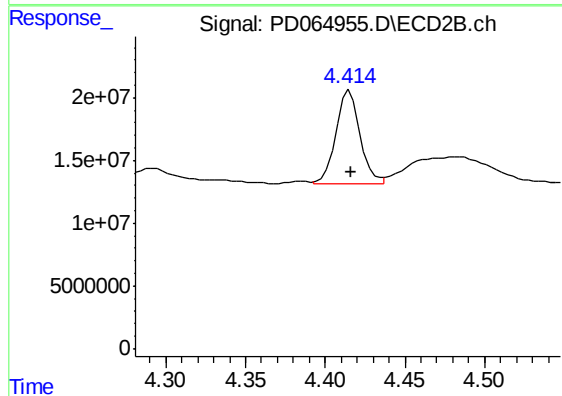
#1 Tetrachloro-m-xylene

R.T.: 4.020 min
Delta R.T.: 0.000 min
Response: 386085602
Conc: 19.01 ng/ml



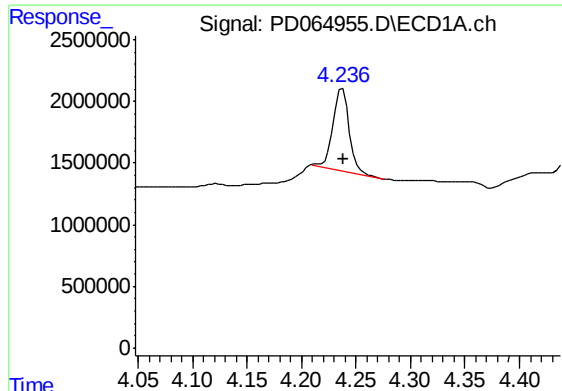
#2 alpha-BHC

R.T.: 3.952 min
Delta R.T.: 0.000 min
Response: 6490037
Conc: 2.15 ng/ml



#2 alpha-BHC

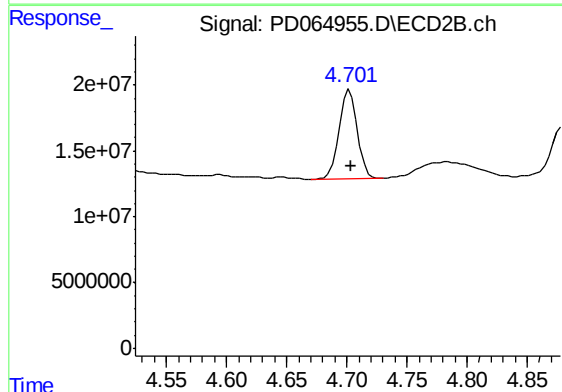
R.T.: 4.415 min
Delta R.T.: 0.000 min
Response: 79959771
Conc: 2.52 ng/ml



#3 gamma-BHC (Lindane)

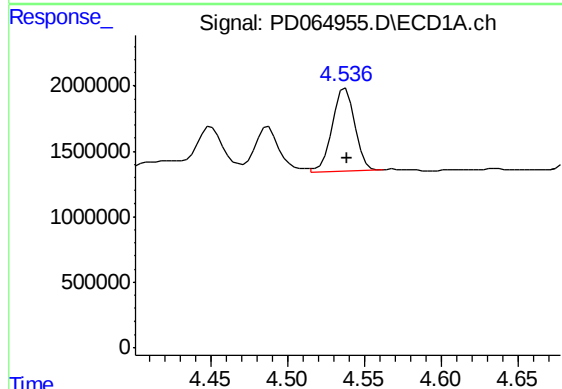
R.T.: 4.237 min
Delta R.T.: 0.000 min
Response: 6880141
Conc: 2.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



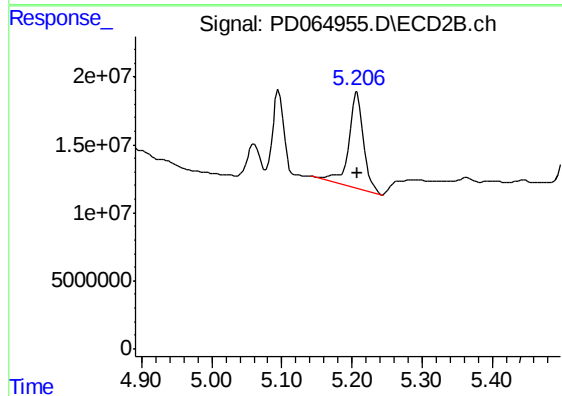
#3 gamma-BHC (Lindane)

R.T.: 4.702 min
Delta R.T.: 0.000 min
Response: 72107970
Conc: 2.51 ng/ml



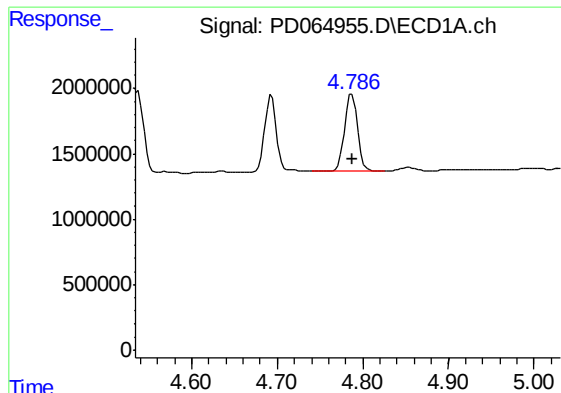
#4 Heptachlor

R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 6455727
Conc: 2.20 ng/ml



#4 Heptachlor

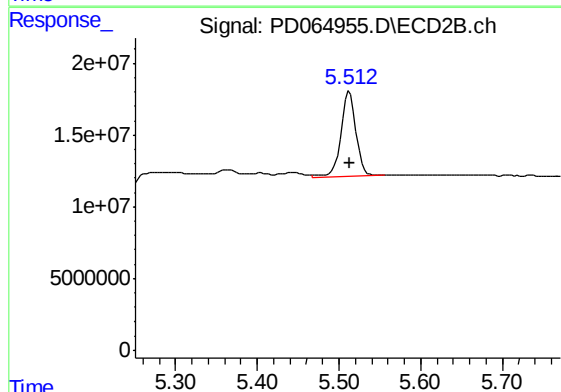
R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 106297933
Conc: 3.58 ng/ml



#5 Aldrin

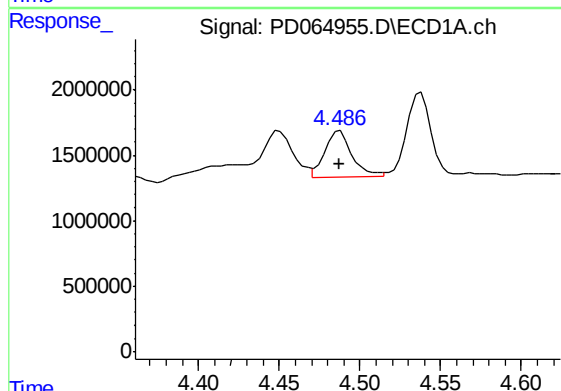
R.T.: 4.787 min
Delta R.T.: 0.000 min
Response: 6196910
Conc: 2.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



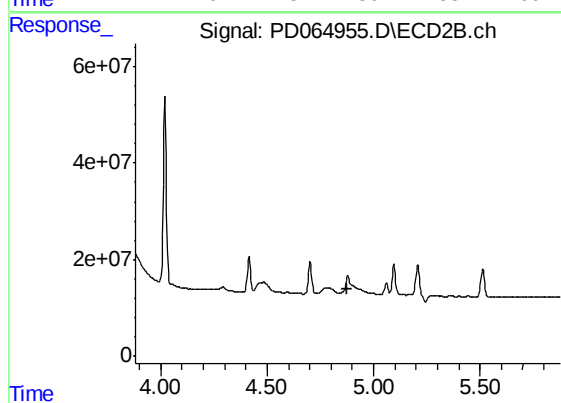
#5 Aldrin

R.T.: 5.513 min
Delta R.T.: 0.000 min
Response: 76568661
Conc: 2.72 ng/ml



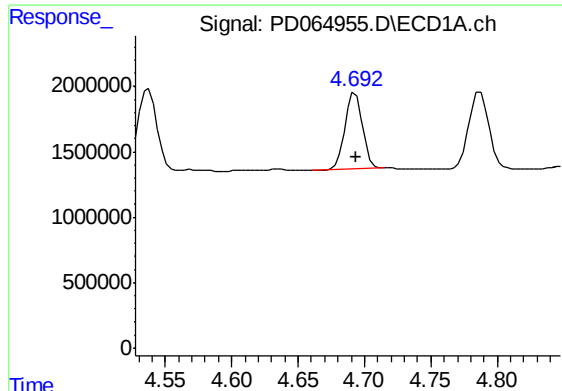
#6 beta-BHC

R.T.: 4.487 min
Delta R.T.: 0.000 min
Response: 4098196
Conc: 3.30 ng/ml



#6 beta-BHC

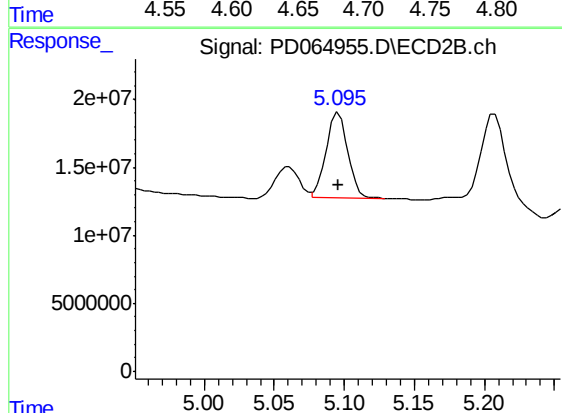
R.T.: 4.879 min
Delta R.T.: 0.000 min
Response: 48048171
Conc: N.D.



#7 delta-BHC

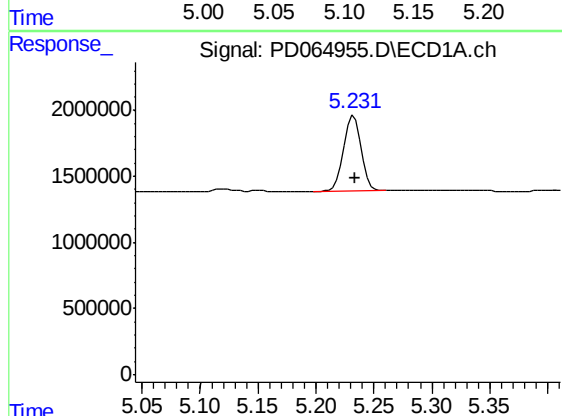
R.T.: 4.693 min
Delta R.T.: 0.000 min
Response: 5473551
Conc: 1.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



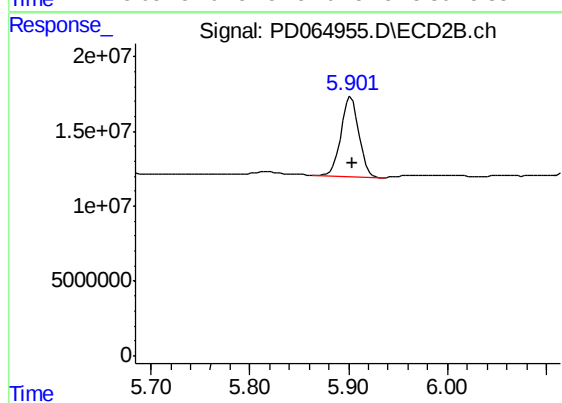
#7 delta-BHC

R.T.: 5.096 min
Delta R.T.: 0.000 min
Response: 67565704
Conc: 2.39 ng/ml



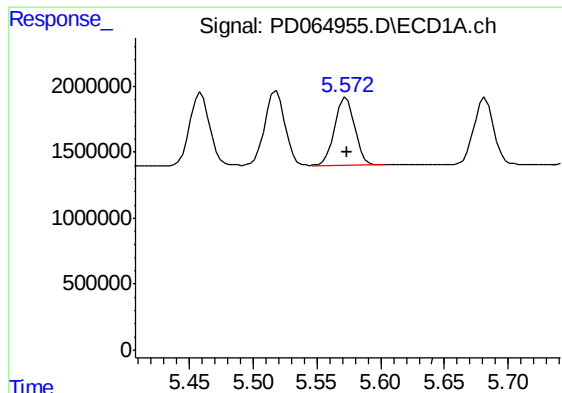
#8 Heptachlor epoxide

R.T.: 5.233 min
Delta R.T.: 0.000 min
Response: 6045909
Conc: 2.25 ng/ml



#8 Heptachlor epoxide

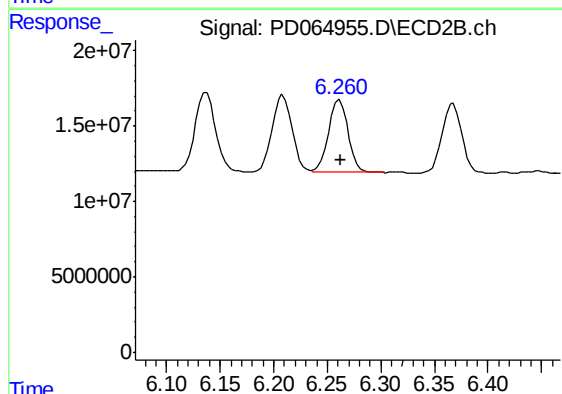
R.T.: 5.902 min
Delta R.T.: -0.001 min
Response: 67017824
Conc: 2.62 ng/ml



#9 Endosulfan I

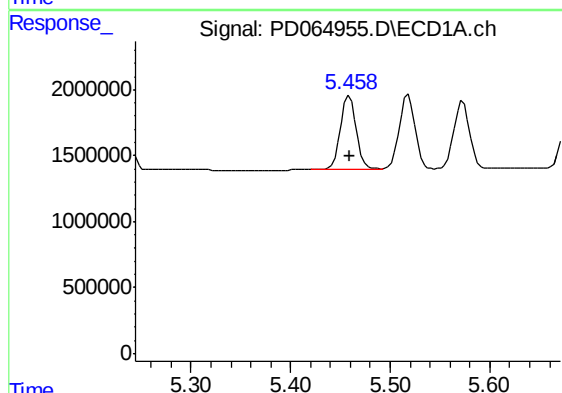
R.T.: 5.573 min
Delta R.T.: 0.000 min
Response: 5627033
Conc: 2.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



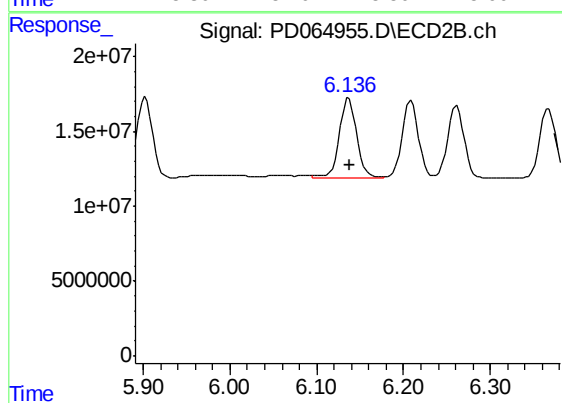
#9 Endosulfan I

R.T.: 6.262 min
Delta R.T.: 0.000 min
Response: 61492198
Conc: 2.61 ng/ml



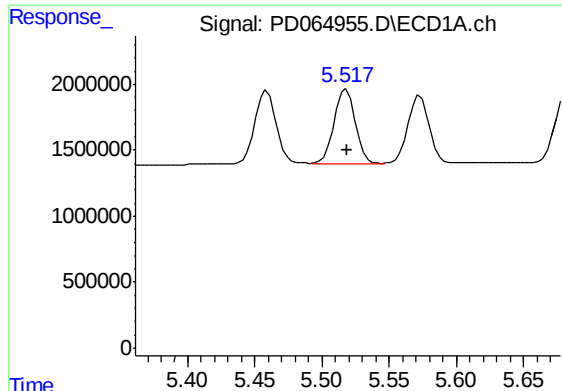
#10 gamma-Chlordane

R.T.: 5.459 min
Delta R.T.: 0.000 min
Response: 6158815
Conc: 2.23 ng/ml



#10 gamma-Chlordane

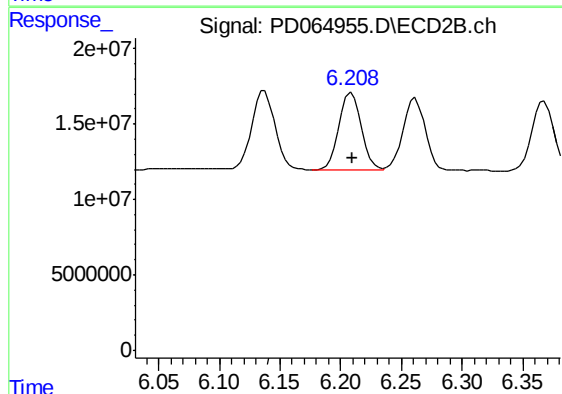
R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 73658740
Conc: 2.82 ng/ml



#11 alpha-Chlordane

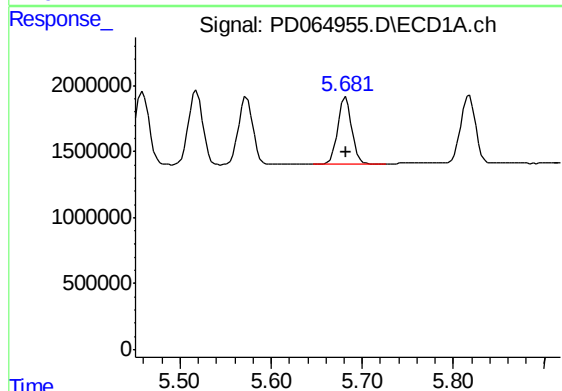
R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 6214110
Conc: 2.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



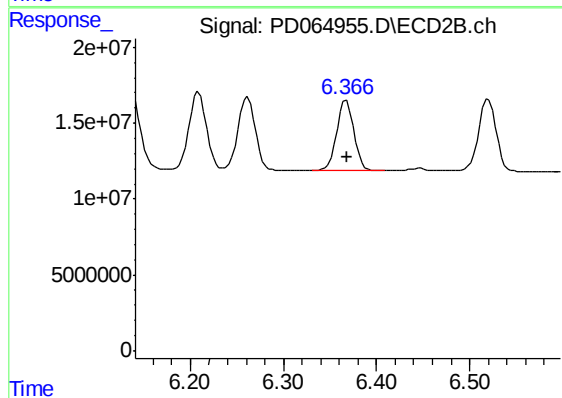
#11 alpha-Chlordane

R.T.: 6.209 min
Delta R.T.: -0.001 min
Response: 67133570
Conc: 2.65 ng/ml



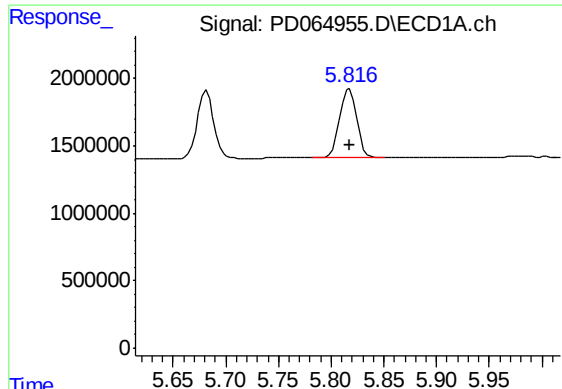
#12 4,4'-DDE

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 5558740
Conc: 2.11 ng/ml



#12 4,4'-DDE

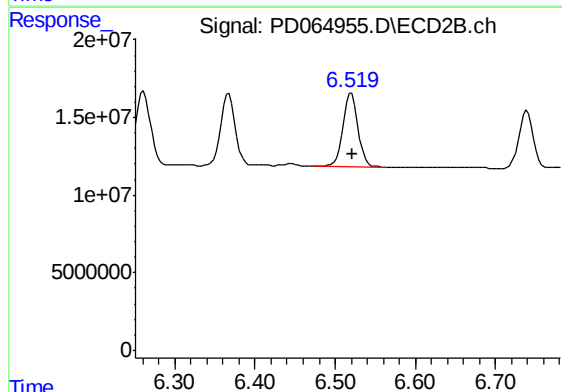
R.T.: 6.368 min
Delta R.T.: -0.001 min
Response: 58594164
Conc: 2.41 ng/ml



#13 Dieldrin

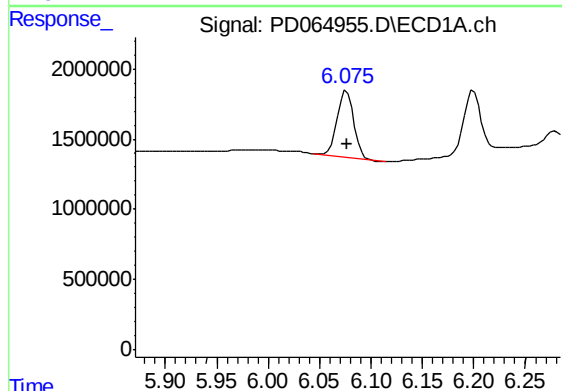
R.T.: 5.818 min
Delta R.T.: 0.000 min
Response: 5839219
Conc: 2.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



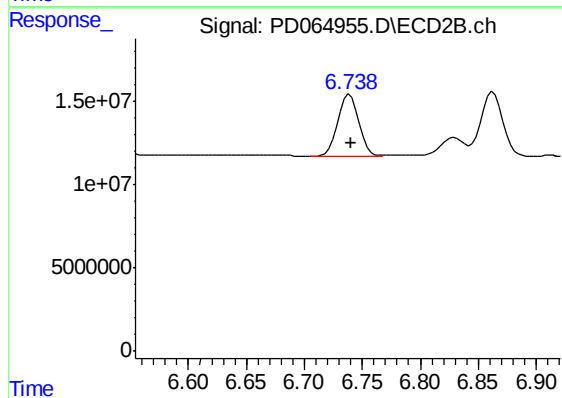
#13 Dieldrin

R.T.: 6.520 min
Delta R.T.: 0.000 min
Response: 62392649
Conc: 2.53 ng/ml



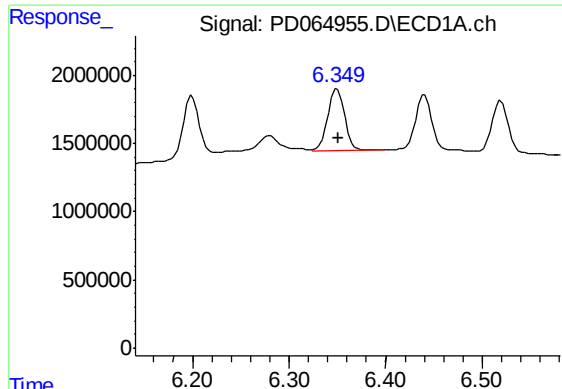
#14 Endrin

R.T.: 6.076 min
Delta R.T.: -0.001 min
Response: 5341049
Conc: 2.22 ng/ml



#14 Endrin

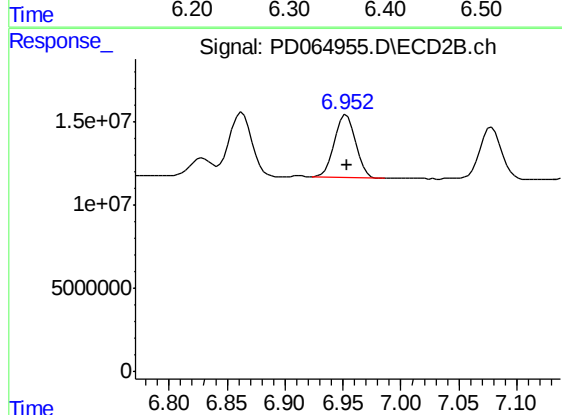
R.T.: 6.739 min
Delta R.T.: -0.002 min
Response: 46854479
Conc: 2.41 ng/ml



#15 Endosulfan II

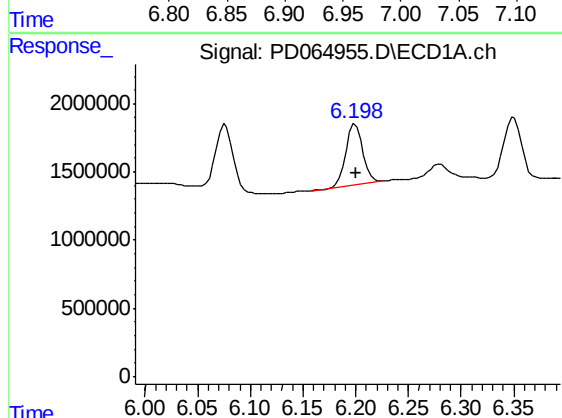
R.T.: 6.350 min
Delta R.T.: 0.000 min
Response: 5335751
Conc: 2.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



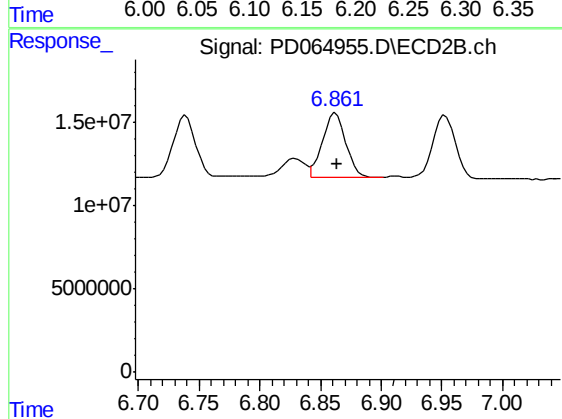
#15 Endosulfan II

R.T.: 6.953 min
Delta R.T.: 0.000 min
Response: 49042898
Conc: 2.55 ng/ml



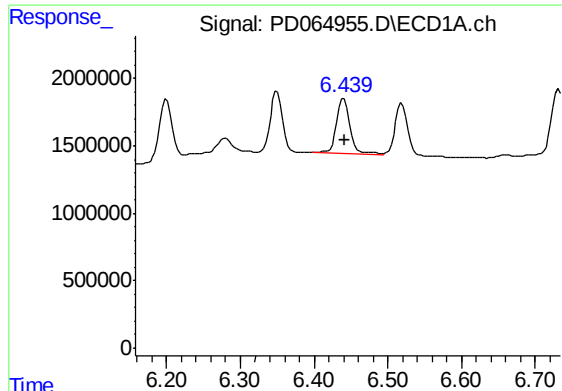
#16 4,4'-DDD

R.T.: 6.200 min
Delta R.T.: 0.000 min
Response: 4897836
Conc: 2.13 ng/ml



#16 4,4'-DDD

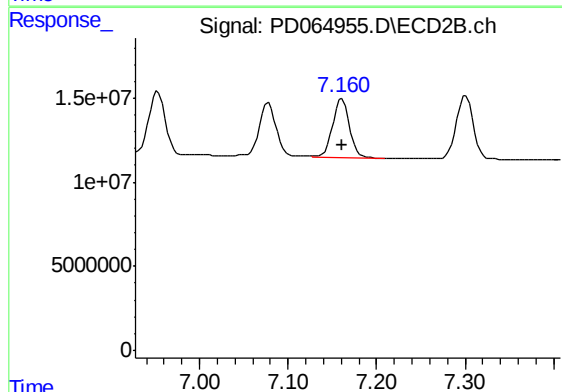
R.T.: 6.863 min
Delta R.T.: 0.000 min
Response: 51501427
Conc: 2.71 ng/ml



#17 4,4'-DDT

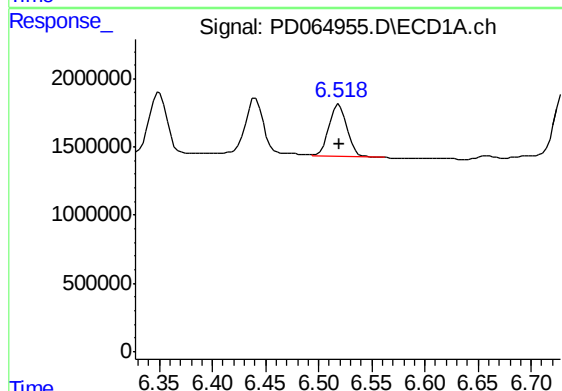
R.T.: 6.441 min
Delta R.T.: -0.001 min
Response: 5108866
Conc: 2.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



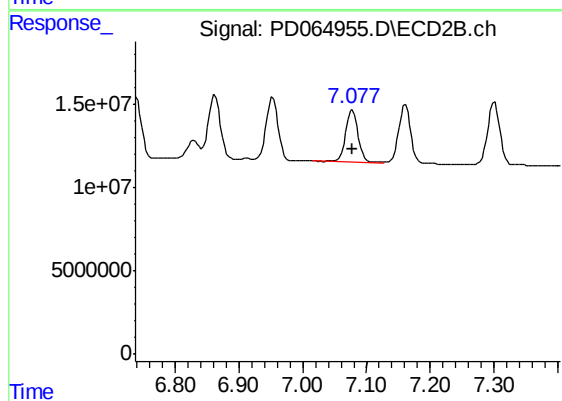
#17 4,4'-DDT

R.T.: 7.161 min
Delta R.T.: 0.000 min
Response: 45953590
Conc: 2.31 ng/ml



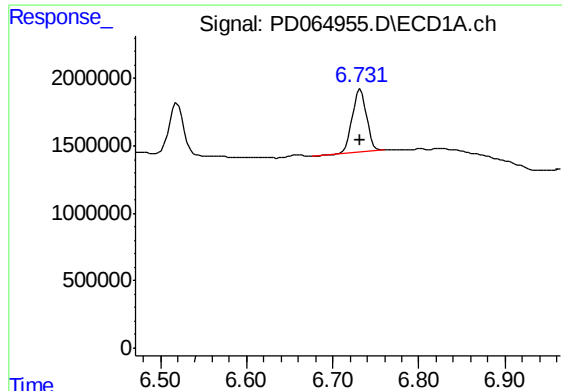
#18 Endrin aldehyde

R.T.: 6.520 min
Delta R.T.: 0.000 min
Response: 4521933
Conc: 2.47 ng/ml



#18 Endrin aldehyde

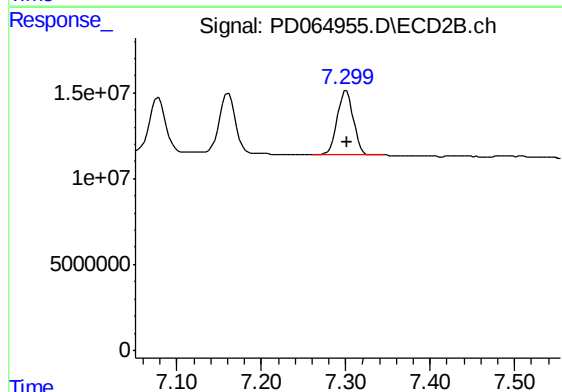
R.T.: 7.078 min
Delta R.T.: 0.000 min
Response: 42357370
Conc: 2.70 ng/ml



#19 Endosulfan Sulfate

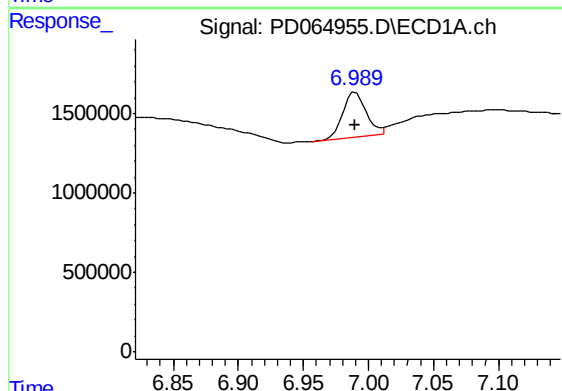
R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 5570347
Conc: 2.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



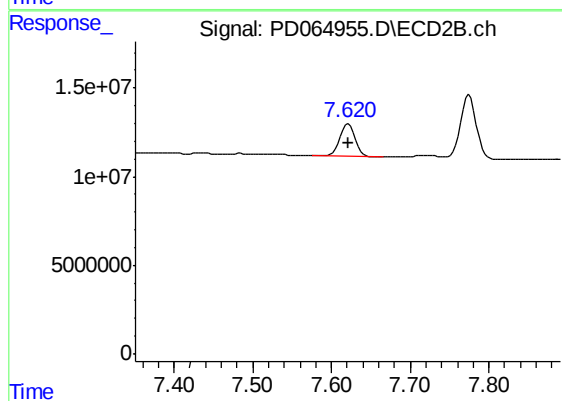
#19 Endosulfan Sulfate

R.T.: 7.301 min
Delta R.T.: 0.000 min
Response: 49845606
Conc: 2.58 ng/ml



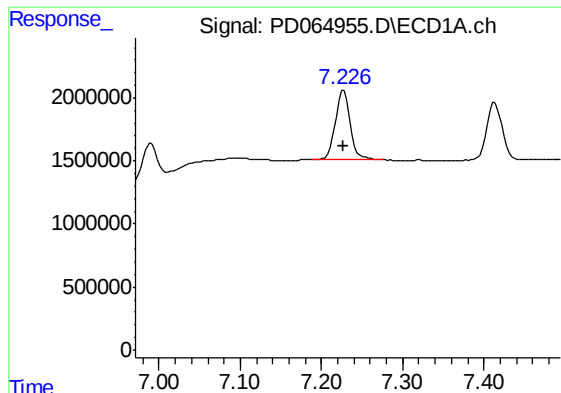
#20 Methoxychlor

R.T.: 6.990 min
Delta R.T.: 0.000 min
Response: 3512473
Conc: 2.50 ng/ml



#20 Methoxychlor

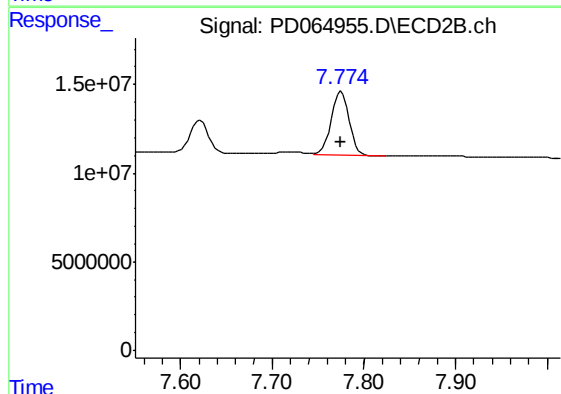
R.T.: 7.621 min
Delta R.T.: 0.000 min
Response: 24668020
Conc: 2.60 ng/ml



#21 Endrin ketone

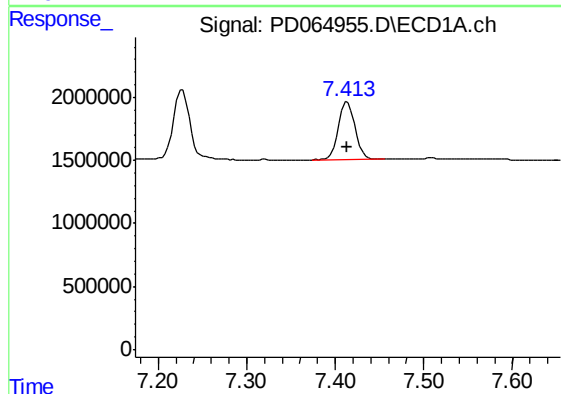
R.T.: 7.227 min
Delta R.T.: 0.000 min
Response: 7030319
Conc: 2.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



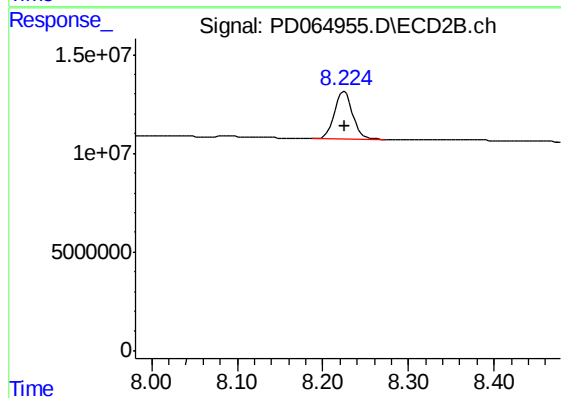
#21 Endrin ketone

R.T.: 7.775 min
Delta R.T.: 0.000 min
Response: 49280896
Conc: 2.58 ng/ml



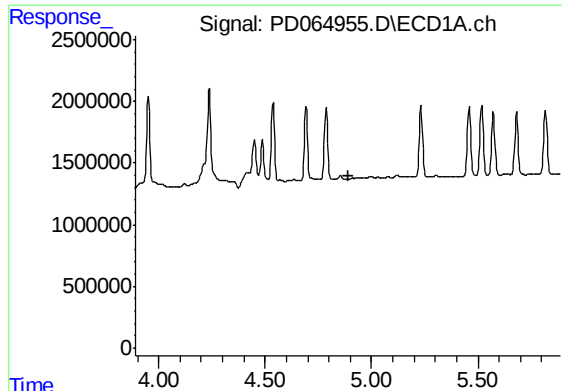
#22 Mirex

R.T.: 7.414 min
Delta R.T.: 0.000 min
Response: 6003697
Conc: 2.71 ng/ml



#22 Mirex

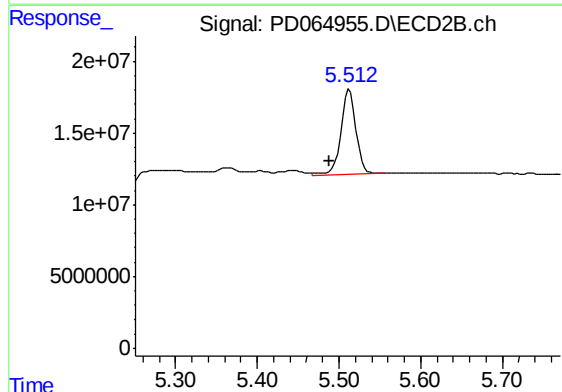
R.T.: 8.225 min
Delta R.T.: 0.000 min
Response: 35670453
Conc: 2.83 ng/ml



#24 Chlordane-2

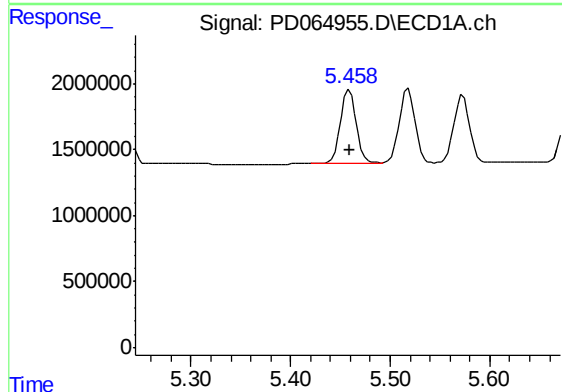
R.T.: 0.000 min
Exp R.T.: 4.890 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



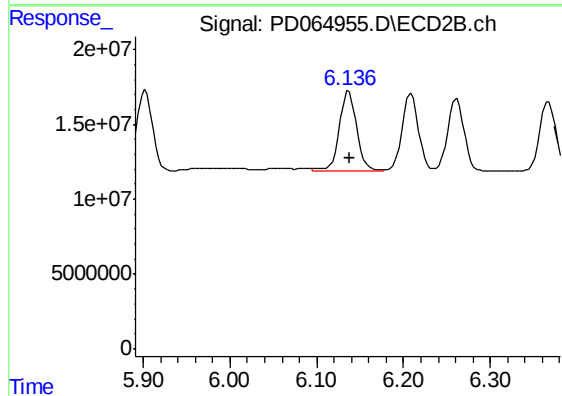
#24 Chlordane-2

R.T.: 5.513 min
Delta R.T.: 0.024 min
Response: 76568661
Conc: 92.15 ng/ml



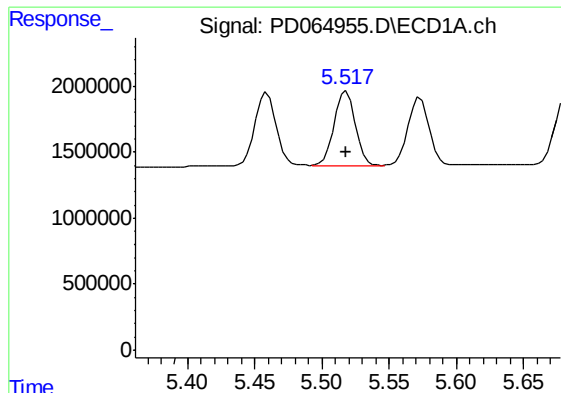
#25 Chlordane-3

R.T.: 5.459 min
Delta R.T.: 0.000 min
Response: 6158815
Conc: 23.84 ng/ml



#25 Chlordane-3

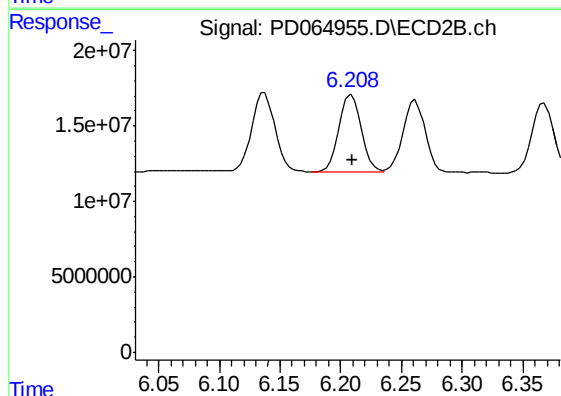
R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 73658740
Conc: 21.96 ng/ml



#26 Chlordane-4

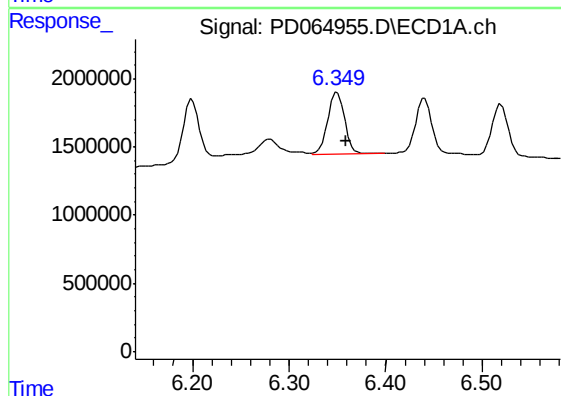
R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 6214110
Conc: 29.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



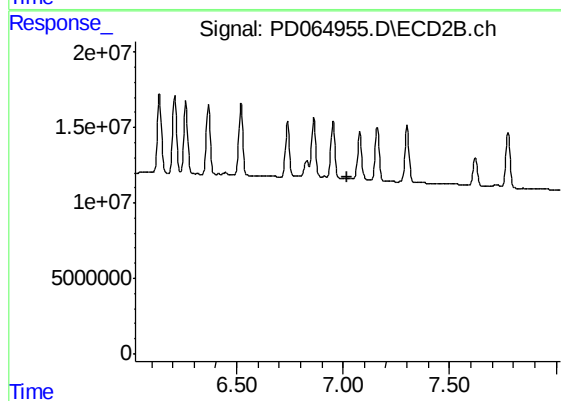
#26 Chlordane-4

R.T.: 6.209 min
Delta R.T.: -0.001 min
Response: 67133570
Conc: 17.26 ng/ml



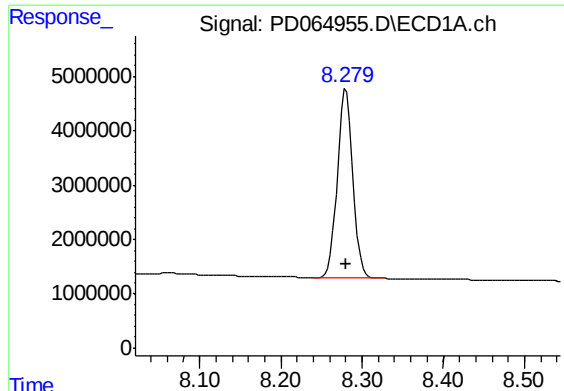
#27 Chlordane-5

R.T.: 6.350 min
Delta R.T.: -0.009 min
Response: 5335751
Conc: 56.82 ng/ml



#27 Chlordane-5

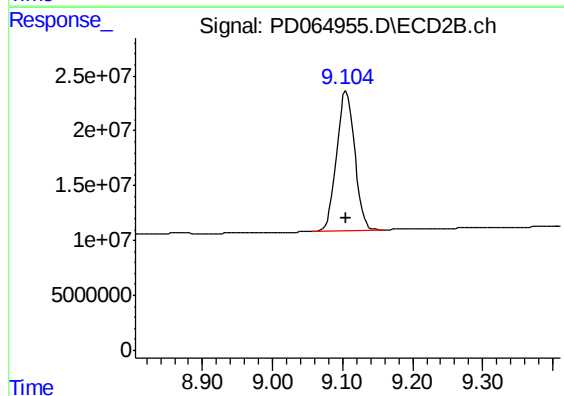
R.T.: 0.000 min
Exp R.T. : 7.022 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.280 min
Delta R.T.: 0.000 min
Response: 46544477
Conc: 18.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



#28 Decachlorobiphenyl

R.T.: 9.105 min
Delta R.T.: 0.000 min
Response: 226970275
Conc: 20.42 ng/ml