

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101719\
 Data File : PQ044461.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2019 08:27
 Operator : HP\AJ
 Sample : K5236-11
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BEPM1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 09:01:13 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...	5.317	4.349	78295763	81884495	20.139	18.344
2)	SA Decachlor...	11.600	9.793	61245921	74653720	11.432	12.481
Target Compounds							
3)	L1 AR-1016-1	6.663	0.000	7114794	0	62.693	N.D. #
4)	L1 AR-1016-2	6.663	0.000	7114794	0	44.101	N.D. #
5)	L1 AR-1016-3	6.663	5.895	7114794	12754646	69.900	122.222 #
6)	L1 AR-1016-4	6.836	5.895	2660362	12754646	32.197	136.480 #
7)	L1 AR-1016-5	7.154	6.128	10714876	4412124	141.664	36.082 #
10)	L2 AR-1221-3	0.000	4.872	0	16497371	N.D.	157.099 #
11)	L3 AR-1232-1	0.000	4.872	0	16497371	N.D.	178.273 #
12)	L3 AR-1232-2	6.344	0.000	18803335	0	484.061	N.D. #
13)	L3 AR-1232-3	6.663	5.895	7114794	12754646	92.742	258.098 #
14)	L3 AR-1232-4	6.836	5.943	2660362	8576304	70.137	181.849 #
15)	L3 AR-1232-5	6.936	6.128	7748476	4412124	274.814	80.714 #
16)	L4 AR-1242-1	6.663	0.000	7114794	0	72.876	N.D. #
17)	L4 AR-1242-2	6.663	0.000	7114794	0	51.151	N.D. #
18)	L4 AR-1242-3	6.663	5.895	7114794	12754646	80.056	137.905 #
19)	L4 AR-1242-4	6.836	5.943	2660362	8576304	37.244	87.257 #
20)	L4 AR-1242-5	7.625	6.515	10844167	26202286	142.639	205.629 #
21)	L5 AR-1248-1	6.663	0.000	7114794	0	96.962	N.D. #
22)	L5 AR-1248-2	6.936	5.895	7748476	12754646	78.220	92.021
23)	L5 AR-1248-3	7.154	5.943	10714876	8576304	99.213	60.642 #
24)	L5 AR-1248-4	7.586	6.128	5560696	4412124	44.167	25.687 #
25)	L5 AR-1248-5	7.625	6.559	10844167	12078211	89.563	72.143
26)	L6 AR-1254-1	7.555	6.515	11371242	26202286	84.508	89.836
27)	L6 AR-1254-2	7.785	6.673	26436932	25033190	123.754	95.876
28)	L6 AR-1254-3	8.173	7.102	27797993	96354782	112.978	220.538 #
29)	L6 AR-1254-4	8.468	7.340	23822819	35736829	118.782	133.036
30)	L6 AR-1254-5	8.902	7.776	60097749	120.2E6	251.093	300.631
31)	L7 AR-1260-1	8.340	7.239	24802946	56063218	164.767	230.577 #
32)	L7 AR-1260-2	8.601	7.437	68470612	106.3E6	347.900	352.239
33)	L7 AR-1260-3	8.980	7.595	19848256	51330572	123.794	182.399 #
34)	L7 AR-1260-4	9.224	8.083	29784528	32568546	152.542	129.461
35)	L7 AR-1260-5	9.581	8.330	56265138	93105046	123.069	145.266
36)	L8 AR-1262-1	9.039	7.776	12842413	120.2E6	118.246	616.001 #
37)	L8 AR-1262-2	9.581	8.330	56265138	93105046	97.703	117.677
38)	L8 AR-1262-3	9.948	8.618	42392218	38975032	102.184	122.894
39)	L8 AR-1262-4	10.005	8.685	24585785	67196877	78.045	110.260 #
40)	L8 AR-1262-5	10.759	9.205	8078984	29781319	31.783	106.212 #
41)	L9 AR-1268-1	9.948	8.618	42392218	38975032	59.285	40.409 #
42)	L9 AR-1268-2	10.005	8.685	24585785	67196877	36.178	73.894 #
43)	L9 AR-1268-3	10.223	8.888	41687405	16818276	72.629	22.203 #

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 ClientSampleId :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 09:01:13 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

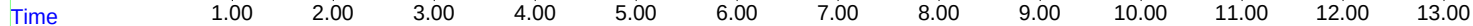
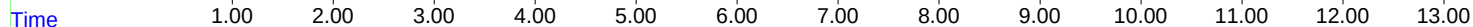
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

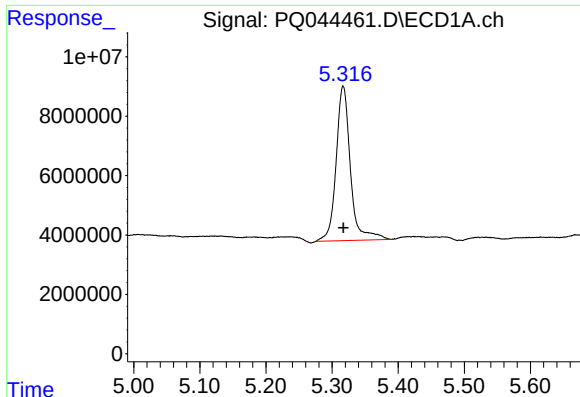
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	10.759	9.205	8078984	29781319	28.042	91.077 #
45) L9	AR-1268-5	11.225	9.517	10609993	15316424	4.880	5.880

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

Instrument :
ECD_Q
ClientSampleId :
BEPM1

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

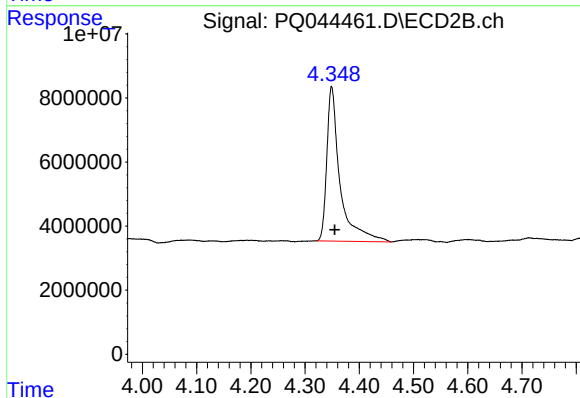




#1 Tetrachloro-m-xylene

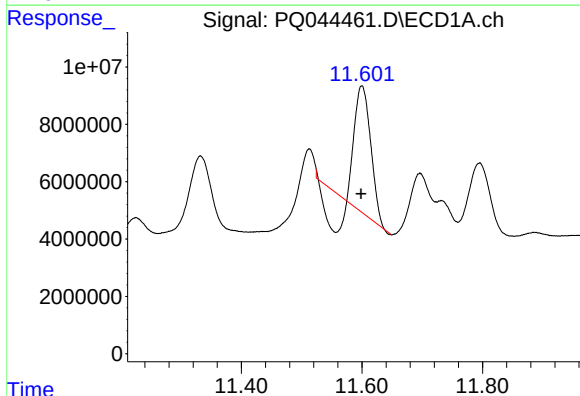
R.T.: 5.317 min
Delta R.T.: 0.000 min
Response: 78295763
Conc: 20.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM1



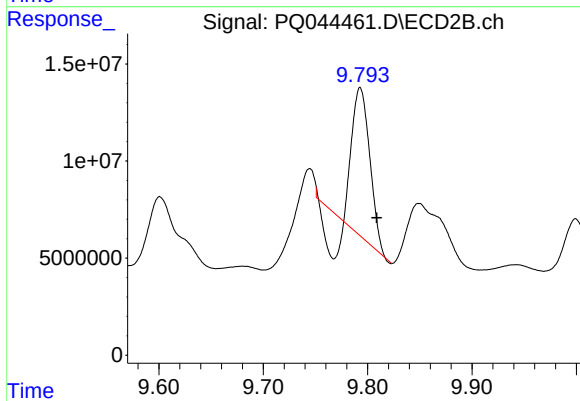
#1 Tetrachloro-m-xylene

R.T.: 4.349 min
Delta R.T.: -0.006 min
Response: 81884495
Conc: 18.34 ng/ml



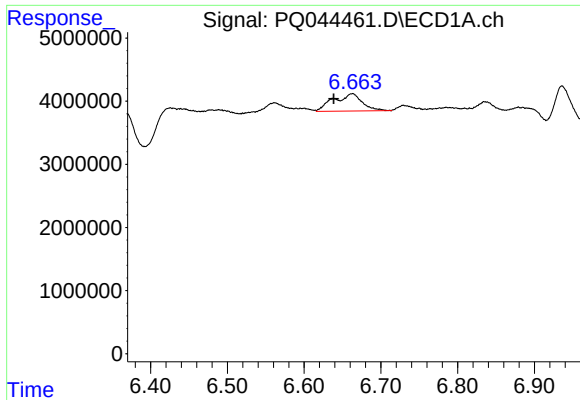
#2 Decachlorobiphenyl

R.T.: 11.600 min
Delta R.T.: 0.001 min
Response: 61245921
Conc: 11.43 ng/ml



#2 Decachlorobiphenyl

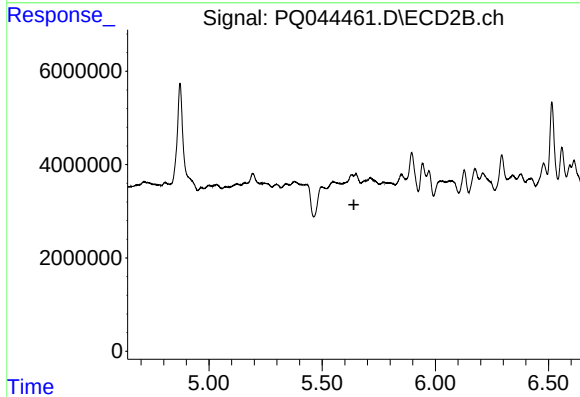
R.T.: 9.793 min
Delta R.T.: -0.016 min
Response: 74653720
Conc: 12.48 ng/ml



#3 AR-1016-1

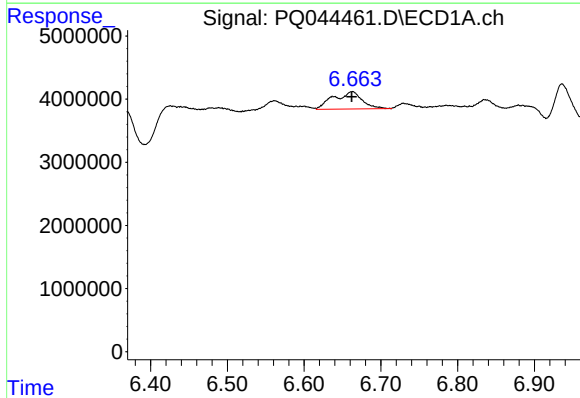
R.T.: 6.663 min
Delta R.T.: 0.024 min
Response: 7114794
Conc: 62.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM1



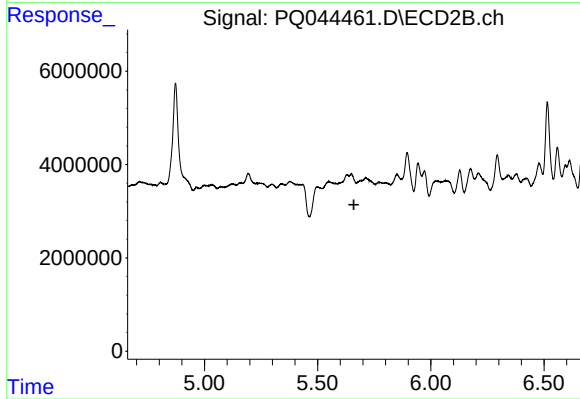
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.640 min
Response: 0
Conc: N.D.



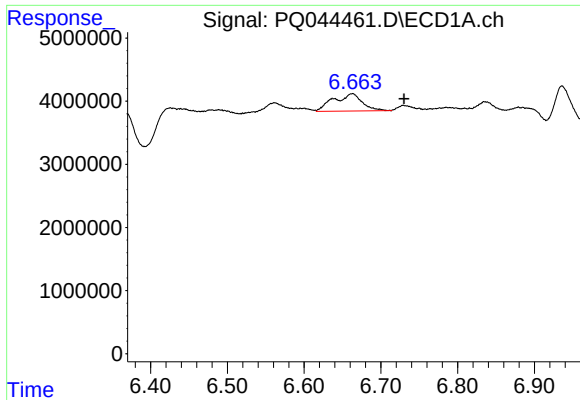
#4 AR-1016-2

R.T.: 6.663 min
Delta R.T.: 0.000 min
Response: 7114794
Conc: 44.10 ng/ml



#4 AR-1016-2

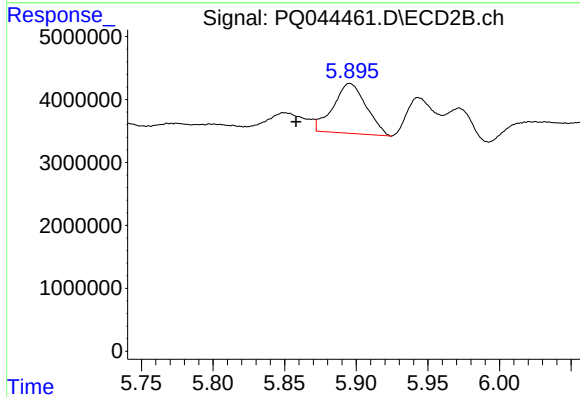
R.T.: 0.000 min
Exp R.T. : 5.660 min
Response: 0
Conc: N.D.



#5 AR-1016-3

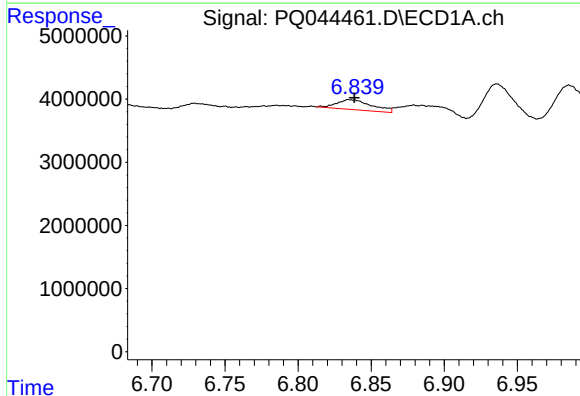
R.T.: 6.663 min
Delta R.T.: -0.068 min
Response: 7114794
Conc: 69.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM1



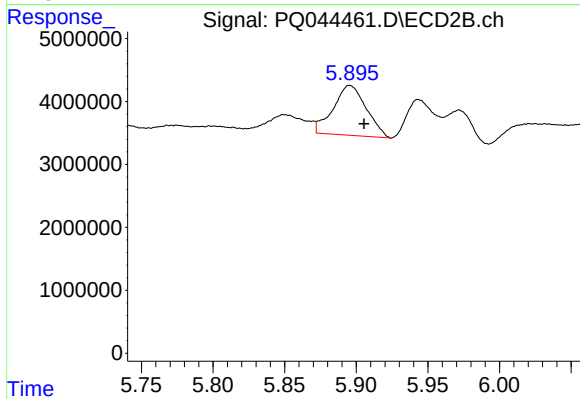
#5 AR-1016-3

R.T.: 5.895 min
Delta R.T.: 0.038 min
Response: 12754646
Conc: 122.22 ng/ml



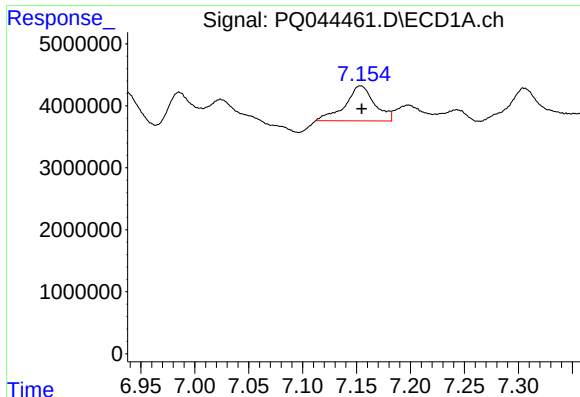
#6 AR-1016-4

R.T.: 6.836 min
Delta R.T.: -0.002 min
Response: 2660362
Conc: 32.20 ng/ml



#6 AR-1016-4

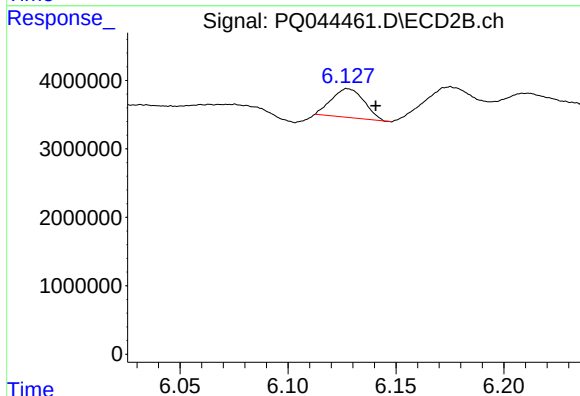
R.T.: 5.895 min
Delta R.T.: -0.010 min
Response: 12754646
Conc: 136.48 ng/ml



#7 AR-1016-5

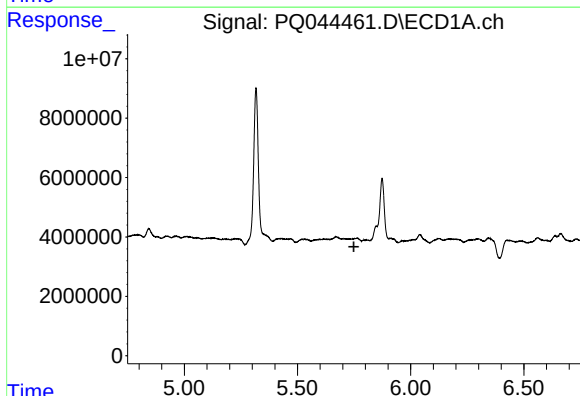
R.T.: 7.154 min
Delta R.T.: 0.000 min
Response: 10714876
Conc: 141.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM1



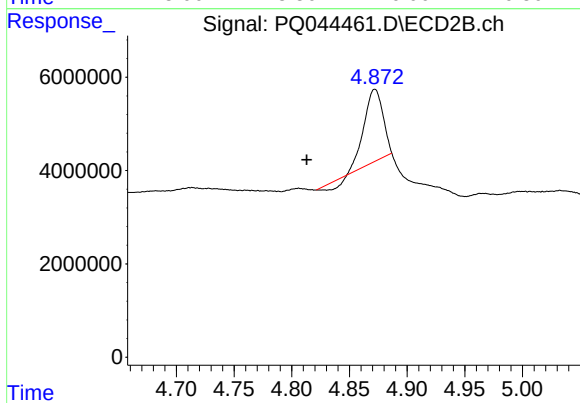
#7 AR-1016-5

R.T.: 6.128 min
Delta R.T.: -0.013 min
Response: 4412124
Conc: 36.08 ng/ml



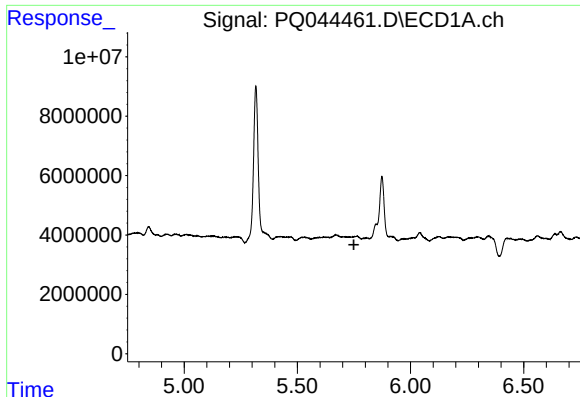
#10 AR-1221-3

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



#10 AR-1221-3

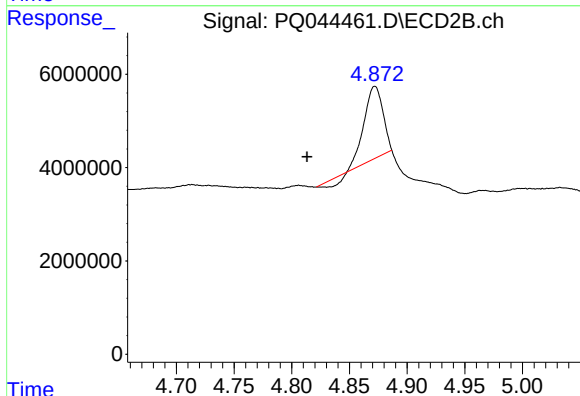
R.T.: 4.872 min
Delta R.T.: 0.059 min
Response: 16497371
Conc: 157.10 ng/ml



#11 AR-1232-1

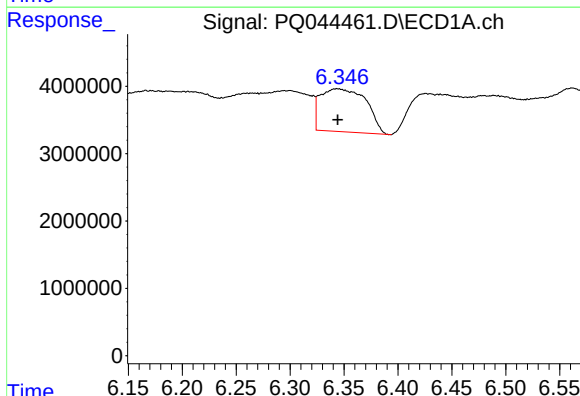
R.T.: 0.000 min
Exp R.T.: 5.750 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BEPM1



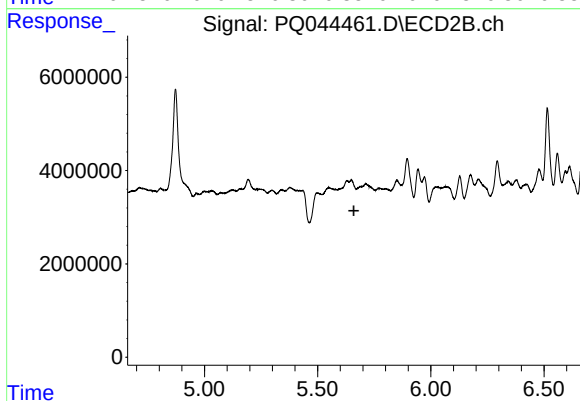
#11 AR-1232-1

R.T.: 4.872 min
Delta R.T.: 0.059 min
Response: 16497371
Conc: 178.27 ng/ml



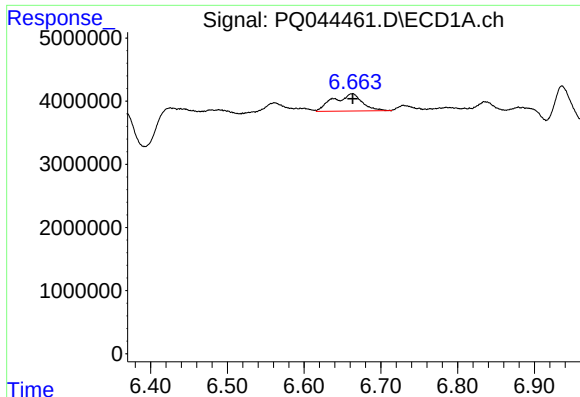
#12 AR-1232-2

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 18803335
Conc: 484.06 ng/ml



#12 AR-1232-2

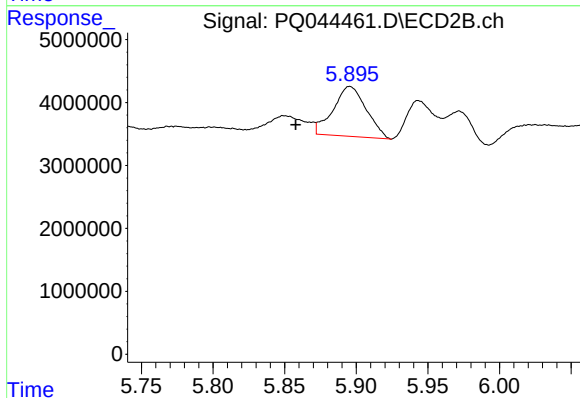
R.T.: 0.000 min
Exp R.T.: 5.660 min
Response: 0
Conc: N.D.



#13 AR-1232-3

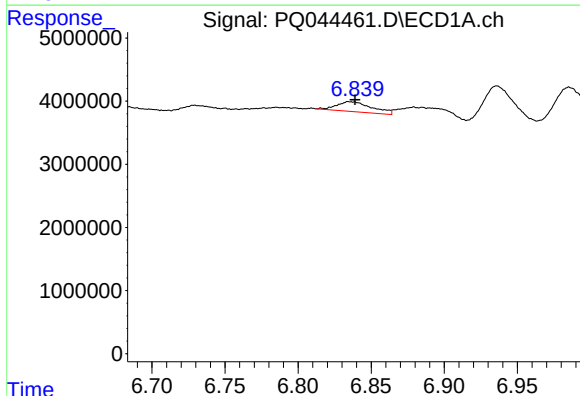
R.T.: 6.663 min
Delta R.T.: 0.000 min
Response: 7114794
Conc: 92.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM1



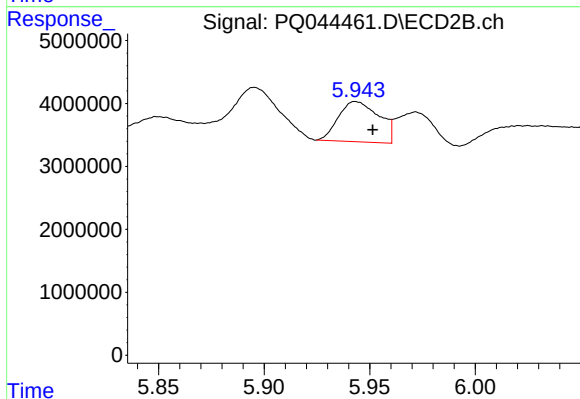
#13 AR-1232-3

R.T.: 5.895 min
Delta R.T.: 0.038 min
Response: 12754646
Conc: 258.10 ng/ml



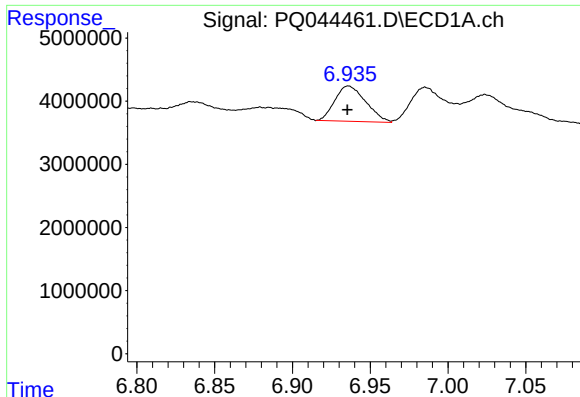
#14 AR-1232-4

R.T.: 6.836 min
Delta R.T.: -0.002 min
Response: 2660362
Conc: 70.14 ng/ml



#14 AR-1232-4

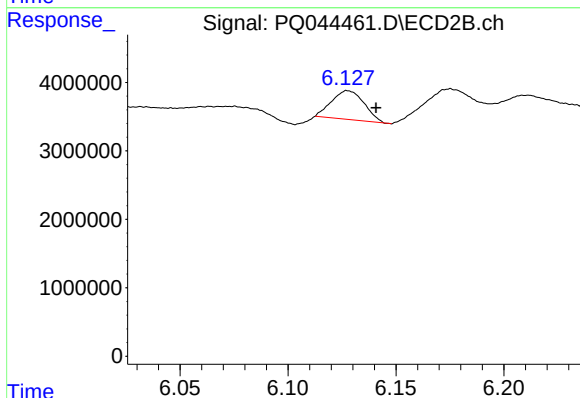
R.T.: 5.943 min
Delta R.T.: -0.008 min
Response: 8576304
Conc: 181.85 ng/ml



#15 AR-1232-5

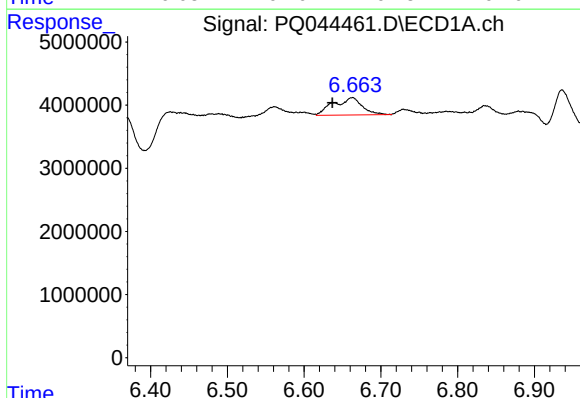
R.T.: 6.936 min
Delta R.T.: 0.001 min
Response: 7748476
Conc: 274.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM1



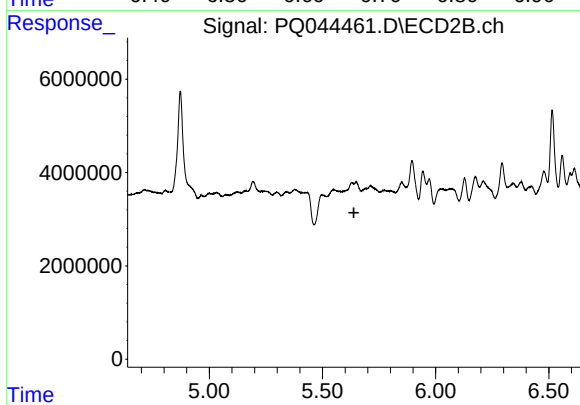
#15 AR-1232-5

R.T.: 6.128 min
Delta R.T.: -0.013 min
Response: 4412124
Conc: 80.71 ng/ml



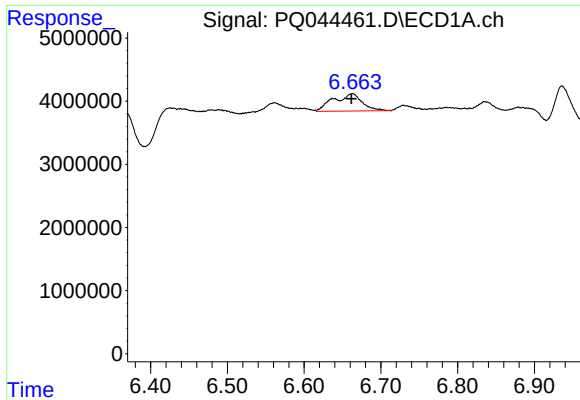
#16 AR-1242-1

R.T.: 6.663 min
Delta R.T.: 0.026 min
Response: 7114794
Conc: 72.88 ng/ml



#16 AR-1242-1

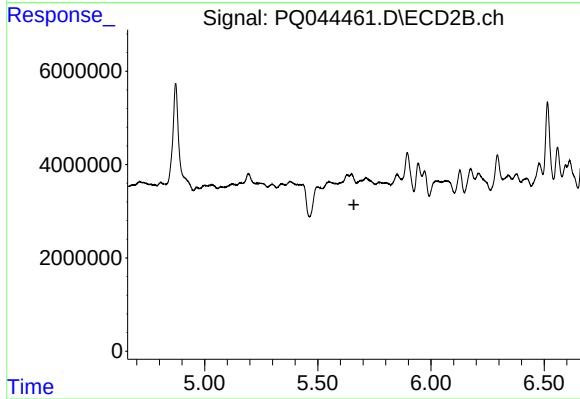
R.T.: 0.000 min
Exp R.T.: 5.639 min
Response: 0
Conc: N.D.



#17 AR-1242-2

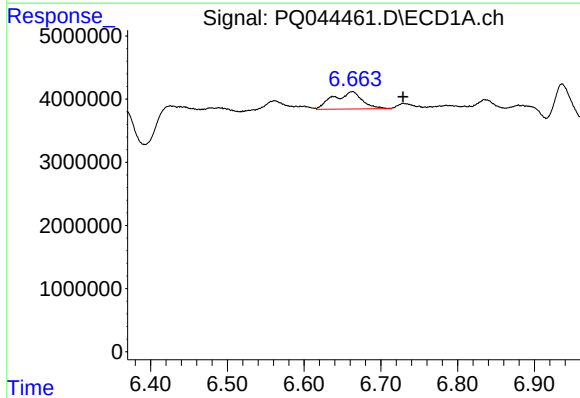
R.T.: 6.663 min
Delta R.T.: 0.000 min
Response: 7114794
Conc: 51.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM1



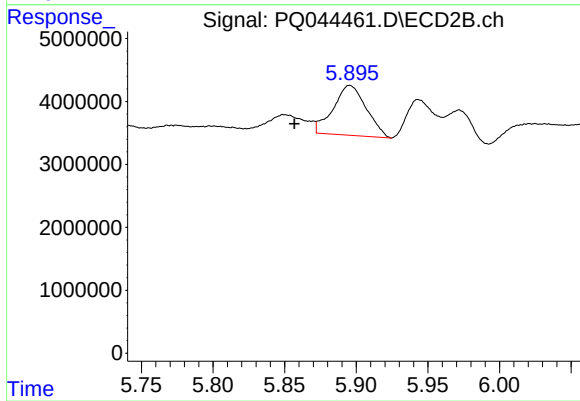
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.659 min
Response: 0
Conc: N.D.



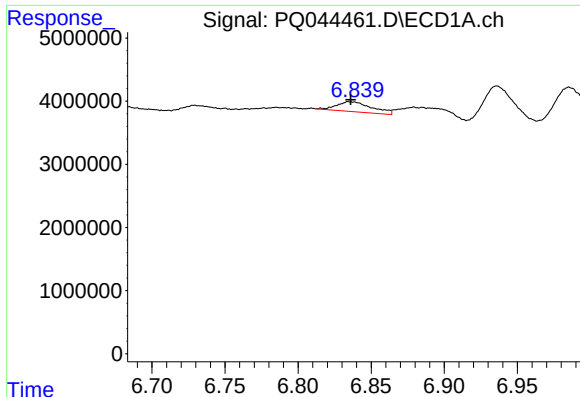
#18 AR-1242-3

R.T.: 6.663 min
Delta R.T.: -0.066 min
Response: 7114794
Conc: 80.06 ng/ml



#18 AR-1242-3

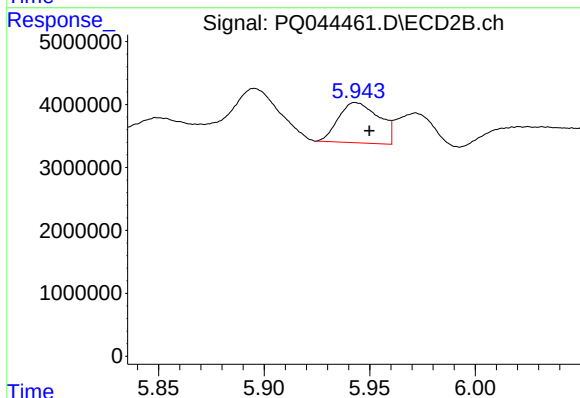
R.T.: 5.895 min
Delta R.T.: 0.039 min
Response: 12754646
Conc: 137.91 ng/ml



#19 AR-1242-4

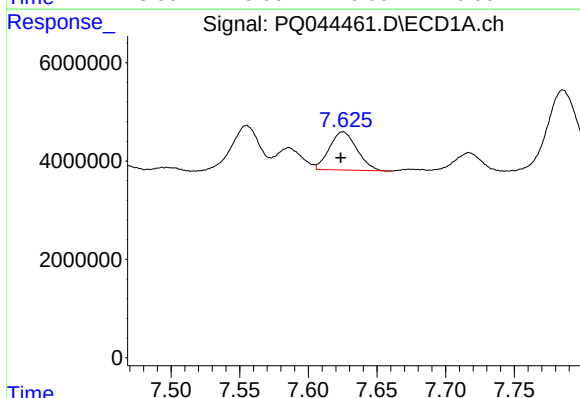
R.T.: 6.836 min
Delta R.T.: 0.000 min
Response: 2660362
Conc: 37.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM1



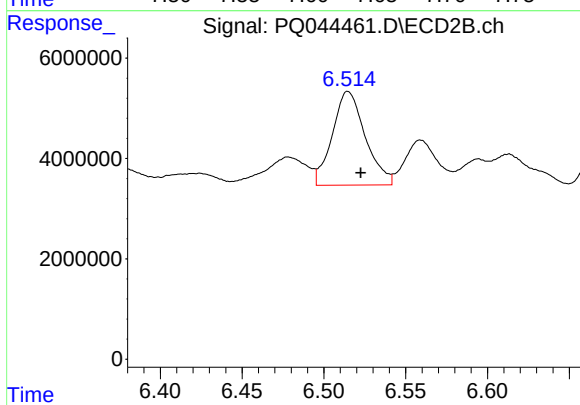
#19 AR-1242-4

R.T.: 5.943 min
Delta R.T.: -0.006 min
Response: 8576304
Conc: 87.26 ng/ml



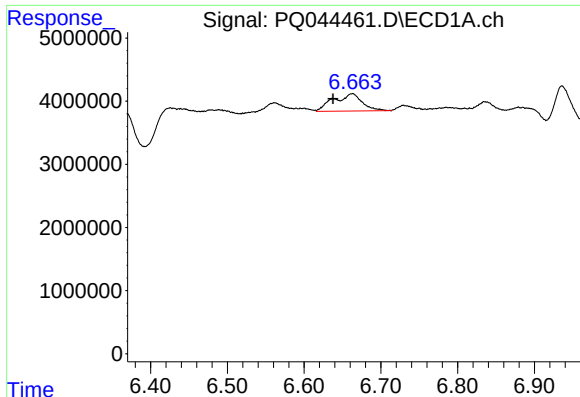
#20 AR-1242-5

R.T.: 7.625 min
Delta R.T.: 0.002 min
Response: 10844167
Conc: 142.64 ng/ml



#20 AR-1242-5

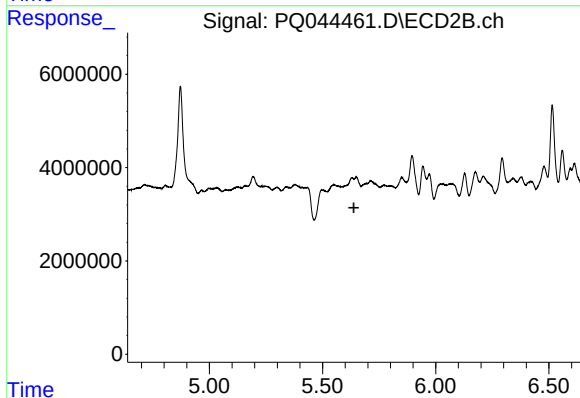
R.T.: 6.515 min
Delta R.T.: -0.008 min
Response: 26202286
Conc: 205.63 ng/ml



#21 AR-1248-1

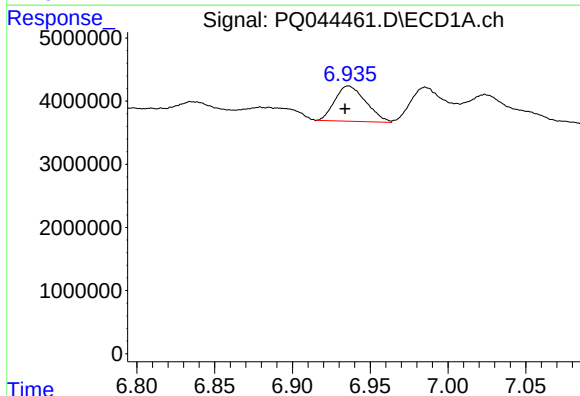
R.T.: 6.663 min
Delta R.T.: 0.025 min
Response: 7114794
Conc: 96.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM1



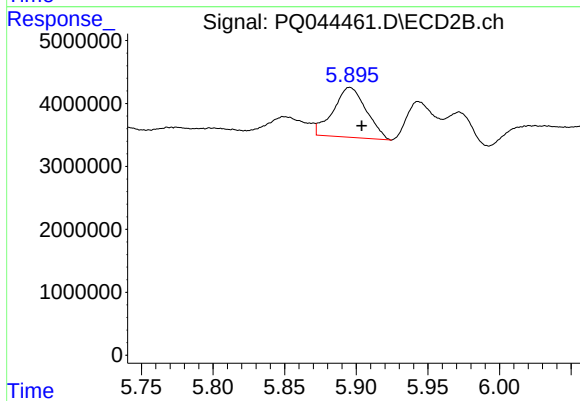
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.638 min
Response: 0
Conc: N.D.



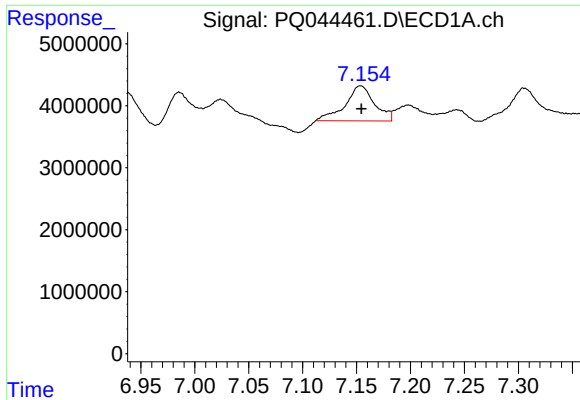
#22 AR-1248-2

R.T.: 6.936 min
Delta R.T.: 0.003 min
Response: 7748476
Conc: 78.22 ng/ml



#22 AR-1248-2

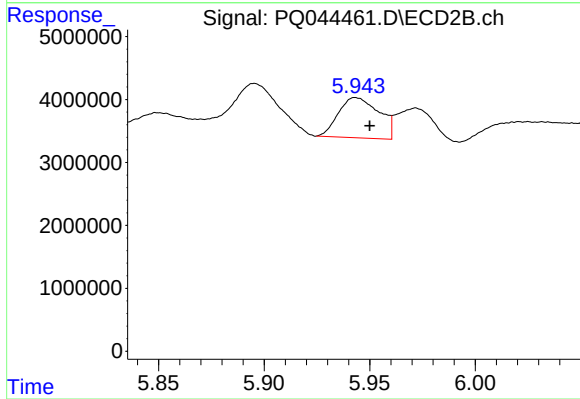
R.T.: 5.895 min
Delta R.T.: -0.008 min
Response: 12754646
Conc: 92.02 ng/ml



#23 AR-1248-3

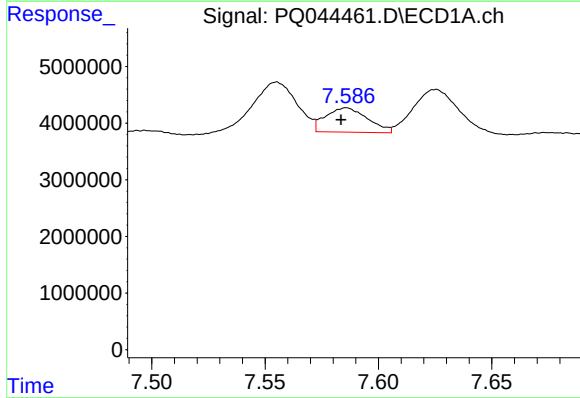
R.T.: 7.154 min
Delta R.T.: 0.000 min
Response: 10714876
Conc: 99.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM1



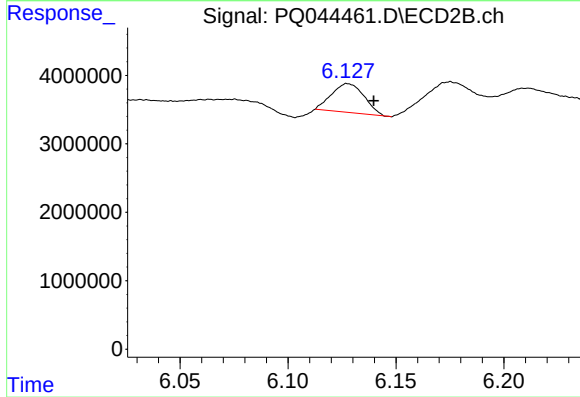
#23 AR-1248-3

R.T.: 5.943 min
Delta R.T.: -0.007 min
Response: 8576304
Conc: 60.64 ng/ml



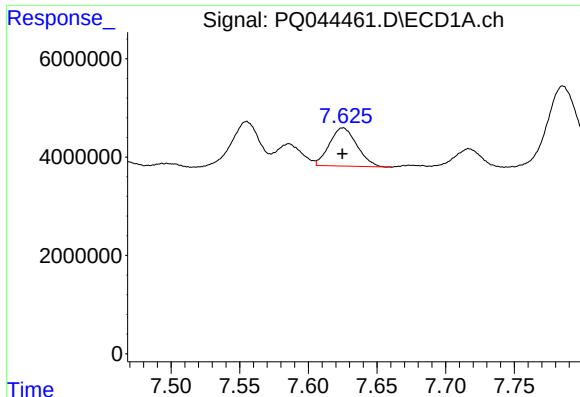
#24 AR-1248-4

R.T.: 7.586 min
Delta R.T.: 0.002 min
Response: 5560696
Conc: 44.17 ng/ml



#24 AR-1248-4

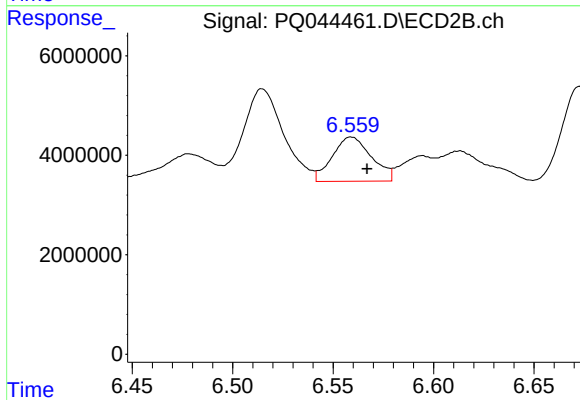
R.T.: 6.128 min
Delta R.T.: -0.012 min
Response: 4412124
Conc: 25.69 ng/ml



#25 AR-1248-5

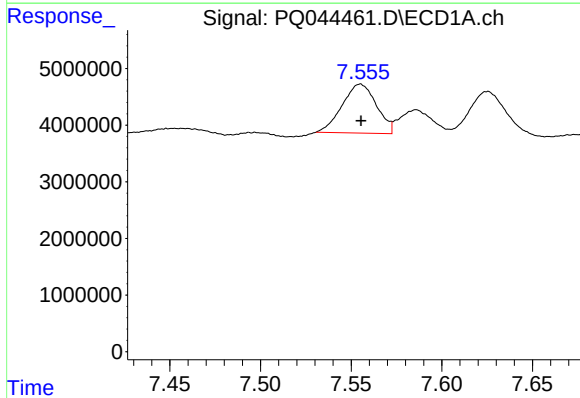
R.T.: 7.625 min
Delta R.T.: 0.000 min
Response: 10844167
Conc: 89.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM1



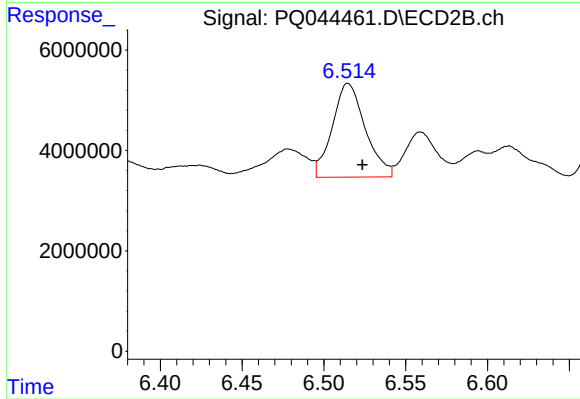
#25 AR-1248-5

R.T.: 6.559 min
Delta R.T.: -0.008 min
Response: 12078211
Conc: 72.14 ng/ml



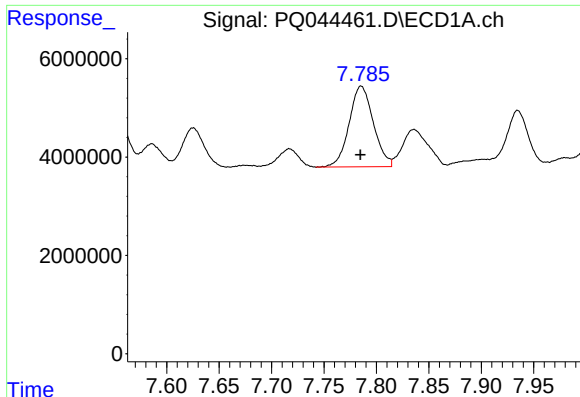
#26 AR-1254-1

R.T.: 7.555 min
Delta R.T.: 0.000 min
Response: 11371242
Conc: 84.51 ng/ml



#26 AR-1254-1

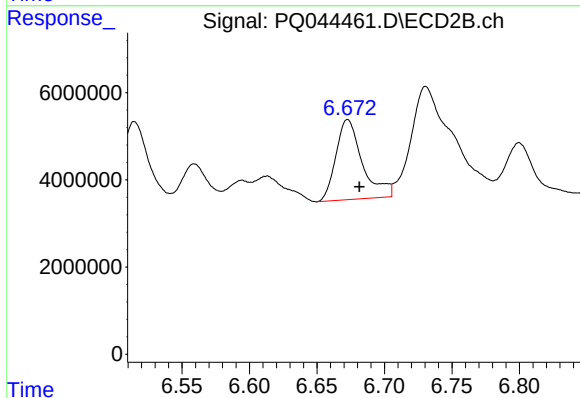
R.T.: 6.515 min
Delta R.T.: -0.009 min
Response: 26202286
Conc: 89.84 ng/ml



#27 AR-1254-2

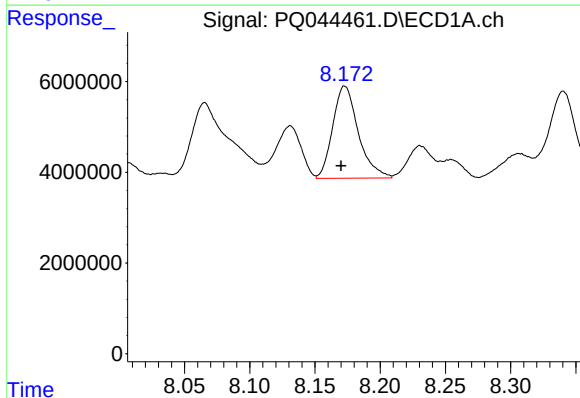
R.T.: 7.785 min
Delta R.T.: 0.000 min
Response: 26436932
Conc: 123.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM1



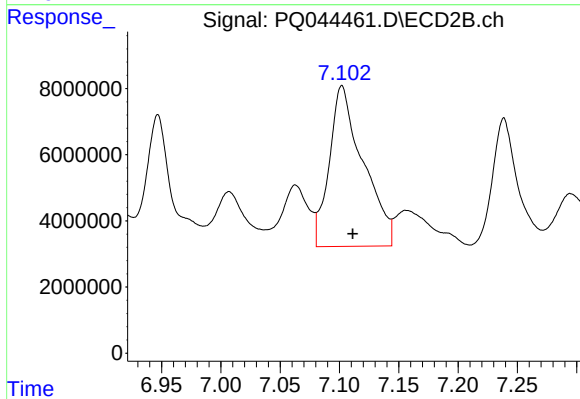
#27 AR-1254-2

R.T.: 6.673 min
Delta R.T.: -0.009 min
Response: 25033190
Conc: 95.88 ng/ml



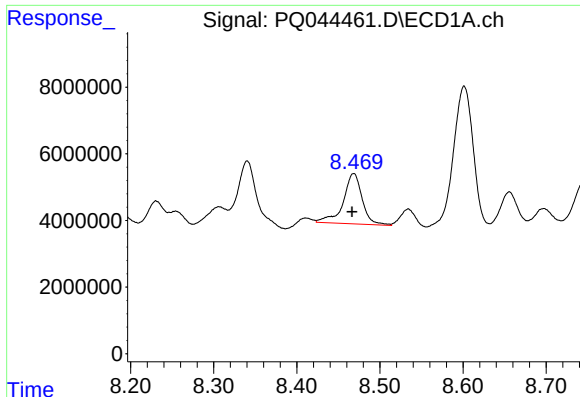
#28 AR-1254-3

R.T.: 8.173 min
Delta R.T.: 0.003 min
Response: 27797993
Conc: 112.98 ng/ml



#28 AR-1254-3

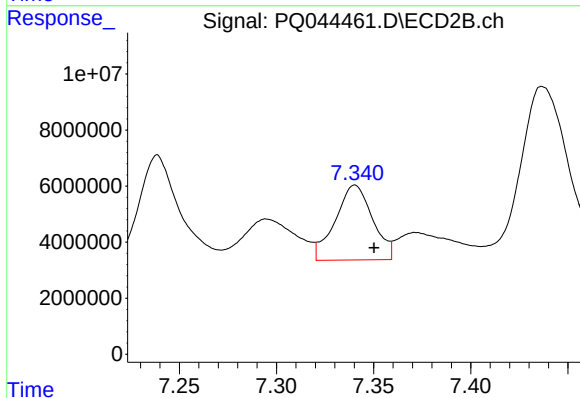
R.T.: 7.102 min
Delta R.T.: -0.009 min
Response: 96354782
Conc: 220.54 ng/ml



#29 AR-1254-4

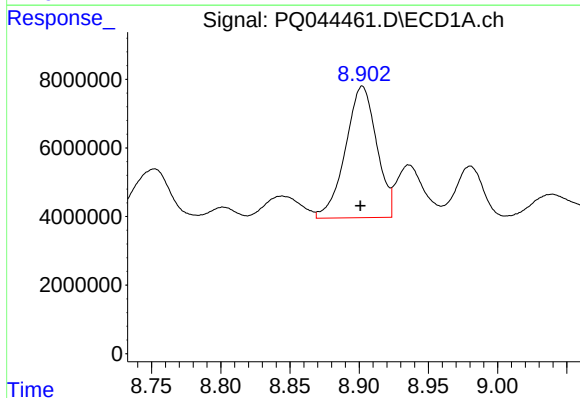
R.T.: 8.468 min
Delta R.T.: 0.002 min
Response: 23822819
Conc: 118.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM1



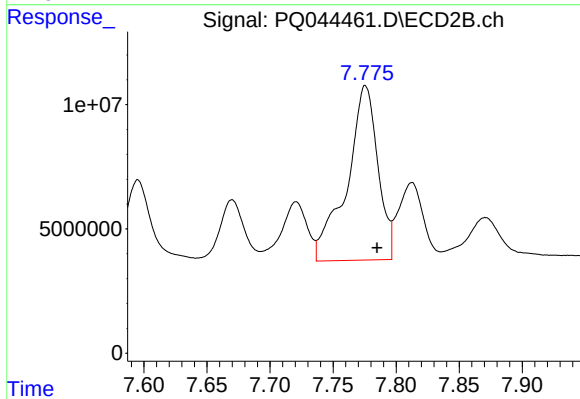
#29 AR-1254-4

R.T.: 7.340 min
Delta R.T.: -0.010 min
Response: 35736829
Conc: 133.04 ng/ml



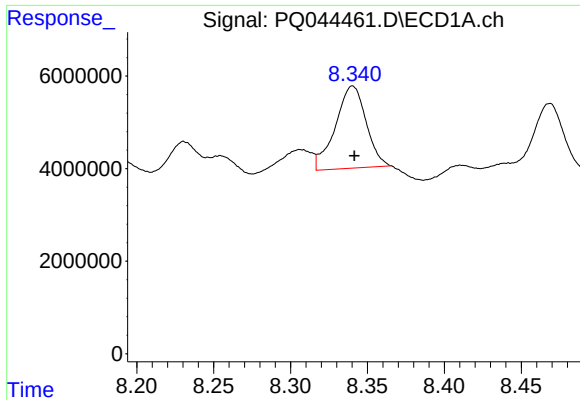
#30 AR-1254-5

R.T.: 8.902 min
Delta R.T.: 0.001 min
Response: 60097749
Conc: 251.09 ng/ml



#30 AR-1254-5

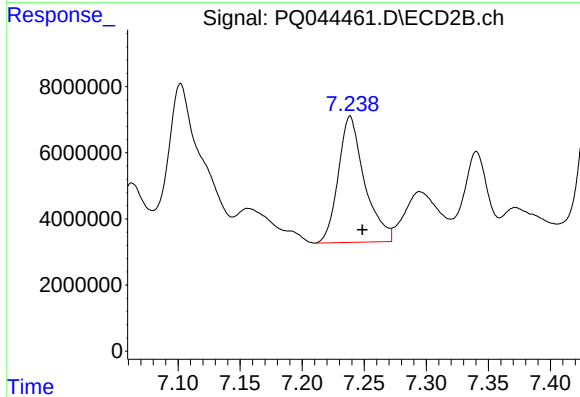
R.T.: 7.776 min
Delta R.T.: -0.009 min
Response: 120211287
Conc: 300.63 ng/ml



#31 AR-1260-1

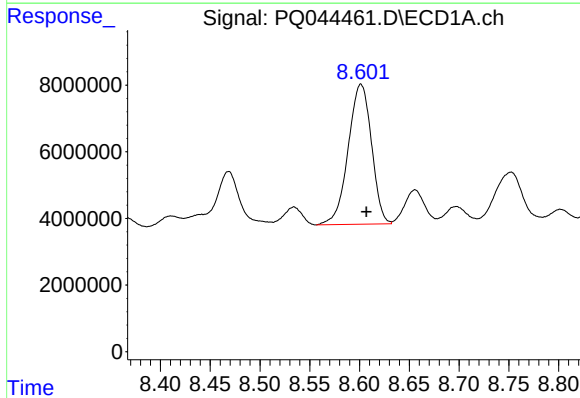
R.T.: 8.340 min
Delta R.T.: -0.001 min
Response: 24802946
Conc: 164.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM1



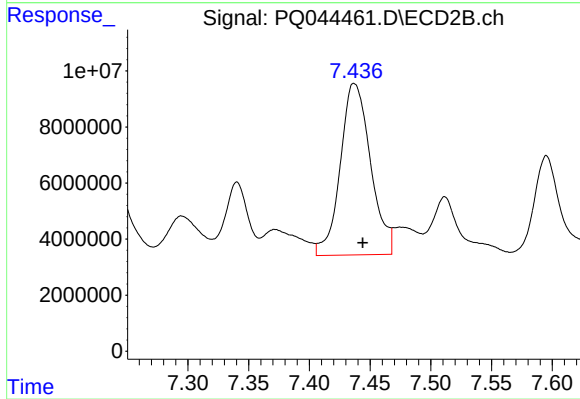
#31 AR-1260-1

R.T.: 7.239 min
Delta R.T.: -0.010 min
Response: 56063218
Conc: 230.58 ng/ml



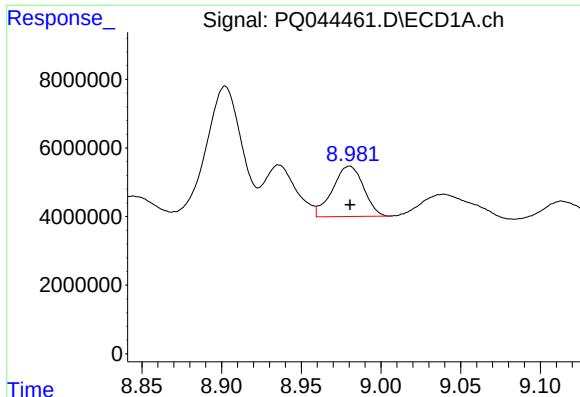
#32 AR-1260-2

R.T.: 8.601 min
Delta R.T.: -0.006 min
Response: 68470612
Conc: 347.90 ng/ml



#32 AR-1260-2

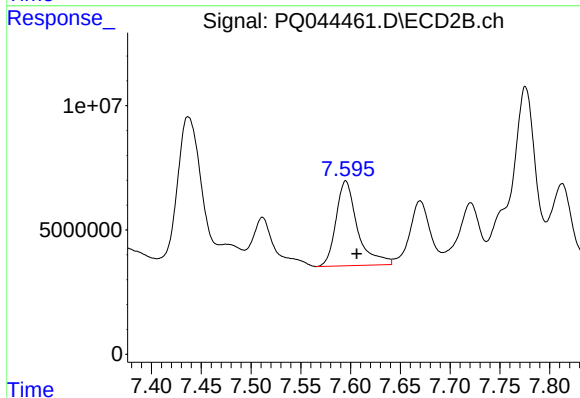
R.T.: 7.437 min
Delta R.T.: -0.007 min
Response: 106325135
Conc: 352.24 ng/ml



#33 AR-1260-3

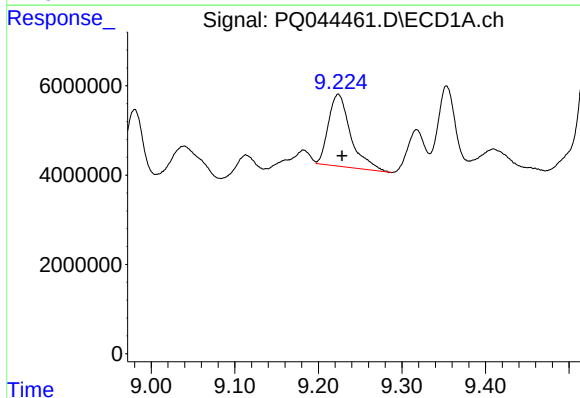
R.T.: 8.980 min
Delta R.T.: 0.000 min
Response: 19848256
Conc: 123.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM1



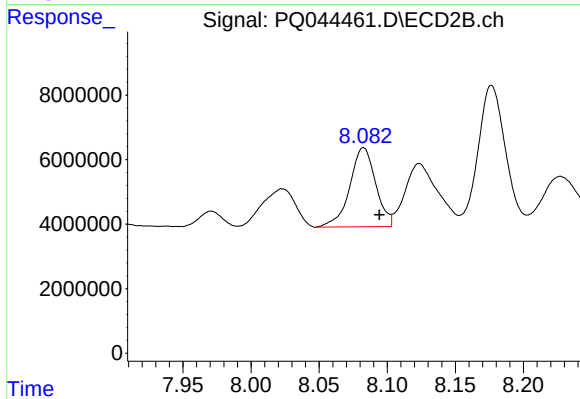
#33 AR-1260-3

R.T.: 7.595 min
Delta R.T.: -0.011 min
Response: 51330572
Conc: 182.40 ng/ml



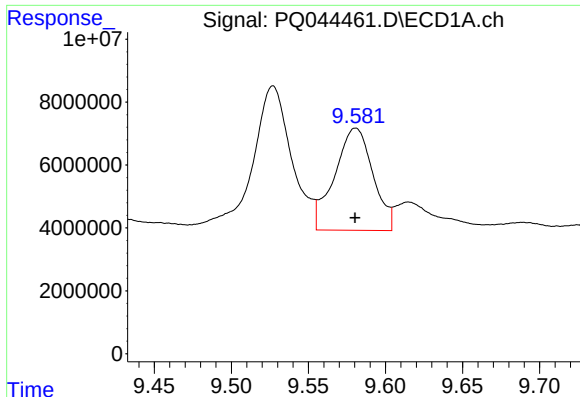
#34 AR-1260-4

R.T.: 9.224 min
Delta R.T.: -0.005 min
Response: 29784528
Conc: 152.54 ng/ml



#34 AR-1260-4

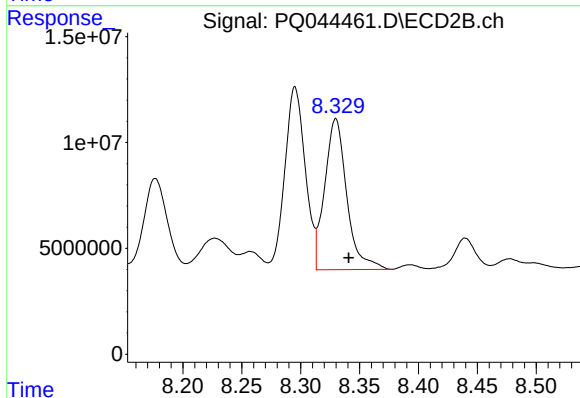
R.T.: 8.083 min
Delta R.T.: -0.012 min
Response: 32568546
Conc: 129.46 ng/ml



#35 AR-1260-5

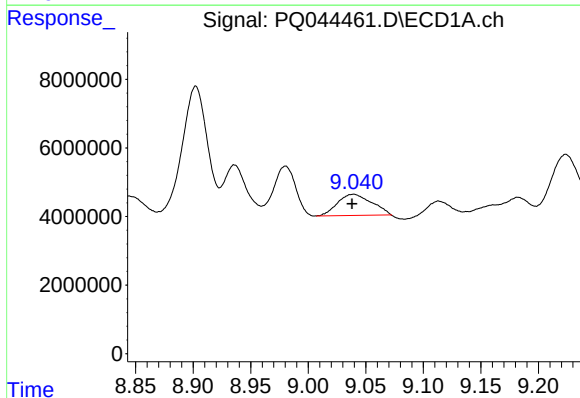
R.T.: 9.581 min
Delta R.T.: 0.000 min
Response: 56265138
Conc: 123.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM1



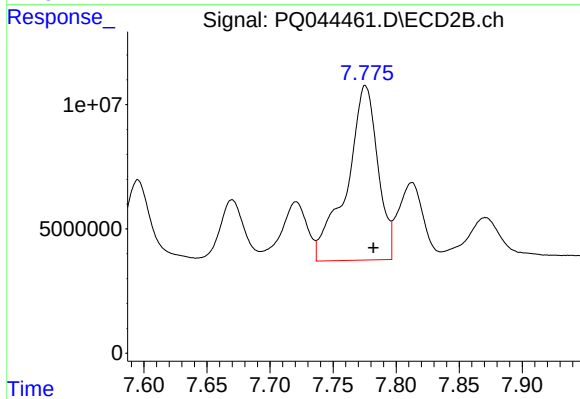
#35 AR-1260-5

R.T.: 8.330 min
Delta R.T.: -0.011 min
Response: 93105046
Conc: 145.27 ng/ml



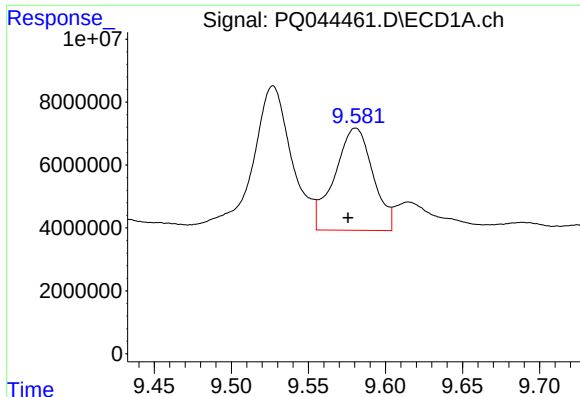
#36 AR-1262-1

R.T.: 9.039 min
Delta R.T.: 0.001 min
Response: 12842413
Conc: 118.25 ng/ml



#36 AR-1262-1

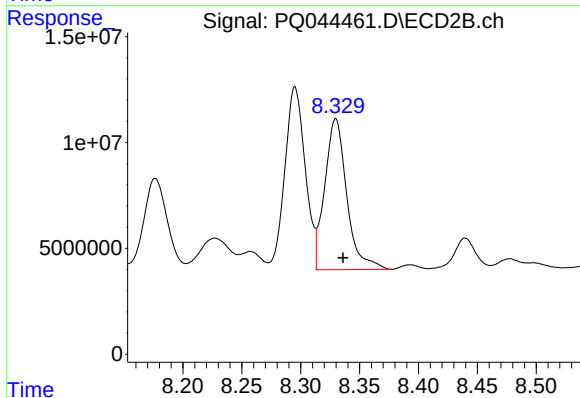
R.T.: 7.776 min
Delta R.T.: -0.006 min
Response: 120211287
Conc: 616.00 ng/ml



#37 AR-1262-2

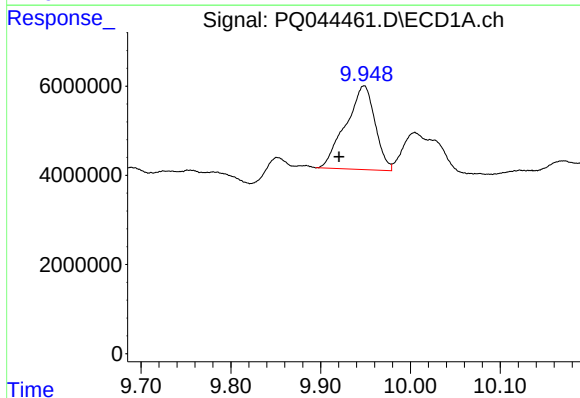
R.T.: 9.581 min
Delta R.T.: 0.005 min
Response: 56265138
Conc: 97.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM1



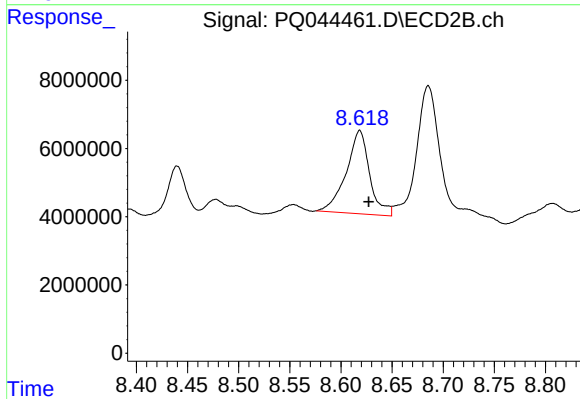
#37 AR-1262-2

R.T.: 8.330 min
Delta R.T.: -0.006 min
Response: 93105046
Conc: 117.68 ng/ml



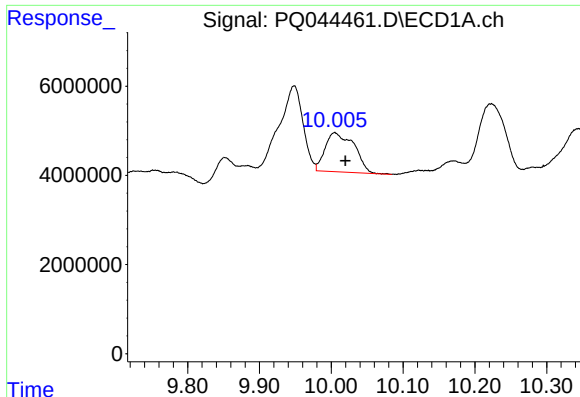
#38 AR-1262-3

R.T.: 9.948 min
Delta R.T.: 0.028 min
Response: 42392218
Conc: 102.18 ng/ml



#38 AR-1262-3

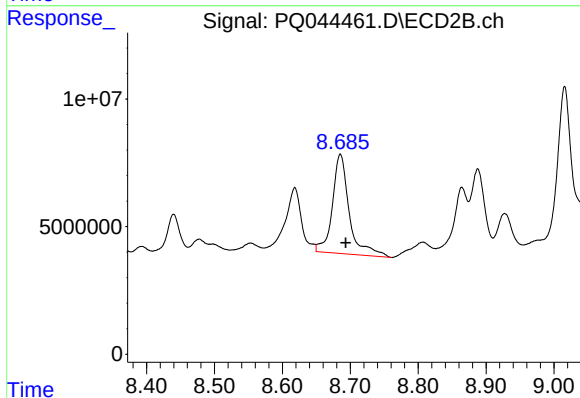
R.T.: 8.618 min
Delta R.T.: -0.009 min
Response: 38975032
Conc: 122.89 ng/ml



#39 AR-1262-4

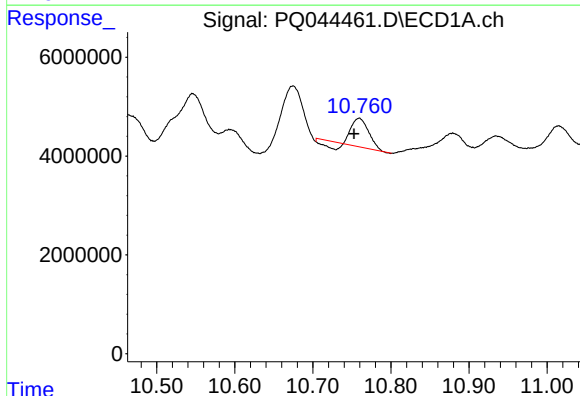
R.T.: 10.005 min
Delta R.T.: -0.015 min
Response: 24585785
Conc: 78.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM1



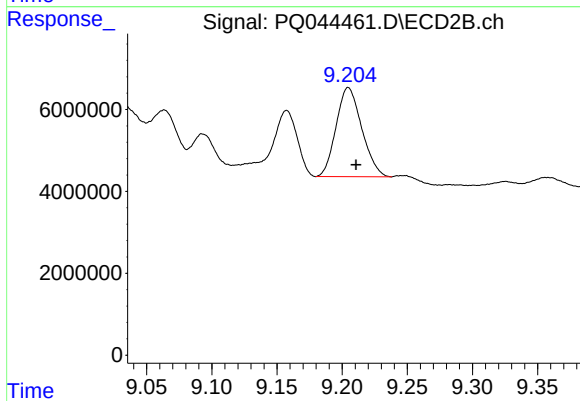
#39 AR-1262-4

R.T.: 8.685 min
Delta R.T.: -0.008 min
Response: 67196877
Conc: 110.26 ng/ml



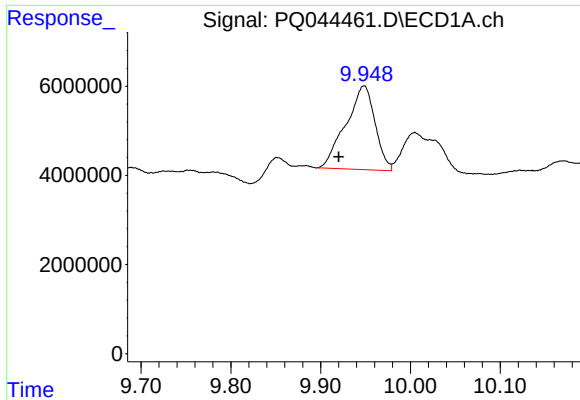
#40 AR-1262-5

R.T.: 10.759 min
Delta R.T.: 0.006 min
Response: 8078984
Conc: 31.78 ng/ml



#40 AR-1262-5

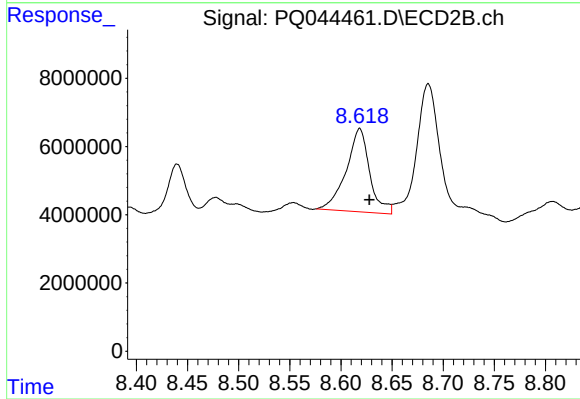
R.T.: 9.205 min
Delta R.T.: -0.006 min
Response: 29781319
Conc: 106.21 ng/ml



#41 AR-1268-1

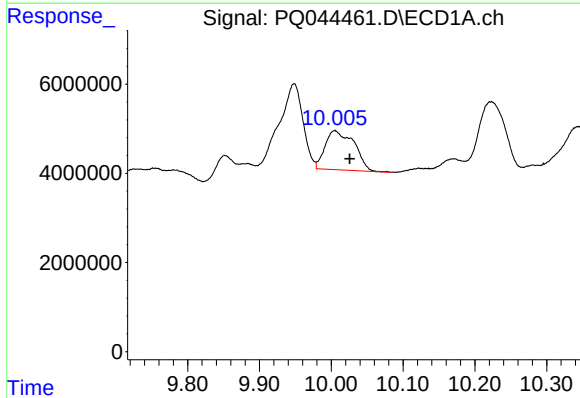
R.T.: 9.948 min
Delta R.T.: 0.028 min
Response: 42392218
Conc: 59.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM1



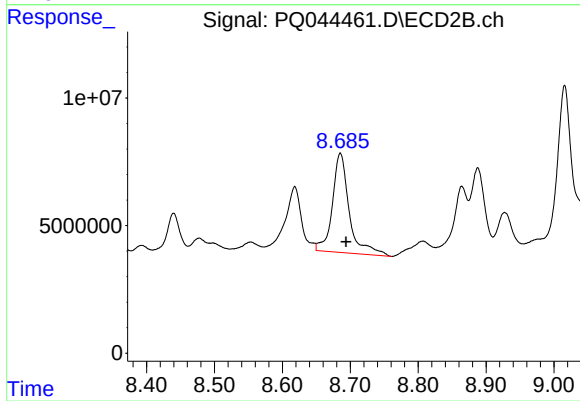
#41 AR-1268-1

R.T.: 8.618 min
Delta R.T.: -0.010 min
Response: 38975032
Conc: 40.41 ng/ml



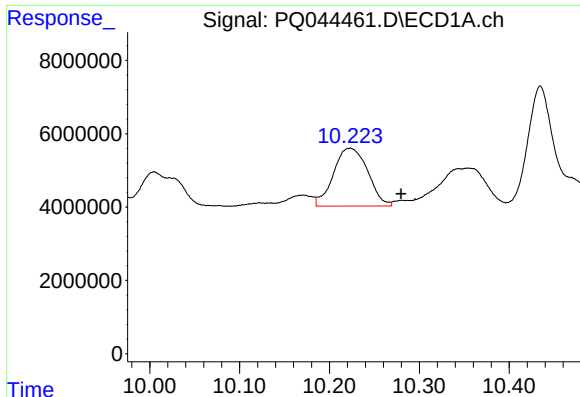
#42 AR-1268-2

R.T.: 10.005 min
Delta R.T.: -0.021 min
Response: 24585785
Conc: 36.18 ng/ml



#42 AR-1268-2

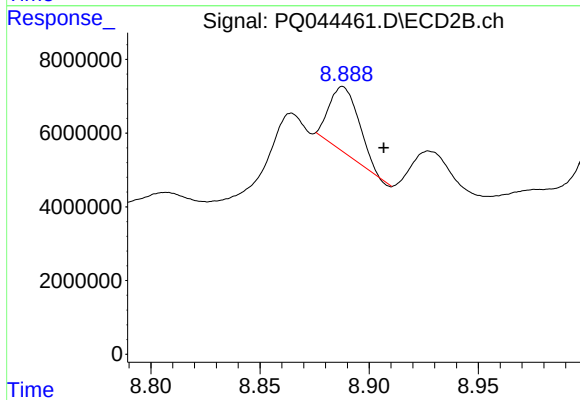
R.T.: 8.685 min
Delta R.T.: -0.008 min
Response: 67196877
Conc: 73.89 ng/ml



#43 AR-1268-3

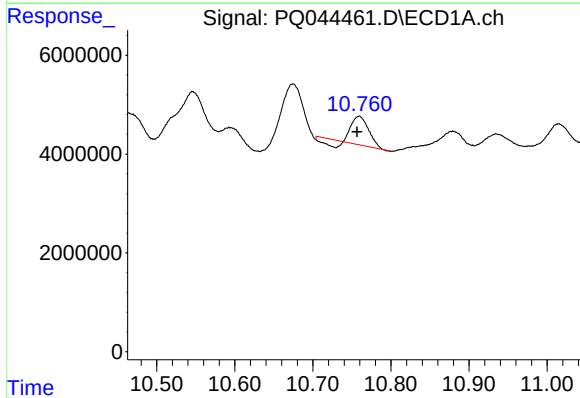
R.T.: 10.223 min
Delta R.T.: -0.057 min
Response: 41687405
Conc: 72.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM1



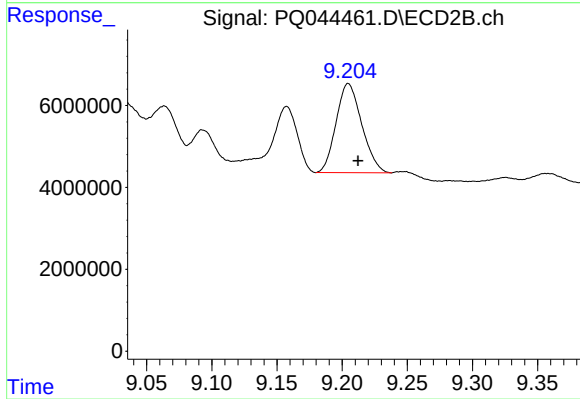
#43 AR-1268-3

R.T.: 8.888 min
Delta R.T.: -0.019 min
Response: 16818276
Conc: 22.20 ng/ml



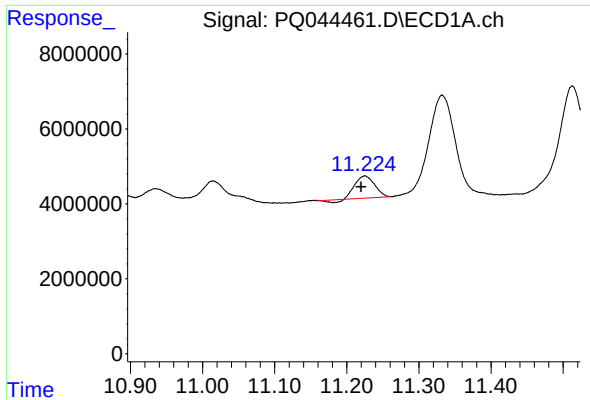
#44 AR-1268-4

R.T.: 10.759 min
Delta R.T.: 0.003 min
Response: 8078984
Conc: 28.04 ng/ml



#44 AR-1268-4

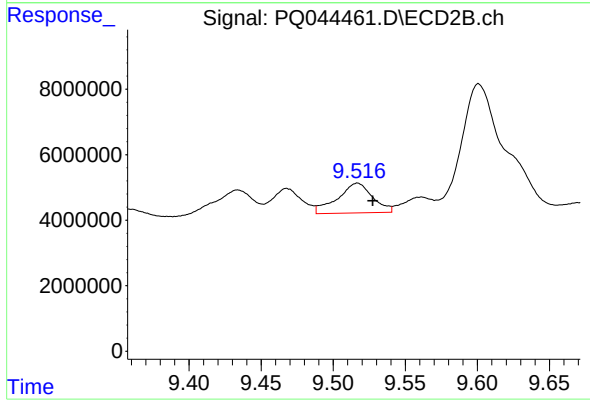
R.T.: 9.205 min
Delta R.T.: -0.008 min
Response: 29781319
Conc: 91.08 ng/ml



#45 AR-1268-5

R.T.: 11.225 min
Delta R.T.: 0.005 min
Response: 10609993
Conc: 4.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM1



#45 AR-1268-5

R.T.: 9.517 min
Delta R.T.: -0.011 min
Response: 15316424
Conc: 5.88 ng/ml