

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101719\
 Data File : PQ044465.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2019 09:33
 Operator : HP\AJ
 Sample : K5236-15
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BEPM7

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 18 01:15:00 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100819CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 10 02:55:10 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...	5.318	4.349	52238550	54794079	13.437	12.275
2)	SA Decachlor...	11.600	9.791	73512666	109.5E6	13.721	18.314 #
Target Compounds							
3)	L1 AR-1016-1	6.638	5.630	3983359	3606834	35.100	26.294 #
4)	L1 AR-1016-2	6.665	5.657	6673626	9021330	41.366	40.741
5)	L1 AR-1016-3	6.732	5.895	6439302	14650730	63.263	140.391 #
6)	L1 AR-1016-4	6.820	5.895	41417279	14650730	501.251	156.769 #
7)	L1 AR-1016-5	7.156	6.130	9869404	6315589	130.486	51.649 #
10)	L2 AR-1221-3	0.000	4.872	0	7089495	N.D.	67.511 #
11)	L3 AR-1232-1	0.000	4.872	0	7089495	N.D.	76.610 #
12)	L3 AR-1232-2	6.345	5.657	12280669	9021330	316.146	85.535 #
13)	L3 AR-1232-3	6.665	5.895	6673626	14650730	86.991	296.466 #
14)	L3 AR-1232-4	6.820	5.941	41417279	9343422	1091.911	198.115 #
15)	L3 AR-1232-5	6.936	6.130	12630902	6315589	447.978	115.536 #
16)	L4 AR-1242-1	6.638	5.630	3983359	3606834	40.801	30.431 #
17)	L4 AR-1242-2	6.665	5.657	6673626	9021330	47.979	47.819
18)	L4 AR-1242-3	6.732	5.895	6439302	14650730	72.455	158.406 #
19)	L4 AR-1242-4	6.820	5.941	41417279	9343422	579.826	95.061 #
20)	L4 AR-1242-5	7.628	6.514	15615799	24277636	205.403	190.525
21)	L5 AR-1248-1	6.638	5.630	3983359	3606834	54.286	39.832 #
22)	L5 AR-1248-2	6.936	5.895	12630902	14650730	127.507	105.701
23)	L5 AR-1248-3	7.156	5.941	9869404	9343422	91.385	66.066 #
24)	L5 AR-1248-4	7.586	6.130	7644390	6315589	60.717	36.769 #
25)	L5 AR-1248-5	7.628	6.559	15615799	9904764	128.973	59.161 #
26)	L6 AR-1254-1	7.557	6.514	18170929	24277636	135.042	83.238 #
27)	L6 AR-1254-2	7.787	6.673	38189031	19591738	178.766	75.036 #
28)	L6 AR-1254-3	8.174	7.101	25362853	65664864	103.081	150.295 #
29)	L6 AR-1254-4	8.469	7.343	17262867	37082058	86.074	138.044 #
30)	L6 AR-1254-5	8.902	7.775	19166627	29050755	80.080	72.652
31)	L7 AR-1260-1	8.341	7.255	10717105	37378635	71.194	153.731 #
32)	L7 AR-1260-2	8.605	7.434	16100698	24590396	81.808	81.464
33)	L7 AR-1260-3	8.981	7.595	6014305	19660418	37.511	69.862 #
34)	L7 AR-1260-4	9.221	8.081	10169957	7742802	52.086	30.778 #
35)	L7 AR-1260-5	9.580	8.329	12874512	24562230	28.160	38.323 #
36)	L8 AR-1262-1	9.043	7.775	1880074	29050755	17.311	148.865 #
37)	L8 AR-1262-2	9.580	8.329	12874512	24562230	22.356	31.045 #
38)	L8 AR-1262-3	9.922	8.623	13193722	8428958	31.803	26.578
39)	L8 AR-1262-4	10.028	8.721	6044593	14975034	19.188	24.572 #
40)	L8 AR-1262-5	10.758	9.205	4182600	8190591	16.455	29.211 #
41)	L9 AR-1268-1	9.922	8.623	13193722	8428958	18.451	8.739 #
42)	L9 AR-1268-2	10.028	8.721	6044593	14975034	8.895	16.467 #
43)	L9 AR-1268-3	0.000	8.893	0	2926906	N.D.	3.864 #

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 Response via : Initial Calibration
 Integrator: ChemStation

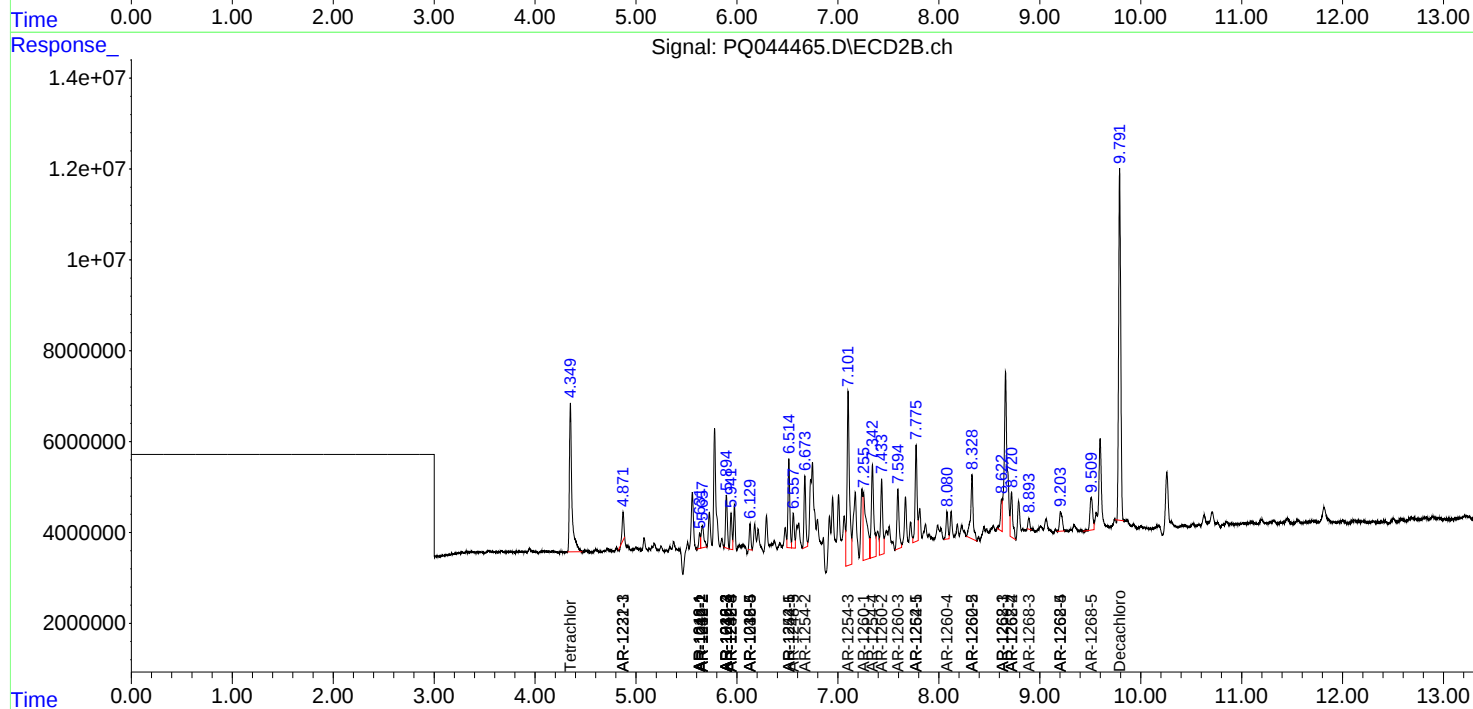
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

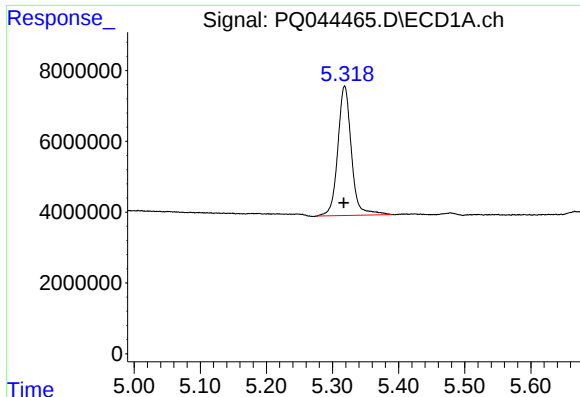
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	10.758	9.205	4182600	8190591	14.518	25.048 #
45) L9	AR-1268-5	11.223	9.510	3447892	13025690	1.586	5.001 #

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

Instrument :
ECD_Q
ClientSampleId :
BEPM7

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

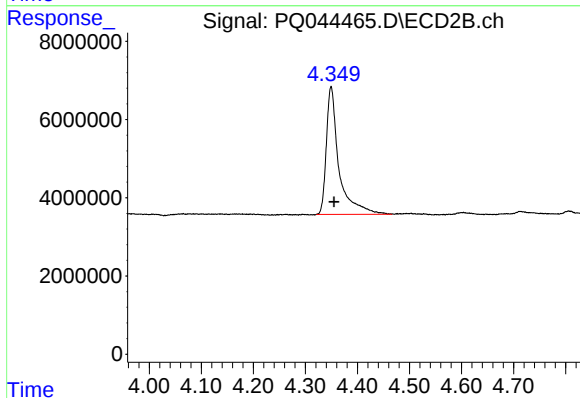




#1 Tetrachloro-m-xylene

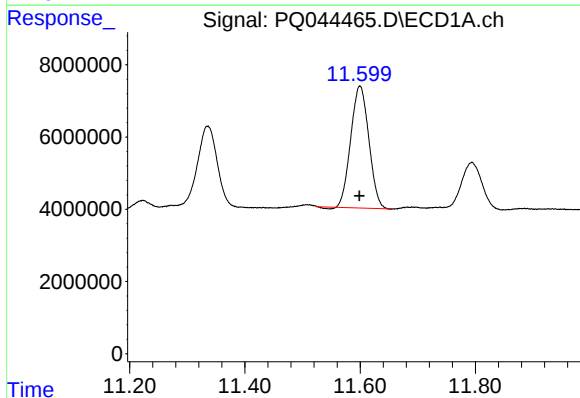
R.T.: 5.318 min
Delta R.T.: 0.001 min
Response: 52238550
Conc: 13.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM7



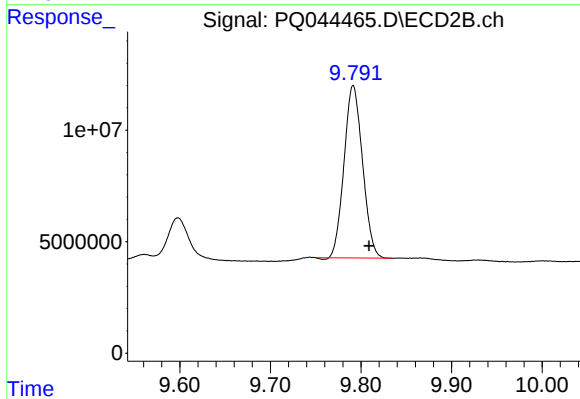
#1 Tetrachloro-m-xylene

R.T.: 4.349 min
Delta R.T.: -0.006 min
Response: 54794079
Conc: 12.28 ng/ml



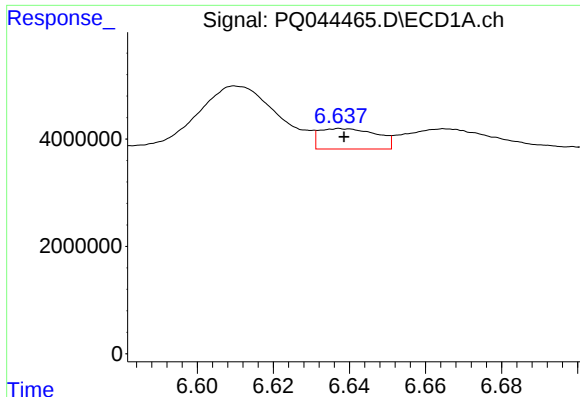
#2 Decachlorobiphenyl

R.T.: 11.600 min
Delta R.T.: 0.000 min
Response: 73512666
Conc: 13.72 ng/ml



#2 Decachlorobiphenyl

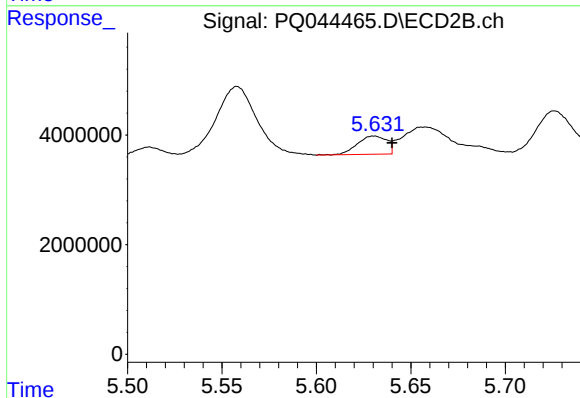
R.T.: 9.791 min
Delta R.T.: -0.017 min
Response: 109545962
Conc: 18.31 ng/ml



#3 AR-1016-1

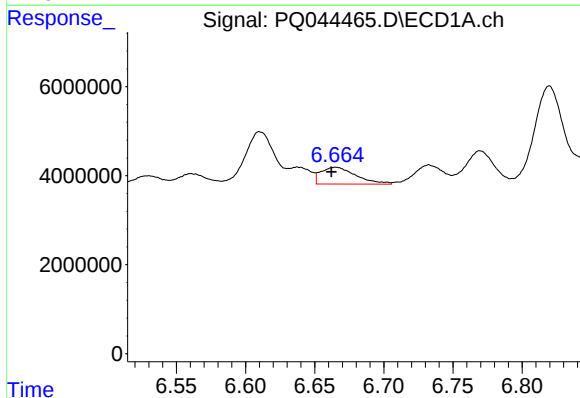
R.T.: 6.638 min
Delta R.T.: 0.000 min
Response: 3983359
Conc: 35.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM7



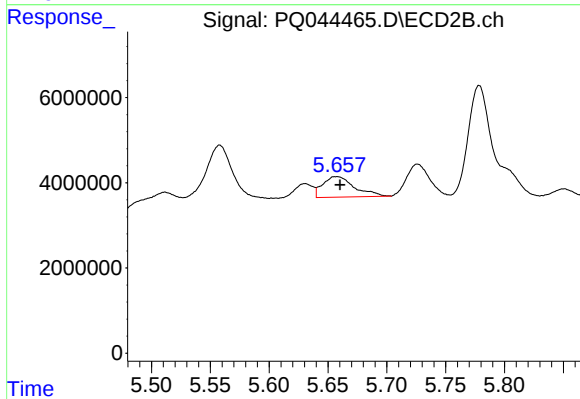
#3 AR-1016-1

R.T.: 5.630 min
Delta R.T.: -0.010 min
Response: 3606834
Conc: 26.29 ng/ml



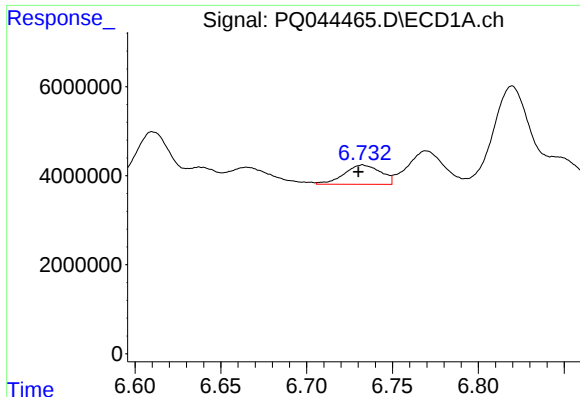
#4 AR-1016-2

R.T.: 6.665 min
Delta R.T.: 0.003 min
Response: 6673626
Conc: 41.37 ng/ml



#4 AR-1016-2

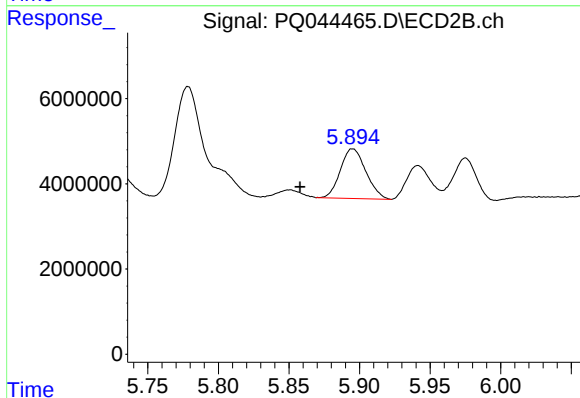
R.T.: 5.657 min
Delta R.T.: -0.003 min
Response: 9021330
Conc: 40.74 ng/ml



#5 AR-1016-3

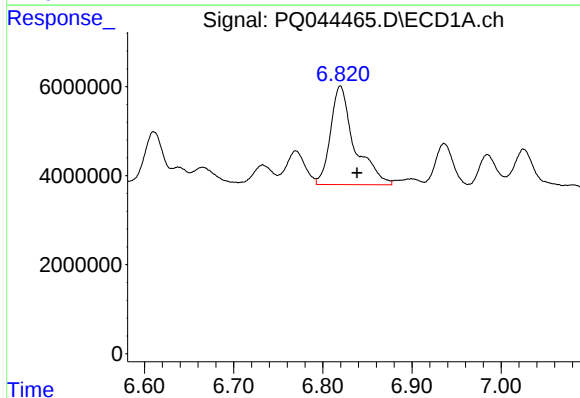
R.T.: 6.732 min
Delta R.T.: 0.002 min
Response: 6439302
Conc: 63.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM7



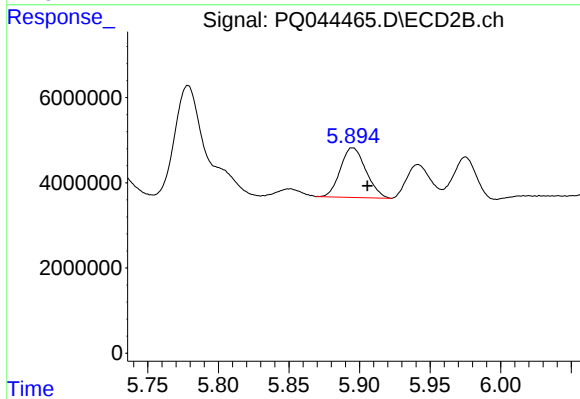
#5 AR-1016-3

R.T.: 5.895 min
Delta R.T.: 0.037 min
Response: 14650730
Conc: 140.39 ng/ml



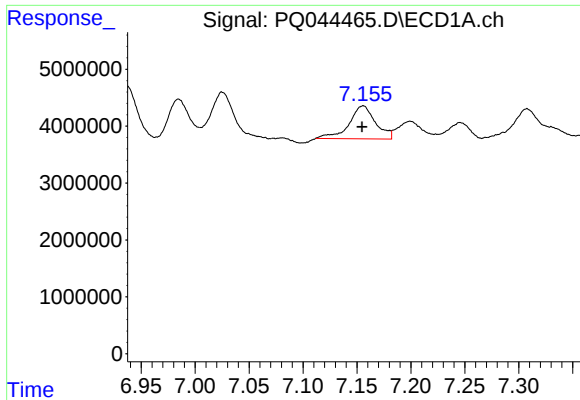
#6 AR-1016-4

R.T.: 6.820 min
Delta R.T.: -0.019 min
Response: 41417279
Conc: 501.25 ng/ml



#6 AR-1016-4

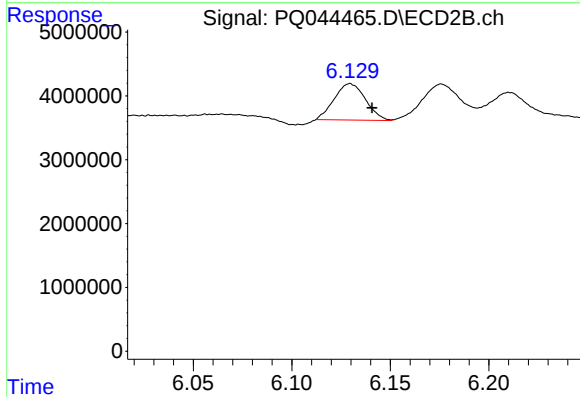
R.T.: 5.895 min
Delta R.T.: -0.010 min
Response: 14650730
Conc: 156.77 ng/ml



#7 AR-1016-5

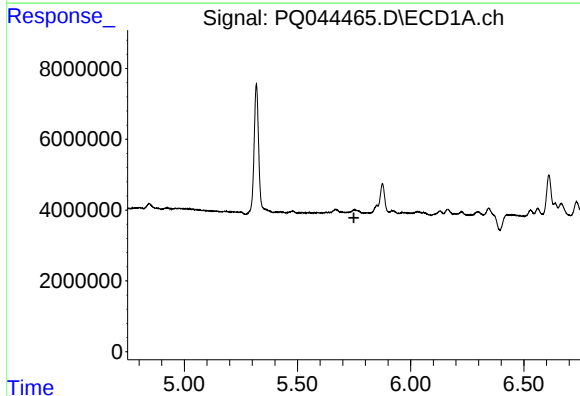
R.T.: 7.156 min
Delta R.T.: 0.000 min
Response: 9869404
Conc: 130.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM7



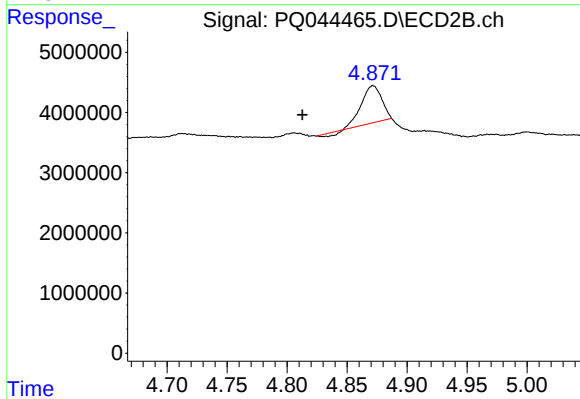
#7 AR-1016-5

R.T.: 6.130 min
Delta R.T.: -0.011 min
Response: 6315589
Conc: 51.65 ng/ml



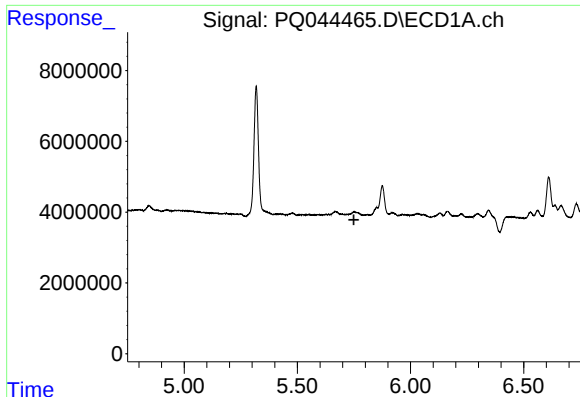
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.749 min
Response: 0
Conc: N.D.



#10 AR-1221-3

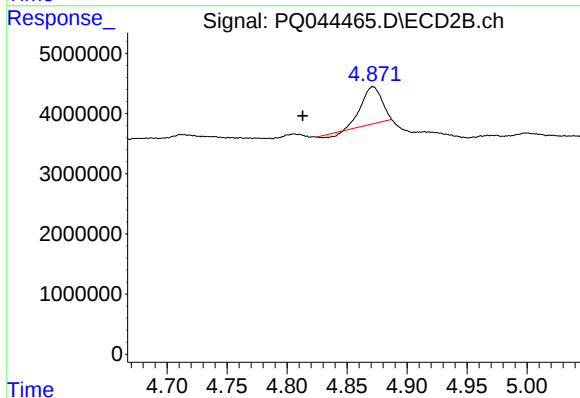
R.T.: 4.872 min
Delta R.T.: 0.059 min
Response: 7089495
Conc: 67.51 ng/ml



#11 AR-1232-1

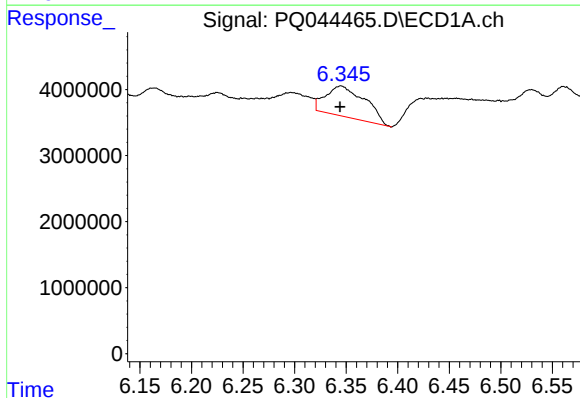
R.T.: 0.000 min
Exp R.T.: 5.750 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BEPM7



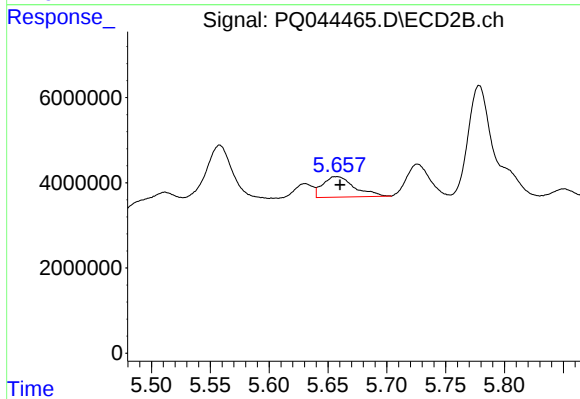
#11 AR-1232-1

R.T.: 4.872 min
Delta R.T.: 0.059 min
Response: 7089495
Conc: 76.61 ng/ml



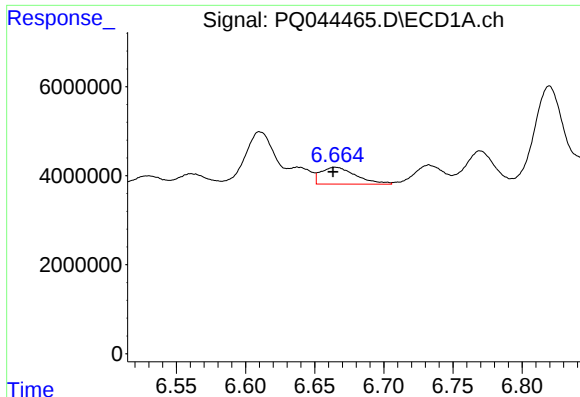
#12 AR-1232-2

R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 12280669
Conc: 316.15 ng/ml



#12 AR-1232-2

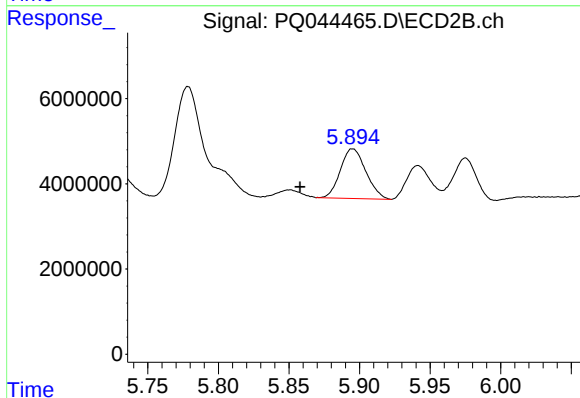
R.T.: 5.657 min
Delta R.T.: -0.003 min
Response: 9021330
Conc: 85.53 ng/ml



#13 AR-1232-3

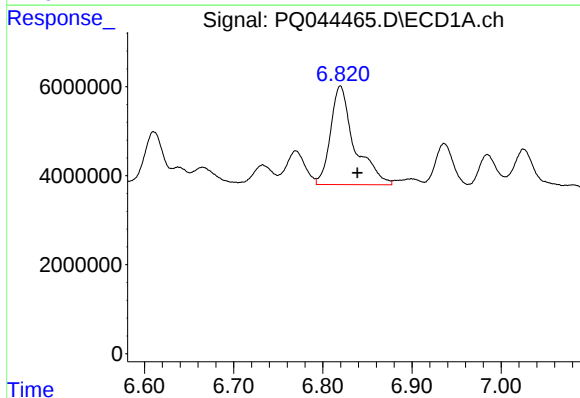
R.T.: 6.665 min
Delta R.T.: 0.002 min
Response: 6673626
Conc: 86.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM7



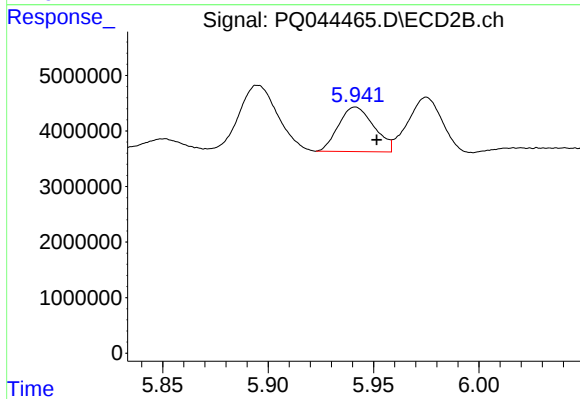
#13 AR-1232-3

R.T.: 5.895 min
Delta R.T.: 0.037 min
Response: 14650730
Conc: 296.47 ng/ml



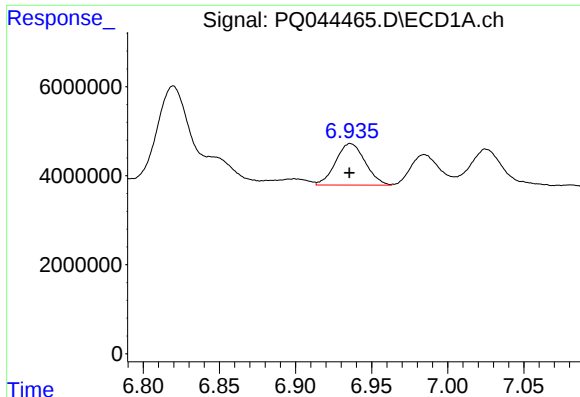
#14 AR-1232-4

R.T.: 6.820 min
Delta R.T.: -0.019 min
Response: 41417279
Conc: 1091.91 ng/ml



#14 AR-1232-4

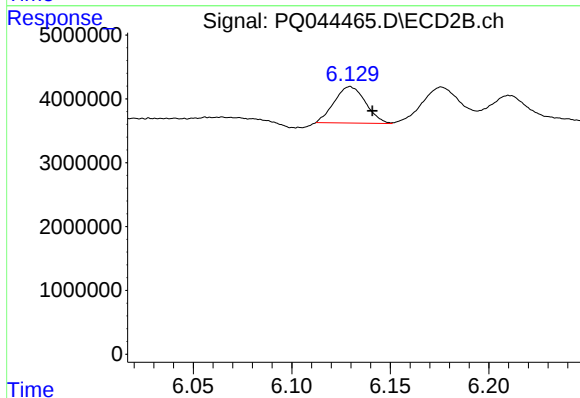
R.T.: 5.941 min
Delta R.T.: -0.010 min
Response: 9343422
Conc: 198.12 ng/ml



#15 AR-1232-5

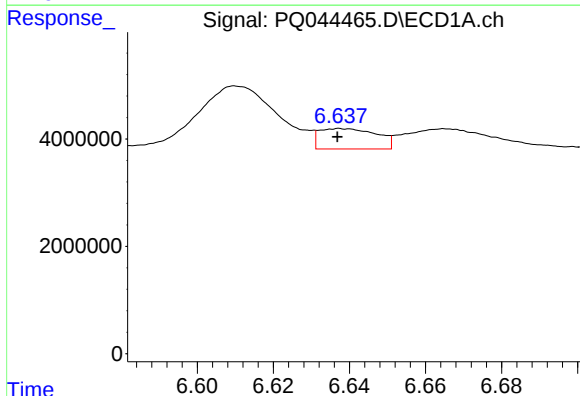
R.T.: 6.936 min
Delta R.T.: 0.000 min
Response: 12630902
Conc: 447.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM7



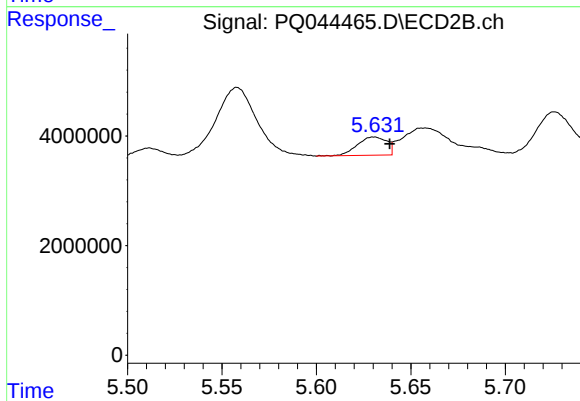
#15 AR-1232-5

R.T.: 6.130 min
Delta R.T.: -0.011 min
Response: 6315589
Conc: 115.54 ng/ml



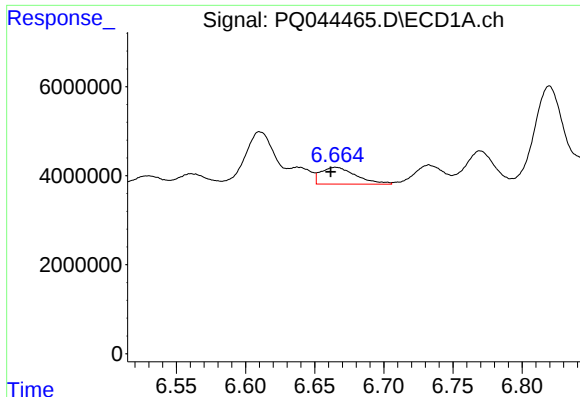
#16 AR-1242-1

R.T.: 6.638 min
Delta R.T.: 0.000 min
Response: 3983359
Conc: 40.80 ng/ml



#16 AR-1242-1

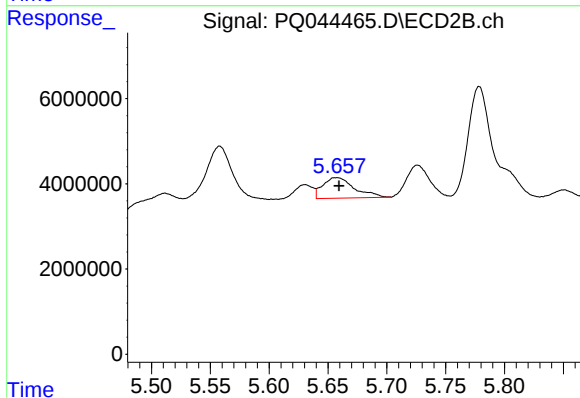
R.T.: 5.630 min
Delta R.T.: -0.008 min
Response: 3606834
Conc: 30.43 ng/ml



#17 AR-1242-2

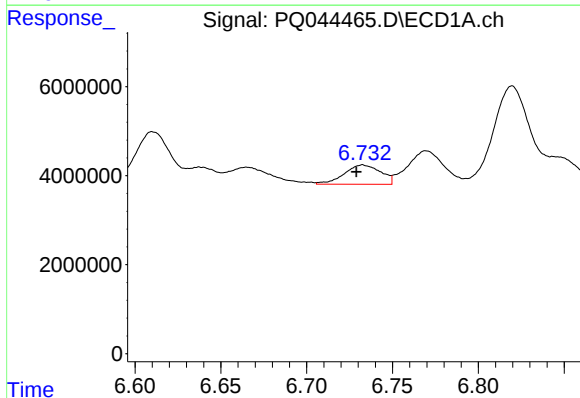
R.T.: 6.665 min
Delta R.T.: 0.003 min
Response: 6673626
Conc: 47.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM7



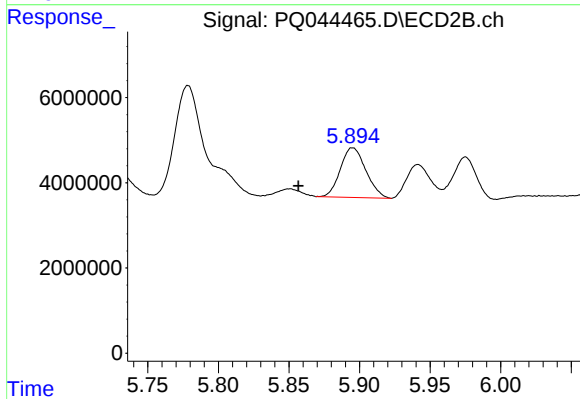
#17 AR-1242-2

R.T.: 5.657 min
Delta R.T.: -0.002 min
Response: 9021330
Conc: 47.82 ng/ml



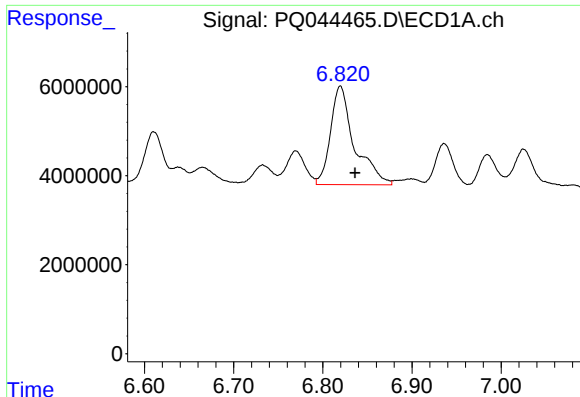
#18 AR-1242-3

R.T.: 6.732 min
Delta R.T.: 0.003 min
Response: 6439302
Conc: 72.46 ng/ml



#18 AR-1242-3

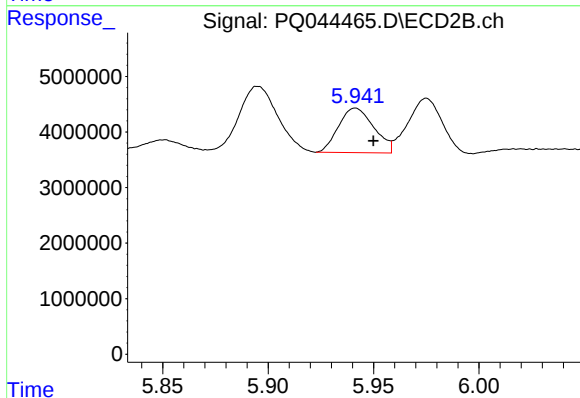
R.T.: 5.895 min
Delta R.T.: 0.038 min
Response: 14650730
Conc: 158.41 ng/ml



#19 AR-1242-4

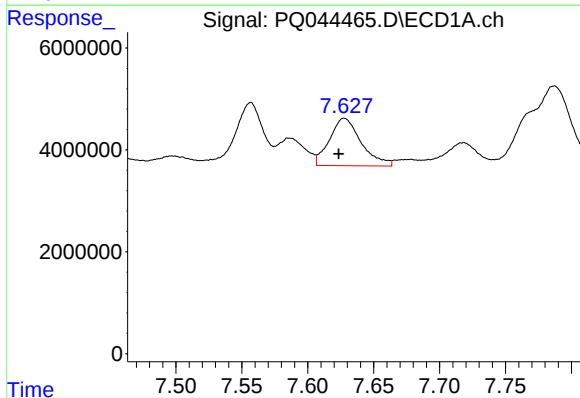
R.T.: 6.820 min
Delta R.T.: -0.016 min
Response: 41417279
Conc: 579.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM7



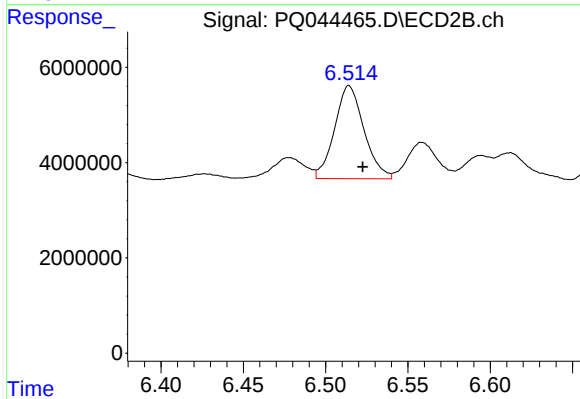
#19 AR-1242-4

R.T.: 5.941 min
Delta R.T.: -0.008 min
Response: 9343422
Conc: 95.06 ng/ml



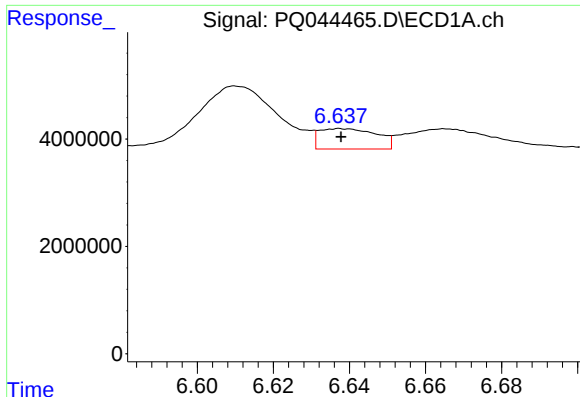
#20 AR-1242-5

R.T.: 7.628 min
Delta R.T.: 0.004 min
Response: 15615799
Conc: 205.40 ng/ml



#20 AR-1242-5

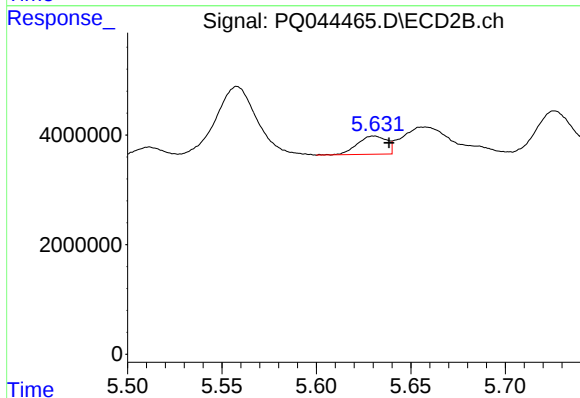
R.T.: 6.514 min
Delta R.T.: -0.008 min
Response: 24277636
Conc: 190.52 ng/ml



#21 AR-1248-1

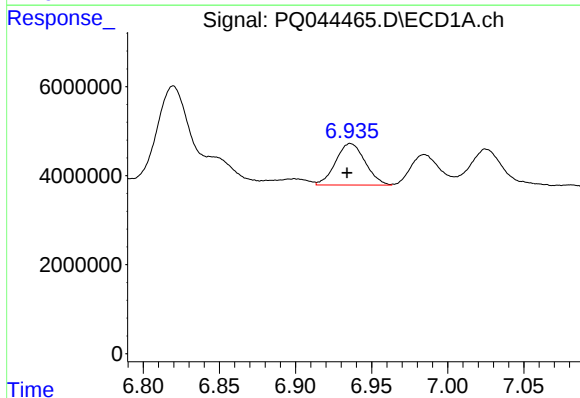
R.T.: 6.638 min
Delta R.T.: 0.000 min
Response: 3983359
Conc: 54.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM7



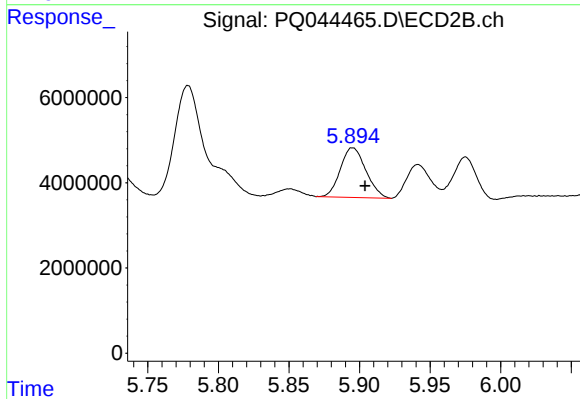
#21 AR-1248-1

R.T.: 5.630 min
Delta R.T.: -0.008 min
Response: 3606834
Conc: 39.83 ng/ml



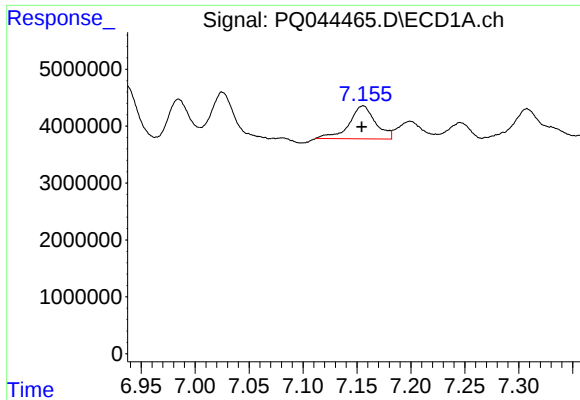
#22 AR-1248-2

R.T.: 6.936 min
Delta R.T.: 0.002 min
Response: 12630902
Conc: 127.51 ng/ml



#22 AR-1248-2

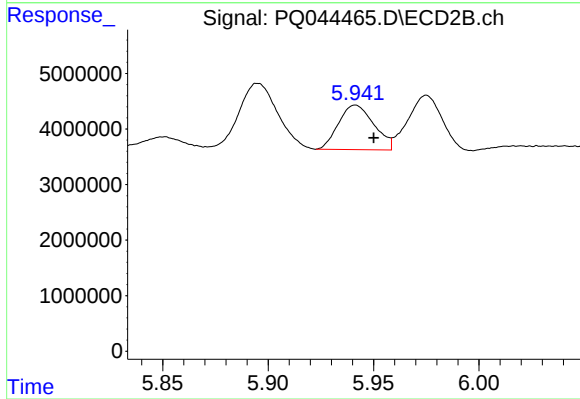
R.T.: 5.895 min
Delta R.T.: -0.009 min
Response: 14650730
Conc: 105.70 ng/ml



#23 AR-1248-3

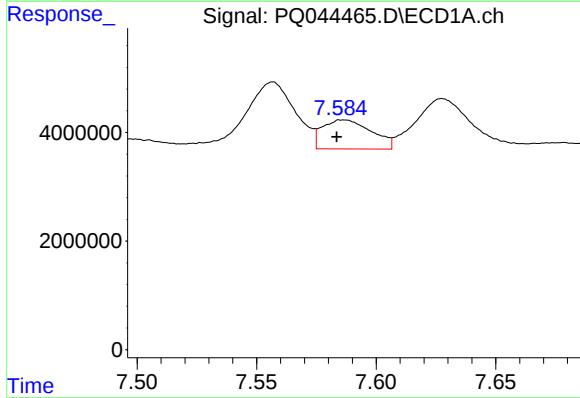
R.T.: 7.156 min
Delta R.T.: 0.001 min
Response: 9869404
Conc: 91.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM7



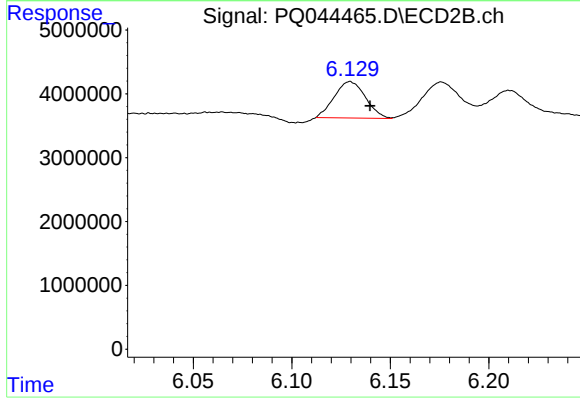
#23 AR-1248-3

R.T.: 5.941 min
Delta R.T.: -0.009 min
Response: 9343422
Conc: 66.07 ng/ml



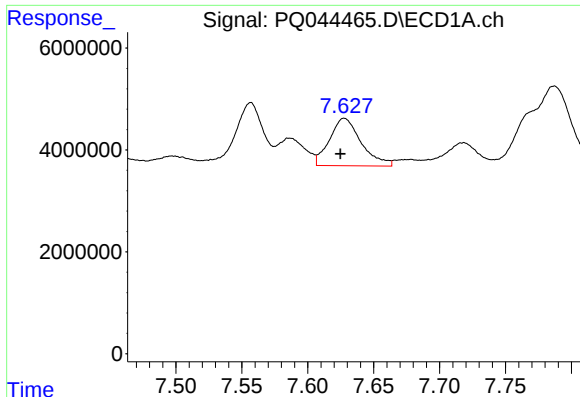
#24 AR-1248-4

R.T.: 7.586 min
Delta R.T.: 0.003 min
Response: 7644390
Conc: 60.72 ng/ml



#24 AR-1248-4

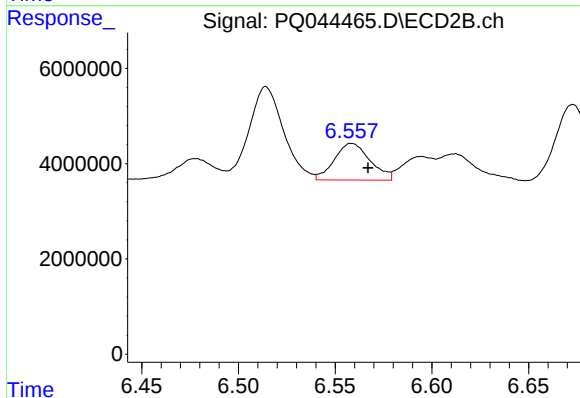
R.T.: 6.130 min
Delta R.T.: -0.010 min
Response: 6315589
Conc: 36.77 ng/ml



#25 AR-1248-5

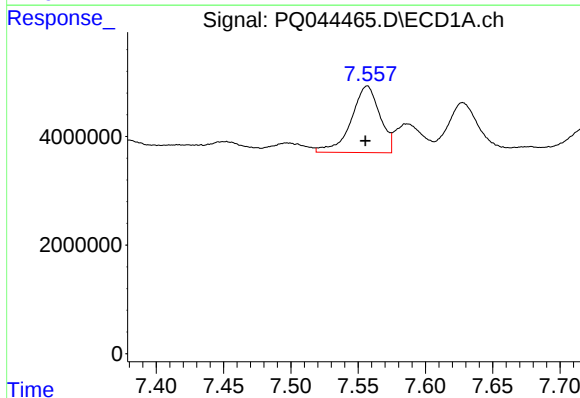
R.T.: 7.628 min
Delta R.T.: 0.003 min
Response: 15615799
Conc: 128.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM7



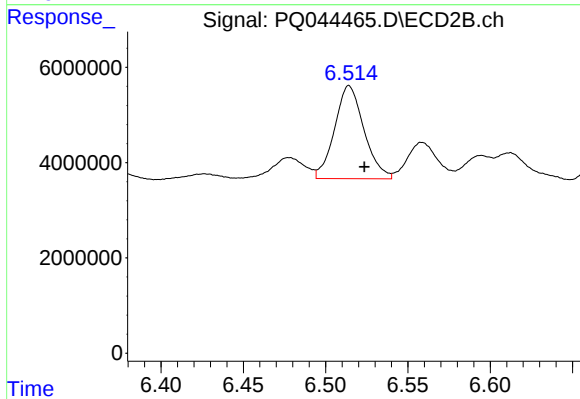
#25 AR-1248-5

R.T.: 6.559 min
Delta R.T.: -0.008 min
Response: 9904764
Conc: 59.16 ng/ml



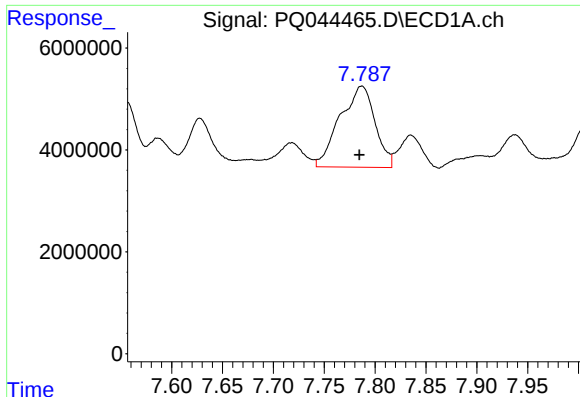
#26 AR-1254-1

R.T.: 7.557 min
Delta R.T.: 0.001 min
Response: 18170929
Conc: 135.04 ng/ml



#26 AR-1254-1

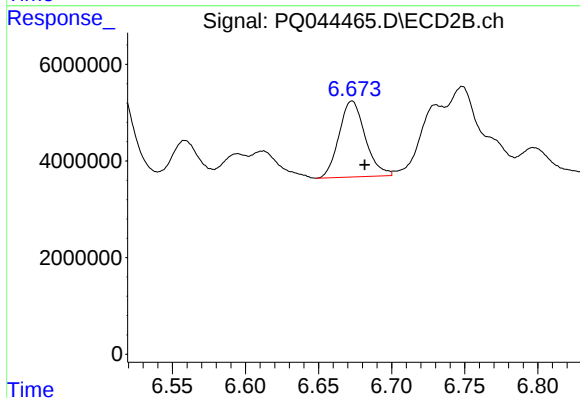
R.T.: 6.514 min
Delta R.T.: -0.009 min
Response: 24277636
Conc: 83.24 ng/ml



#27 AR-1254-2

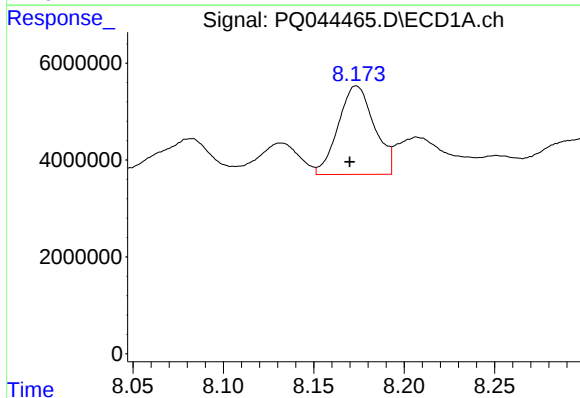
R.T.: 7.787 min
Delta R.T.: 0.002 min
Response: 38189031
Conc: 178.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM7



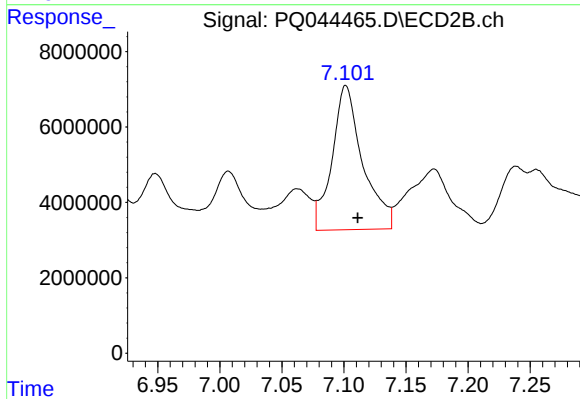
#27 AR-1254-2

R.T.: 6.673 min
Delta R.T.: -0.009 min
Response: 19591738
Conc: 75.04 ng/ml



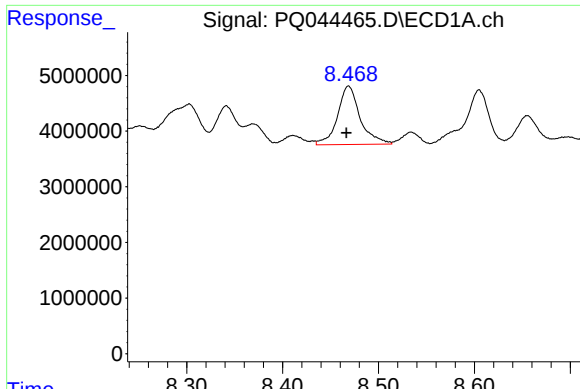
#28 AR-1254-3

R.T.: 8.174 min
Delta R.T.: 0.004 min
Response: 25362853
Conc: 103.08 ng/ml



#28 AR-1254-3

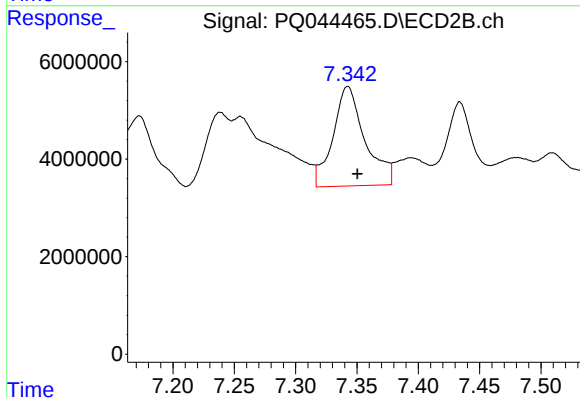
R.T.: 7.101 min
Delta R.T.: -0.010 min
Response: 65664864
Conc: 150.29 ng/ml



#29 AR-1254-4

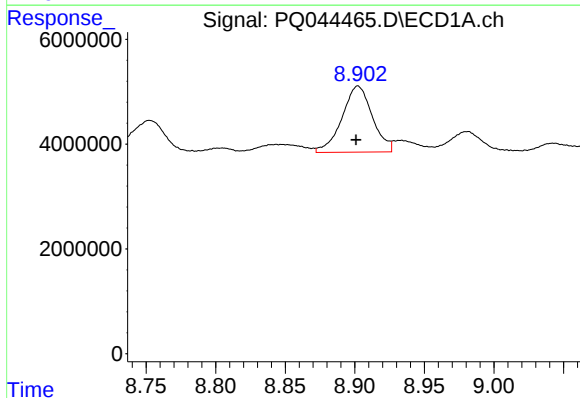
R.T.: 8.469 min
Delta R.T.: 0.002 min
Response: 17262867
Conc: 86.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM7



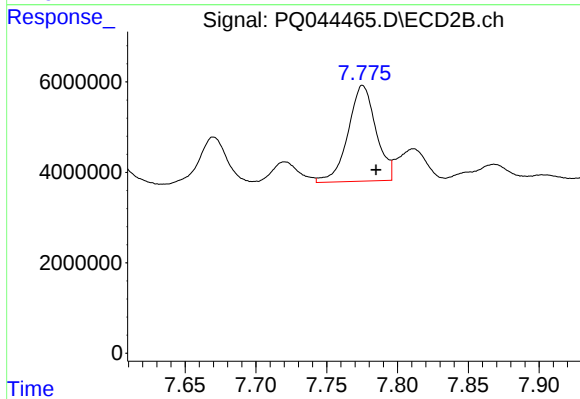
#29 AR-1254-4

R.T.: 7.343 min
Delta R.T.: -0.008 min
Response: 37082058
Conc: 138.04 ng/ml



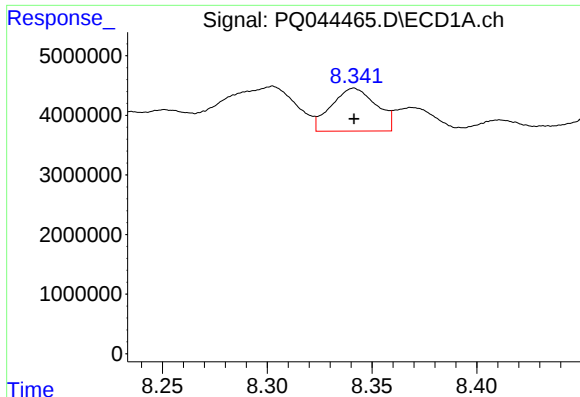
#30 AR-1254-5

R.T.: 8.902 min
Delta R.T.: 0.001 min
Response: 19166627
Conc: 80.08 ng/ml



#30 AR-1254-5

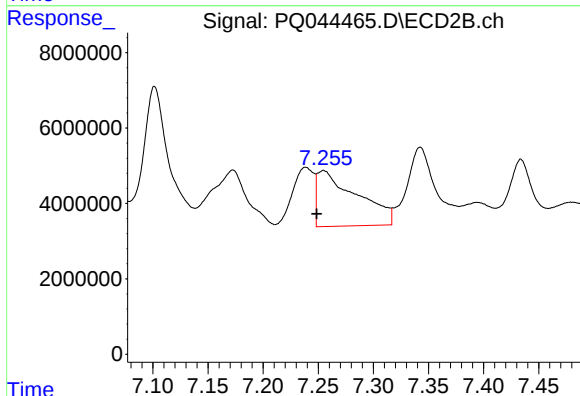
R.T.: 7.775 min
Delta R.T.: -0.009 min
Response: 29050755
Conc: 72.65 ng/ml



#31 AR-1260-1

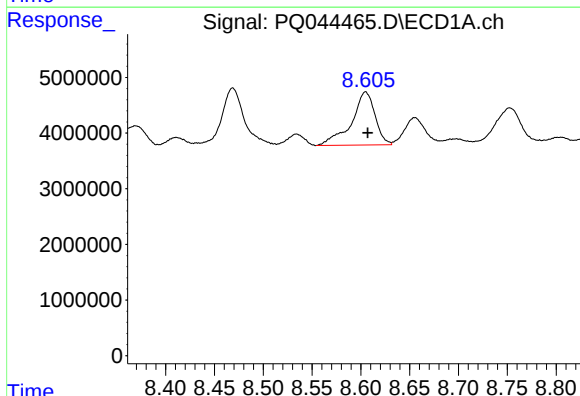
R.T.: 8.341 min
Delta R.T.: 0.000 min
Response: 10717105
Conc: 71.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM7



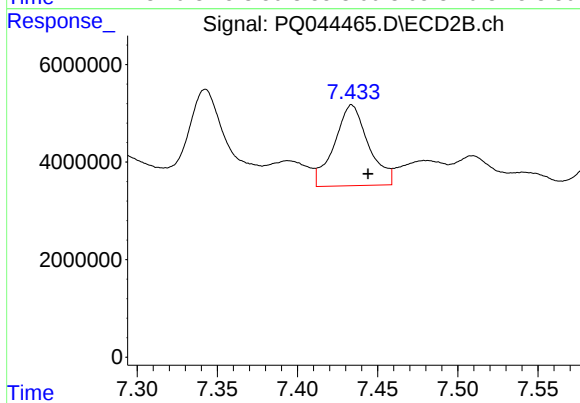
#31 AR-1260-1

R.T.: 7.255 min
Delta R.T.: 0.006 min
Response: 37378635
Conc: 153.73 ng/ml



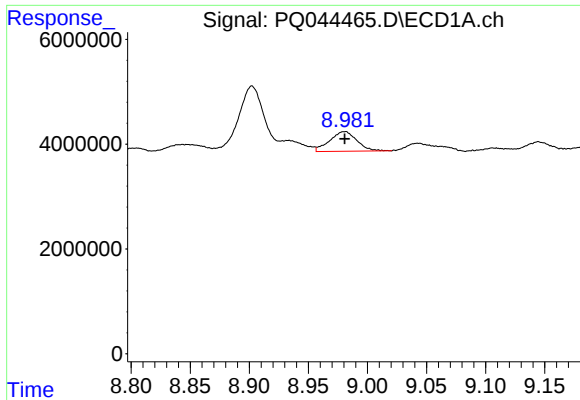
#32 AR-1260-2

R.T.: 8.605 min
Delta R.T.: -0.002 min
Response: 16100698
Conc: 81.81 ng/ml



#32 AR-1260-2

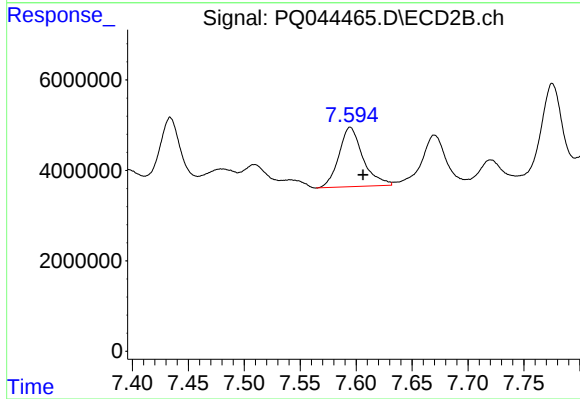
R.T.: 7.434 min
Delta R.T.: -0.010 min
Response: 24590396
Conc: 81.46 ng/ml



#33 AR-1260-3

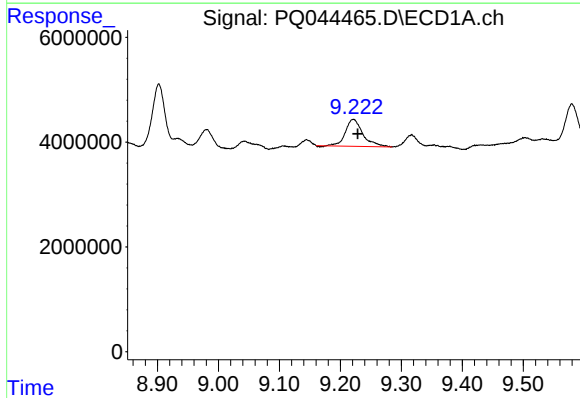
R.T.: 8.981 min
Delta R.T.: 0.000 min
Response: 6014305
Conc: 37.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM7



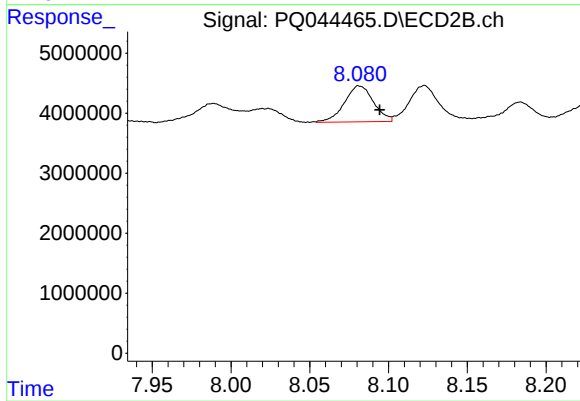
#33 AR-1260-3

R.T.: 7.595 min
Delta R.T.: -0.011 min
Response: 19660418
Conc: 69.86 ng/ml



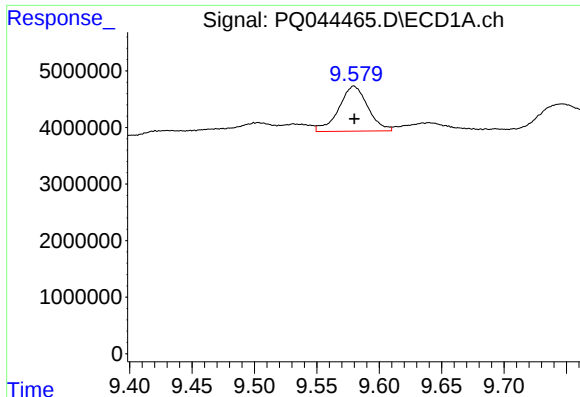
#34 AR-1260-4

R.T.: 9.221 min
Delta R.T.: -0.007 min
Response: 10169957
Conc: 52.09 ng/ml



#34 AR-1260-4

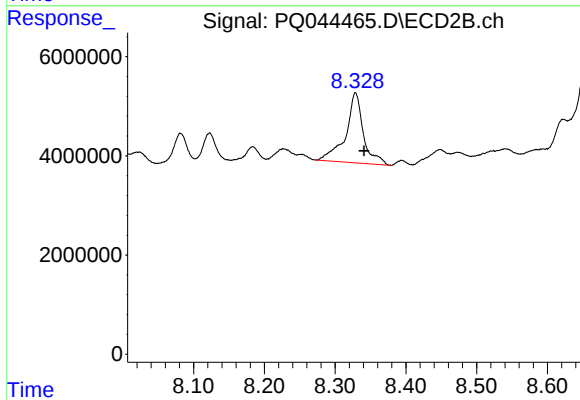
R.T.: 8.081 min
Delta R.T.: -0.013 min
Response: 7742802
Conc: 30.78 ng/ml



#35 AR-1260-5

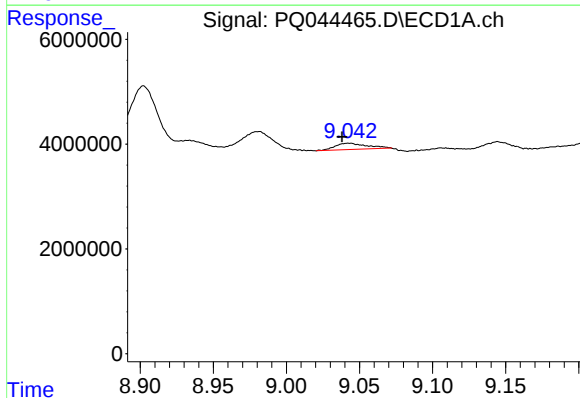
R.T.: 9.580 min
Delta R.T.: 0.000 min
Response: 12874512
Conc: 28.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM7



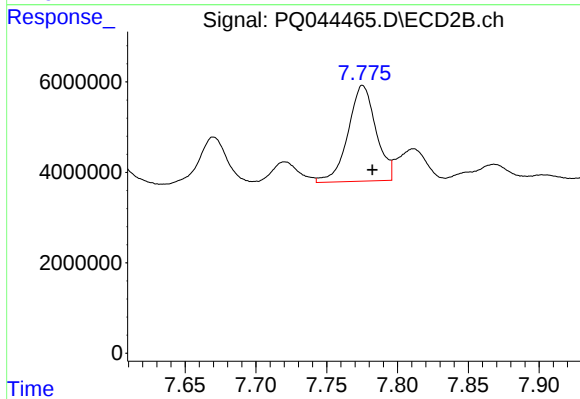
#35 AR-1260-5

R.T.: 8.329 min
Delta R.T.: -0.012 min
Response: 24562230
Conc: 38.32 ng/ml



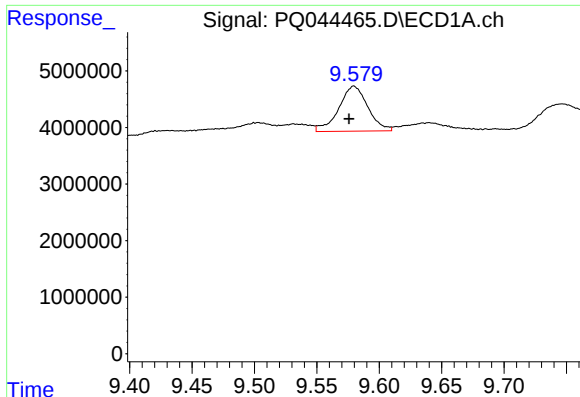
#36 AR-1262-1

R.T.: 9.043 min
Delta R.T.: 0.005 min
Response: 1880074
Conc: 17.31 ng/ml



#36 AR-1262-1

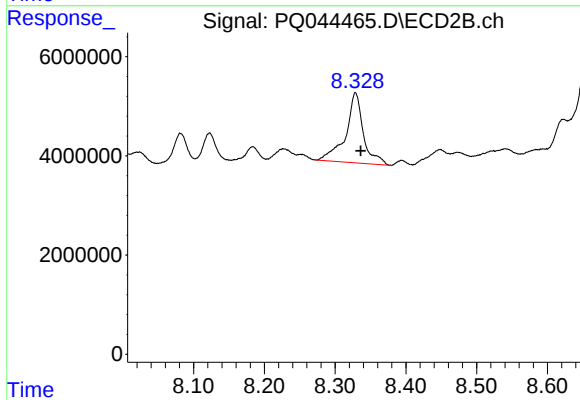
R.T.: 7.775 min
Delta R.T.: -0.007 min
Response: 29050755
Conc: 148.87 ng/ml



#37 AR-1262-2

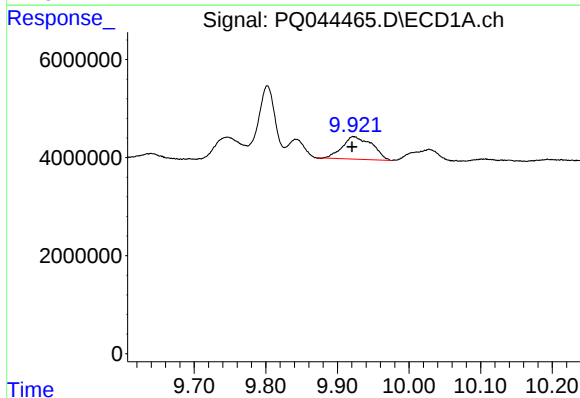
R.T.: 9.580 min
Delta R.T.: 0.004 min
Response: 12874512
Conc: 22.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM7



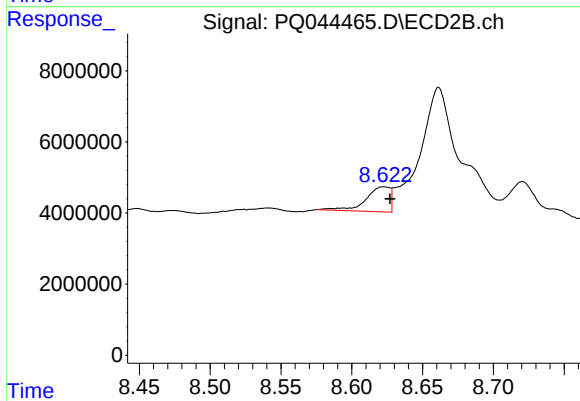
#37 AR-1262-2

R.T.: 8.329 min
Delta R.T.: -0.007 min
Response: 24562230
Conc: 31.04 ng/ml



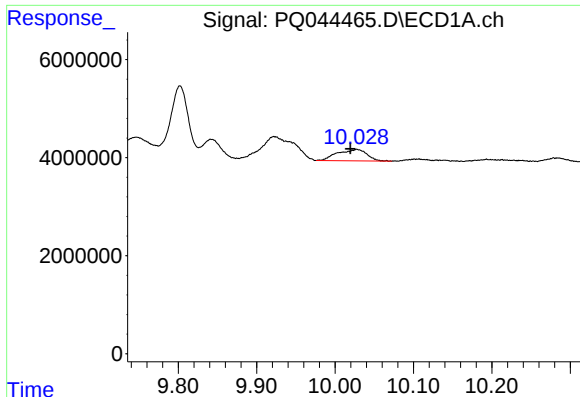
#38 AR-1262-3

R.T.: 9.922 min
Delta R.T.: 0.002 min
Response: 13193722
Conc: 31.80 ng/ml



#38 AR-1262-3

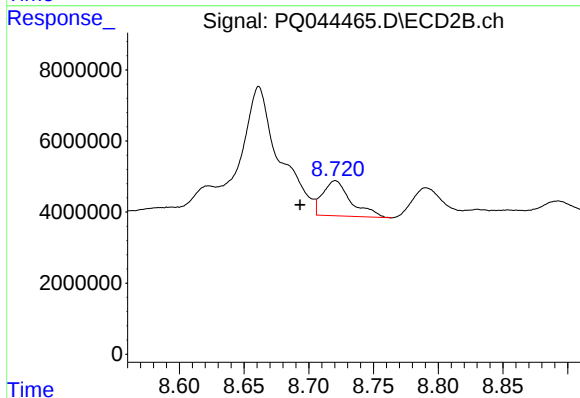
R.T.: 8.623 min
Delta R.T.: -0.004 min
Response: 8428958
Conc: 26.58 ng/ml



#39 AR-1262-4

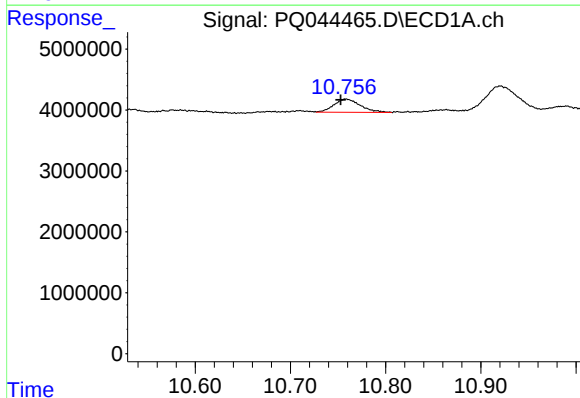
R.T.: 10.028 min
Delta R.T.: 0.008 min
Response: 6044593
Conc: 19.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM7



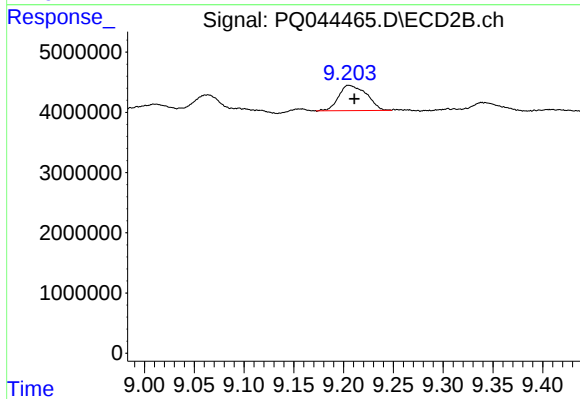
#39 AR-1262-4

R.T.: 8.721 min
Delta R.T.: 0.027 min
Response: 14975034
Conc: 24.57 ng/ml



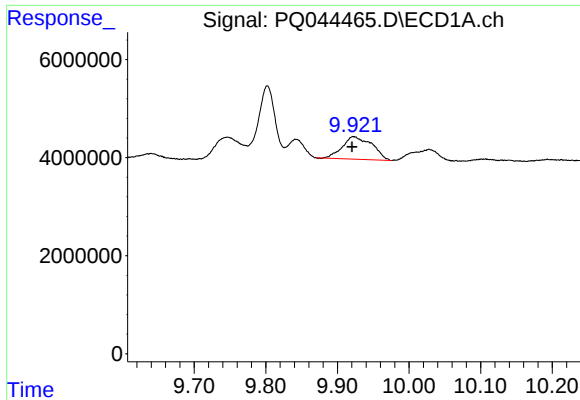
#40 AR-1262-5

R.T.: 10.758 min
Delta R.T.: 0.005 min
Response: 4182600
Conc: 16.45 ng/ml



#40 AR-1262-5

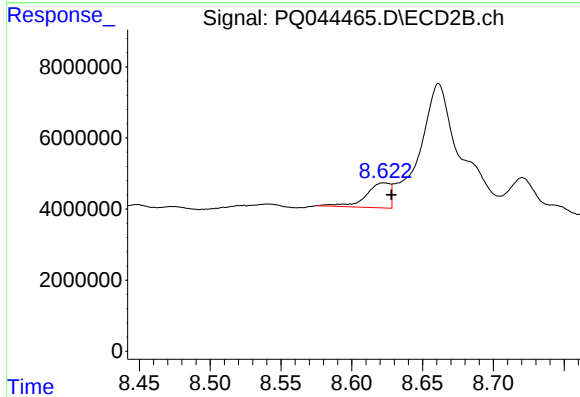
R.T.: 9.205 min
Delta R.T.: -0.005 min
Response: 8190591
Conc: 29.21 ng/ml



#41 AR-1268-1

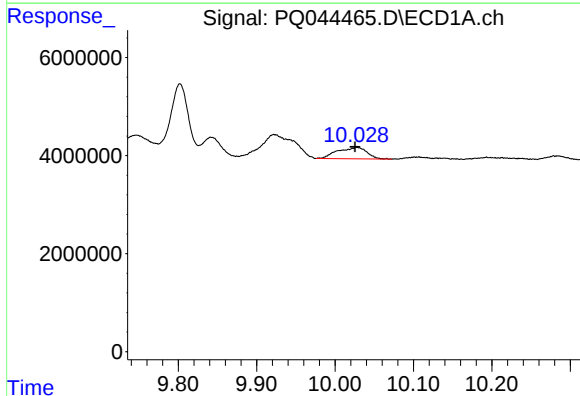
R.T.: 9.922 min
Delta R.T.: 0.002 min
Response: 13193722
Conc: 18.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM7



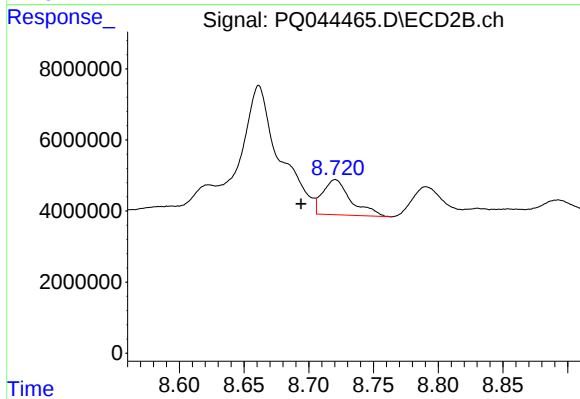
#41 AR-1268-1

R.T.: 8.623 min
Delta R.T.: -0.005 min
Response: 8428958
Conc: 8.74 ng/ml



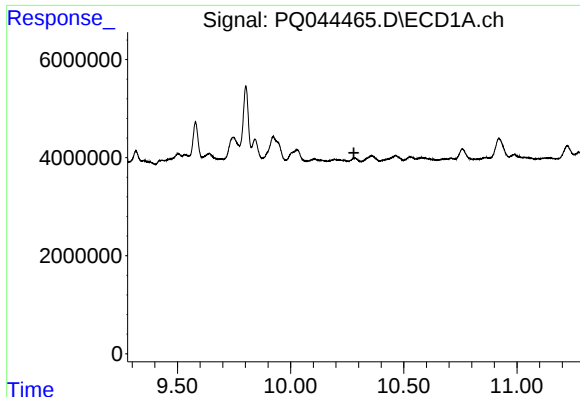
#42 AR-1268-2

R.T.: 10.028 min
Delta R.T.: 0.002 min
Response: 6044593
Conc: 8.89 ng/ml



#42 AR-1268-2

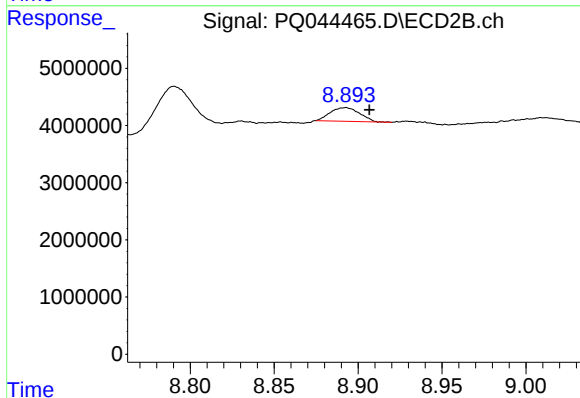
R.T.: 8.721 min
Delta R.T.: 0.027 min
Response: 14975034
Conc: 16.47 ng/ml



#43 AR-1268-3

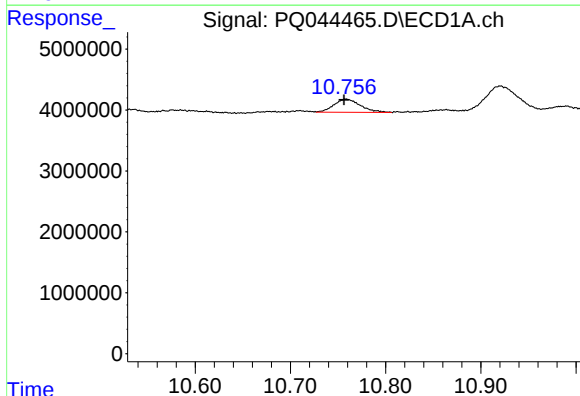
R.T.: 0.000 min
Exp R.T.: 10.280 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BEPM7



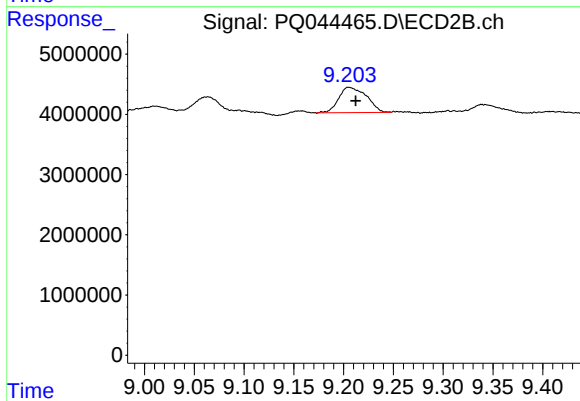
#43 AR-1268-3

R.T.: 8.893 min
Delta R.T.: -0.014 min
Response: 2926906
Conc: 3.86 ng/ml



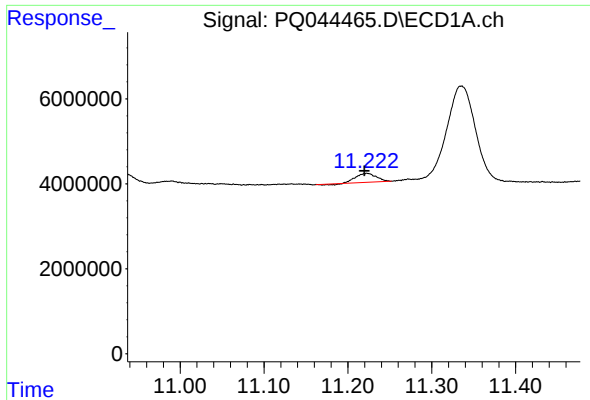
#44 AR-1268-4

R.T.: 10.758 min
Delta R.T.: 0.002 min
Response: 4182600
Conc: 14.52 ng/ml



#44 AR-1268-4

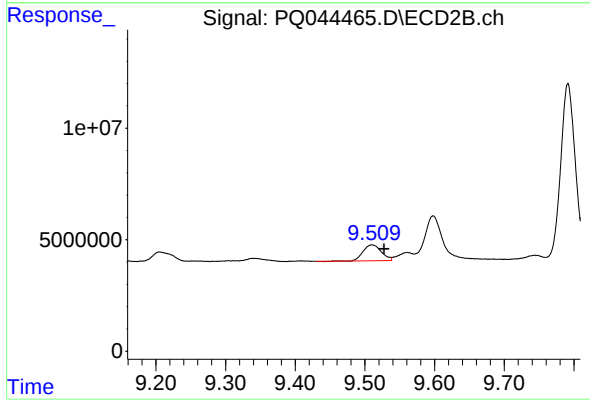
R.T.: 9.205 min
Delta R.T.: -0.007 min
Response: 8190591
Conc: 25.05 ng/ml



#45 AR-1268-5

R.T.: 11.223 min
Delta R.T.: 0.003 min
Response: 3447892
Conc: 1.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM7



#45 AR-1268-5

R.T.: 9.510 min
Delta R.T.: -0.017 min
Response: 13025690
Conc: 5.00 ng/ml