

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100621\
 Data File : PQ054887.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Oct 2021 05:21
 Operator : AJ\MA
 Sample : M4089-05
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 07 09:09:47 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091421.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 15 05:25:53 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...	5.193	4.200	316.8E6	262.8E6	13.265	19.880 #
2)	SA Decachlor...	11.355	9.522f	227.8E6	150.4E6	13.497	11.101
Target Compounds							
3)	L1 AR-1016-1	6.535	5.492f	65982347	19904125	79.992	43.857 #
4)	L1 AR-1016-2	6.564	5.492	62505981	19904125	51.241	28.047 #
5)	L1 AR-1016-3	6.628	5.700f	56087655	13999960	74.085	40.879 #
7)	L1 AR-1016-5	7.017f	5.952	23654397	51056082	41.635	147.913 #
8)	L2 AR-1221-1	0.000	4.457	0	12733813	N.D.	97.962 #
9)	L2 AR-1221-2	5.549	0.000	54764312	0	286.494	N.D. #
10)	L2 AR-1221-3	5.640	0.000	50912380	0	84.947	N.D. #
11)	L3 AR-1232-1	5.640	0.000	50912380	0	110.027	N.D. #
12)	L3 AR-1232-2	6.221	5.492	58534077	19904125	206.795	64.114 #
13)	L3 AR-1232-3	6.564	5.700f	62505981	13999960	118.876	97.152
14)	L3 AR-1232-4	0.000	5.779	0	11788708	N.D.	93.324 #
15)	L3 AR-1232-5	6.824	5.952	14262275	51056082	70.537	352.032 #
16)	L4 AR-1242-1	6.535	5.492f	65982347	19904125	112.015	61.701 #
17)	L4 AR-1242-2	6.564	5.492	62505981	19904125	69.665	39.057 #
18)	L4 AR-1242-3	6.628	5.700f	56087655	13999960	99.809	54.521 #
19)	L4 AR-1242-4	0.000	5.779	0	11788708	N.D.	46.579 #
20)	L4 AR-1242-5	7.509	6.341	26502325	3775362	56.601	10.627 #
21)	L5 AR-1248-1	6.535	5.492f	65982347	19904125	131.833	76.074 #
22)	L5 AR-1248-2	6.824	5.700f	14262275	13999960	21.952	39.306 #
23)	L5 AR-1248-3	7.017f	5.779	23654397	11788708	33.077	33.151
24)	L5 AR-1248-4	7.471	5.952	22743662	51056082	28.749	118.857 #
25)	L5 AR-1248-5	7.509	6.380	26502325	3192114	33.026	7.451 #
26)	L6 AR-1254-1	7.423	6.341	44647423	3775362	51.255	4.956 #
27)	L6 AR-1254-2	7.660	6.470f	22053077	24302657	16.487	34.729 #
28)	L6 AR-1254-3	0.000	6.915	0	16113014	N.D.	14.616 #
29)	L6 AR-1254-4	8.347	0.000	62290382	0	58.471	N.D. #
31)	L7 AR-1260-1	8.197	7.043	47312817	9468136	47.675	12.608 #
32)	L7 AR-1260-2	8.449f	7.247	60441701	10622696	51.365	10.264 #
33)	L7 AR-1260-3	8.862f	7.420	30967265	80646232	40.433	91.213 #
34)	L7 AR-1260-4	9.097f	7.883	35516520	25204702	38.023	36.425
36)	L8 AR-1262-1	8.862f	0.000	30967265	0	26.355	N.D. #
38)	L8 AR-1262-3	9.740	8.417	35479596	4228194	39.833	4.765 #
39)	L8 AR-1262-4	9.853	0.000	18205498	0	32.273	N.D. #
41)	L9 AR-1268-1	9.740	8.417	35479596	4228194	14.147	1.558 #
42)	L9 AR-1268-2	9.853	0.000	18205498	0	7.960	N.D. #
43)	L9 AR-1268-3	0.000	8.693	0	6630809	N.D.	3.290 #
45)	L9 AR-1268-5	0.000	9.260f	0	2039693	N.D.	0.355 #

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QLast Update : Wed Sep 15 05:25:53 2021
Response via : Initial Calibration
Integrator: ChemStation

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

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

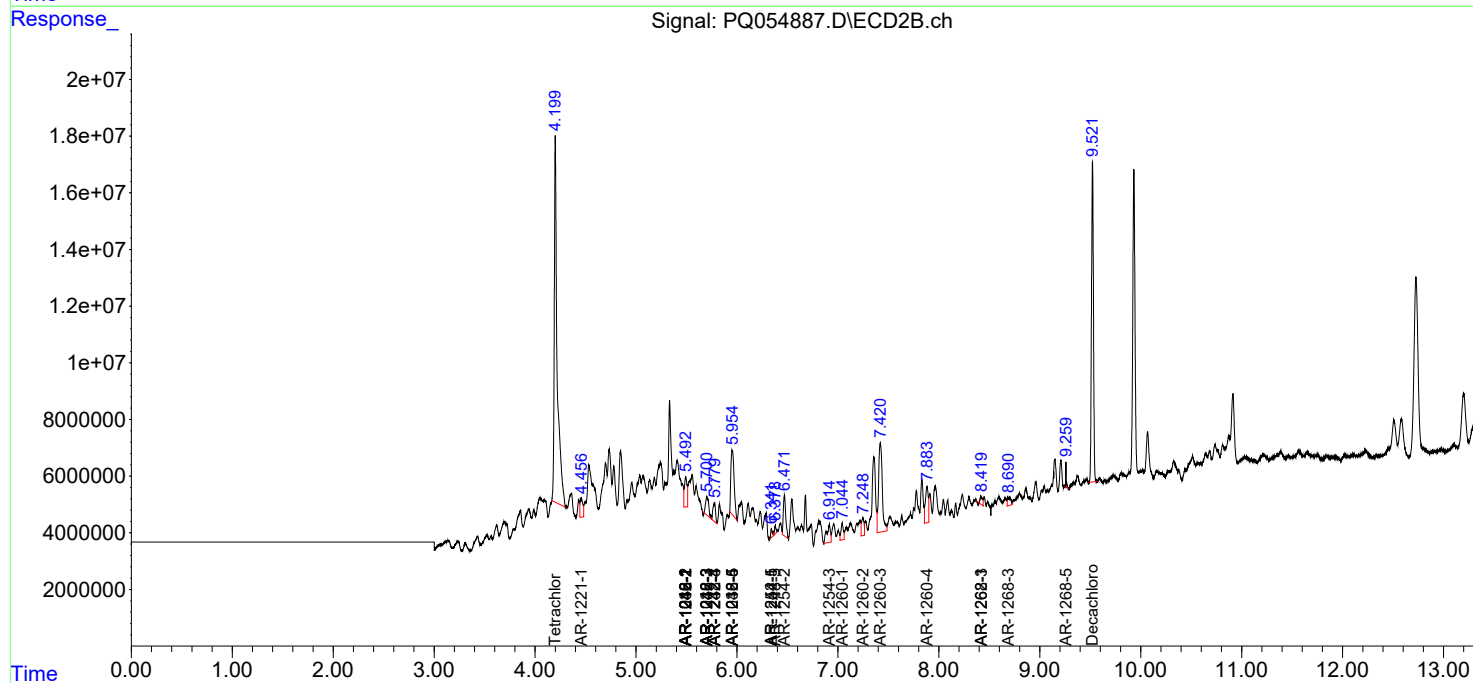
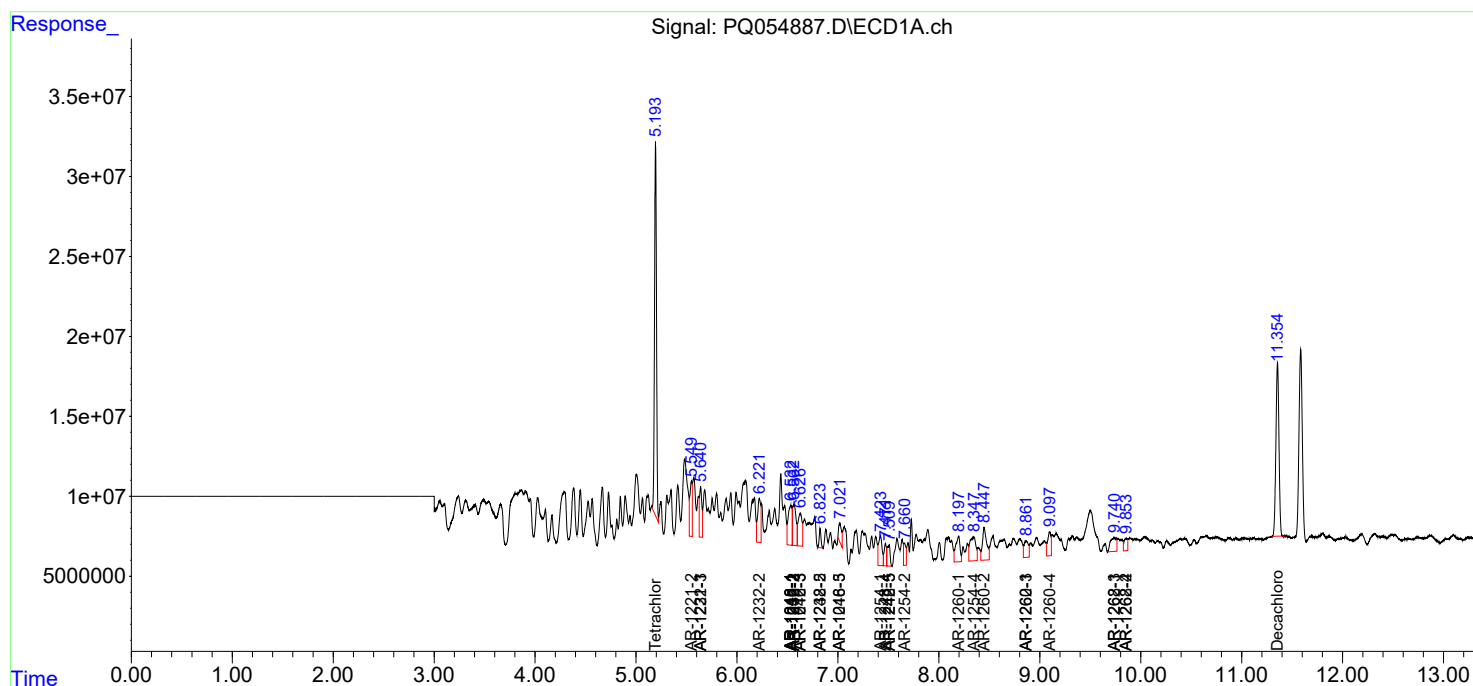
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.						

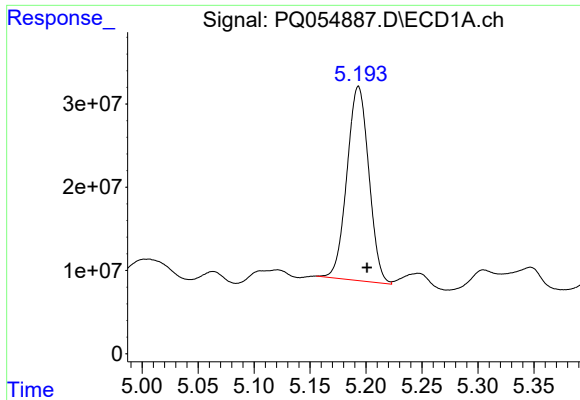
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100621\
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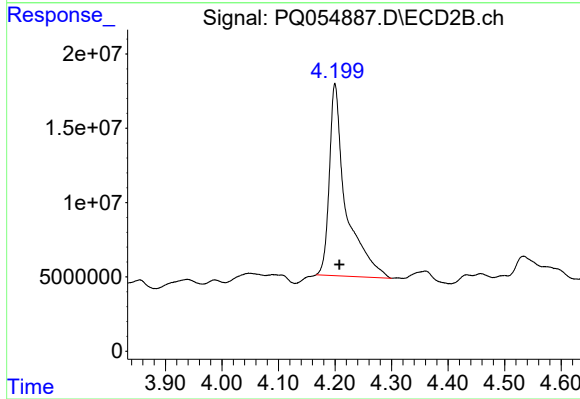




#1 Tetrachloro-m-xylene

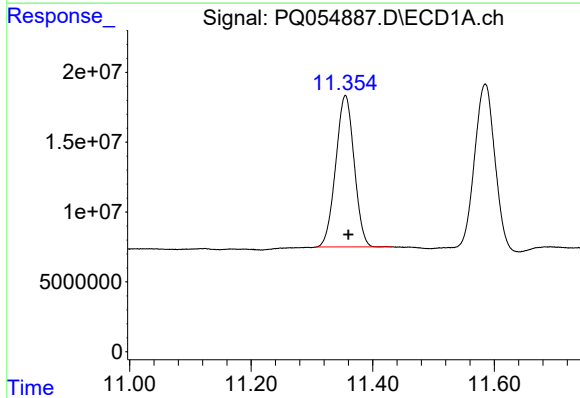
R.T.: 5.193 min
Delta R.T.: -0.008 min
Response: 316785205
Conc: 13.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



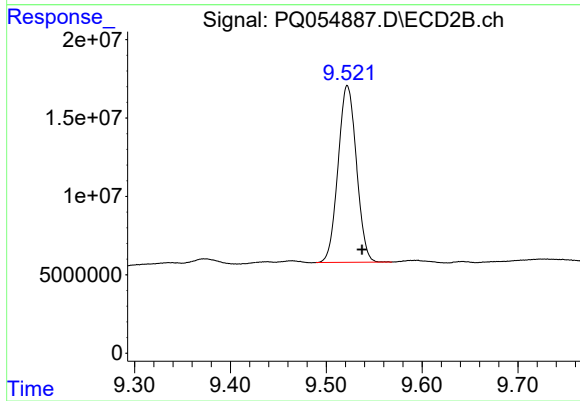
#1 Tetrachloro-m-xylene

R.T.: 4.200 min
Delta R.T.: -0.008 min
Response: 262807697
Conc: 19.88 ng/ml



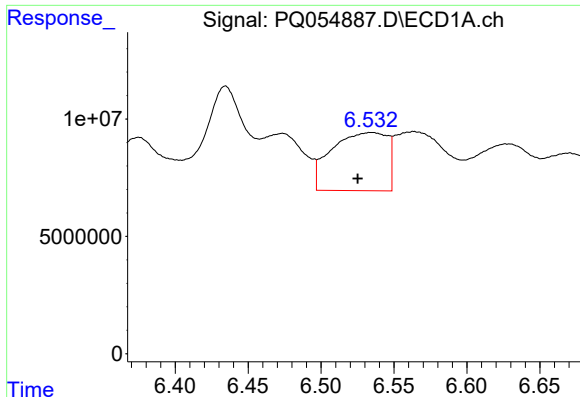
#2 Decachlorobiphenyl

R.T.: 11.355 min
Delta R.T.: -0.005 min
Response: 227799270
Conc: 13.50 ng/ml



#2 Decachlorobiphenyl

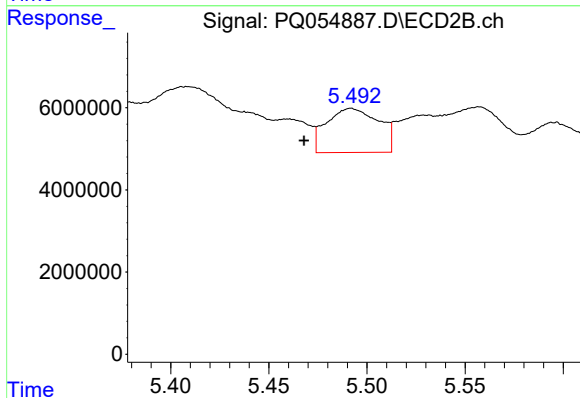
R.T.: 9.522 min
Delta R.T.: -0.015 min
Response: 150445938
Conc: 11.10 ng/ml



#3 AR-1016-1

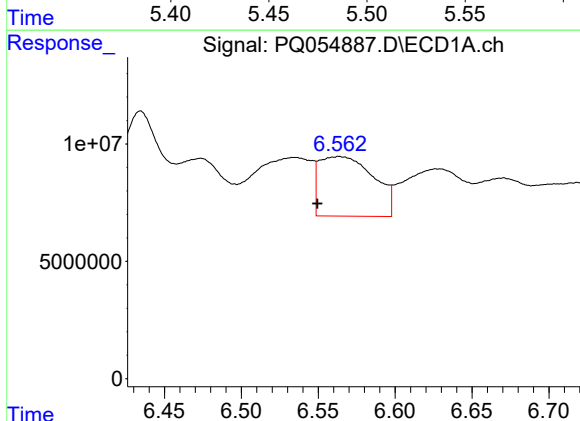
R.T.: 6.535 min
Delta R.T.: 0.009 min
Response: 65982347
Conc: 79.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



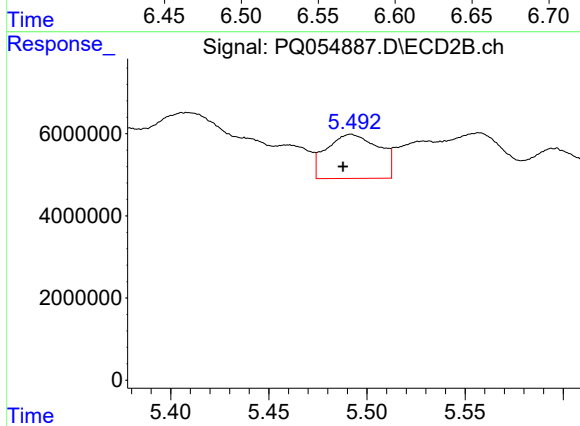
#3 AR-1016-1

R.T.: 5.492 min
Delta R.T.: 0.024 min
Response: 19904125
Conc: 43.86 ng/ml



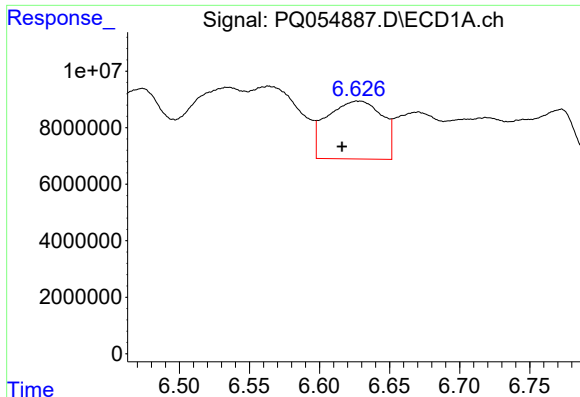
#4 AR-1016-2

R.T.: 6.564 min
Delta R.T.: 0.014 min
Response: 62505981
Conc: 51.24 ng/ml



#4 AR-1016-2

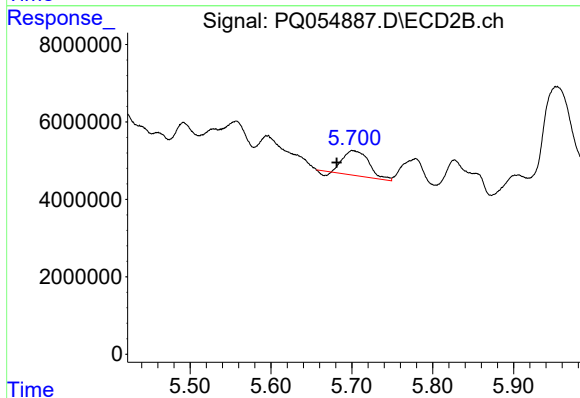
R.T.: 5.492 min
Delta R.T.: 0.004 min
Response: 19904125
Conc: 28.05 ng/ml



#5 AR-1016-3

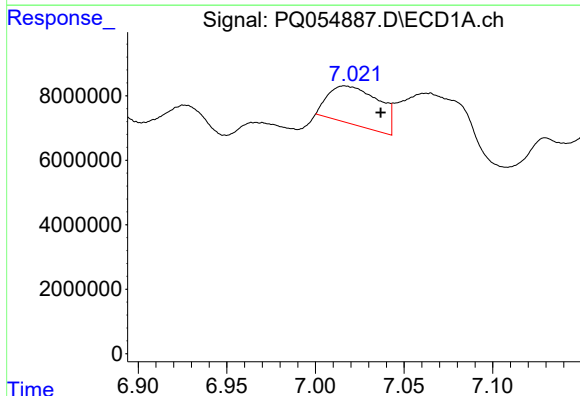
R.T.: 6.628 min
Delta R.T.: 0.012 min
Response: 56087655
Conc: 74.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



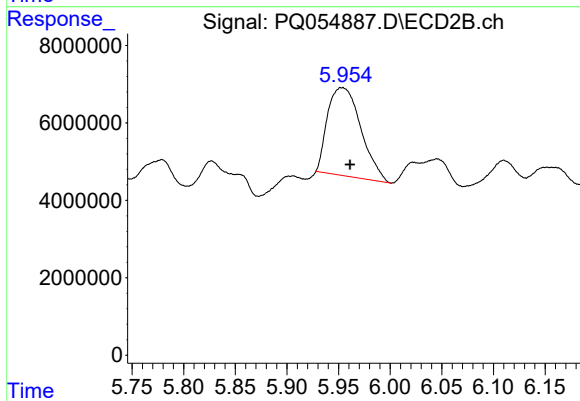
#5 AR-1016-3

R.T.: 5.700 min
Delta R.T.: 0.019 min
Response: 13999960
Conc: 40.88 ng/ml



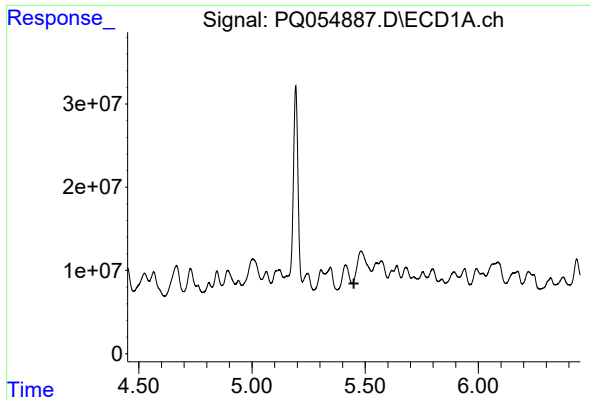
#7 AR-1016-5

R.T.: 7.017 min
Delta R.T.: -0.020 min
Response: 23654397
Conc: 41.63 ng/ml



#7 AR-1016-5

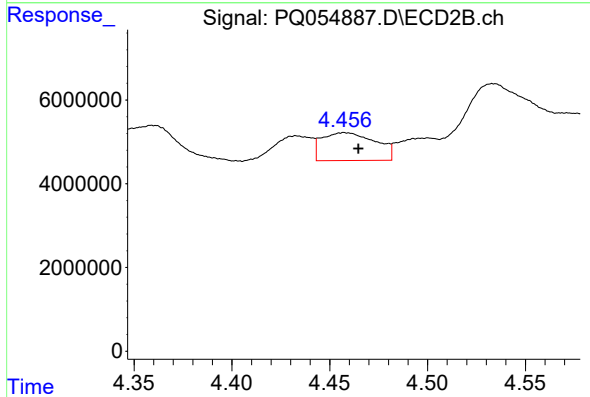
R.T.: 5.952 min
Delta R.T.: -0.009 min
Response: 51056082
Conc: 147.91 ng/ml



#8 AR-1221-1

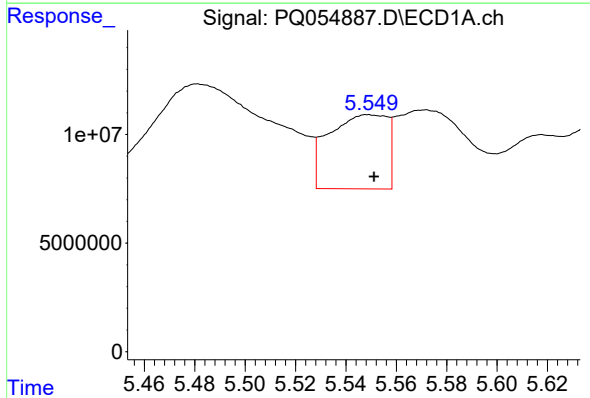
R.T.: 0.000 min
Exp R.T.: 5.450 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



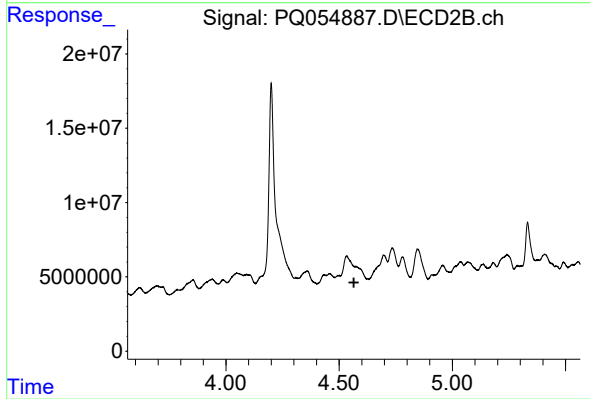
#8 AR-1221-1

R.T.: 4.457 min
Delta R.T.: -0.007 min
Response: 12733813
Conc: 97.96 ng/ml



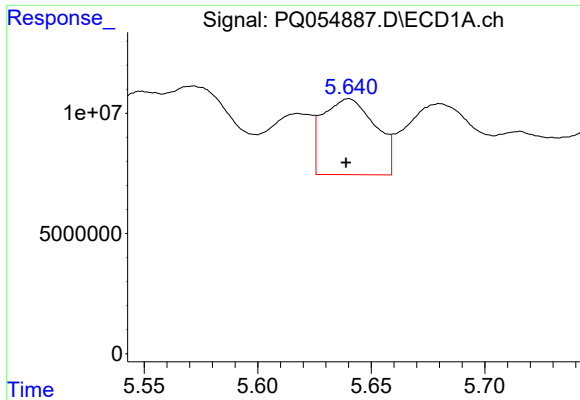
#9 AR-1221-2

R.T.: 5.549 min
Delta R.T.: -0.002 min
Response: 54764312
Conc: 286.49 ng/ml



#9 AR-1221-2

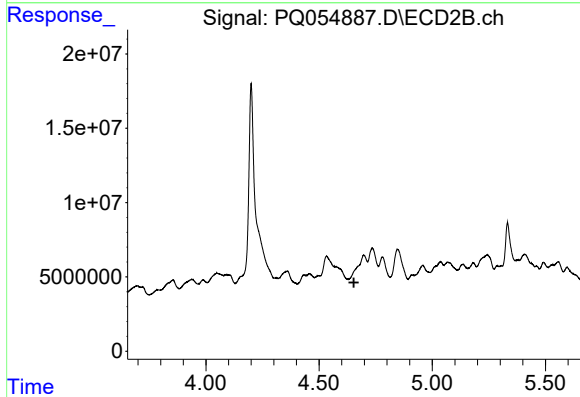
R.T.: 0.000 min
Exp R.T.: 4.565 min
Response: 0
Conc: N.D.



#10 AR-1221-3

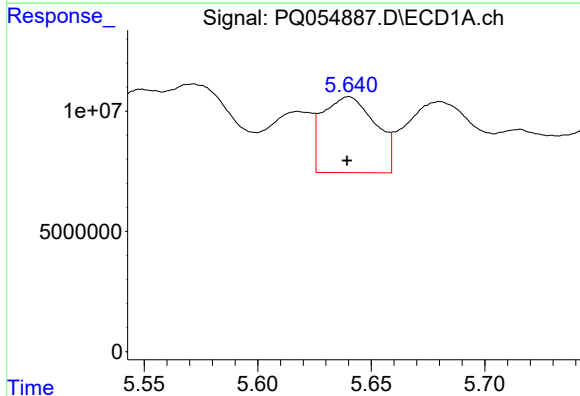
R.T.: 5.640 min
Delta R.T.: 0.001 min
Response: 50912380
Conc: 84.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



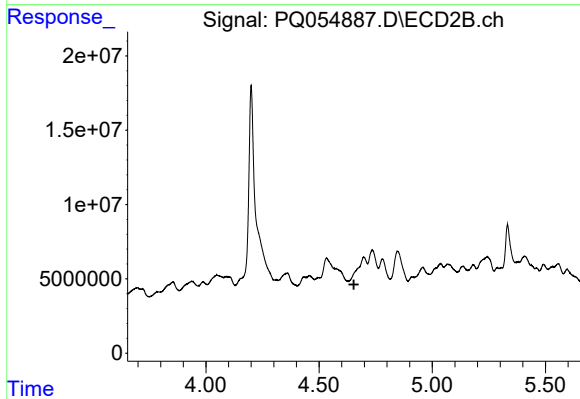
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.654 min
Response: 0
Conc: N.D.



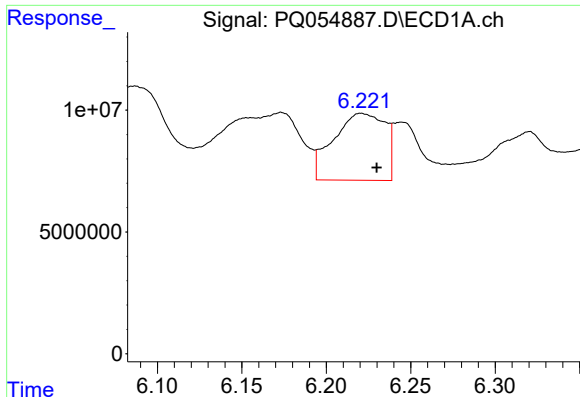
#11 AR-1232-1

R.T.: 5.640 min
Delta R.T.: 0.000 min
Response: 50912380
Conc: 110.03 ng/ml



#11 AR-1232-1

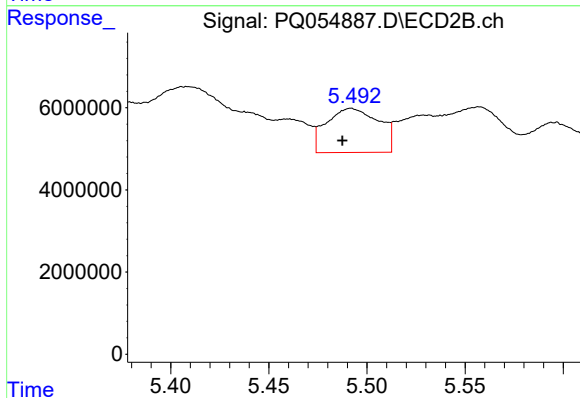
R.T.: 0.000 min
Exp R.T. : 4.654 min
Response: 0
Conc: N.D.



#12 AR-1232-2

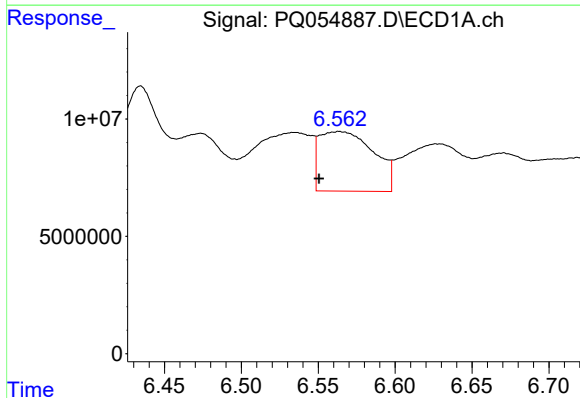
R.T.: 6.221 min
Delta R.T.: -0.009 min
Response: 58534077
Conc: 206.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



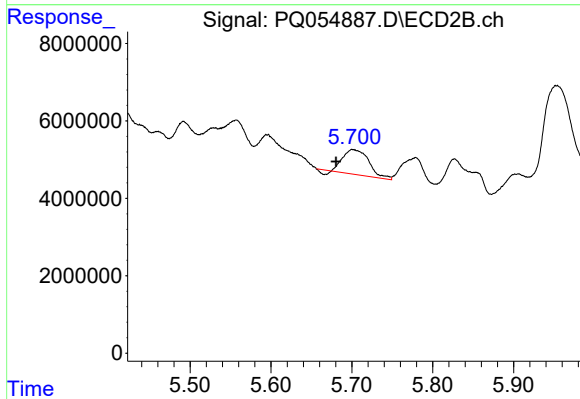
#12 AR-1232-2

R.T.: 5.492 min
Delta R.T.: 0.004 min
Response: 19904125
Conc: 64.11 ng/ml



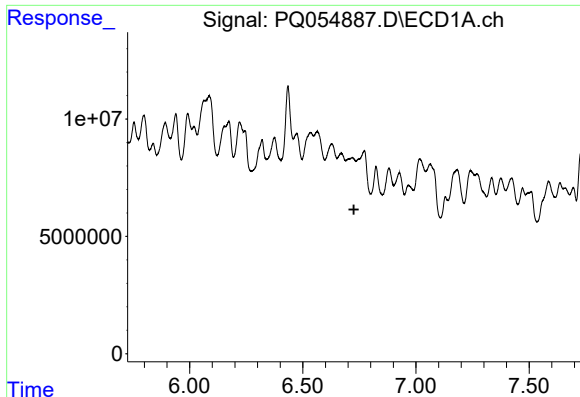
#13 AR-1232-3

R.T.: 6.564 min
Delta R.T.: 0.013 min
Response: 62505981
Conc: 118.88 ng/ml



#13 AR-1232-3

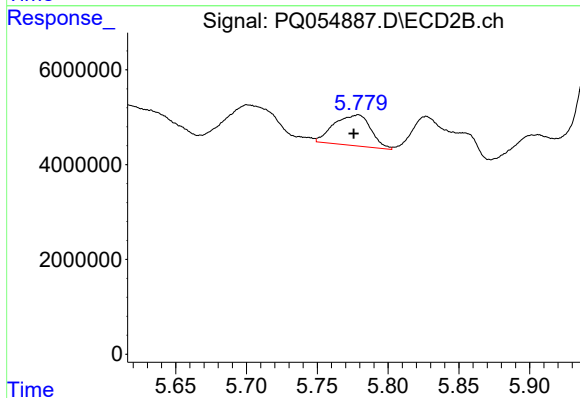
R.T.: 5.700 min
Delta R.T.: 0.020 min
Response: 13999960
Conc: 97.15 ng/ml



#14 AR-1232-4

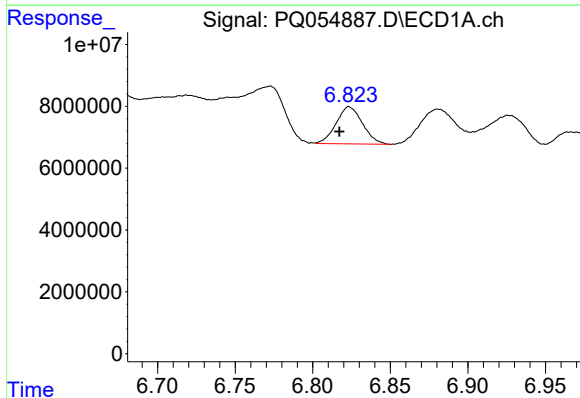
R.T.: 0.000 min
Exp R.T.: 6.726 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



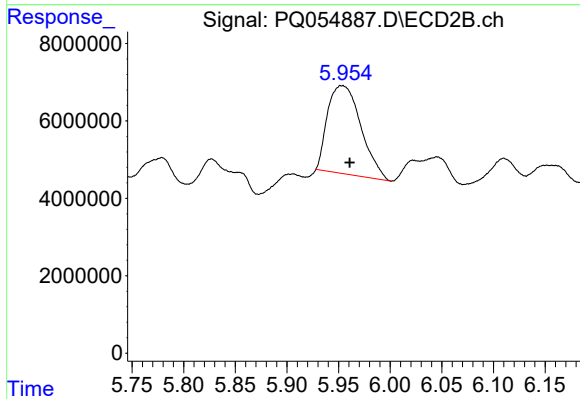
#14 AR-1232-4

R.T.: 5.779 min
Delta R.T.: 0.003 min
Response: 11788708
Conc: 93.32 ng/ml



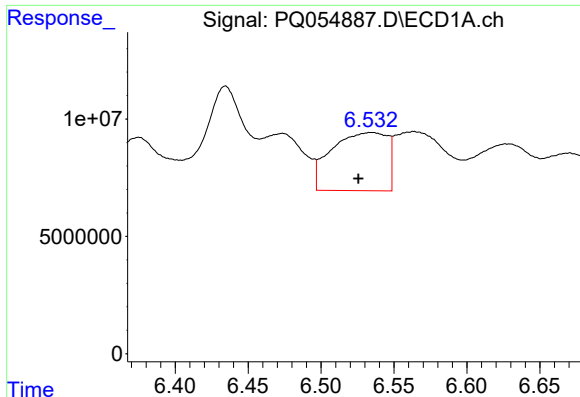
#15 AR-1232-5

R.T.: 6.824 min
Delta R.T.: 0.006 min
Response: 14262275
Conc: 70.54 ng/ml



#15 AR-1232-5

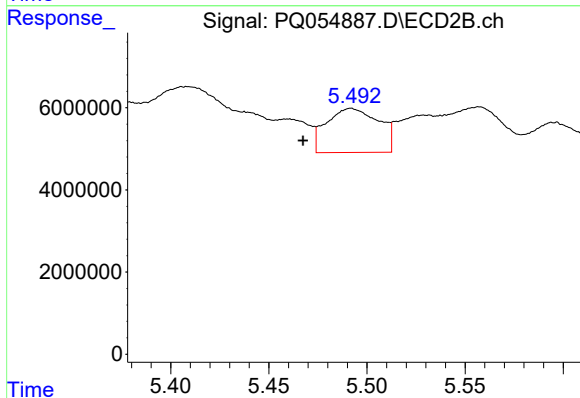
R.T.: 5.952 min
Delta R.T.: -0.009 min
Response: 51056082
Conc: 352.03 ng/ml



#16 AR-1242-1

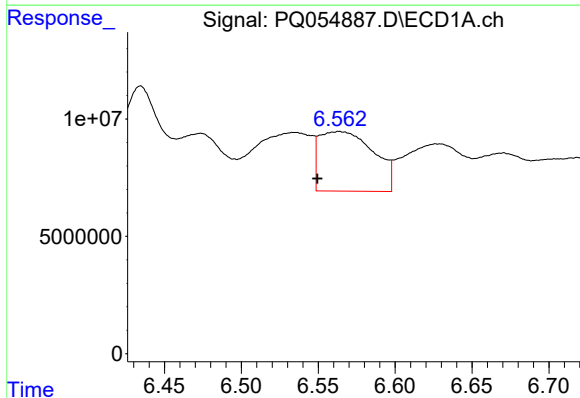
R.T.: 6.535 min
Delta R.T.: 0.009 min
Response: 65982347
Conc: 112.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



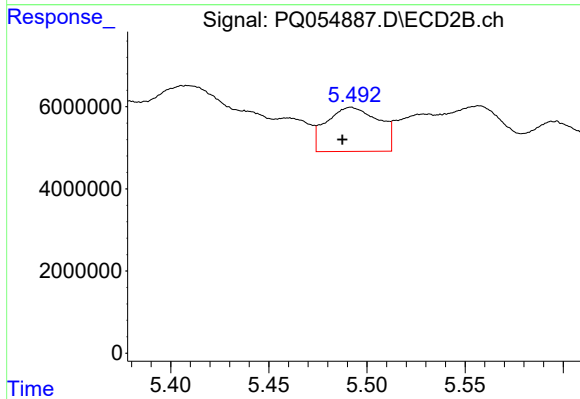
#16 AR-1242-1

R.T.: 5.492 min
Delta R.T.: 0.025 min
Response: 19904125
Conc: 61.70 ng/ml



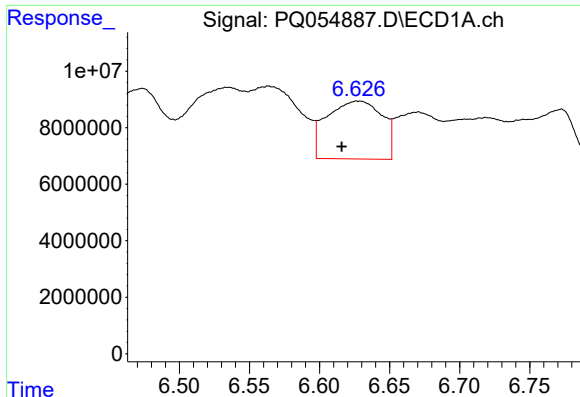
#17 AR-1242-2

R.T.: 6.564 min
Delta R.T.: 0.014 min
Response: 62505981
Conc: 69.67 ng/ml



#17 AR-1242-2

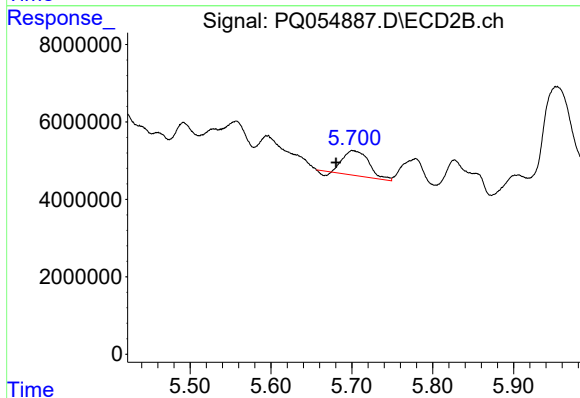
R.T.: 5.492 min
Delta R.T.: 0.004 min
Response: 19904125
Conc: 39.06 ng/ml



#18 AR-1242-3

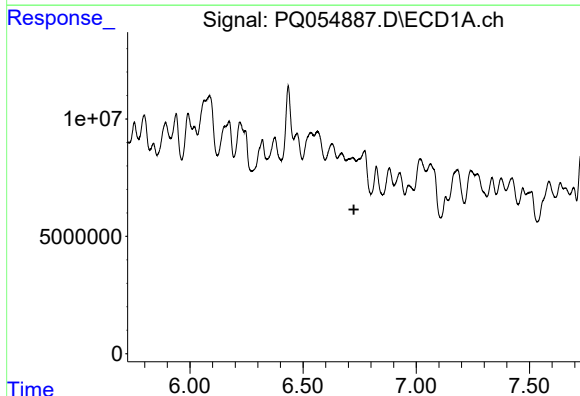
R.T.: 6.628 min
Delta R.T.: 0.012 min
Response: 56087655
Conc: 99.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



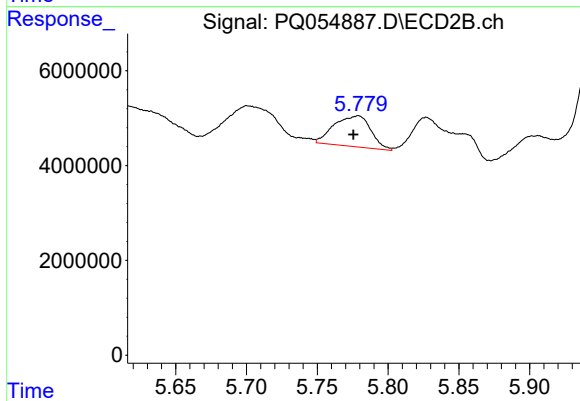
#18 AR-1242-3

R.T.: 5.700 min
Delta R.T.: 0.020 min
Response: 13999960
Conc: 54.52 ng/ml



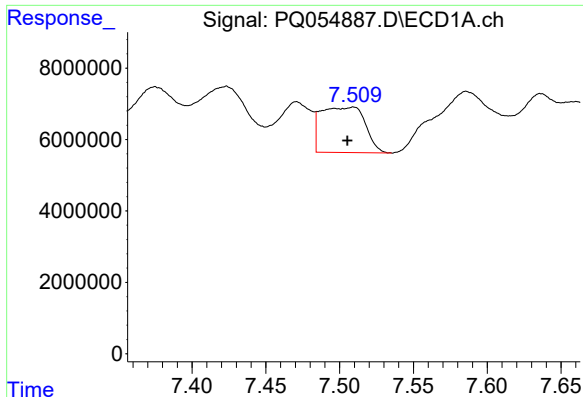
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 6.724 min
Response: 0
Conc: N.D.



#19 AR-1242-4

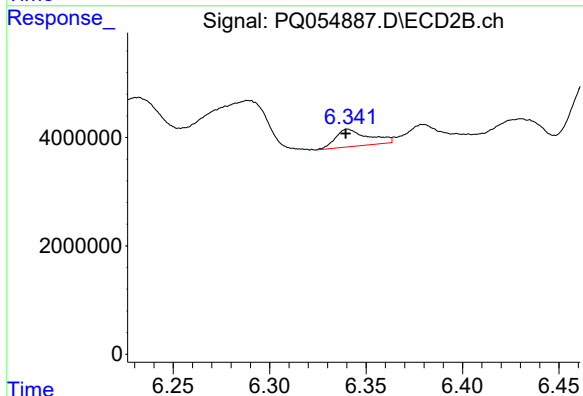
R.T.: 5.779 min
Delta R.T.: 0.004 min
Response: 11788708
Conc: 46.58 ng/ml



#20 AR-1242-5

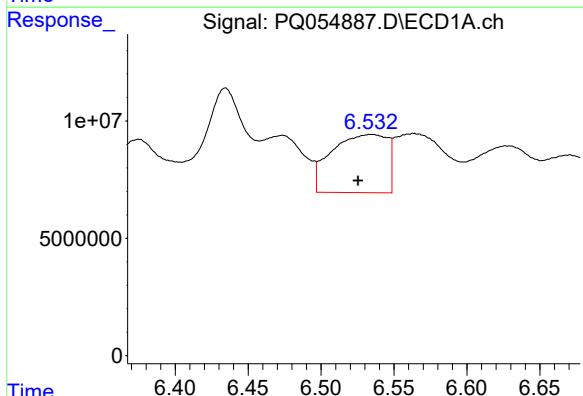
R.T.: 7.509 min
Delta R.T.: 0.004 min
Response: 26502325
Conc: 56.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



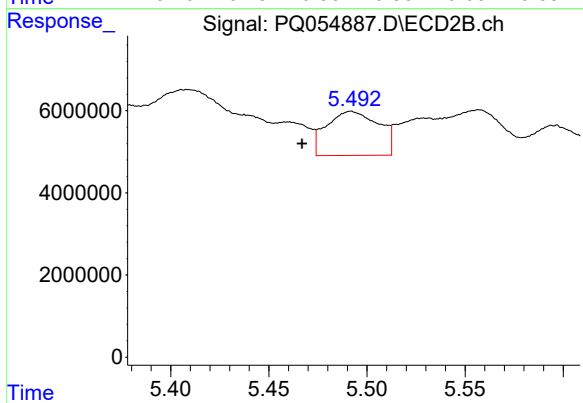
#20 AR-1242-5

R.T.: 6.341 min
Delta R.T.: 0.001 min
Response: 3775362
Conc: 10.63 ng/ml



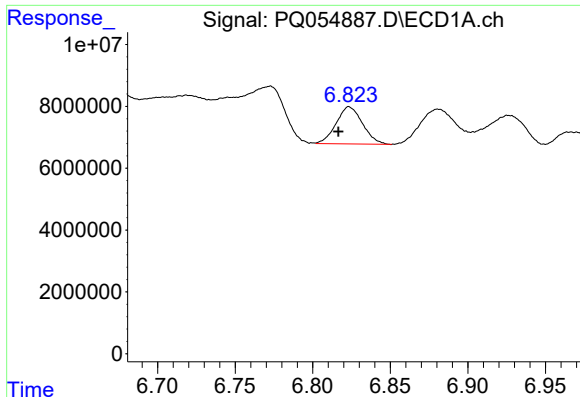
#21 AR-1248-1

R.T.: 6.535 min
Delta R.T.: 0.009 min
Response: 65982347
Conc: 131.83 ng/ml



#21 AR-1248-1

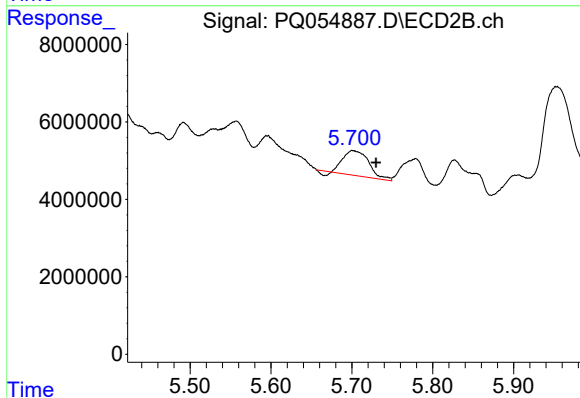
R.T.: 5.492 min
Delta R.T.: 0.025 min
Response: 19904125
Conc: 76.07 ng/ml



#22 AR-1248-2

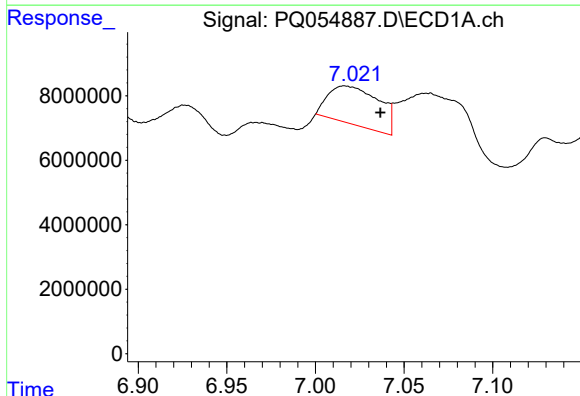
R.T.: 6.824 min
Delta R.T.: 0.007 min
Response: 14262275
Conc: 21.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



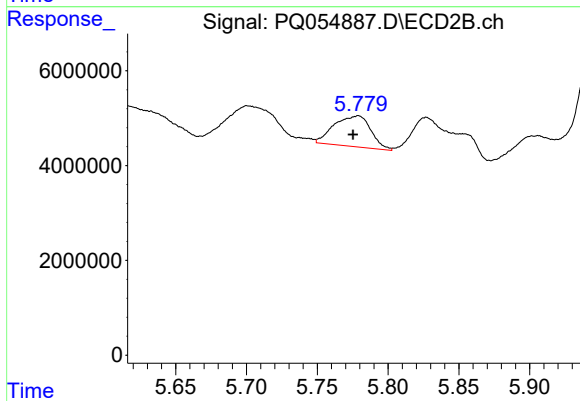
#22 AR-1248-2

R.T.: 5.700 min
Delta R.T.: -0.030 min
Response: 13999960
Conc: 39.31 ng/ml



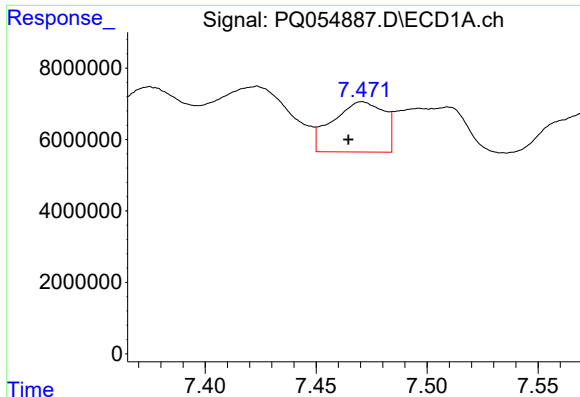
#23 AR-1248-3

R.T.: 7.017 min
Delta R.T.: -0.020 min
Response: 23654397
Conc: 33.08 ng/ml



#23 AR-1248-3

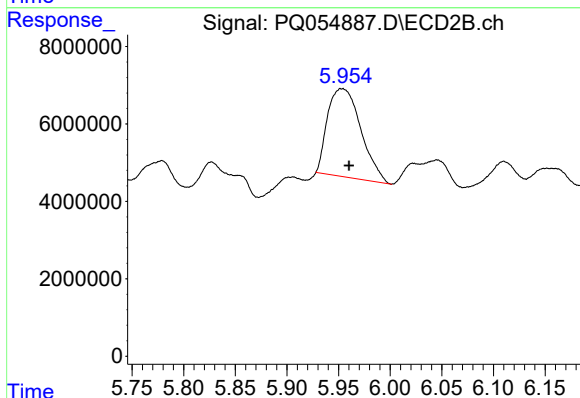
R.T.: 5.779 min
Delta R.T.: 0.004 min
Response: 11788708
Conc: 33.15 ng/ml



#24 AR-1248-4

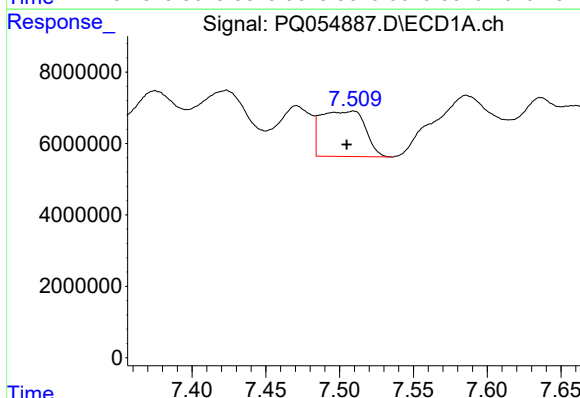
R.T.: 7.471 min
Delta R.T.: 0.006 min
Response: 22743662
Conc: 28.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



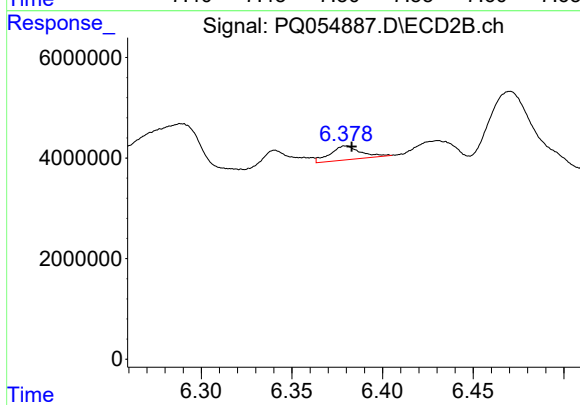
#24 AR-1248-4

R.T.: 5.952 min
Delta R.T.: -0.008 min
Response: 51056082
Conc: 118.86 ng/ml



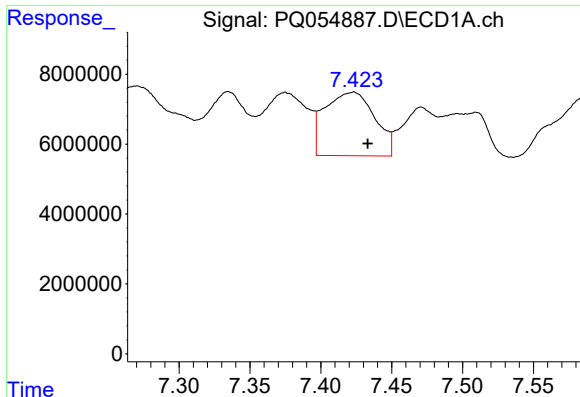
#25 AR-1248-5

R.T.: 7.509 min
Delta R.T.: 0.004 min
Response: 26502325
Conc: 33.03 ng/ml



#25 AR-1248-5

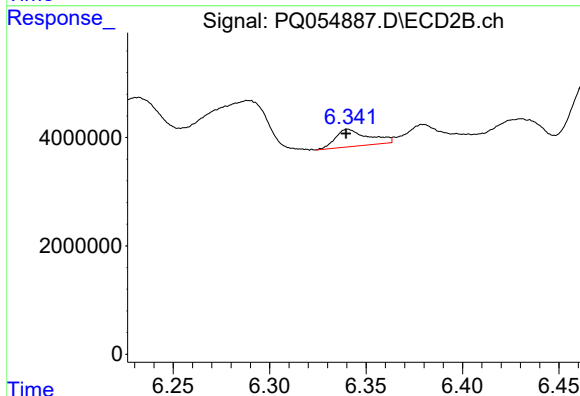
R.T.: 6.380 min
Delta R.T.: -0.003 min
Response: 3192114
Conc: 7.45 ng/ml



#26 AR-1254-1

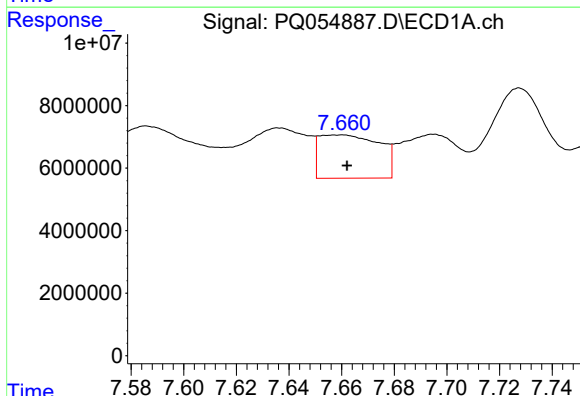
R.T.: 7.423 min
Delta R.T.: -0.010 min
Response: 44647423
Conc: 51.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



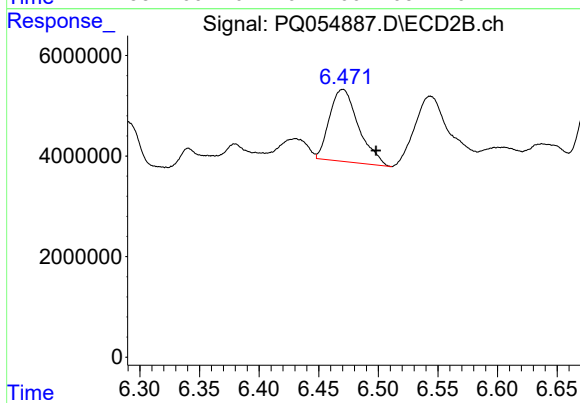
#26 AR-1254-1

R.T.: 6.341 min
Delta R.T.: 0.000 min
Response: 3775362
Conc: 4.96 ng/ml



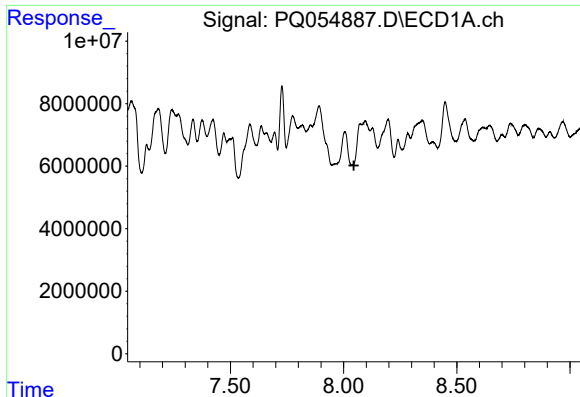
#27 AR-1254-2

R.T.: 7.660 min
Delta R.T.: -0.002 min
Response: 22053077
Conc: 16.49 ng/ml



#27 AR-1254-2

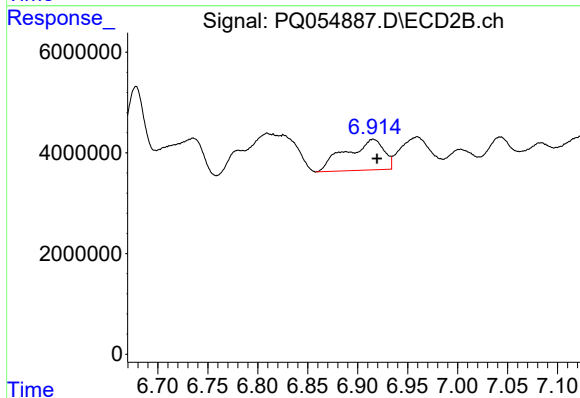
R.T.: 6.470 min
Delta R.T.: -0.028 min
Response: 24302657
Conc: 34.73 ng/ml



#28 AR-1254-3

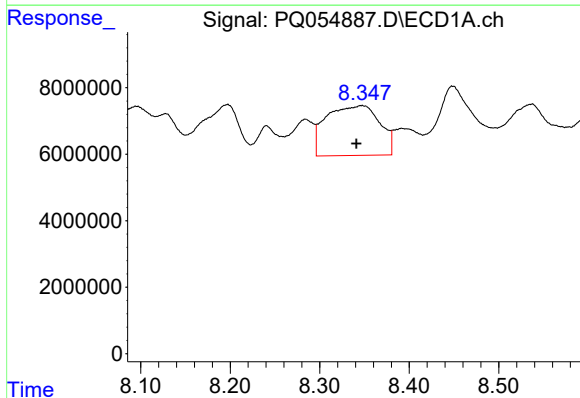
R.T.: 0.000 min
Exp R.T.: 8.045 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



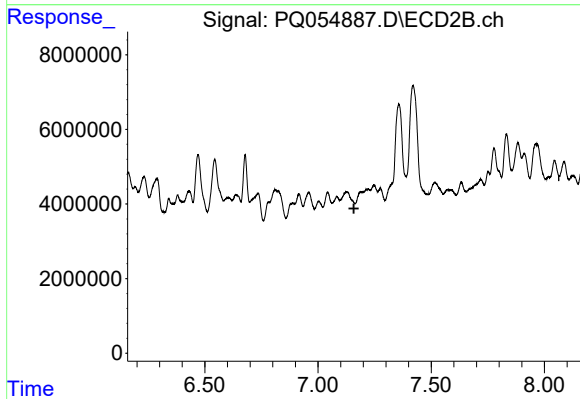
#28 AR-1254-3

R.T.: 6.915 min
Delta R.T.: -0.004 min
Response: 16113014
Conc: 14.62 ng/ml



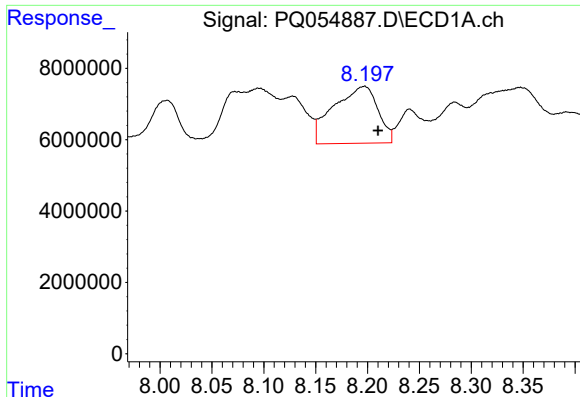
#29 AR-1254-4

R.T.: 8.347 min
Delta R.T.: 0.006 min
Response: 62290382
Conc: 58.47 ng/ml



#29 AR-1254-4

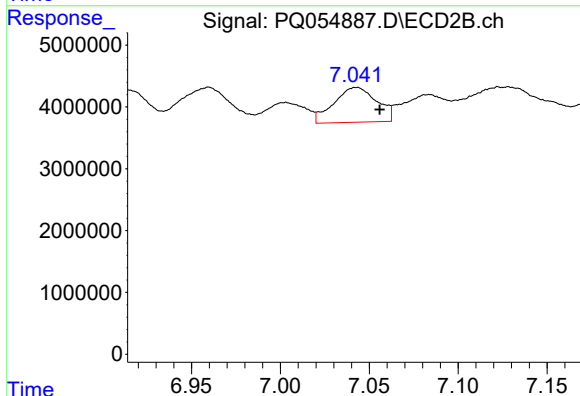
R.T.: 0.000 min
Exp R.T.: 7.158 min
Response: 0
Conc: N.D.



#31 AR-1260-1

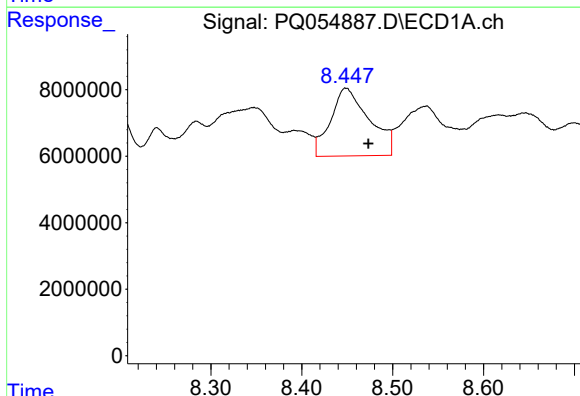
R.T.: 8.197 min
Delta R.T.: -0.013 min
Response: 47312817
Conc: 47.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



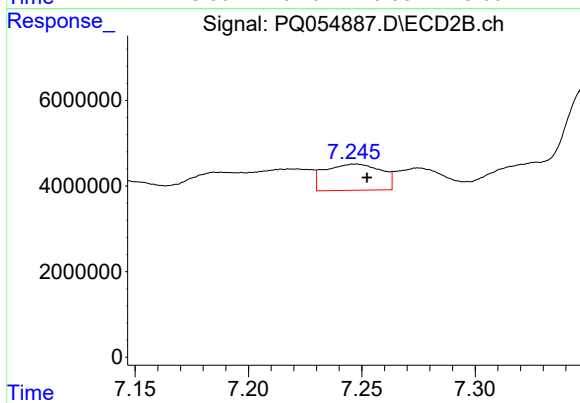
#31 AR-1260-1

R.T.: 7.043 min
Delta R.T.: -0.013 min
Response: 9468136
Conc: 12.61 ng/ml



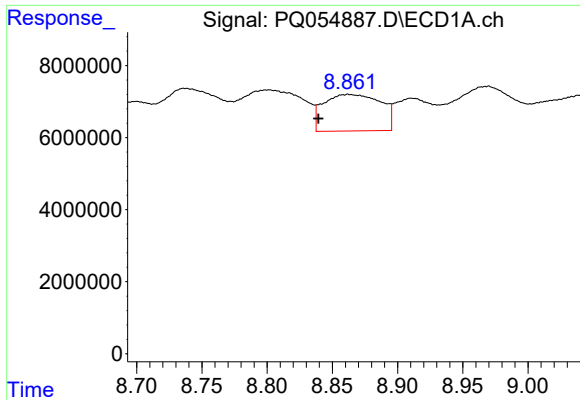
#32 AR-1260-2

R.T.: 8.449 min
Delta R.T.: -0.025 min
Response: 60441701
Conc: 51.37 ng/ml



#32 AR-1260-2

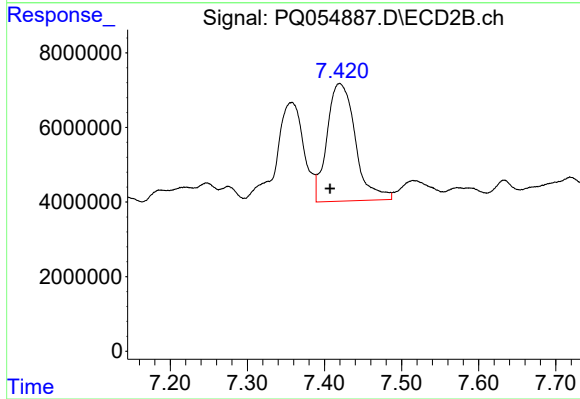
R.T.: 7.247 min
Delta R.T.: -0.005 min
Response: 10622696
Conc: 10.26 ng/ml



#33 AR-1260-3

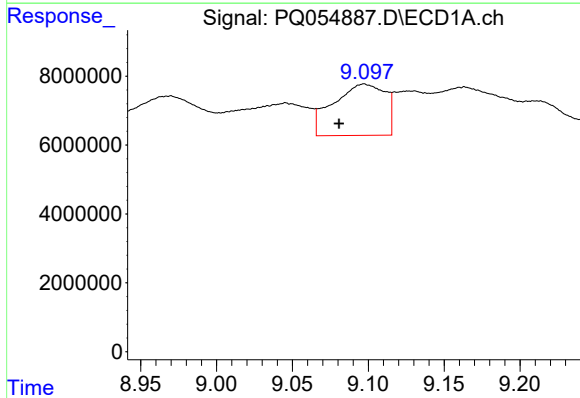
R.T.: 8.862 min
Delta R.T.: 0.023 min
Response: 30967265
Conc: 40.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



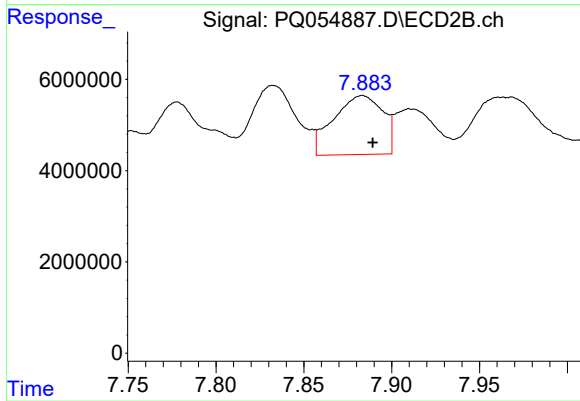
#33 AR-1260-3

R.T.: 7.420 min
Delta R.T.: 0.012 min
Response: 80646232
Conc: 91.21 ng/ml



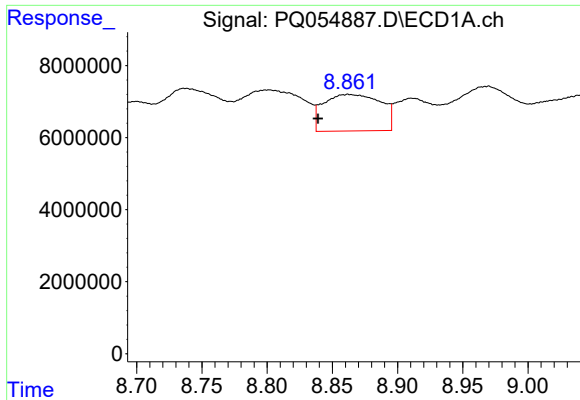
#34 AR-1260-4

R.T.: 9.097 min
Delta R.T.: 0.016 min
Response: 35516520
Conc: 38.02 ng/ml



#34 AR-1260-4

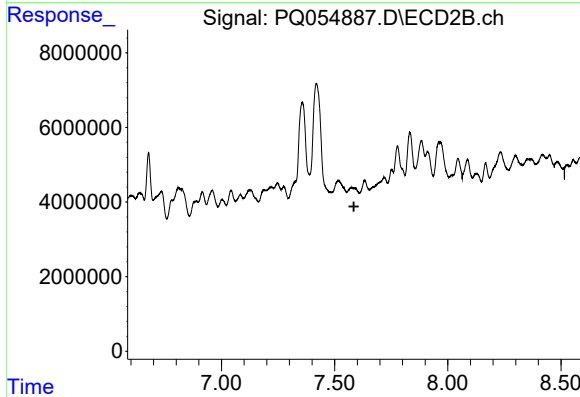
R.T.: 7.883 min
Delta R.T.: -0.006 min
Response: 25204702
Conc: 36.42 ng/ml



#36 AR-1262-1

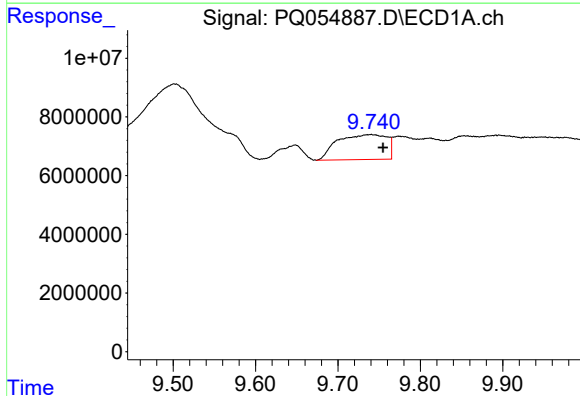
R.T.: 8.862 min
Delta R.T.: 0.023 min
Response: 30967265
Conc: 26.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



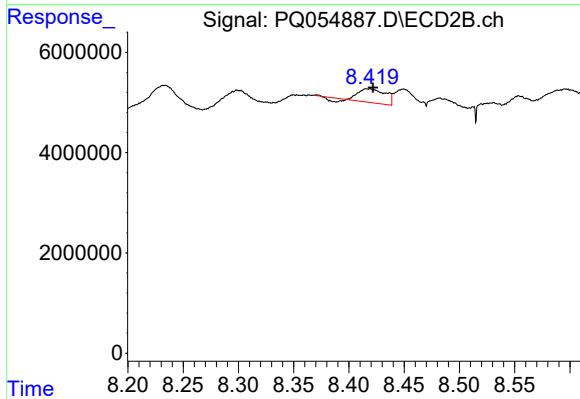
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.585 min
Response: 0
Conc: N.D.



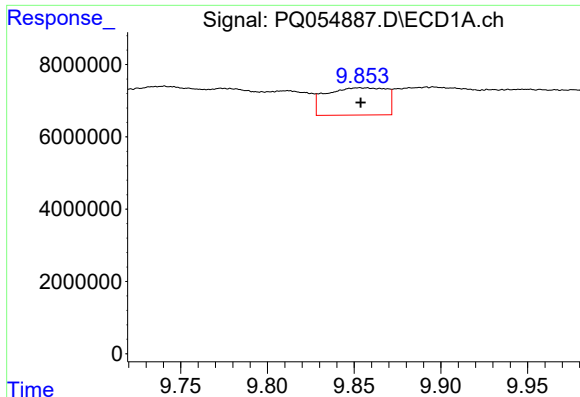
#38 AR-1262-3

R.T.: 9.740 min
Delta R.T.: -0.014 min
Response: 35479596
Conc: 39.83 ng/ml



#38 AR-1262-3

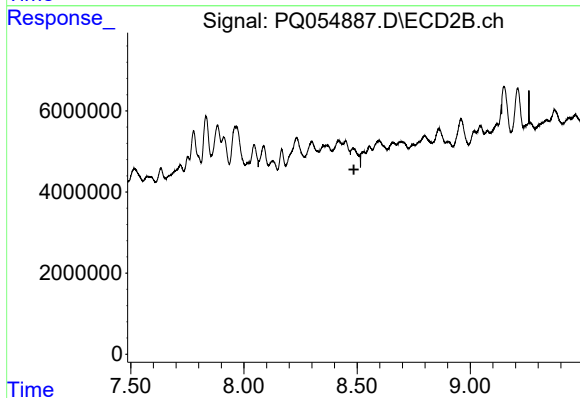
R.T.: 8.417 min
Delta R.T.: -0.004 min
Response: 4228194
Conc: 4.77 ng/ml



#39 AR-1262-4

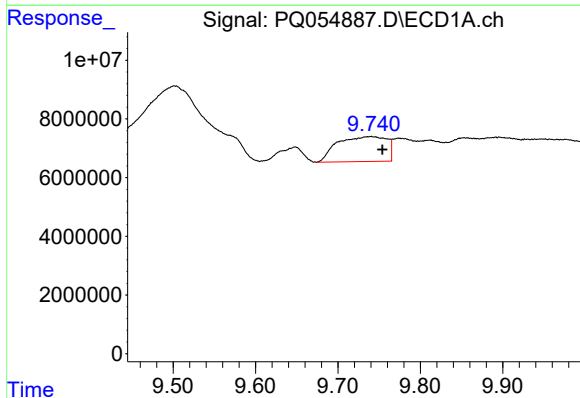
R.T.: 9.853 min
Delta R.T.: 0.000 min
Response: 18205498
Conc: 32.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



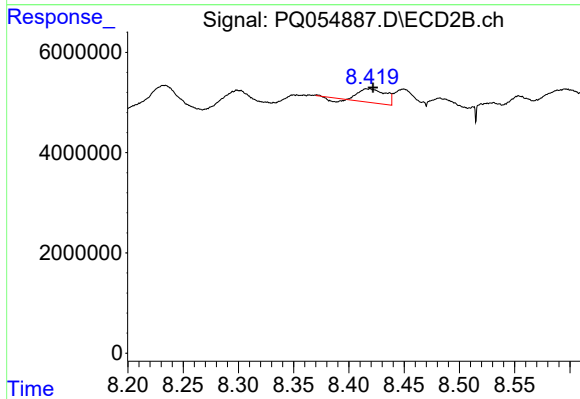
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.486 min
Response: 0
Conc: N.D.



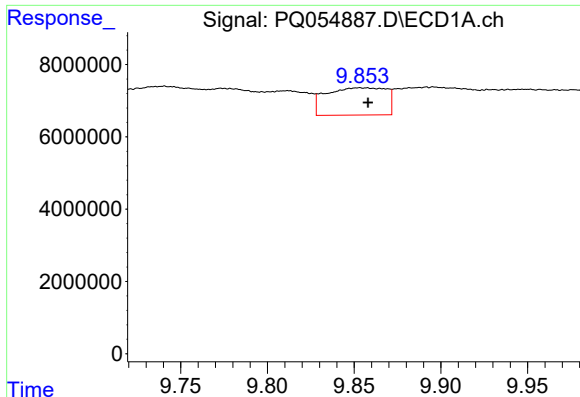
#41 AR-1268-1

R.T.: 9.740 min
Delta R.T.: -0.014 min
Response: 35479596
Conc: 14.15 ng/ml



#41 AR-1268-1

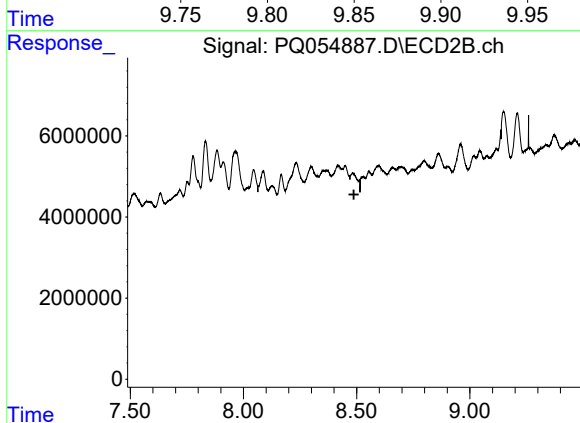
R.T.: 8.417 min
Delta R.T.: -0.004 min
Response: 4228194
Conc: 1.56 ng/ml



#42 AR-1268-2

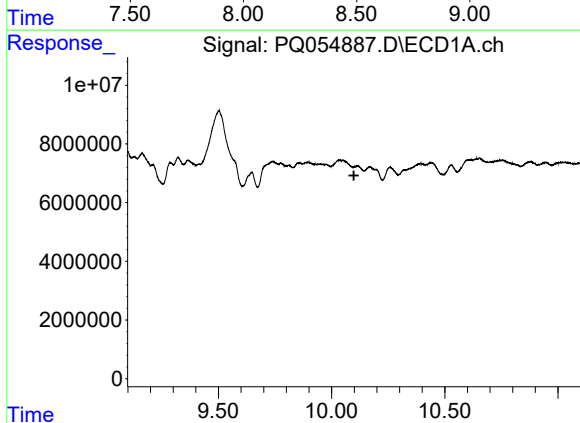
R.T.: 9.853 min
Delta R.T.: -0.005 min
Response: 18205498
Conc: 7.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



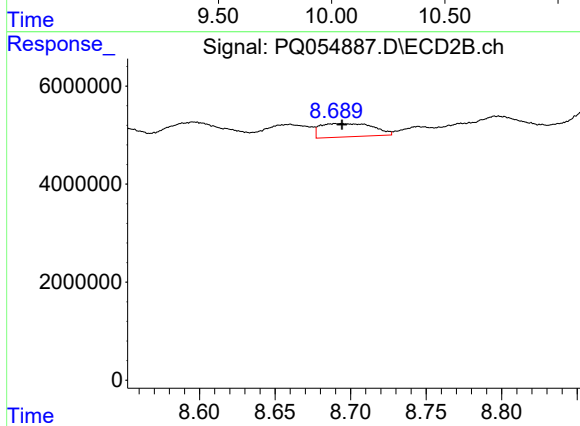
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.488 min
Response: 0
Conc: N.D.



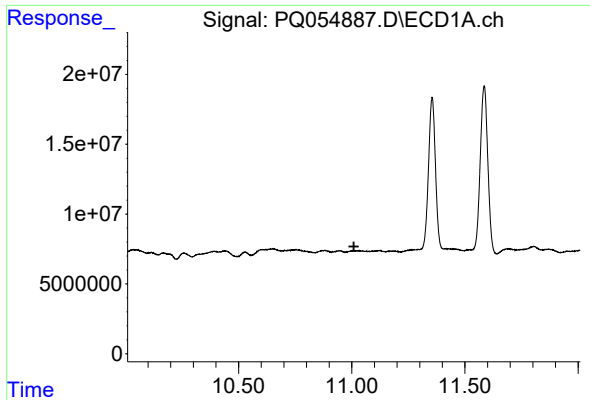
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 10.099 min
Response: 0
Conc: N.D.



#43 AR-1268-3

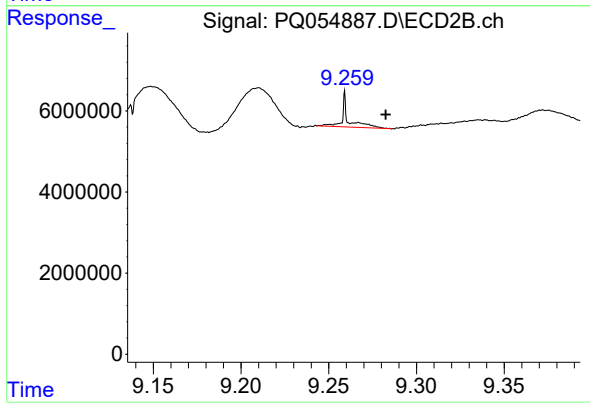
R.T.: 8.693 min
Delta R.T.: -0.001 min
Response: 6630809
Conc: 3.29 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.010 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.260 min
Delta R.T.: -0.023 min
Response: 2039693
Conc: 0.35 ng/ml