

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081519\
 Data File : PR040377.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Aug 2019 19:49
 Operator : SM\AJ
 Sample : K3591-01
 Misc : AR1660 LOD WATER 25PPB
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 16 05:14:05 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR081519.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Aug 15 15:16:04 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...	3.755	4.599	16928291	81759016	13.776	13.256
2)	SA Decachlor...	8.679	10.318	59004202	232.8E6	20.482	20.056
Target Compounds							
3)	L1 AR-1016-1	4.820	5.776	1302135	7360996	24.190	29.499
4)	L1 AR-1016-2	4.837	5.776	1788553	7360996	19.779	18.871
5)	L1 AR-1016-3	5.011	5.776	927057	7360996	20.812	30.053 #
6)	L1 AR-1016-4	5.050	0.000	797663	0	22.319	N.D. #
7)	L1 AR-1016-5	5.259	0.000	983808	0	19.593	N.D. #
12)	L3 AR-1232-2	4.837	0.000	1788553	0	28.850	N.D. #
13)	L3 AR-1232-3	5.011	5.776	927057	7360996	31.758	28.867
14)	L3 AR-1232-4	5.090	0.000	790802	0	30.390	N.D. #
15)	L3 AR-1232-5	5.259	0.000	983808	0	32.553	N.D. #
16)	L4 AR-1242-1	4.820	5.776	1302135	7360996	25.754	30.449
17)	L4 AR-1242-2	4.837	5.776	1788553	7360996	20.985	19.855
18)	L4 AR-1242-3	5.011	5.776	927057	7360996	21.811	32.381 #
19)	L4 AR-1242-4	5.090	0.000	790802	0	19.126	N.D. #
20)	L4 AR-1242-5	5.603	0.000	695534	0	11.327	N.D. #
21)	L5 AR-1248-1	4.820	5.776	1302135	7360996	34.626	43.973 #
22)	L5 AR-1248-2	5.050	0.000	797663	0	14.809	N.D. #
23)	L5 AR-1248-3	5.090	0.000	790802	0	14.136	N.D. #
24)	L5 AR-1248-4	5.259	0.000	983808	0	13.841	N.D. #
25)	L5 AR-1248-5	5.603	0.000	695534	0	8.999	N.D. #
26)	L6 AR-1254-1	5.603	0.000	695534	0	5.123	N.D. #
27)	L6 AR-1254-2	5.748	0.000	875523	0	7.339	N.D. #
28)	L6 AR-1254-3	6.157	0.000	1971162	0	9.259	N.D. #
30)	L6 AR-1254-5	6.778	7.868	3985921	15493626	19.931	25.961 #
31)	L7 AR-1260-1	6.270	7.332	2789371	10655322	24.729	25.886
32)	L7 AR-1260-2	6.455	7.584	3910444	11166816	26.904	21.972
33)	L7 AR-1260-3	6.606	7.938	3579569	10103015	26.667	24.682
34)	L7 AR-1260-4	7.071	8.167	3208271	13591970	25.802	28.504
35)	L7 AR-1260-5	7.310	8.492	8187697	24568860	25.965	23.686
36)	L8 AR-1262-1	6.867	7.938	1496699	10103015	22.002	16.899
37)	L8 AR-1262-2	7.310	8.492	8187697	24568860	23.270	20.650
38)	L8 AR-1262-3	7.587	8.828	2791184	16875077	19.948	20.849
39)	L8 AR-1262-4	7.651	8.885	6767527	10650645	25.497	17.157 #
40)	L8 AR-1262-5	8.142	9.566	2393697	8577241	18.184	18.159
41)	L9 AR-1268-1	7.587	8.828	2791184	16875077	7.586	12.894 #
42)	L9 AR-1268-2	7.651	8.885	6767527	10650645	19.753	8.554 #
44)	L9 AR-1268-4	8.142	9.566	2393697	8577241	17.684	17.486
45)	L9 AR-1268-5	8.429	0.000	938438	0	0.910	N.D. #

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

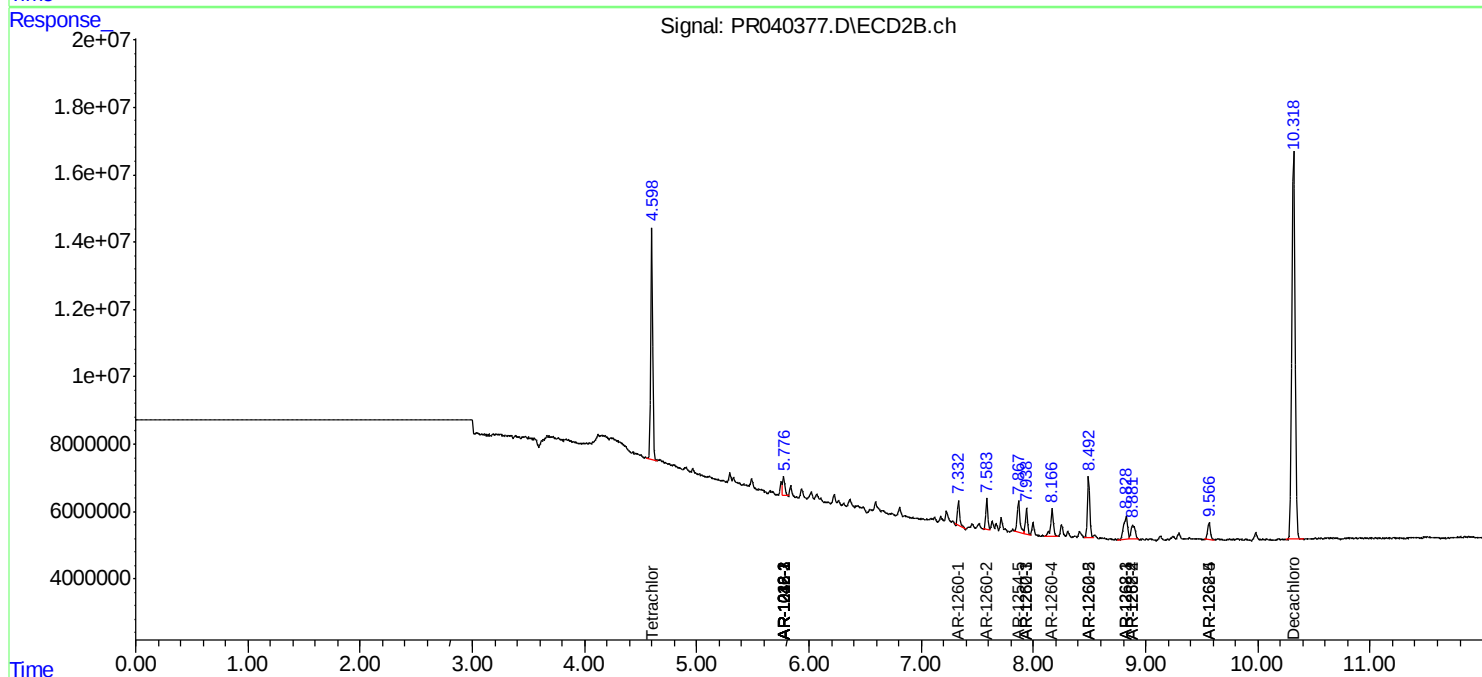
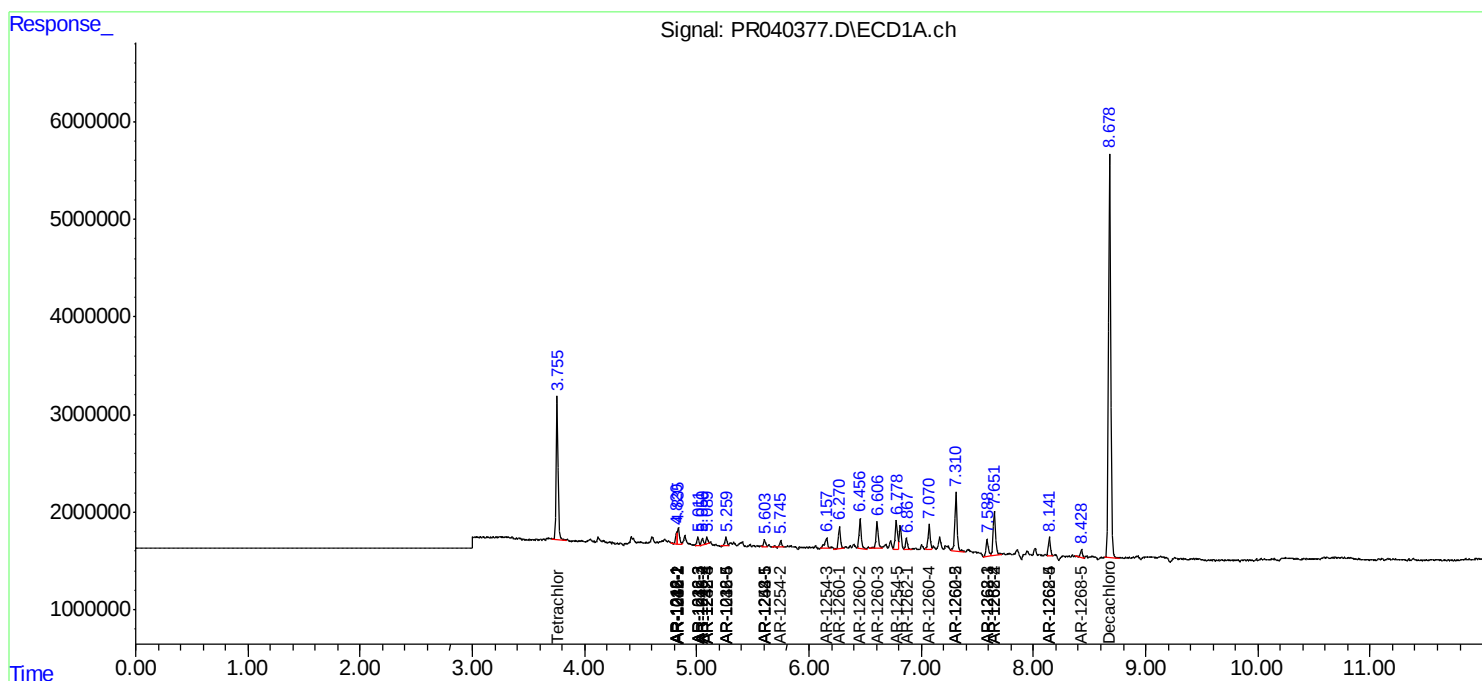
Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

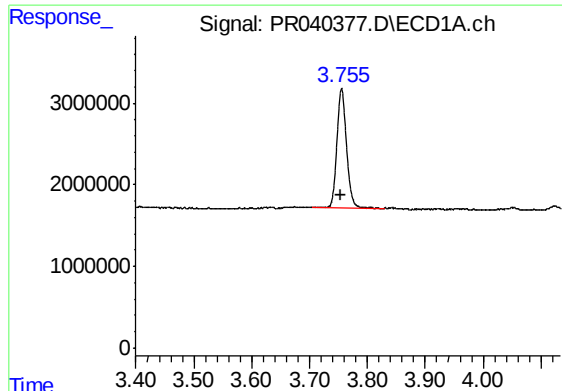
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081519\
Data File : PR040377.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2019 19:49
Operator : SM\AJ
Sample : K3591-01
Misc : AR1660 LOD WATER 25PPB
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 16 05:14:05 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR081519.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Aug 15 15:16:04 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

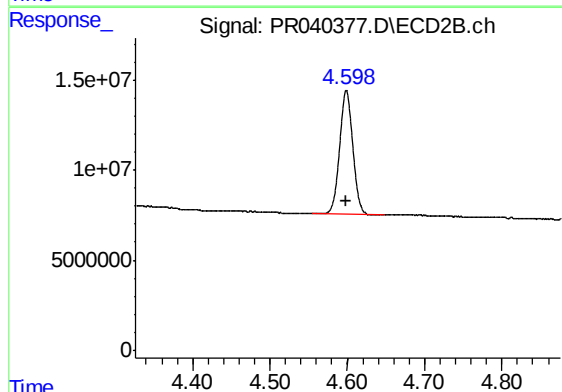




#1 Tetrachloro-m-xylene

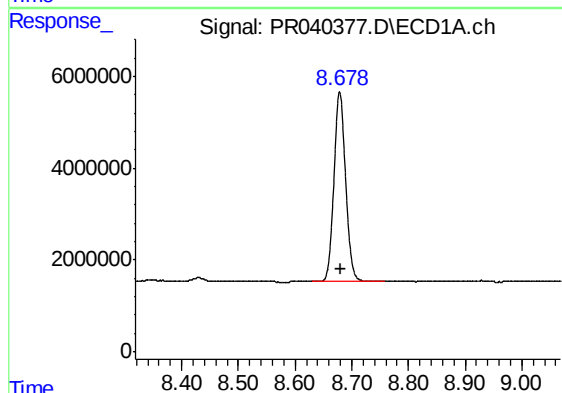
R.T.: 3.755 min
Delta R.T.: 0.001 min
Response: 16928291
Conc: 13.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



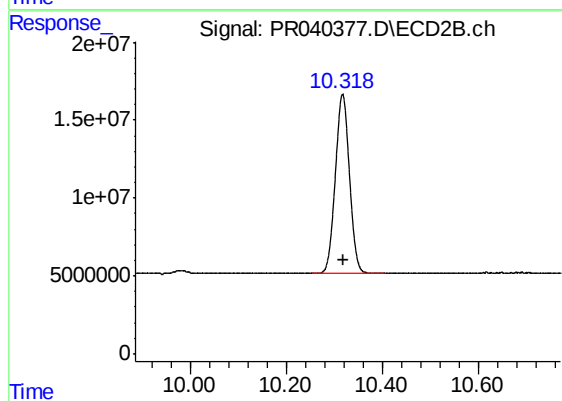
#1 Tetrachloro-m-xylene

R.T.: 4.599 min
Delta R.T.: 0.000 min
Response: 81759016
Conc: 13.26 ng/ml



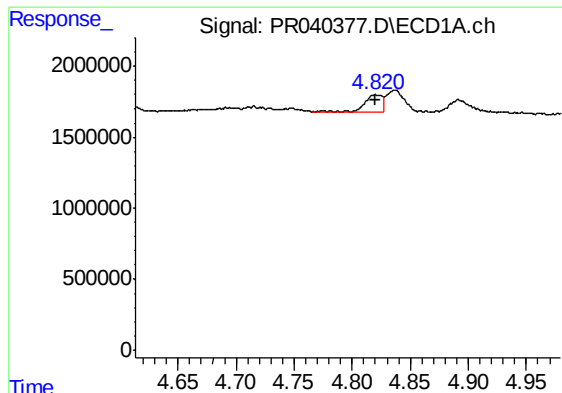
#2 Decachlorobiphenyl

R.T.: 8.679 min
Delta R.T.: -0.001 min
Response: 59004202
Conc: 20.48 ng/ml



#2 Decachlorobiphenyl

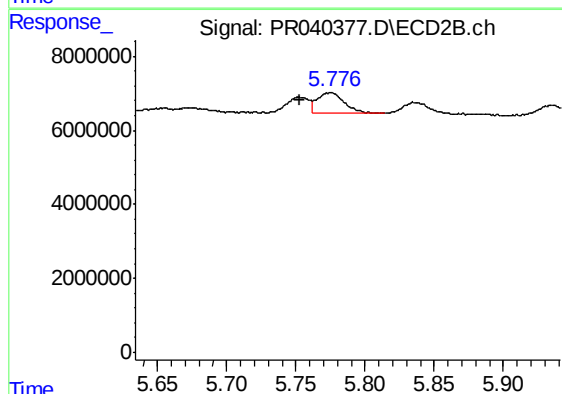
R.T.: 10.318 min
Delta R.T.: -0.001 min
Response: 232775372
Conc: 20.06 ng/ml



#3 AR-1016-1

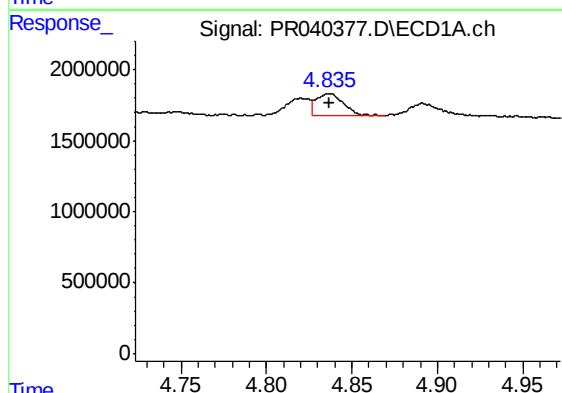
R.T.: 4.820 min
Delta R.T.: 0.000 min
Response: 1302135
Conc: 24.19 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



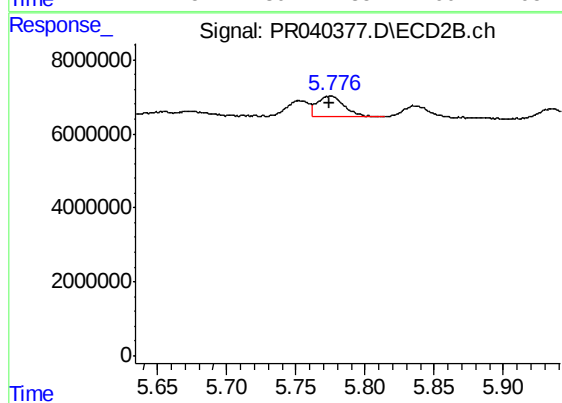
#3 AR-1016-1

R.T.: 5.776 min
Delta R.T.: 0.024 min
Response: 7360996
Conc: 29.50 ng/ml



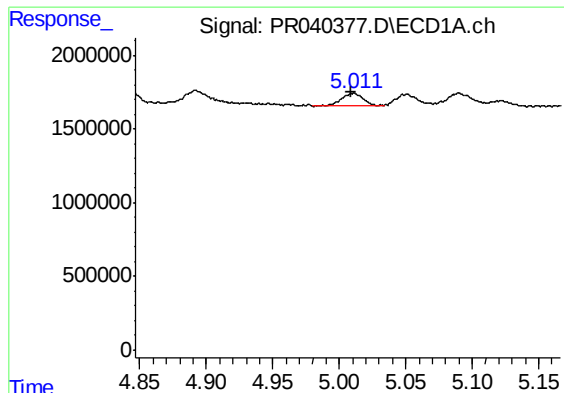
#4 AR-1016-2

R.T.: 4.837 min
Delta R.T.: 0.000 min
Response: 1788553
Conc: 19.78 ng/ml



#4 AR-1016-2

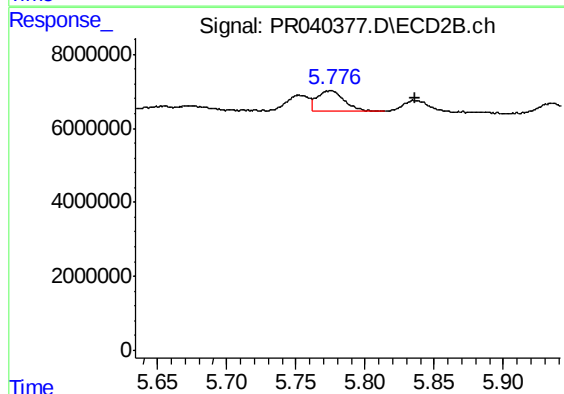
R.T.: 5.776 min
Delta R.T.: 0.002 min
Response: 7360996
Conc: 18.87 ng/ml



#5 AR-1016-3

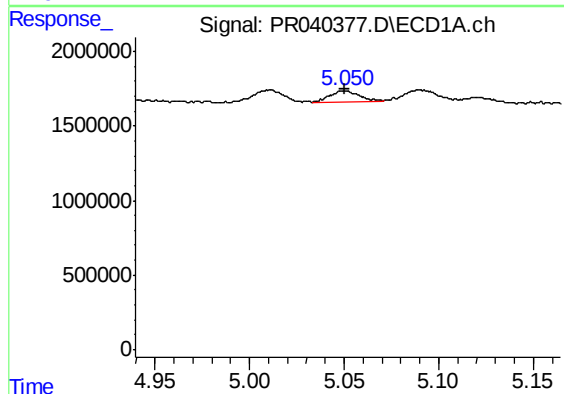
R.T.: 5.011 min
Delta R.T.: 0.001 min
Response: 927057
Conc: 20.81 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



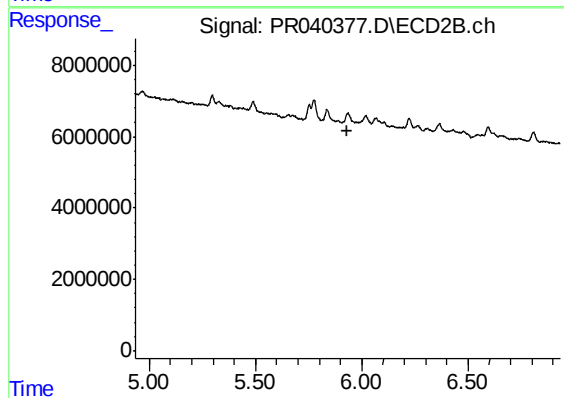
#5 AR-1016-3

R.T.: 5.776 min
Delta R.T.: -0.060 min
Response: 7360996
Conc: 30.05 ng/ml



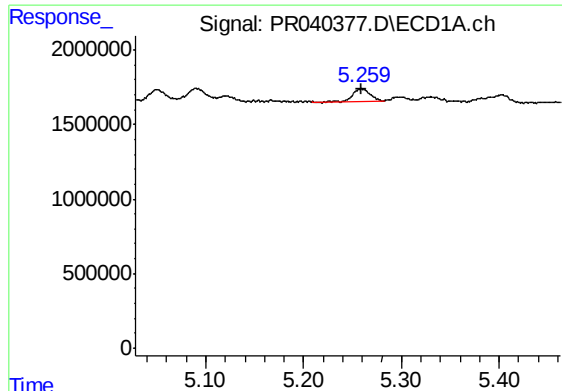
#6 AR-1016-4

R.T.: 5.050 min
Delta R.T.: 0.000 min
Response: 797663
Conc: 22.32 ng/ml



#6 AR-1016-4

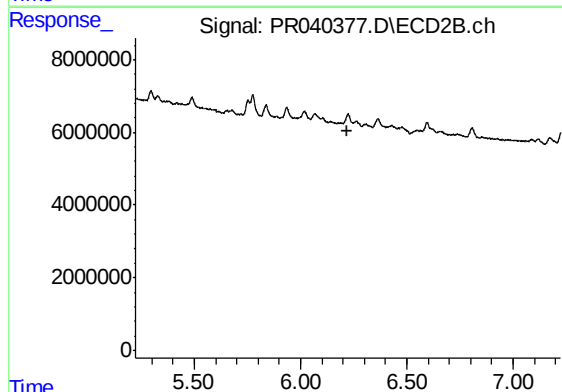
R.T.: 0.000 min
Exp R.T. : 5.934 min
Response: 0
Conc: N.D.



#7 AR-1016-5

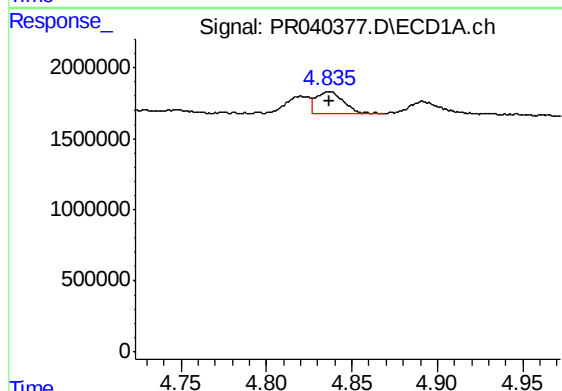
R.T.: 5.259 min
Delta R.T.: 0.000 min
Response: 983808
Conc: 19.59 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



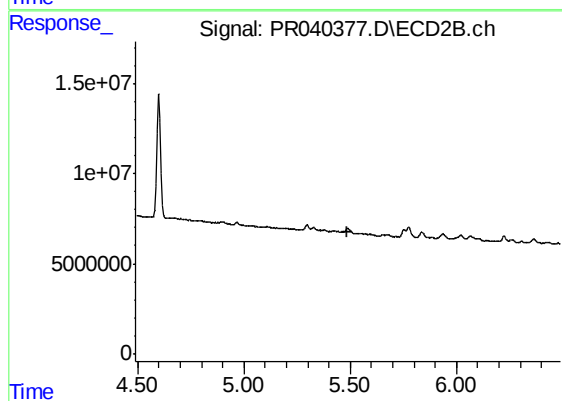
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 6.223 min
Response: 0
Conc: N.D.



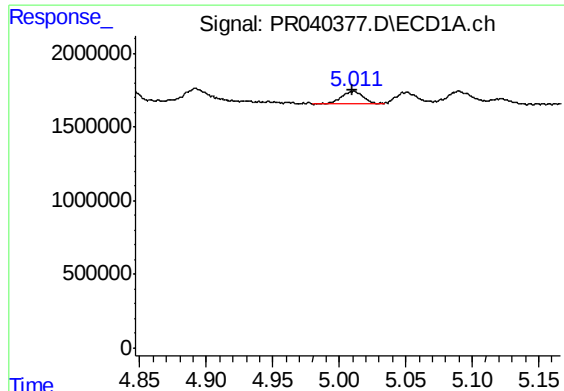
#12 AR-1232-2

R.T.: 4.837 min
Delta R.T.: 0.000 min
Response: 1788553
Conc: 28.85 ng/ml



#12 AR-1232-2

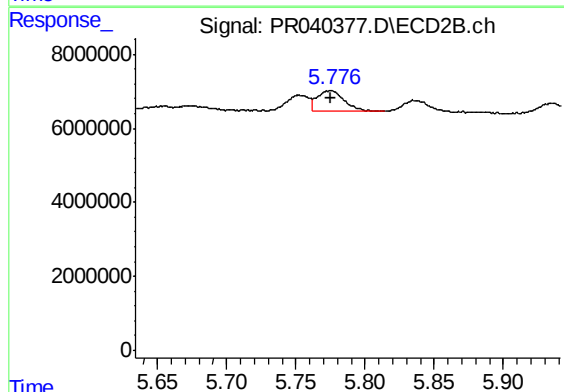
R.T.: 0.000 min
Exp R.T. : 5.489 min
Response: 0
Conc: N.D.



#13 AR-1232-3

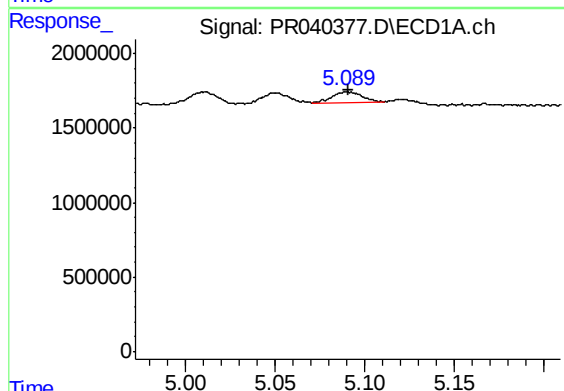
R.T.: 5.011 min
Delta R.T.: 0.000 min
Response: 927057
Conc: 31.76 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



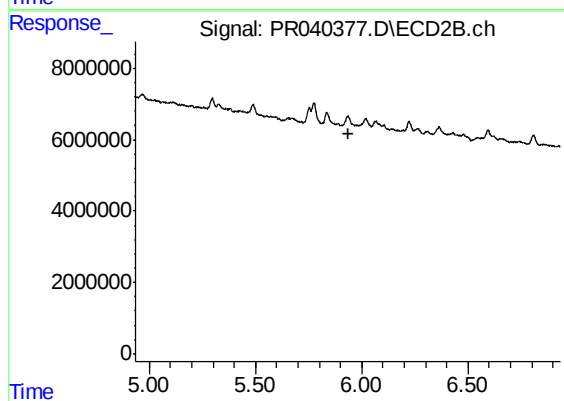
#13 AR-1232-3

R.T.: 5.776 min
Delta R.T.: 0.002 min
Response: 7360996
Conc: 28.87 ng/ml



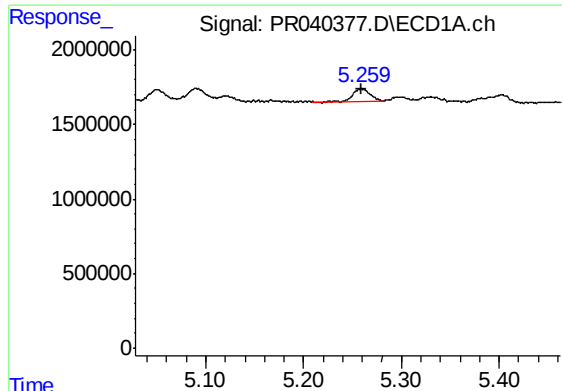
#14 AR-1232-4

R.T.: 5.090 min
Delta R.T.: 0.000 min
Response: 790802
Conc: 30.39 ng/ml



#14 AR-1232-4

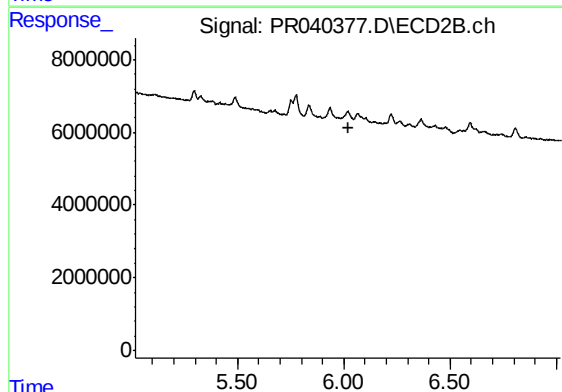
R.T.: 0.000 min
Exp R.T. : 5.935 min
Response: 0
Conc: N.D.



#15 AR-1232-5

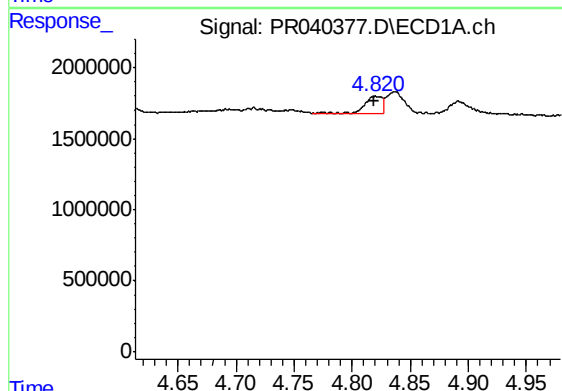
R.T.: 5.259 min
Delta R.T.: 0.000 min
Response: 983808
Conc: 32.55 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



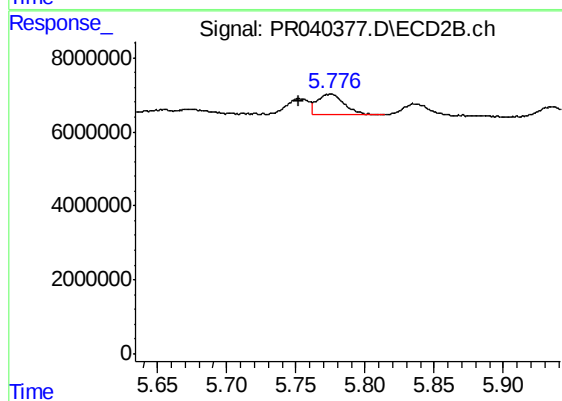
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 6.020 min
Response: 0
Conc: N.D.



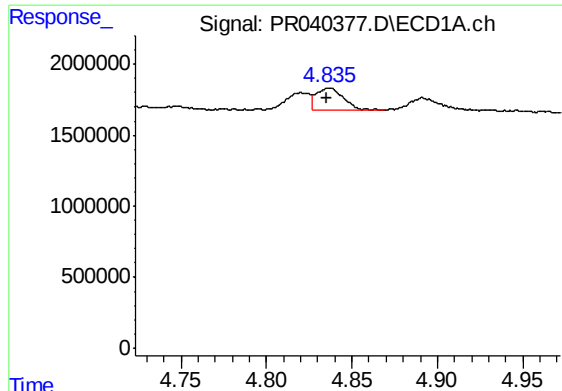
#16 AR-1242-1

R.T.: 4.820 min
Delta R.T.: 0.002 min
Response: 1302135
Conc: 25.75 ng/ml



#16 AR-1242-1

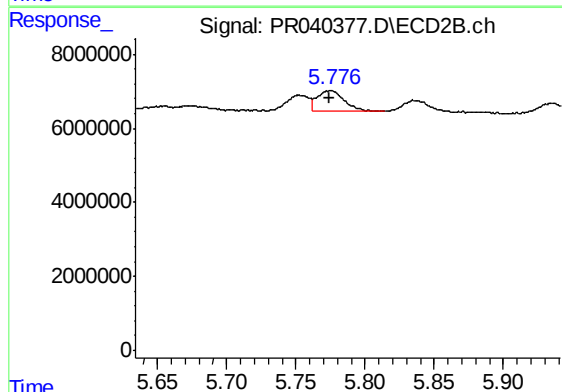
R.T.: 5.776 min
Delta R.T.: 0.025 min
Response: 7360996
Conc: 30.45 ng/ml



#17 AR-1242-2

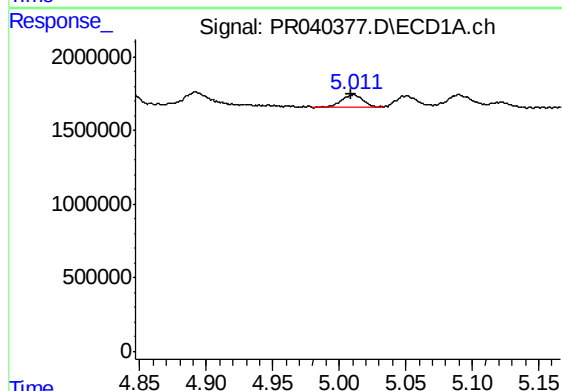
R.T.: 4.837 min
Delta R.T.: 0.001 min
Response: 1788553
Conc: 20.99 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



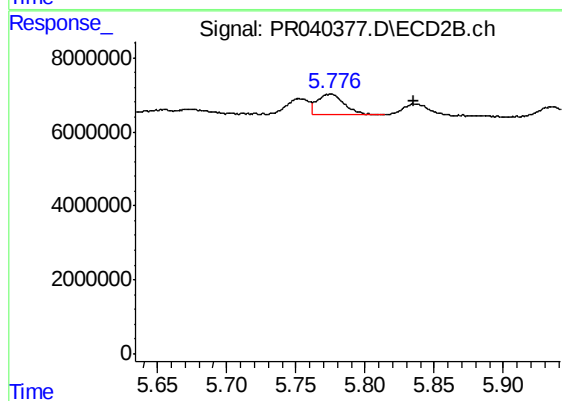
#17 AR-1242-2

R.T.: 5.776 min
Delta R.T.: 0.002 min
Response: 7360996
Conc: 19.85 ng/ml



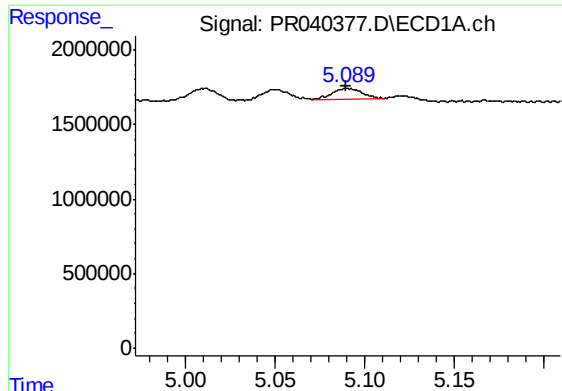
#18 AR-1242-3

R.T.: 5.011 min
Delta R.T.: 0.002 min
Response: 927057
Conc: 21.81 ng/ml



#18 AR-1242-3

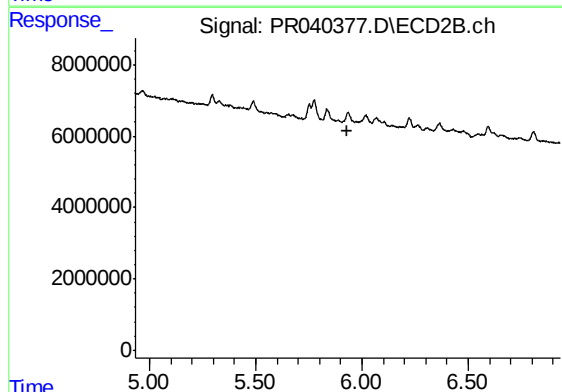
R.T.: 5.776 min
Delta R.T.: -0.059 min
Response: 7360996
Conc: 32.38 ng/ml



#19 AR-1242-4

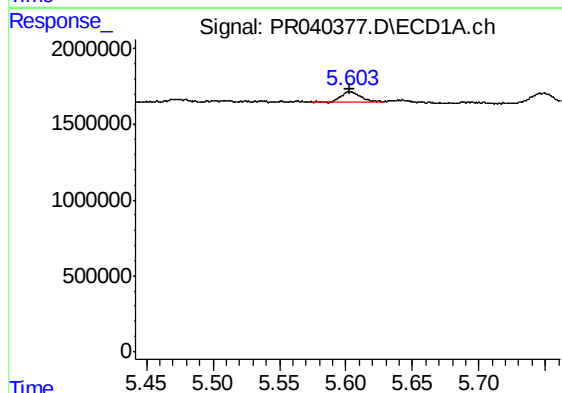
R.T.: 5.090 min
Delta R.T.: 0.000 min
Response: 790802
Conc: 19.13 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



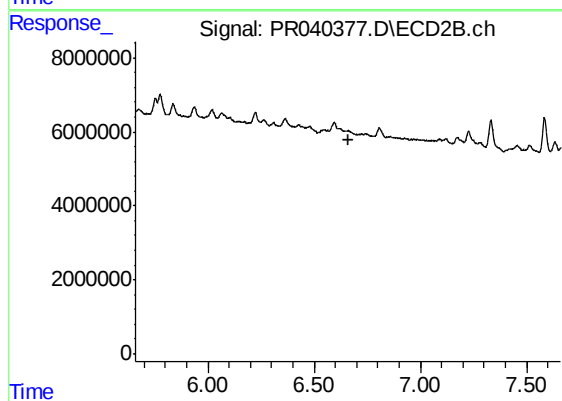
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.934 min
Response: 0
Conc: N.D.



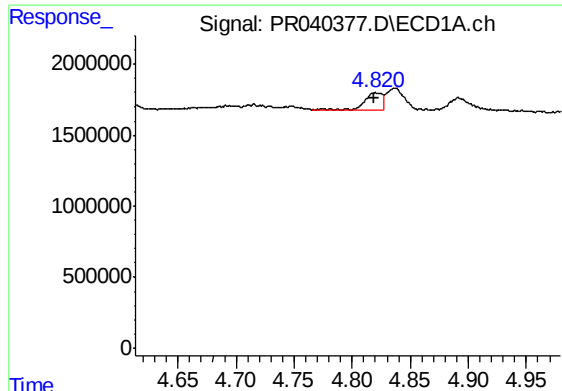
#20 AR-1242-5

R.T.: 5.603 min
Delta R.T.: 0.000 min
Response: 695534
Conc: 11.33 ng/ml



#20 AR-1242-5

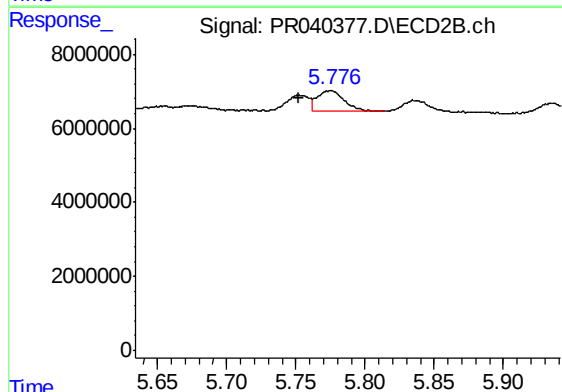
R.T.: 0.000 min
Exp R.T. : 6.659 min
Response: 0
Conc: N.D.



#21 AR-1248-1

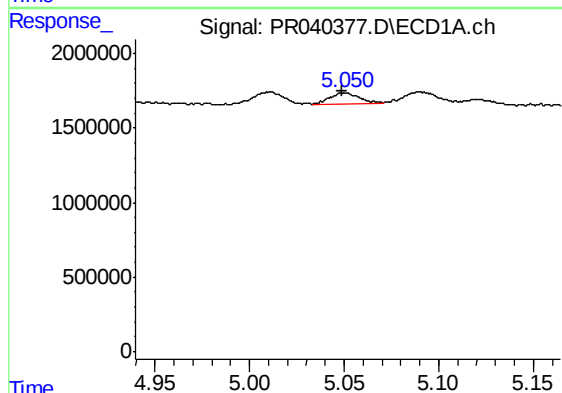
R.T.: 4.820 min
Delta R.T.: 0.002 min
Response: 1302135
Conc: 34.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



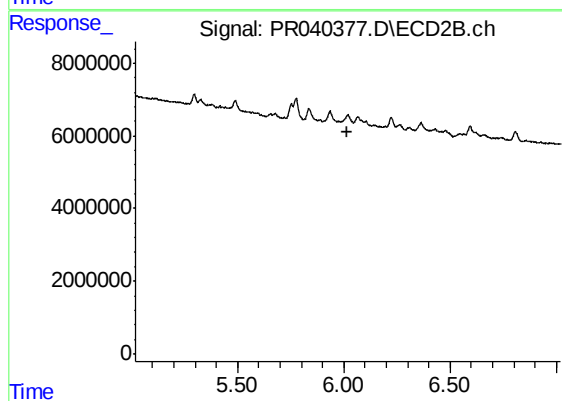
#21 AR-1248-1

R.T.: 5.776 min
Delta R.T.: 0.025 min
Response: 7360996
Conc: 43.97 ng/ml



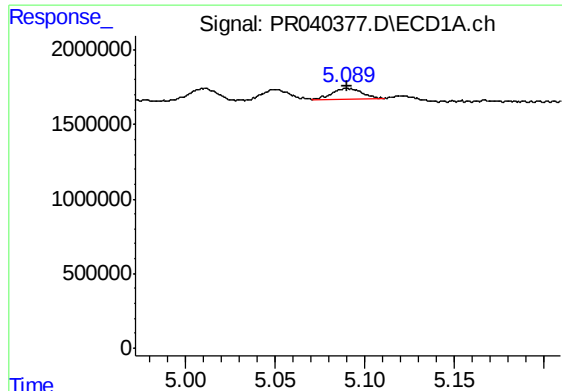
#22 AR-1248-2

R.T.: 5.050 min
Delta R.T.: 0.001 min
Response: 797663
Conc: 14.81 ng/ml



#22 AR-1248-2

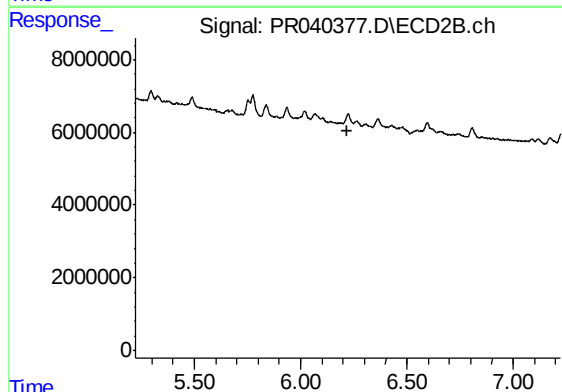
R.T.: 0.000 min
Exp R.T. : 6.019 min
Response: 0
Conc: N.D.



#23 AR-1248-3

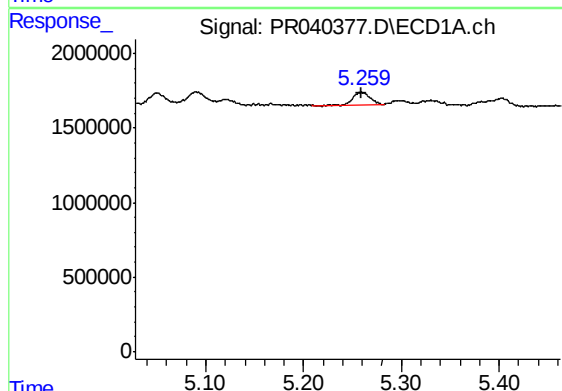
R.T.: 5.090 min
Delta R.T.: 0.000 min
Response: 790802
Conc: 14.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



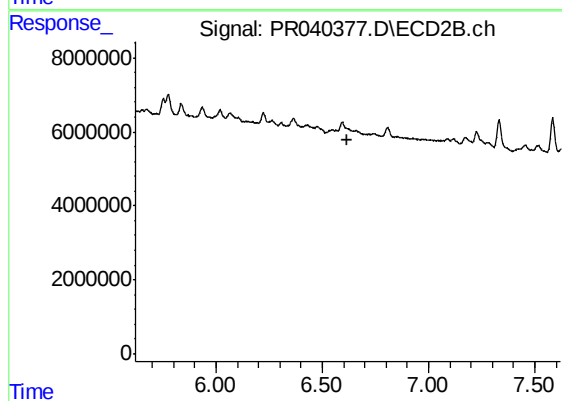
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 6.222 min
Response: 0
Conc: N.D.



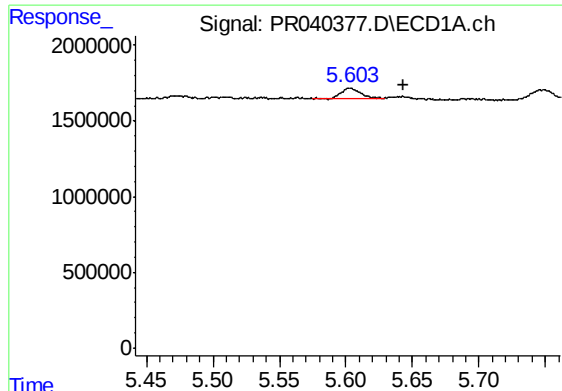
#24 AR-1248-4

R.T.: 5.259 min
Delta R.T.: 0.000 min
Response: 983808
Conc: 13.84 ng/ml



#24 AR-1248-4

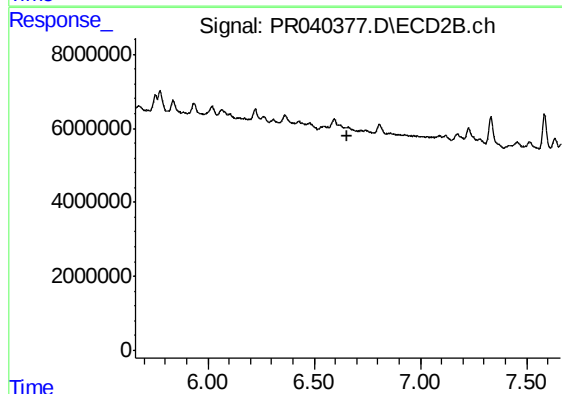
R.T.: 0.000 min
Exp R.T. : 6.621 min
Response: 0
Conc: N.D.



#25 AR-1248-5

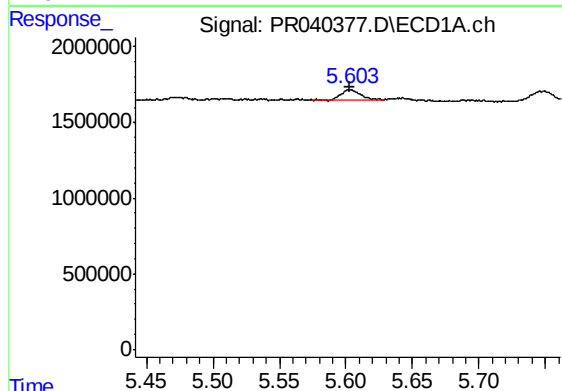
R.T.: 5.603 min
Delta R.T.: -0.040 min
Response: 695534
Conc: 9.00 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



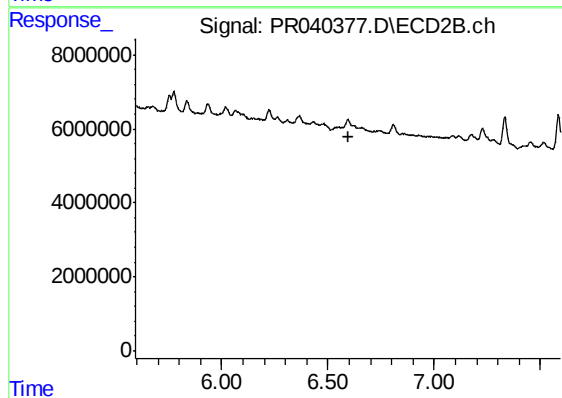
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.659 min
Response: 0
Conc: N.D.



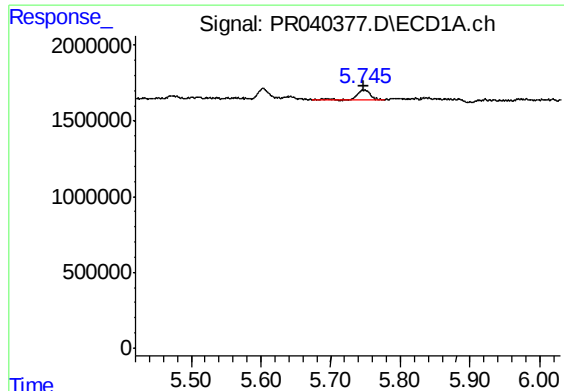
#26 AR-1254-1

R.T.: 5.603 min
Delta R.T.: 0.000 min
Response: 695534
Conc: 5.12 ng/ml



#26 AR-1254-1

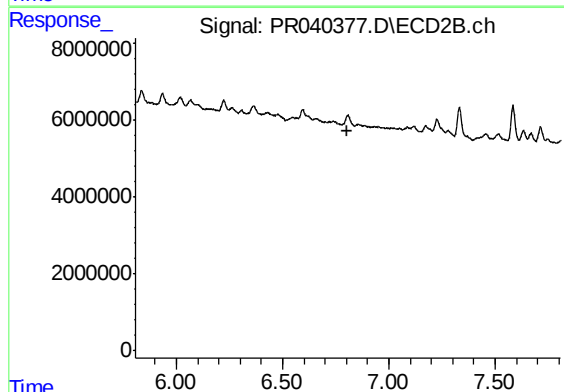
R.T.: 0.000 min
Exp R.T. : 6.594 min
Response: 0
Conc: N.D.



#27 AR-1254-2

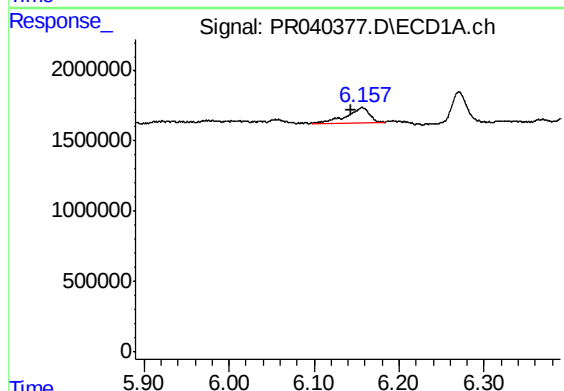
R.T.: 5.748 min
Delta R.T.: 0.000 min
Response: 875523
Conc: 7.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



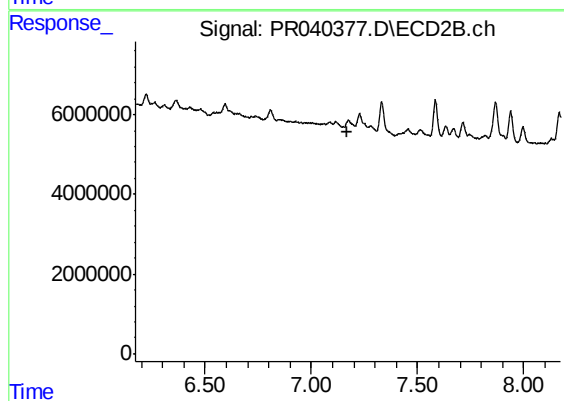
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 6.807 min
Response: 0
Conc: N.D.



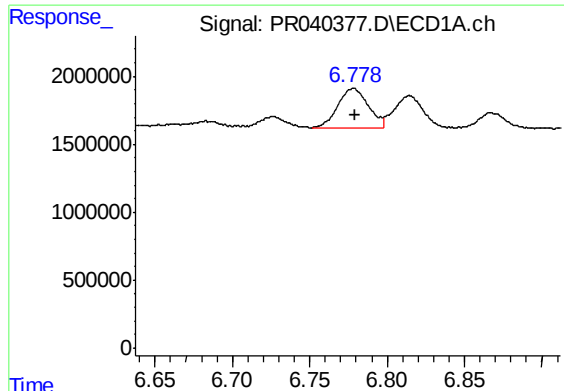
#28 AR-1254-3

R.T.: 6.157 min
Delta R.T.: 0.013 min
Response: 1971162
Conc: 9.26 ng/ml



#28 AR-1254-3

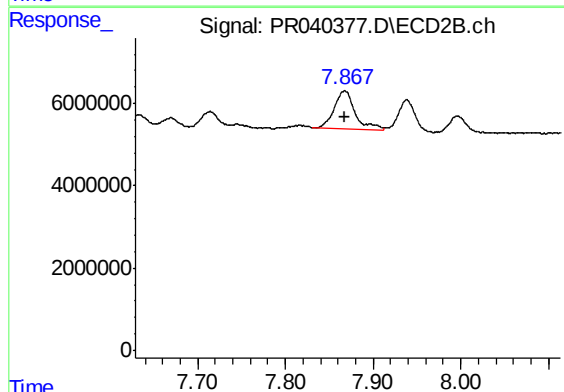
R.T.: 0.000 min
Exp R.T. : 7.173 min
Response: 0
Conc: N.D.



#30 AR-1254-5

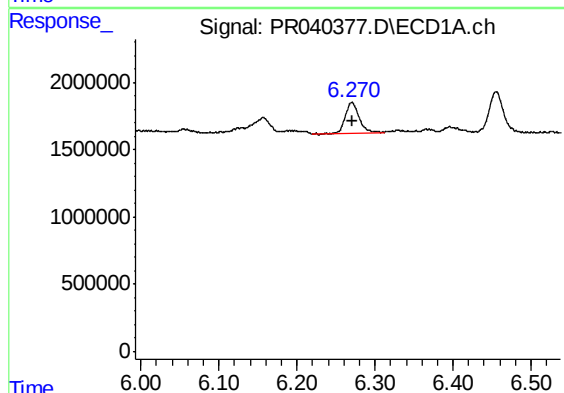
R.T.: 6.778 min
Delta R.T.: -0.001 min
Response: 3985921
Conc: 19.93 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



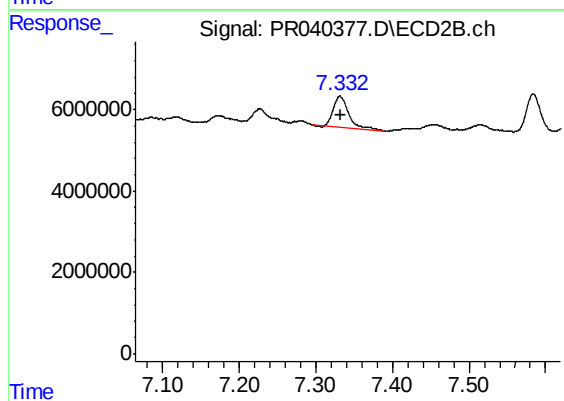
#30 AR-1254-5

R.T.: 7.868 min
Delta R.T.: 0.000 min
Response: 15493626
Conc: 25.96 ng/ml



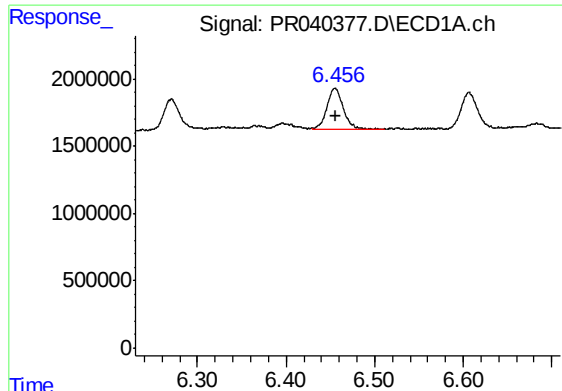
#31 AR-1260-1

R.T.: 6.270 min
Delta R.T.: 0.000 min
Response: 2789371
Conc: 24.73 ng/ml



#31 AR-1260-1

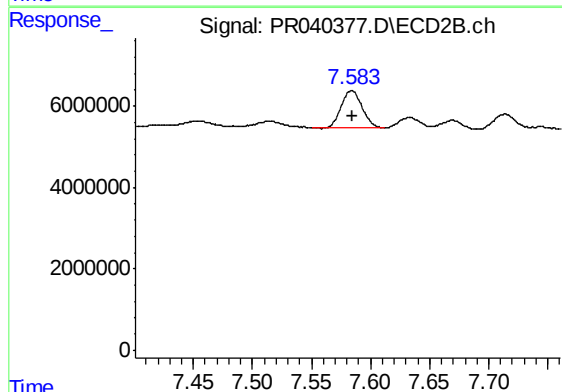
R.T.: 7.332 min
Delta R.T.: 0.000 min
Response: 10655322
Conc: 25.89 ng/ml



#32 AR-1260-2

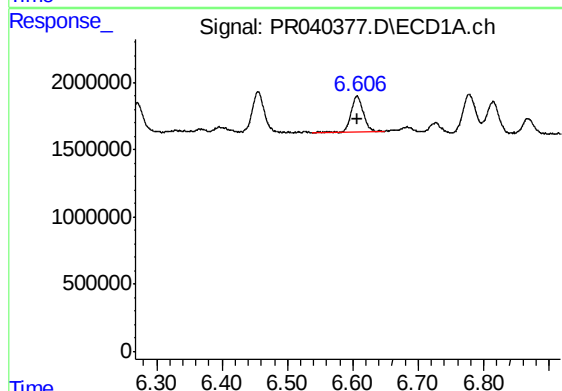
R.T.: 6.455 min
Delta R.T.: 0.000 min
Response: 3910444
Conc: 26.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



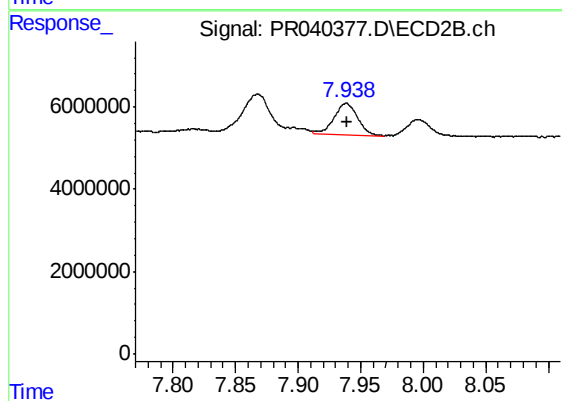
#32 AR-1260-2

R.T.: 7.584 min
Delta R.T.: 0.000 min
Response: 11166816
Conc: 21.97 ng/ml



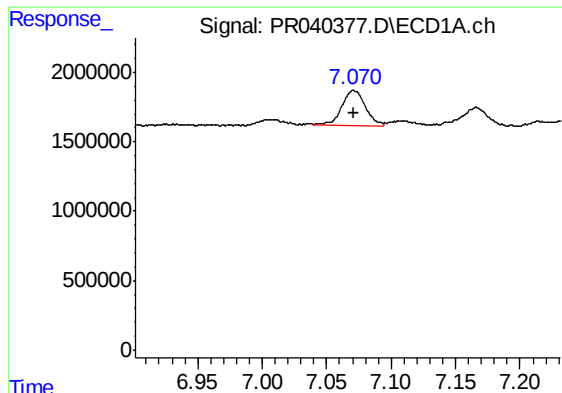
#33 AR-1260-3

R.T.: 6.606 min
Delta R.T.: 0.000 min
Response: 3579569
Conc: 26.67 ng/ml



#33 AR-1260-3

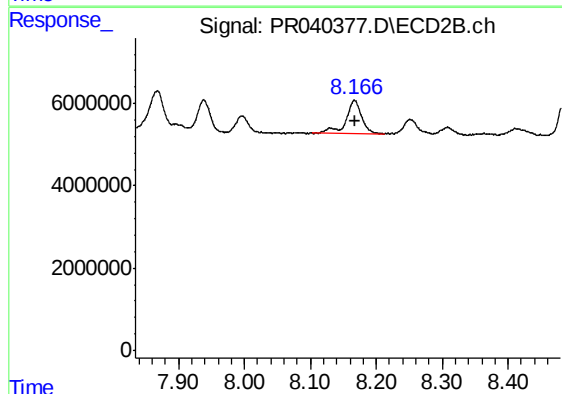
R.T.: 7.938 min
Delta R.T.: 0.000 min
Response: 10103015
Conc: 24.68 ng/ml



#34 AR-1260-4

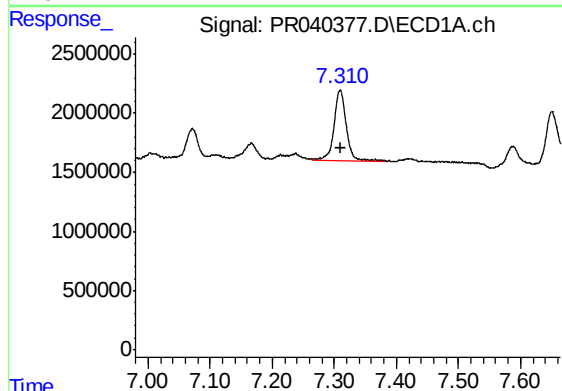
R.T.: 7.071 min
Delta R.T.: 0.000 min
Response: 3208271
Conc: 25.80 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



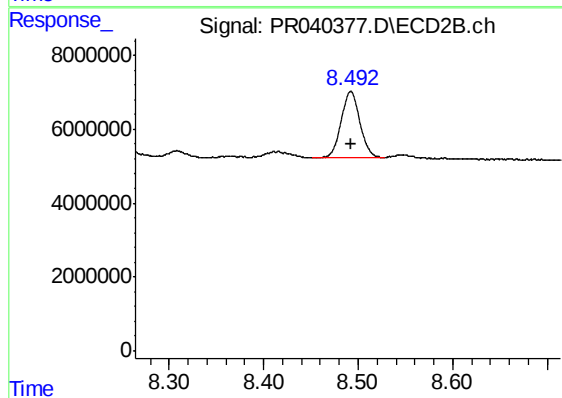
#34 AR-1260-4

R.T.: 8.167 min
Delta R.T.: -0.001 min
Response: 13591970
Conc: 28.50 ng/ml



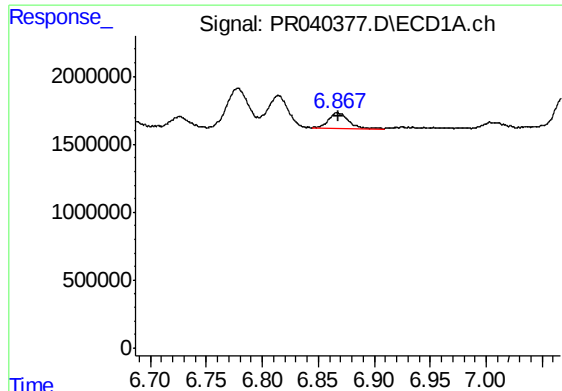
#35 AR-1260-5

R.T.: 7.310 min
Delta R.T.: 0.000 min
Response: 8187697
Conc: 25.97 ng/ml



#35 AR-1260-5

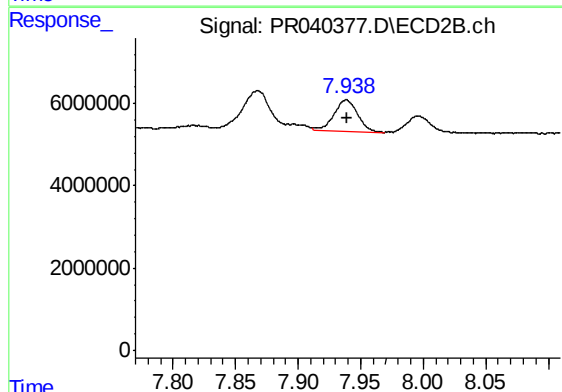
R.T.: 8.492 min
Delta R.T.: 0.000 min
Response: 24568860
Conc: 23.69 ng/ml



#36 AR-1262-1

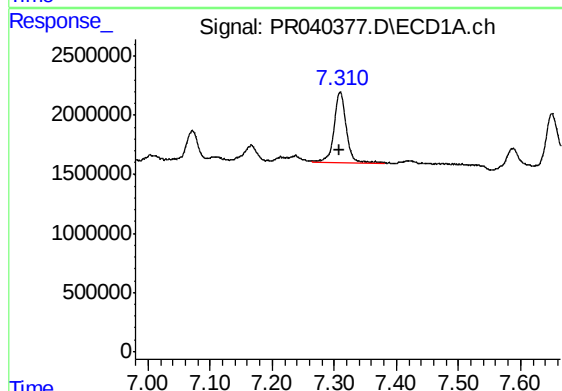
R.T.: 6.867 min
Delta R.T.: 0.000 min
Response: 1496699
Conc: 22.00 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



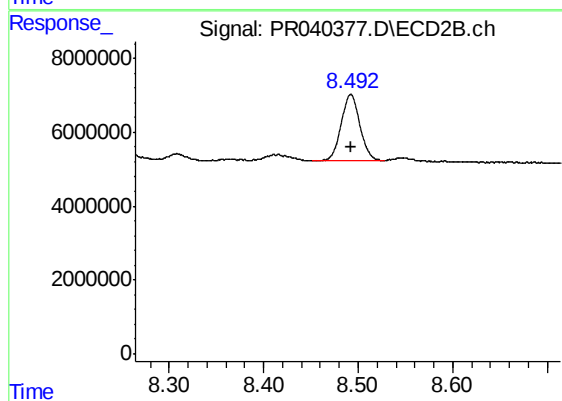
#36 AR-1262-1

R.T.: 7.938 min
Delta R.T.: 0.000 min
Response: 10103015
Conc: 16.90 ng/ml



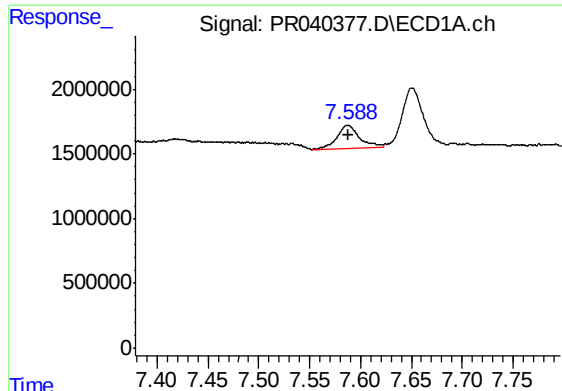
#37 AR-1262-2

R.T.: 7.310 min
Delta R.T.: 0.000 min
Response: 8187697
Conc: 23.27 ng/ml



#37 AR-1262-2

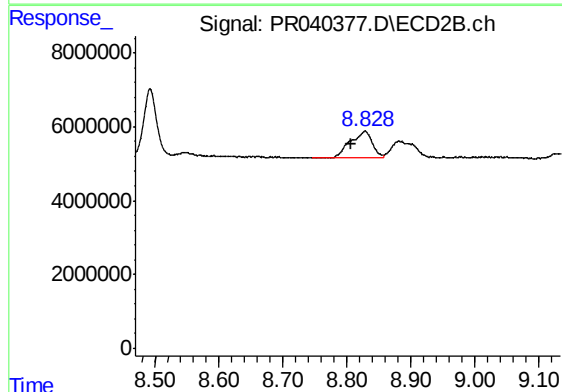
R.T.: 8.492 min
Delta R.T.: 0.000 min
Response: 24568860
Conc: 20.65 ng/ml



#38 AR-1262-3

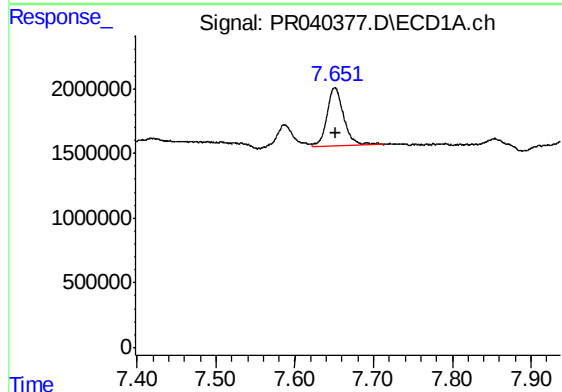
R.T.: 7.587 min
Delta R.T.: 0.000 min
Response: 2791184
Conc: 19.95 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



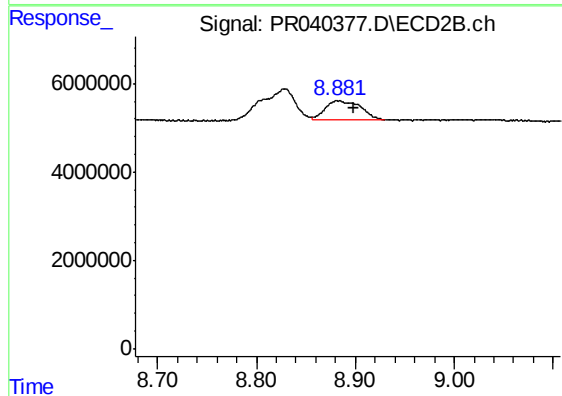
#38 AR-1262-3

R.T.: 8.828 min
Delta R.T.: 0.021 min
Response: 16875077
Conc: 20.85 ng/ml



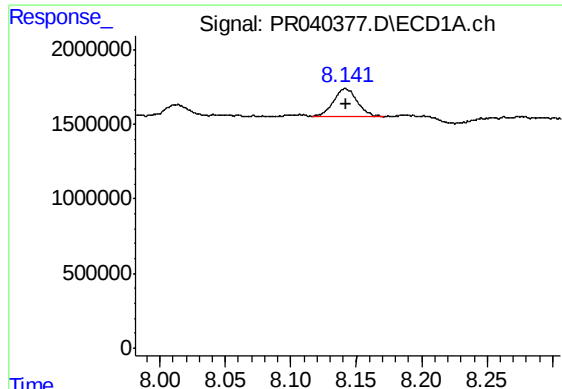
#39 AR-1262-4

R.T.: 7.651 min
Delta R.T.: -0.002 min
Response: 6767527
Conc: 25.50 ng/ml



#39 AR-1262-4

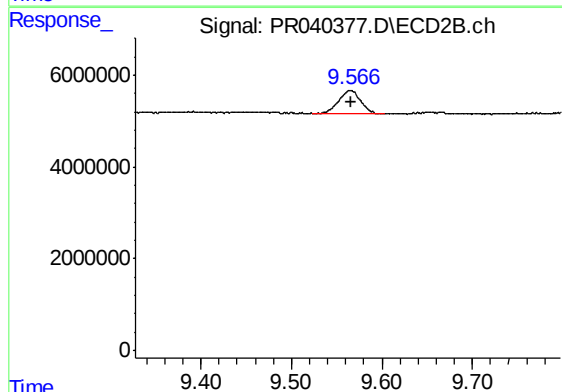
R.T.: 8.885 min
Delta R.T.: -0.014 min
Response: 10650645
Conc: 17.16 ng/ml



#40 AR-1262-5

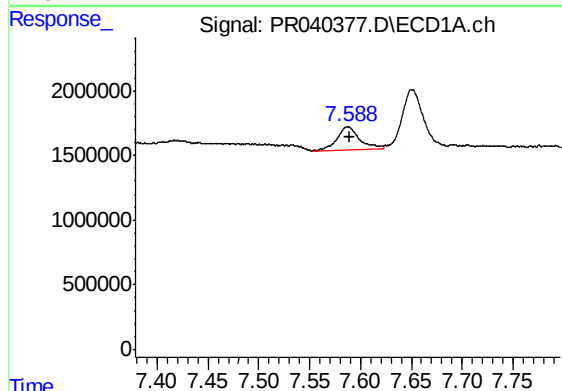
R.T.: 8.142 min
Delta R.T.: 0.000 min
Response: 2393697
Conc: 18.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



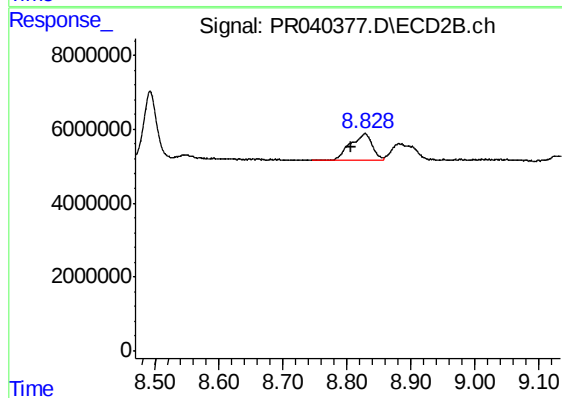
#40 AR-1262-5

R.T.: 9.566 min
Delta R.T.: 0.000 min
Response: 8577241
Conc: 18.16 ng/ml



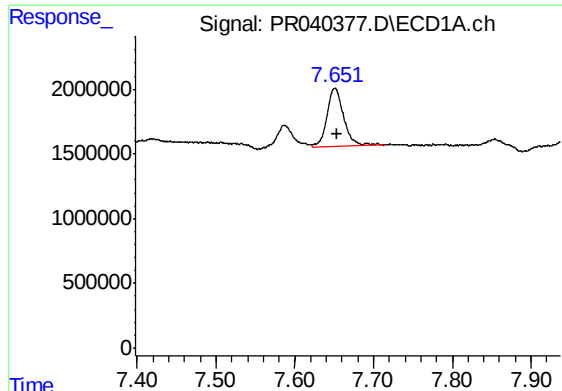
#41 AR-1268-1

R.T.: 7.587 min
Delta R.T.: -0.002 min
Response: 2791184
Conc: 7.59 ng/ml



#41 AR-1268-1

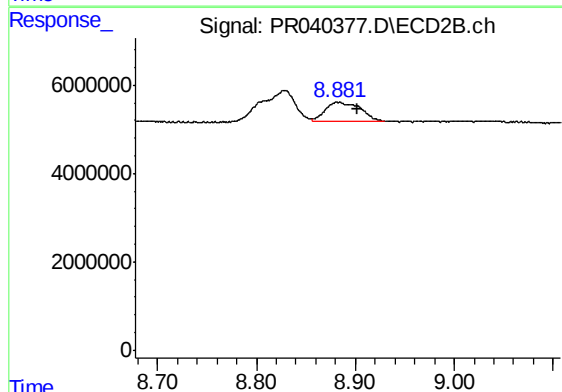
R.T.: 8.828 min
Delta R.T.: 0.022 min
Response: 16875077
Conc: 12.89 ng/ml



#42 AR-1268-2

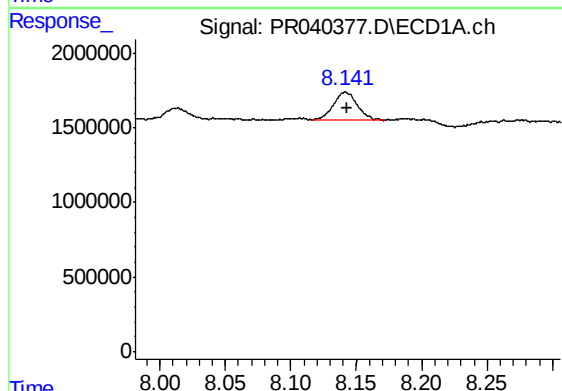
R.T.: 7.651 min
Delta R.T.: -0.002 min
Response: 6767527
Conc: 19.75 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



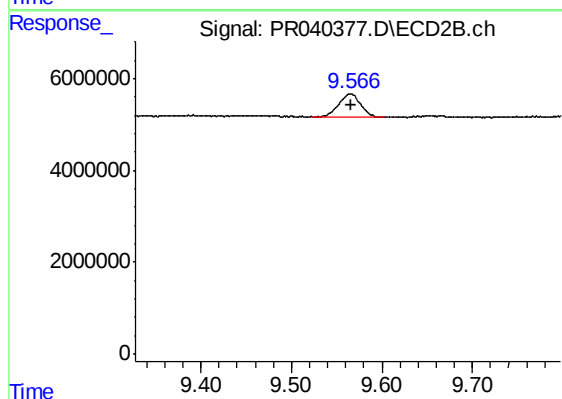
#42 AR-1268-2

R.T.: 8.885 min
Delta R.T.: -0.018 min
Response: 10650645
Conc: 8.55 ng/ml



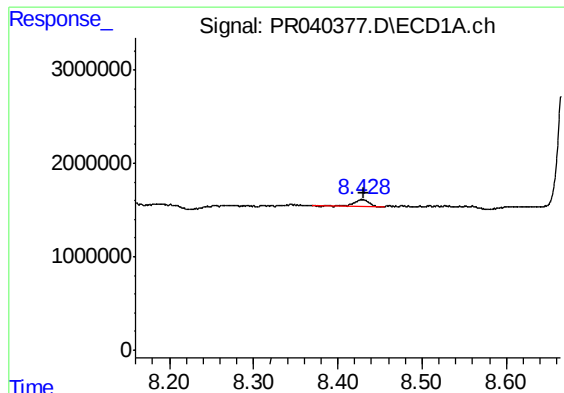
#44 AR-1268-4

R.T.: 8.142 min
Delta R.T.: -0.002 min
Response: 2393697
Conc: 17.68 ng/ml



#44 AR-1268-4

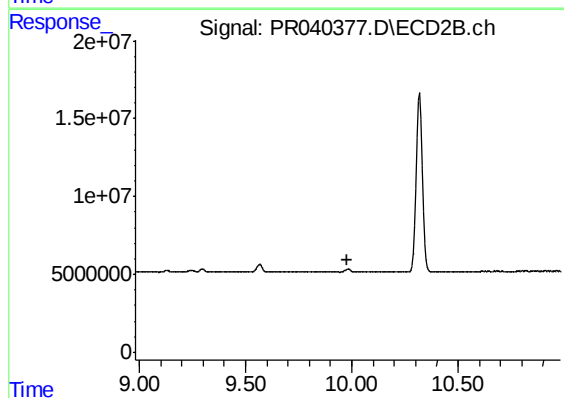
R.T.: 9.566 min
Delta R.T.: 0.000 min
Response: 8577241
Conc: 17.49 ng/ml



#45 AR-1268-5

R.T.: 8.429 min
Delta R.T.: -0.002 min
Response: 938438
Conc: 0.91 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.981 min
Response: 0
Conc: N.D.