

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072921\
 Data File : PQ054145.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2021 19:25
 Operator : AJ\MA
 Sample : M2940-07
 Misc : AR1242 LOD 25 PPB
 ALS Vial : 17 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 30 04:15:55 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...	5.204	4.209	406.5E6	231.5E6	17.409	16.374
2)	SA Decachlor...	11.378	9.545	334.4E6	271.5E6	19.874	21.525
Target Compounds							
3)	L1 AR-1016-1	6.532	5.492f	12793779	22201075	17.454	49.042 #
4)	L1 AR-1016-2	6.556	5.492	19322684	22201075	17.202	29.951 #
5)	L1 AR-1016-3	6.622	5.686	15079814	6212321	21.861	17.232
6)	L1 AR-1016-4	6.730	5.735	12857852	6510691	22.602	22.811
7)	L1 AR-1016-5	7.041	5.966	12120605	7504632	22.392	20.597
8)	L2 AR-1221-1	5.426f	4.463	1151931	642871	4.761	4.512
9)	L2 AR-1221-2	5.561	4.567	8009945	3649940	44.218	34.599
10)	L2 AR-1221-3	5.644	4.656	7062313	4221184	12.343	12.029
11)	L3 AR-1232-1	5.644	4.656	7062313	4221184	18.078	18.085
12)	L3 AR-1232-2	6.233	5.492	12933164	22201075	55.674	76.655 #
13)	L3 AR-1232-3	6.556	5.686	19322684	6212321	45.030	46.824
14)	L3 AR-1232-4	6.730	5.781	12857852	6344599	59.367	55.601
15)	L3 AR-1232-5	6.822	5.966	9083807	7504632	55.895	58.396
16)	L4 AR-1242-1	6.532	5.492f	12793779	22201075	27.861	81.652 #
17)	L4 AR-1242-2	6.556	5.492	19322684	22201075	27.416	47.170 #
18)	L4 AR-1242-3	6.622	5.686	15079814	6212321	34.638	28.159
19)	L4 AR-1242-4	6.730	5.781	12857852	6344599	35.759	29.327
20)	L4 AR-1242-5	7.512	6.345	11195114	9004611	30.410	30.354
21)	L5 AR-1248-1	6.532	5.492f	12793779	22201075	34.487	98.402 #
22)	L5 AR-1248-2	6.822	5.735	9083807	6510691	17.342	19.837
23)	L5 AR-1248-3	7.041	5.781	12120605	6344599	20.423	19.186
24)	L5 AR-1248-4	7.471	5.966	10258609	7504632	15.443	18.909
25)	L5 AR-1248-5	7.512	6.389	11195114	6881101	17.194	17.265
26)	L6 AR-1254-1	7.439	6.345	9754365	9004611	13.801	13.465
27)	L6 AR-1254-2	7.676	6.503	9833314	5597341	8.980	9.103
28)	L6 AR-1254-3	8.051	6.925	2949449	6061688	2.508	6.278 #
29)	L6 AR-1254-4	8.347	7.165	3988191	7609775	4.525	11.418 #
30)	L6 AR-1254-5	0.000	7.593	0	3948513	N.D.	4.048 #
31)	L7 AR-1260-1	8.185f	7.067	2233229	6939410	2.275	9.258 #
32)	L7 AR-1260-2	8.493	7.257	3402892	3475050	2.997	3.327
33)	L7 AR-1260-3	0.000	7.409	0	6970973	N.D.	8.010 #
35)	L7 AR-1260-5	0.000	8.140	0	5072282	N.D.	2.960 #
36)	L8 AR-1262-1	0.000	7.593	0	3948513	N.D.	8.737 #
37)	L8 AR-1262-2	0.000	8.140	0	5072282	N.D.	2.694 #
43)	L9 AR-1268-3	0.000	8.703	0	1910531	N.D.	1.143 #
45)	L9 AR-1268-5	0.000	9.289	0	4626002	N.D.	0.982 #

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

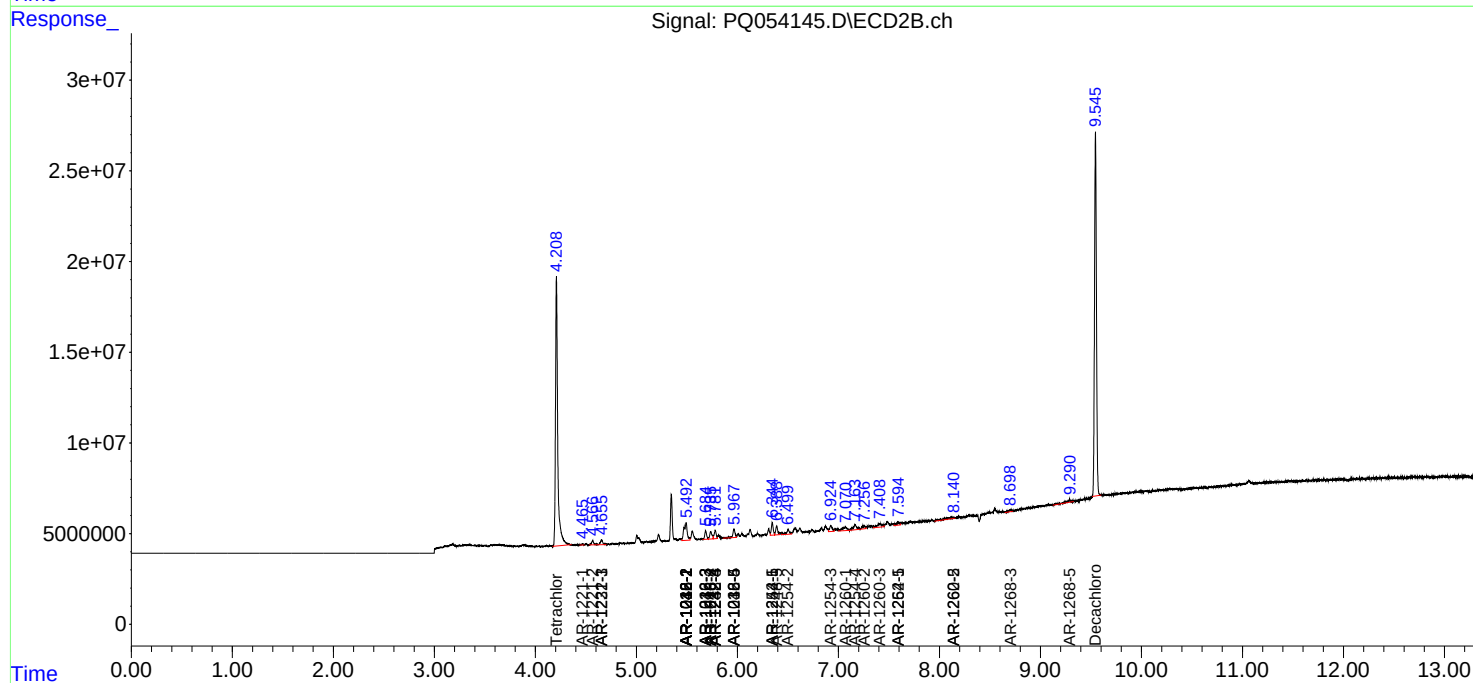
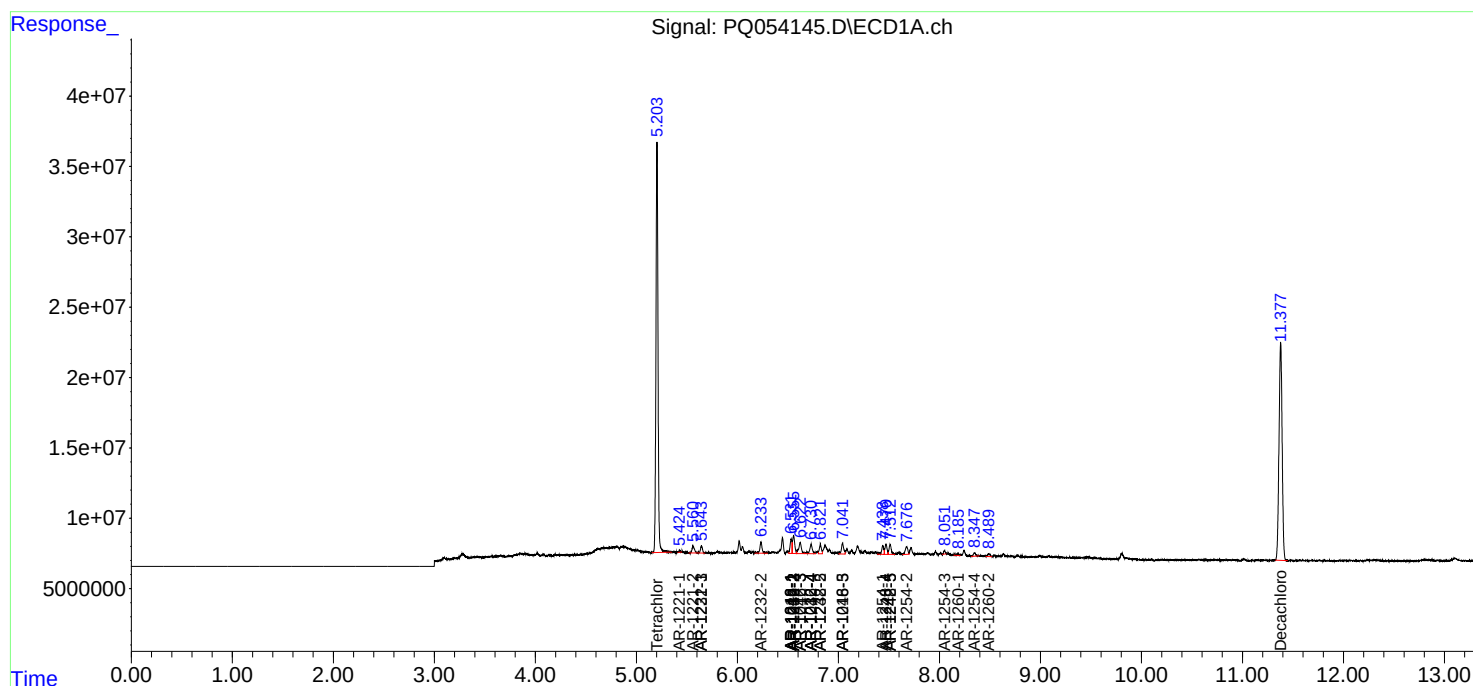
Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

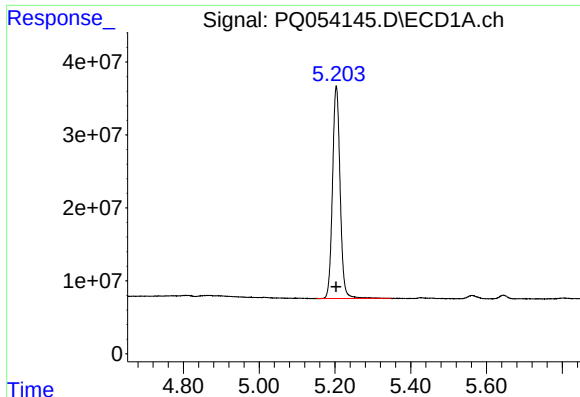
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072921\
Data File : PQ054145.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Misc : AR1242 LOD 25 PPB
ALS Vial : 17 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 04:15:55 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

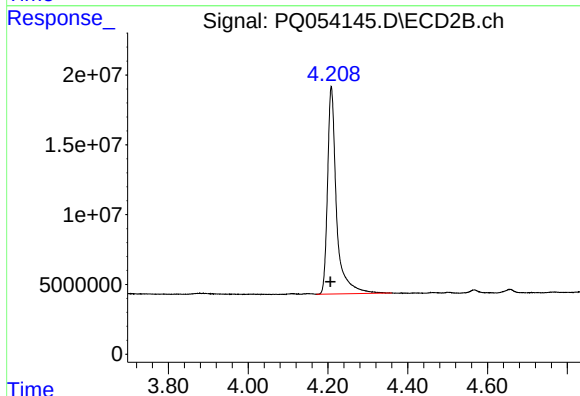




#1 Tetrachloro-m-xylene

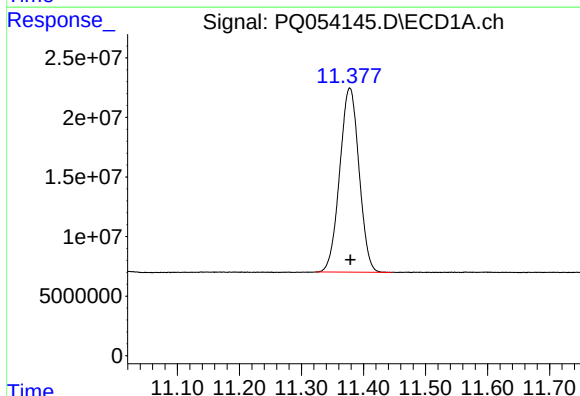
R.T.: 5.204 min
Delta R.T.: 0.000 min
Response: 406541672
Conc: 17.41 ng/ml

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



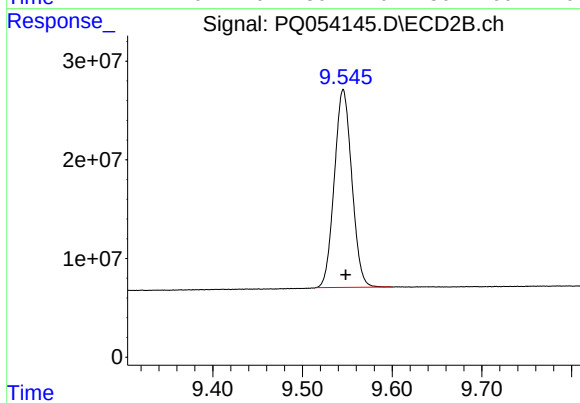
#1 Tetrachloro-m-xylene

R.T.: 4.209 min
Delta R.T.: 0.002 min
Response: 231489136
Conc: 16.37 ng/ml



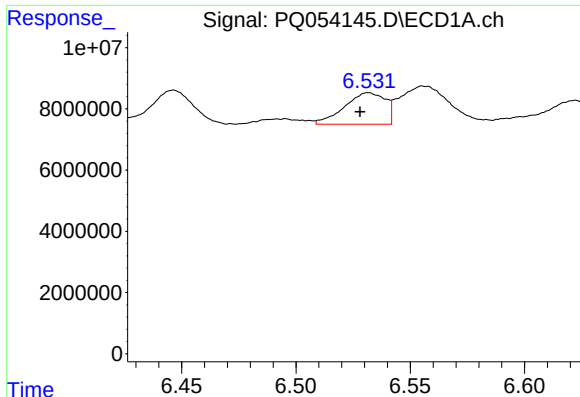
#2 Decachlorobiphenyl

R.T.: 11.378 min
Delta R.T.: 0.000 min
Response: 334402596
Conc: 19.87 ng/ml



#2 Decachlorobiphenyl

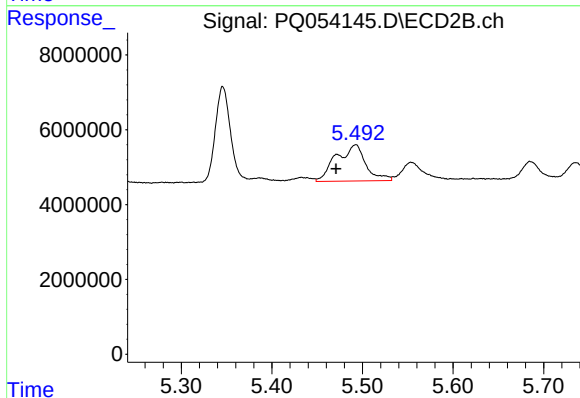
R.T.: 9.545 min
Delta R.T.: -0.003 min
Response: 271514095
Conc: 21.52 ng/ml



#3 AR-1016-1

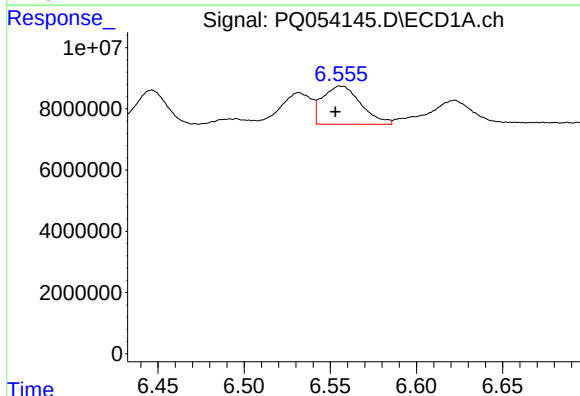
R.T.: 6.532 min
Delta R.T.: 0.004 min
Response: 12793779
Conc: 17.45 ng/ml

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



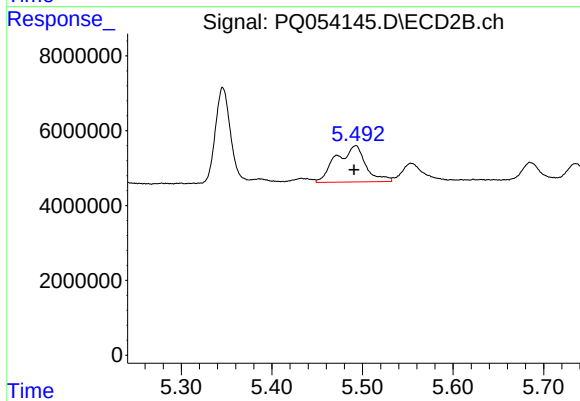
#3 AR-1016-1

R.T.: 5.492 min
Delta R.T.: 0.021 min
Response: 22201075
Conc: 49.04 ng/ml



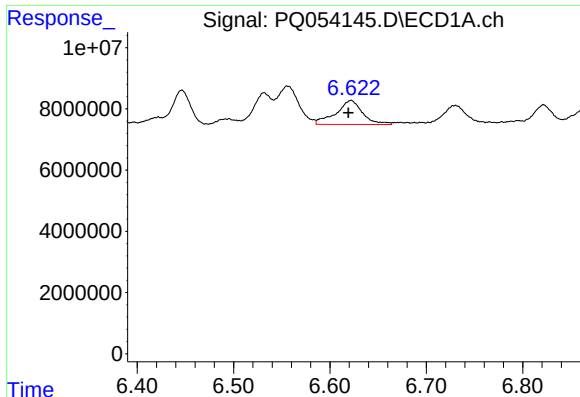
#4 AR-1016-2

R.T.: 6.556 min
Delta R.T.: 0.003 min
Response: 19322684
Conc: 17.20 ng/ml



#4 AR-1016-2

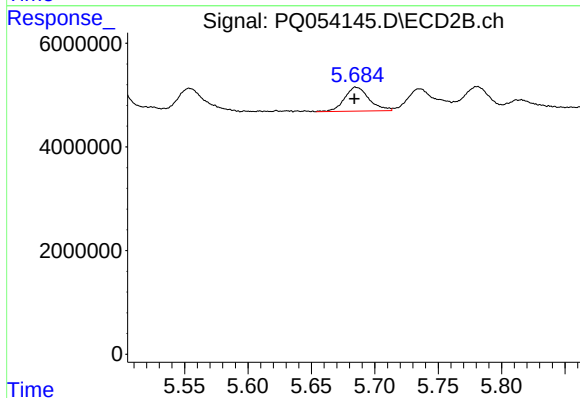
R.T.: 5.492 min
Delta R.T.: 0.001 min
Response: 22201075
Conc: 29.95 ng/ml



#5 AR-1016-3

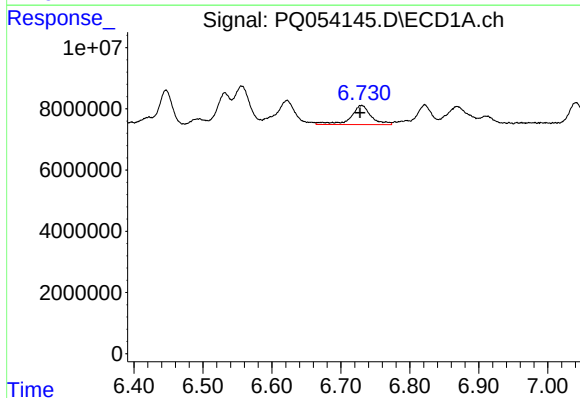
R.T.: 6.622 min
Delta R.T.: 0.003 min
Response: 15079814
Conc: 21.86 ng/ml

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



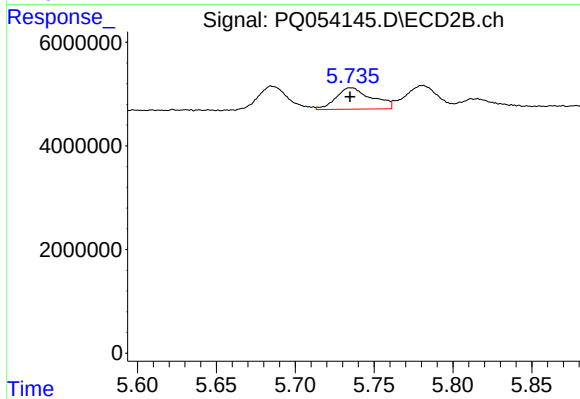
#5 AR-1016-3

R.T.: 5.686 min
Delta R.T.: 0.002 min
Response: 6212321
Conc: 17.23 ng/ml



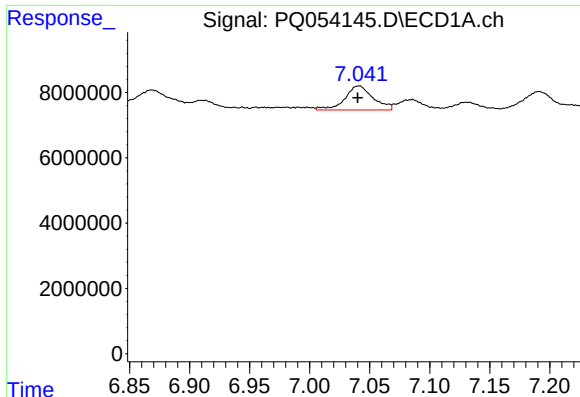
#6 AR-1016-4

R.T.: 6.730 min
Delta R.T.: 0.002 min
Response: 12857852
Conc: 22.60 ng/ml



#6 AR-1016-4

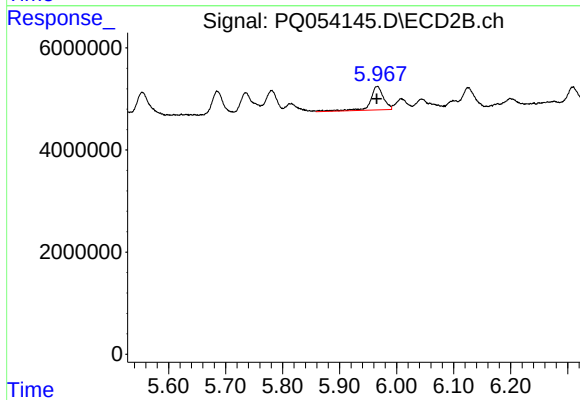
R.T.: 5.735 min
Delta R.T.: 0.000 min
Response: 6510691
Conc: 22.81 ng/ml



#7 AR-1016-5

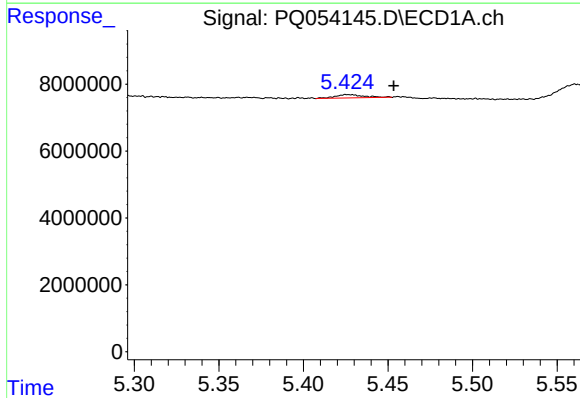
R.T.: 7.041 min
Delta R.T.: 0.000 min
Response: 12120605
Conc: 22.39 ng/ml

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



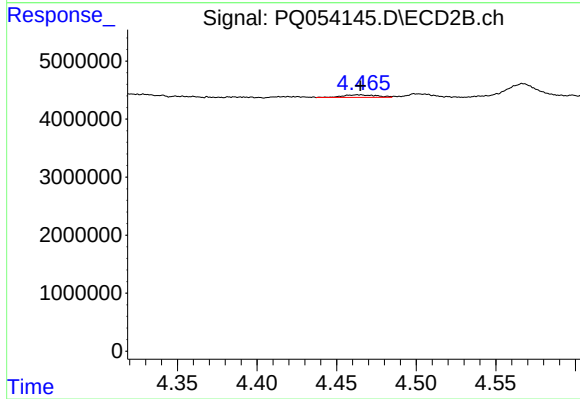
#7 AR-1016-5

R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 7504632
Conc: 20.60 ng/ml



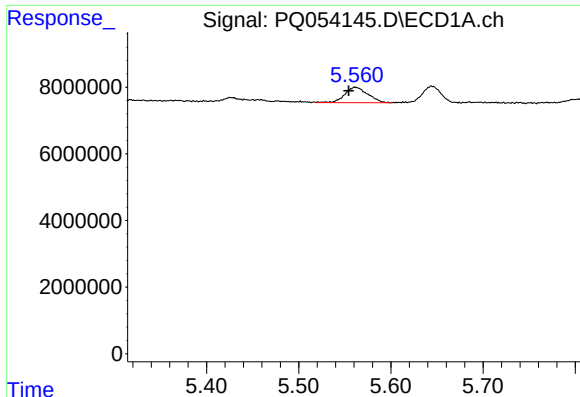
#8 AR-1221-1

R.T.: 5.426 min
Delta R.T.: -0.027 min
Response: 1151931
Conc: 4.76 ng/ml



#8 AR-1221-1

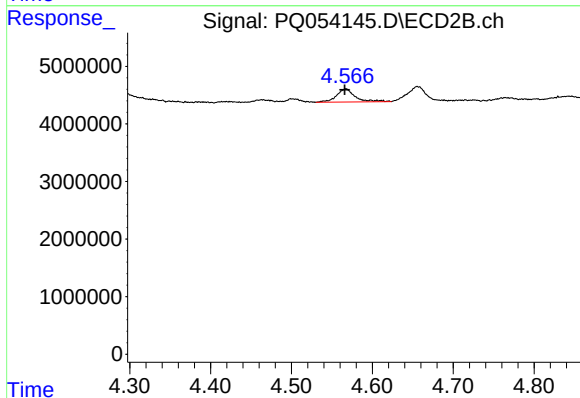
R.T.: 4.463 min
Delta R.T.: -0.002 min
Response: 642871
Conc: 4.51 ng/ml



#9 AR-1221-2

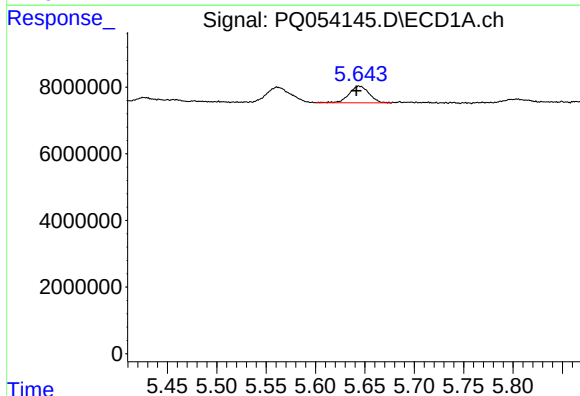
R.T.: 5.561 min
Delta R.T.: 0.007 min
Response: 8009945
Conc: 44.22 ng/ml

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



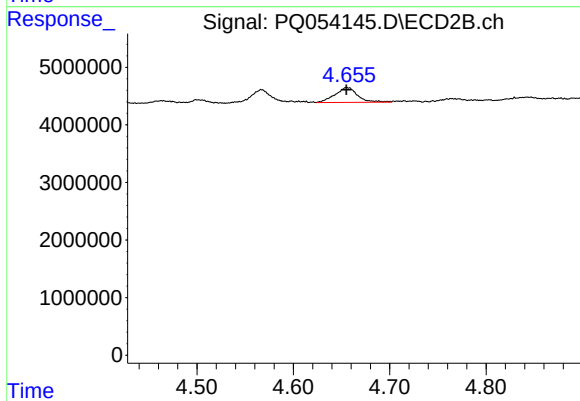
#9 AR-1221-2

R.T.: 4.567 min
Delta R.T.: 0.001 min
Response: 3649940
Conc: 34.60 ng/ml



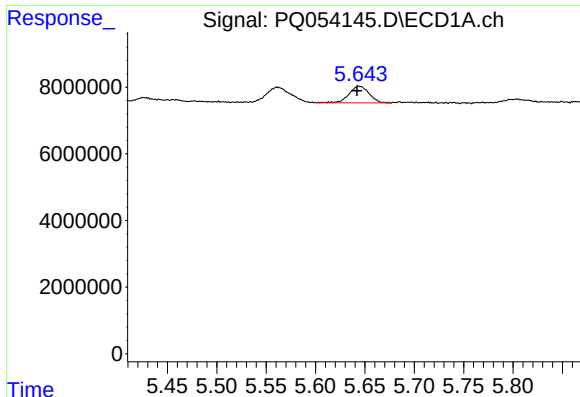
#10 AR-1221-3

R.T.: 5.644 min
Delta R.T.: 0.003 min
Response: 7062313
Conc: 12.34 ng/ml



#10 AR-1221-3

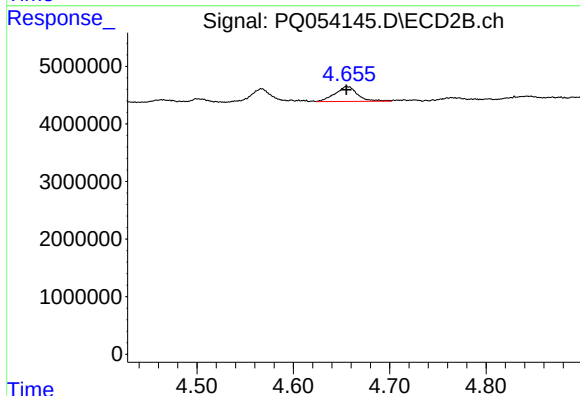
R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 4221184
Conc: 12.03 ng/ml



#11 AR-1232-1

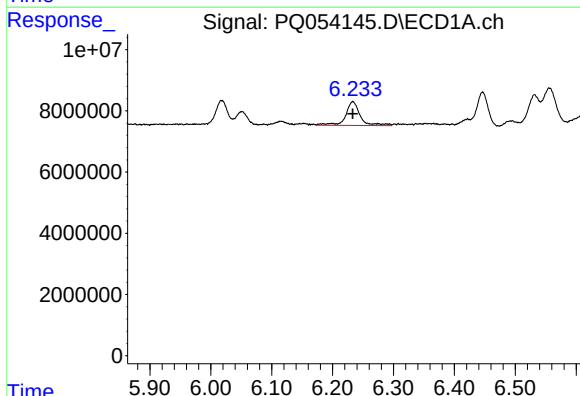
R.T.: 5.644 min
Delta R.T.: 0.002 min
Response: 7062313
Conc: 18.08 ng/ml

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



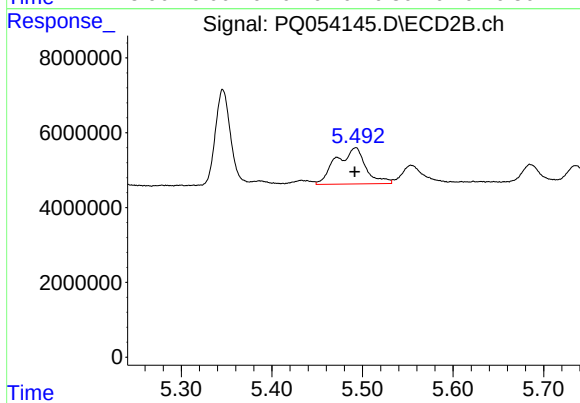
#11 AR-1232-1

R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 4221184
Conc: 18.08 ng/ml



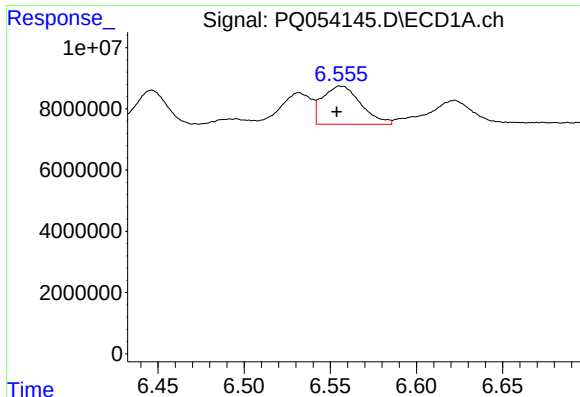
#12 AR-1232-2

R.T.: 6.233 min
Delta R.T.: 0.000 min
Response: 12933164
Conc: 55.67 ng/ml



#12 AR-1232-2

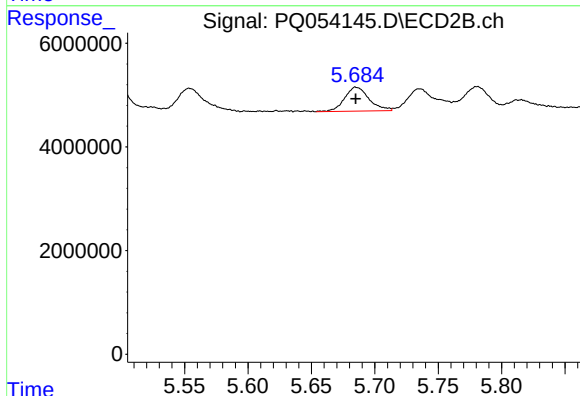
R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 22201075
Conc: 76.65 ng/ml



#13 AR-1232-3

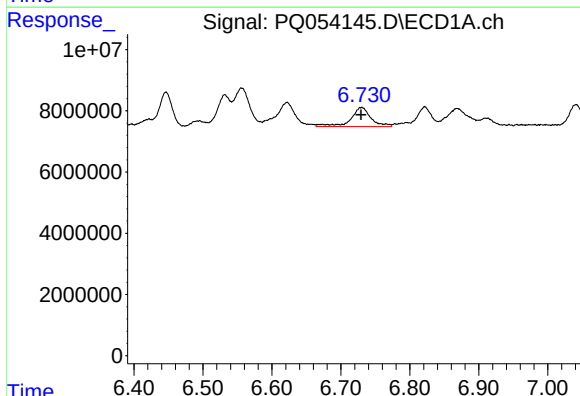
R.T.: 6.556 min
Delta R.T.: 0.003 min
Response: 19322684
Conc: 45.03 ng/ml

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



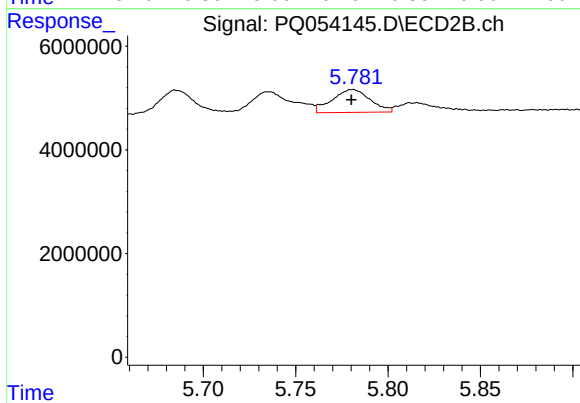
#13 AR-1232-3

R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 6212321
Conc: 46.82 ng/ml



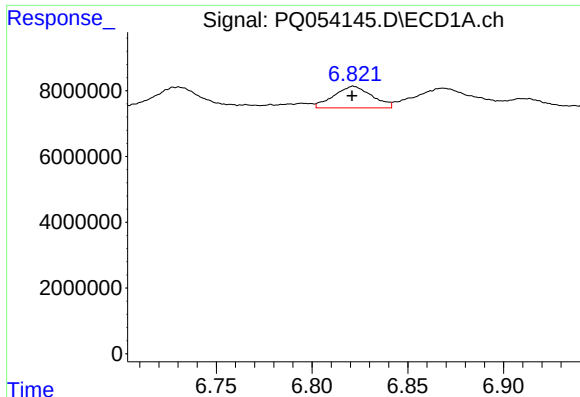
#14 AR-1232-4

R.T.: 6.730 min
Delta R.T.: 0.000 min
Response: 12857852
Conc: 59.37 ng/ml



#14 AR-1232-4

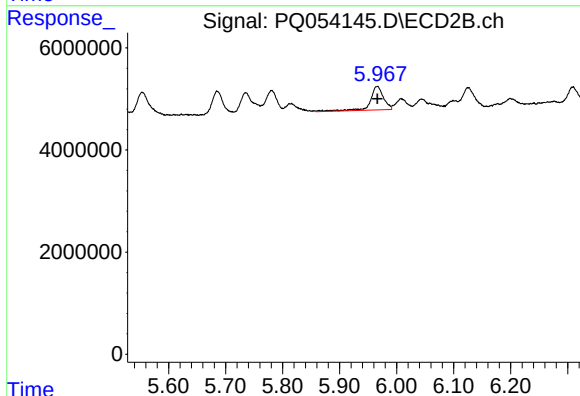
R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 6344599
Conc: 55.60 ng/ml



#15 AR-1232-5

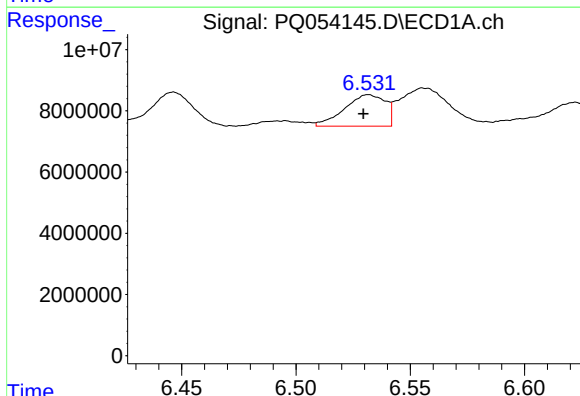
R.T.: 6.822 min
Delta R.T.: 0.000 min
Response: 9083807
Conc: 55.90 ng/ml

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



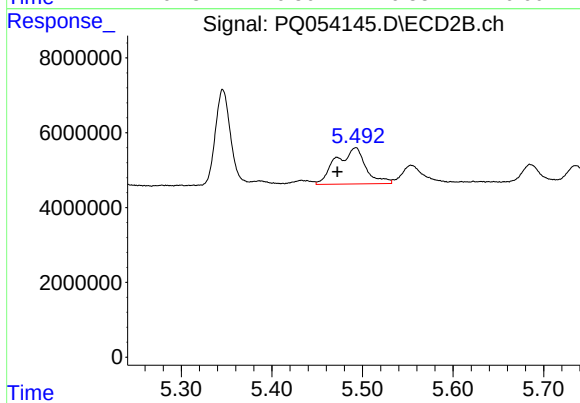
#15 AR-1232-5

R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 7504632
Conc: 58.40 ng/ml



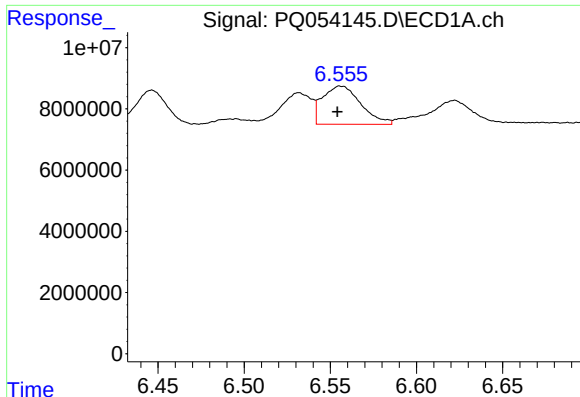
#16 AR-1242-1

R.T.: 6.532 min
Delta R.T.: 0.002 min
Response: 12793779
Conc: 27.86 ng/ml



#16 AR-1242-1

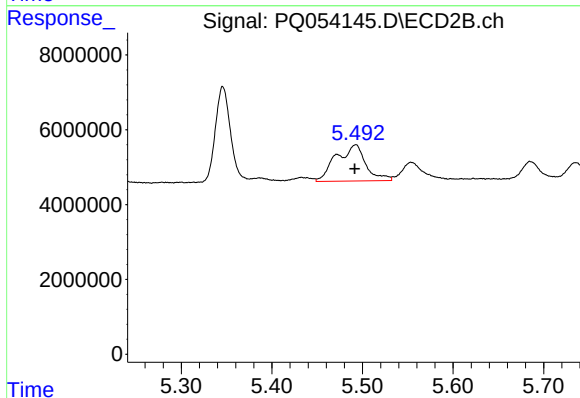
R.T.: 5.492 min
Delta R.T.: 0.020 min
Response: 22201075
Conc: 81.65 ng/ml



#17 AR-1242-2

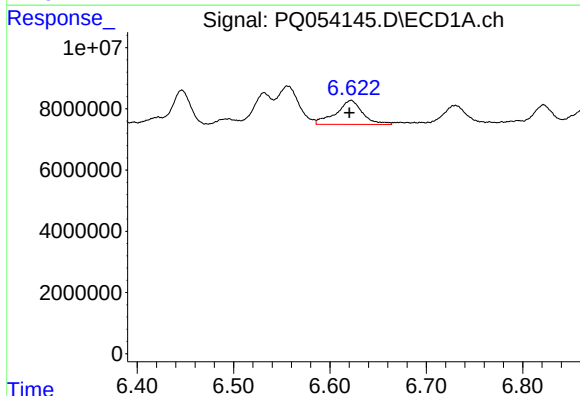
R.T.: 6.556 min
Delta R.T.: 0.002 min
Response: 19322684
Conc: 27.42 ng/ml

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



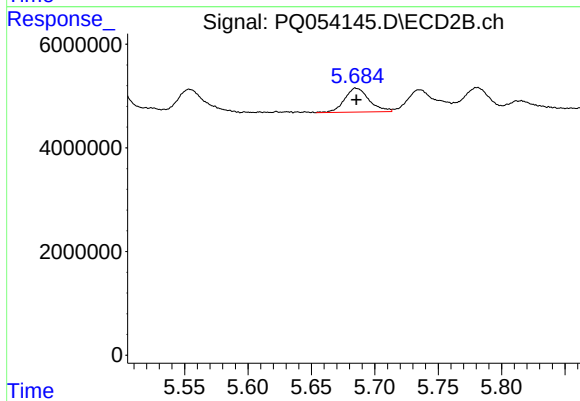
#17 AR-1242-2

R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 22201075
Conc: 47.17 ng/ml



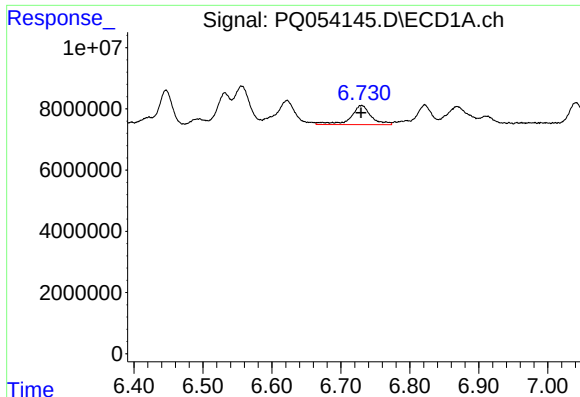
#18 AR-1242-3

R.T.: 6.622 min
Delta R.T.: 0.002 min
Response: 15079814
Conc: 34.64 ng/ml



#18 AR-1242-3

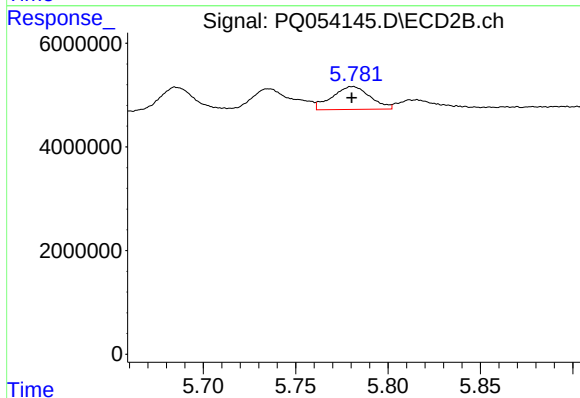
R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 6212321
Conc: 28.16 ng/ml



#19 AR-1242-4

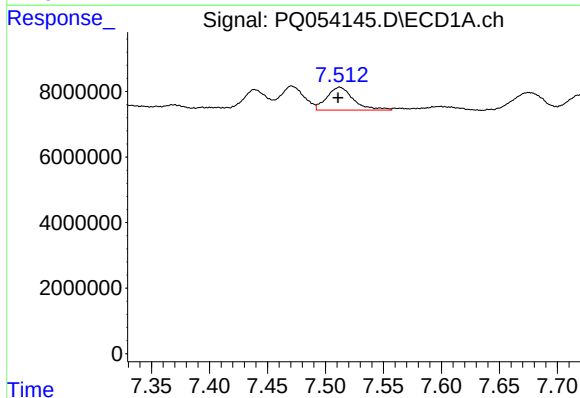
R.T.: 6.730 min
Delta R.T.: 0.000 min
Response: 12857852
Conc: 35.76 ng/ml

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



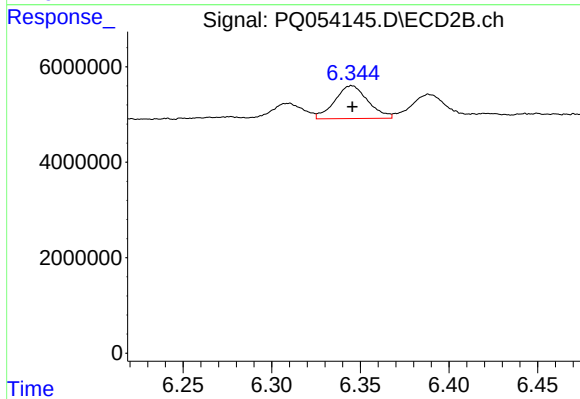
#19 AR-1242-4

R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 6344599
Conc: 29.33 ng/ml



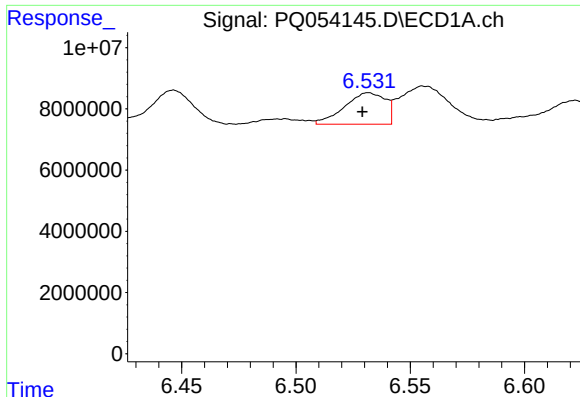
#20 AR-1242-5

R.T.: 7.512 min
Delta R.T.: 0.002 min
Response: 11195114
Conc: 30.41 ng/ml



#20 AR-1242-5

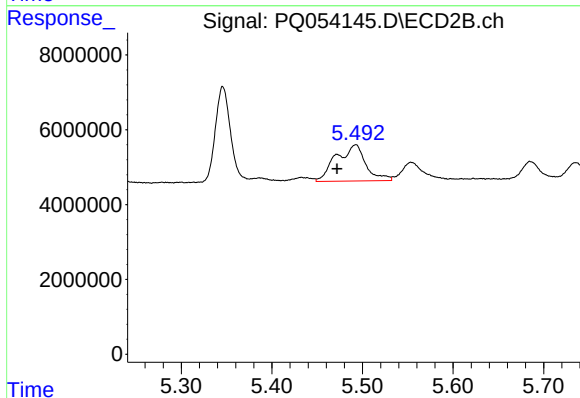
R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 9004611
Conc: 30.35 ng/ml



#21 AR-1248-1

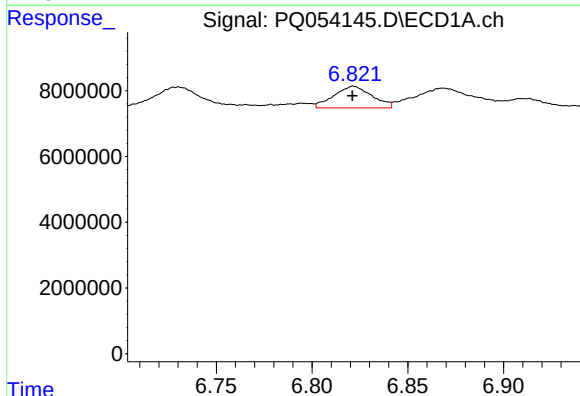
R.T.: 6.532 min
Delta R.T.: 0.003 min
Response: 12793779
Conc: 34.49 ng/ml

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



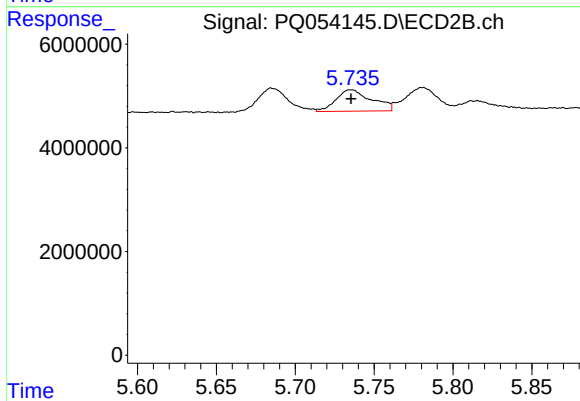
#21 AR-1248-1

R.T.: 5.492 min
Delta R.T.: 0.020 min
Response: 22201075
Conc: 98.40 ng/ml



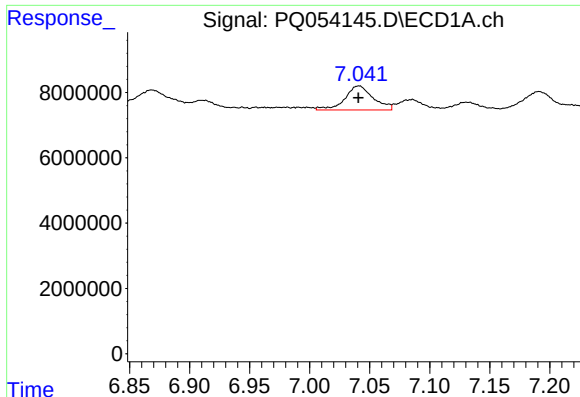
#22 AR-1248-2

R.T.: 6.822 min
Delta R.T.: 0.000 min
Response: 9083807
Conc: 17.34 ng/ml



#22 AR-1248-2

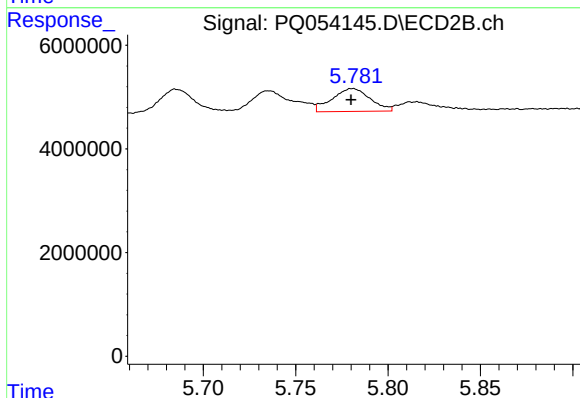
R.T.: 5.735 min
Delta R.T.: 0.000 min
Response: 6510691
Conc: 19.84 ng/ml



#23 AR-1248-3

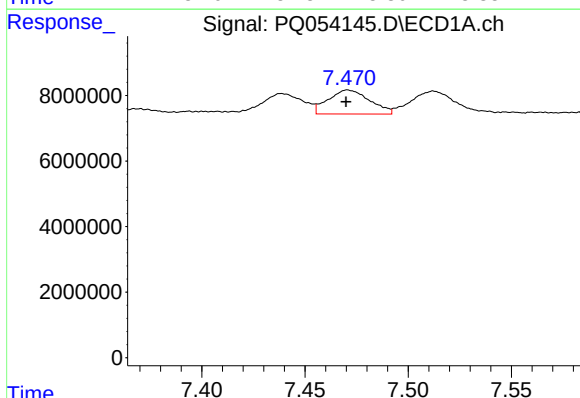
R.T.: 7.041 min
Delta R.T.: 0.000 min
Response: 12120605
Conc: 20.42 ng/ml

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



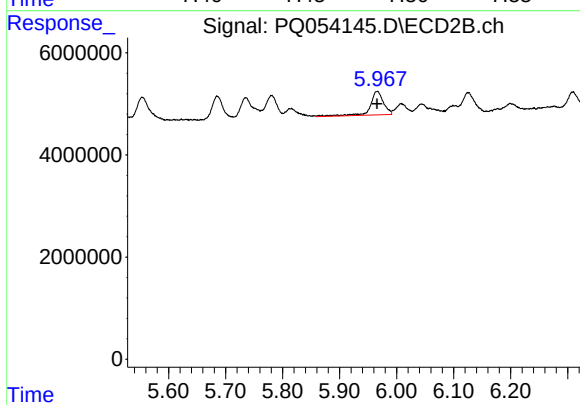
#23 AR-1248-3

R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 6344599
Conc: 19.19 ng/ml



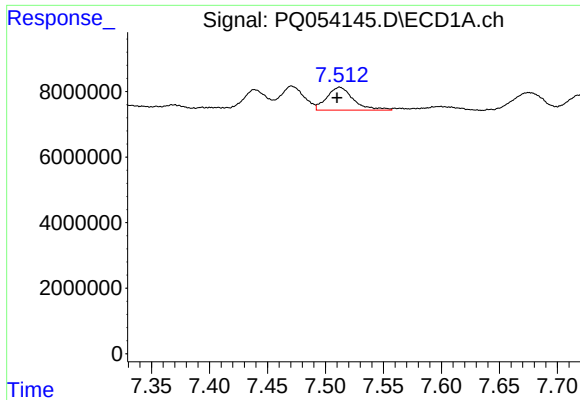
#24 AR-1248-4

R.T.: 7.471 min
Delta R.T.: 0.000 min
Response: 10258609
Conc: 15.44 ng/ml



#24 AR-1248-4

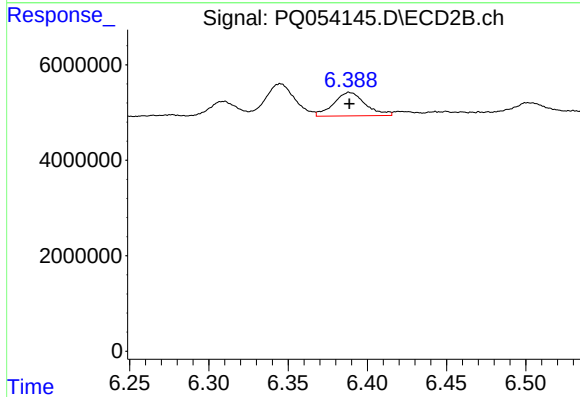
R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 7504632
Conc: 18.91 ng/ml



#25 AR-1248-5

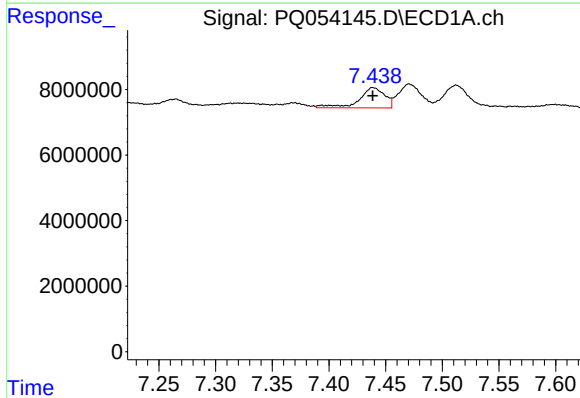
R.T.: 7.512 min
Delta R.T.: 0.002 min
Response: 11195114
Conc: 17.19 ng/ml

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



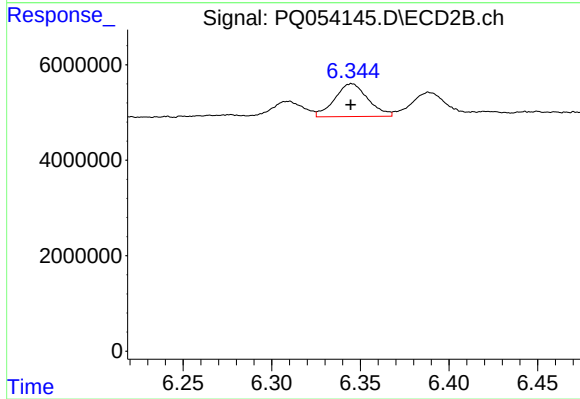
#25 AR-1248-5

R.T.: 6.389 min
Delta R.T.: 0.000 min
Response: 6881101
Conc: 17.27 ng/ml



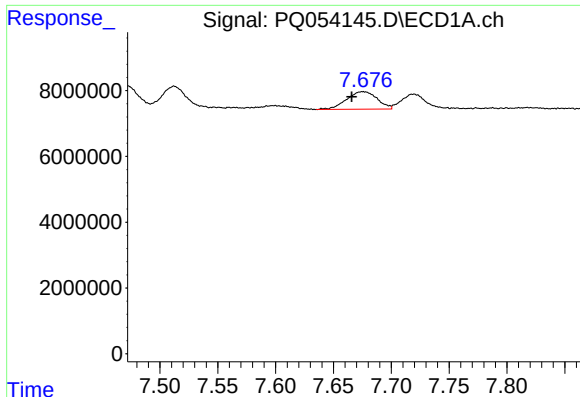
#26 AR-1254-1

R.T.: 7.439 min
Delta R.T.: 0.000 min
Response: 9754365
Conc: 13.80 ng/ml



#26 AR-1254-1

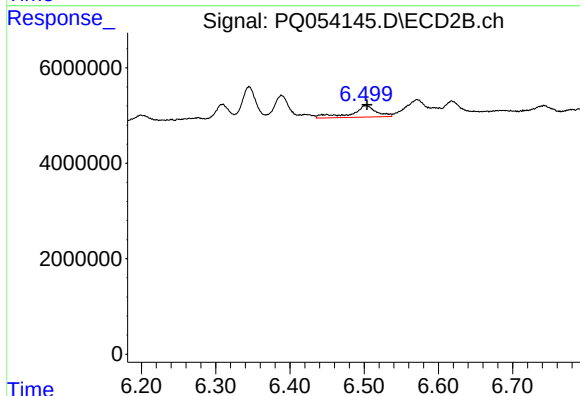
R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 9004611
Conc: 13.47 ng/ml



#27 AR-1254-2

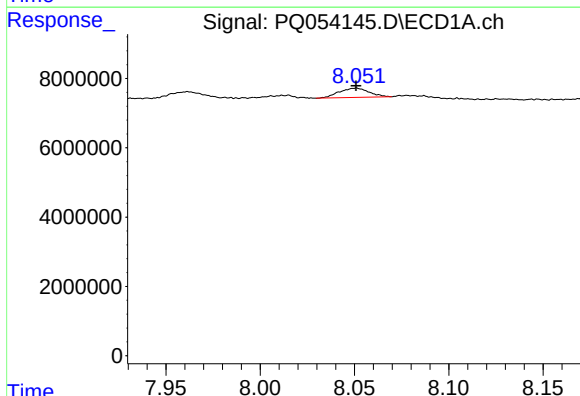
R.T.: 7.676 min
Delta R.T.: 0.010 min
Response: 9833314
Conc: 8.98 ng/ml

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



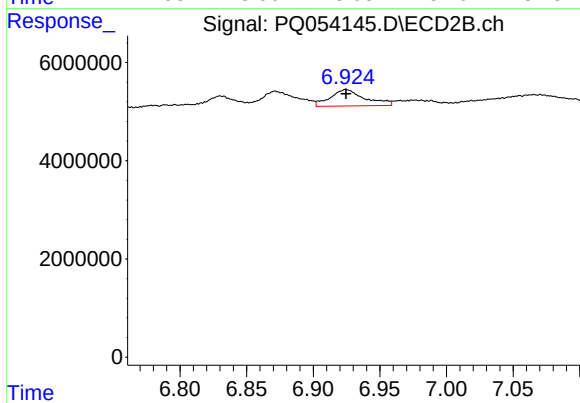
#27 AR-1254-2

R.T.: 6.503 min
Delta R.T.: -0.001 min
Response: 5597341
Conc: 9.10 ng/ml



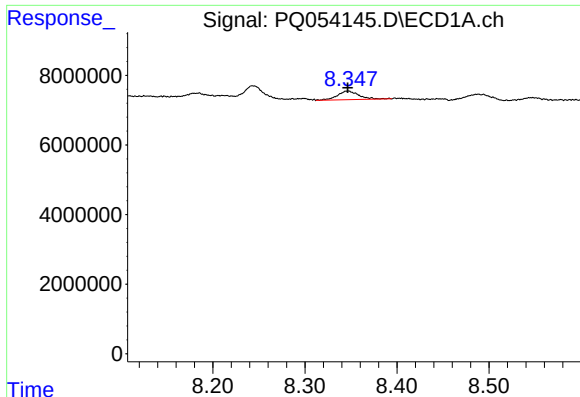
#28 AR-1254-3

R.T.: 8.051 min
Delta R.T.: 0.000 min
Response: 2949449
Conc: 2.51 ng/ml



#28 AR-1254-3

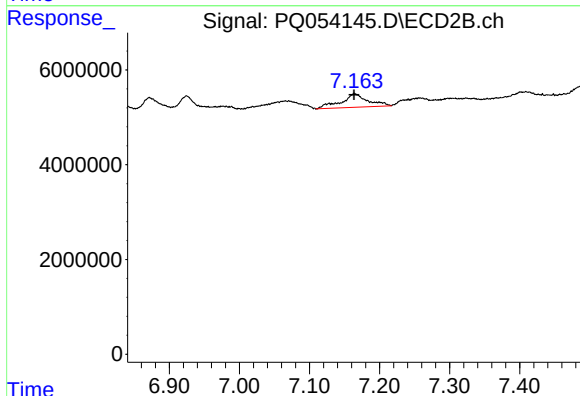
R.T.: 6.925 min
Delta R.T.: 0.000 min
Response: 6061688
Conc: 6.28 ng/ml



#29 AR-1254-4

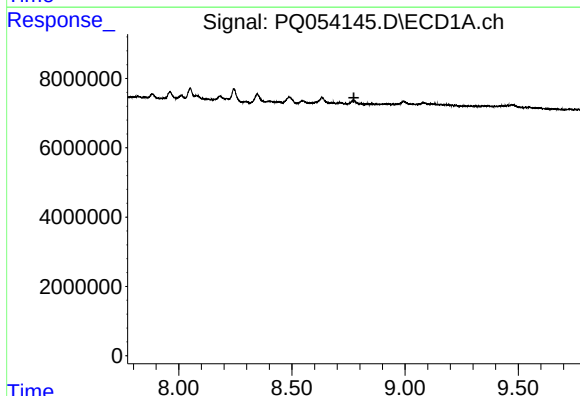
R.T.: 8.347 min
Delta R.T.: 0.000 min
Response: 3988191
Conc: 4.53 ng/ml

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



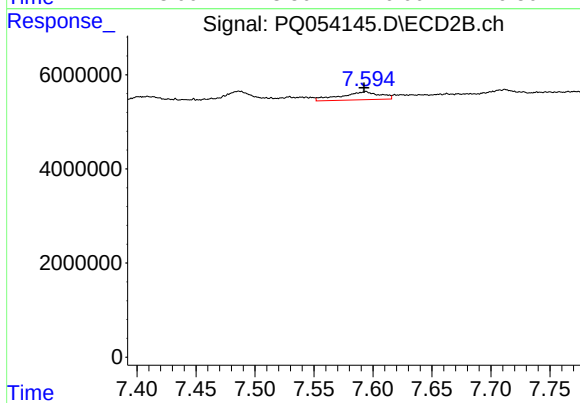
#29 AR-1254-4

R.T.: 7.165 min
Delta R.T.: 0.000 min
Response: 7609775
Conc: 11.42 ng/ml



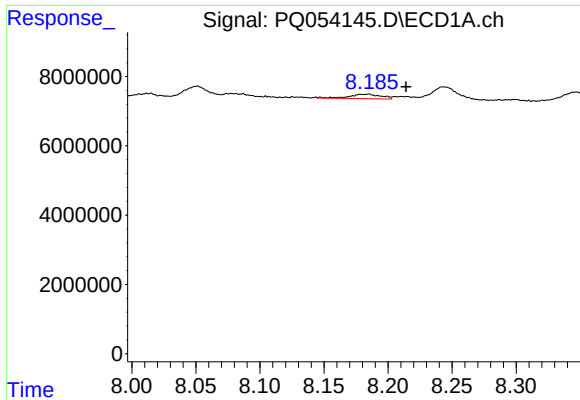
#30 AR-1254-5

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



#30 AR-1254-5

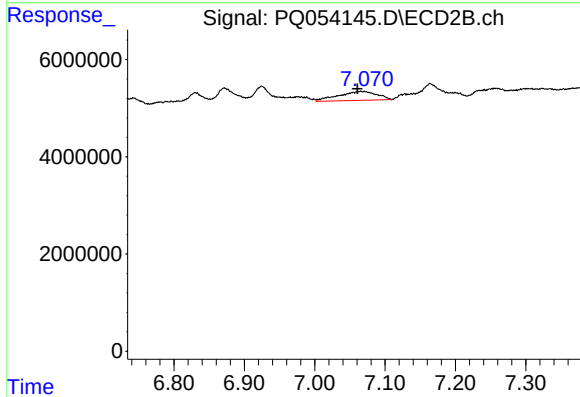
R.T.: 7.593 min
Delta R.T.: 0.000 min
Response: 3948513
Conc: 4.05 ng/ml



#31 AR-1260-1

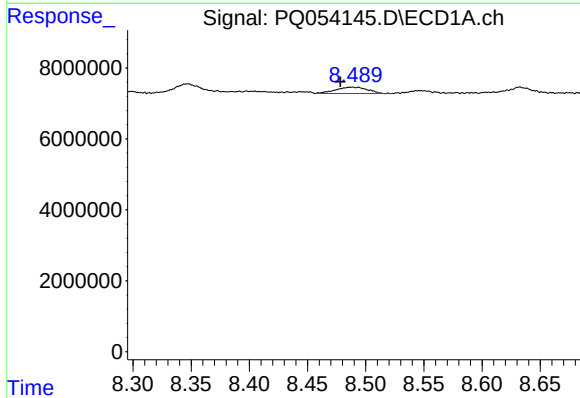
R.T.: 8.185 min
Delta R.T.: -0.029 min
Response: 2233229
Conc: 2.27 ng/ml

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



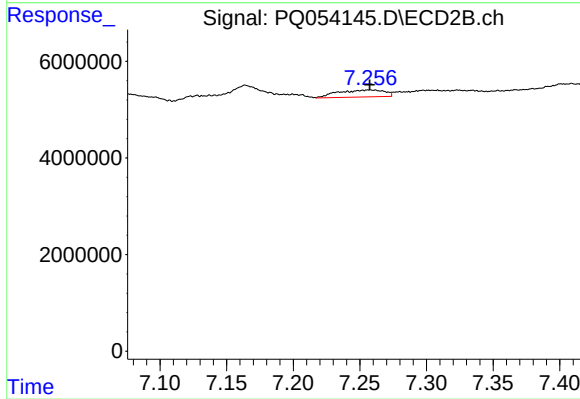
#31 AR-1260-1

R.T.: 7.067 min
Delta R.T.: 0.006 min
Response: 6939410
Conc: 9.26 ng/ml



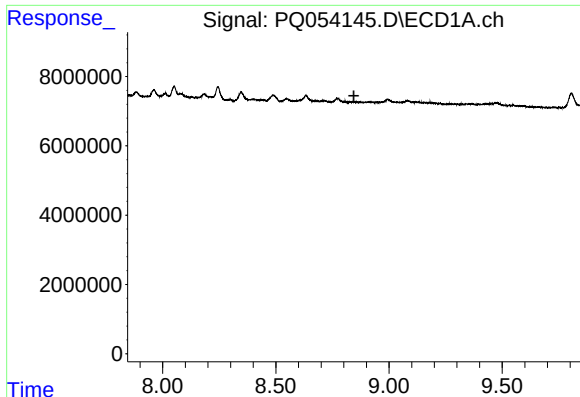
#32 AR-1260-2

R.T.: 8.493 min
Delta R.T.: 0.015 min
Response: 3402892
Conc: 3.00 ng/ml



#32 AR-1260-2

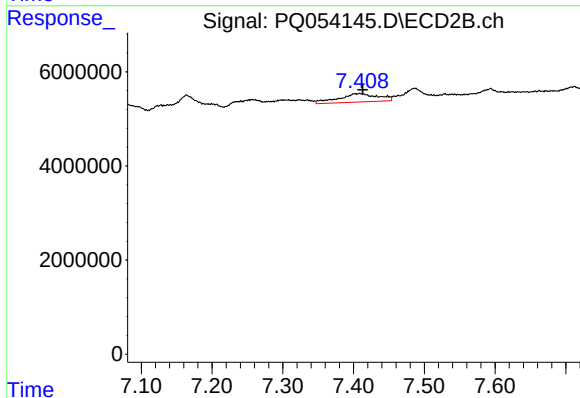
R.T.: 7.257 min
Delta R.T.: 0.000 min
Response: 3475050
Conc: 3.33 ng/ml



#33 AR-1260-3

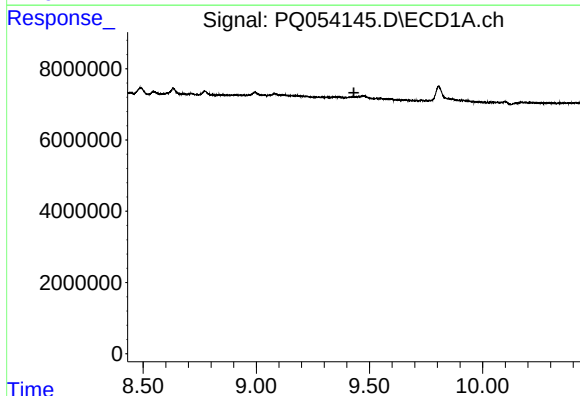
R.T.: 0.000 min
Exp R.T.: 8.845 min
Response: 0
Conc: N.D.

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



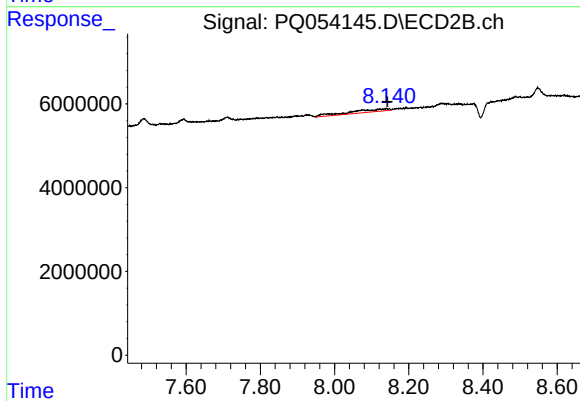
#33 AR-1260-3

R.T.: 7.409 min
Delta R.T.: -0.004 min
Response: 6970973
Conc: 8.01 ng/ml



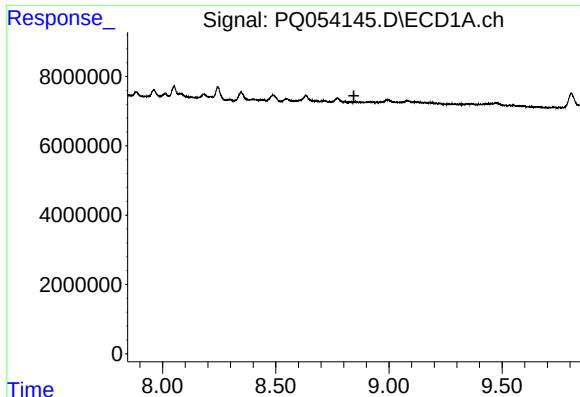
#35 AR-1260-5

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



#35 AR-1260-5

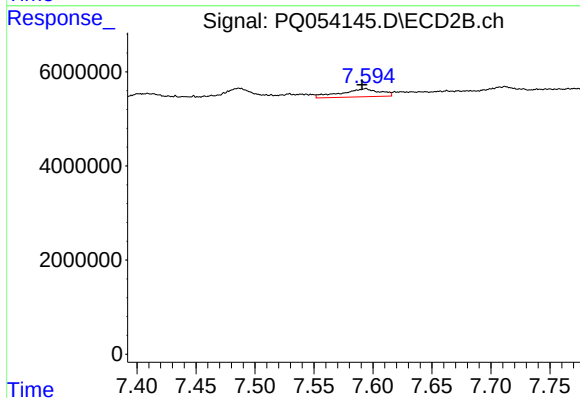
R.T.: 8.140 min
Delta R.T.: -0.002 min
Response: 5072282
Conc: 2.96 ng/ml



#36 AR-1262-1

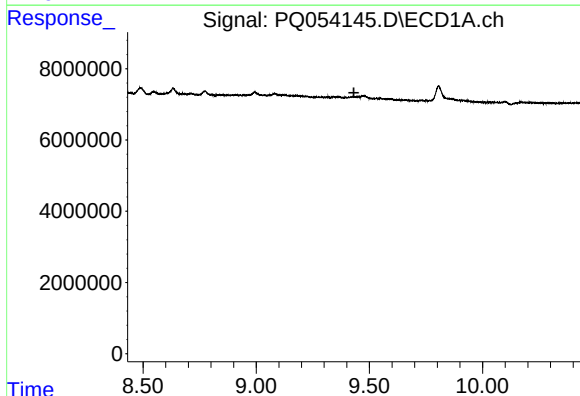
R.T.: 0.000 min
Exp R.T.: 8.845 min
Response: 0
Conc: N.D.

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



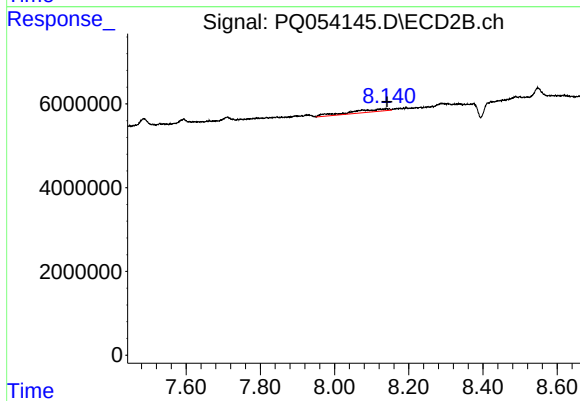
#36 AR-1262-1

R.T.: 7.593 min
Delta R.T.: 0.002 min
Response: 3948513
Conc: 8.74 ng/ml



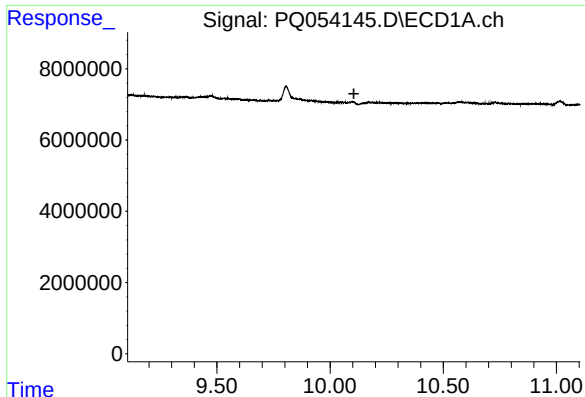
#37 AR-1262-2

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



#37 AR-1262-2

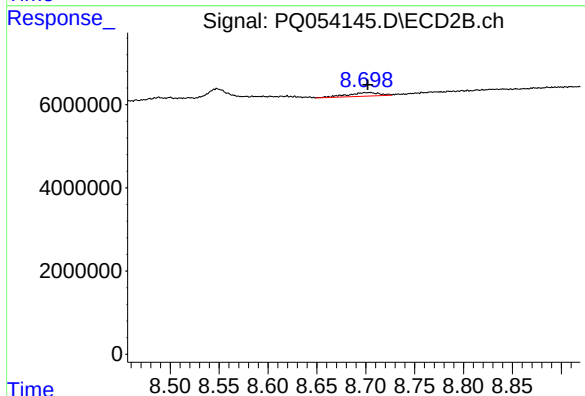
R.T.: 8.140 min
Delta R.T.: -0.002 min
Response: 5072282
Conc: 2.69 ng/ml



#43 AR-1268-3

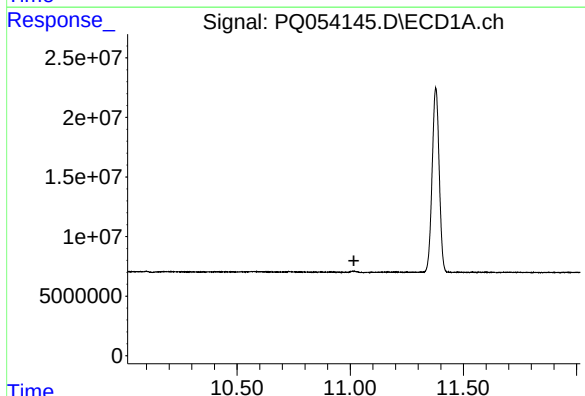
R.T.: 0.000 min
Exp R.T. : 10.105 min
Response: 0
Conc: N.D.

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



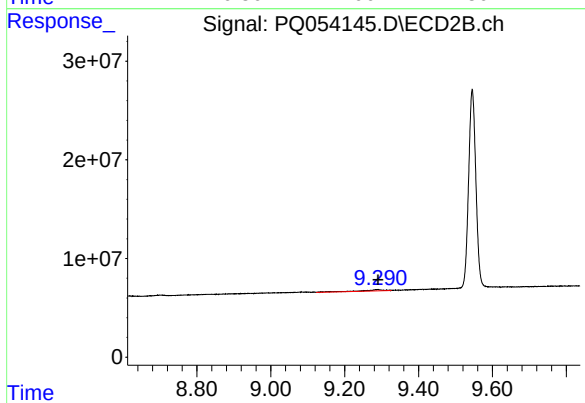
#43 AR-1268-3

R.T.: 8.703 min
Delta R.T.: 0.000 min
Response: 1910531
Conc: 1.14 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 11.016 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.289 min
Delta R.T.: -0.001 min
Response: 4626002
Conc: 0.98 ng/ml