

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040919\
 Data File : PR037026.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2019 19:08
 Operator : SM\SJ
 Sample : K1560-07
 Misc : AR1660 LOD 40PPB
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 03:49:26 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040219.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 03 03:09:33 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.399	3.475	32001257	137.9E6	20.087	23.541
2)	SA Decachlor...	10.036	8.321	43784423	199.6E6	23.370	25.007
Target Compounds							
3)	L1 AR-1016-1	5.556	4.518	2981144	10656956	45.993	44.129
4)	L1 AR-1016-2	5.578	4.535	4445567	17017040	42.282	43.588
5)	L1 AR-1016-3	5.578	4.706	4445567	9647954	70.401	49.462 #
6)	L1 AR-1016-4	0.000	4.747	0	7119856	N.D.	46.886 #
7)	L1 AR-1016-5	0.000	4.953	0	9098330	N.D.	43.779 #
9)	L2 AR-1221-2	0.000	3.763	0	2576582	N.D.	56.977 #
10)	L2 AR-1221-3	0.000	3.834	0	4905895	N.D.	32.587 #
11)	L3 AR-1232-1	0.000	3.834	0	4905895	N.D.	51.888 #
12)	L3 AR-1232-2	0.000	4.535	0	17017040	N.D.	142.468 #
13)	L3 AR-1232-3	5.578	4.706	4445567	9647954	140.644	167.917
14)	L3 AR-1232-4	0.000	4.786	0	8472311	N.D.	171.272 #
15)	L3 AR-1232-5	0.000	4.953	0	9098330	N.D.	158.750 #
16)	L4 AR-1242-1	5.556	4.518	2981144	10656956	94.924	93.264
17)	L4 AR-1242-2	5.578	4.535	4445567	17017040	86.018	89.475
18)	L4 AR-1242-3	5.578	4.706	4445567	9647954	139.380	100.907 #
19)	L4 AR-1242-4	0.000	4.786	0	8472311	N.D.	93.836 #
20)	L4 AR-1242-5	0.000	5.295	0	8736006	N.D.	63.279 #
21)	L5 AR-1248-1	5.556	4.518	2981144	10656956	115.643	109.737
22)	L5 AR-1248-2	0.000	4.747	0	7119856	N.D.	52.725 #
23)	L5 AR-1248-3	0.000	4.786	0	8472311	N.D.	60.876 #
24)	L5 AR-1248-4	0.000	4.953	0	9098330	N.D.	51.589 #
25)	L5 AR-1248-5	0.000	5.295	0	8736006	N.D.	44.936 #
26)	L6 AR-1254-1	0.000	5.295	0	8736006	N.D.	26.562 #
27)	L6 AR-1254-2	0.000	5.439	0	7908439	N.D.	26.713 #
28)	L6 AR-1254-3	0.000	5.845	0	15771841	N.D.	31.003 #
29)	L6 AR-1254-4	0.000	6.086	0	6596860	N.D.	17.214 #
30)	L6 AR-1254-5	7.681	6.465	7766895	33303435	76.024	65.503
31)	L7 AR-1260-1	7.142	5.958	5455394	22271718	53.527	50.921
32)	L7 AR-1260-2	7.398	6.144	6075060	34244668	49.509	52.356
33)	L7 AR-1260-3	7.754	6.293	4349374	30035596	45.309	56.790 #
34)	L7 AR-1260-4	7.979	6.756	6381984	24709601	57.593	52.986
35)	L7 AR-1260-5	8.293	6.997	10265088	60986158	47.117	45.803
36)	L8 AR-1262-1	7.754	6.554	4349374	14564901	37.090	53.134 #
37)	L8 AR-1262-2	8.293	6.997	10265088	60986158	47.602	44.495
38)	L8 AR-1262-3	8.613	7.273	6370204	19215203	43.610	35.201
39)	L8 AR-1262-4	0.000	7.338	0	44445729	N.D.	48.384 #
40)	L8 AR-1262-5	0.000	7.829	0	16667373	N.D.	41.495 #
41)	L9 AR-1268-1	8.613	7.273	6370204	19215203	27.243	12.983 #
42)	L9 AR-1268-2	0.000	7.338	0	44445729	N.D.	35.403 #

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 ALS Vial : 31 Sample Multiplier: 1

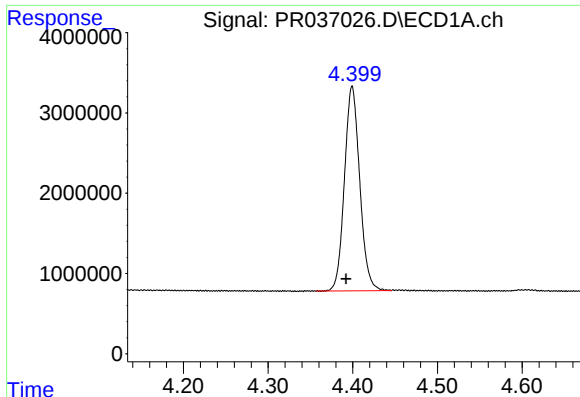
Instrument :
 ECD_R
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	0.000	7.829	0	16667373	N.D.	38.370 #
45) L9	AR-1268-5	0.000	8.097	0	5007591	N.D.	1.659 #

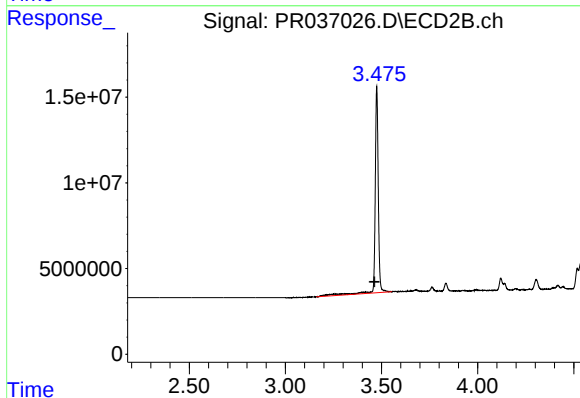
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

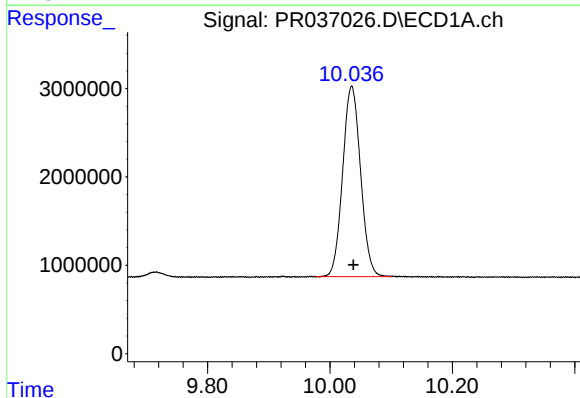
R.T.: 4.399 min
Delta R.T.: 0.007 min
Response: 32001257
Conc: 20.09 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



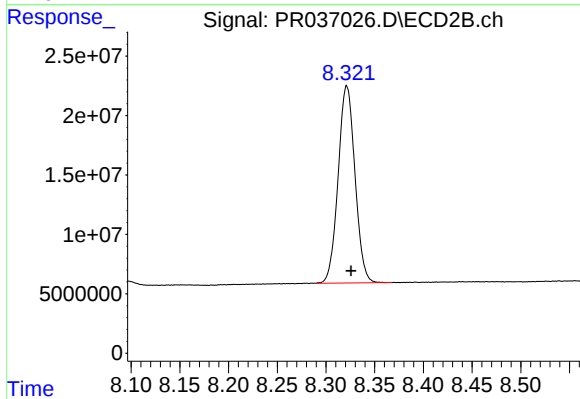
#1 Tetrachloro-m-xylene

R.T.: 3.475 min
Delta R.T.: 0.012 min
Response: 137902675
Conc: 23.54 ng/ml



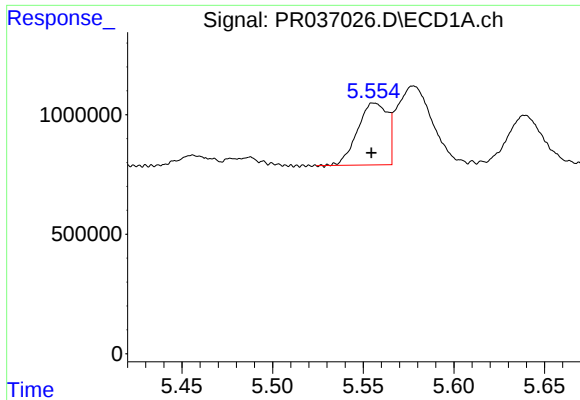
#2 Decachlorobiphenyl

R.T.: 10.036 min
Delta R.T.: -0.003 min
Response: 43784423
Conc: 23.37 ng/ml



#2 Decachlorobiphenyl

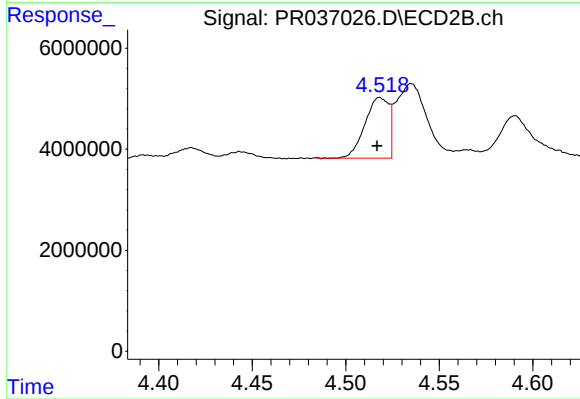
R.T.: 8.321 min
Delta R.T.: -0.004 min
Response: 199613715
Conc: 25.01 ng/ml



#3 AR-1016-1

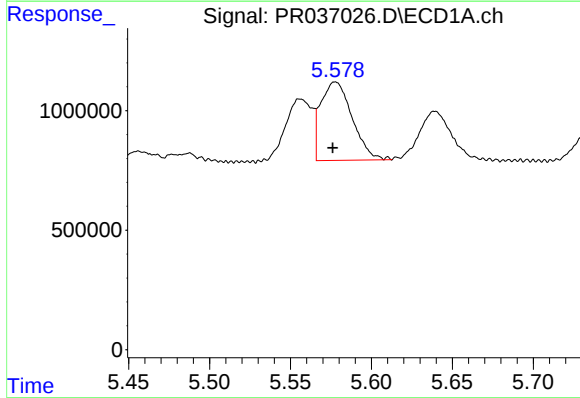
R.T.: 5.556 min
Delta R.T.: 0.002 min
Response: 2981144
Conc: 45.99 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



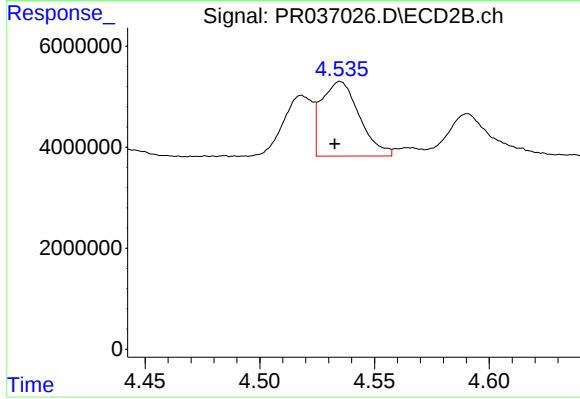
#3 AR-1016-1

R.T.: 4.518 min
Delta R.T.: 0.002 min
Response: 10656956
Conc: 44.13 ng/ml



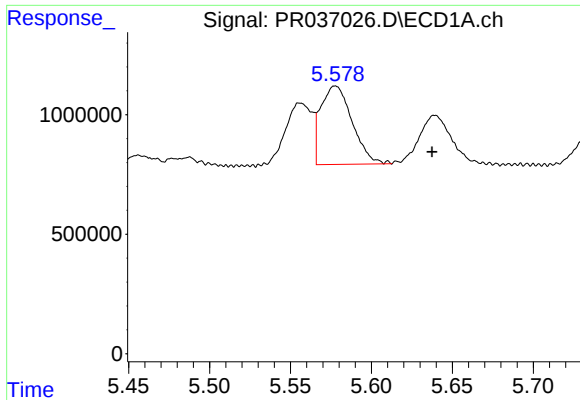
#4 AR-1016-2

R.T.: 5.578 min
Delta R.T.: 0.002 min
Response: 4445567
Conc: 42.28 ng/ml



#4 AR-1016-2

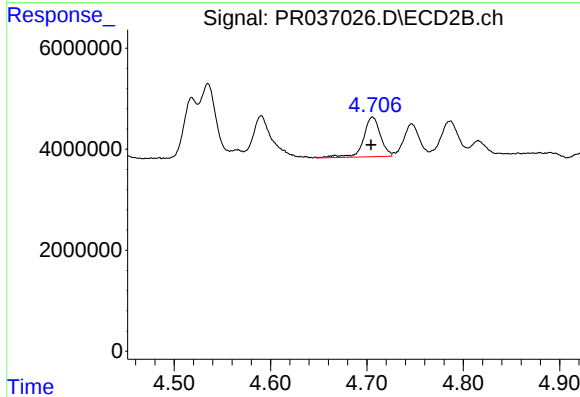
R.T.: 4.535 min
Delta R.T.: 0.002 min
Response: 17017040
Conc: 43.59 ng/ml



#5 AR-1016-3

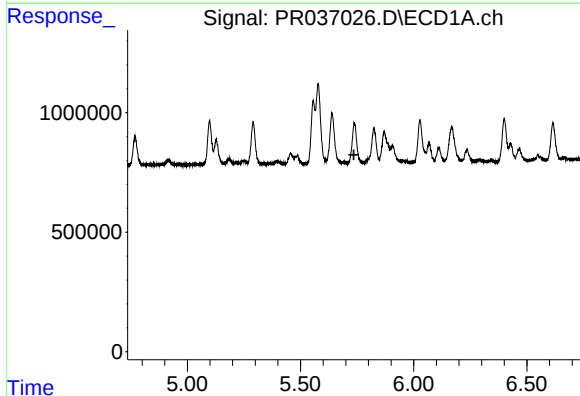
R.T.: 5.578 min
Delta R.T.: -0.060 min
Response: 4445567
Conc: 70.40 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



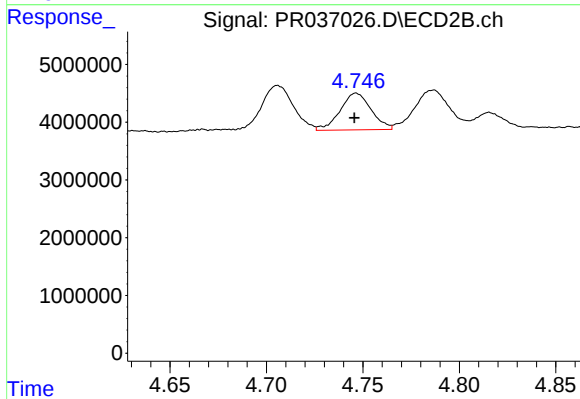
#5 AR-1016-3

R.T.: 4.706 min
Delta R.T.: 0.002 min
Response: 9647954
Conc: 49.46 ng/ml



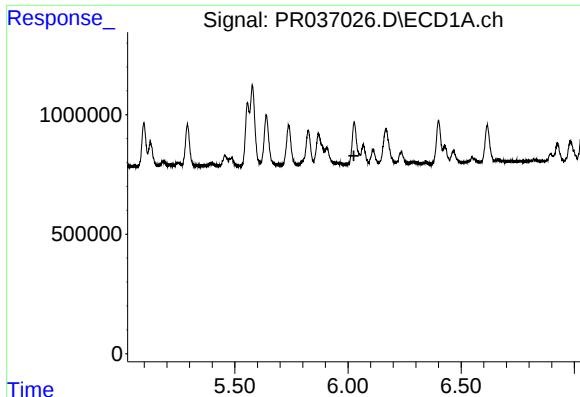
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.736 min
Response: 0
Conc: N.D.



#6 AR-1016-4

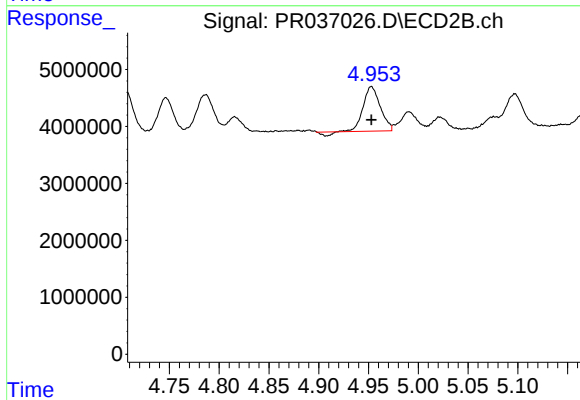
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 7119856
Conc: 46.89 ng/ml



#7 AR-1016-5

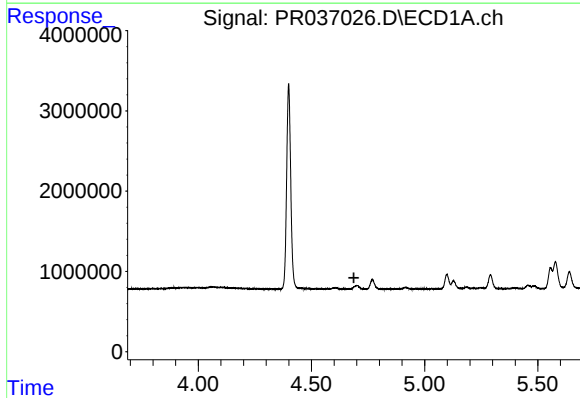
R.T.: 0.000 min
Exp R.T.: 6.026 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



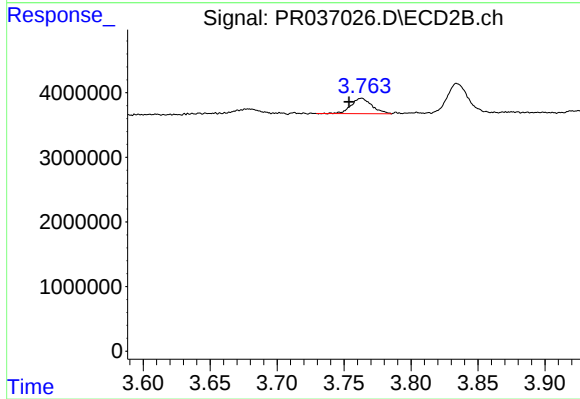
#7 AR-1016-5

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 9098330
Conc: 43.78 ng/ml



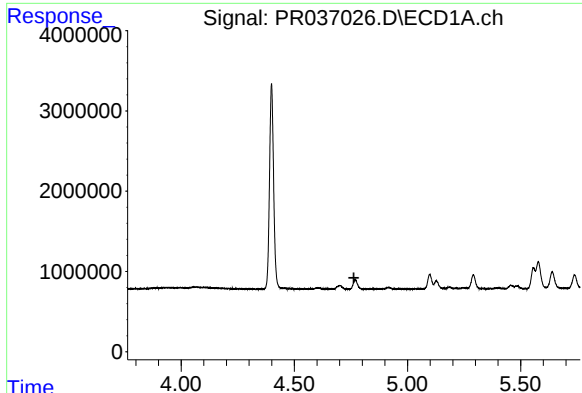
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T.: 4.688 min
Response: 0
Conc: N.D.



#9 AR-1221-2

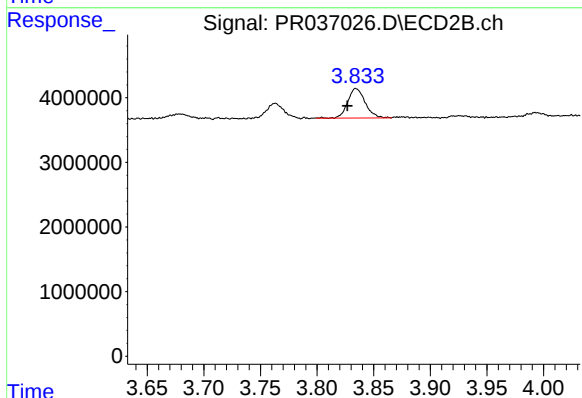
R.T.: 3.763 min
Delta R.T.: 0.009 min
Response: 2576582
Conc: 56.98 ng/ml



#10 AR-1221-3

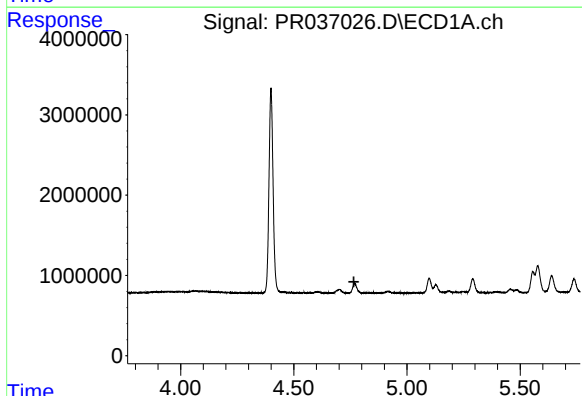
R.T.: 0.000 min
Exp R.T.: 4.763 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



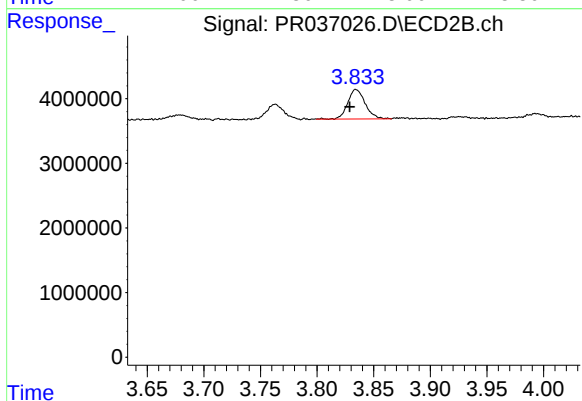
#10 AR-1221-3

R.T.: 3.834 min
Delta R.T.: 0.008 min
Response: 4905895
Conc: 32.59 ng/ml



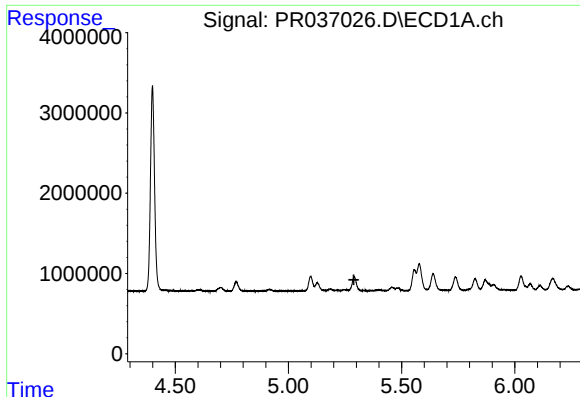
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 4.766 min
Response: 0
Conc: N.D.



#11 AR-1232-1

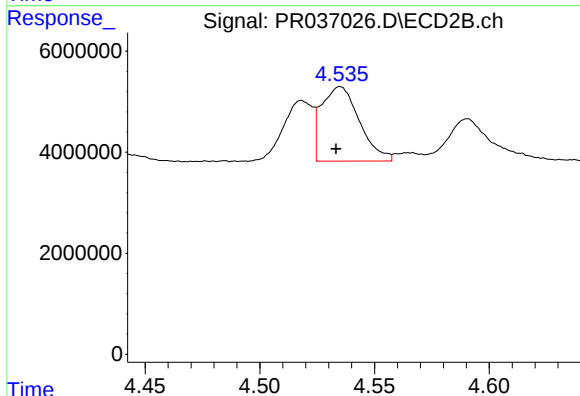
R.T.: 3.834 min
Delta R.T.: 0.005 min
Response: 4905895
Conc: 51.89 ng/ml



#12 AR-1232-2

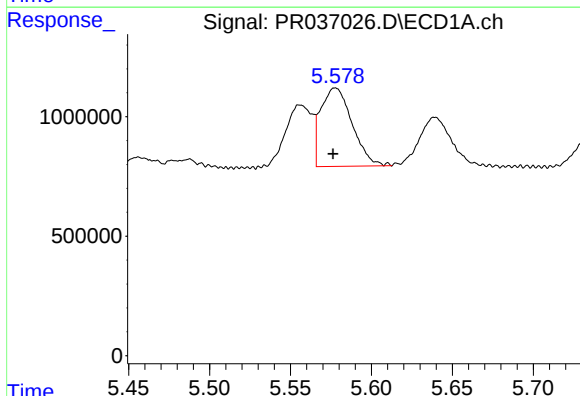
R.T.: 0.000 min
Exp R.T.: 5.289 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



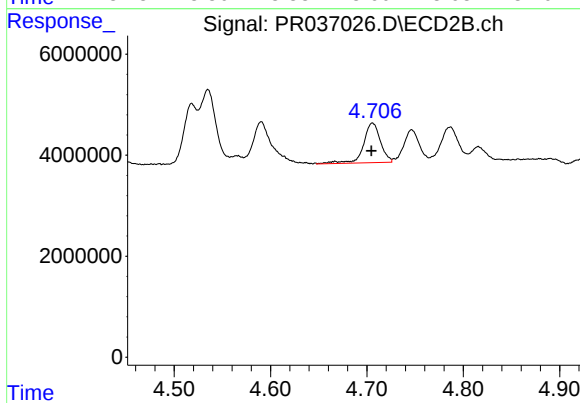
#12 AR-1232-2

R.T.: 4.535 min
Delta R.T.: 0.002 min
Response: 17017040
Conc: 142.47 ng/ml



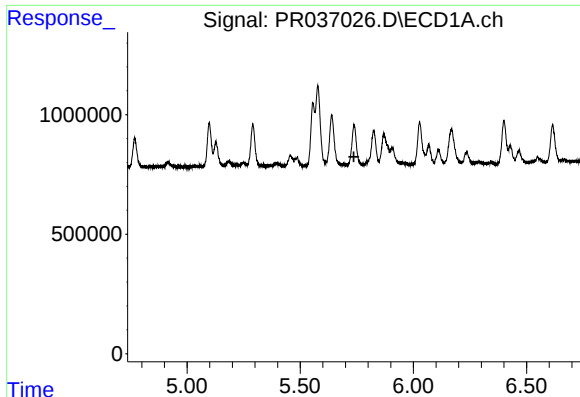
#13 AR-1232-3

R.T.: 5.578 min
Delta R.T.: 0.001 min
Response: 4445567
Conc: 140.64 ng/ml



#13 AR-1232-3

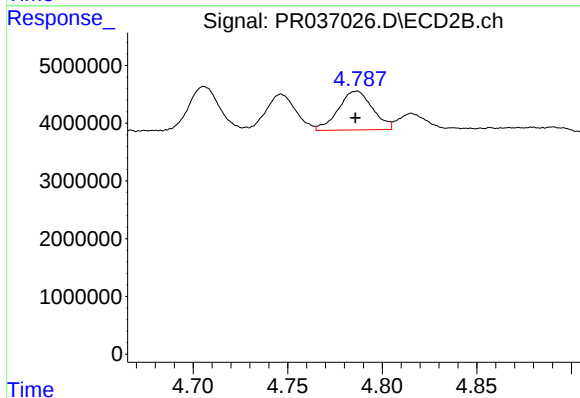
R.T.: 4.706 min
Delta R.T.: 0.001 min
Response: 9647954
Conc: 167.92 ng/ml



#14 AR-1232-4

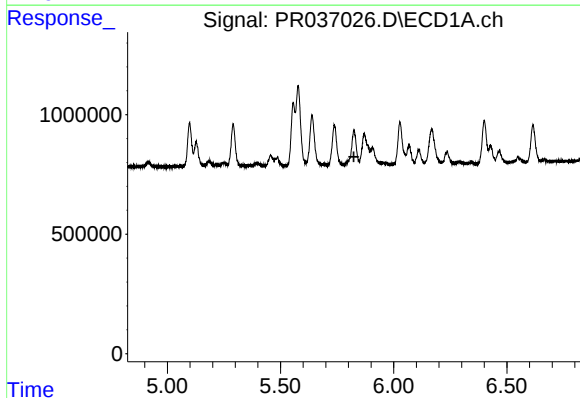
R.T.: 0.000 min
Exp R.T.: 5.737 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



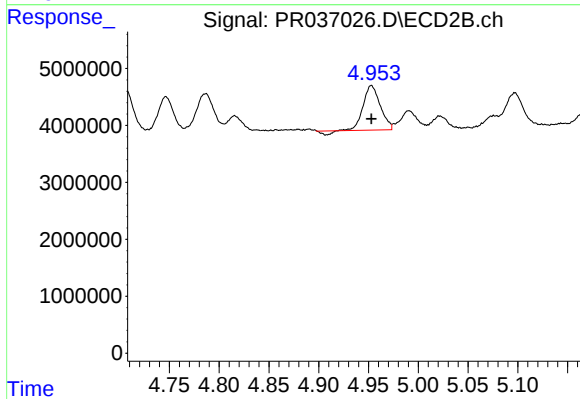
#14 AR-1232-4

R.T.: 4.786 min
Delta R.T.: 0.000 min
Response: 8472311
Conc: 171.27 ng/ml



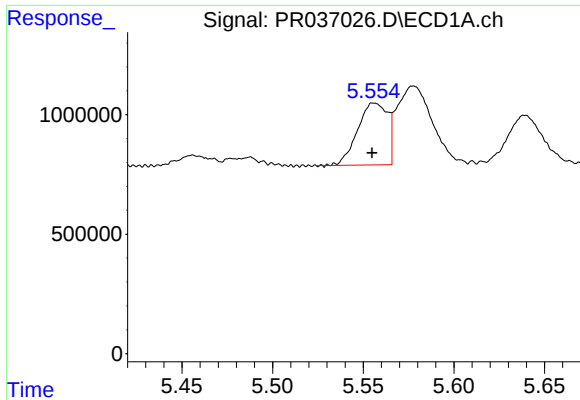
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 5.824 min
Response: 0
Conc: N.D.



#15 AR-1232-5

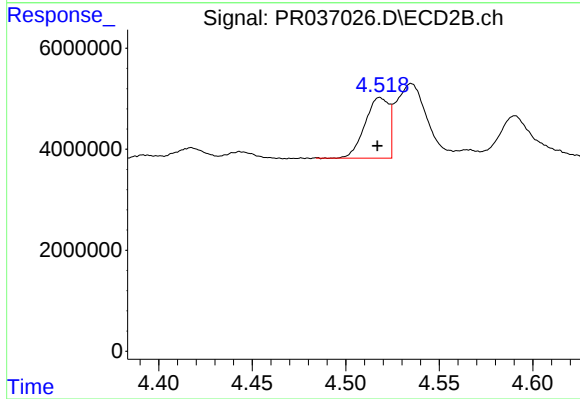
R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 9098330
Conc: 158.75 ng/ml



#16 AR-1242-1

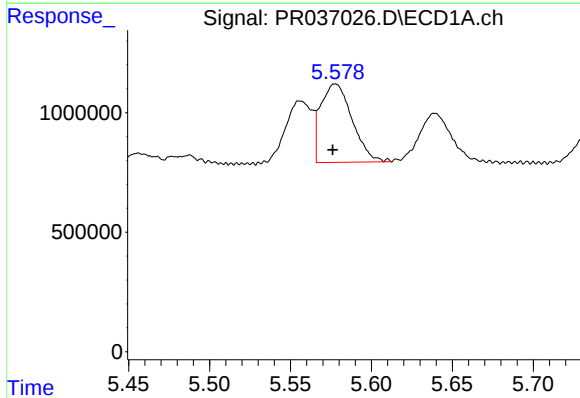
R.T.: 5.556 min
Delta R.T.: 0.001 min
Response: 2981144
Conc: 94.92 ng/ml

Instrument :
ECD_R
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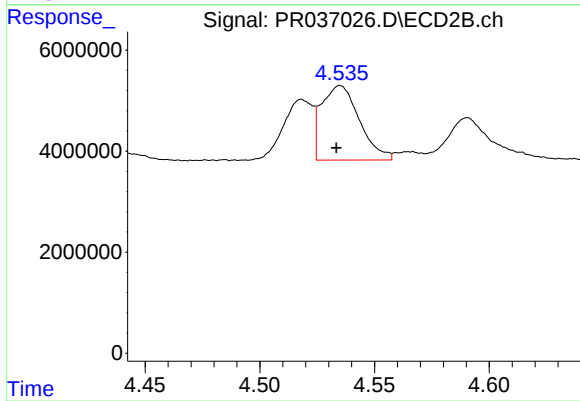
#16 AR-1242-1

R.T.: 4.518 min
Delta R.T.: 0.001 min
Response: 10656956
Conc: 93.26 ng/ml



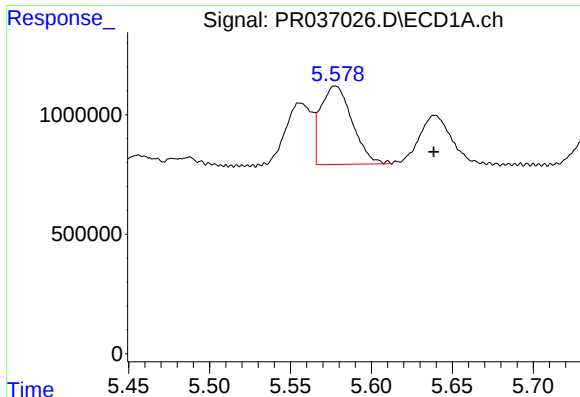
#17 AR-1242-2

R.T.: 5.578 min
Delta R.T.: 0.002 min
Response: 4445567
Conc: 86.02 ng/ml



#17 AR-1242-2

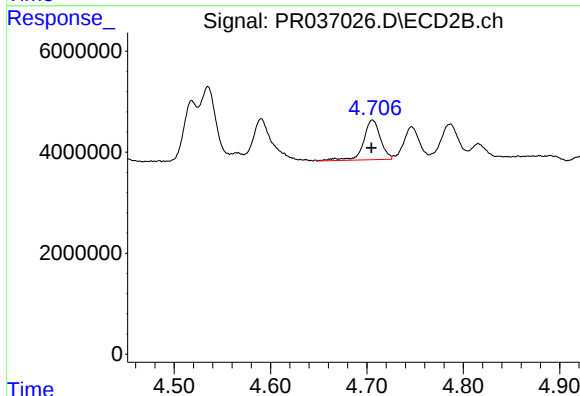
R.T.: 4.535 min
Delta R.T.: 0.002 min
Response: 17017040
Conc: 89.47 ng/ml



#18 AR-1242-3

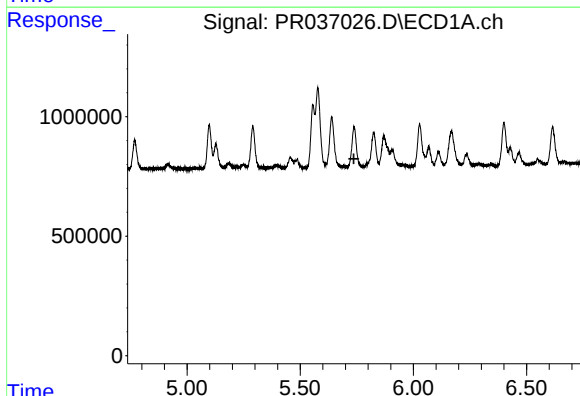
R.T.: 5.578 min
Delta R.T.: -0.061 min
Response: 4445567
Conc: 139.38 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



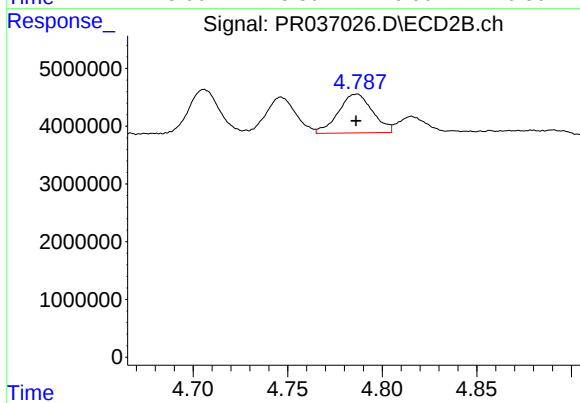
#18 AR-1242-3

R.T.: 4.706 min
Delta R.T.: 0.001 min
Response: 9647954
Conc: 100.91 ng/ml



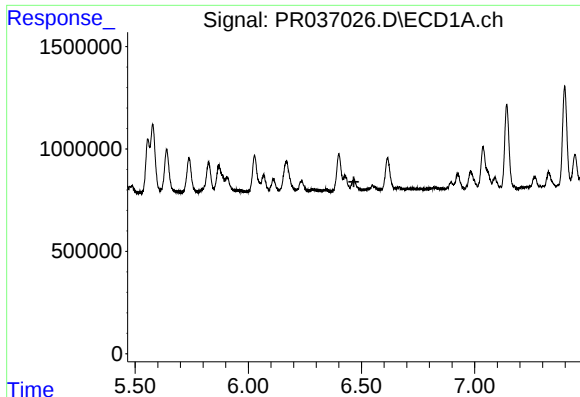
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.737 min
Response: 0
Conc: N.D.



#19 AR-1242-4

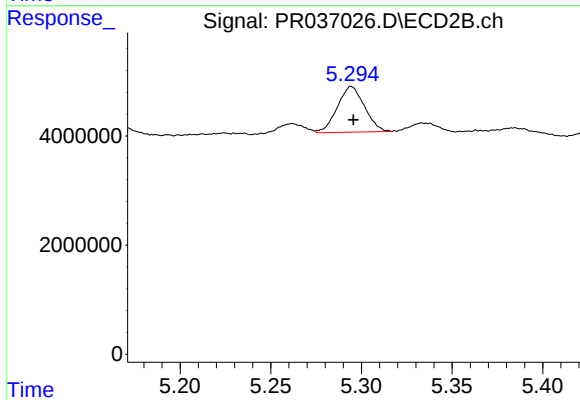
R.T.: 4.786 min
Delta R.T.: 0.000 min
Response: 8472311
Conc: 93.84 ng/ml



#20 AR-1242-5

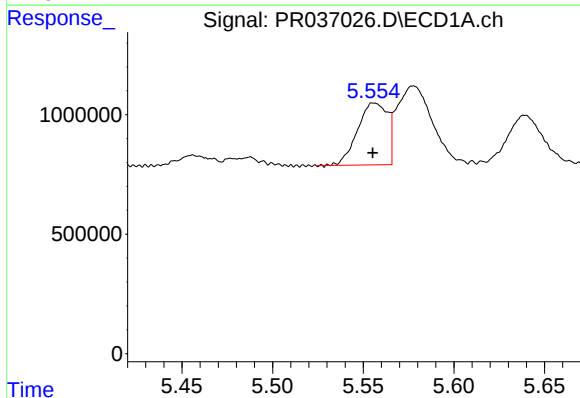
R.T.: 0.000 min
Exp R.T.: 6.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



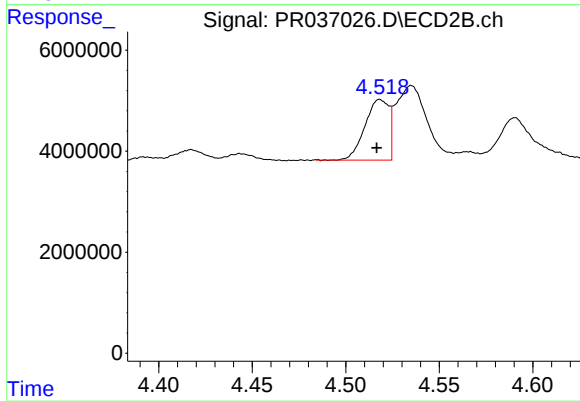
#20 AR-1242-5

R.T.: 5.295 min
Delta R.T.: 0.000 min
Response: 8736006
Conc: 63.28 ng/ml



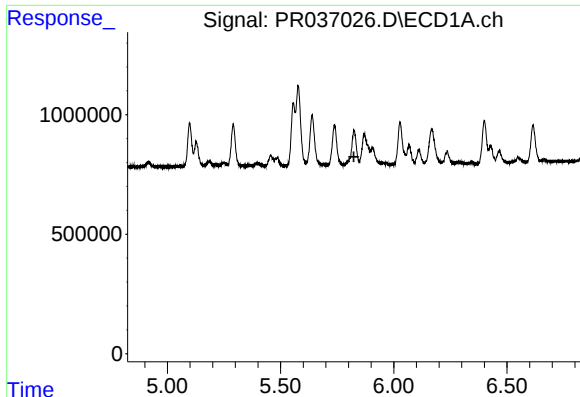
#21 AR-1248-1

R.T.: 5.556 min
Delta R.T.: 0.000 min
Response: 2981144
Conc: 115.64 ng/ml



#21 AR-1248-1

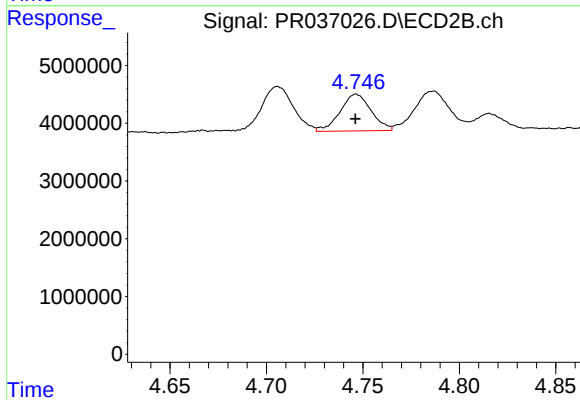
R.T.: 4.518 min
Delta R.T.: 0.002 min
Response: 10656956
Conc: 109.74 ng/ml



#22 AR-1248-2

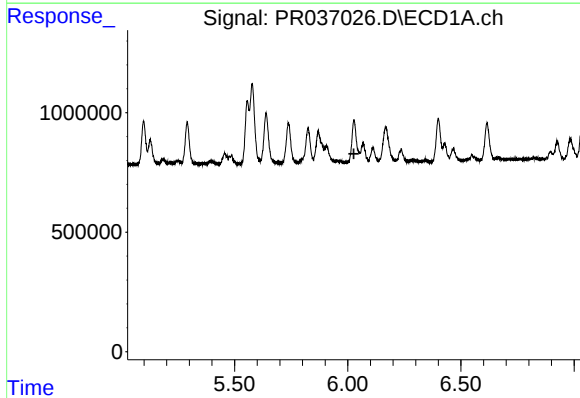
R.T.: 0.000 min
Exp R.T.: 5.824 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



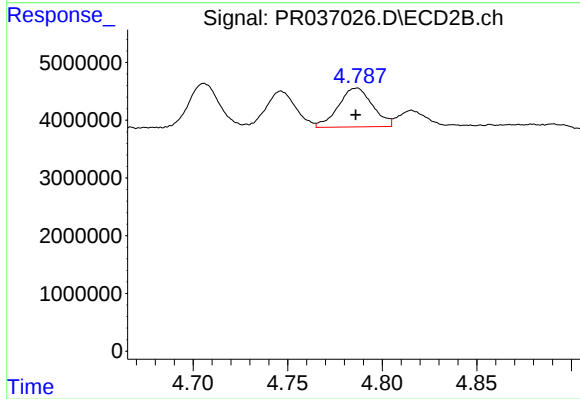
#22 AR-1248-2

R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 7119856
Conc: 52.73 ng/ml



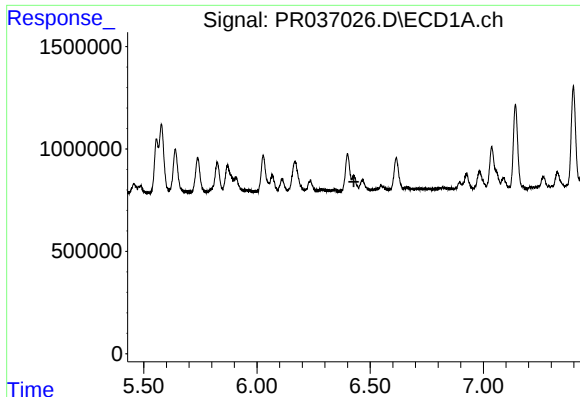
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T.: 6.027 min
Response: 0
Conc: N.D.



#23 AR-1248-3

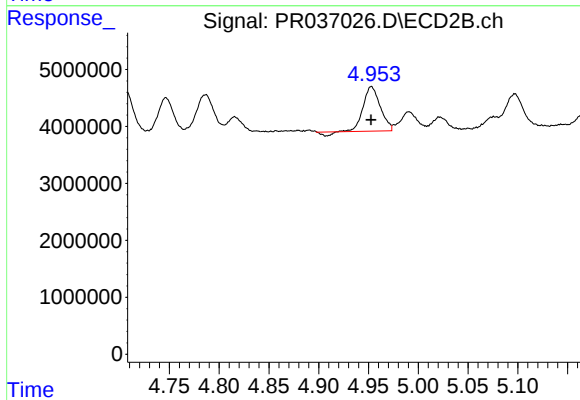
R.T.: 4.786 min
Delta R.T.: 0.000 min
Response: 8472311
Conc: 60.88 ng/ml



#24 AR-1248-4

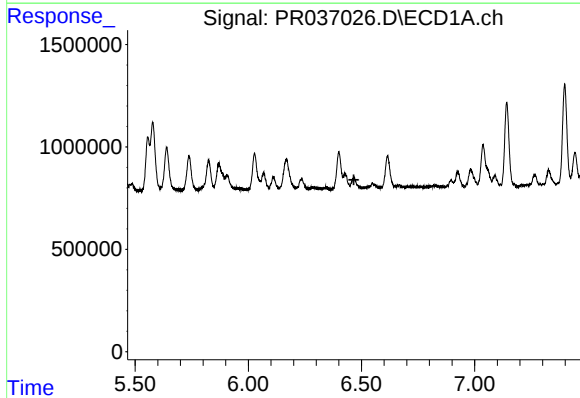
R.T.: 0.000 min
Exp R.T.: 6.428 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



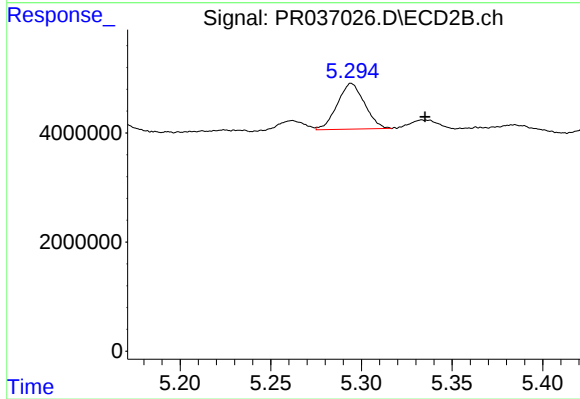
#24 AR-1248-4

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 9098330
Conc: 51.59 ng/ml



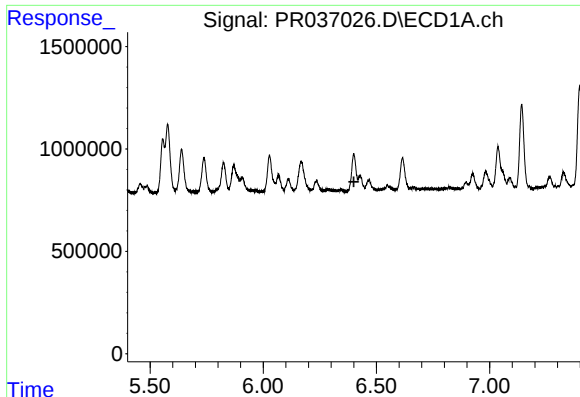
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T.: 6.467 min
Response: 0
Conc: N.D.



#25 AR-1248-5

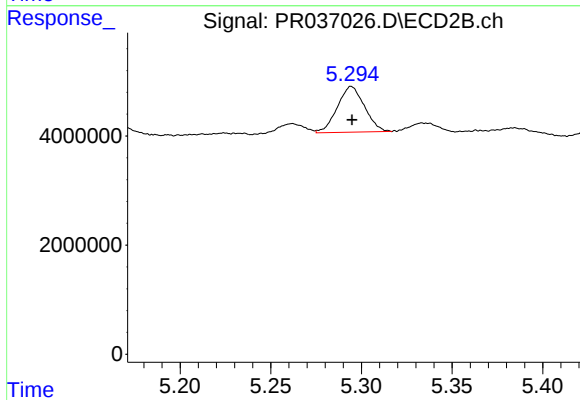
R.T.: 5.295 min
Delta R.T.: -0.041 min
Response: 8736006
Conc: 44.94 ng/ml



#26 AR-1254-1

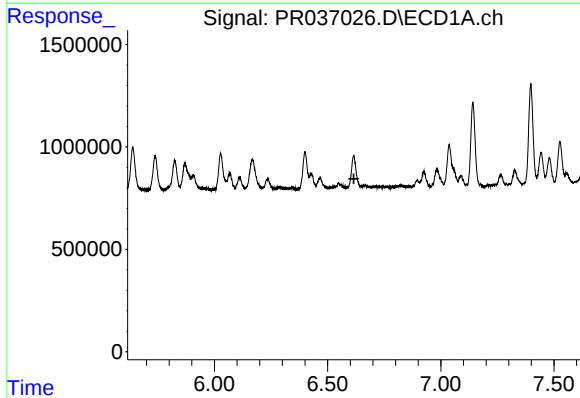
R.T.: 0.000 min
Exp R.T.: 6.400 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



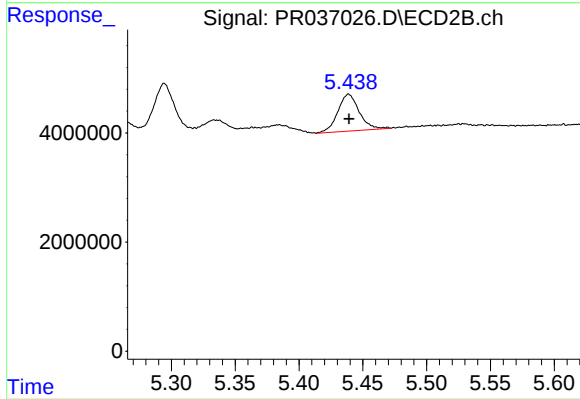
#26 AR-1254-1

R.T.: 5.295 min
Delta R.T.: 0.000 min
Response: 8736006
Conc: 26.56 ng/ml



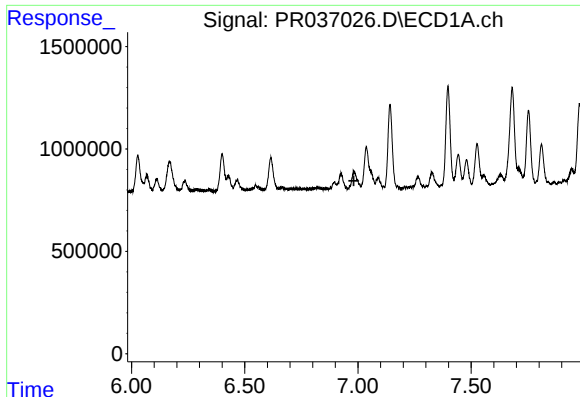
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T.: 6.616 min
Response: 0
Conc: N.D.



#27 AR-1254-2

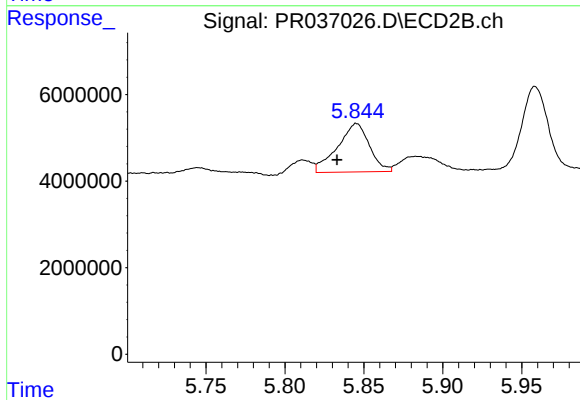
R.T.: 5.439 min
Delta R.T.: 0.000 min
Response: 7908439
Conc: 26.71 ng/ml



#28 AR-1254-3

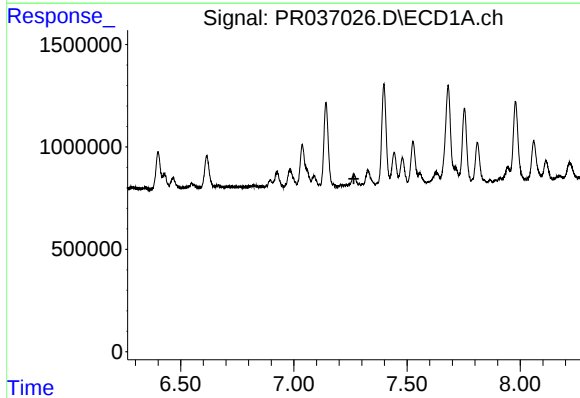
R.T.: 0.000 min
Exp R.T.: 6.982 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



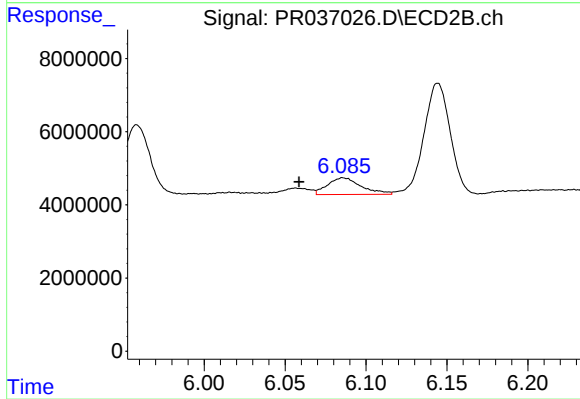
#28 AR-1254-3

R.T.: 5.845 min
Delta R.T.: 0.012 min
Response: 15771841
Conc: 31.00 ng/ml



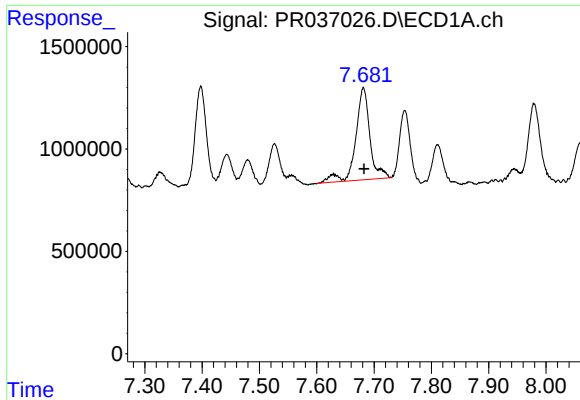
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T.: 7.265 min
Response: 0
Conc: N.D.



#29 AR-1254-4

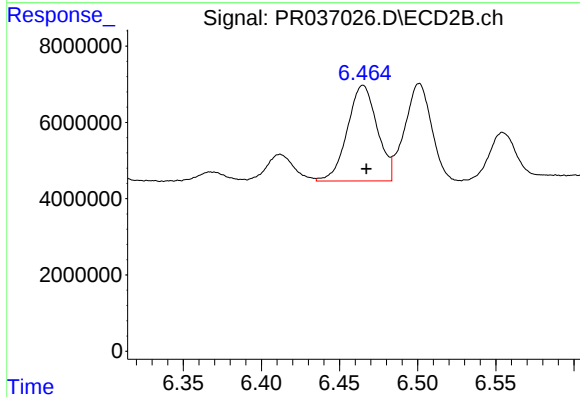
R.T.: 6.086 min
Delta R.T.: 0.027 min
Response: 6596860
Conc: 17.21 ng/ml



#30 AR-1254-5

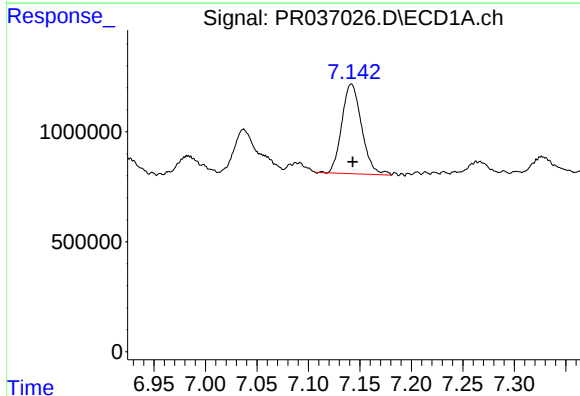
R.T.: 7.681 min
Delta R.T.: 0.000 min
Response: 7766895
Conc: 76.02 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



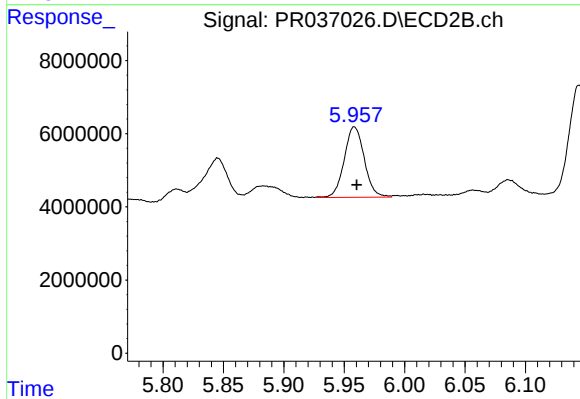
#30 AR-1254-5

R.T.: 6.465 min
Delta R.T.: -0.002 min
Response: 33303435
Conc: 65.50 ng/ml



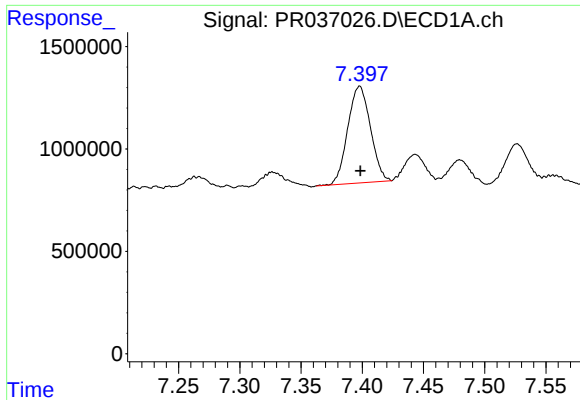
#31 AR-1260-1

R.T.: 7.142 min
Delta R.T.: -0.001 min
Response: 5455394
Conc: 53.53 ng/ml



#31 AR-1260-1

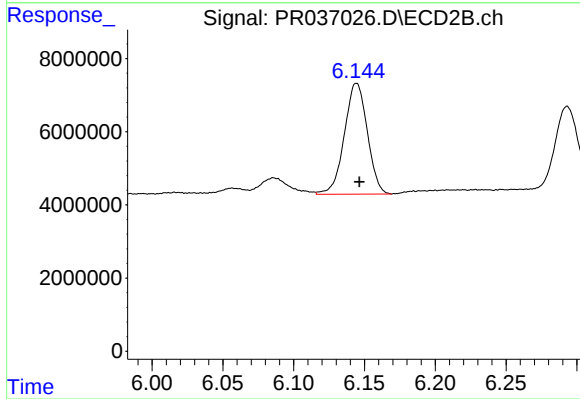
R.T.: 5.958 min
Delta R.T.: -0.002 min
Response: 22271718
Conc: 50.92 ng/ml



#32 AR-1260-2

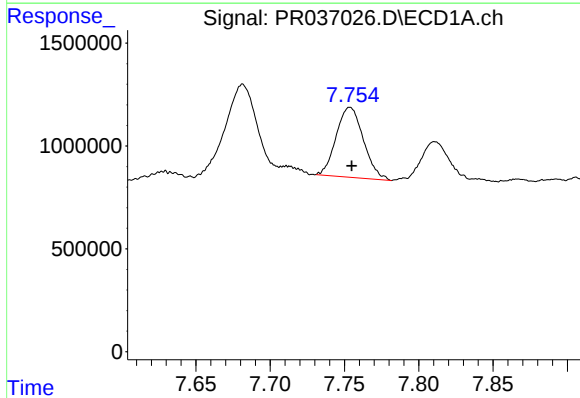
R.T.: 7.398 min
Delta R.T.: 0.000 min
Response: 6075060
Conc: 49.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



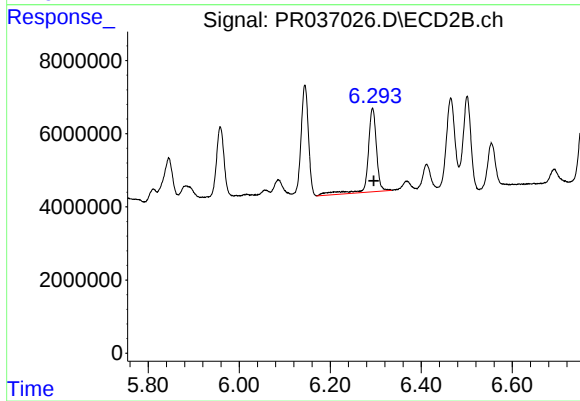
#32 AR-1260-2

R.T.: 6.144 min
Delta R.T.: -0.002 min
Response: 34244668
Conc: 52.36 ng/ml



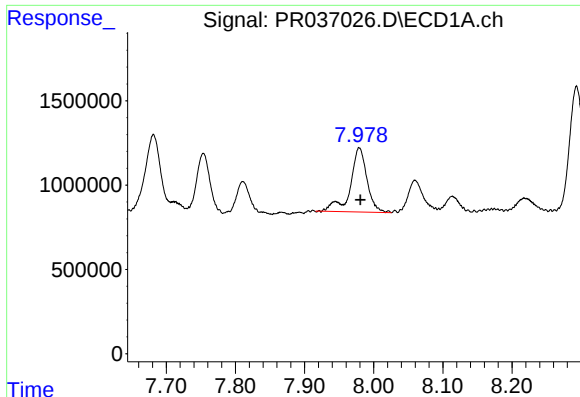
#33 AR-1260-3

R.T.: 7.754 min
Delta R.T.: -0.001 min
Response: 4349374
Conc: 45.31 ng/ml



#33 AR-1260-3

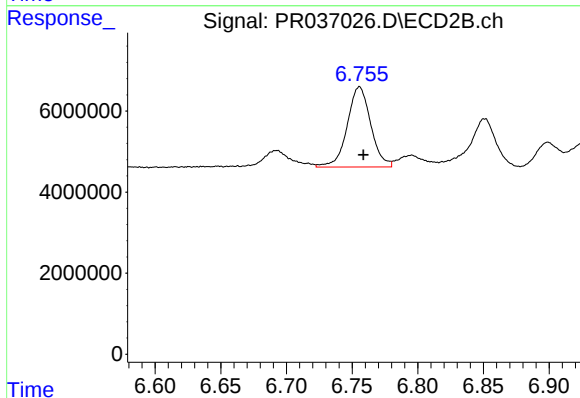
R.T.: 6.293 min
Delta R.T.: -0.003 min
Response: 30035596
Conc: 56.79 ng/ml



#34 AR-1260-4

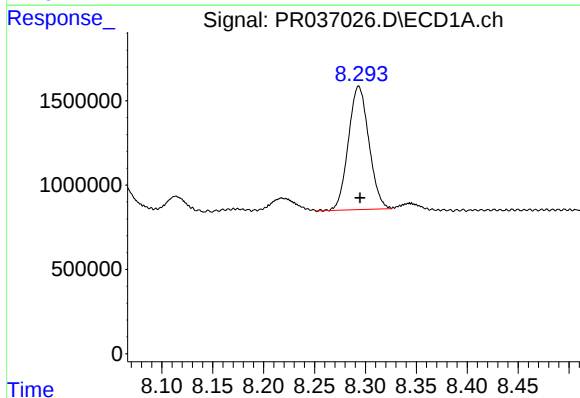
R.T.: 7.979 min
Delta R.T.: -0.002 min
Response: 6381984
Conc: 57.59 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



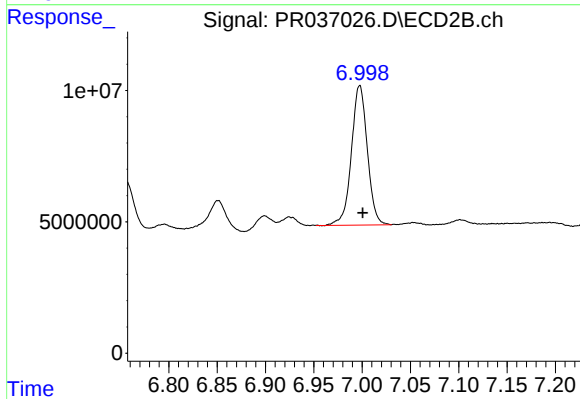
#34 AR-1260-4

R.T.: 6.756 min
Delta R.T.: -0.003 min
Response: 24709601
Conc: 52.99 ng/ml



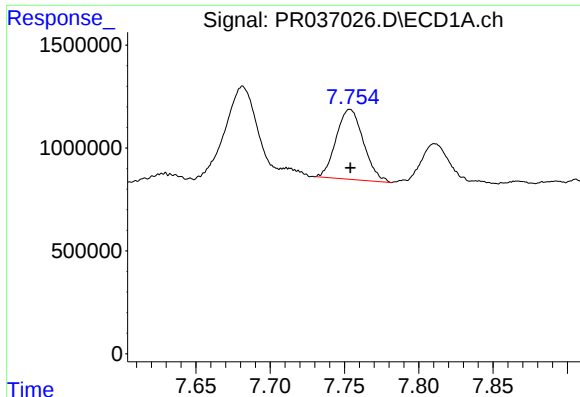
#35 AR-1260-5

R.T.: 8.293 min
Delta R.T.: -0.001 min
Response: 10265088
Conc: 47.12 ng/ml



#35 AR-1260-5

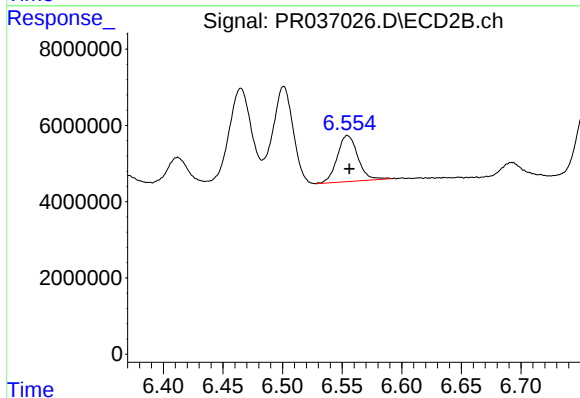
R.T.: 6.997 min
Delta R.T.: -0.003 min
Response: 60986158
Conc: 45.80 ng/ml



#36 AR-1262-1

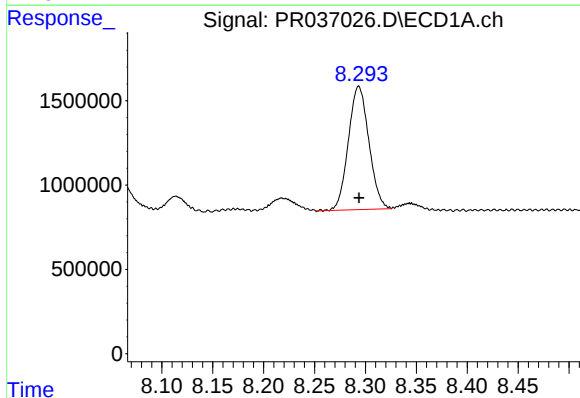
R.T.: 7.754 min
Delta R.T.: 0.000 min
Response: 4349374
Conc: 37.09 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



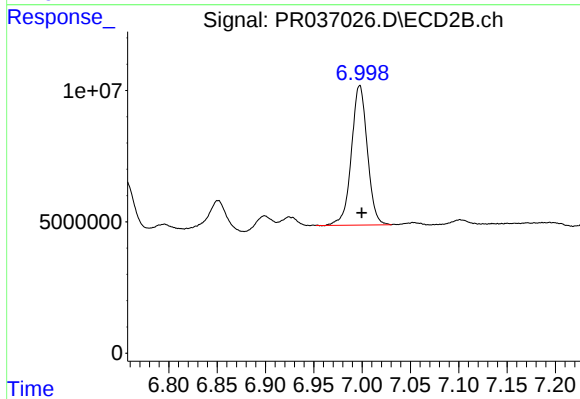
#36 AR-1262-1

R.T.: 6.554 min
Delta R.T.: -0.001 min
Response: 14564901
Conc: 53.13 ng/ml



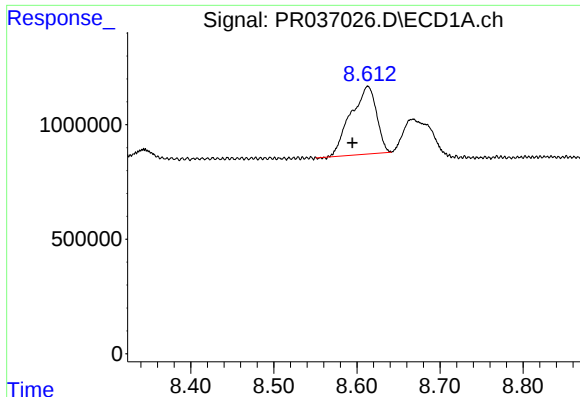
#37 AR-1262-2

R.T.: 8.293 min
Delta R.T.: 0.000 min
Response: 10265088
Conc: 47.60 ng/ml



#37 AR-1262-2

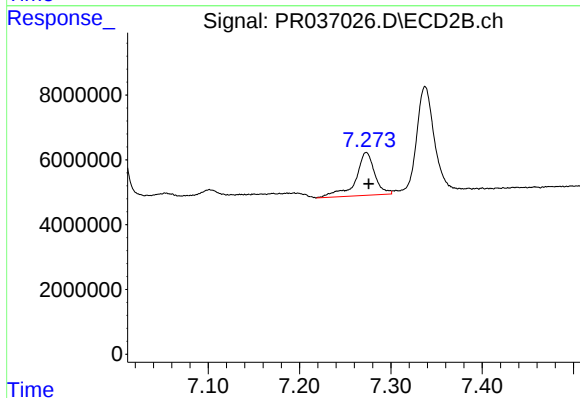
R.T.: 6.997 min
Delta R.T.: -0.002 min
Response: 60986158
Conc: 44.50 ng/ml



#38 AR-1262-3

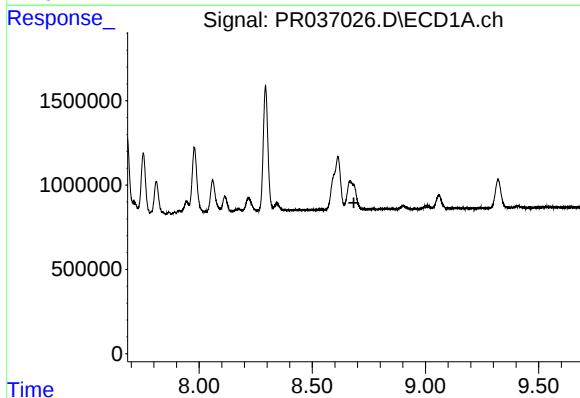
R.T.: 8.613 min
Delta R.T.: 0.019 min
Response: 6370204
Conc: 43.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



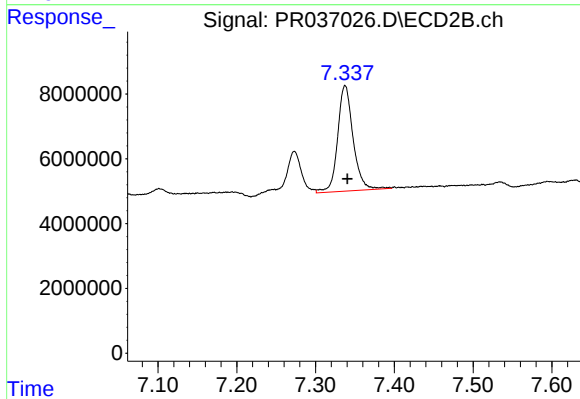
#38 AR-1262-3

R.T.: 7.273 min
Delta R.T.: -0.003 min
Response: 19215203
Conc: 35.20 ng/ml



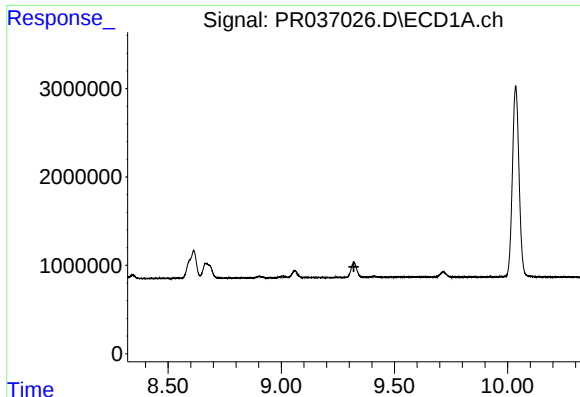
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.684 min
Response: 0
Conc: N.D.



#39 AR-1262-4

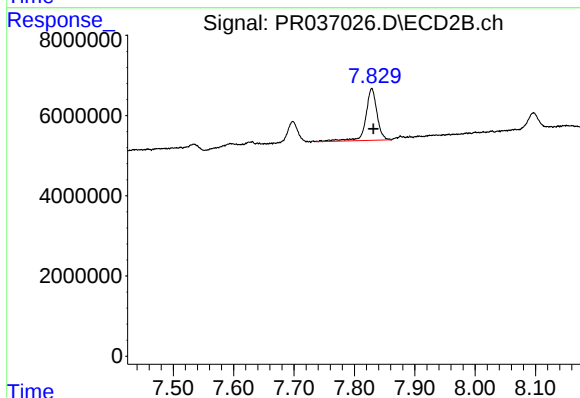
R.T.: 7.338 min
Delta R.T.: -0.003 min
Response: 44445729
Conc: 48.38 ng/ml



#40 AR-1262-5

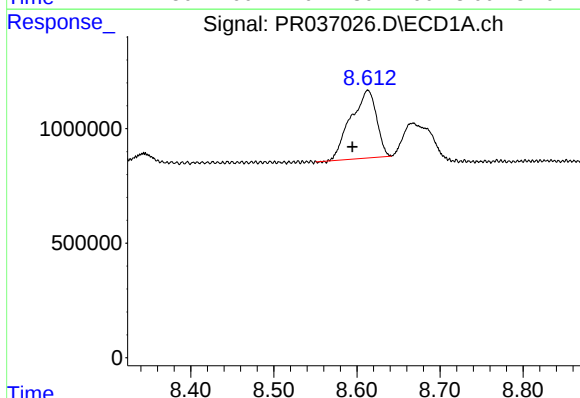
R.T.: 0.000 min
Exp R.T.: 9.321 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



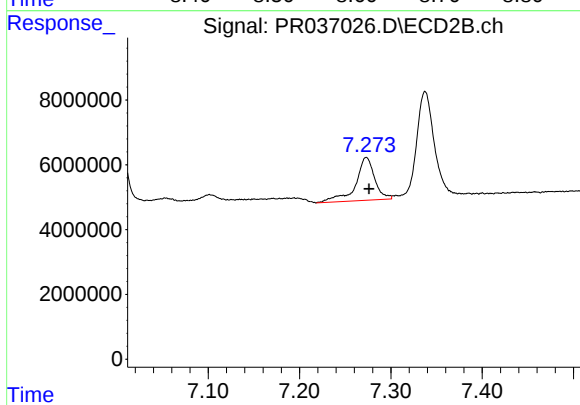
#40 AR-1262-5

R.T.: 7.829 min
Delta R.T.: -0.002 min
Response: 16667373
Conc: 41.49 ng/ml



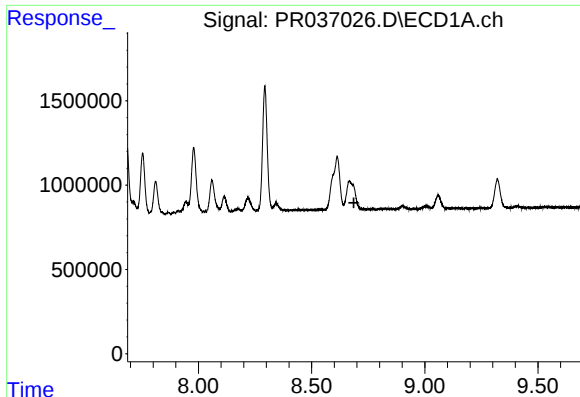
#41 AR-1268-1

R.T.: 8.613 min
Delta R.T.: 0.019 min
Response: 6370204
Conc: 27.24 ng/ml



#41 AR-1268-1

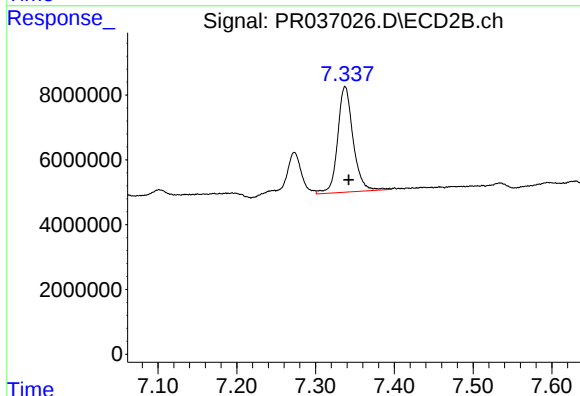
R.T.: 7.273 min
Delta R.T.: -0.003 min
Response: 19215203
Conc: 12.98 ng/ml



#42 AR-1268-2

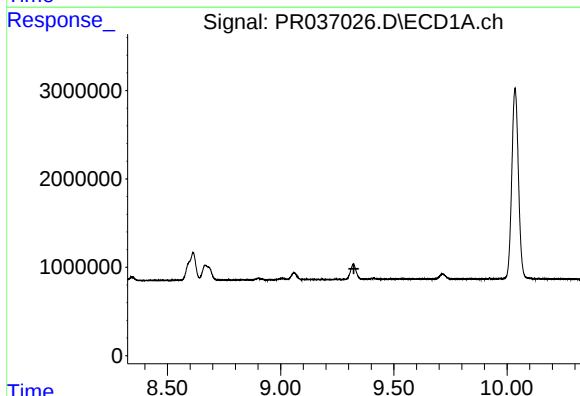
R.T.: 0.000 min
Exp R.T.: 8.687 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



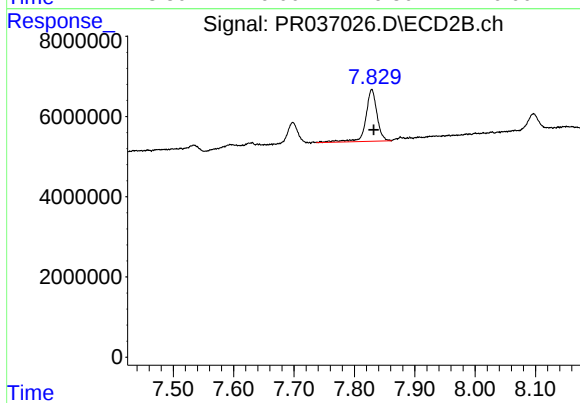
#42 AR-1268-2

R.T.: 7.338 min
Delta R.T.: -0.005 min
Response: 44445729
Conc: 35.40 ng/ml



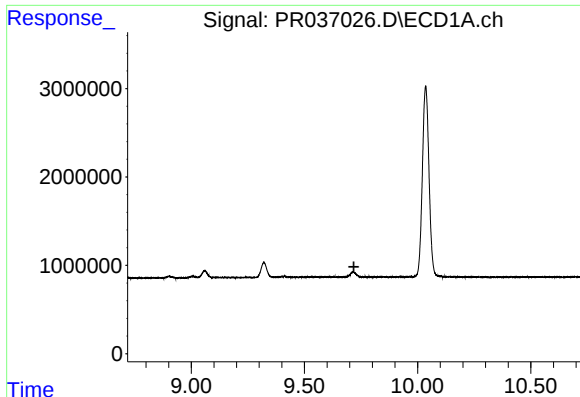
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.323 min
Response: 0
Conc: N.D.



#44 AR-1268-4

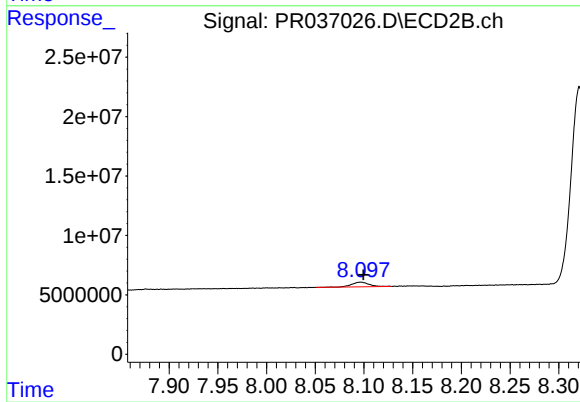
R.T.: 7.829 min
Delta R.T.: -0.003 min
Response: 16667373
Conc: 38.37 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.719 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019



#45 AR-1268-5

R.T.: 8.097 min
Delta R.T.: -0.003 min
Response: 5007591
Conc: 1.66 ng/ml