

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ103119\
 Data File : PQ044674.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2019 15:36
 Operator : HP\AJ
 Sample : K5111-08
 Misc : AR1660 LOQ 50 PPB
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 LOQ-WATER-02-QT4-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 06:58:32 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ103019.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 30 15:29:39 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...	5.307	4.336	32885744	15138748	15.190	12.445
2)	SA Decachlor...	11.546	9.755	86175324	95857134	18.159	22.454
Target Compounds							
3)	L1 AR-1016-1	6.625	5.613	2844062	1954961	42.338	37.540
4)	L1 AR-1016-2	6.649	5.633	5032983	2649278	48.071	34.494 #
5)	L1 AR-1016-3	6.716	5.830	3207638	1556476	48.934	39.005
6)	L1 AR-1016-4	6.823	5.878	2460247	1357345	49.775	37.692
7)	L1 AR-1016-5	7.139	6.112	3134976	1276964	58.477	26.801 #
12)	L3 AR-1232-2	6.330	5.633	2436913	2649278	50.958	38.166 #
13)	L3 AR-1232-3	6.649	5.830	5032983	1556476	54.412	43.174
14)	L3 AR-1232-4	6.823	5.924	2460247	1362011	56.764	38.628 #
15)	L3 AR-1232-5	6.919	6.112	2210264	1276964	63.489	30.137 #
16)	L4 AR-1242-1	6.625	5.613	2844062	1954961	58.337	50.546
17)	L4 AR-1242-2	6.649	5.633	5032983	2649278	65.468	46.068 #
18)	L4 AR-1242-3	6.716	5.830	3207638	1556476	67.066	51.691
19)	L4 AR-1242-4	6.823	5.924	2460247	1362011	68.135	40.775 #
20)	L4 AR-1242-5	7.538	6.494	3790433	1411595	90.240	28.951 #
21)	L5 AR-1248-1	6.625	5.613	2844062	1954961	65.372	56.685
22)	L5 AR-1248-2	6.919	5.878	2210264	1357345	33.347	25.727
23)	L5 AR-1248-3	7.139	5.924	3134976	1362011	42.025	25.011 #
24)	L5 AR-1248-4	7.538	6.112	3790433	1276964	46.481	19.067 #
25)	L5 AR-1248-5	0.000	6.494	0	1411595	N.D.	19.702 #
26)	L6 AR-1254-1	7.538	6.494	3790433	1411595	39.644	11.311 #
27)	L6 AR-1254-2	7.767	6.652	2881067	1561809	19.106	13.357 #
28)	L6 AR-1254-3	8.153	7.093	2826487	4083979	17.694	20.138
29)	L6 AR-1254-4	8.514	0.000	1979647	0	17.529	N.D. #
30)	L6 AR-1254-5	8.878	7.750	8713829	8474273	66.331	41.128 #
31)	L7 AR-1260-1	8.321	7.215	6784723	5449738	68.943	46.730 #
32)	L7 AR-1260-2	8.584	7.409	6951252	8021459	59.210	52.589
33)	L7 AR-1260-3	8.956	7.571	6008702	6365611	59.015	46.357
34)	L7 AR-1260-4	9.202	8.056	6638564	6688254	55.292	49.711
35)	L7 AR-1260-5	9.552	8.302	13889173	18430906	52.973	52.265
36)	L8 AR-1262-1	9.018	7.750	3195184	8474273	46.212	79.568 #
37)	L8 AR-1262-2	9.552	8.302	13889173	18430906	44.450	42.158
38)	L8 AR-1262-3	9.911	8.591	9336269	3237480	38.893	18.192 #
39)	L8 AR-1262-4	9.972	8.657	6984315	15381362	33.553	43.862 #
40)	L8 AR-1262-5	10.716	9.171	4921998	6521860	30.885	38.292
41)	L9 AR-1268-1	9.911	8.591	9336269	3237480	21.291	6.172 #
42)	L9 AR-1268-2	9.972	8.657	6984315	15381362	14.978	30.948 #
44)	L9 AR-1268-4	10.716	9.171	4921998	6521860	27.097	33.209
45)	L9 AR-1268-5	0.000	9.483	0	2305545	N.D.	1.535 #

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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2019 15:36
Operator : HP\AJ
Sample : K5111-08
Misc : AR1660 LOQ 50 PPB
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT4-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 06:58:32 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ103019.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 30 15:29:39 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
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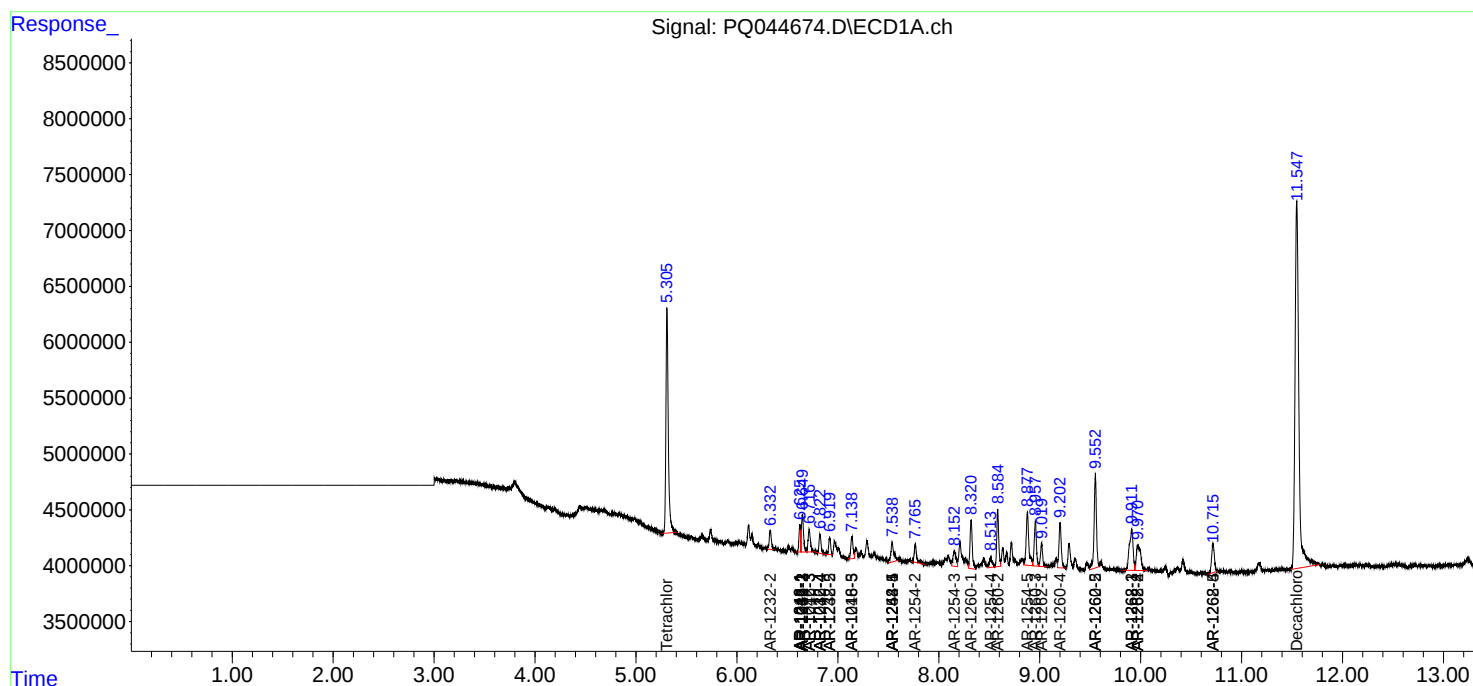
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

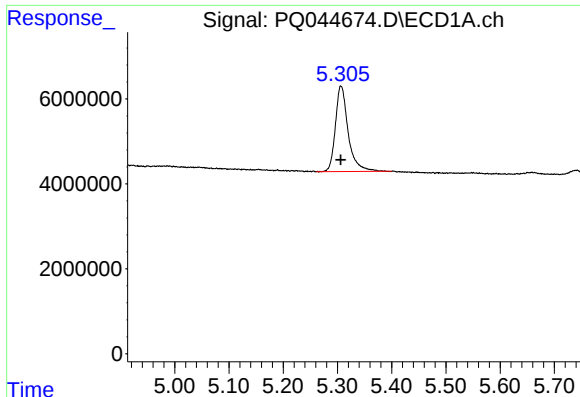
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ103119\
Data File : PQ044674.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2019 15:36
Operator : HP\AJ
Sample : K5111-08
Misc : AR1660 LOQ 50 PPB
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT4-2019

Integration File signal 1: autoint1.e
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Quant Time: Nov 01 06:58:32 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ103019.M
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

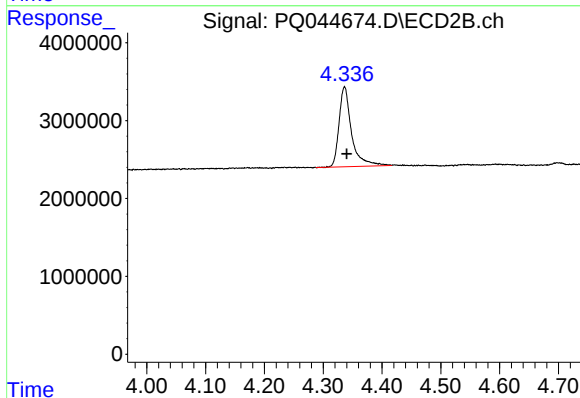




#1 Tetrachloro-m-xylene

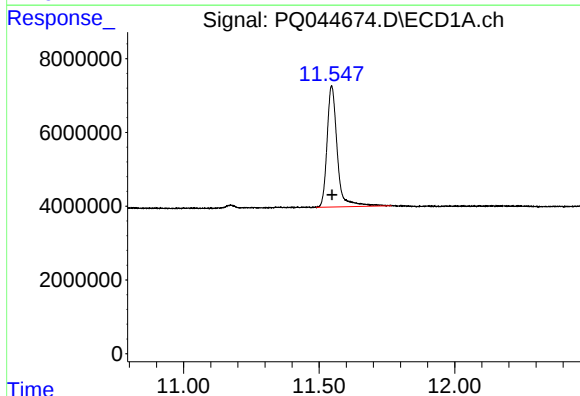
R.T.: 5.307 min
Delta R.T.: 0.000 min
Response: 32885744
Conc: 15.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT4-2019



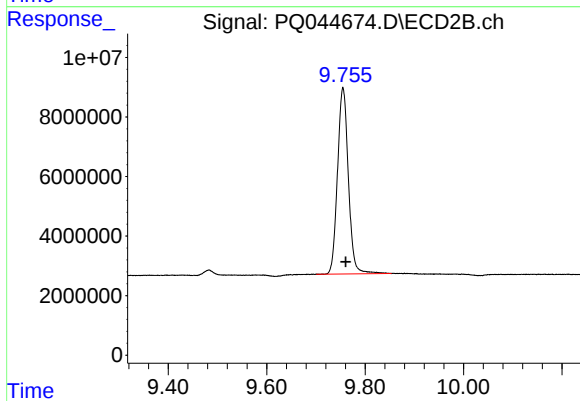
#1 Tetrachloro-m-xylene

R.T.: 4.336 min
Delta R.T.: -0.004 min
Response: 15138748
Conc: 12.45 ng/ml



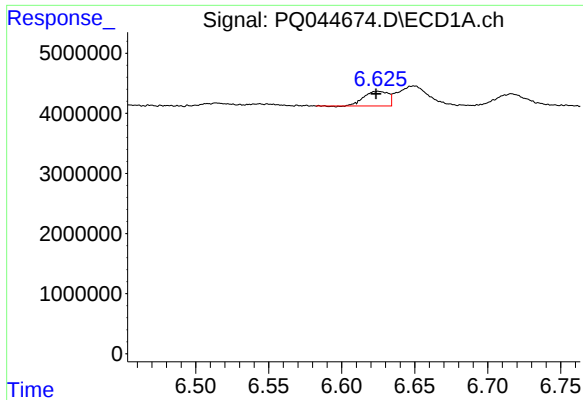
#2 Decachlorobiphenyl

R.T.: 11.546 min
Delta R.T.: -0.001 min
Response: 86175324
Conc: 18.16 ng/ml



#2 Decachlorobiphenyl

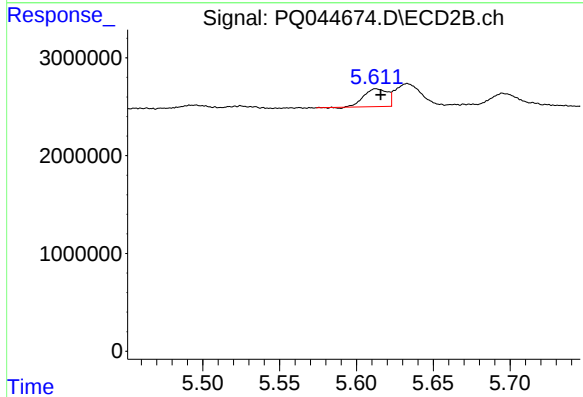
R.T.: 9.755 min
Delta R.T.: -0.005 min
Response: 95857134
Conc: 22.45 ng/ml



#3 AR-1016-1

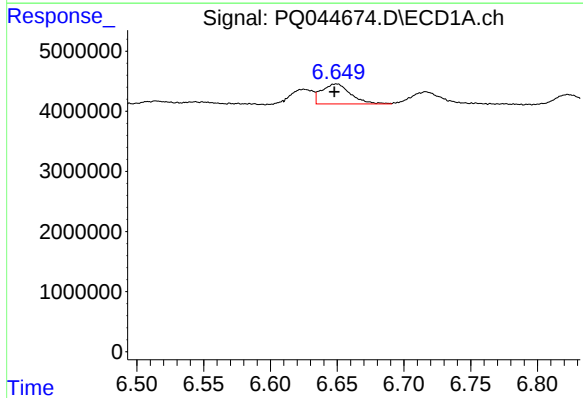
R.T.: 6.625 min
Delta R.T.: 0.002 min
Response: 2844062
Conc: 42.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT4-2019



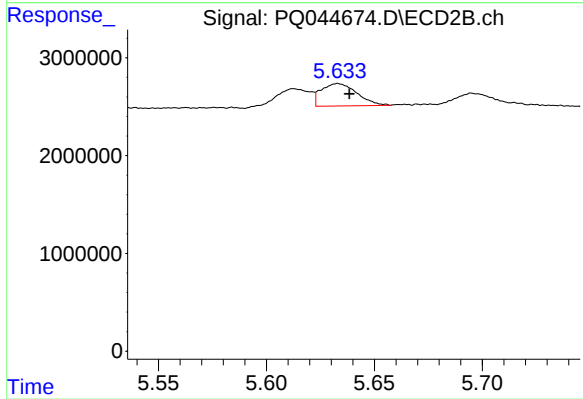
#3 AR-1016-1

R.T.: 5.613 min
Delta R.T.: -0.003 min
Response: 1954961
Conc: 37.54 ng/ml



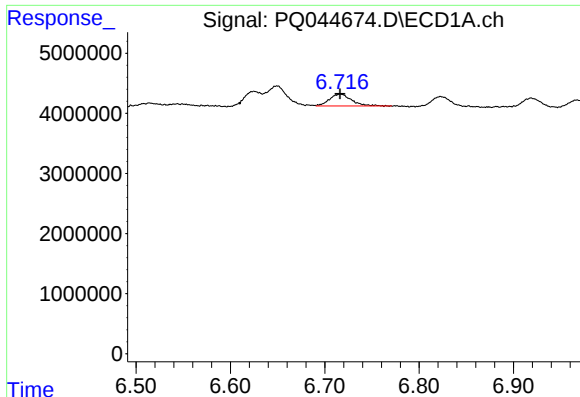
#4 AR-1016-2

R.T.: 6.649 min
Delta R.T.: 0.001 min
Response: 5032983
Conc: 48.07 ng/ml



#4 AR-1016-2

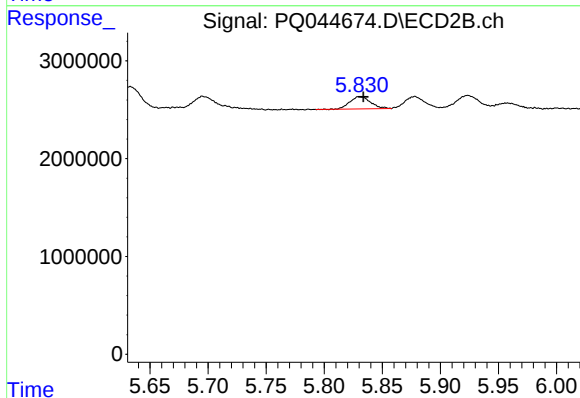
R.T.: 5.633 min
Delta R.T.: -0.005 min
Response: 2649278
Conc: 34.49 ng/ml



#5 AR-1016-3

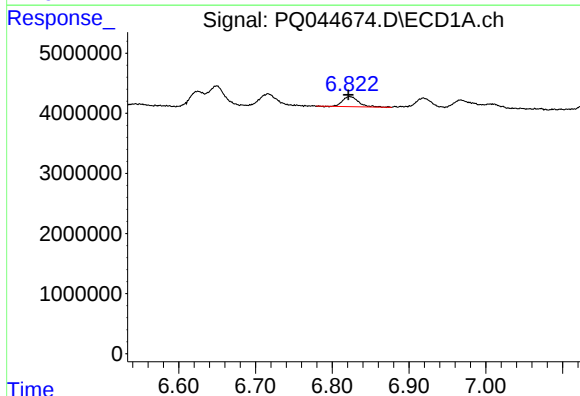
R.T.: 6.716 min
Delta R.T.: 0.000 min
Response: 3207638
Conc: 48.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT4-2019



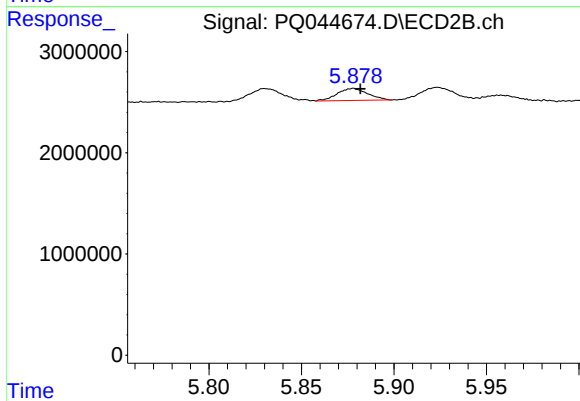
#5 AR-1016-3

R.T.: 5.830 min
Delta R.T.: -0.003 min
Response: 1556476
Conc: 39.01 ng/ml



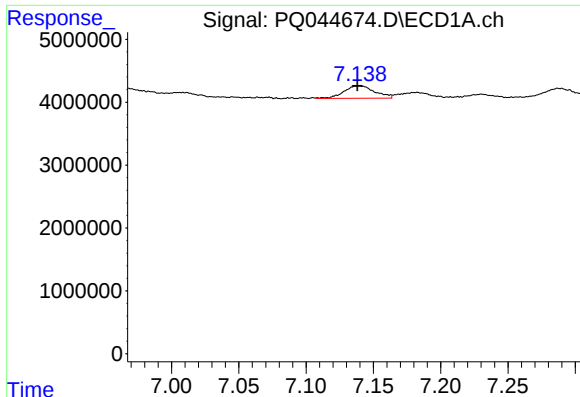
#6 AR-1016-4

R.T.: 6.823 min
Delta R.T.: 0.002 min
Response: 2460247
Conc: 49.78 ng/ml



#6 AR-1016-4

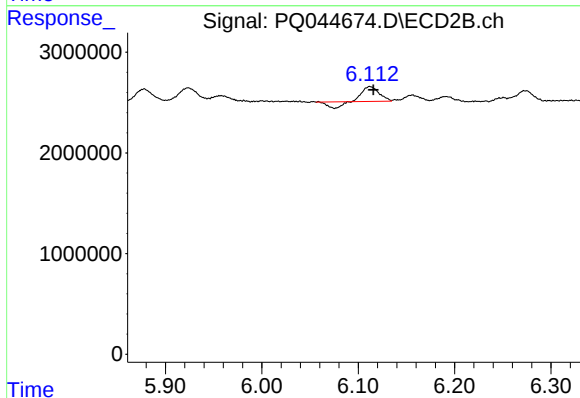
R.T.: 5.878 min
Delta R.T.: -0.004 min
Response: 1357345
Conc: 37.69 ng/ml



#7 AR-1016-5

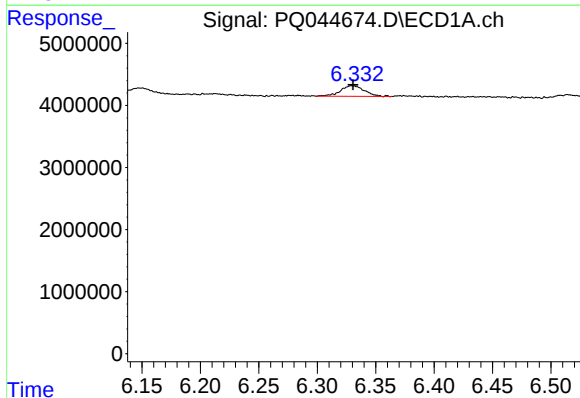
R.T.: 7.139 min
Delta R.T.: 0.000 min
Response: 3134976
Conc: 58.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT4-2019



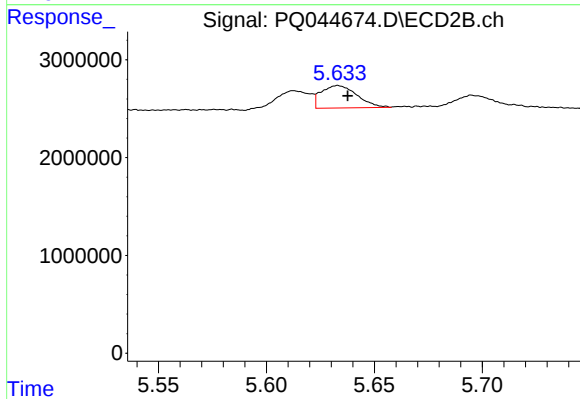
#7 AR-1016-5

R.T.: 6.112 min
Delta R.T.: -0.004 min
Response: 1276964
Conc: 26.80 ng/ml



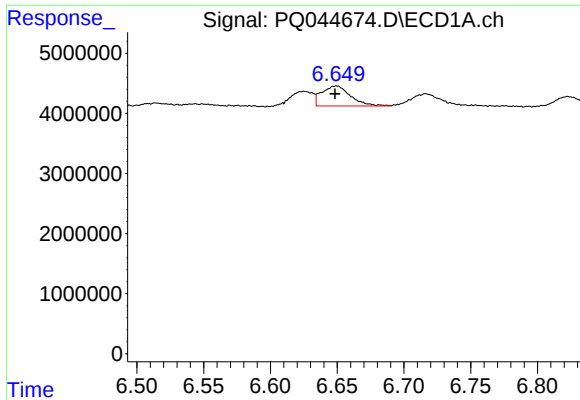
#12 AR-1232-2

R.T.: 6.330 min
Delta R.T.: 0.000 min
Response: 2436913
Conc: 50.96 ng/ml



#12 AR-1232-2

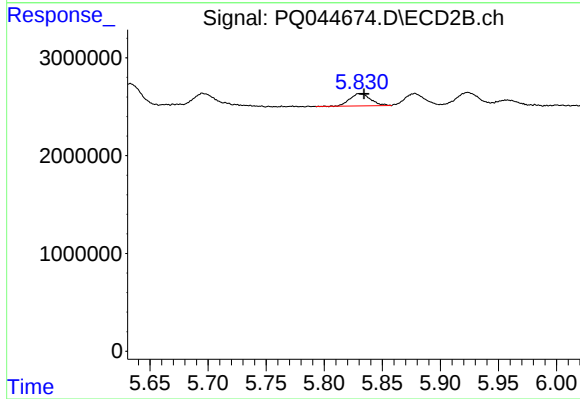
R.T.: 5.633 min
Delta R.T.: -0.005 min
Response: 2649278
Conc: 38.17 ng/ml



#13 AR-1232-3

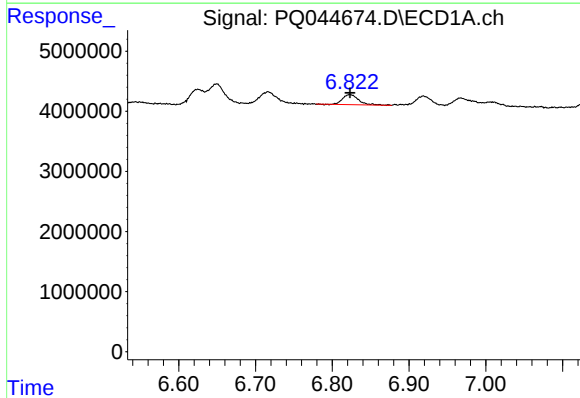
R.T.: 6.649 min
Delta R.T.: 0.000 min
Response: 5032983
Conc: 54.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT4-2019



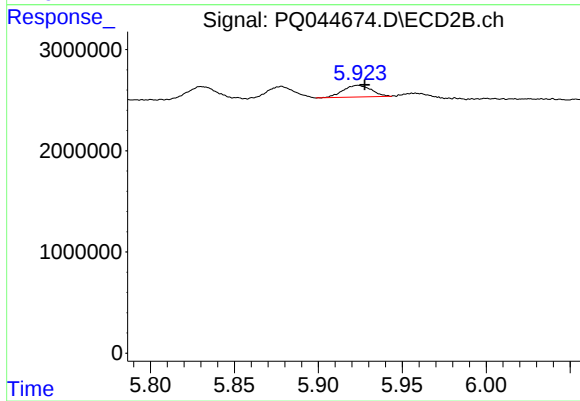
#13 AR-1232-3

R.T.: 5.830 min
Delta R.T.: -0.004 min
Response: 1556476
Conc: 43.17 ng/ml



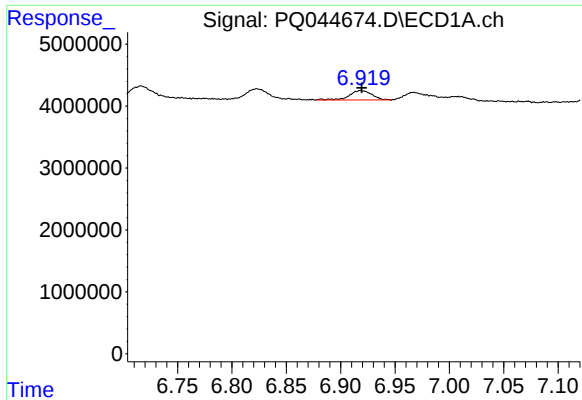
#14 AR-1232-4

R.T.: 6.823 min
Delta R.T.: 0.000 min
Response: 2460247
Conc: 56.76 ng/ml



#14 AR-1232-4

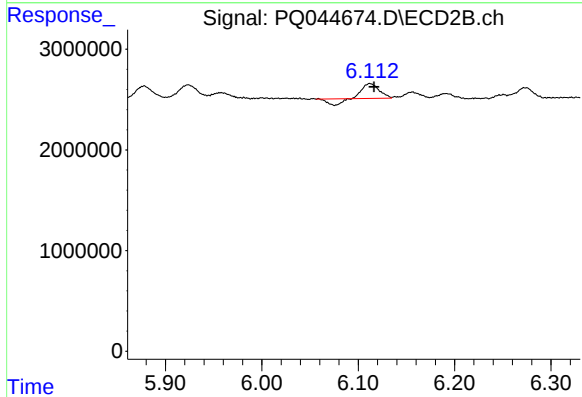
R.T.: 5.924 min
Delta R.T.: -0.004 min
Response: 1362011
Conc: 38.63 ng/ml



#15 AR-1232-5

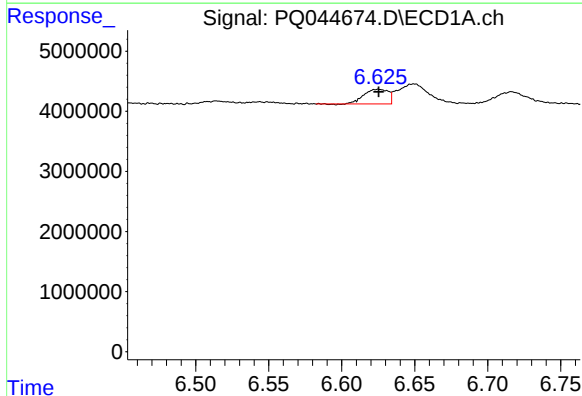
R.T.: 6.919 min
Delta R.T.: 0.000 min
Response: 2210264
Conc: 63.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT4-2019



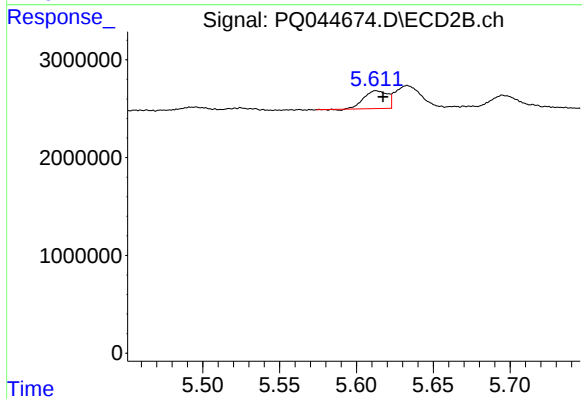
#15 AR-1232-5

R.T.: 6.112 min
Delta R.T.: -0.004 min
Response: 1276964
Conc: 30.14 ng/ml



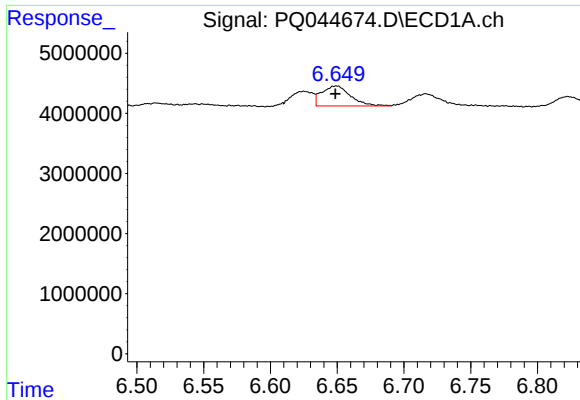
#16 AR-1242-1

R.T.: 6.625 min
Delta R.T.: 0.000 min
Response: 2844062
Conc: 58.34 ng/ml



#16 AR-1242-1

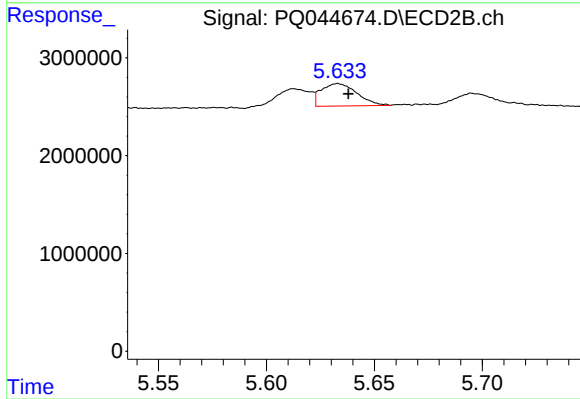
R.T.: 5.613 min
Delta R.T.: -0.004 min
Response: 1954961
Conc: 50.55 ng/ml



#17 AR-1242-2

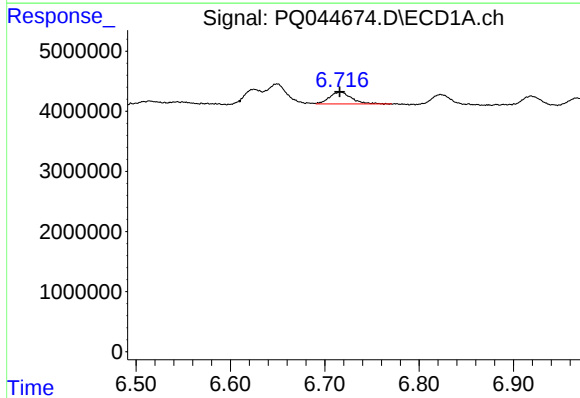
R.T.: 6.649 min
Delta R.T.: 0.000 min
Response: 5032983
Conc: 65.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT4-2019



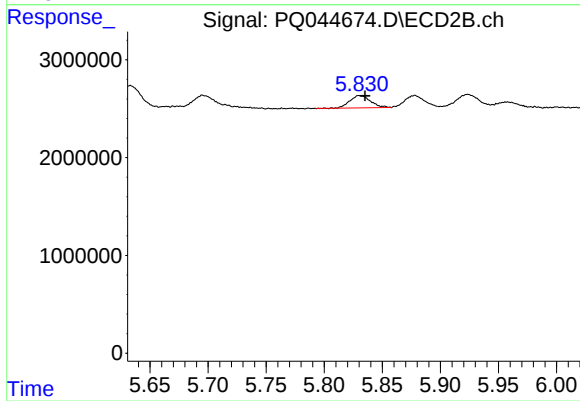
#17 AR-1242-2

R.T.: 5.633 min
Delta R.T.: -0.005 min
Response: 2649278
Conc: 46.07 ng/ml



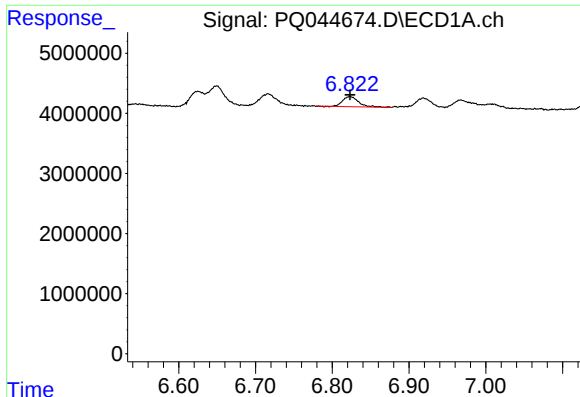
#18 AR-1242-3

R.T.: 6.716 min
Delta R.T.: 0.000 min
Response: 3207638
Conc: 67.07 ng/ml



#18 AR-1242-3

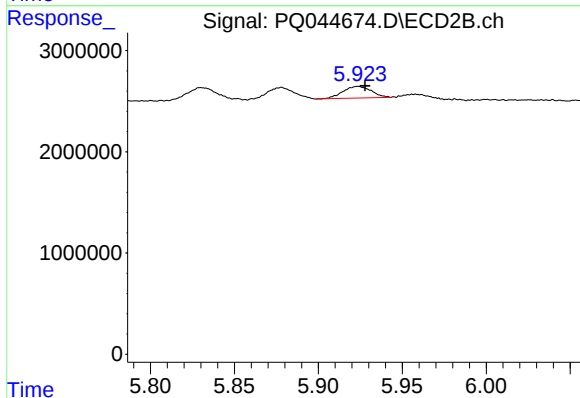
R.T.: 5.830 min
Delta R.T.: -0.005 min
Response: 1556476
Conc: 51.69 ng/ml



#19 AR-1242-4

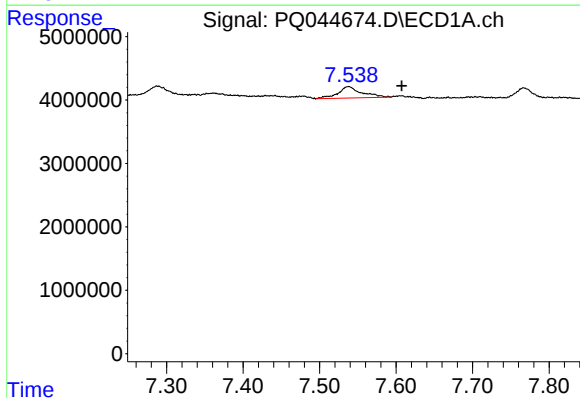
R.T.: 6.823 min
Delta R.T.: 0.000 min
Response: 2460247
Conc: 68.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT4-2019



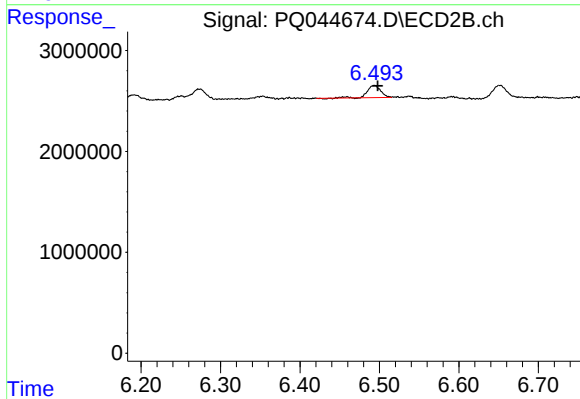
#19 AR-1242-4

R.T.: 5.924 min
Delta R.T.: -0.004 min
Response: 1362011
Conc: 40.78 ng/ml



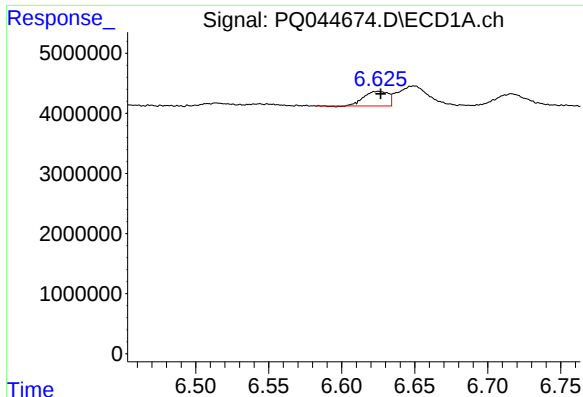
#20 AR-1242-5

R.T.: 7.538 min
Delta R.T.: -0.070 min
Response: 3790433
Conc: 90.24 ng/ml



#20 AR-1242-5

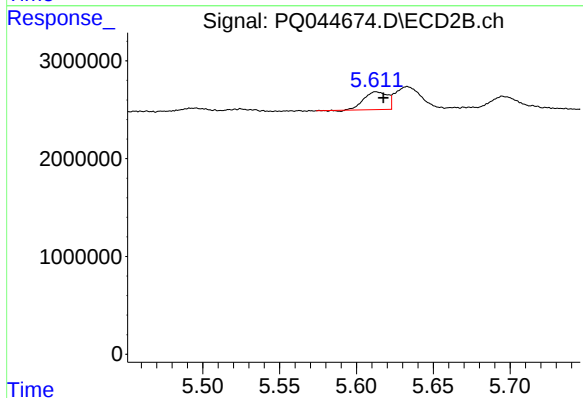
R.T.: 6.494 min
Delta R.T.: -0.004 min
Response: 1411595
Conc: 28.95 ng/ml



#21 AR-1248-1

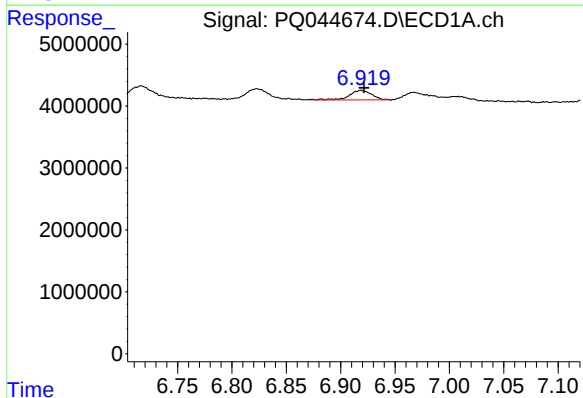
R.T.: 6.625 min
Delta R.T.: -0.002 min
Response: 2844062
Conc: 65.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT4-2019



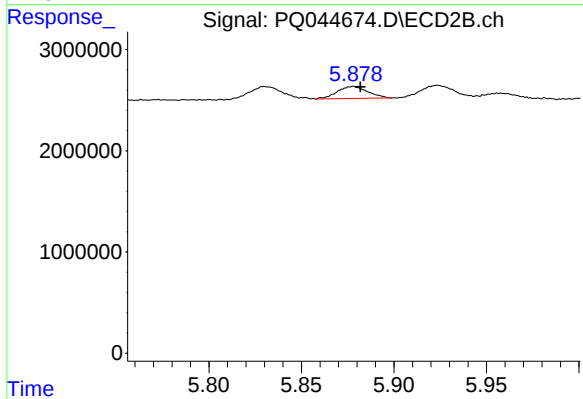
#21 AR-1248-1

R.T.: 5.613 min
Delta R.T.: -0.005 min
Response: 1954961
Conc: 56.68 ng/ml



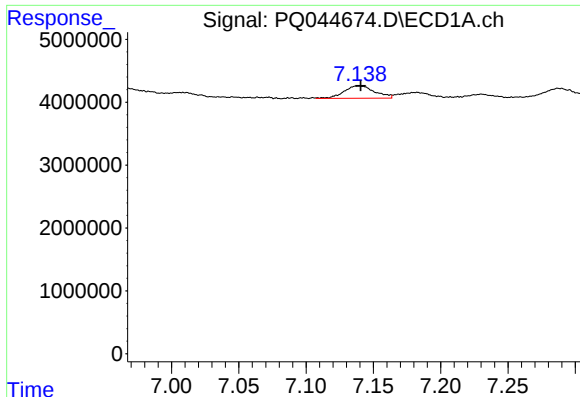
#22 AR-1248-2

R.T.: 6.919 min
Delta R.T.: -0.003 min
Response: 2210264
Conc: 33.35 ng/ml



#22 AR-1248-2

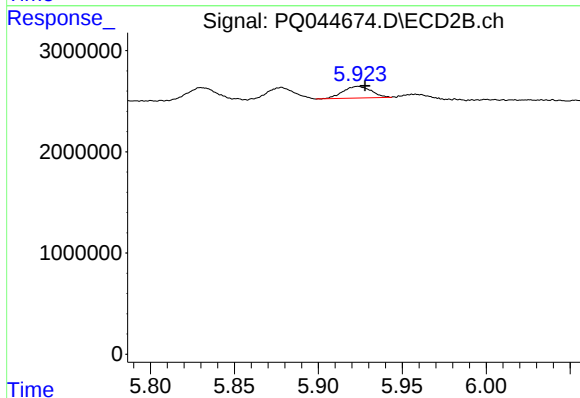
R.T.: 5.878 min
Delta R.T.: -0.004 min
Response: 1357345
Conc: 25.73 ng/ml



#23 AR-1248-3

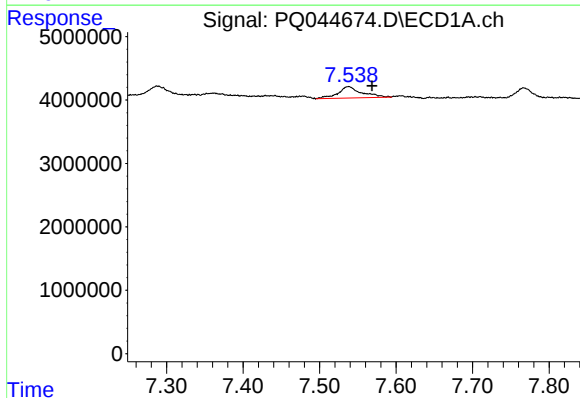
R.T.: 7.139 min
Delta R.T.: -0.001 min
Response: 3134976
Conc: 42.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT4-2019



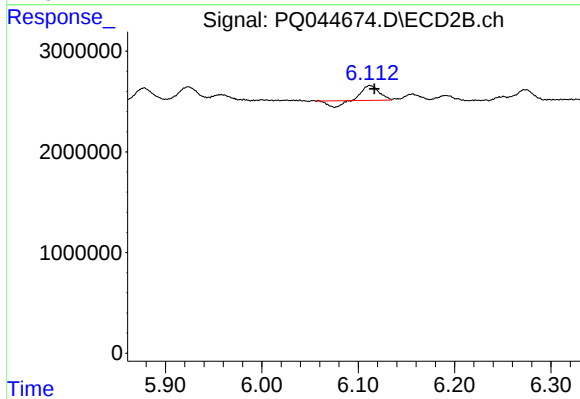
#23 AR-1248-3

R.T.: 5.924 min
Delta R.T.: -0.004 min
Response: 1362011
Conc: 25.01 ng/ml



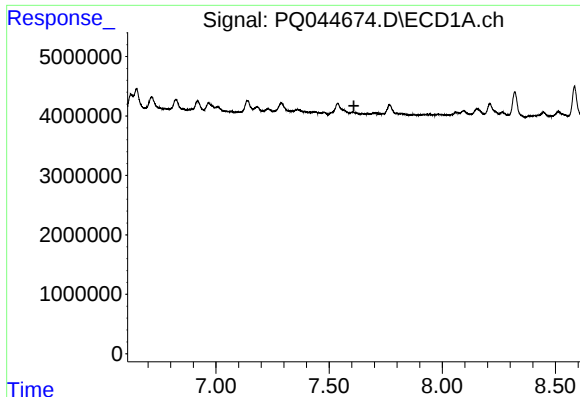
#24 AR-1248-4

R.T.: 7.538 min
Delta R.T.: -0.031 min
Response: 3790433
Conc: 46.48 ng/ml



#24 AR-1248-4

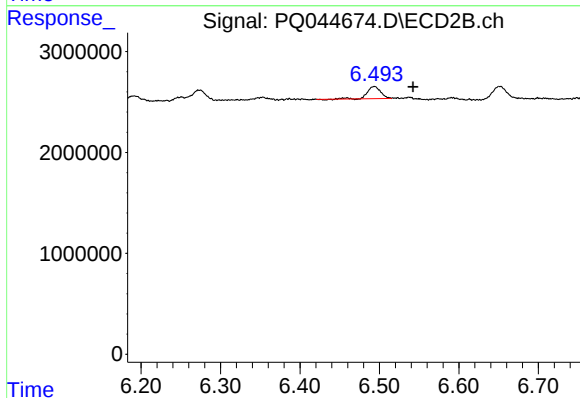
R.T.: 6.112 min
Delta R.T.: -0.005 min
Response: 1276964
Conc: 19.07 ng/ml



#25 AR-1248-5

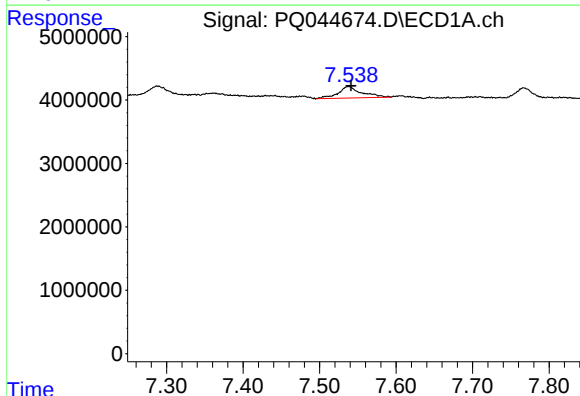
R.T.: 0.000 min
Exp R.T.: 7.609 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT4-2019



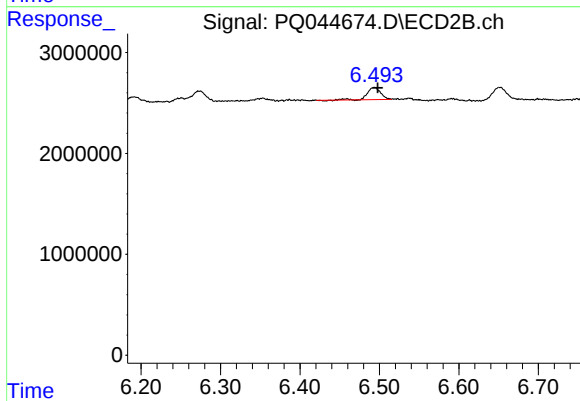
#25 AR-1248-5

R.T.: 6.494 min
Delta R.T.: -0.049 min
Response: 1411595
Conc: 19.70 ng/ml



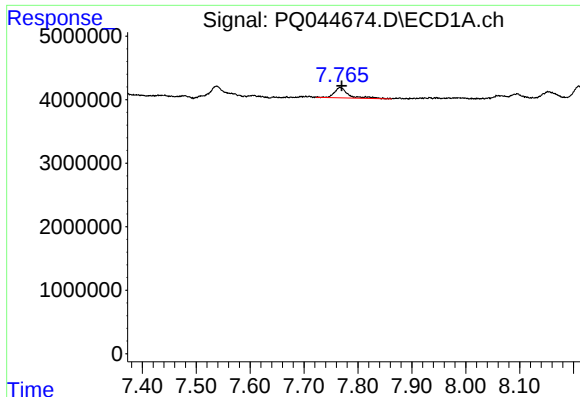
#26 AR-1254-1

R.T.: 7.538 min
Delta R.T.: -0.003 min
Response: 3790433
Conc: 39.64 ng/ml



#26 AR-1254-1

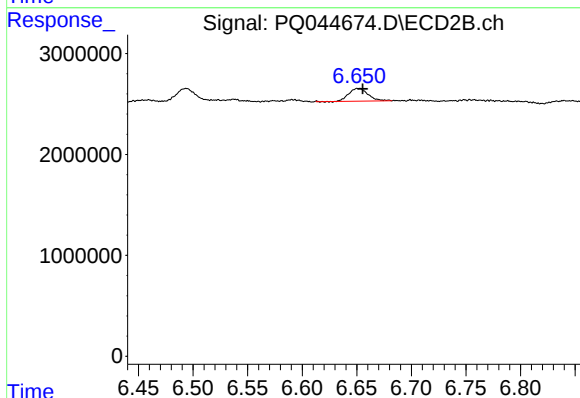
R.T.: 6.494 min
Delta R.T.: -0.004 min
Response: 1411595
Conc: 11.31 ng/ml



#27 AR-1254-2

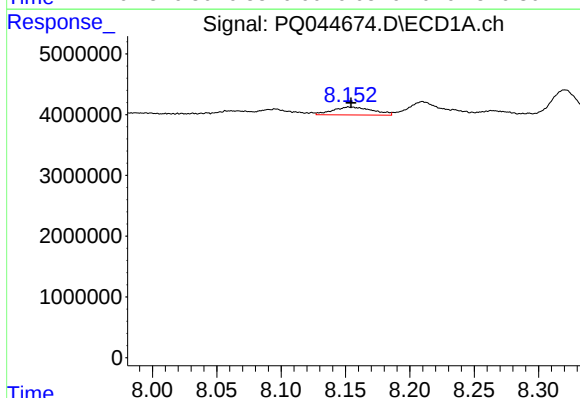
R.T.: 7.767 min
Delta R.T.: -0.004 min
Response: 2881067
Conc: 19.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT4-2019



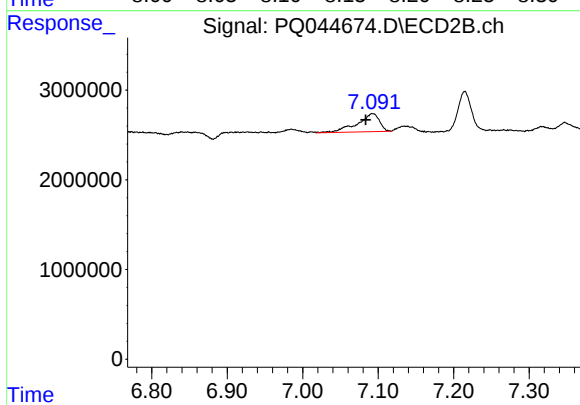
#27 AR-1254-2

R.T.: 6.652 min
Delta R.T.: -0.004 min
Response: 1561809
Conc: 13.36 ng/ml



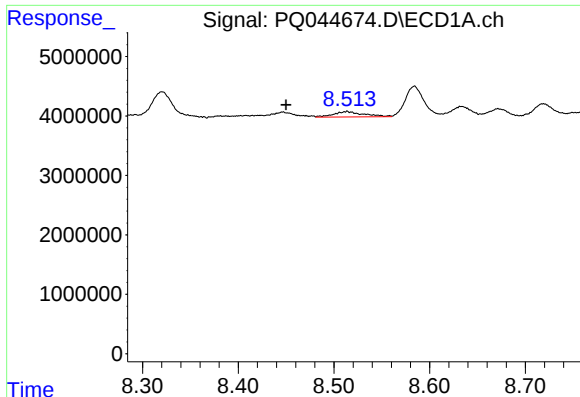
#28 AR-1254-3

R.T.: 8.153 min
Delta R.T.: -0.001 min
Response: 2826487
Conc: 17.69 ng/ml



#28 AR-1254-3

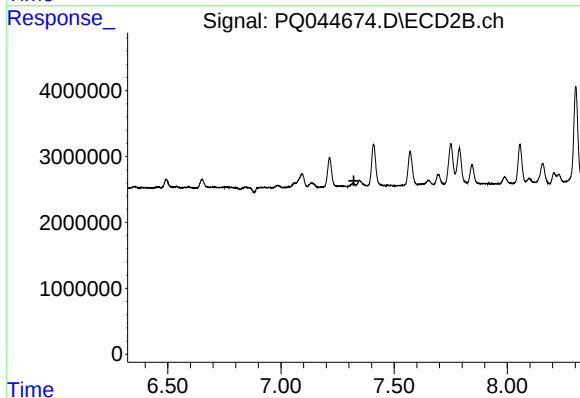
R.T.: 7.093 min
Delta R.T.: 0.009 min
Response: 4083979
Conc: 20.14 ng/ml



#29 AR-1254-4

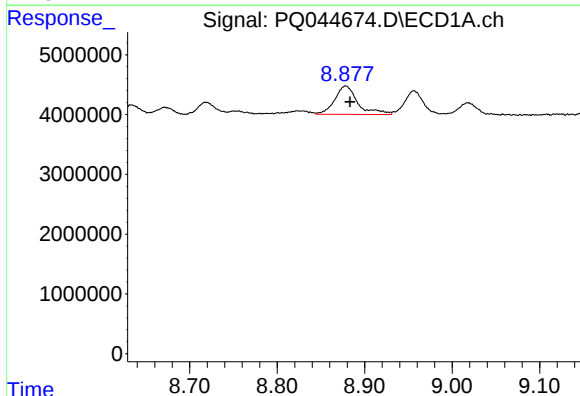
R.T.: 8.514 min
Delta R.T.: 0.063 min
Response: 1979647
Conc: 17.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT4-2019



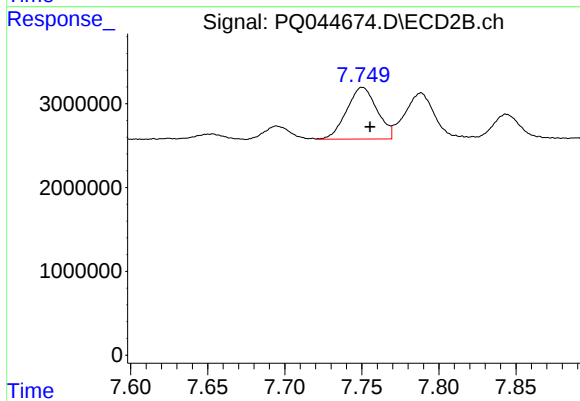
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 7.322 min
Response: 0
Conc: N.D.



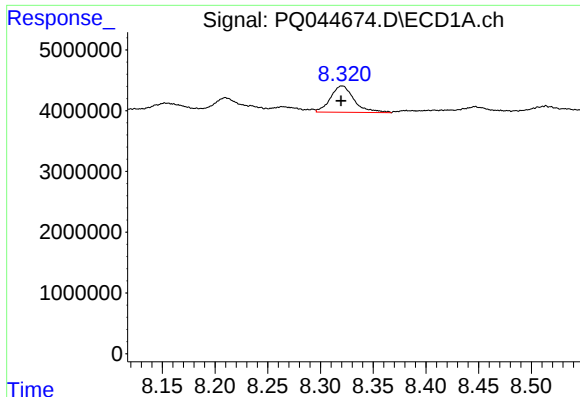
#30 AR-1254-5

R.T.: 8.878 min
Delta R.T.: -0.005 min
Response: 8713829
Conc: 66.33 ng/ml



#30 AR-1254-5

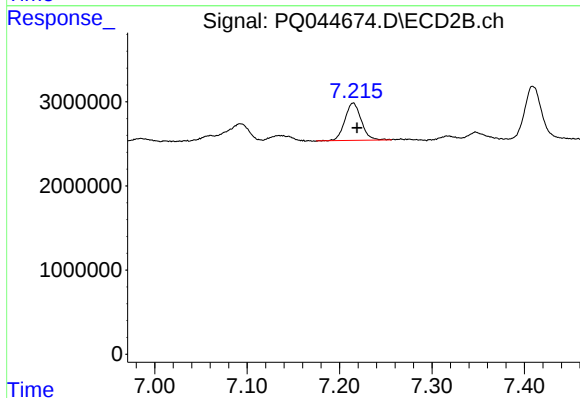
R.T.: 7.750 min
Delta R.T.: -0.005 min
Response: 8474273
Conc: 41.13 ng/ml



#31 AR-1260-1

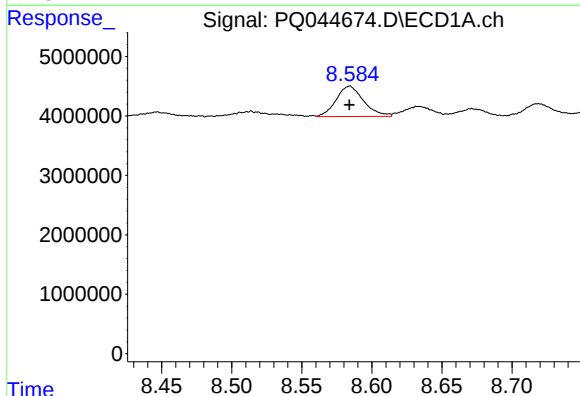
R.T.: 8.321 min
Delta R.T.: 0.000 min
Response: 6784723
Conc: 68.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT4-2019



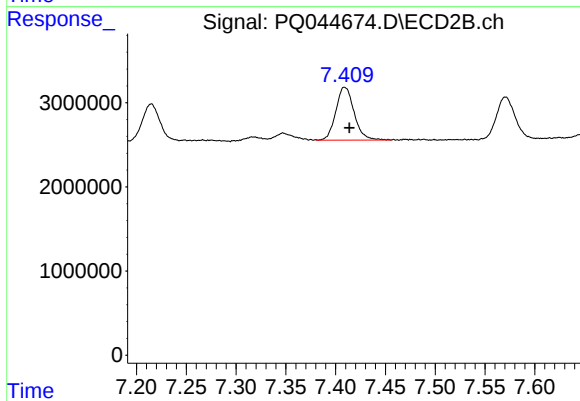
#31 AR-1260-1

R.T.: 7.215 min
Delta R.T.: -0.004 min
Response: 5449738
Conc: 46.73 ng/ml



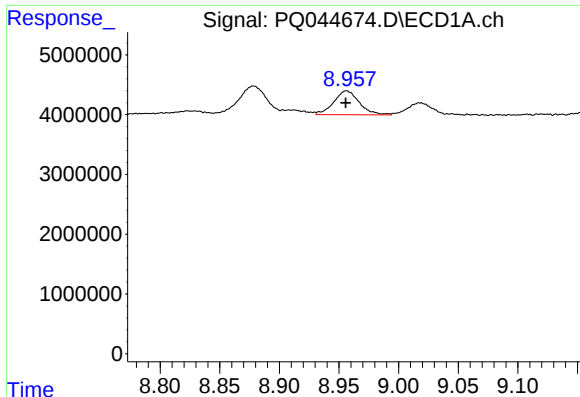
#32 AR-1260-2

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 6951252
Conc: 59.21 ng/ml



#32 AR-1260-2

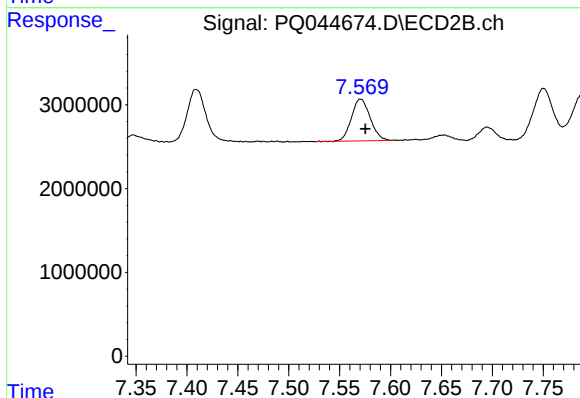
R.T.: 7.409 min
Delta R.T.: -0.005 min
Response: 8021459
Conc: 52.59 ng/ml



#33 AR-1260-3

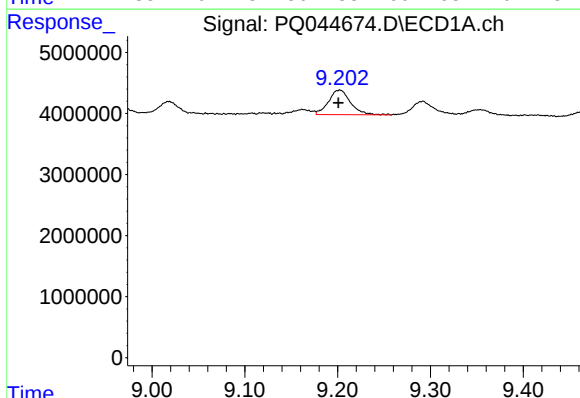
R.T.: 8.956 min
Delta R.T.: 0.000 min
Response: 6008702
Conc: 59.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT4-2019



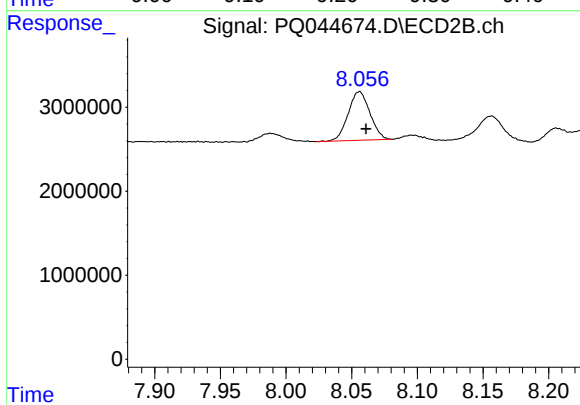
#33 AR-1260-3

R.T.: 7.571 min
Delta R.T.: -0.005 min
Response: 6365611
Conc: 46.36 ng/ml



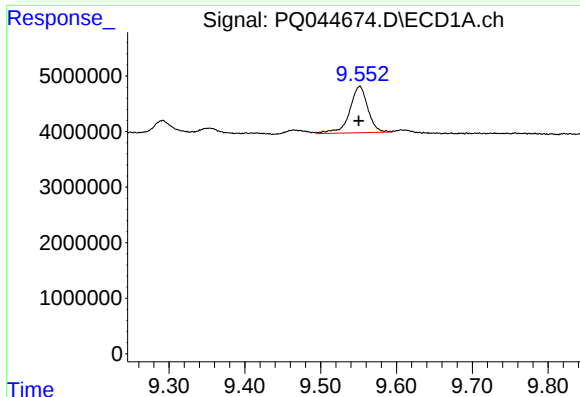
#34 AR-1260-4

R.T.: 9.202 min
Delta R.T.: 0.002 min
Response: 6638564
Conc: 55.29 ng/ml



#34 AR-1260-4

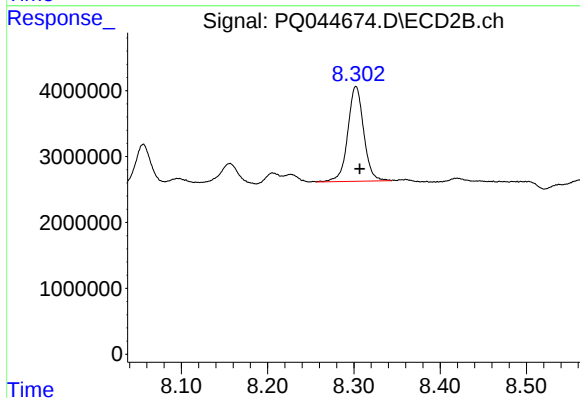
R.T.: 8.056 min
Delta R.T.: -0.005 min
Response: 6688254
Conc: 49.71 ng/ml



#35 AR-1260-5

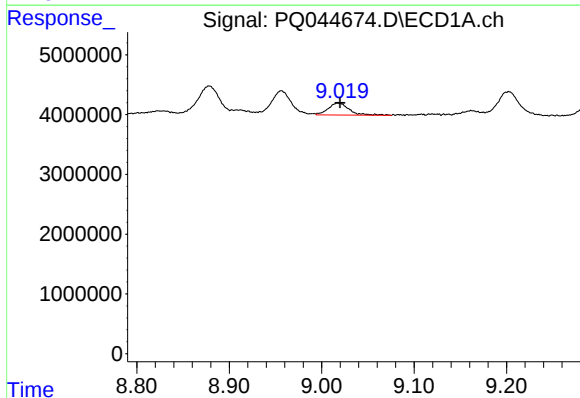
R.T.: 9.552 min
Delta R.T.: 0.001 min
Response: 13889173
Conc: 52.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT4-2019



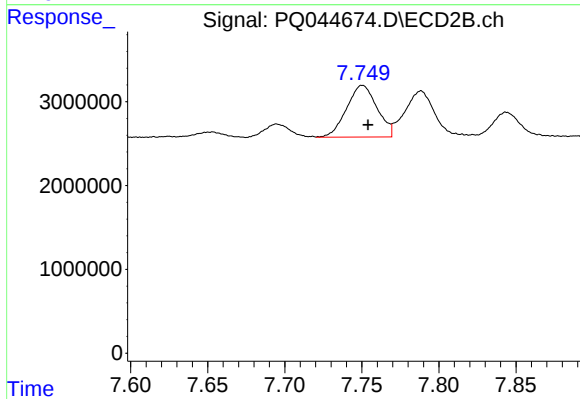
#35 AR-1260-5

R.T.: 8.302 min
Delta R.T.: -0.004 min
Response: 18430906
Conc: 52.27 ng/ml



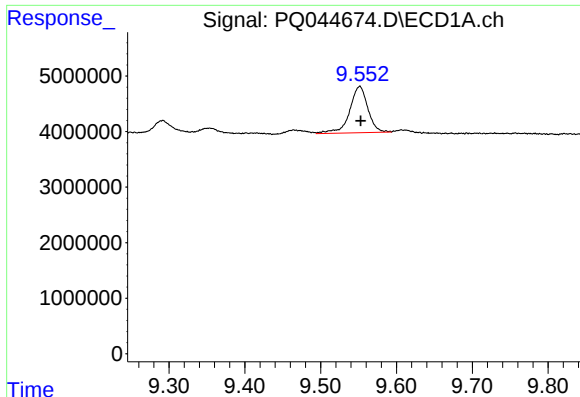
#36 AR-1262-1

R.T.: 9.018 min
Delta R.T.: -0.002 min
Response: 3195184
Conc: 46.21 ng/ml



#36 AR-1262-1

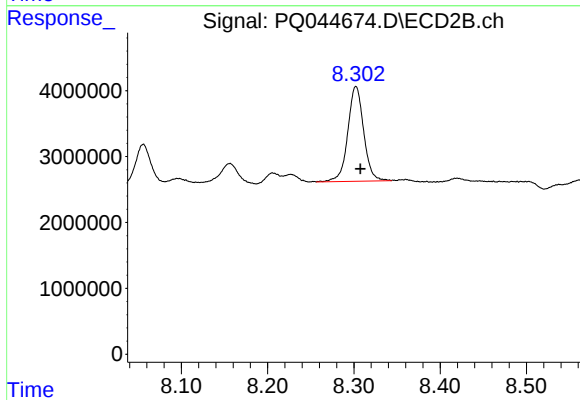
R.T.: 7.750 min
Delta R.T.: -0.004 min
Response: 8474273
Conc: 79.57 ng/ml



#37 AR-1262-2

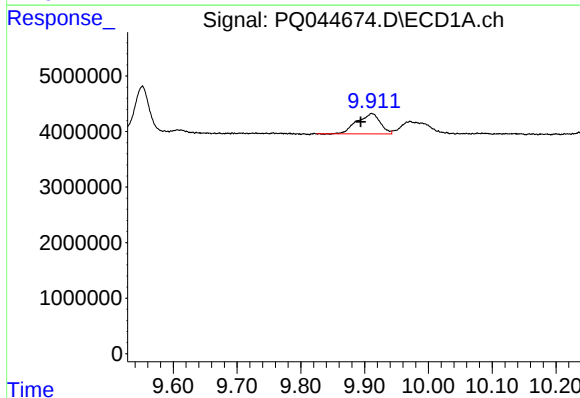
R.T.: 9.552 min
Delta R.T.: -0.001 min
Response: 13889173
Conc: 44.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT4-2019



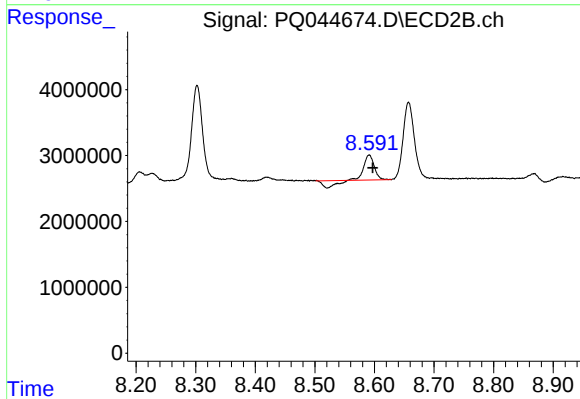
#37 AR-1262-2

R.T.: 8.302 min
Delta R.T.: -0.005 min
Response: 18430906
Conc: 42.16 ng/ml



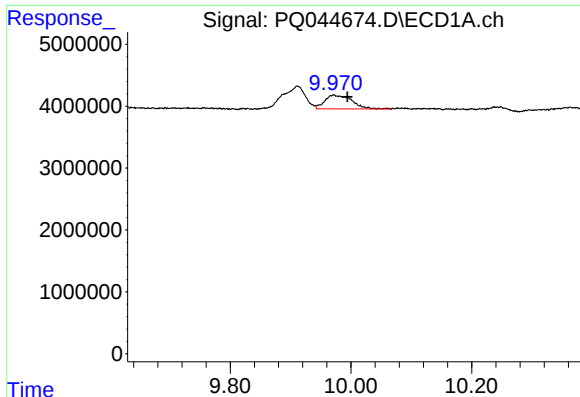
#38 AR-1262-3

R.T.: 9.911 min
Delta R.T.: 0.017 min
Response: 9336269
Conc: 38.89 ng/ml



#38 AR-1262-3

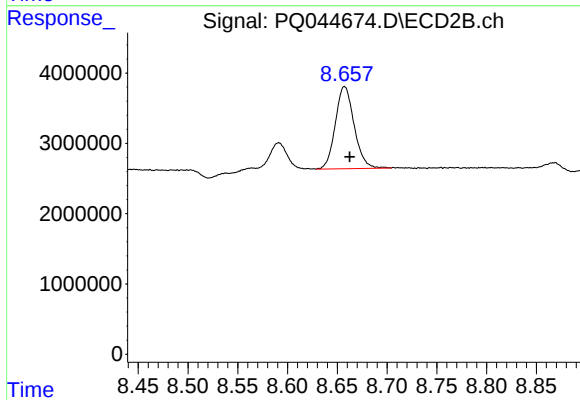
R.T.: 8.591 min
Delta R.T.: -0.006 min
Response: 3237480
Conc: 18.19 ng/ml



#39 AR-1262-4

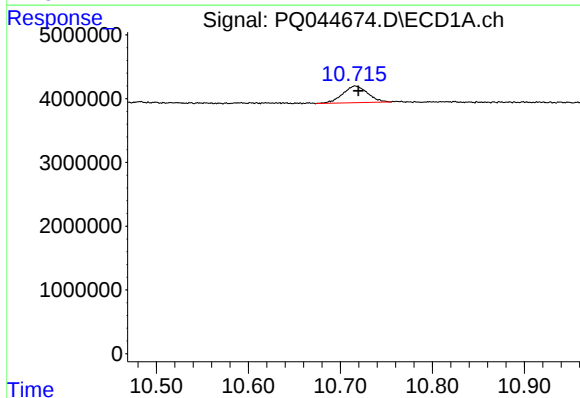
R.T.: 9.972 min
Delta R.T.: -0.023 min
Response: 6984315
Conc: 33.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT4-2019



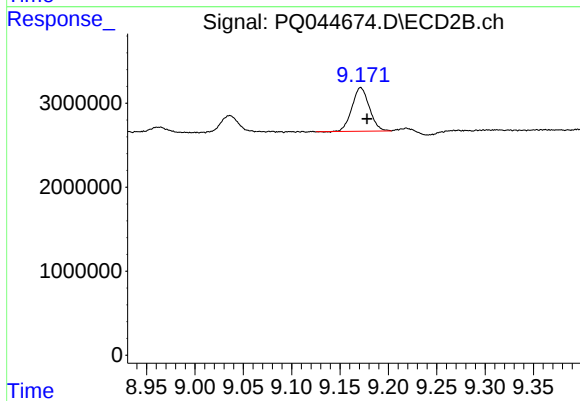
#39 AR-1262-4

R.T.: 8.657 min
Delta R.T.: -0.005 min
Response: 15381362
Conc: 43.86 ng/ml



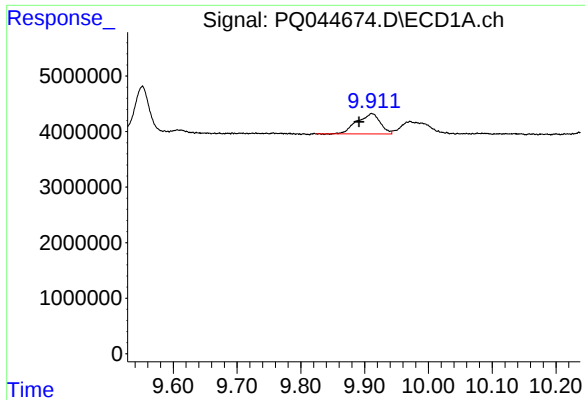
#40 AR-1262-5

R.T.: 10.716 min
Delta R.T.: -0.003 min
Response: 4921998
Conc: 30.89 ng/ml



#40 AR-1262-5

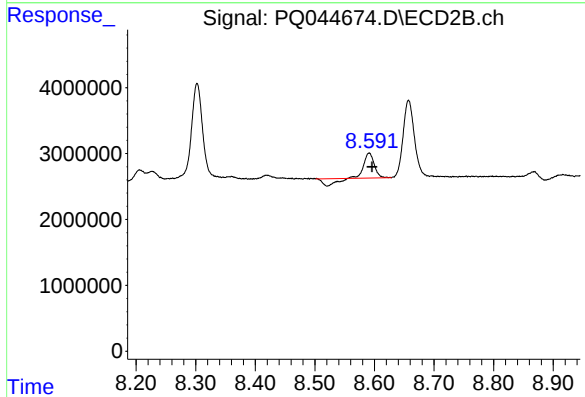
R.T.: 9.171 min
Delta R.T.: -0.007 min
Response: 6521860
Conc: 38.29 ng/ml



#41 AR-1268-1

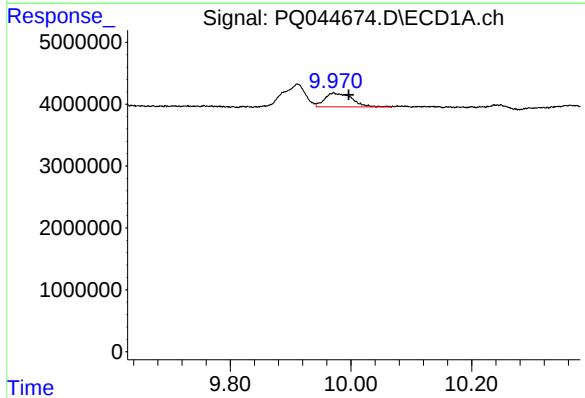
R.T.: 9.911 min
Delta R.T.: 0.020 min
Response: 9336269
Conc: 21.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT4-2019



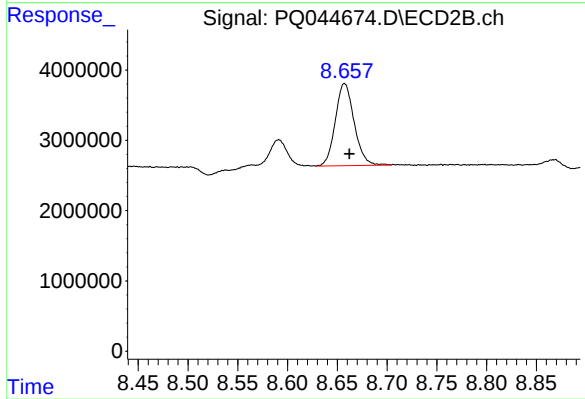
#41 AR-1268-1

R.T.: 8.591 min
Delta R.T.: -0.005 min
Response: 3237480
Conc: 6.17 ng/ml



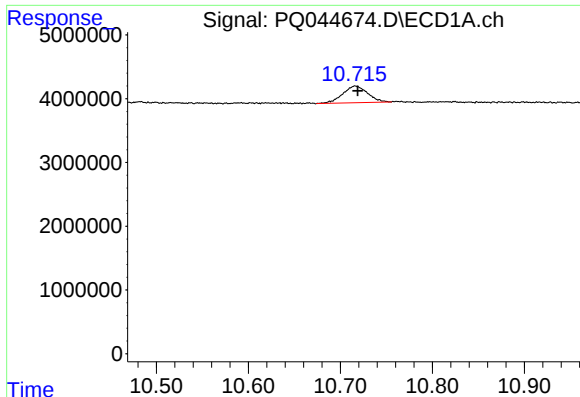
#42 AR-1268-2

R.T.: 9.972 min
Delta R.T.: -0.025 min
Response: 6984315
Conc: 14.98 ng/ml



#42 AR-1268-2

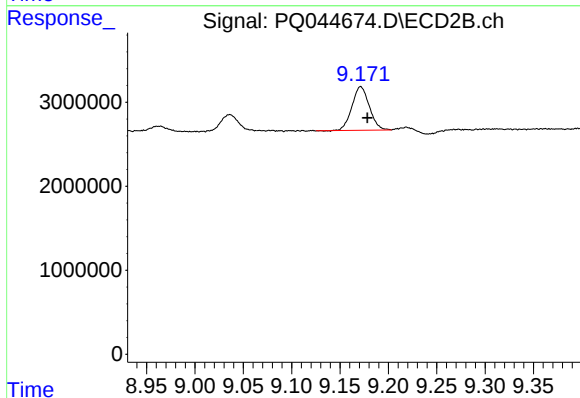
R.T.: 8.657 min
Delta R.T.: -0.005 min
Response: 15381362
Conc: 30.95 ng/ml



#44 AR-1268-4

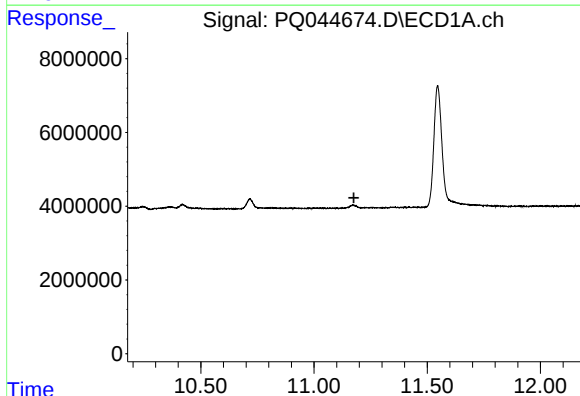
R.T.: 10.716 min
Delta R.T.: -0.003 min
Response: 4921998
Conc: 27.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT4-2019



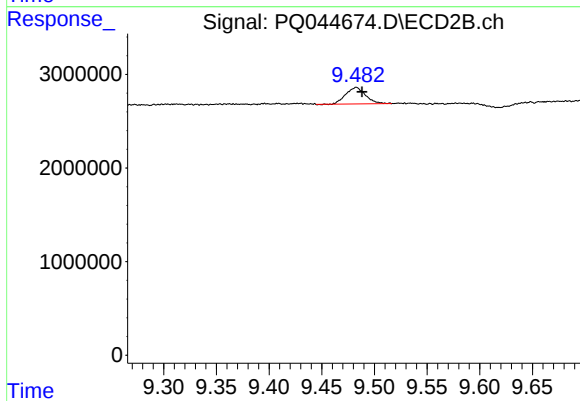
#44 AR-1268-4

R.T.: 9.171 min
Delta R.T.: -0.007 min
Response: 6521860
Conc: 33.21 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 11.176 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.483 min
Delta R.T.: -0.006 min
Response: 2305545
Conc: 1.53 ng/ml