

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072921\
 Data File : PQ054186.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2021 07:45
 Operator : AJ\MA
 Sample : M2940-07
 Misc : AR1232 LOD 40 PPB
 ALS Vial : 50 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 31 07:02:30 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 30 02:37:02 2021
 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...	5.203	4.208	402.4E6	180.8E6	17.234	12.789 #
2)	SA Decachlor...	11.376	9.545	328.7E6	218.4E6	19.537	17.318
Target Compounds							
3)	L1 AR-1016-1	6.532	5.492f	16660556	18413851	22.730	40.676 #
4)	L1 AR-1016-2	6.555	5.492	20446885	18413851	18.203	24.842 #
5)	L1 AR-1016-3	6.622	5.685	14701635	5664727	21.313	15.713 #
6)	L1 AR-1016-4	6.730	5.736	10219410	5282777	17.964	18.509
7)	L1 AR-1016-5	7.041	5.965	10471183	5729503	19.345	15.725
8)	L2 AR-1221-1	5.455	4.467	7298048	2278380	30.164	15.991 #
9)	L2 AR-1221-2	5.558	4.566	11159149	4080449	61.603	38.680 #
10)	L2 AR-1221-3	5.644	4.656	16765875	9181947	29.301	26.166
11)	L3 AR-1232-1	5.644	4.656	16765875	9181947	42.917	39.338
12)	L3 AR-1232-2	6.233	5.492	12329420	18413851	53.075	63.578
13)	L3 AR-1232-3	6.555	5.685	20446885	5664727	47.650	42.696
14)	L3 AR-1232-4	6.730	5.780	10219410	4482576	47.185	39.283
15)	L3 AR-1232-5	6.821	5.965	8641210	5729503	53.172	44.583
16)	L4 AR-1242-1	6.532	5.492f	16660556	18413851	36.282	67.723 #
17)	L4 AR-1242-2	6.555	5.492	20446885	18413851	29.011	39.123 #
18)	L4 AR-1242-3	6.622	5.685	14701635	5664727	33.770	25.676
19)	L4 AR-1242-4	6.730	5.780	10219410	4482576	28.421	20.720 #
20)	L4 AR-1242-5	7.511	6.345	10589166	6778521	28.764	22.850
21)	L5 AR-1248-1	6.532	5.492f	16660556	18413851	44.910	81.616 #
22)	L5 AR-1248-2	6.821	5.736	8641210	5282777	16.497	16.096
23)	L5 AR-1248-3	7.041	5.780	10471183	4482576	17.644	13.555
24)	L5 AR-1248-4	7.470	5.965	9005555	5729503	13.557	14.436
25)	L5 AR-1248-5	7.511	6.389	10589166	6969996	16.264	17.488
26)	L6 AR-1254-1	7.439	6.345	5663129	6778521	8.013	10.136 #
27)	L6 AR-1254-2	7.677	6.502	7768376	3943022	7.095	6.413
28)	L6 AR-1254-3	8.050	6.925	2220232	3706287	1.888	3.838 #
29)	L6 AR-1254-4	8.348	7.167	2783205	3401824	3.158	5.104 #
30)	L6 AR-1254-5	0.000	7.589	0	4577656	N.D.	4.693 #
31)	L7 AR-1260-1	0.000	7.069	0	5166540	N.D.	6.893 #
32)	L7 AR-1260-2	8.488	7.233f	1875251	1914250	1.652	1.833
33)	L7 AR-1260-3	0.000	7.406	0	5770362	N.D.	6.630 #
34)	L7 AR-1260-4	0.000	7.898	0	6900201	N.D.	11.082 #
35)	L7 AR-1260-5	0.000	8.141	0	560784	N.D.	0.327 #
36)	L8 AR-1262-1	0.000	7.589	0	4577656	N.D.	10.129 #
37)	L8 AR-1262-2	0.000	8.141	0	560784	N.D.	0.298 #
43)	L9 AR-1268-3	0.000	8.700	0	1507791	N.D.	0.902 #
45)	L9 AR-1268-5	11.017	9.288	2591101	2867865	0.475	0.609 #

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

Integration File signal 1: autoint1.e
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Quant Time: Jul 31 07:02:30 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072921.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jul 30 02:37:02 2021
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

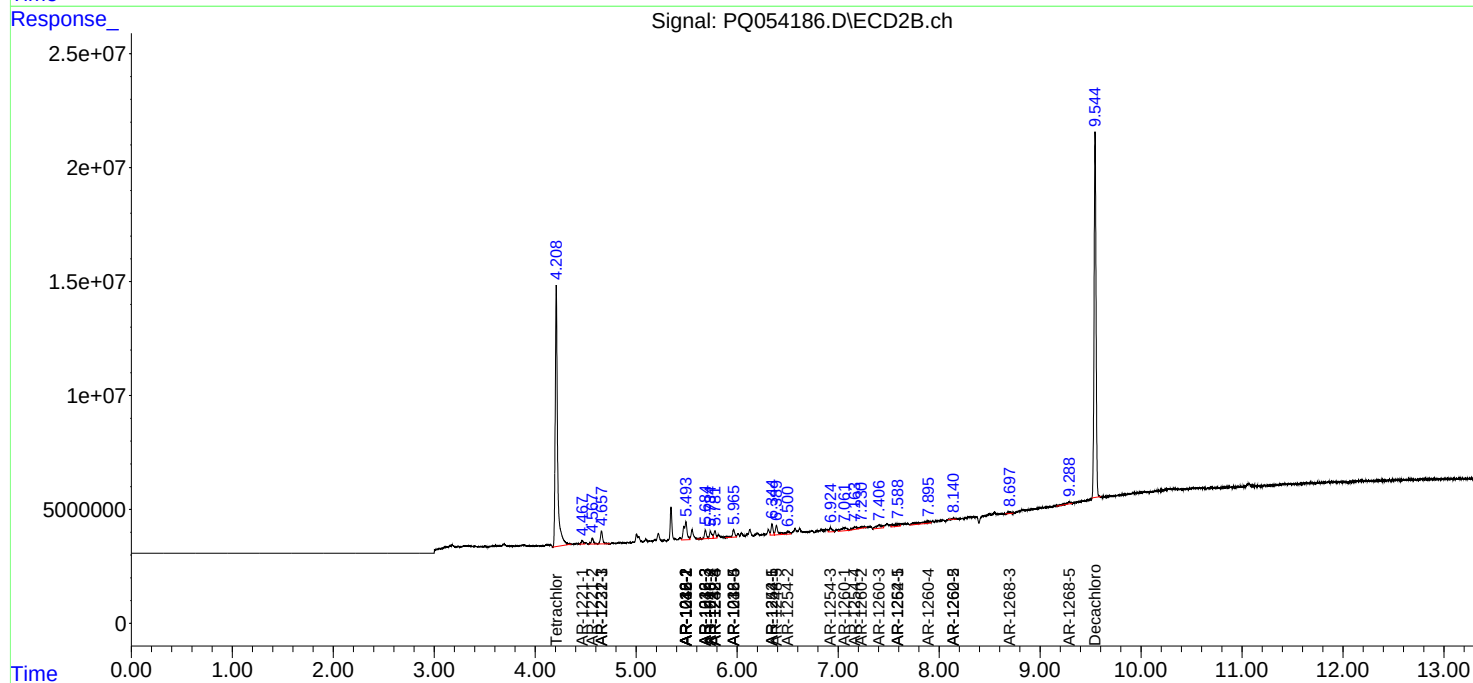
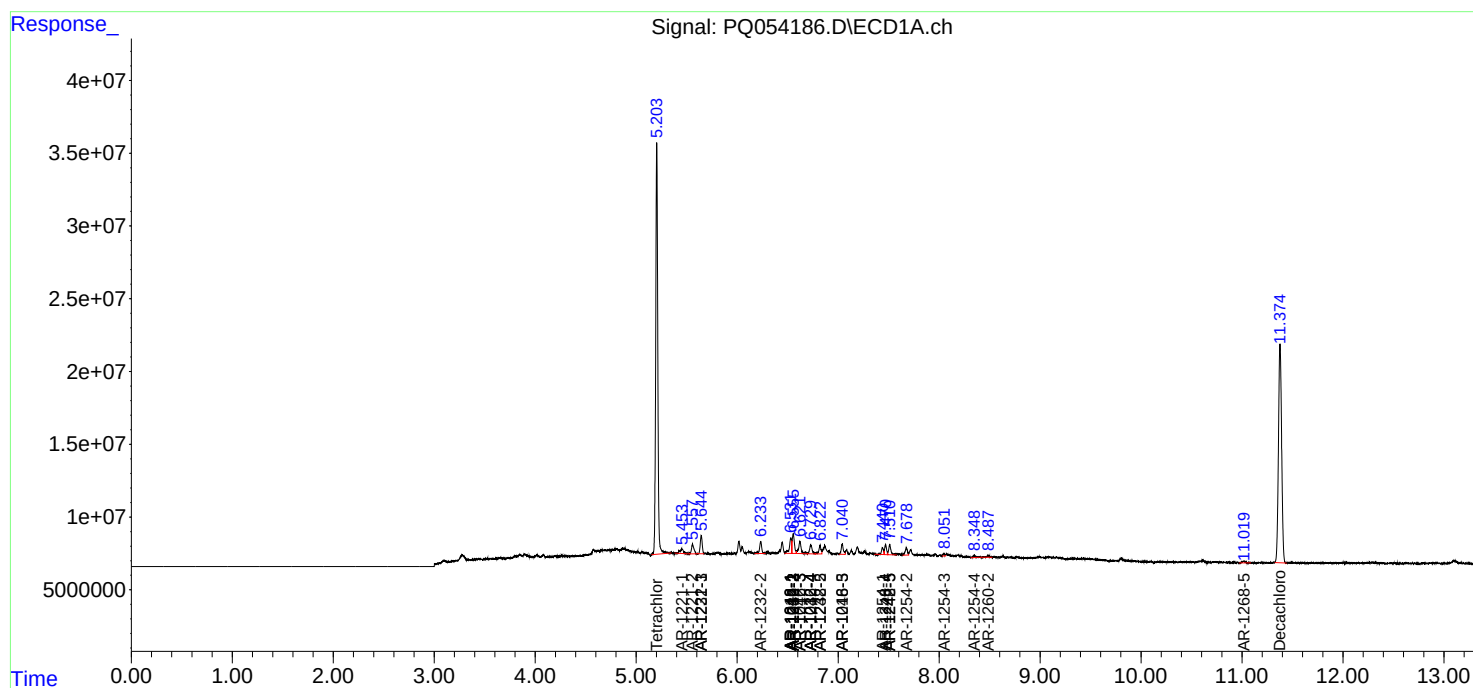
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.						

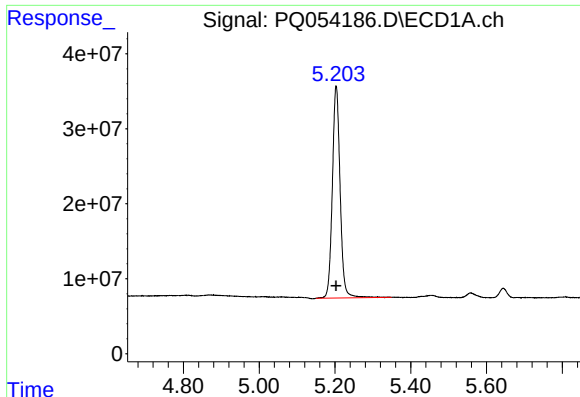
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072921\
Data File : PQ054186.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 07:45
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Instrument :
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Integration File signal 1: autoint1.e
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Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

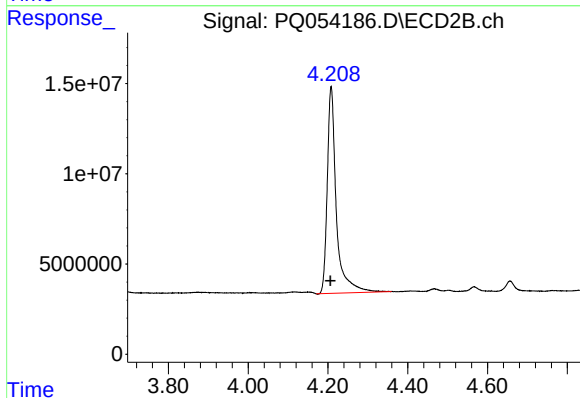




#1 Tetrachloro-m-xylene

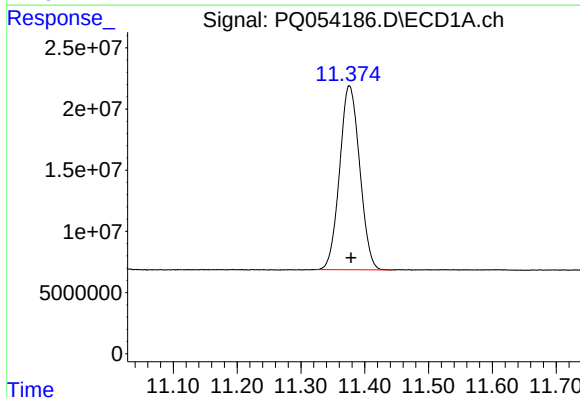
R.T.: 5.203 min
Delta R.T.: 0.000 min
Response: 402446578
Conc: 17.23 ng/ml

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



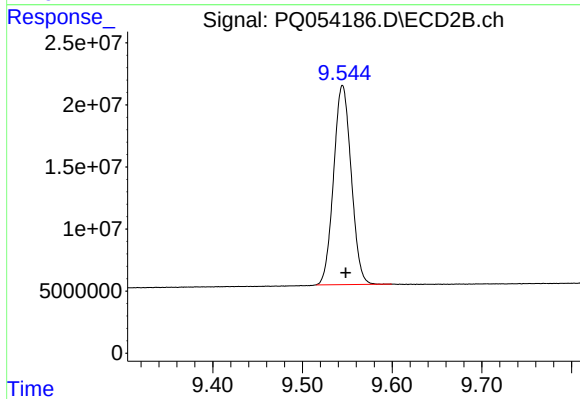
#1 Tetrachloro-m-xylene

R.T.: 4.208 min
Delta R.T.: 0.002 min
Response: 180801079
Conc: 12.79 ng/ml



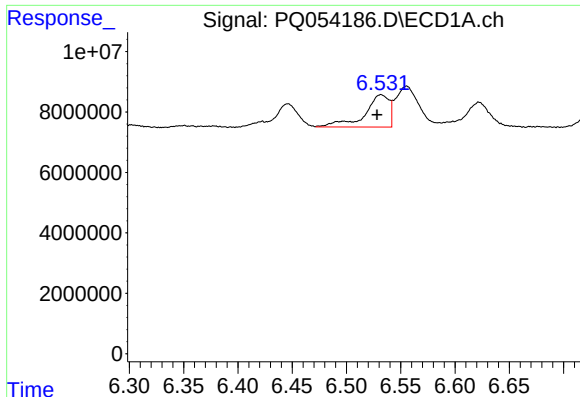
#2 Decachlorobiphenyl

R.T.: 11.376 min
Delta R.T.: -0.003 min
Response: 328725559
Conc: 19.54 ng/ml



#2 Decachlorobiphenyl

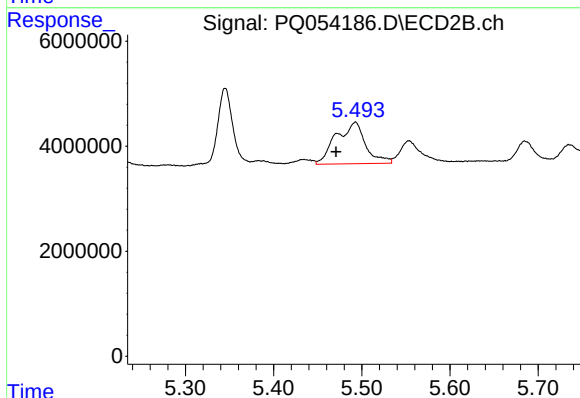
R.T.: 9.545 min
Delta R.T.: -0.004 min
Response: 218449678
Conc: 17.32 ng/ml



#3 AR-1016-1

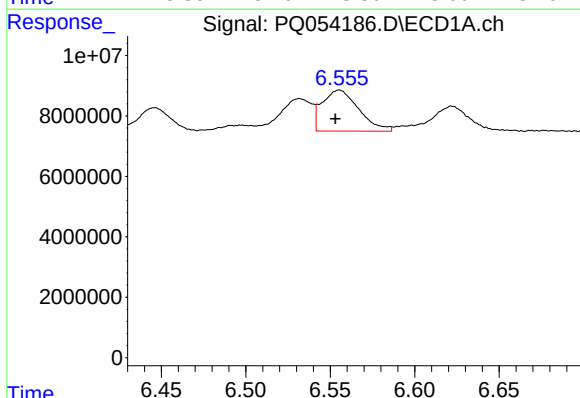
R.T.: 6.532 min
Delta R.T.: 0.004 min
Response: 16660556
Conc: 22.73 ng/ml

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



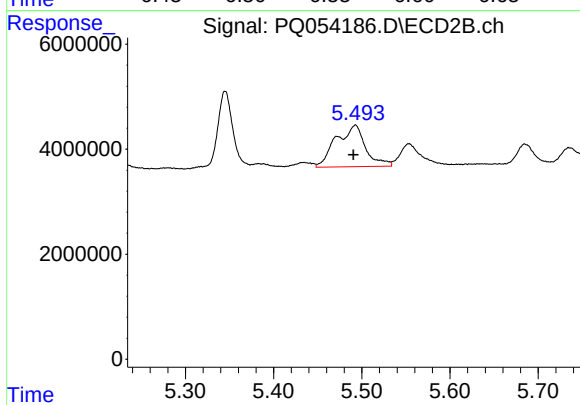
#3 AR-1016-1

R.T.: 5.492 min
Delta R.T.: 0.022 min
Response: 18413851
Conc: 40.68 ng/ml



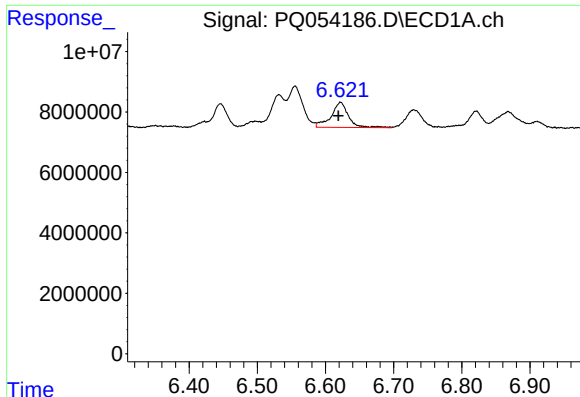
#4 AR-1016-2

R.T.: 6.555 min
Delta R.T.: 0.002 min
Response: 20446885
Conc: 18.20 ng/ml



#4 AR-1016-2

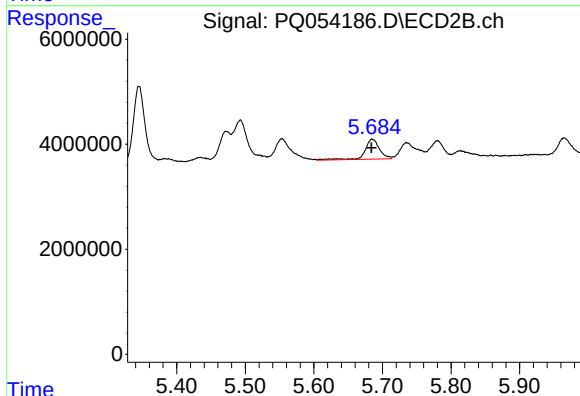
R.T.: 5.492 min
Delta R.T.: 0.002 min
Response: 18413851
Conc: 24.84 ng/ml



#5 AR-1016-3

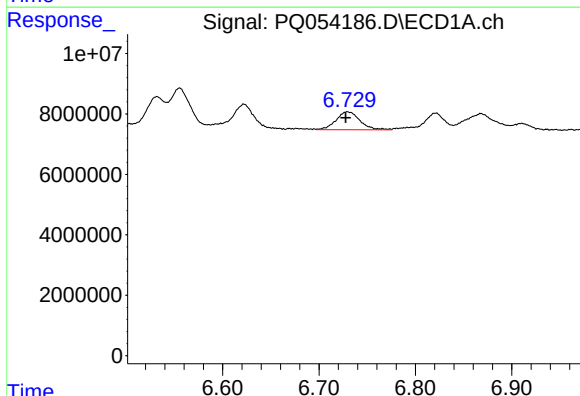
R.T.: 6.622 min
Delta R.T.: 0.003 min
Response: 14701635
Conc: 21.31 ng/ml

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



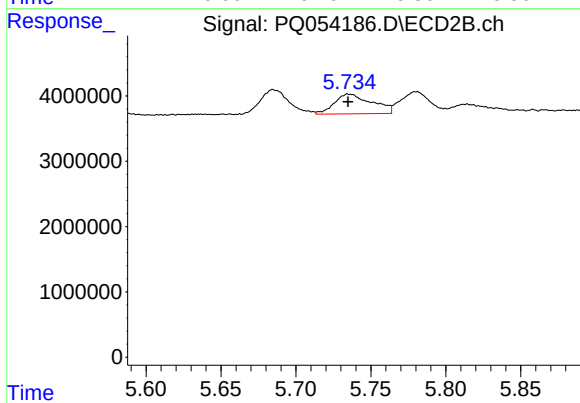
#5 AR-1016-3

R.T.: 5.685 min
Delta R.T.: 0.002 min
Response: 5664727
Conc: 15.71 ng/ml



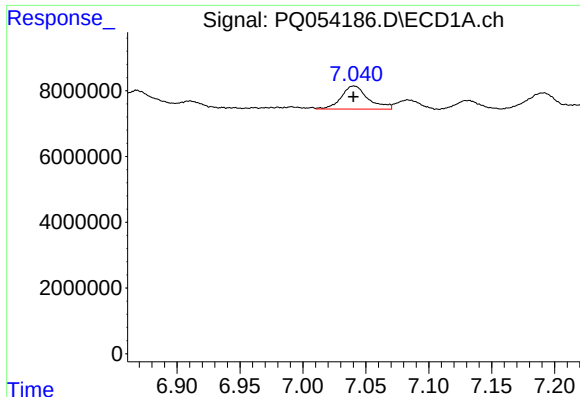
#6 AR-1016-4

R.T.: 6.730 min
Delta R.T.: 0.002 min
Response: 10219410
Conc: 17.96 ng/ml



#6 AR-1016-4

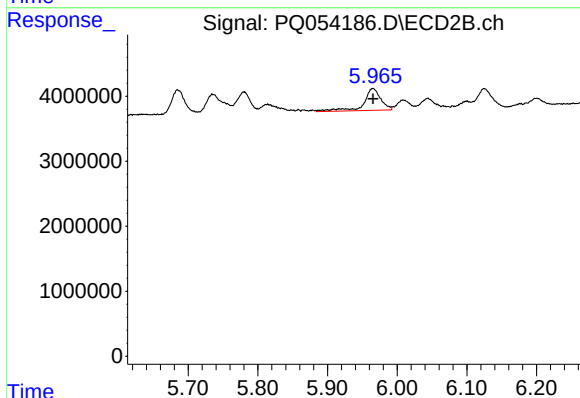
R.T.: 5.736 min
Delta R.T.: 0.000 min
Response: 5282777
Conc: 18.51 ng/ml



#7 AR-1016-5

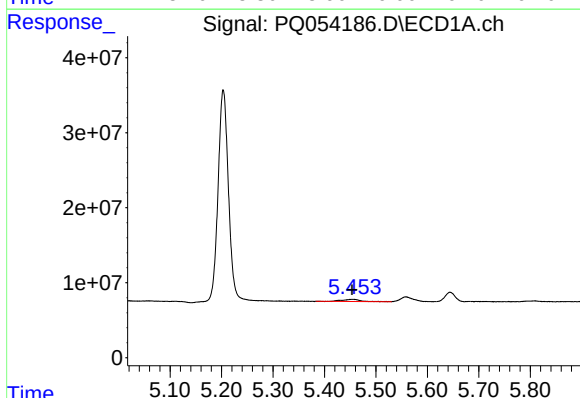
R.T.: 7.041 min
Delta R.T.: 0.000 min
Response: 10471183
Conc: 19.34 ng/ml

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



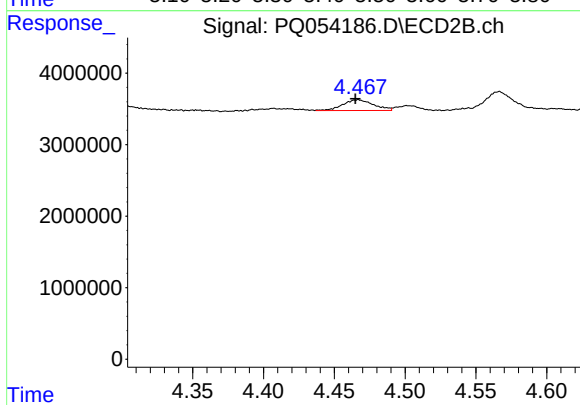
#7 AR-1016-5

R.T.: 5.965 min
Delta R.T.: 0.000 min
Response: 5729503
Conc: 15.73 ng/ml



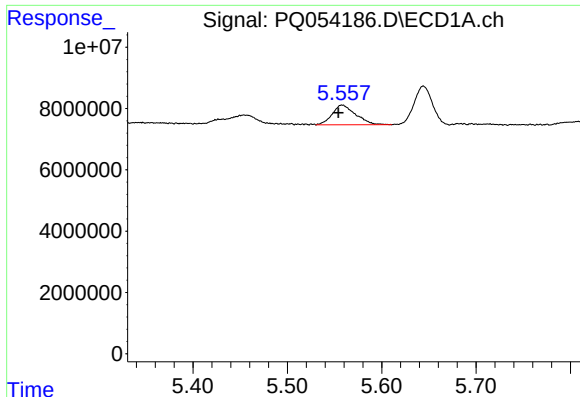
#8 AR-1221-1

R.T.: 5.455 min
Delta R.T.: 0.001 min
Response: 7298048
Conc: 30.16 ng/ml



#8 AR-1221-1

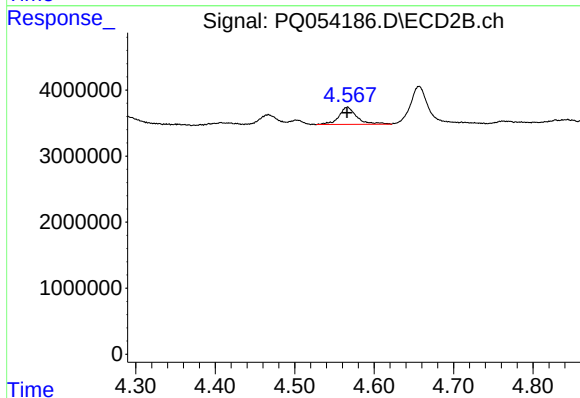
R.T.: 4.467 min
Delta R.T.: 0.002 min
Response: 2278380
Conc: 15.99 ng/ml



#9 AR-1221-2

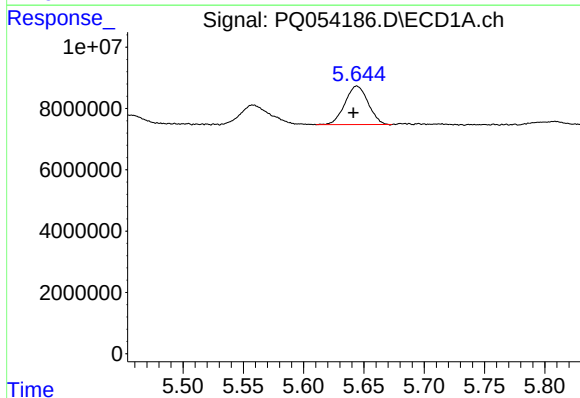
R.T.: 5.558 min
Delta R.T.: 0.004 min
Response: 11159149
Conc: 61.60 ng/ml

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



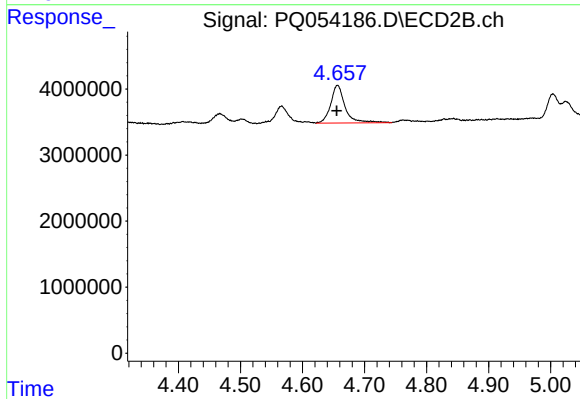
#9 AR-1221-2

R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 4080449
Conc: 38.68 ng/ml



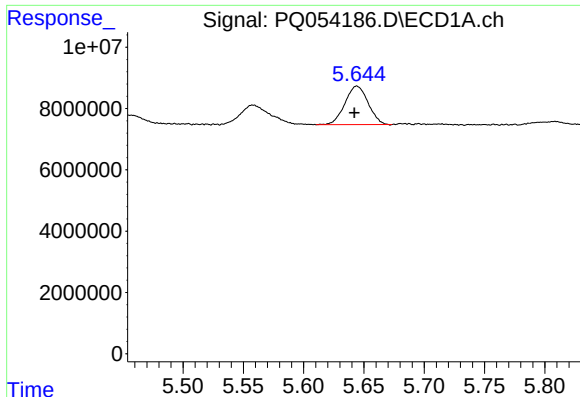
#10 AR-1221-3

R.T.: 5.644 min
Delta R.T.: 0.003 min
Response: 16765875
Conc: 29.30 ng/ml



#10 AR-1221-3

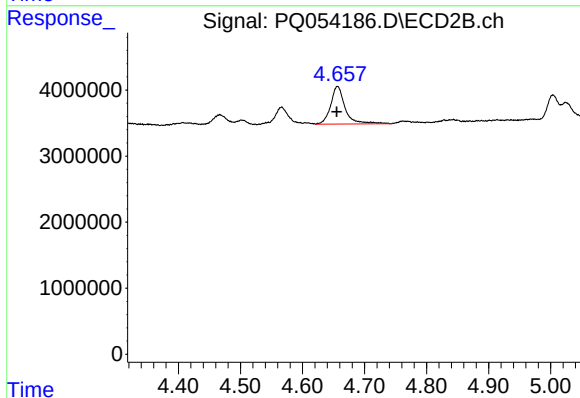
R.T.: 4.656 min
Delta R.T.: 0.001 min
Response: 9181947
Conc: 26.17 ng/ml



#11 AR-1232-1

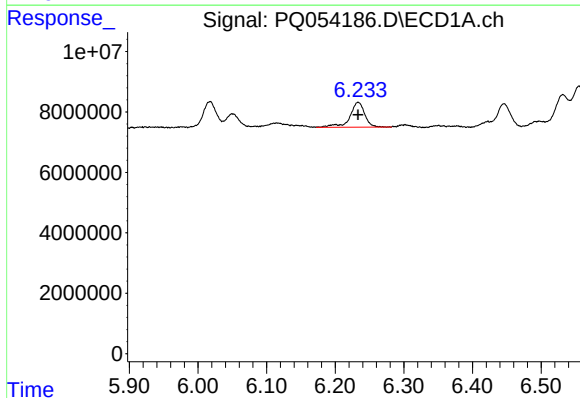
R.T.: 5.644 min
Delta R.T.: 0.002 min
Response: 16765875
Conc: 42.92 ng/ml

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



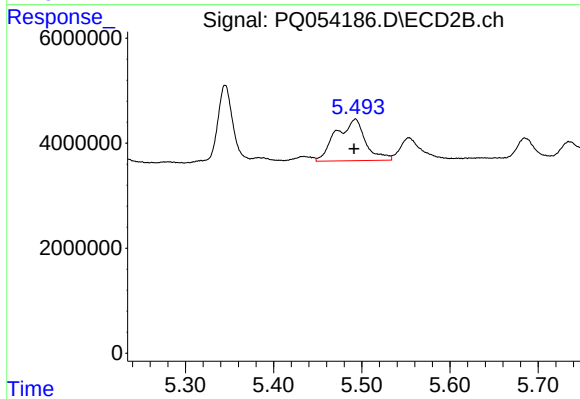
#11 AR-1232-1

R.T.: 4.656 min
Delta R.T.: 0.001 min
Response: 9181947
Conc: 39.34 ng/ml



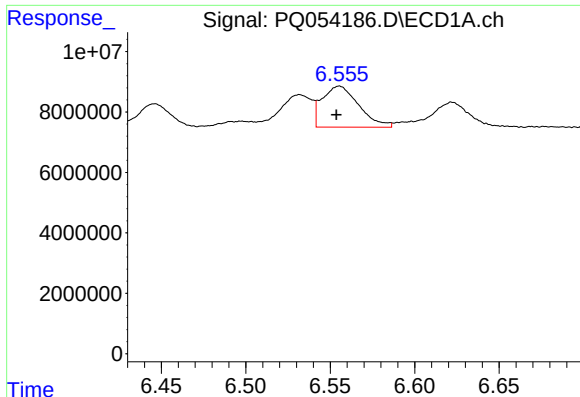
#12 AR-1232-2

R.T.: 6.233 min
Delta R.T.: 0.000 min
Response: 12329420
Conc: 53.08 ng/ml



#12 AR-1232-2

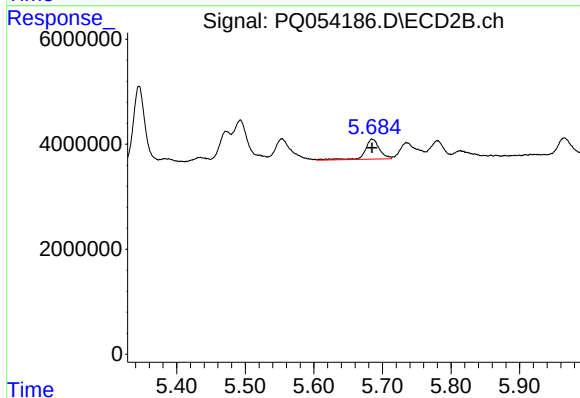
R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 18413851
Conc: 63.58 ng/ml



#13 AR-1232-3

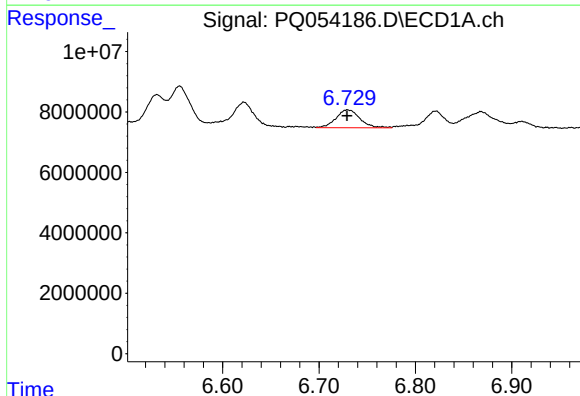
R.T.: 6.555 min
Delta R.T.: 0.002 min
Response: 20446885
Conc: 47.65 ng/ml

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



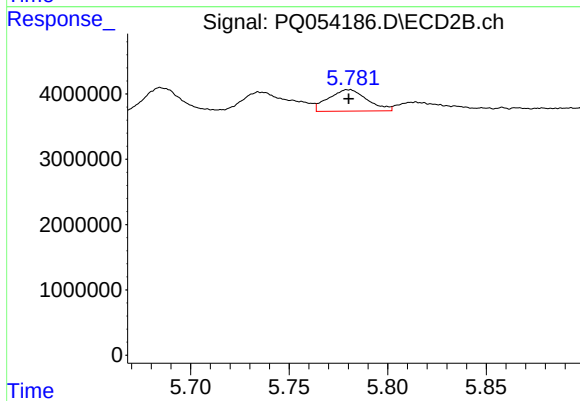
#13 AR-1232-3

R.T.: 5.685 min
Delta R.T.: 0.000 min
Response: 5664727
Conc: 42.70 ng/ml



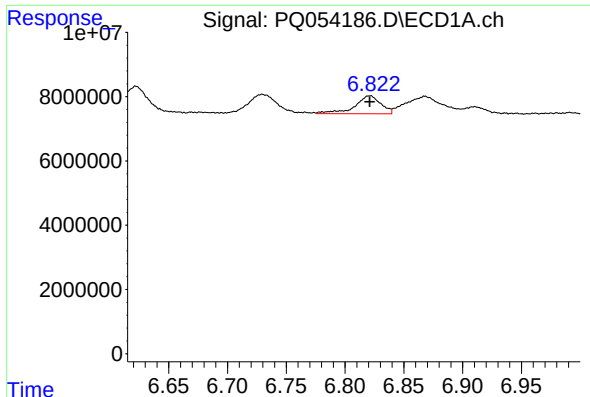
#14 AR-1232-4

R.T.: 6.730 min
Delta R.T.: 0.000 min
Response: 10219410
Conc: 47.18 ng/ml



#14 AR-1232-4

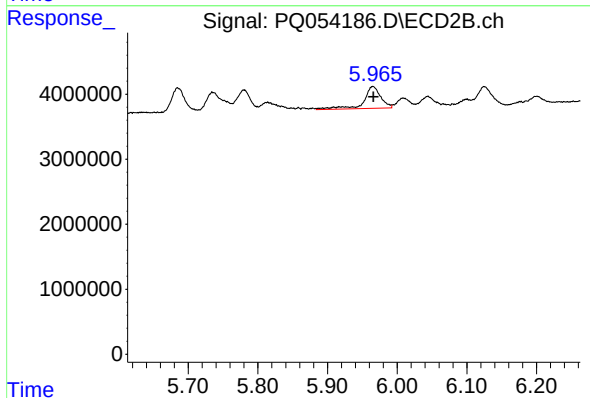
R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 4482576
Conc: 39.28 ng/ml



#15 AR-1232-5

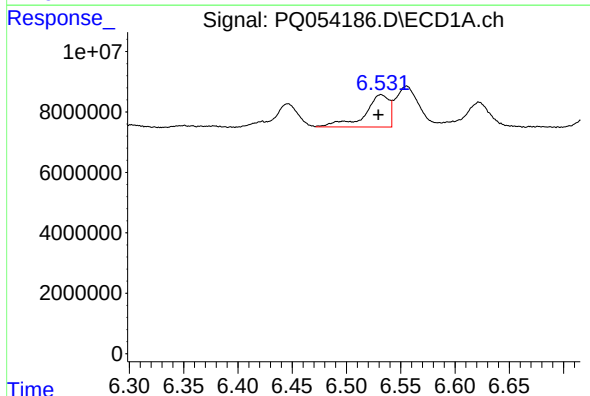
R.T.: 6.821 min
Delta R.T.: 0.000 min
Response: 8641210
Conc: 53.17 ng/ml

Instrument :
ECD_Q
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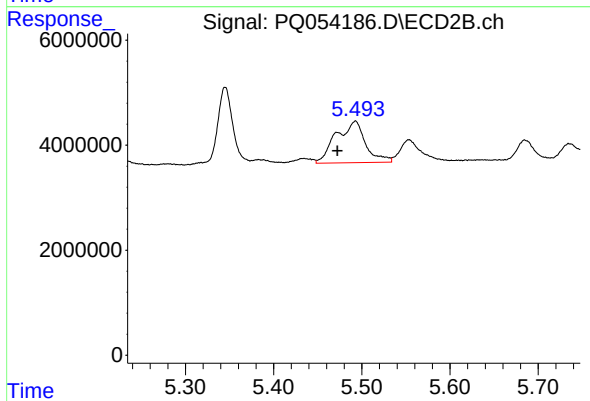
#15 AR-1232-5

R.T.: 5.965 min
Delta R.T.: 0.000 min
Response: 5729503
Conc: 44.58 ng/ml



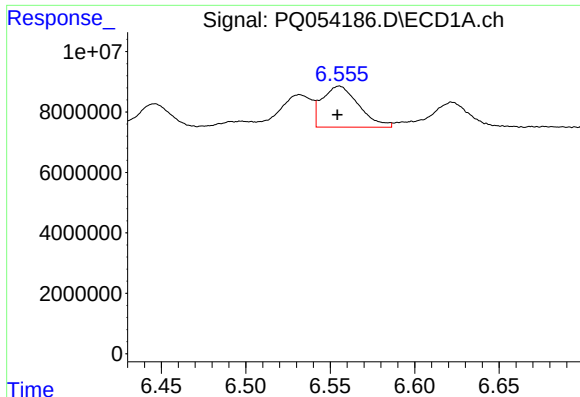
#16 AR-1242-1

R.T.: 6.532 min
Delta R.T.: 0.003 min
Response: 16660556
Conc: 36.28 ng/ml



#16 AR-1242-1

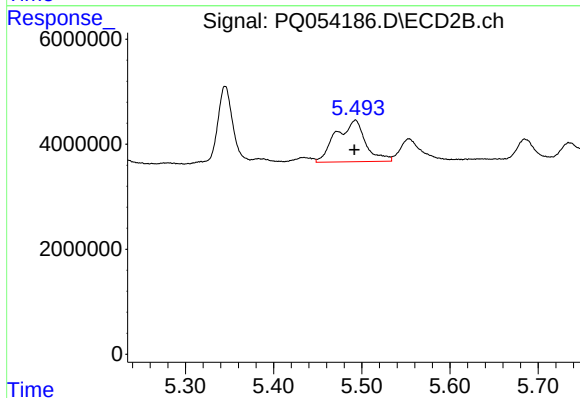
R.T.: 5.492 min
Delta R.T.: 0.020 min
Response: 18413851
Conc: 67.72 ng/ml



#17 AR-1242-2

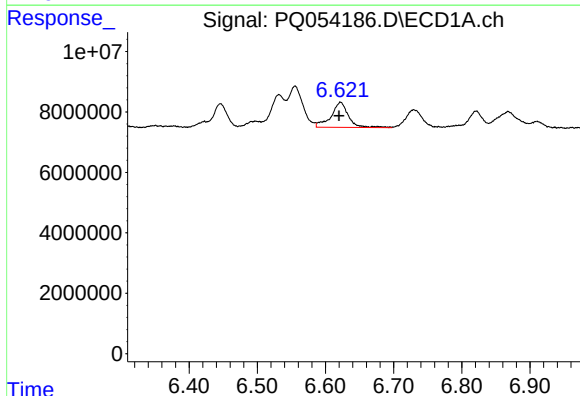
R.T.: 6.555 min
Delta R.T.: 0.001 min
Response: 20446885
Conc: 29.01 ng/ml

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



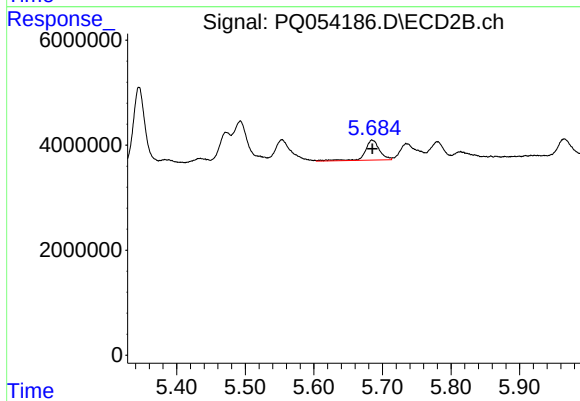
#17 AR-1242-2

R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 18413851
Conc: 39.12 ng/ml



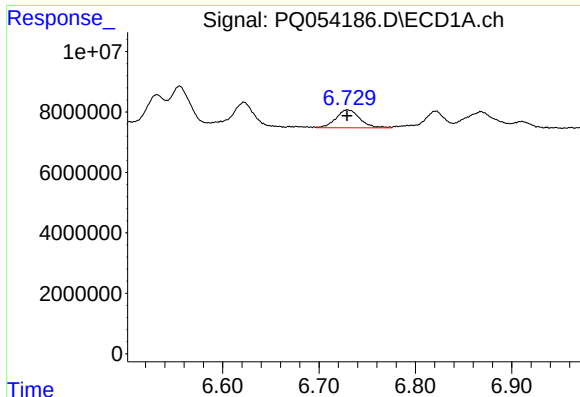
#18 AR-1242-3

R.T.: 6.622 min
Delta R.T.: 0.002 min
Response: 14701635
Conc: 33.77 ng/ml



#18 AR-1242-3

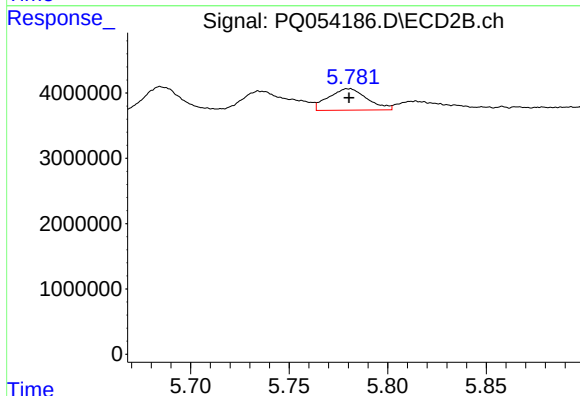
R.T.: 5.685 min
Delta R.T.: 0.000 min
Response: 5664727
Conc: 25.68 ng/ml



#19 AR-1242-4

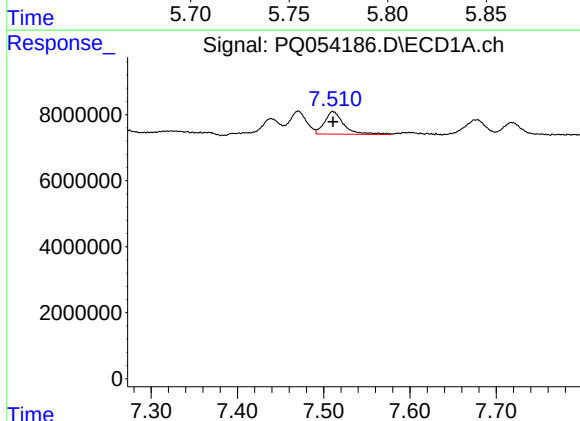
R.T.: 6.730 min
Delta R.T.: 0.000 min
Response: 10219410
Conc: 28.42 ng/ml

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



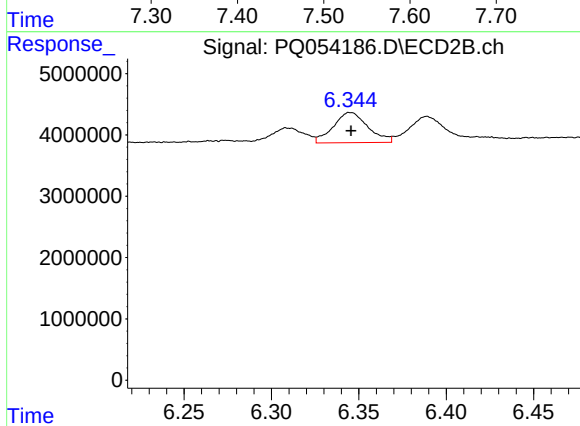
#19 AR-1242-4

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 4482576
Conc: 20.72 ng/ml



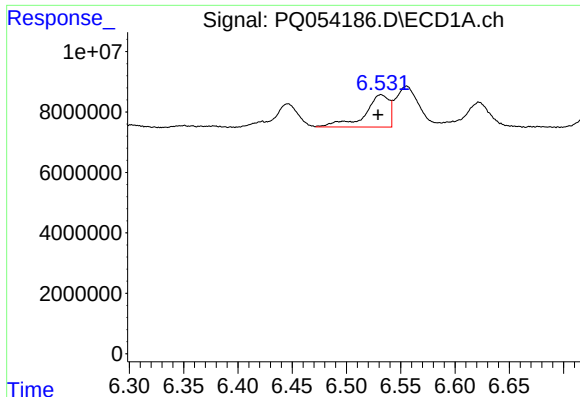
#20 AR-1242-5

R.T.: 7.511 min
Delta R.T.: 0.000 min
Response: 10589166
Conc: 28.76 ng/ml



#20 AR-1242-5

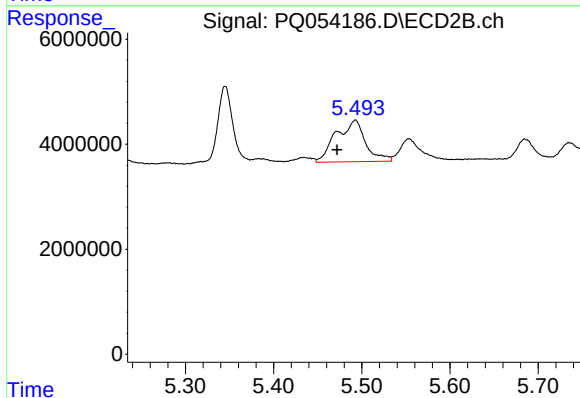
R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 6778521
Conc: 22.85 ng/ml



#21 AR-1248-1

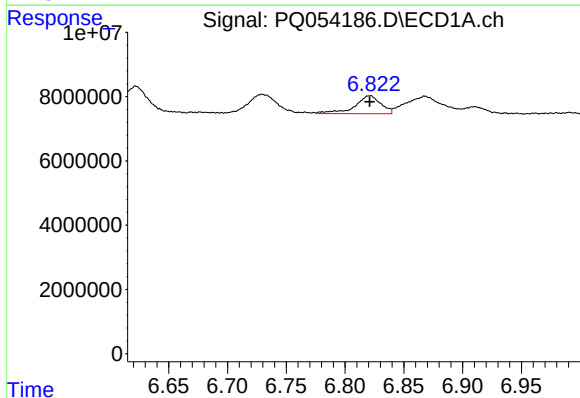
R.T.: 6.532 min
Delta R.T.: 0.003 min
Response: 16660556
Conc: 44.91 ng/ml

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



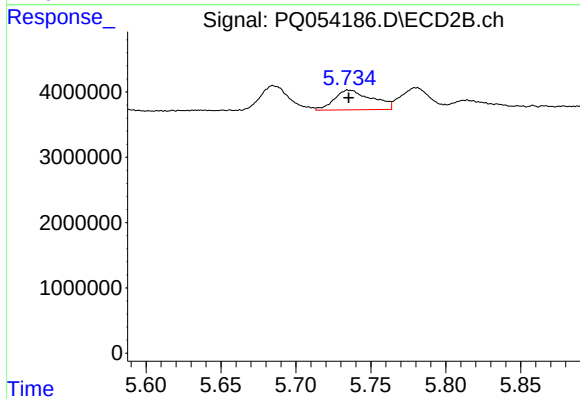
#21 AR-1248-1

R.T.: 5.492 min
Delta R.T.: 0.021 min
Response: 18413851
Conc: 81.62 ng/ml



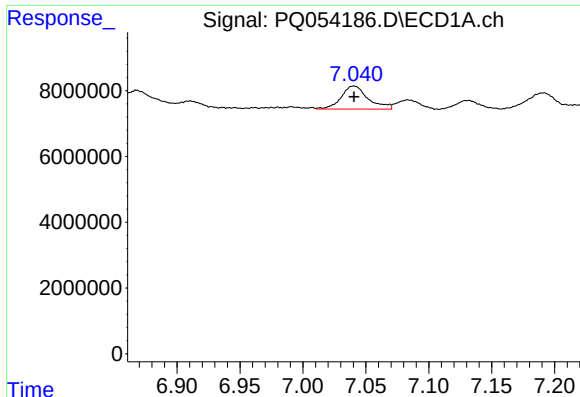
#22 AR-1248-2

R.T.: 6.821 min
Delta R.T.: 0.000 min
Response: 8641210
Conc: 16.50 ng/ml



#22 AR-1248-2

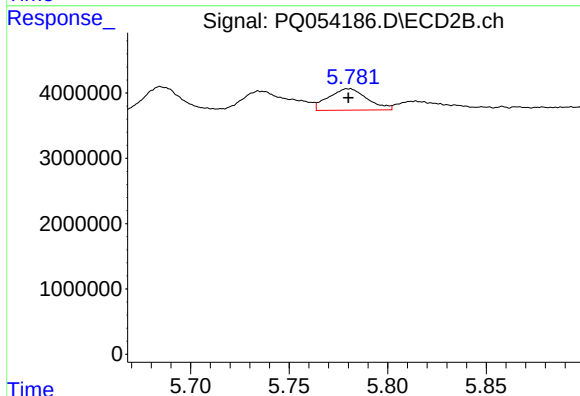
R.T.: 5.736 min
Delta R.T.: 0.000 min
Response: 5282777
Conc: 16.10 ng/ml



#23 AR-1248-3

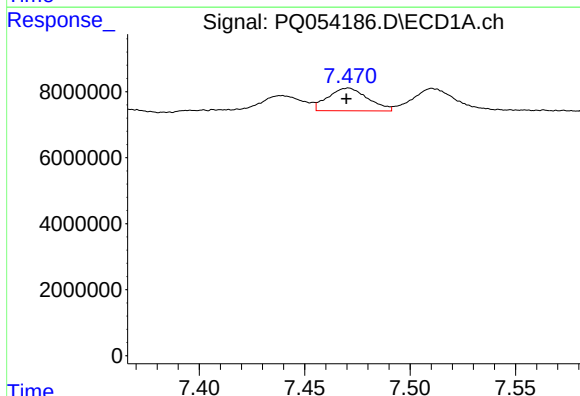
R.T.: 7.041 min
Delta R.T.: 0.000 min
Response: 10471183
Conc: 17.64 ng/ml

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



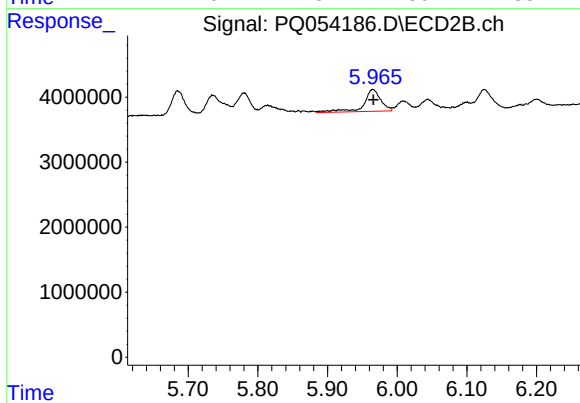
#23 AR-1248-3

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 4482576
Conc: 13.56 ng/ml



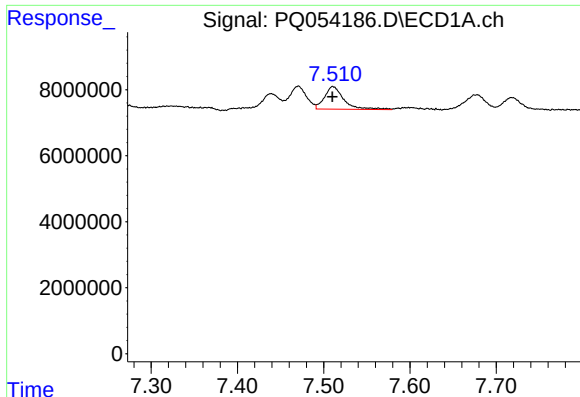
#24 AR-1248-4

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 9005555
Conc: 13.56 ng/ml



#24 AR-1248-4

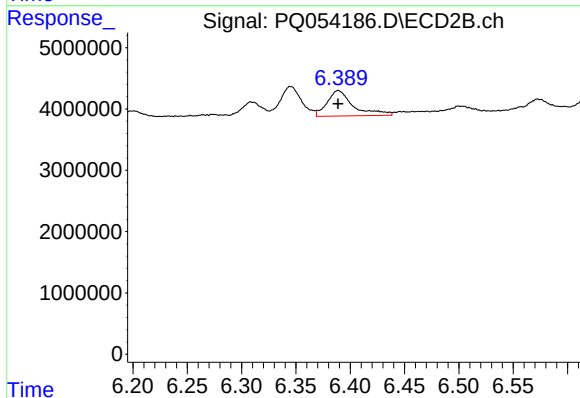
R.T.: 5.965 min
Delta R.T.: 0.000 min
Response: 5729503
Conc: 14.44 ng/ml



#25 AR-1248-5

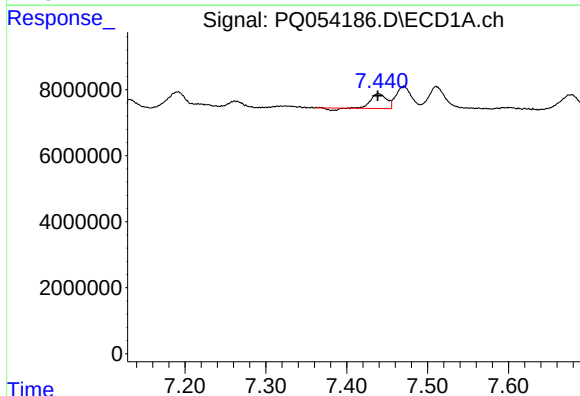
R.T.: 7.511 min
Delta R.T.: 0.001 min
Response: 10589166
Conc: 16.26 ng/ml

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



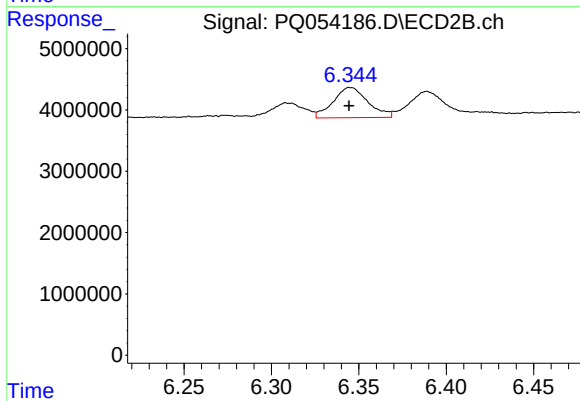
#25 AR-1248-5

R.T.: 6.389 min
Delta R.T.: 0.000 min
Response: 6969996
Conc: 17.49 ng/ml



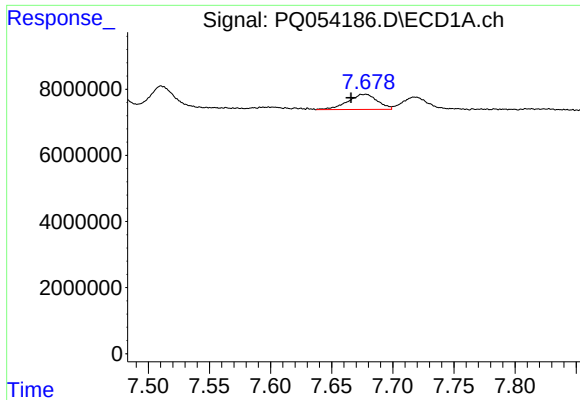
#26 AR-1254-1

R.T.: 7.439 min
Delta R.T.: 0.000 min
Response: 5663129
Conc: 8.01 ng/ml



#26 AR-1254-1

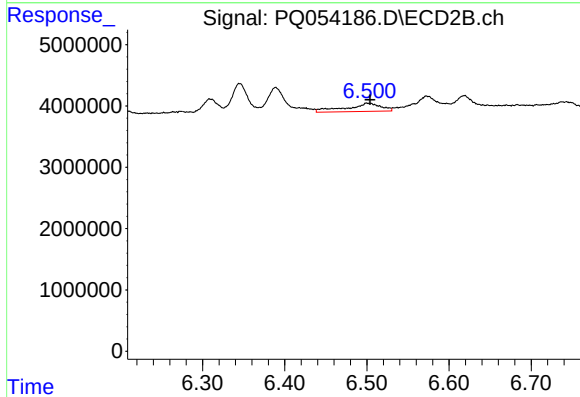
R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 6778521
Conc: 10.14 ng/ml



#27 AR-1254-2

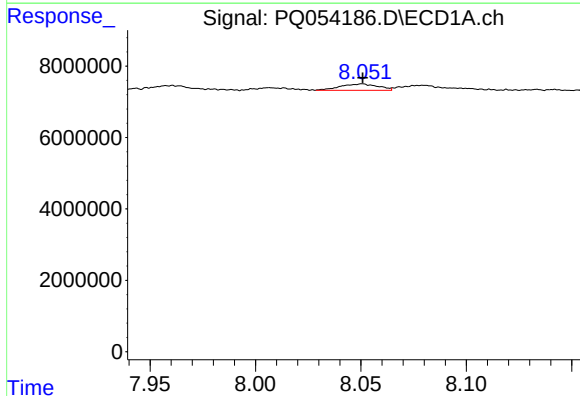
R.T.: 7.677 min
Delta R.T.: 0.011 min
Response: 7768376
Conc: 7.09 ng/ml

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



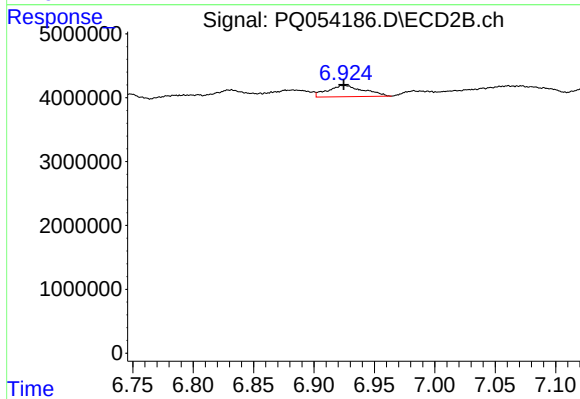
#27 AR-1254-2

R.T.: 6.502 min
Delta R.T.: -0.002 min
Response: 3943022
Conc: 6.41 ng/ml



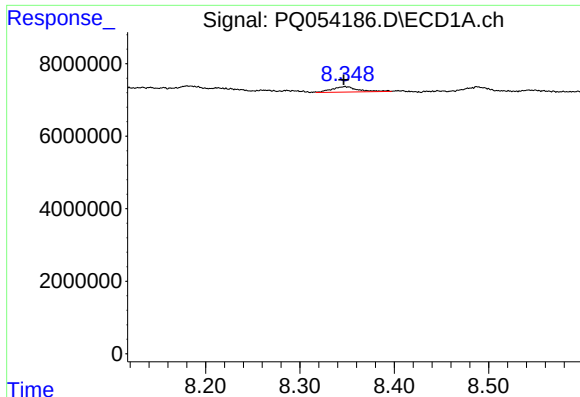
#28 AR-1254-3

R.T.: 8.050 min
Delta R.T.: 0.000 min
Response: 2220232
Conc: 1.89 ng/ml



#28 AR-1254-3

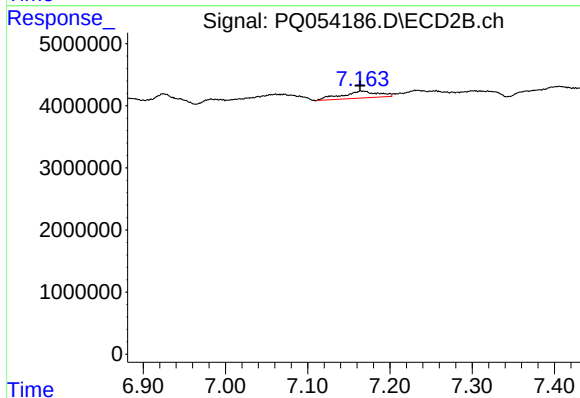
R.T.: 6.925 min
Delta R.T.: 0.000 min
Response: 3706287
Conc: 3.84 ng/ml



#29 AR-1254-4

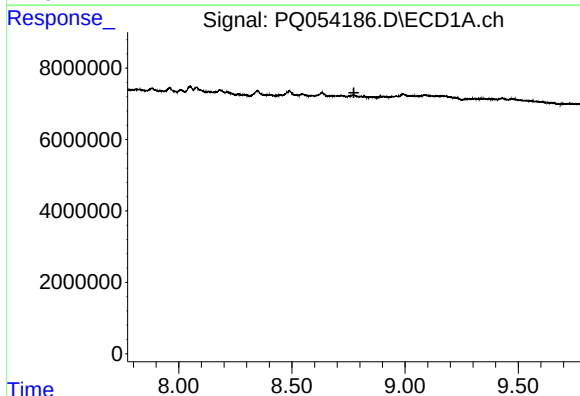
R.T.: 8.348 min
Delta R.T.: 0.002 min
Response: 2783205
Conc: 3.16 ng/ml

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



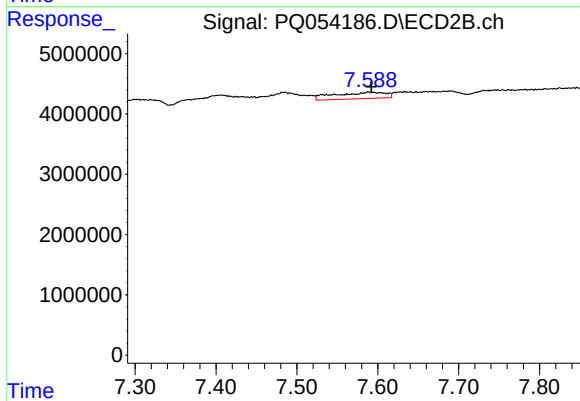
#29 AR-1254-4

R.T.: 7.167 min
Delta R.T.: 0.003 min
Response: 3401824
Conc: 5.10 ng/ml



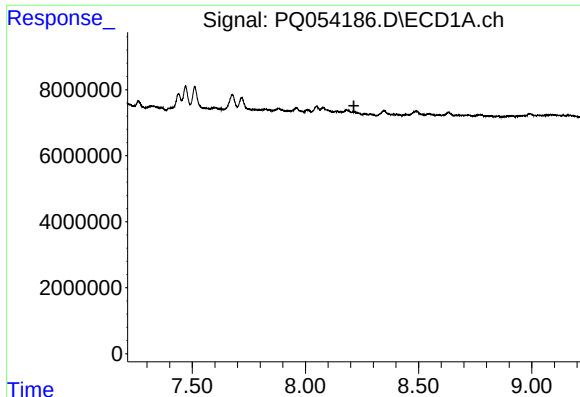
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 8.774 min
Response: 0
Conc: N.D.



#30 AR-1254-5

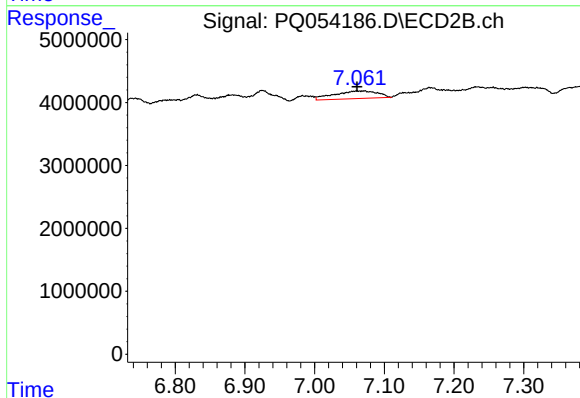
R.T.: 7.589 min
Delta R.T.: -0.003 min
Response: 4577656
Conc: 4.69 ng/ml



#31 AR-1260-1

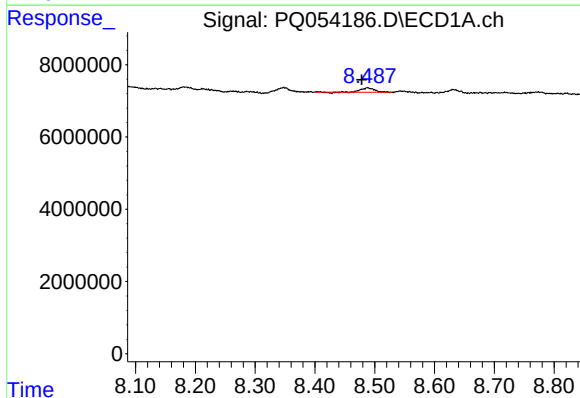
R.T.: 0.000 min
Exp R.T.: 8.214 min
Response: 0
Conc: N.D.

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



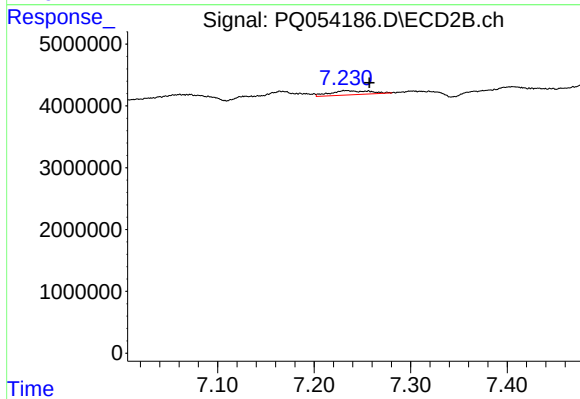
#31 AR-1260-1

R.T.: 7.069 min
Delta R.T.: 0.008 min
Response: 5166540
Conc: 6.89 ng/ml



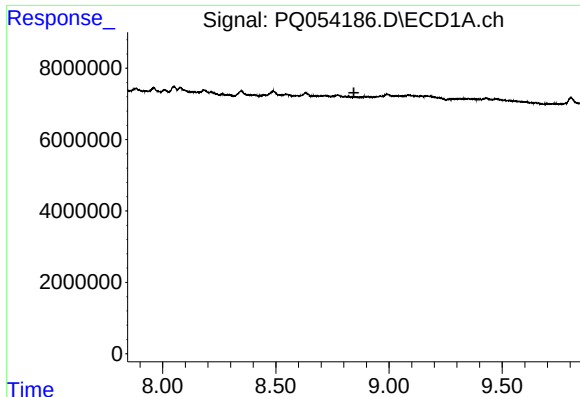
#32 AR-1260-2

R.T.: 8.488 min
Delta R.T.: 0.010 min
Response: 1875251
Conc: 1.65 ng/ml



#32 AR-1260-2

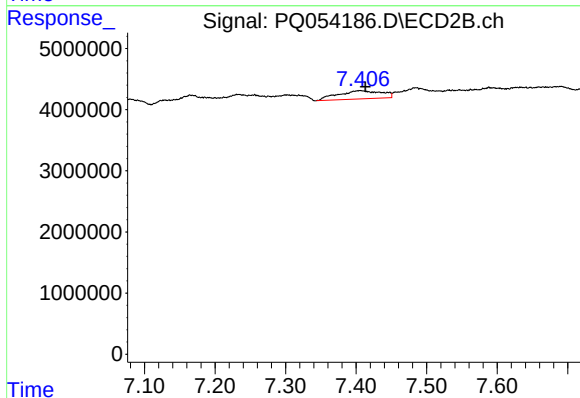
R.T.: 7.233 min
Delta R.T.: -0.024 min
Response: 1914250
Conc: 1.83 ng/ml



#33 AR-1260-3

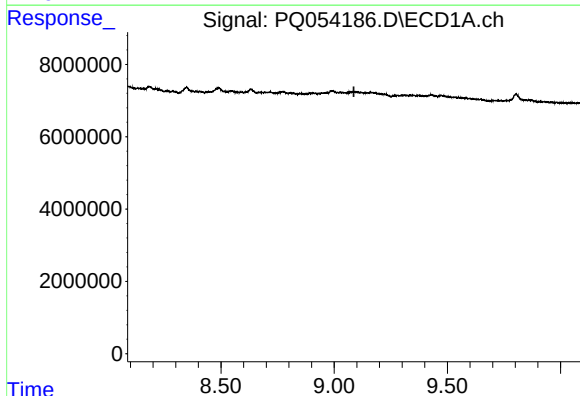
R.T.: 0.000 min
Exp R.T.: 8.845 min
Response: 0
Conc: N.D.

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



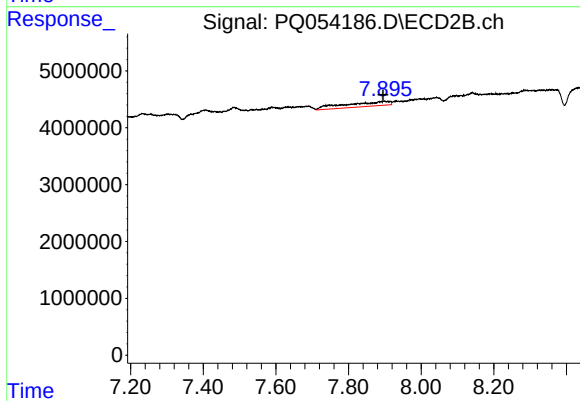
#33 AR-1260-3

R.T.: 7.406 min
Delta R.T.: -0.007 min
Response: 5770362
Conc: 6.63 ng/ml



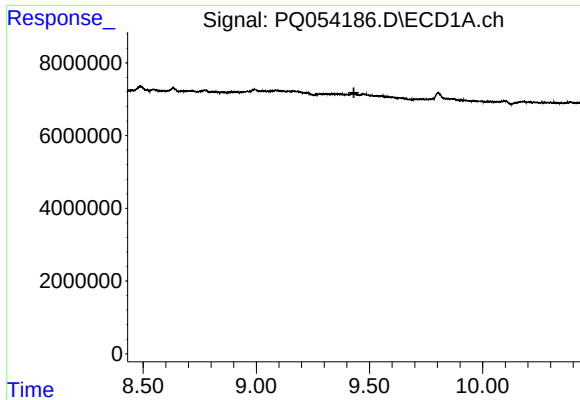
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 9.087 min
Response: 0
Conc: N.D.



#34 AR-1260-4

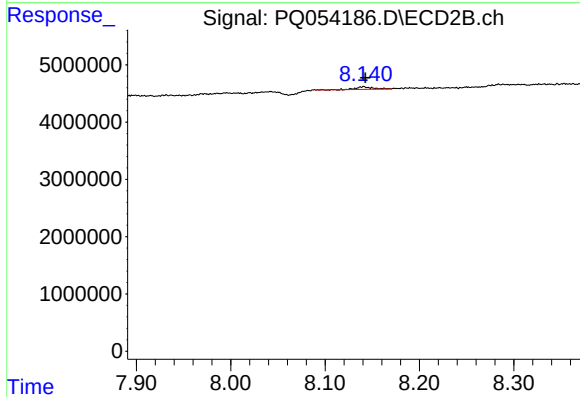
R.T.: 7.898 min
Delta R.T.: 0.002 min
Response: 6900201
Conc: 11.08 ng/ml



#35 AR-1260-5

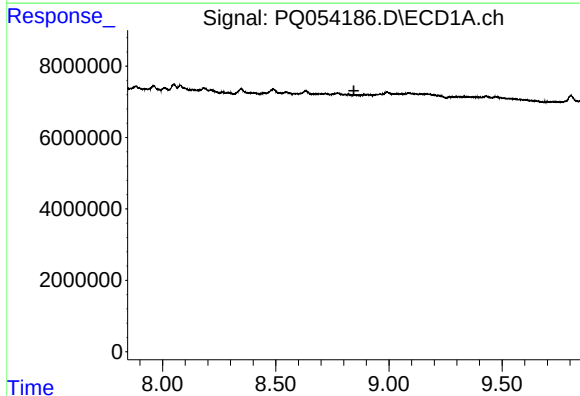
R.T.: 0.000 min
Exp R.T.: 9.431 min
Response: 0
Conc: N.D.

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



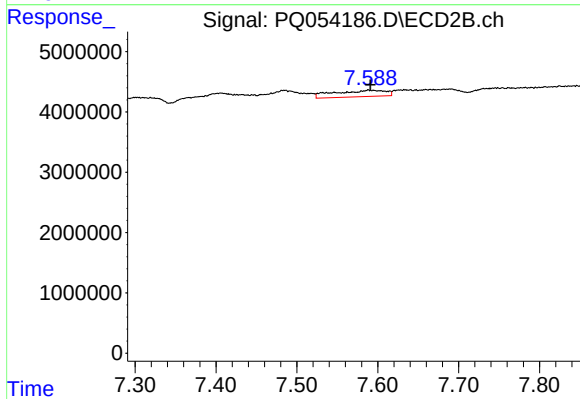
#35 AR-1260-5

R.T.: 8.141 min
Delta R.T.: -0.002 min
Response: 560784
Conc: 0.33 ng/ml



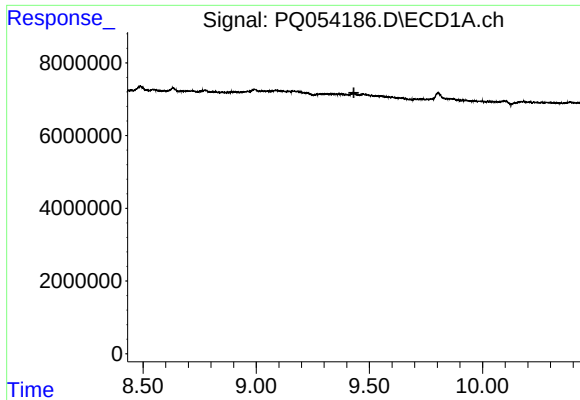
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 8.845 min
Response: 0
Conc: N.D.



#36 AR-1262-1

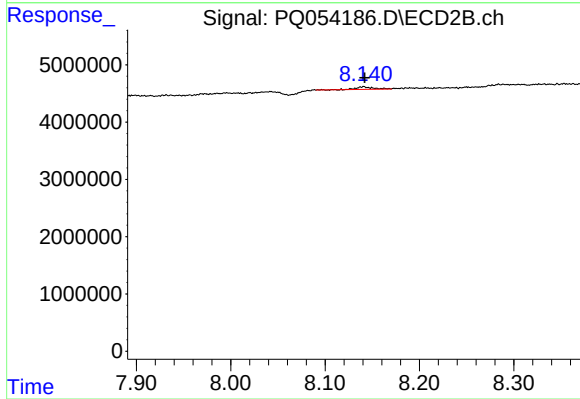
R.T.: 7.589 min
Delta R.T.: -0.001 min
Response: 4577656
Conc: 10.13 ng/ml



#37 AR-1262-2

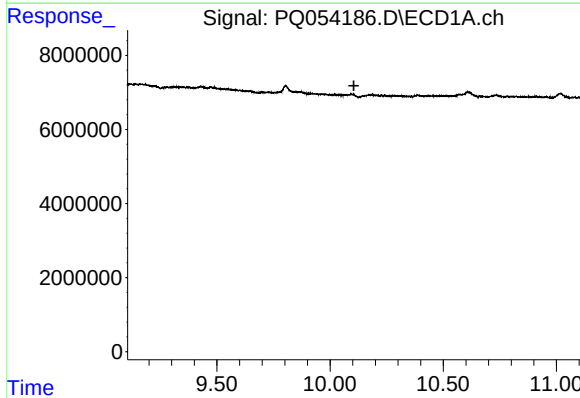
R.T.: 0.000 min
Exp R.T.: 9.432 min
Response: 0
Conc: N.D.

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



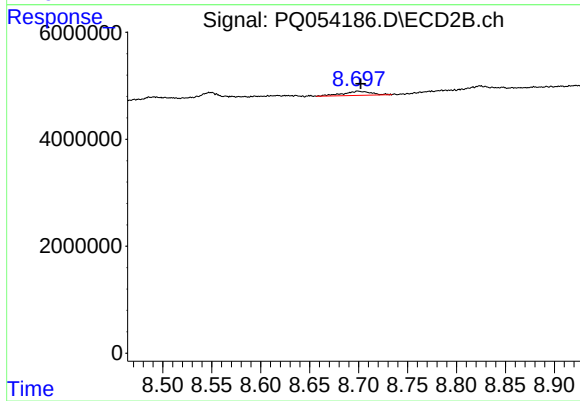
#37 AR-1262-2

R.T.: 8.141 min
Delta R.T.: -0.001 min
Response: 560784
Conc: 0.30 ng/ml



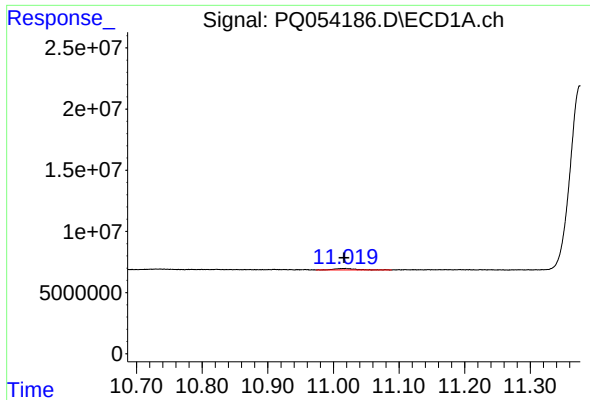
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 10.105 min
Response: 0
Conc: N.D.



#43 AR-1268-3

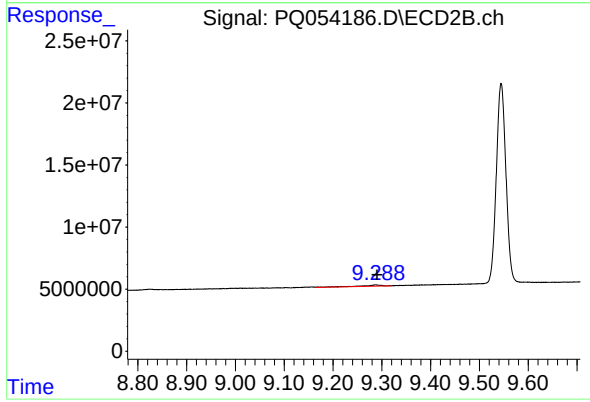
R.T.: 8.700 min
Delta R.T.: -0.002 min
Response: 1507791
Conc: 0.90 ng/ml



#45 AR-1268-5

R.T.: 11.017 min
Delta R.T.: 0.000 min
Response: 2591101
Conc: 0.48 ng/ml

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



#45 AR-1268-5

R.T.: 9.288 min
Delta R.T.: -0.003 min
Response: 2867865
Conc: 0.61 ng/ml