

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082219\
 Data File : PQ042712.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2019 06:47
 Operator : SM\AJ
 Sample : K4456-21
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETQ37

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 22 09:28:47 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 21 06:41:55 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	5.627	4.690	75787932	67117338	25.532	26.781
2)	SA Decachlor...	11.980	10.420	277.0E6	223.9E6	36.701	36.662
Target Compounds							
3)	L1 AR-1016-1	7.072	6.091	739570	112834	6.078	0.980 #
4)	L1 AR-1016-2	7.078	0.000	233285	0	1.268	N.D. #
5)	L1 AR-1016-3	7.168	0.000	48519	0	0.390	N.D. #
6)	L1 AR-1016-4	7.319	6.500	571487	2801567	6.467	38.798 #
7)	L1 AR-1016-5	7.605	6.659	820323	1647942	9.700	18.399 #
9)	L2 AR-1221-2	6.020	5.105	602070	1505660	24.712	62.565 #
10)	L2 AR-1221-3	6.127	5.215	123048	608234	1.433	7.364 #
11)	L3 AR-1232-1	6.127	5.215	123048	608234	1.774	9.029 #
13)	L3 AR-1232-3	7.078	0.000	233285	0	2.791	N.D. #
14)	L3 AR-1232-4	7.319	6.500	571487	2801567	14.016	70.422 #
15)	L3 AR-1232-5	7.387	6.659	1801868	1647942	73.669	41.557 #
16)	L4 AR-1242-1	7.072	6.091	739570	112834	7.087	1.092 #
17)	L4 AR-1242-2	7.078	0.000	233285	0	1.532	N.D. #
18)	L4 AR-1242-3	7.168	0.000	48519	0	0.476	N.D. #
19)	L4 AR-1242-4	7.319	6.500	571487	2801567	7.431	36.586 #
20)	L4 AR-1242-5	8.117	7.090	4104987	2583720	43.506	23.049 #
21)	L5 AR-1248-1	7.072	6.091	739570	112834	8.870	1.373 #
22)	L5 AR-1248-2	7.387	6.500	1801868	2801567	17.643	25.431 #
23)	L5 AR-1248-3	7.605	6.500	820323	2801567	6.464	24.860 #
24)	L5 AR-1248-4	8.065	6.659	28430954	1647942	171.505	12.063 #
25)	L5 AR-1248-5	8.117	7.139	4104987	1006477	25.784	6.393 #
26)	L6 AR-1254-1	8.008	7.090	1502319	2583720	10.239	11.450
27)	L6 AR-1254-2	8.271	7.287	43075904	33218531	179.577	164.281
28)	L6 AR-1254-3	8.678	7.726	53447479	44780754	187.475	127.166 #
29)	L6 AR-1254-4	8.964	7.953	10073386	6145378	42.248	23.948 #
30)	L6 AR-1254-5	9.407	8.398	14252139	23553721	55.198	64.820
31)	L7 AR-1260-1	8.833	7.845	8234396	16638924	46.708	81.552 #
32)	L7 AR-1260-2	9.103	8.053	102.0E6	12058301	424.428	45.014 #
33)	L7 AR-1260-3	9.482	8.212	3438163	2929857	15.902	12.292
34)	L7 AR-1260-4	9.718	8.712	13715747	5676006	56.484	25.036 #
35)	L7 AR-1260-5	10.065	8.963	24305117	12664103	40.941	20.335 #
36)	L8 AR-1262-1	9.578	8.498	24399947	3562464	169.283	20.811 #
37)	L8 AR-1262-2	10.065	8.963	24305117	12664103	32.304	15.159 #
38)	L8 AR-1262-3	10.416	9.255	15841073	14003498	29.455	39.398 #
39)	L8 AR-1262-4	10.499	9.324	8582916	13590409	19.743	21.077
40)	L8 AR-1262-5	11.189	9.816	9488095	34086183	27.662	107.752 #
41)	L9 AR-1268-1	10.416	9.255	15841073	14003498	16.568	13.949
42)	L9 AR-1268-2	10.499	9.324	8582916	13590409	9.215	14.473 #
43)	L9 AR-1268-3	0.000	9.537	0	36404562	N.D.	45.705 #
44)	L9 AR-1268-4	11.189	9.816	9488095	34086183	25.571	99.598 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082219\
Data File : PQ042712.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2019 06:47
Operator : SM\AJ
Sample : K4456-21
Misc :
ALS Vial : 44 Sample Multiplier: 1

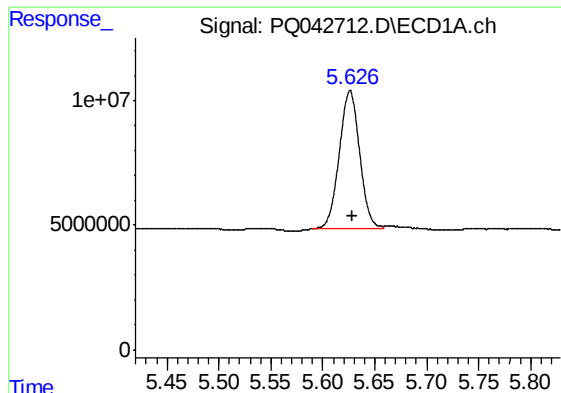
Instrument :
ECD_Q
ClientSampleId :
ETQ37

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 22 09:28:47 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 21 06:41:55 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	11.626	10.148	5131707	5910629	1.813	2.306 #

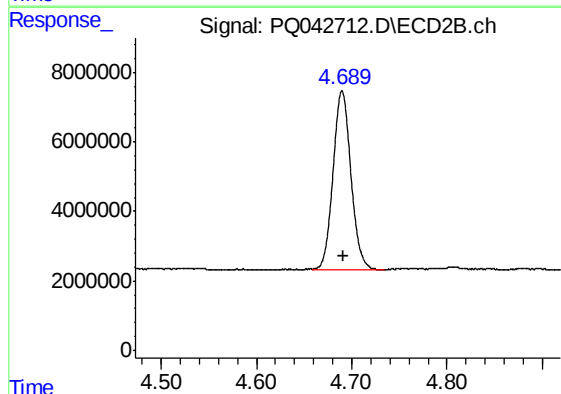
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

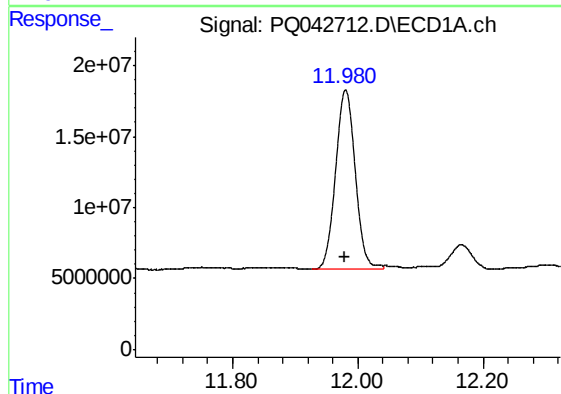
R.T.: 5.627 min
Delta R.T.: -0.002 min
Response: 75787932
Conc: 25.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ37



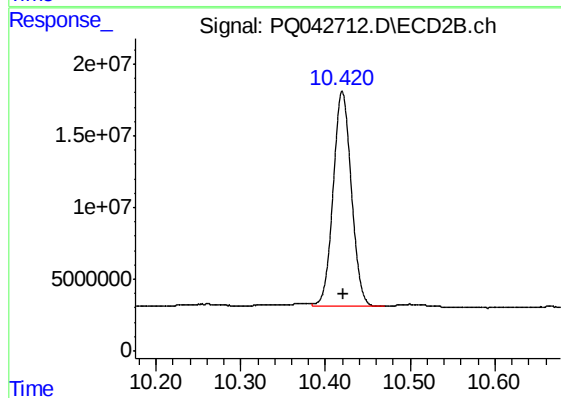
#1 Tetrachloro-m-xylene

R.T.: 4.690 min
Delta R.T.: -0.002 min
Response: 67117338
Conc: 26.78 ng/ml



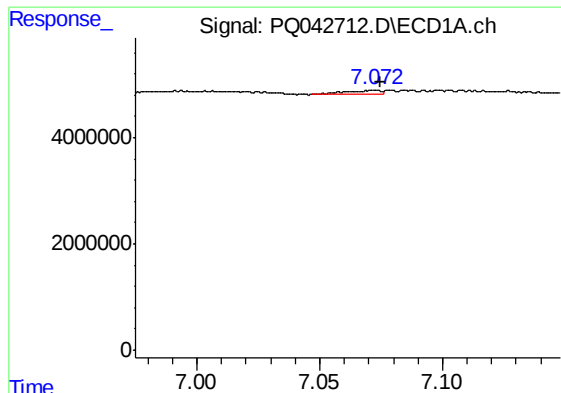
#2 Decachlorobiphenyl

R.T.: 11.980 min
Delta R.T.: 0.002 min
Response: 277042447
Conc: 36.70 ng/ml



#2 Decachlorobiphenyl

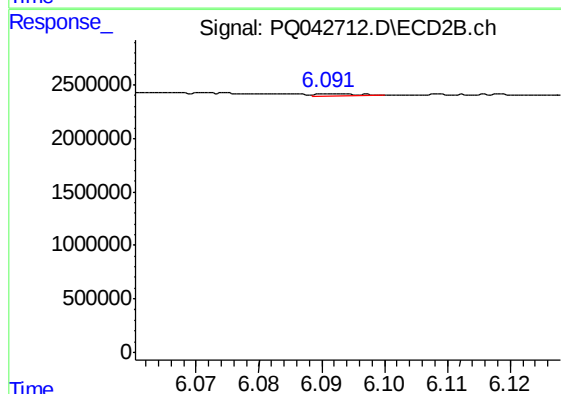
R.T.: 10.420 min
Delta R.T.: -0.002 min
Response: 223875917
Conc: 36.66 ng/ml



#3 AR-1016-1

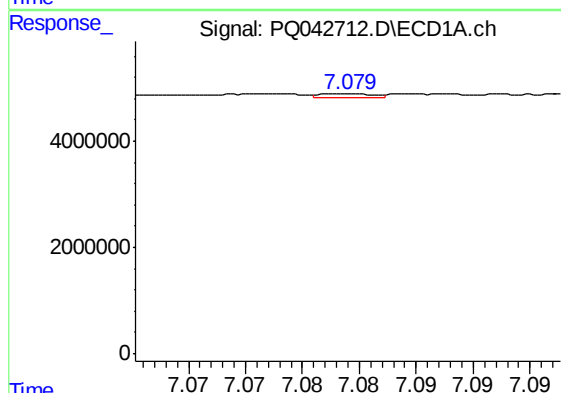
R.T.: 7.072 min
Delta R.T.: -0.002 min
Response: 739570
Conc: 6.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ37



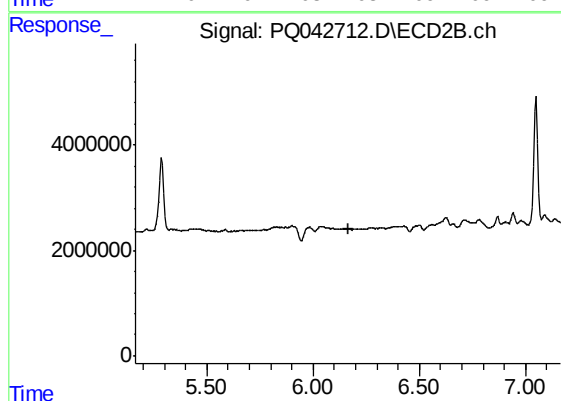
#3 AR-1016-1

R.T.: 6.091 min
Delta R.T.: -0.051 min
Response: 112834
Conc: 0.98 ng/ml



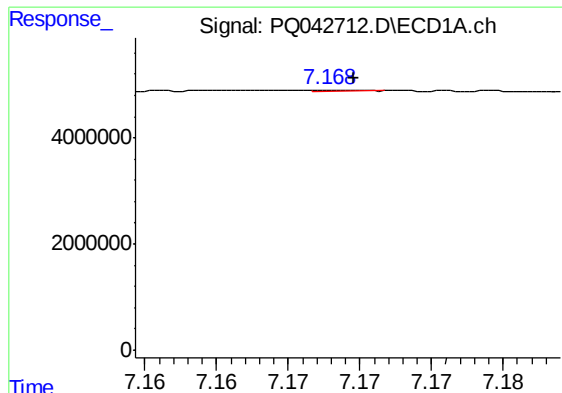
#4 AR-1016-2

R.T.: 7.078 min
Delta R.T.: -0.022 min
Response: 233285
Conc: 1.27 ng/ml



#4 AR-1016-2

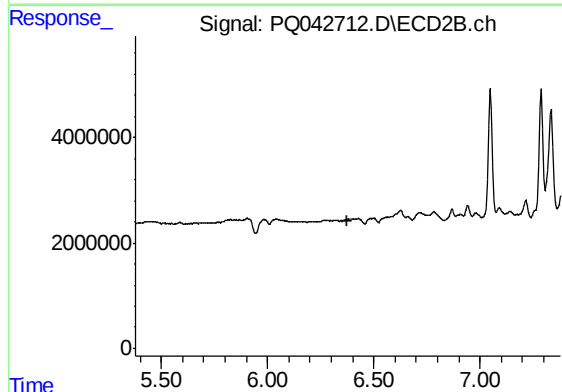
R.T.: 0.000 min
Exp R.T. : 6.164 min
Response: 0
Conc: N.D.



#5 AR-1016-3

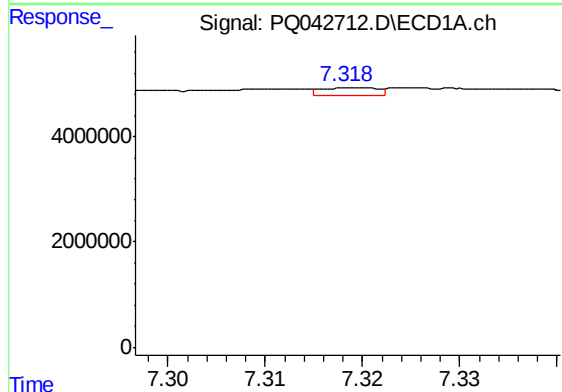
R.T.: 7.168 min
Delta R.T.: -0.001 min
Response: 48519
Conc: 0.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ37



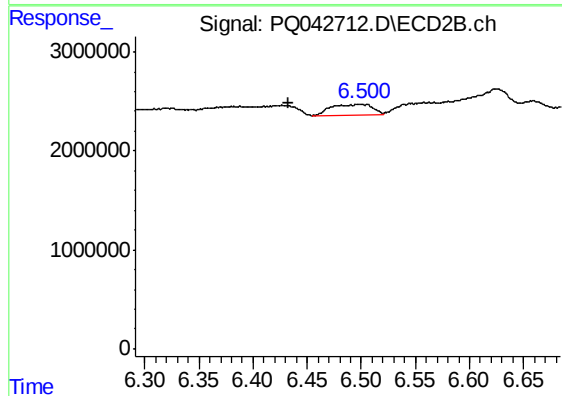
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 6.378 min
Response: 0
Conc: N.D.



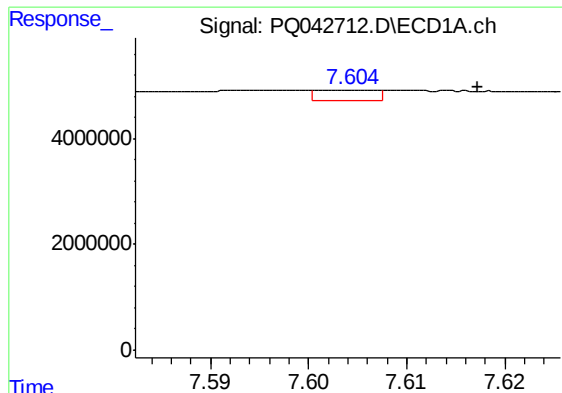
#6 AR-1016-4

R.T.: 7.319 min
Delta R.T.: 0.035 min
Response: 571487
Conc: 6.47 ng/ml



#6 AR-1016-4

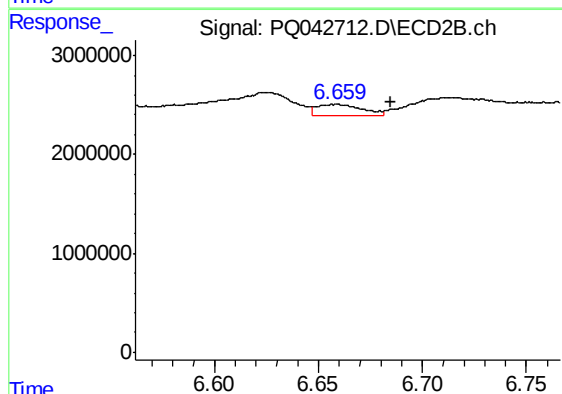
R.T.: 6.500 min
Delta R.T.: 0.067 min
Response: 2801567
Conc: 38.80 ng/ml



#7 AR-1016-5

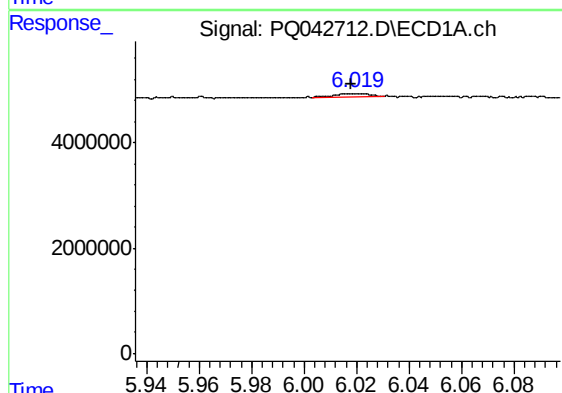
R.T.: 7.605 min
Delta R.T.: -0.013 min
Response: 820323
Conc: 9.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ37



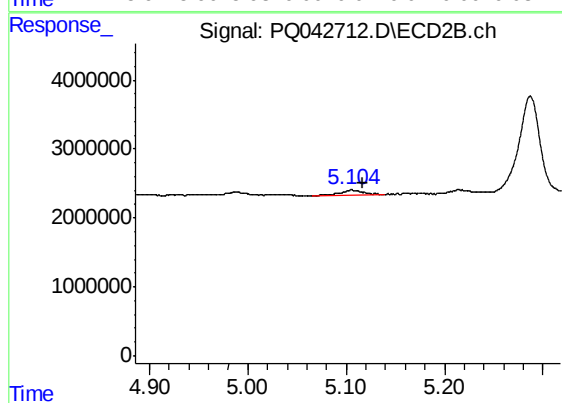
#7 AR-1016-5

R.T.: 6.659 min
Delta R.T.: -0.026 min
Response: 1647942
Conc: 18.40 ng/ml



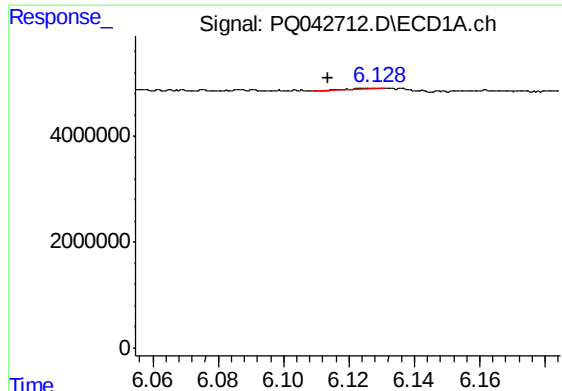
#9 AR-1221-2

R.T.: 6.020 min
Delta R.T.: 0.002 min
Response: 602070
Conc: 24.71 ng/ml



#9 AR-1221-2

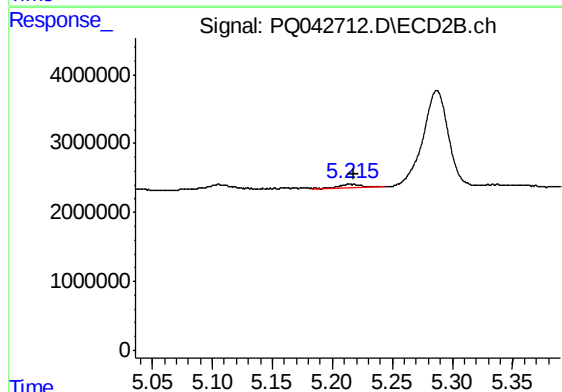
R.T.: 5.105 min
Delta R.T.: -0.011 min
Response: 1505660
Conc: 62.57 ng/ml



#10 AR-1221-3

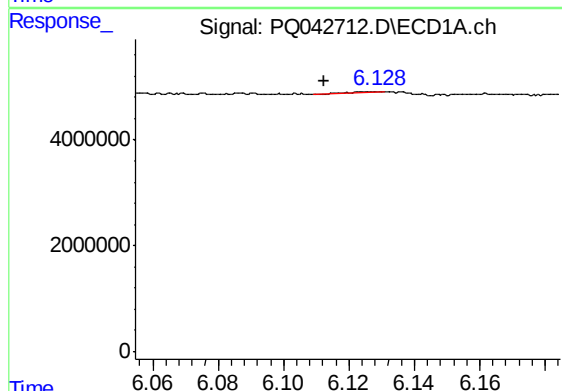
R.T.: 6.127 min
Delta R.T.: 0.013 min
Response: 123048
Conc: 1.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ37



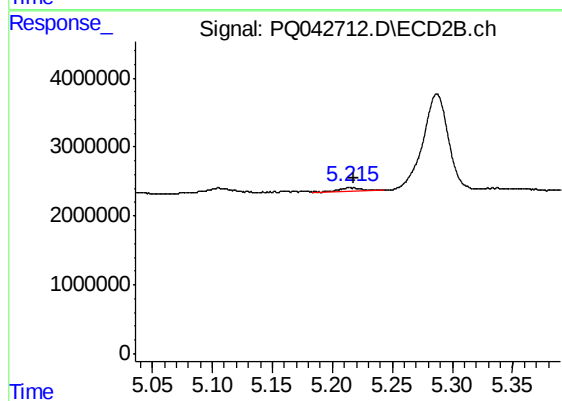
#10 AR-1221-3

R.T.: 5.215 min
Delta R.T.: -0.003 min
Response: 608234
Conc: 7.36 ng/ml



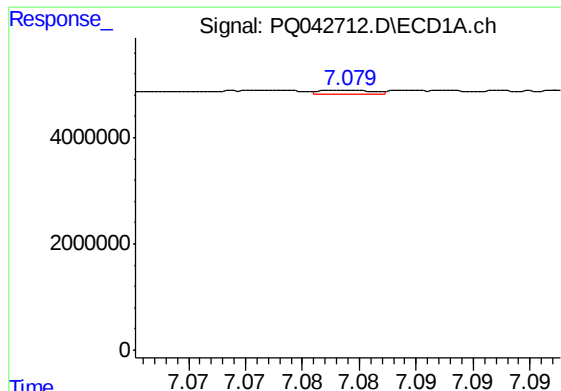
#11 AR-1232-1

R.T.: 6.127 min
Delta R.T.: 0.014 min
Response: 123048
Conc: 1.77 ng/ml



#11 AR-1232-1

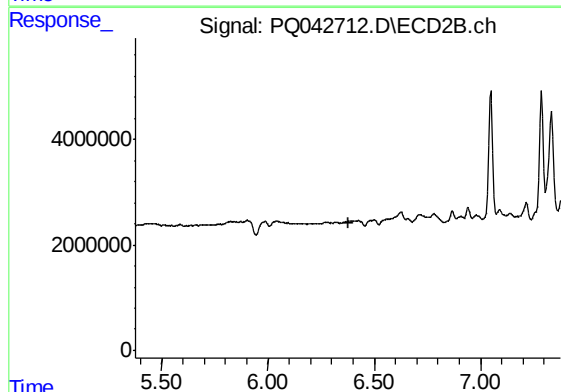
R.T.: 5.215 min
Delta R.T.: -0.003 min
Response: 608234
Conc: 9.03 ng/ml



#13 AR-1232-3

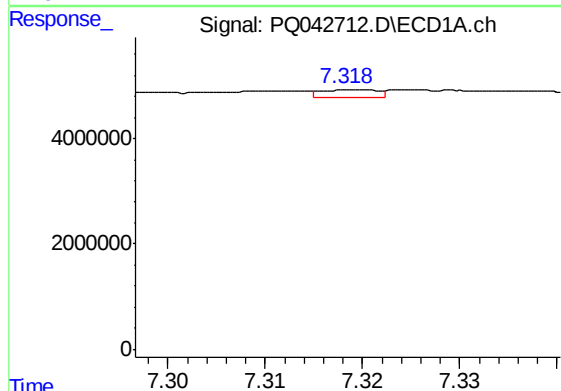
R.T.: 7.078 min
Delta R.T.: -0.021 min
Response: 233285
Conc: 2.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ37



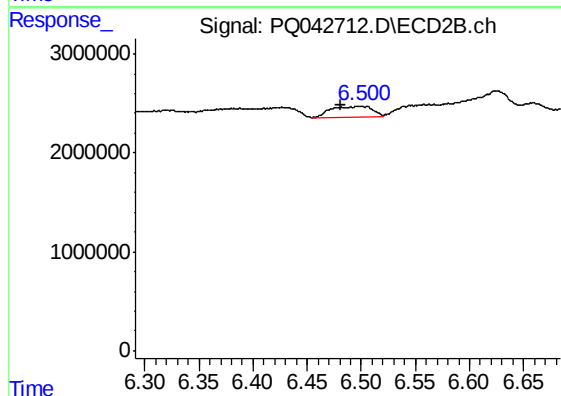
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 6.377 min
Response: 0
Conc: N.D.



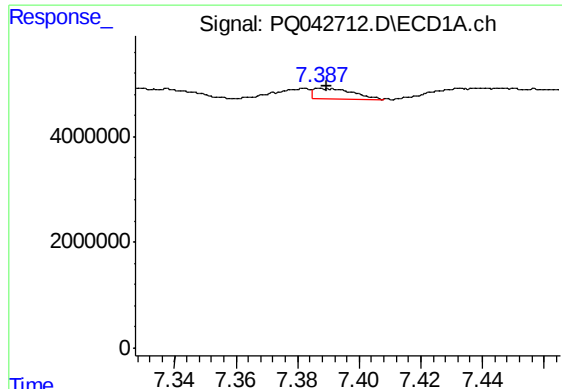
#14 AR-1232-4

R.T.: 7.319 min
Delta R.T.: 0.037 min
Response: 571487
Conc: 14.02 ng/ml



#14 AR-1232-4

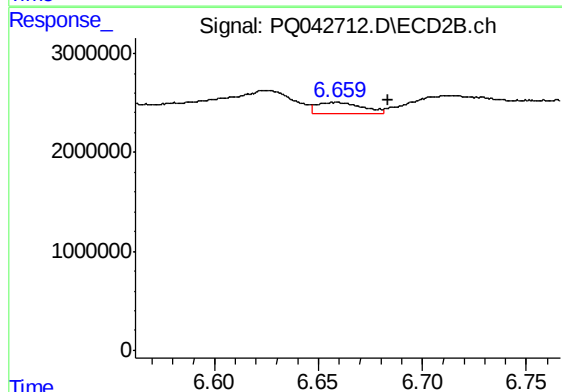
R.T.: 6.500 min
Delta R.T.: 0.019 min
Response: 2801567
Conc: 70.42 ng/ml



#15 AR-1232-5

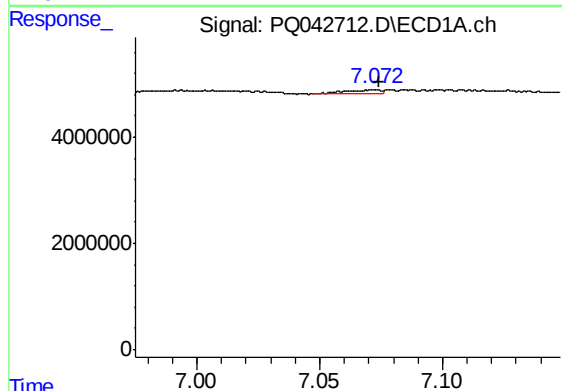
R.T.: 7.387 min
Delta R.T.: -0.002 min
Response: 1801868
Conc: 73.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ37



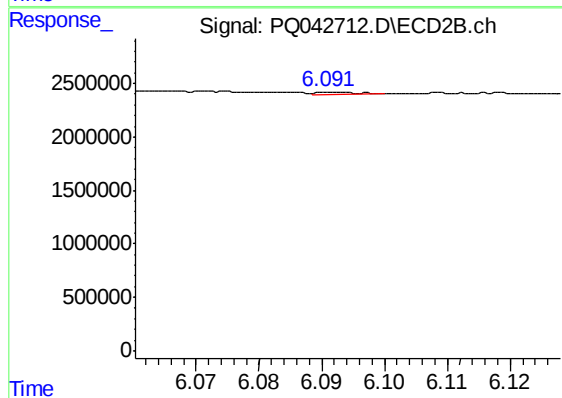
#15 AR-1232-5

R.T.: 6.659 min
Delta R.T.: -0.024 min
Response: 1647942
Conc: 41.56 ng/ml



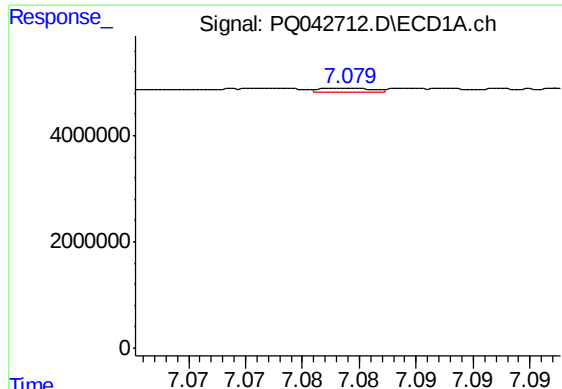
#16 AR-1242-1

R.T.: 7.072 min
Delta R.T.: -0.002 min
Response: 739570
Conc: 7.09 ng/ml



#16 AR-1242-1

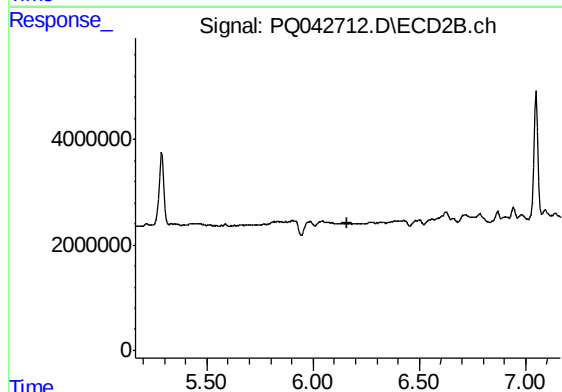
R.T.: 6.091 min
Delta R.T.: -0.050 min
Response: 112834
Conc: 1.09 ng/ml



#17 AR-1242-2

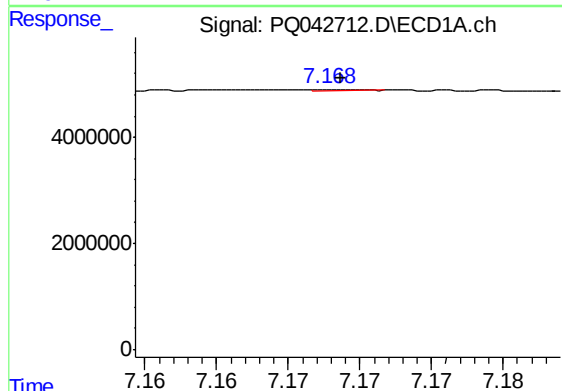
R.T.: 7.078 min
Delta R.T.: -0.022 min
Response: 233285
Conc: 1.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ37



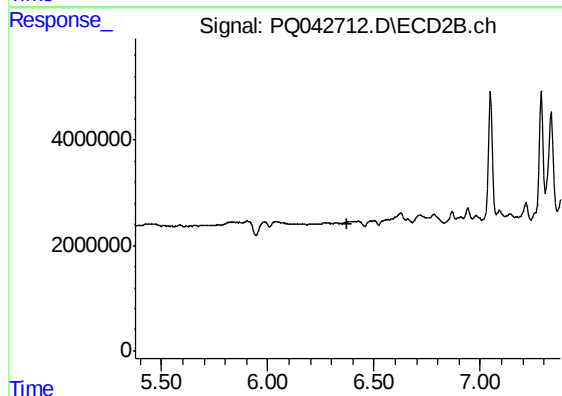
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 6.163 min
Response: 0
Conc: N.D.



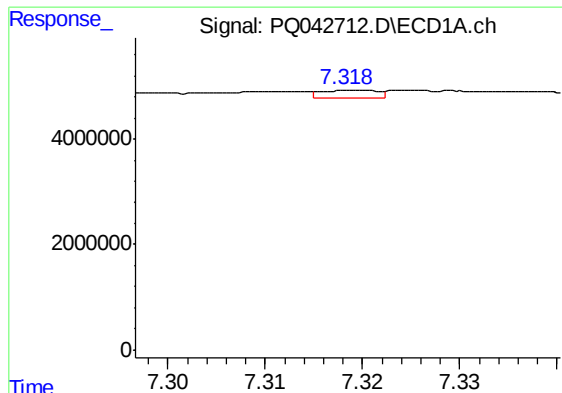
#18 AR-1242-3

R.T.: 7.168 min
Delta R.T.: 0.000 min
Response: 48519
Conc: 0.48 ng/ml



#18 AR-1242-3

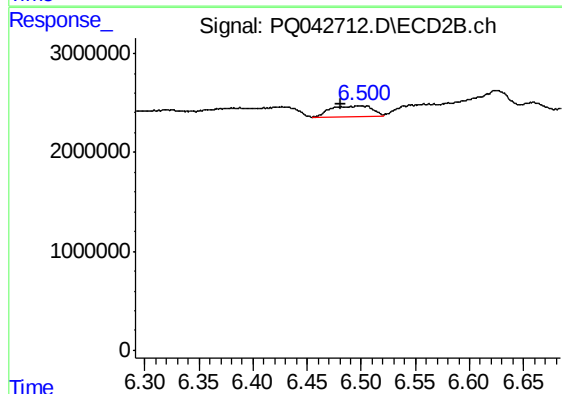
R.T.: 0.000 min
Exp R.T. : 6.377 min
Response: 0
Conc: N.D.



#19 AR-1242-4

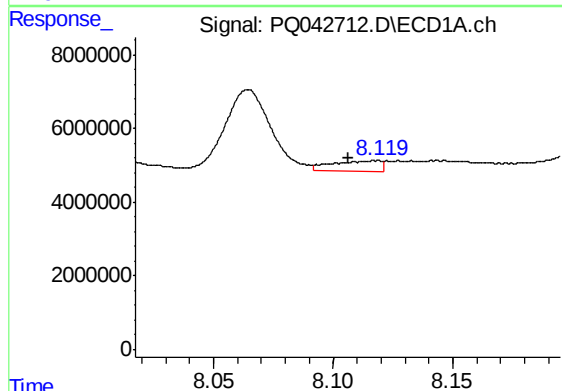
R.T.: 7.319 min
Delta R.T.: 0.035 min
Response: 571487
Conc: 7.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ37



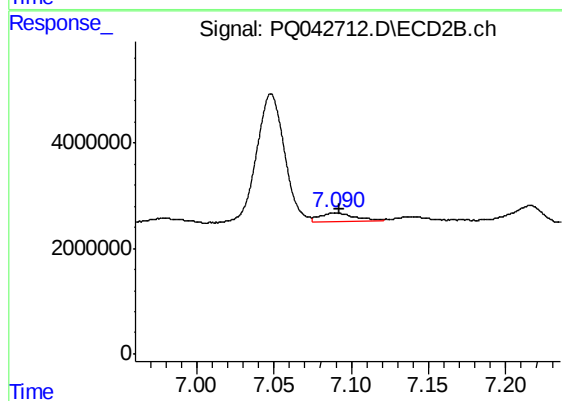
#19 AR-1242-4

R.T.: 6.500 min
Delta R.T.: 0.020 min
Response: 2801567
Conc: 36.59 ng/ml



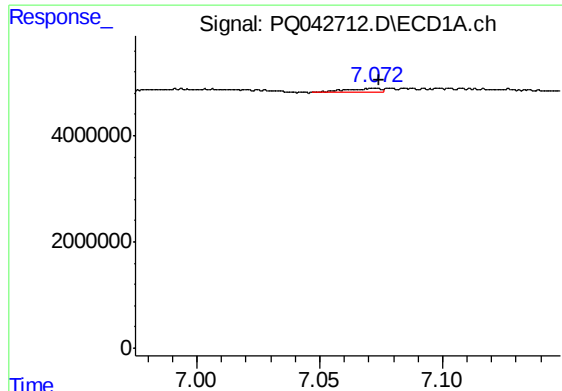
#20 AR-1242-5

R.T.: 8.117 min
Delta R.T.: 0.011 min
Response: 4104987
Conc: 43.51 ng/ml



#20 AR-1242-5

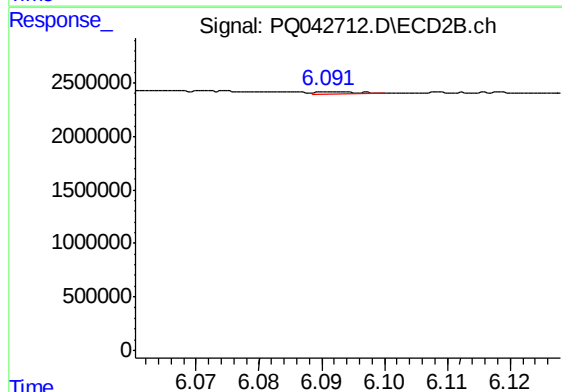
R.T.: 7.090 min
Delta R.T.: -0.002 min
Response: 2583720
Conc: 23.05 ng/ml



#21 AR-1248-1

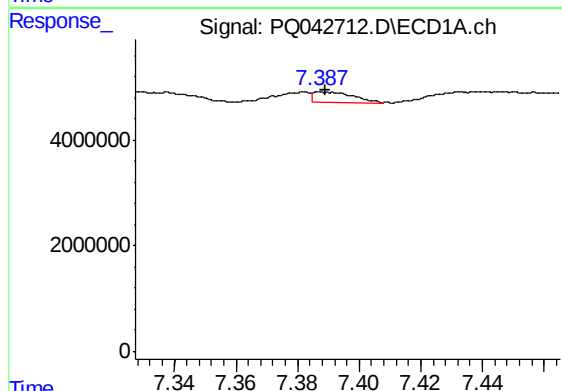
R.T.: 7.072 min
Delta R.T.: -0.002 min
Response: 739570
Conc: 8.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ37



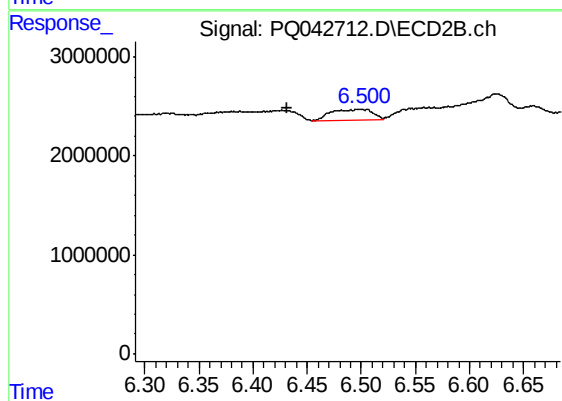
#21 AR-1248-1

R.T.: 6.091 min
Delta R.T.: -0.049 min
Response: 112834
Conc: 1.37 ng/ml



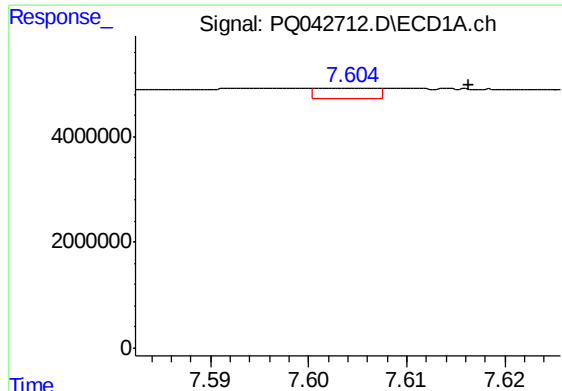
#22 AR-1248-2

R.T.: 7.387 min
Delta R.T.: -0.002 min
Response: 1801868
Conc: 17.64 ng/ml



#22 AR-1248-2

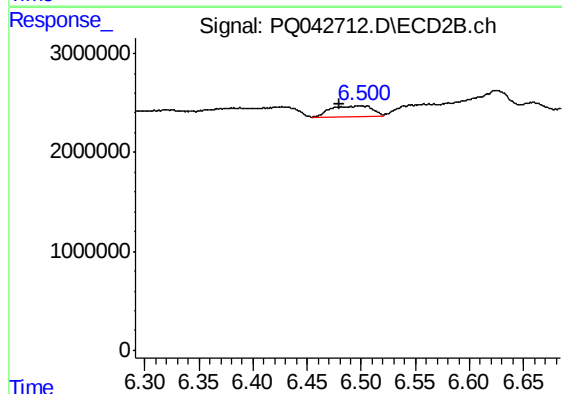
R.T.: 6.500 min
Delta R.T.: 0.068 min
Response: 2801567
Conc: 25.43 ng/ml



#23 AR-1248-3

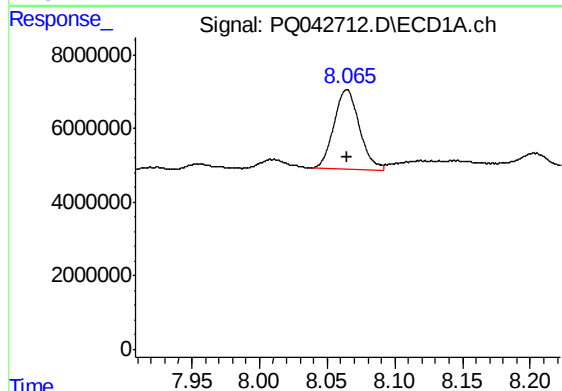
R.T.: 7.605 min
Delta R.T.: -0.012 min
Response: 820323
Conc: 6.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ37



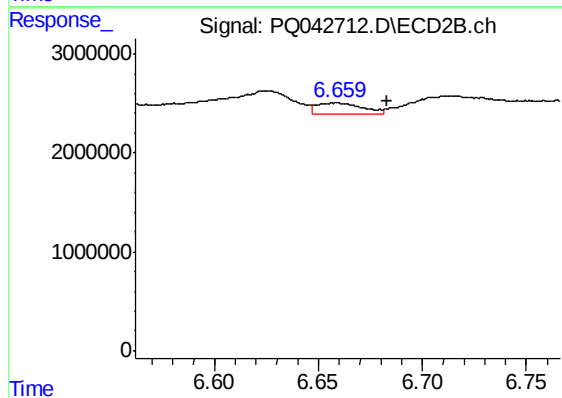
#23 AR-1248-3

R.T.: 6.500 min
Delta R.T.: 0.021 min
Response: 2801567
Conc: 24.86 ng/ml



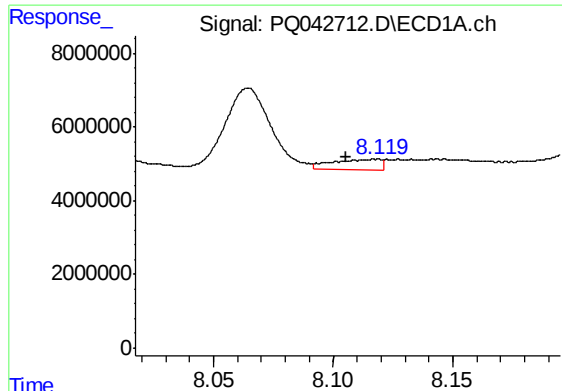
#24 AR-1248-4

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 28430954
Conc: 171.50 ng/ml



#24 AR-1248-4

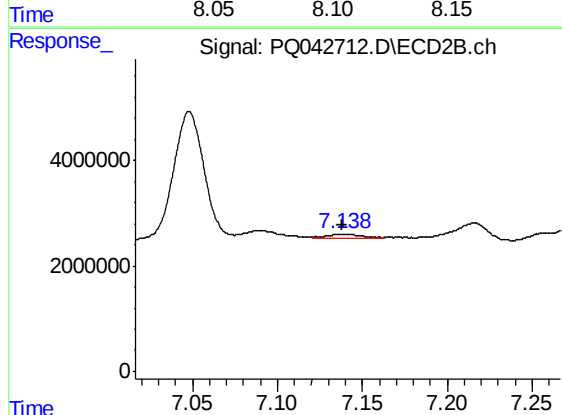
R.T.: 6.659 min
Delta R.T.: -0.024 min
Response: 1647942
Conc: 12.06 ng/ml



#25 AR-1248-5

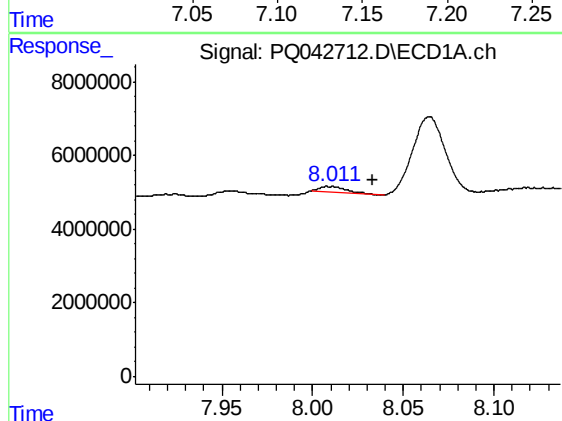
R.T.: 8.117 min
Delta R.T.: 0.011 min
Response: 4104987
Conc: 25.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ37



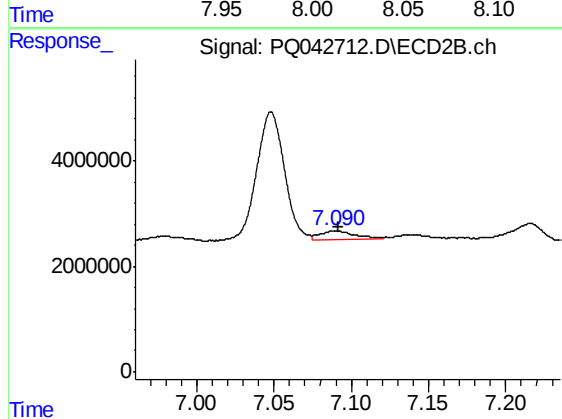
#25 AR-1248-5

R.T.: 7.139 min
Delta R.T.: 0.001 min
Response: 1006477
Conc: 6.39 ng/ml



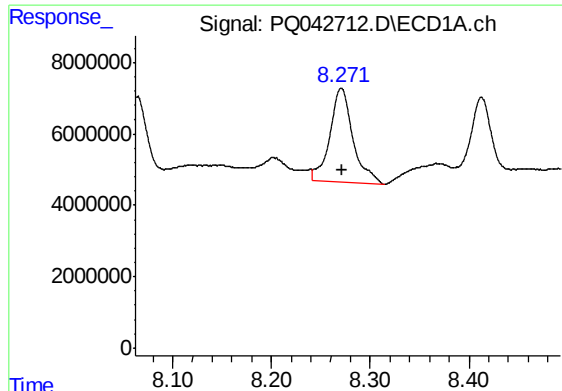
#26 AR-1254-1

R.T.: 8.008 min
Delta R.T.: -0.025 min
Response: 1502319
Conc: 10.24 ng/ml



#26 AR-1254-1

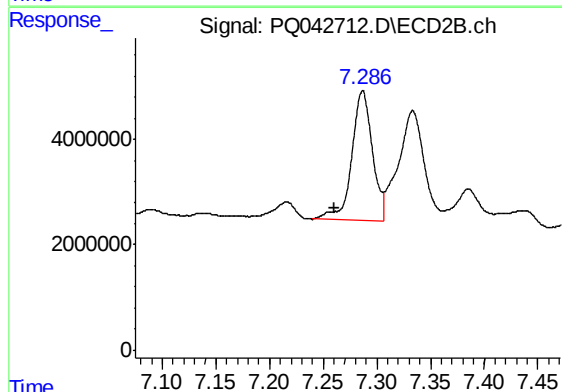
R.T.: 7.090 min
Delta R.T.: -0.001 min
Response: 2583720
Conc: 11.45 ng/ml



#27 AR-1254-2

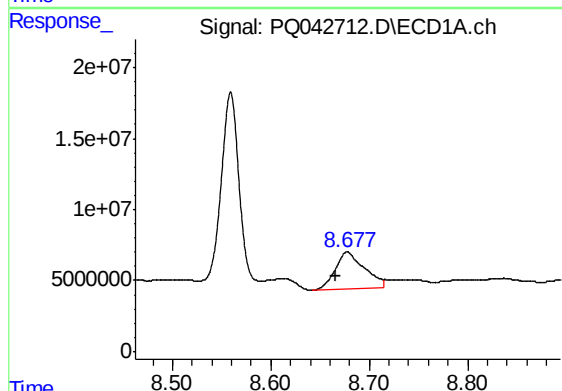
R.T.: 8.271 min
Delta R.T.: -0.001 min
Response: 43075904
Conc: 179.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ37



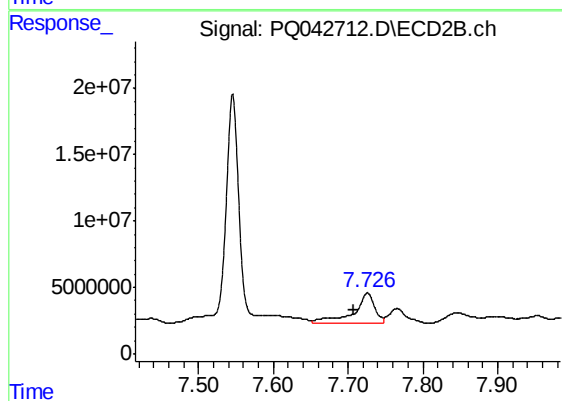
#27 AR-1254-2

R.T.: 7.287 min
Delta R.T.: 0.027 min
Response: 33218531
Conc: 164.28 ng/ml



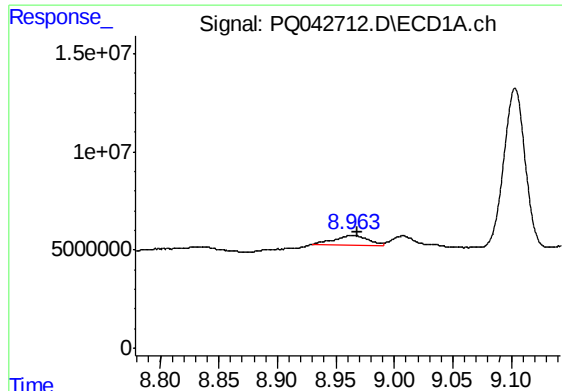
#28 AR-1254-3

R.T.: 8.678 min
Delta R.T.: 0.012 min
Response: 53447479
Conc: 187.48 ng/ml



#28 AR-1254-3

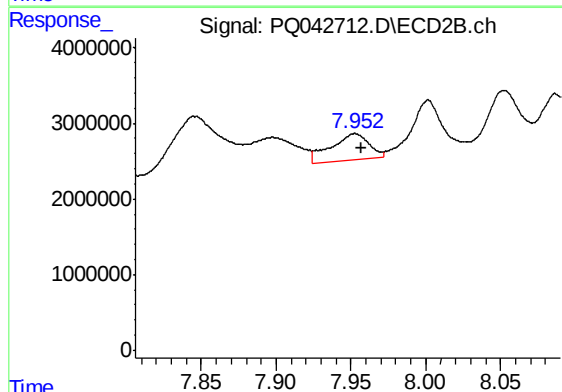
R.T.: 7.726 min
Delta R.T.: 0.019 min
Response: 44780754
Conc: 127.17 ng/ml



#29 AR-1254-4

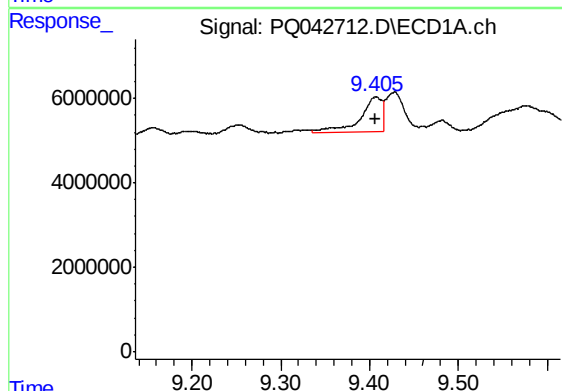
R.T.: 8.964 min
Delta R.T.: -0.005 min
Response: 10073386
Conc: 42.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ37



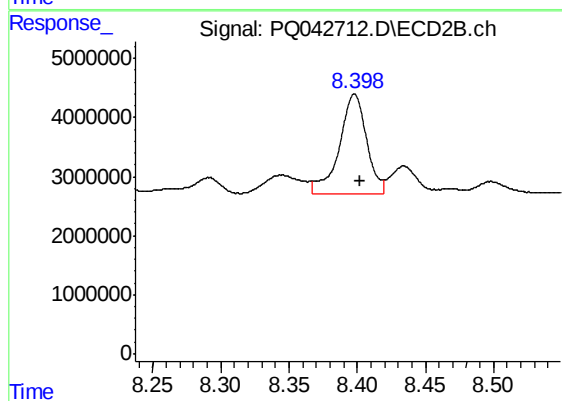
#29 AR-1254-4

R.T.: 7.953 min
Delta R.T.: -0.004 min
Response: 6145378
Conc: 23.95 ng/ml



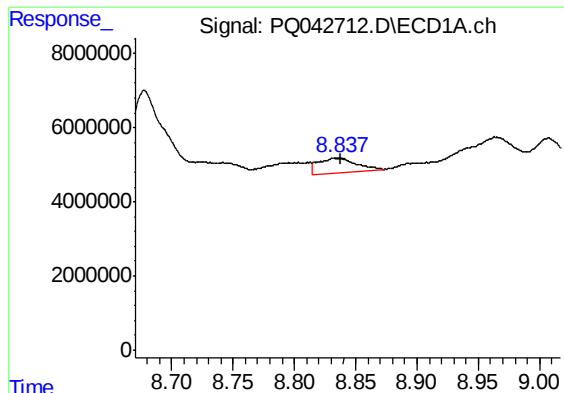
#30 AR-1254-5

R.T.: 9.407 min
Delta R.T.: 0.000 min
Response: 14252139
Conc: 55.20 ng/ml



#30 AR-1254-5

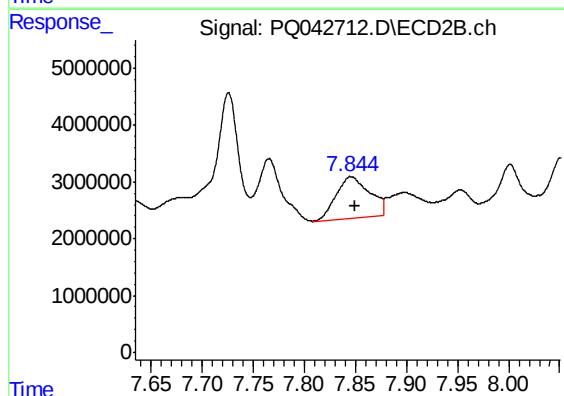
R.T.: 8.398 min
Delta R.T.: -0.004 min
Response: 23553721
Conc: 64.82 ng/ml



#31 AR-1260-1

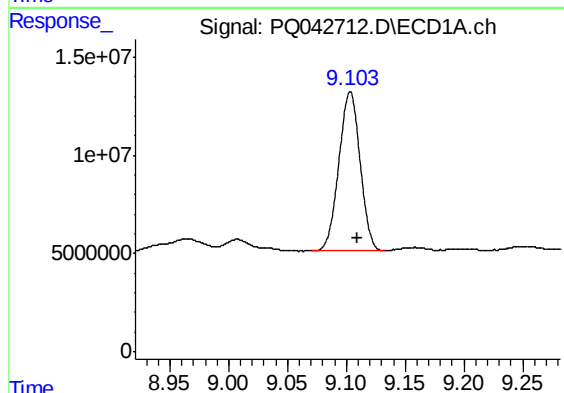
R.T.: 8.833 min
Delta R.T.: -0.005 min
Response: 8234396
Conc: 46.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ37



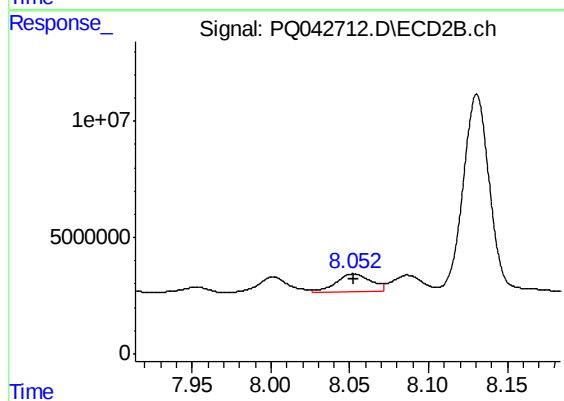
#31 AR-1260-1

R.T.: 7.845 min
Delta R.T.: -0.005 min
Response: 16638924
Conc: 81.55 ng/ml



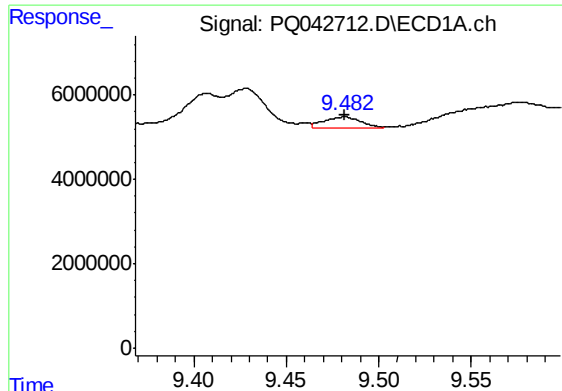
#32 AR-1260-2

R.T.: 9.103 min
Delta R.T.: -0.006 min
Response: 102015299
Conc: 424.43 ng/ml



#32 AR-1260-2

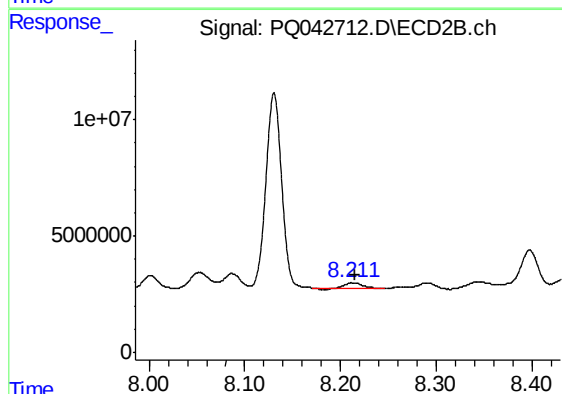
R.T.: 8.053 min
Delta R.T.: 0.000 min
Response: 12058301
Conc: 45.01 ng/ml



#33 AR-1260-3

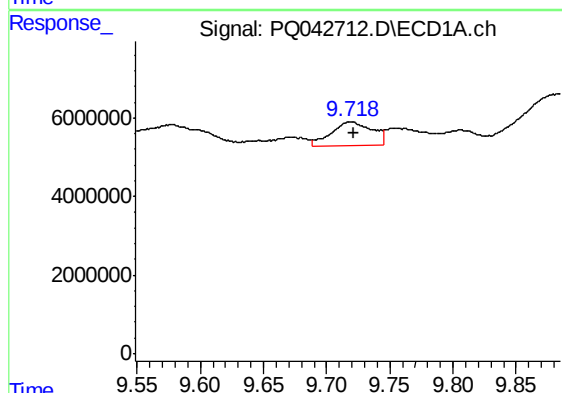
R.T.: 9.482 min
Delta R.T.: 0.000 min
Response: 3438163
Conc: 15.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ37



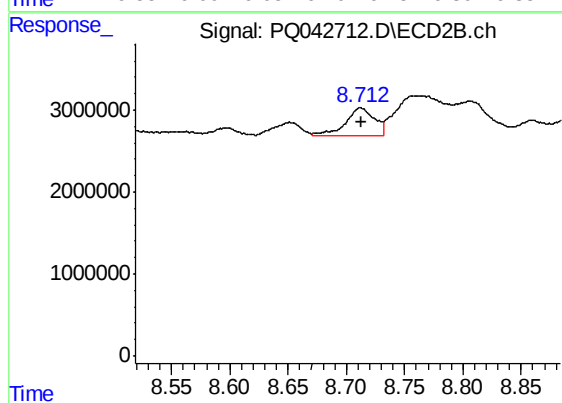
#33 AR-1260-3

R.T.: 8.212 min
Delta R.T.: -0.003 min
Response: 2929857
Conc: 12.29 ng/ml



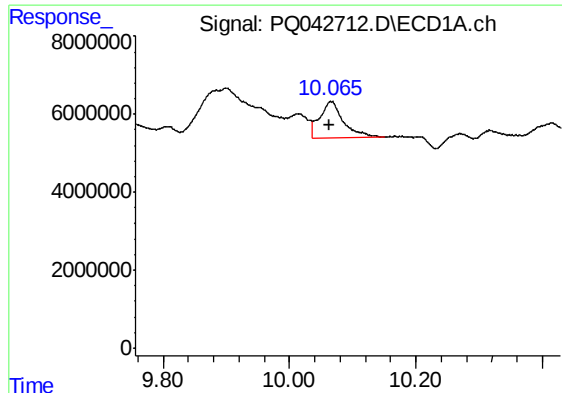
#34 AR-1260-4

R.T.: 9.718 min
Delta R.T.: -0.003 min
Response: 13715747
Conc: 56.48 ng/ml



#34 AR-1260-4

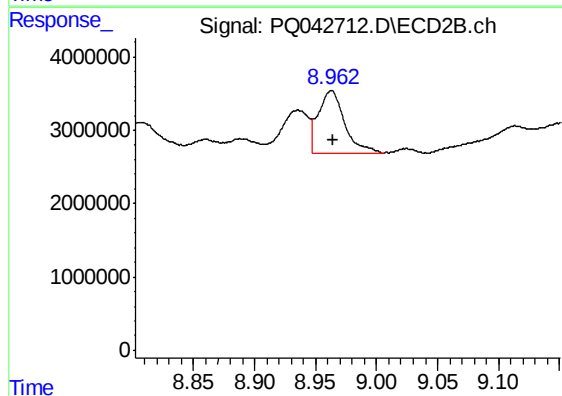
R.T.: 8.712 min
Delta R.T.: 0.000 min
Response: 5676006
Conc: 25.04 ng/ml



#35 AR-1260-5

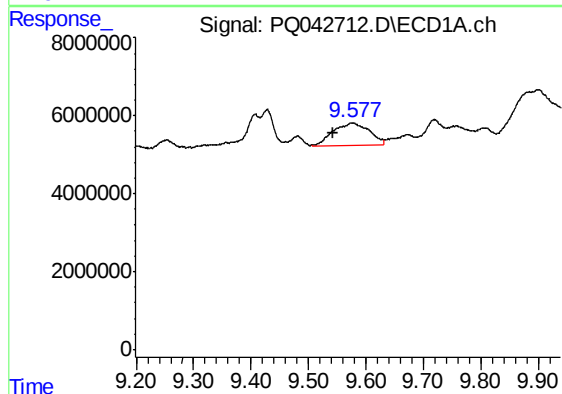
R.T.: 10.065 min
Delta R.T.: 0.002 min
Response: 24305117
Conc: 40.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ37



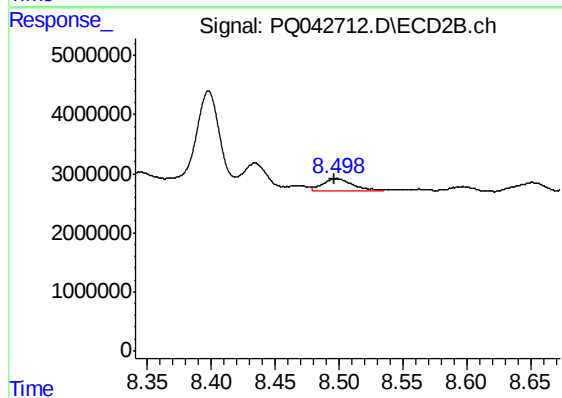
#35 AR-1260-5

R.T.: 8.963 min
Delta R.T.: -0.002 min
Response: 12664103
Conc: 20.33 ng/ml



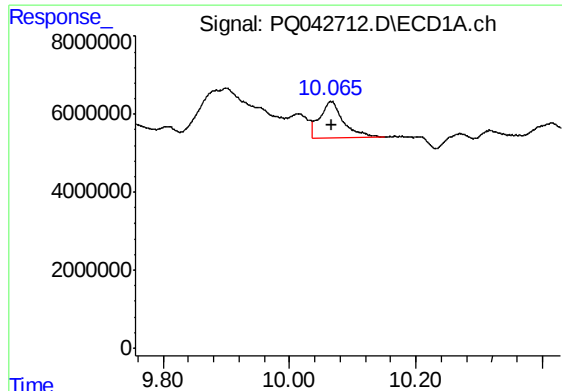
#36 AR-1262-1

R.T.: 9.578 min
Delta R.T.: 0.034 min
Response: 24399947
Conc: 169.28 ng/ml



#36 AR-1262-1

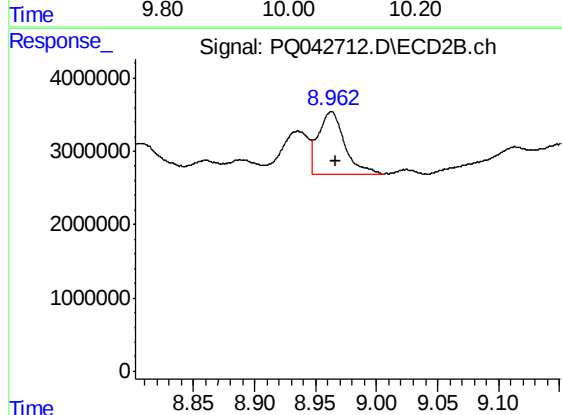
R.T.: 8.498 min
Delta R.T.: 0.002 min
Response: 3562464
Conc: 20.81 ng/ml



#37 AR-1262-2

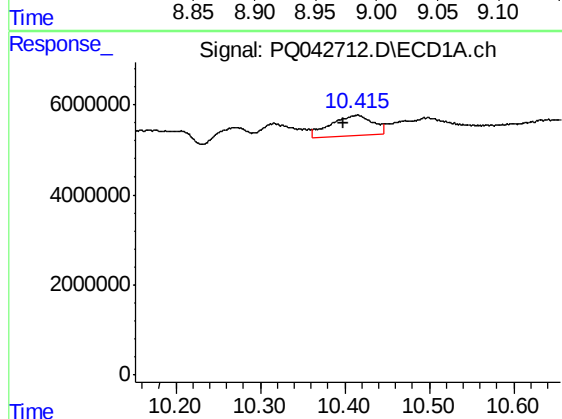
R.T.: 10.065 min
Delta R.T.: -0.001 min
Response: 24305117
Conc: 32.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ37



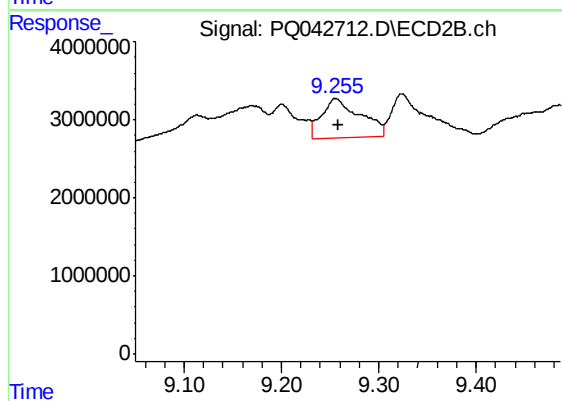
#37 AR-1262-2

R.T.: 8.963 min
Delta R.T.: -0.003 min
Response: 12664103
Conc: 15.16 ng/ml



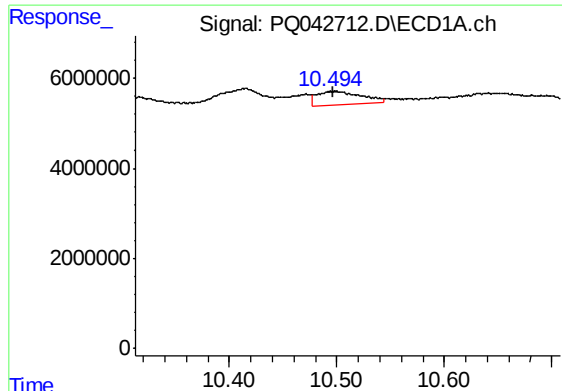
#38 AR-1262-3

R.T.: 10.416 min
Delta R.T.: 0.018 min
Response: 15841073
Conc: 29.45 ng/ml



#38 AR-1262-3

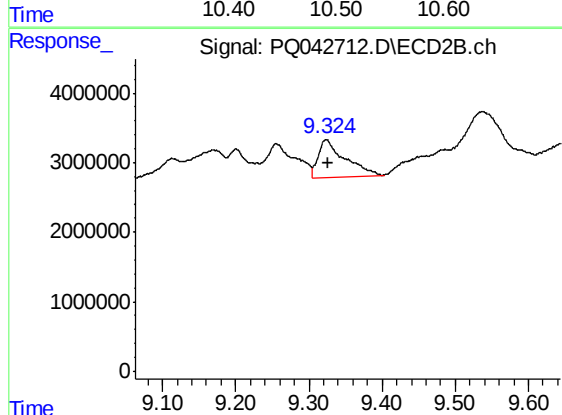
R.T.: 9.255 min
Delta R.T.: -0.003 min
Response: 14003498
Conc: 39.40 ng/ml



#39 AR-1262-4

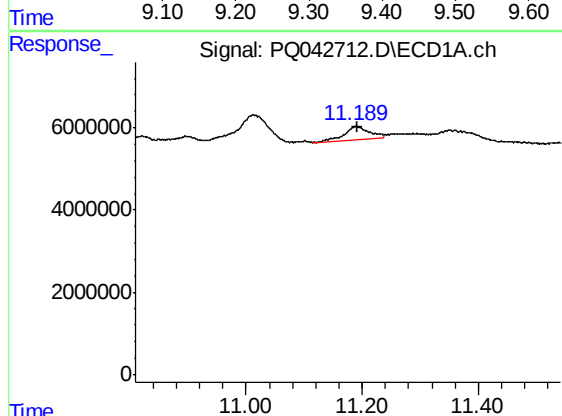
R.T.: 10.499 min
Delta R.T.: 0.002 min
Response: 8582916
Conc: 19.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ37



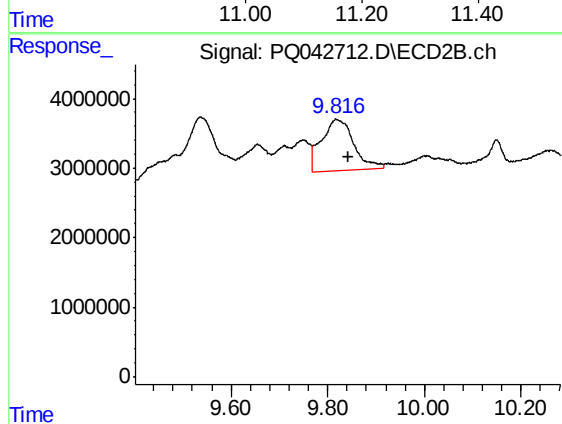
#39 AR-1262-4

R.T.: 9.324 min
Delta R.T.: -0.001 min
Response: 13590409
Conc: 21.08 ng/ml



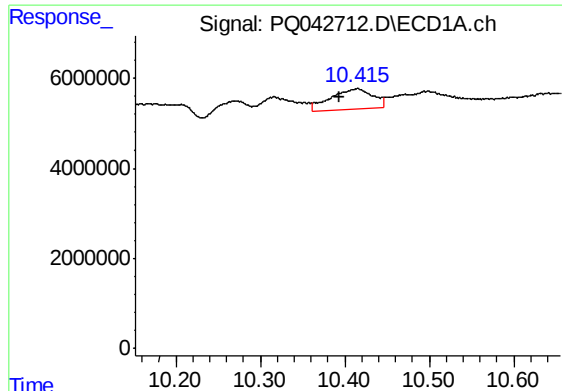
#40 AR-1262-5

R.T.: 11.189 min
Delta R.T.: -0.003 min
Response: 9488095
Conc: 27.66 ng/ml



#40 AR-1262-5

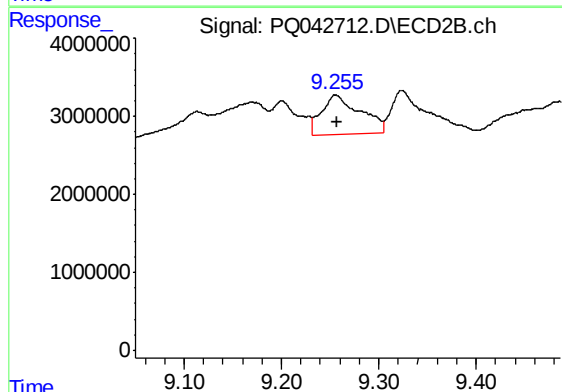
R.T.: 9.816 min
Delta R.T.: -0.027 min
Response: 34086183
Conc: 107.75 ng/ml



#41 AR-1268-1

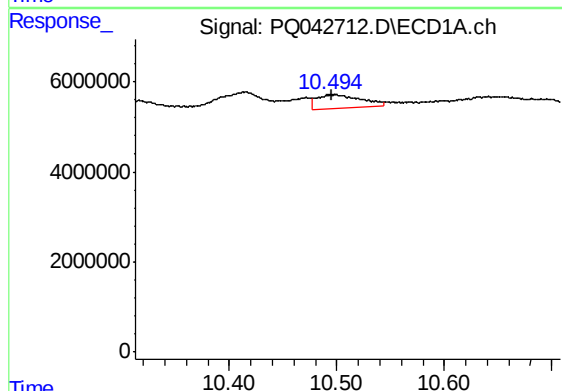
R.T.: 10.416 min
Delta R.T.: 0.021 min
Response: 15841073
Conc: 16.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ37



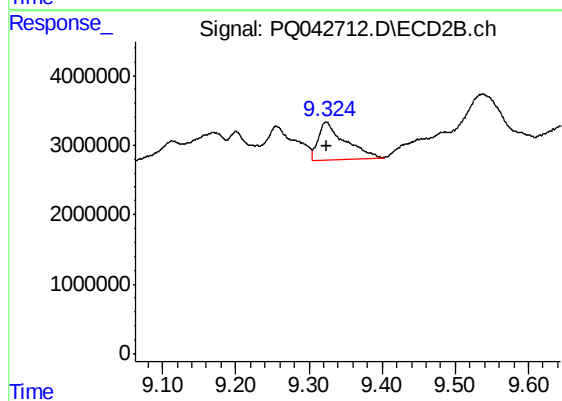
#41 AR-1268-1

R.T.: 9.255 min
Delta R.T.: -0.002 min
Response: 14003498
Conc: 13.95 ng/ml



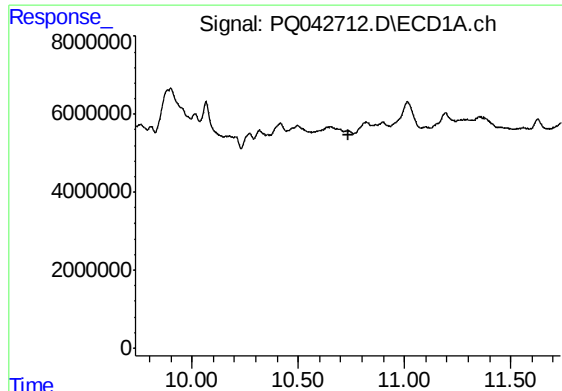
#42 AR-1268-2

R.T.: 10.499 min
Delta R.T.: 0.003 min
Response: 8582916
Conc: 9.22 ng/ml



#42 AR-1268-2

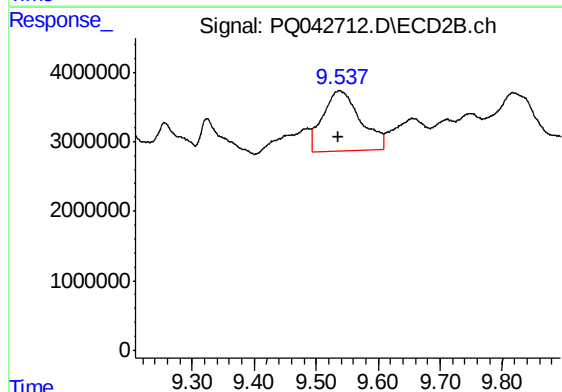
R.T.: 9.324 min
Delta R.T.: 0.000 min
Response: 13590409
Conc: 14.47 ng/ml



#43 AR-1268-3

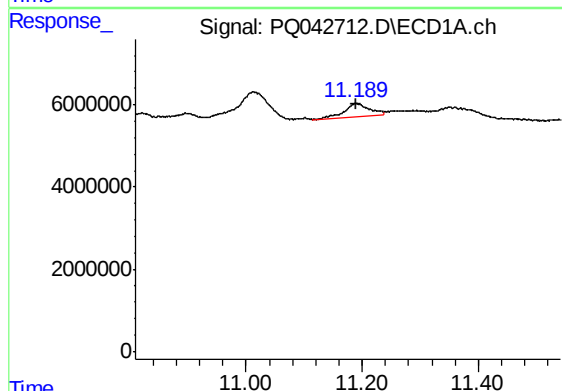
R.T.: 0.000 min
Exp R.T.: 10.734 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQ37



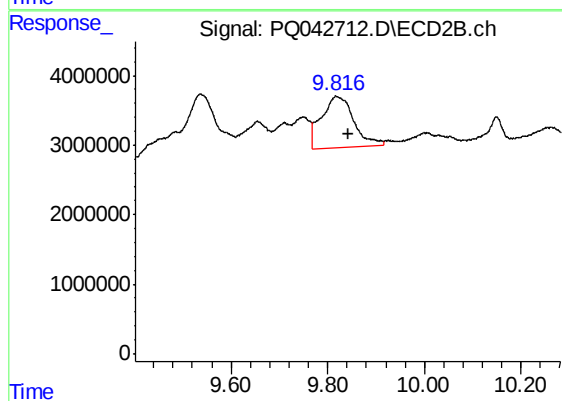
#43 AR-1268-3

R.T.: 9.537 min
Delta R.T.: 0.002 min
Response: 36404562
Conc: 45.70 ng/ml



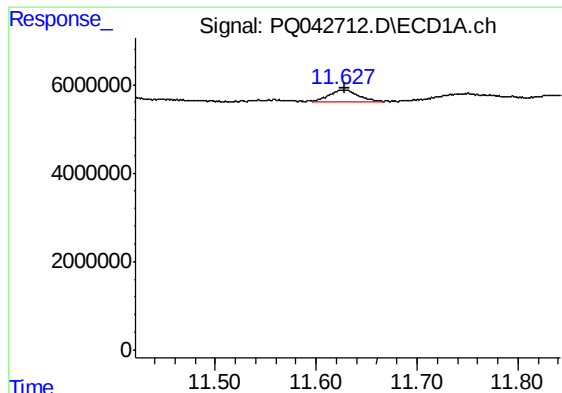
#44 AR-1268-4

R.T.: 11.189 min
Delta R.T.: -0.001 min
Response: 9488095
Conc: 25.57 ng/ml



#44 AR-1268-4

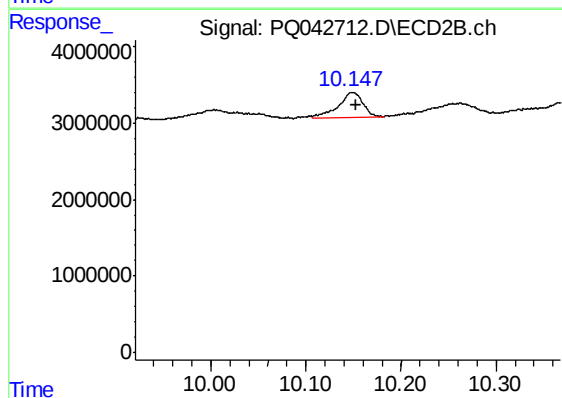
R.T.: 9.816 min
Delta R.T.: -0.026 min
Response: 34086183
Conc: 99.60 ng/ml



#45 AR-1268-5

R.T.: 11.626 min
Delta R.T.: -0.002 min
Response: 5131707
Conc: 1.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ37



#45 AR-1268-5

R.T.: 10.148 min
Delta R.T.: -0.006 min
Response: 5910629
Conc: 2.31 ng/ml