

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101719\
 Data File : PQ044466.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2019 09:49
 Operator : HP\AJ
 Sample : K5236-16
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BEPM8

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 18 01:15:23 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	4.350	75125167	90691572	19.324	20.317
2)	SA Decachlor...	11.595	9.789	195.0E6	236.8E6	36.400	39.586
Target Compounds							
3)	L1 AR-1016-1	6.662	0.000	2307864	0	20.336	N.D. #
4)	L1 AR-1016-2	6.662	0.000	2307864	0	14.305	N.D. #
5)	L1 AR-1016-3	6.662	5.895	2307864	5504140	22.674	52.744 #
6)	L1 AR-1016-4	0.000	5.895	0	5504140	N.D.	58.897 #
7)	L1 AR-1016-5	7.152	6.130	5189162	5680138	68.607	46.452 #
10)	L2 AR-1221-3	0.000	4.872	0	9597547	N.D.	91.394 #
11)	L3 AR-1232-1	0.000	4.872	0	9597547	N.D.	103.713 #
13)	L3 AR-1232-3	6.662	5.895	2307864	5504140	30.083	111.379 #
14)	L3 AR-1232-4	0.000	5.941	0	2848134	N.D.	60.391 #
15)	L3 AR-1232-5	6.932	6.130	4273177	5680138	151.556	103.911 #
16)	L4 AR-1242-1	6.662	0.000	2307864	0	23.639	N.D. #
17)	L4 AR-1242-2	6.662	0.000	2307864	0	16.592	N.D. #
18)	L4 AR-1242-3	6.662	5.895	2307864	5504140	25.968	59.512 #
19)	L4 AR-1242-4	0.000	5.941	0	2848134	N.D.	28.977 #
20)	L4 AR-1242-5	7.627	6.513	29542773	33100292	388.593	259.763 #
21)	L5 AR-1248-1	6.662	0.000	2307864	0	31.452	N.D. #
22)	L5 AR-1248-2	6.932	5.895	4273177	5504140	43.137	39.711
23)	L5 AR-1248-3	7.152	5.941	5189162	2848134	48.048	20.139 #
24)	L5 AR-1248-4	7.554	6.130	54901325	5680138	436.065	33.069 #
25)	L5 AR-1248-5	7.627	6.556	29542773	5214658	243.997	31.147 #
26)	L6 AR-1254-1	7.554	6.513	54901325	33100292	408.014	113.487 #
27)	L6 AR-1254-2	7.784	6.672	53258145	27328416	249.306	104.667 #
28)	L6 AR-1254-3	8.170	7.100	55442928	70558954	225.334	161.497 #
29)	L6 AR-1254-4	8.466	7.339	30042142	13089794	149.792	48.729 #
30)	L6 AR-1254-5	8.900	7.774	42647723	44346029	178.185	110.903 #
31)	L7 AR-1260-1	8.339	7.237	26254712	34302195	174.411	141.078
32)	L7 AR-1260-2	8.603	7.432	32616278	27881208	165.724	92.366 #
33)	L7 AR-1260-3	8.977	7.593	10996727	25848770	68.587	91.851 #
34)	L7 AR-1260-4	9.219	8.080	17624608	12745501	90.265	50.664 #
35)	L7 AR-1260-5	9.577	8.327	22048564	36670699	48.227	57.215
36)	L8 AR-1262-1	9.040	7.774	5011119	44346029	46.140	227.243 #
37)	L8 AR-1262-2	9.577	8.327	22048564	36670699	38.287	46.349
38)	L8 AR-1262-3	9.942	8.617	17112748	12930540	41.249	40.772
39)	L8 AR-1262-4	10.003	8.683	10053527	33939834	31.914	55.690 #
40)	L8 AR-1262-5	10.755	9.202	7806141	13770890	30.710	49.113 #
41)	L9 AR-1268-1	9.942	8.617	17112748	12930540	23.932	13.406 #
42)	L9 AR-1268-2	10.003	8.683	10053527	33939834	14.794	37.322 #
43)	L9 AR-1268-3	10.278	8.888	1671834	17641299	2.913	23.289 #
44)	L9 AR-1268-4	10.755	9.202	7806141	13770890	27.095	42.114 #

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Integration File signal 1: autoint1.e
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 Quant Time: Oct 18 01:15:23 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100819CLP.M
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 Response via : Initial Calibration
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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	11.218	9.515	5309334	9664873	2.442	3.710 #

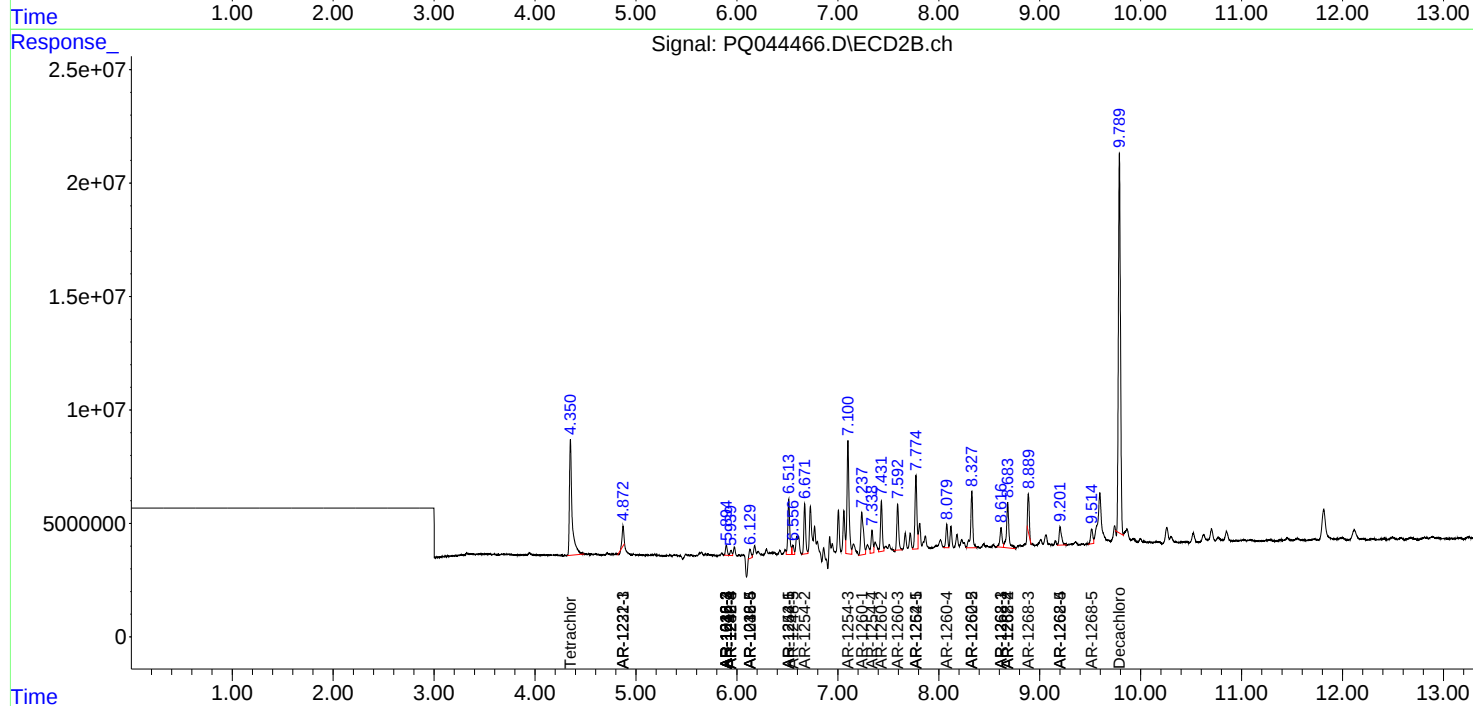
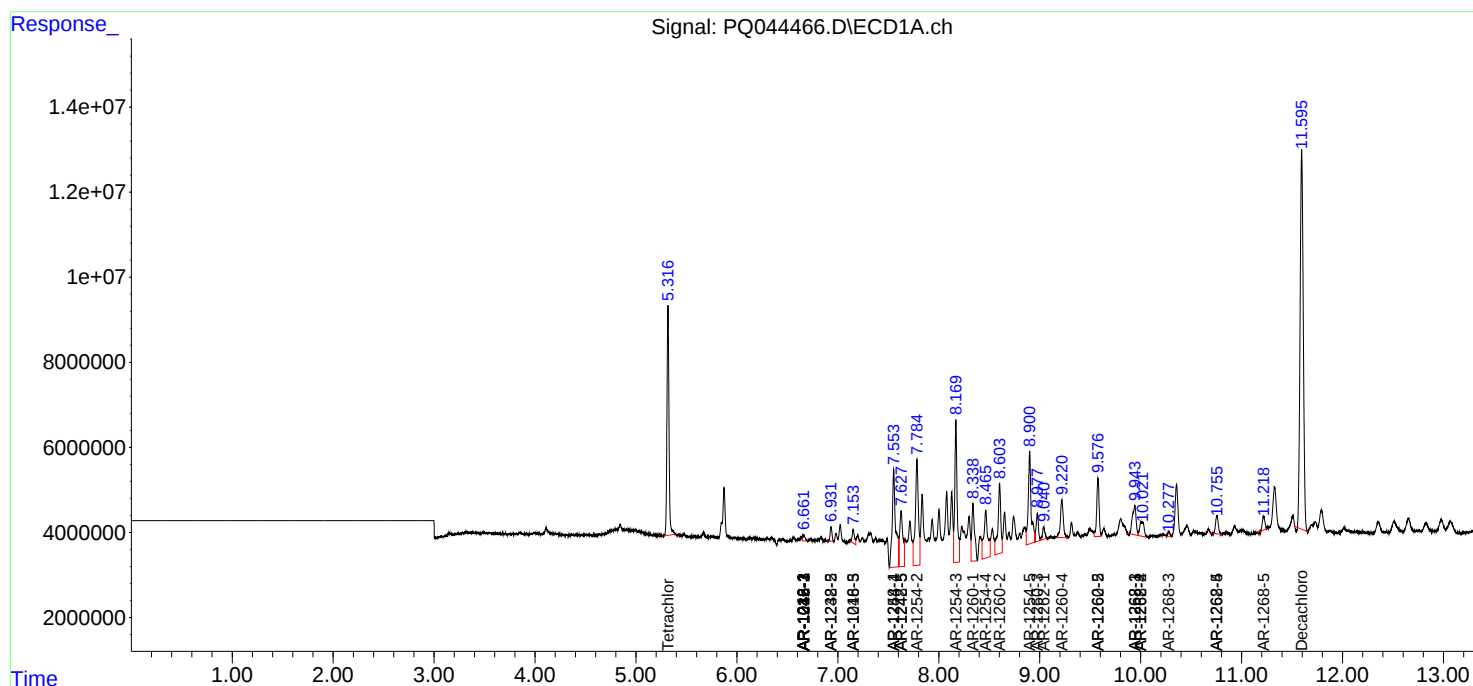
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

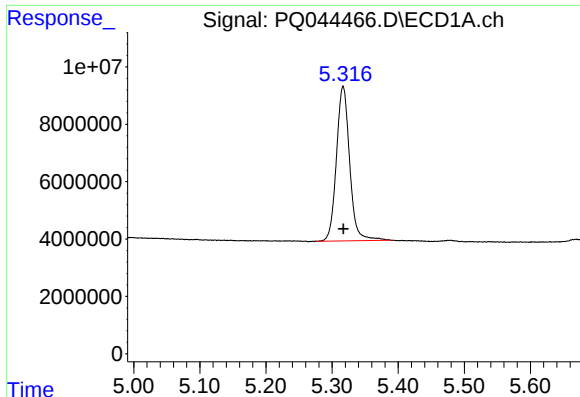
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Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101719\  
Data File : PQ044466.D  
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch  
Acq On    : 17 Oct 2019  09:49  
Operator  : HP\AJ  
Sample    : K5236-16  
Misc      :  
ALS Vial  : 43   Sample Multiplier: 1
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Instrument :
ECD_Q
ClientSampleId :
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 18 01:15:23 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100819CLP.M
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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

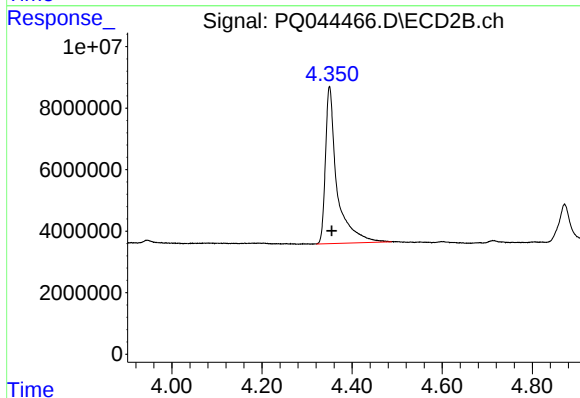




#1 Tetrachloro-m-xylene

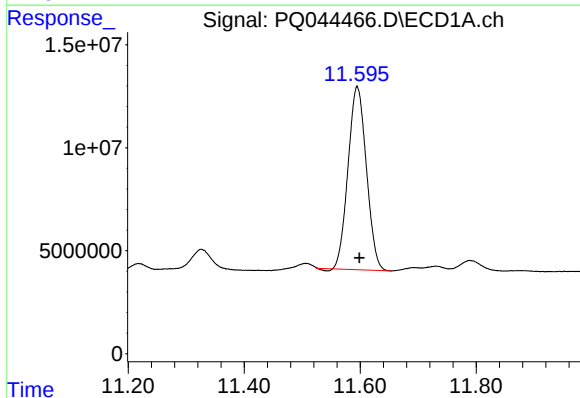
R.T.: 5.317 min
Delta R.T.: 0.000 min
Response: 75125167
Conc: 19.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM8



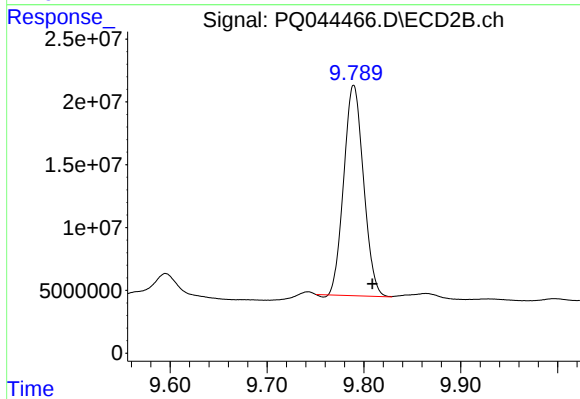
#1 Tetrachloro-m-xylene

R.T.: 4.350 min
Delta R.T.: -0.005 min
Response: 90691572
Conc: 20.32 ng/ml



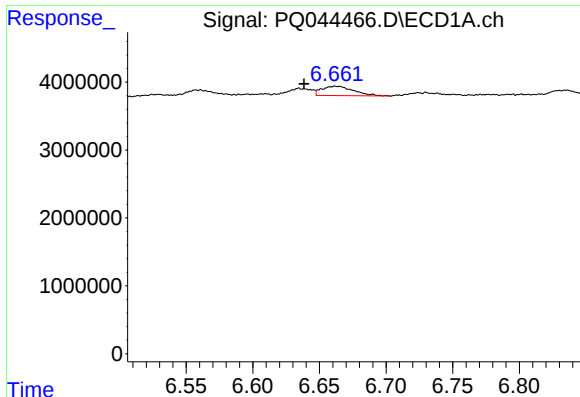
#2 Decachlorobiphenyl

R.T.: 11.595 min
Delta R.T.: -0.004 min
Response: 195013416
Conc: 36.40 ng/ml



#2 Decachlorobiphenyl

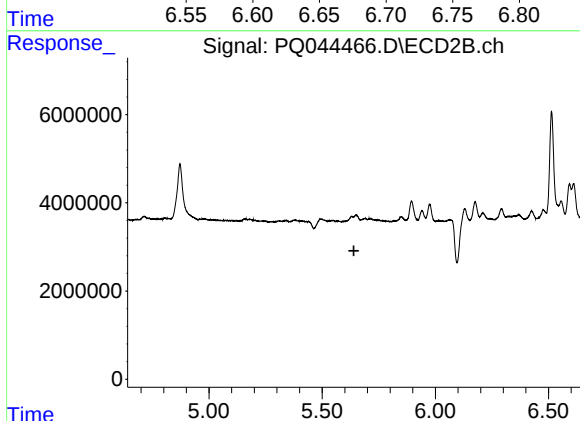
R.T.: 9.789 min
Delta R.T.: -0.019 min
Response: 236781086
Conc: 39.59 ng/ml



#3 AR-1016-1

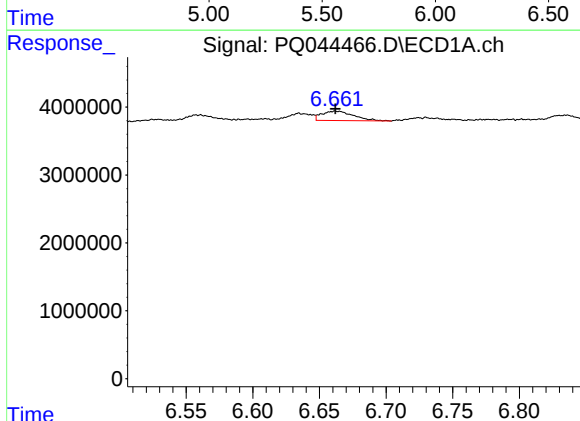
R.T.: 6.662 min
Delta R.T.: 0.024 min
Response: 2307864
Conc: 20.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM8



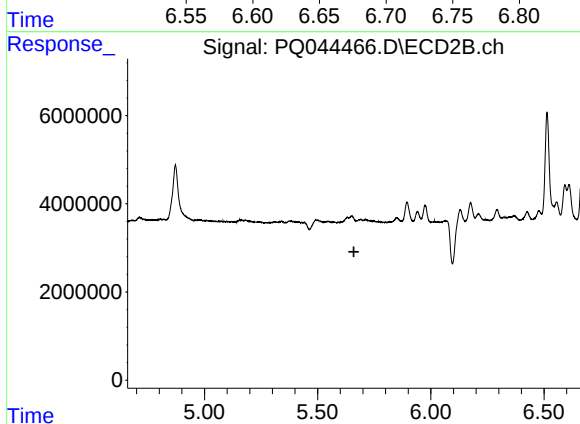
#3 AR-1016-1

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



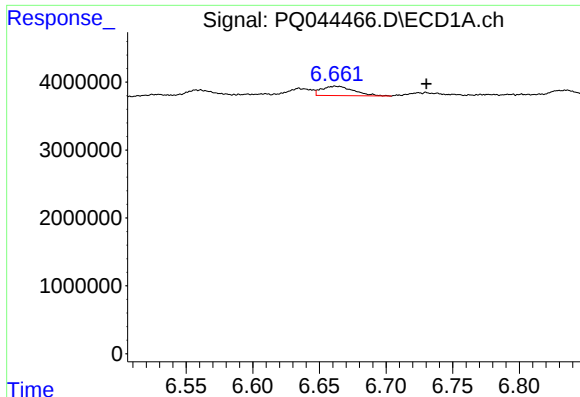
#4 AR-1016-2

R.T.: 6.662 min
Delta R.T.: 0.000 min
Response: 2307864
Conc: 14.31 ng/ml



#4 AR-1016-2

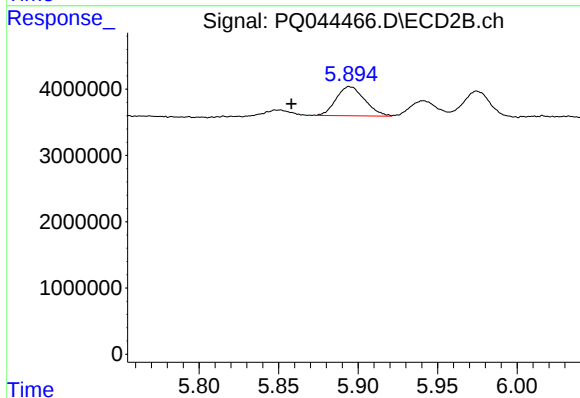
R.T.: 0.000 min
Exp R.T. : 5.660 min
Response: 0
Conc: N.D.



#5 AR-1016-3

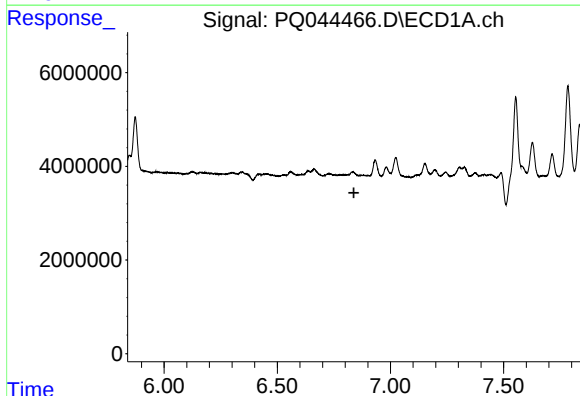
R.T.: 6.662 min
Delta R.T.: -0.068 min
Response: 2307864
Conc: 22.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM8



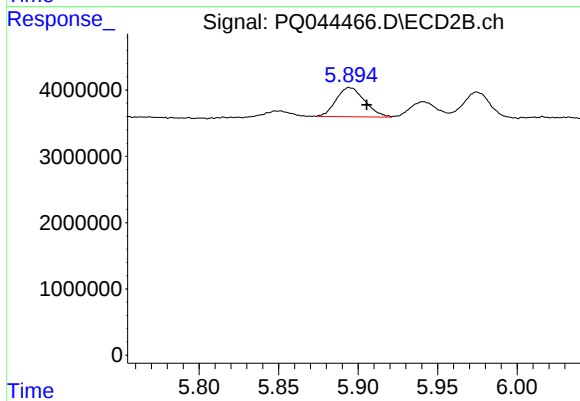
#5 AR-1016-3

R.T.: 5.895 min
Delta R.T.: 0.037 min
Response: 5504140
Conc: 52.74 ng/ml



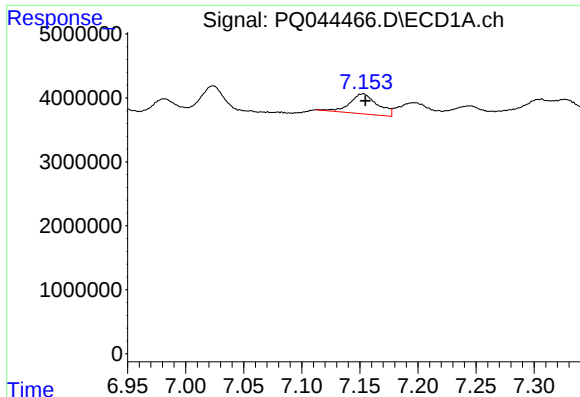
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.839 min
Response: 0
Conc: N.D.



#6 AR-1016-4

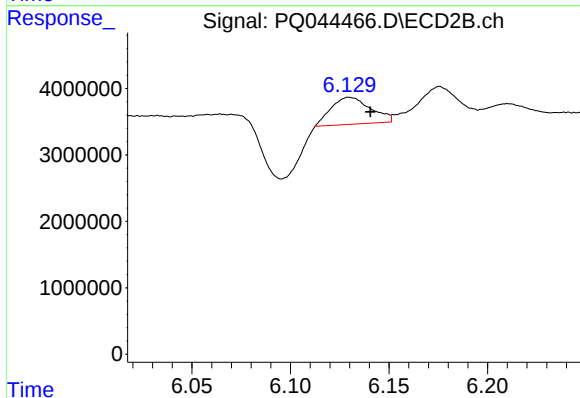
R.T.: 5.895 min
Delta R.T.: -0.011 min
Response: 5504140
Conc: 58.90 ng/ml



#7 AR-1016-5

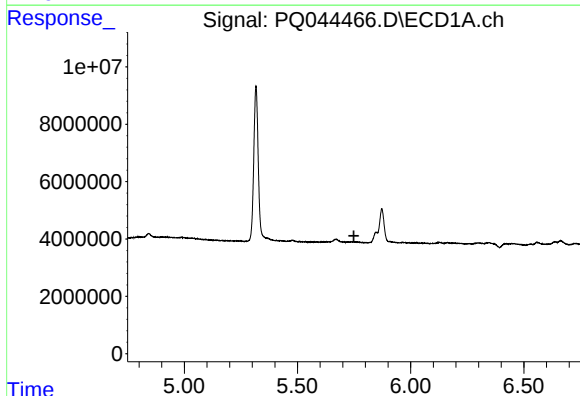
R.T.: 7.152 min
Delta R.T.: -0.002 min
Response: 5189162
Conc: 68.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM8



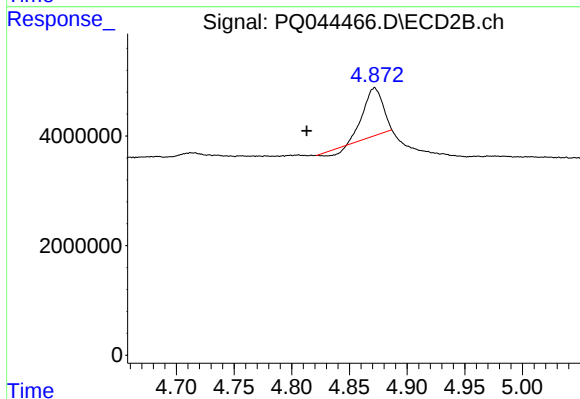
#7 AR-1016-5

R.T.: 6.130 min
Delta R.T.: -0.011 min
Response: 5680138
Conc: 46.45 ng/ml



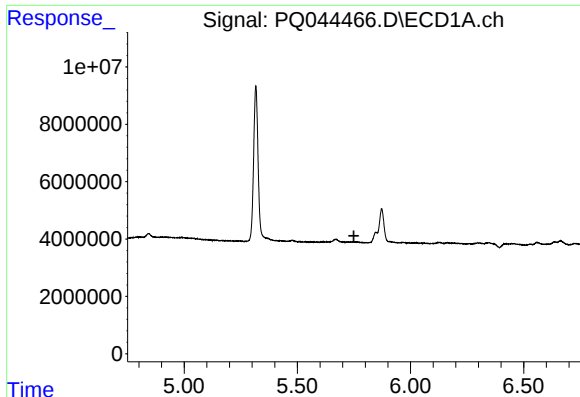
#10 AR-1221-3

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



#10 AR-1221-3

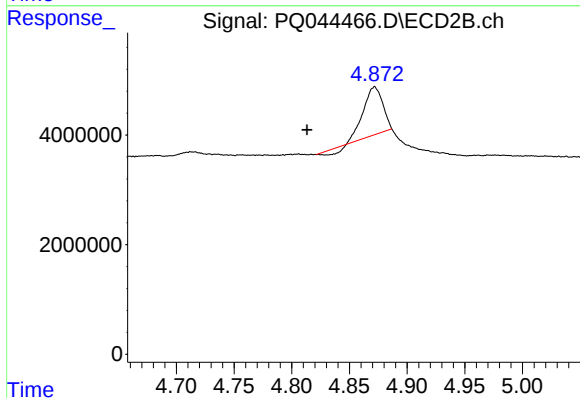
R.T.: 4.872 min
Delta R.T.: 0.059 min
Response: 9597547
Conc: 91.39 ng/ml



#11 AR-1232-1

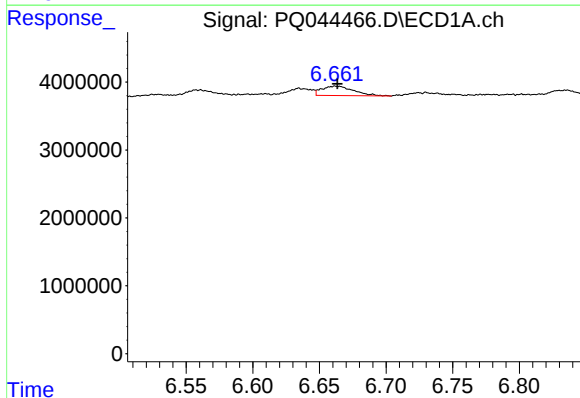
R.T.: 0.000 min
Exp R.T.: 5.750 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BEPM8



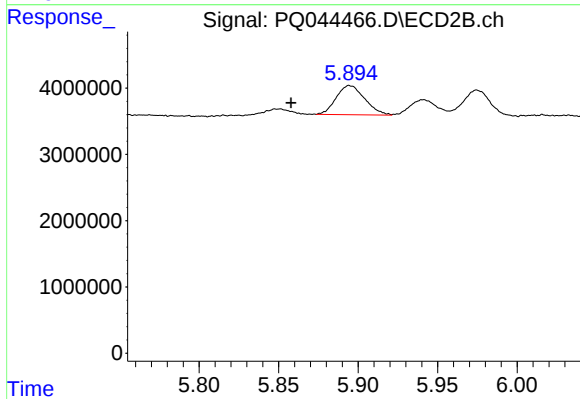
#11 AR-1232-1

R.T.: 4.872 min
Delta R.T.: 0.059 min
Response: 9597547
Conc: 103.71 ng/ml



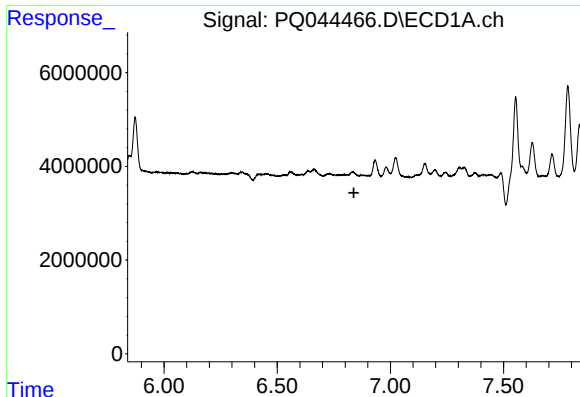
#13 AR-1232-3

R.T.: 6.662 min
Delta R.T.: 0.000 min
Response: 2307864
Conc: 30.08 ng/ml



#13 AR-1232-3

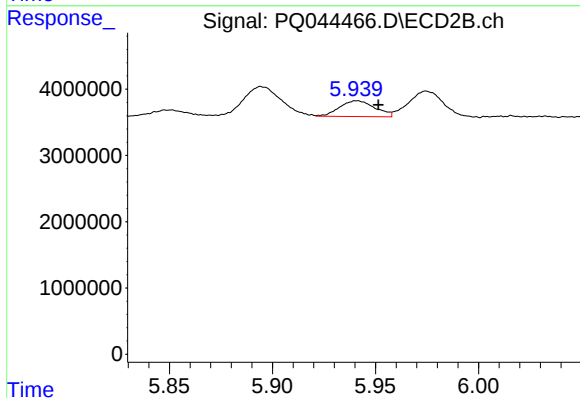
R.T.: 5.895 min
Delta R.T.: 0.037 min
Response: 5504140
Conc: 111.38 ng/ml



#14 AR-1232-4

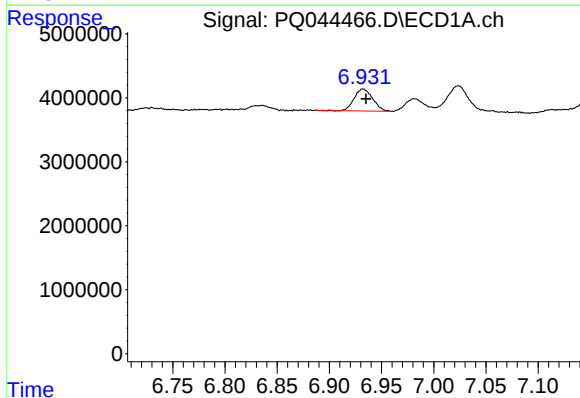
R.T.: 0.000 min
Exp R.T.: 6.839 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BEPM8



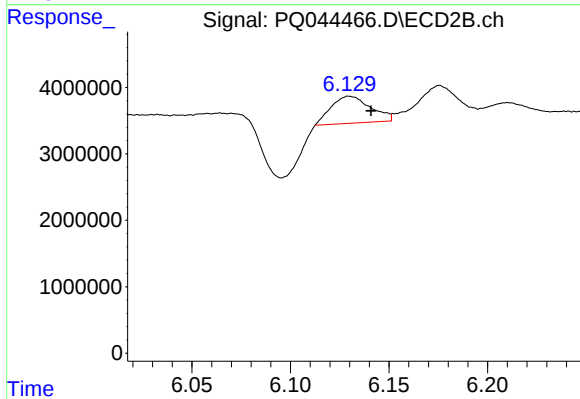
#14 AR-1232-4

R.T.: 5.941 min
Delta R.T.: -0.010 min
Response: 2848134
Conc: 60.39 ng/ml



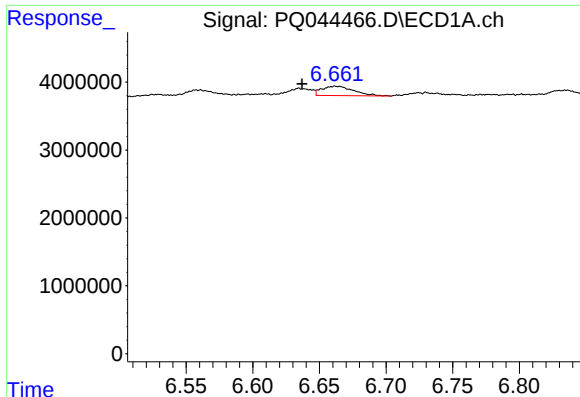
#15 AR-1232-5

R.T.: 6.932 min
Delta R.T.: -0.003 min
Response: 4273177
Conc: 151.56 ng/ml



#15 AR-1232-5

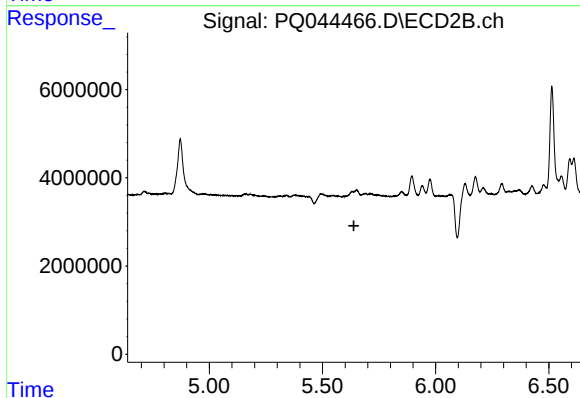
R.T.: 6.130 min
Delta R.T.: -0.011 min
Response: 5680138
Conc: 103.91 ng/ml



#16 AR-1242-1

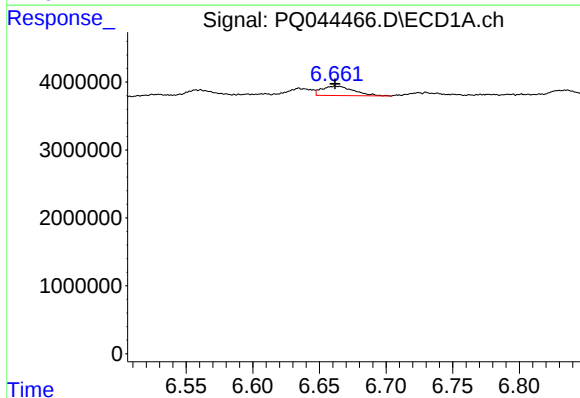
R.T.: 6.662 min
Delta R.T.: 0.026 min
Response: 2307864
Conc: 23.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM8



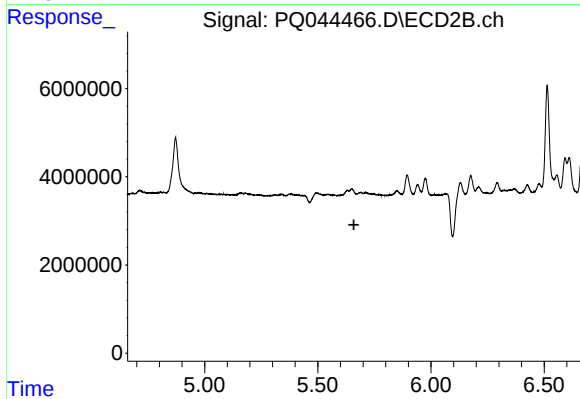
#16 AR-1242-1

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



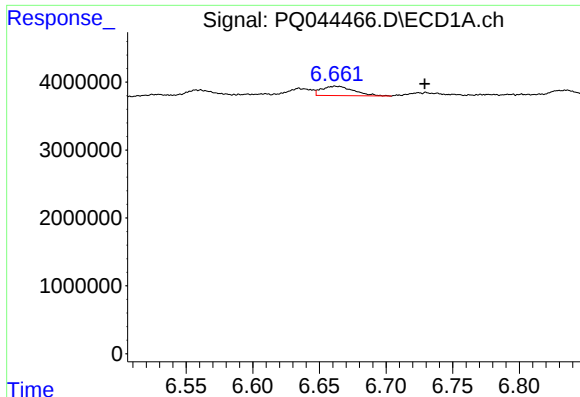
#17 AR-1242-2

R.T.: 6.662 min
Delta R.T.: 0.000 min
Response: 2307864
Conc: 16.59 ng/ml



#17 AR-1242-2

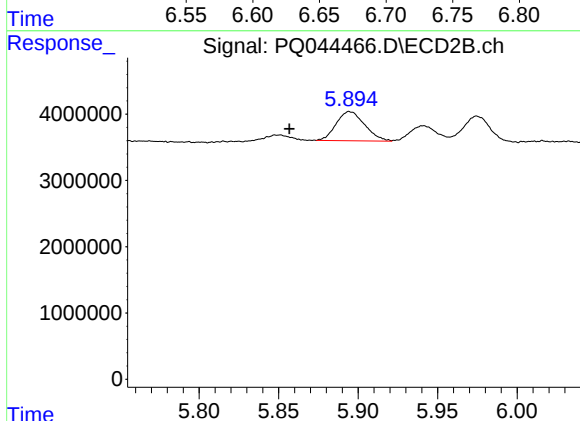
R.T.: 0.000 min
Exp R.T. : 5.659 min
Response: 0
Conc: N.D.



#18 AR-1242-3

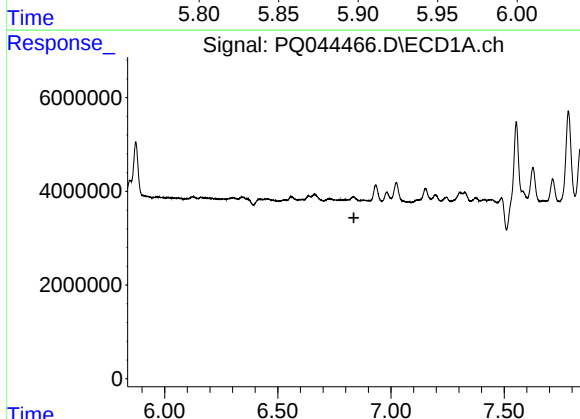
R.T.: 6.662 min
Delta R.T.: -0.067 min
Response: 2307864
Conc: 25.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM8



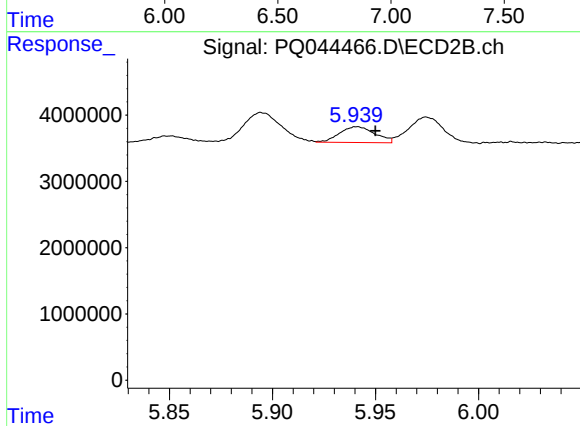
#18 AR-1242-3

R.T.: 5.895 min
Delta R.T.: 0.038 min
Response: 5504140
Conc: 59.51 ng/ml



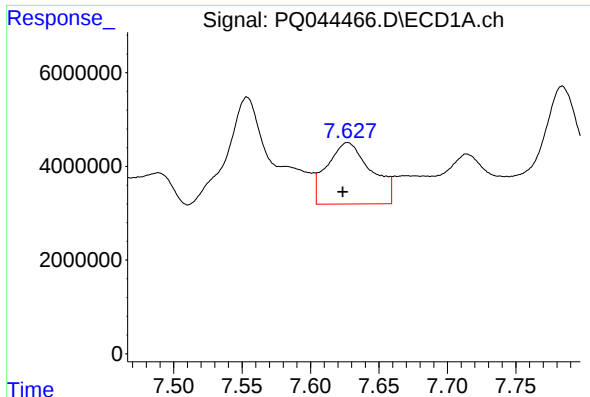
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 6.836 min
Response: 0
Conc: N.D.



#19 AR-1242-4

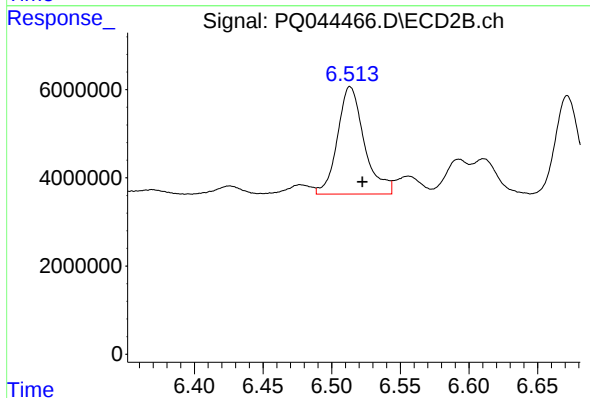
R.T.: 5.941 min
Delta R.T.: -0.009 min
Response: 2848134
Conc: 28.98 ng/ml



#20 AR-1242-5

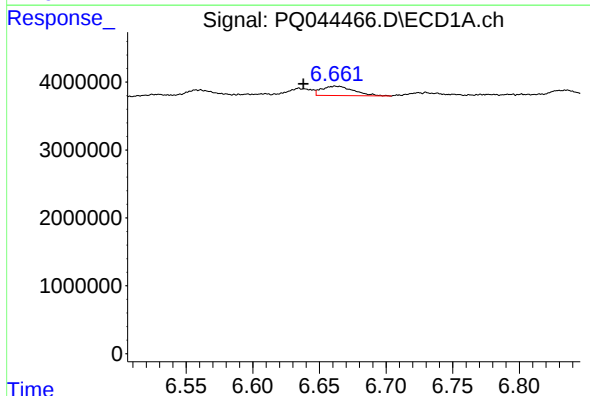
R.T.: 7.627 min
Delta R.T.: 0.004 min
Response: 29542773
Conc: 388.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM8



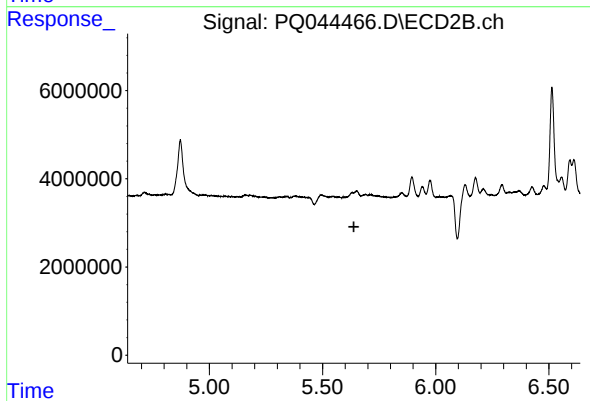
#20 AR-1242-5

R.T.: 6.513 min
Delta R.T.: -0.009 min
Response: 33100292
Conc: 259.76 ng/ml



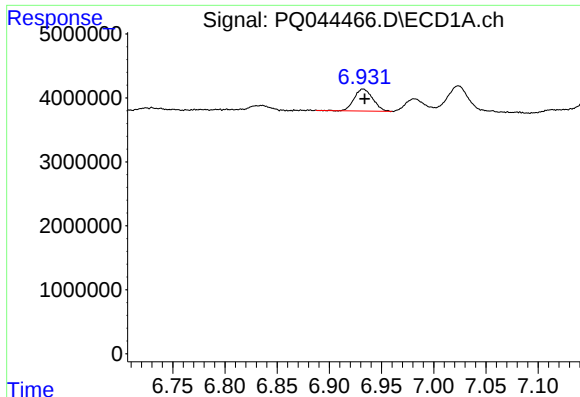
#21 AR-1248-1

R.T.: 6.662 min
Delta R.T.: 0.025 min
Response: 2307864
Conc: 31.45 ng/ml



#21 AR-1248-1

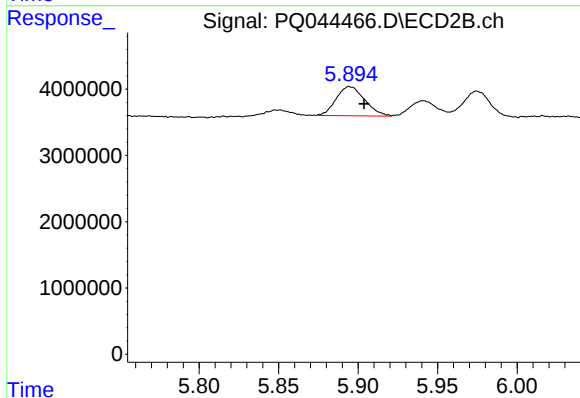
R.T.: 0.000 min
Exp R.T.: 5.638 min
Response: 0
Conc: N.D.



#22 AR-1248-2

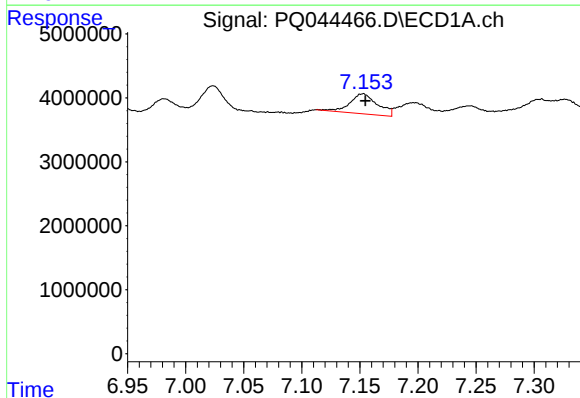
R.T.: 6.932 min
Delta R.T.: -0.001 min
Response: 4273177
Conc: 43.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM8



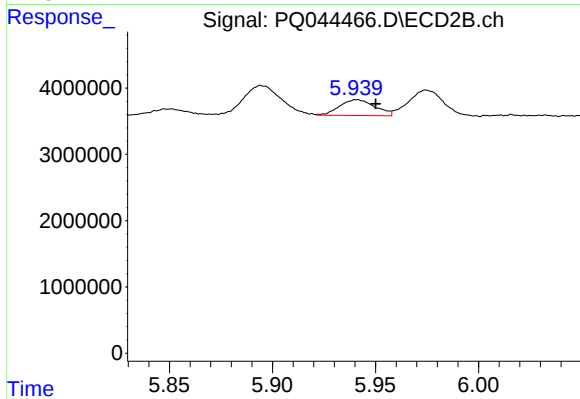
#22 AR-1248-2

R.T.: 5.895 min
Delta R.T.: -0.009 min
Response: 5504140
Conc: 39.71 ng/ml



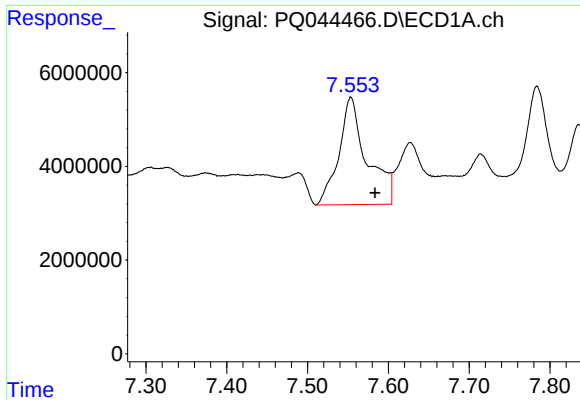
#23 AR-1248-3

R.T.: 7.152 min
Delta R.T.: -0.002 min
Response: 5189162
Conc: 48.05 ng/ml



#23 AR-1248-3

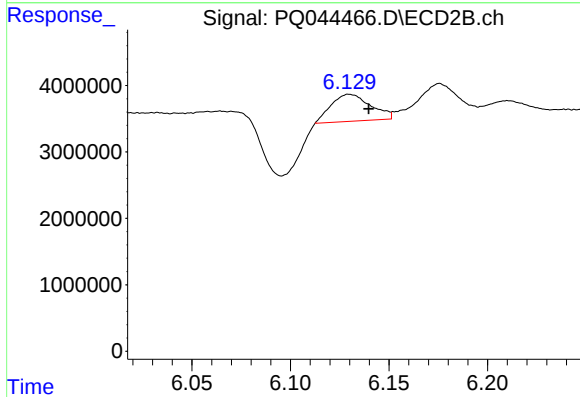
R.T.: 5.941 min
Delta R.T.: -0.009 min
Response: 2848134
Conc: 20.14 ng/ml



#24 AR-1248-4

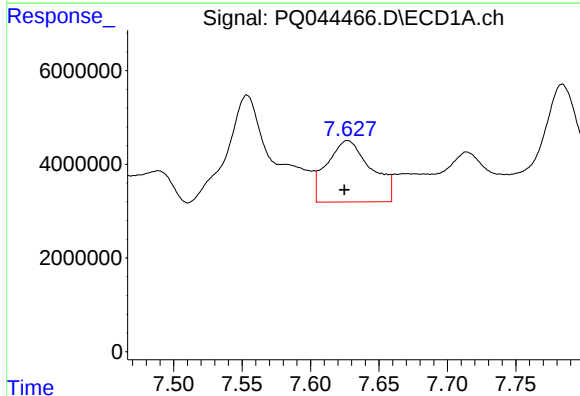
R.T.: 7.554 min
Delta R.T.: -0.030 min
Response: 54901325
Conc: 436.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM8



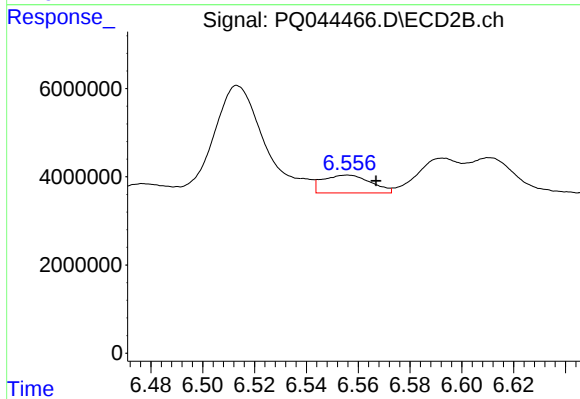
#24 AR-1248-4

R.T.: 6.130 min
Delta R.T.: -0.010 min
Response: 5680138
Conc: 33.07 ng/ml



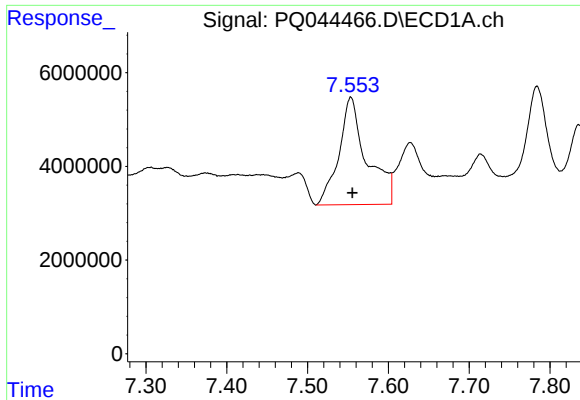
#25 AR-1248-5

R.T.: 7.627 min
Delta R.T.: 0.002 min
Response: 29542773
Conc: 244.00 ng/ml



#25 AR-1248-5

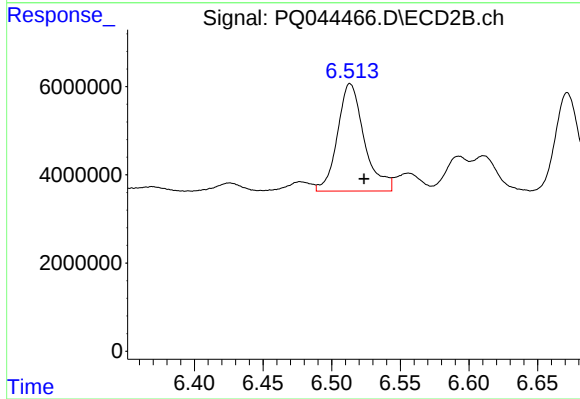
R.T.: 6.556 min
Delta R.T.: -0.011 min
Response: 5214658
Conc: 31.15 ng/ml



#26 AR-1254-1

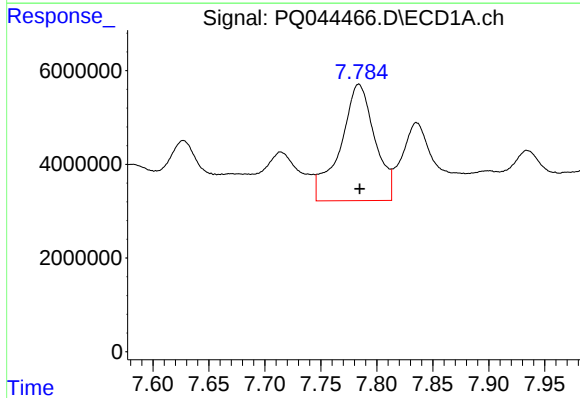
R.T.: 7.554 min
Delta R.T.: -0.002 min
Response: 54901325
Conc: 408.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM8



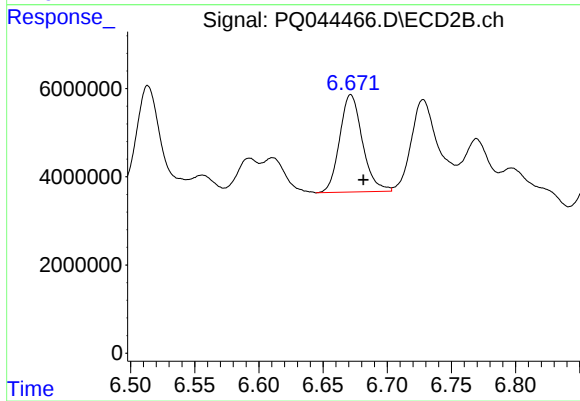
#26 AR-1254-1

R.T.: 6.513 min
Delta R.T.: -0.010 min
Response: 33100292
Conc: 113.49 ng/ml



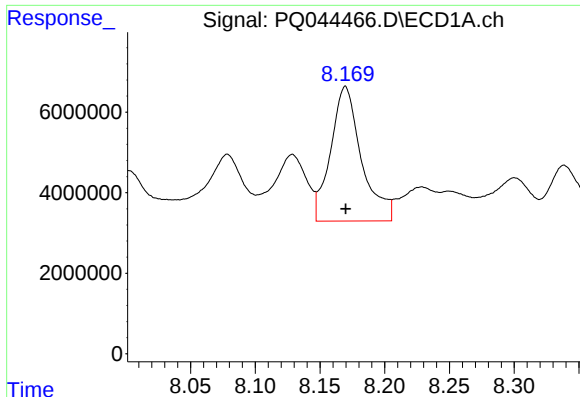
#27 AR-1254-2

R.T.: 7.784 min
Delta R.T.: 0.000 min
Response: 53258145
Conc: 249.31 ng/ml



#27 AR-1254-2

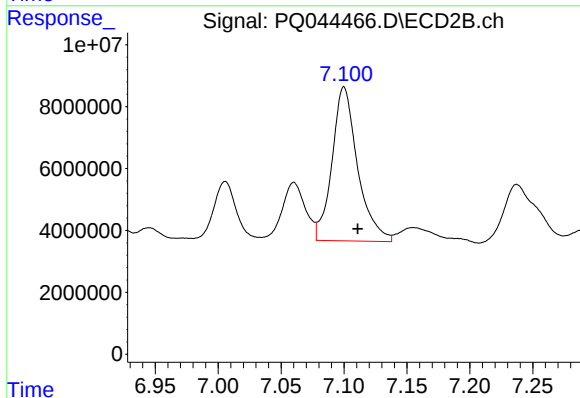
R.T.: 6.672 min
Delta R.T.: -0.010 min
Response: 27328416
Conc: 104.67 ng/ml



#28 AR-1254-3

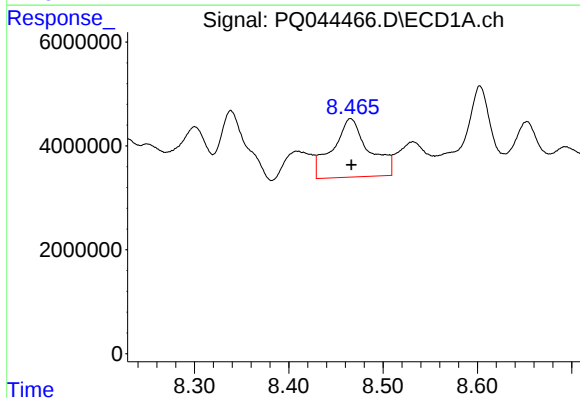
R.T.: 8.170 min
Delta R.T.: 0.000 min
Response: 55442928
Conc: 225.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM8



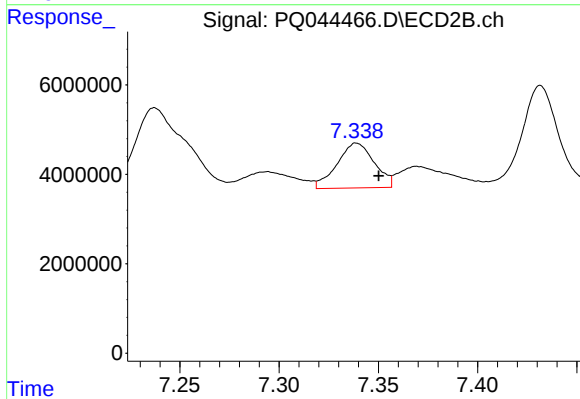
#28 AR-1254-3

R.T.: 7.100 min
Delta R.T.: -0.011 min
Response: 70558954
Conc: 161.50 ng/ml



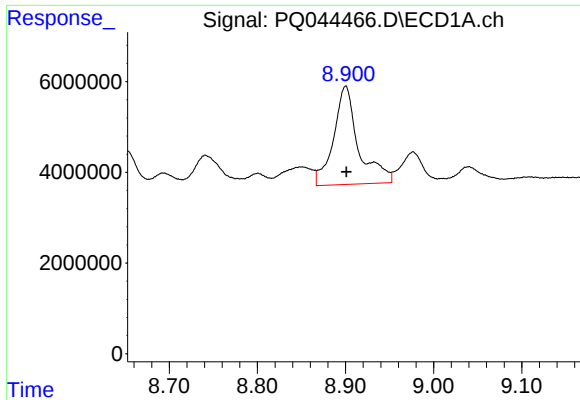
#29 AR-1254-4

R.T.: 8.466 min
Delta R.T.: 0.000 min
Response: 30042142
Conc: 149.79 ng/ml



#29 AR-1254-4

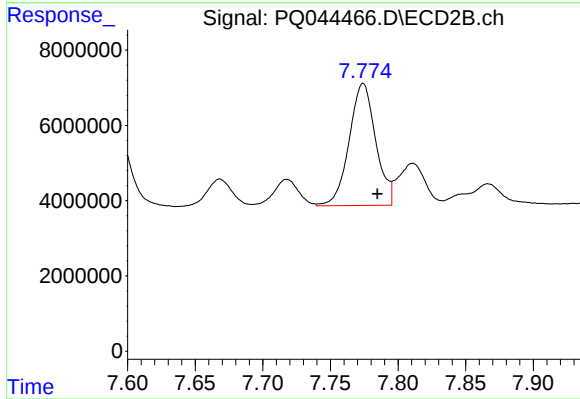
R.T.: 7.339 min
Delta R.T.: -0.011 min
Response: 13089794
Conc: 48.73 ng/ml



#30 AR-1254-5

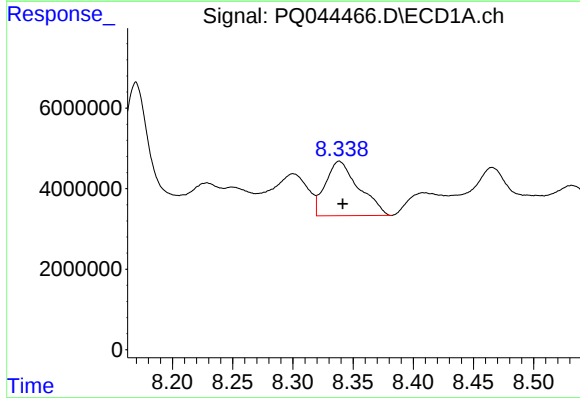
R.T.: 8.900 min
Delta R.T.: 0.000 min
Response: 42647723
Conc: 178.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM8



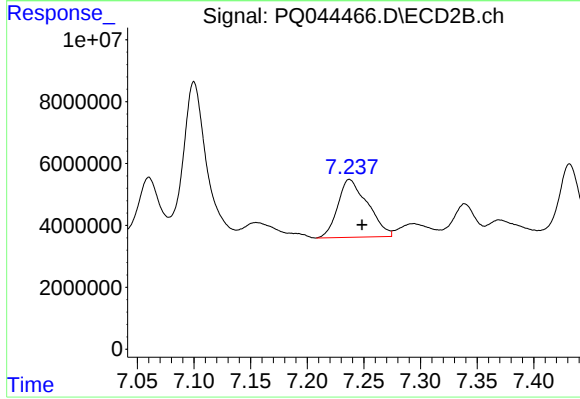
#30 AR-1254-5

R.T.: 7.774 min
Delta R.T.: -0.011 min
Response: 44346029
Conc: 110.90 ng/ml



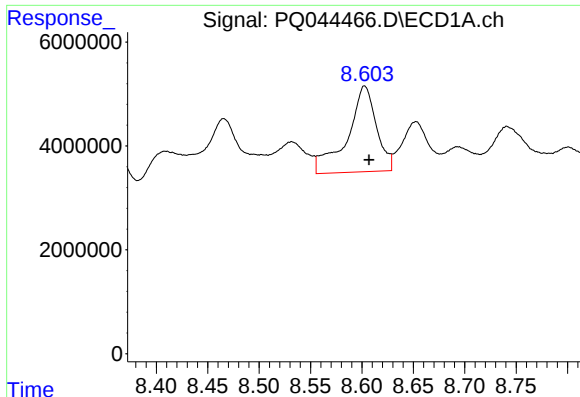
#31 AR-1260-1

R.T.: 8.339 min
Delta R.T.: -0.003 min
Response: 26254712
Conc: 174.41 ng/ml



#31 AR-1260-1

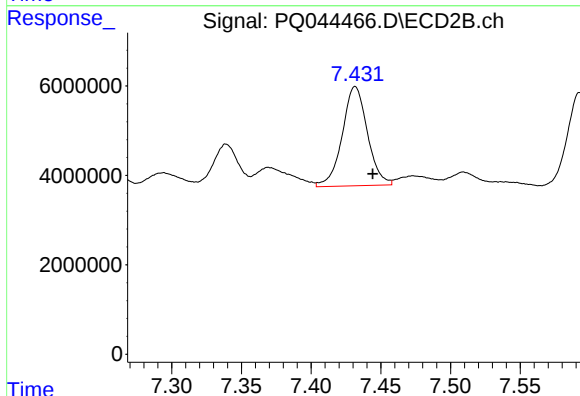
R.T.: 7.237 min
Delta R.T.: -0.011 min
Response: 34302195
Conc: 141.08 ng/ml



#32 AR-1260-2

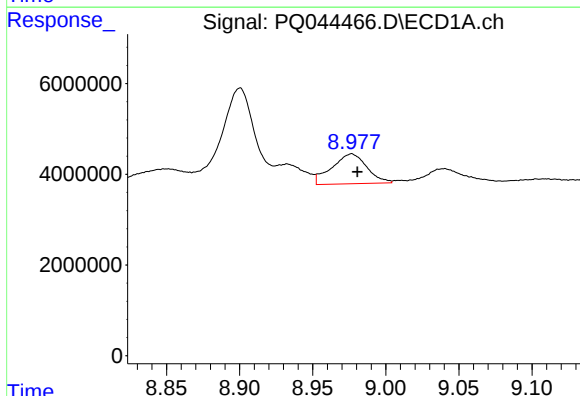
R.T.: 8.603 min
Delta R.T.: -0.004 min
Response: 32616278
Conc: 165.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM8



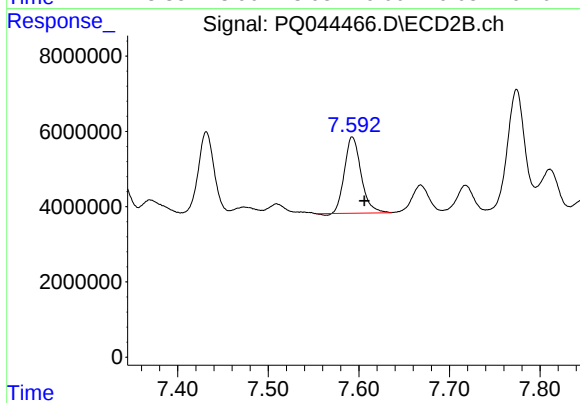
#32 AR-1260-2

R.T.: 7.432 min
Delta R.T.: -0.012 min
Response: 27881208
Conc: 92.37 ng/ml



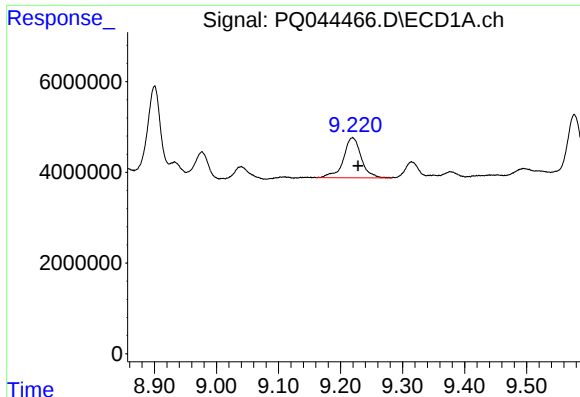
#33 AR-1260-3

R.T.: 8.977 min
Delta R.T.: -0.004 min
Response: 10996727
Conc: 68.59 ng/ml



#33 AR-1260-3

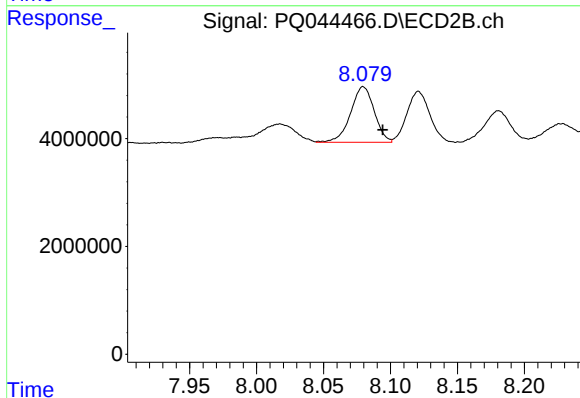
R.T.: 7.593 min
Delta R.T.: -0.013 min
Response: 25848770
Conc: 91.85 ng/ml



#34 AR-1260-4

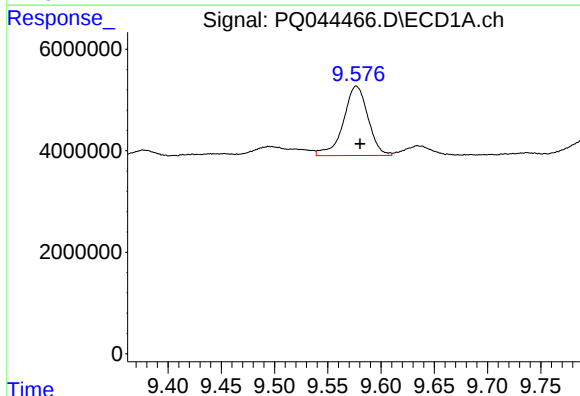
R.T.: 9.219 min
Delta R.T.: -0.009 min
Response: 17624608
Conc: 90.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM8



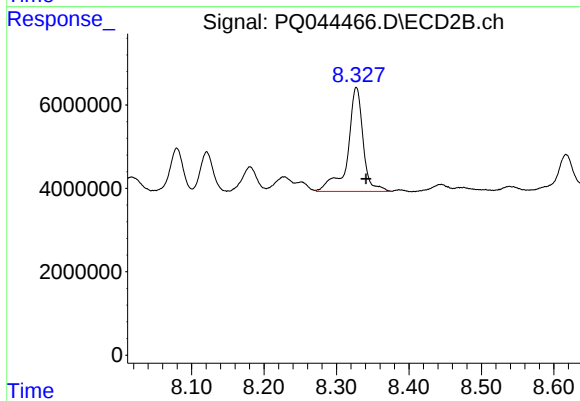
#34 AR-1260-4

R.T.: 8.080 min
Delta R.T.: -0.015 min
Response: 12745501
Conc: 50.66 ng/ml



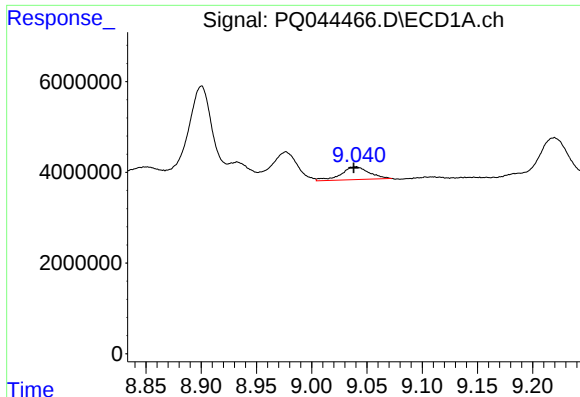
#35 AR-1260-5

R.T.: 9.577 min
Delta R.T.: -0.003 min
Response: 22048564
Conc: 48.23 ng/ml



#35 AR-1260-5

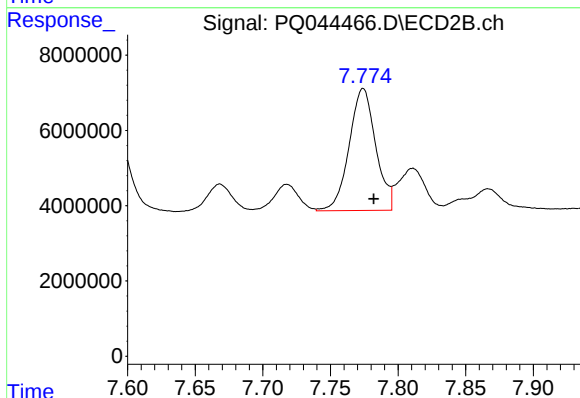
R.T.: 8.327 min
Delta R.T.: -0.013 min
Response: 36670699
Conc: 57.21 ng/ml



#36 AR-1262-1

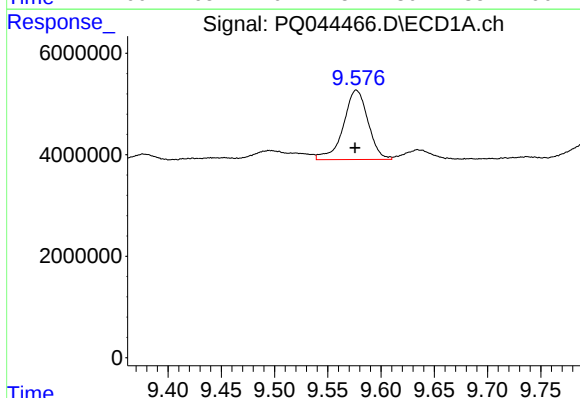
R.T.: 9.040 min
Delta R.T.: 0.002 min
Response: 5011119
Conc: 46.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM8



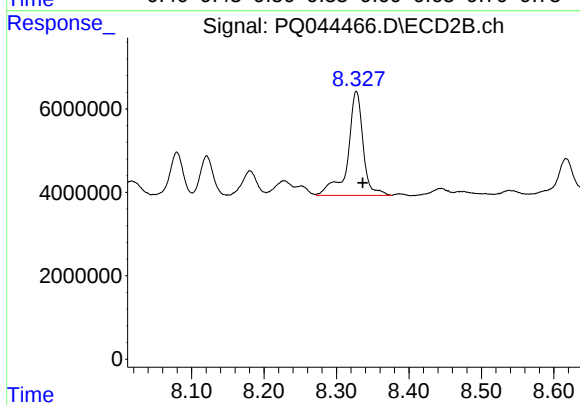
#36 AR-1262-1

R.T.: 7.774 min
Delta R.T.: -0.008 min
Response: 44346029
Conc: 227.24 ng/ml



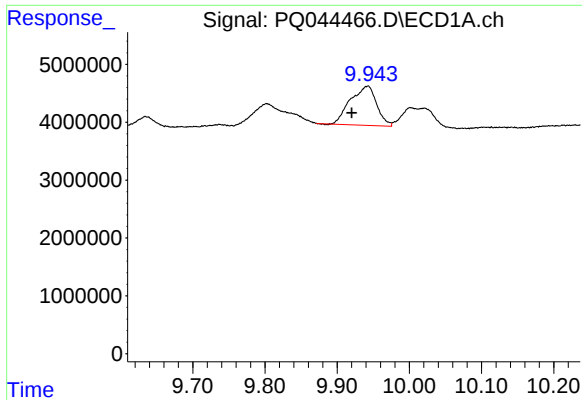
#37 AR-1262-2

R.T.: 9.577 min
Delta R.T.: 0.001 min
Response: 22048564
Conc: 38.29 ng/ml



#37 AR-1262-2

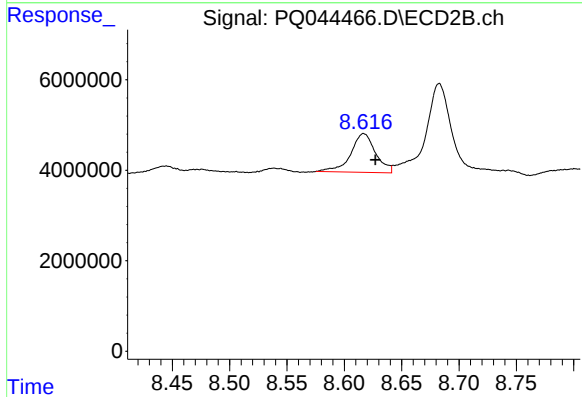
R.T.: 8.327 min
Delta R.T.: -0.009 min
Response: 36670699
Conc: 46.35 ng/ml



#38 AR-1262-3

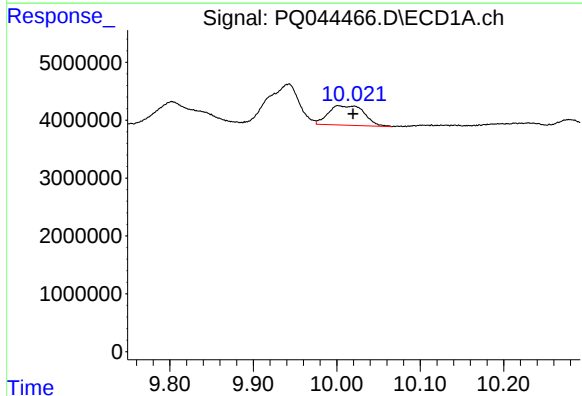
R.T.: 9.942 min
Delta R.T.: 0.021 min
Response: 17112748
Conc: 41.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM8



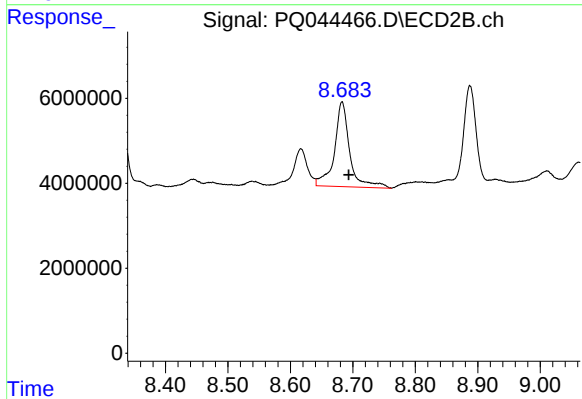
#38 AR-1262-3

R.T.: 8.617 min
Delta R.T.: -0.010 min
Response: 12930540
Conc: 40.77 ng/ml



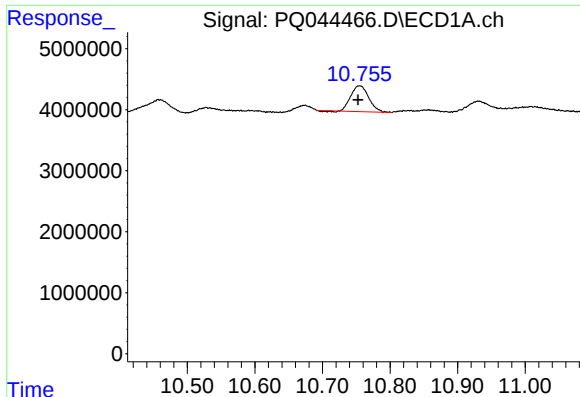
#39 AR-1262-4

R.T.: 10.003 min
Delta R.T.: -0.017 min
Response: 10053527
Conc: 31.91 ng/ml



#39 AR-1262-4

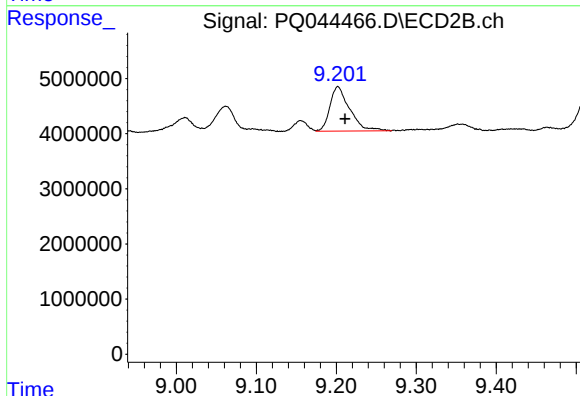
R.T.: 8.683 min
Delta R.T.: -0.011 min
Response: 33939834
Conc: 55.69 ng/ml



#40 AR-1262-5

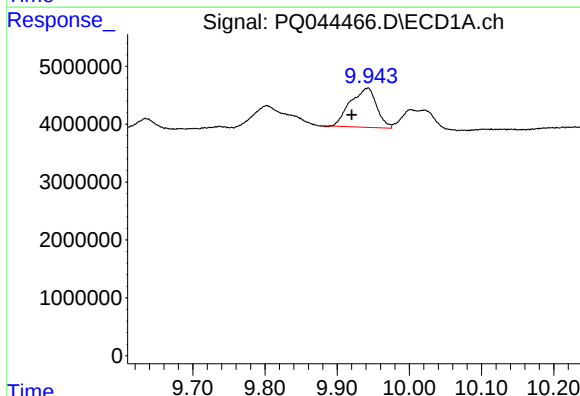
R.T.: 10.755 min
Delta R.T.: 0.002 min
Response: 7806141
Conc: 30.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM8



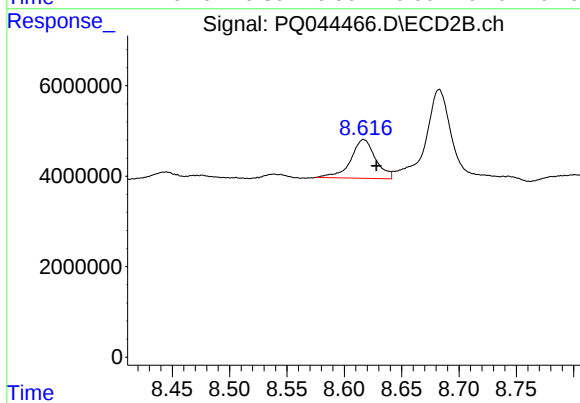
#40 AR-1262-5

R.T.: 9.202 min
Delta R.T.: -0.009 min
Response: 13770890
Conc: 49.11 ng/ml



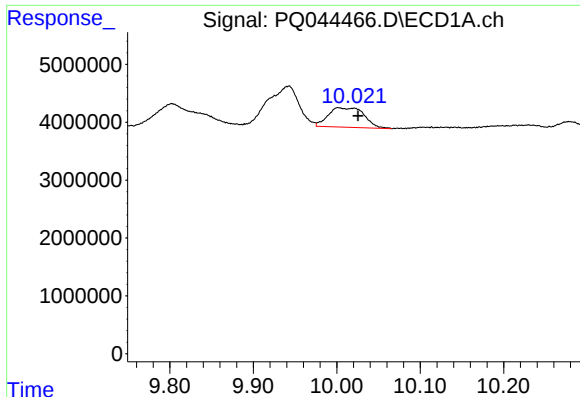
#41 AR-1268-1

R.T.: 9.942 min
Delta R.T.: 0.022 min
Response: 17112748
Conc: 23.93 ng/ml



#41 AR-1268-1

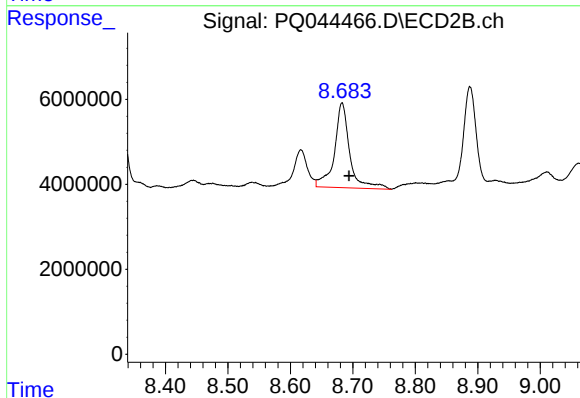
R.T.: 8.617 min
Delta R.T.: -0.011 min
Response: 12930540
Conc: 13.41 ng/ml



#42 AR-1268-2

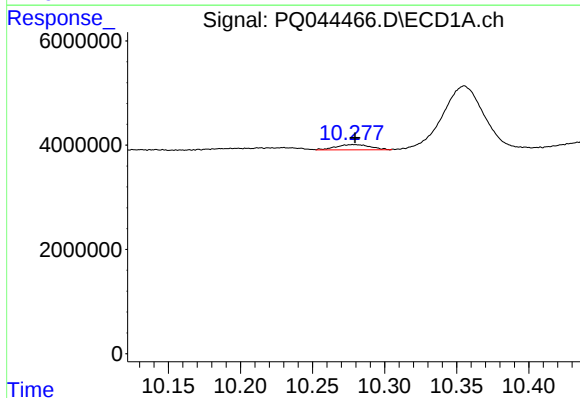
R.T.: 10.003 min
Delta R.T.: -0.023 min
Response: 10053527
Conc: 14.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM8



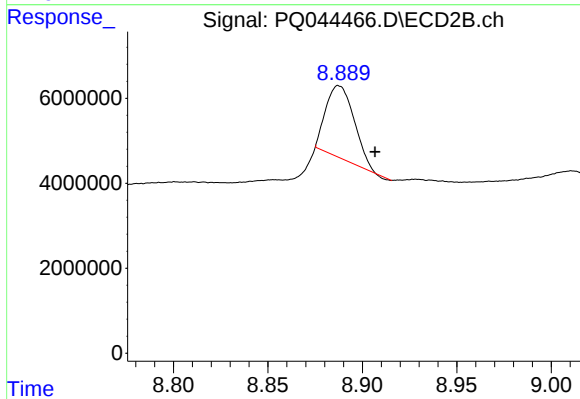
#42 AR-1268-2

R.T.: 8.683 min
Delta R.T.: -0.011 min
Response: 33939834
Conc: 37.32 ng/ml



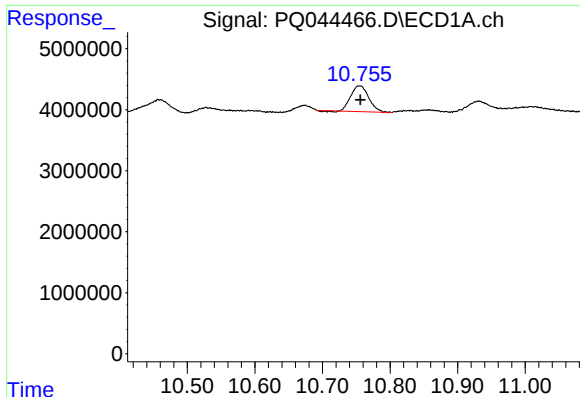
#43 AR-1268-3

R.T.: 10.278 min
Delta R.T.: -0.001 min
Response: 1671834
Conc: 2.91 ng/ml



#43 AR-1268-3

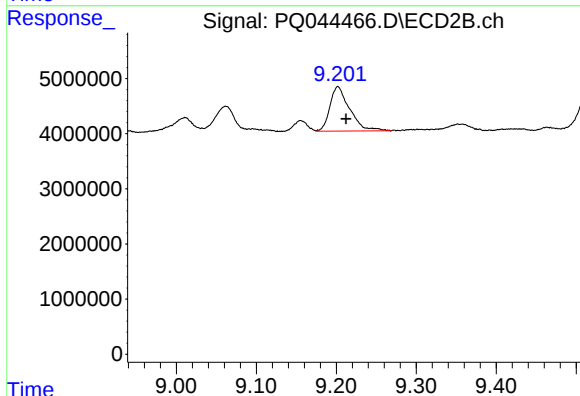
R.T.: 8.888 min
Delta R.T.: -0.019 min
Response: 17641299
Conc: 23.29 ng/ml



#44 AR-1268-4

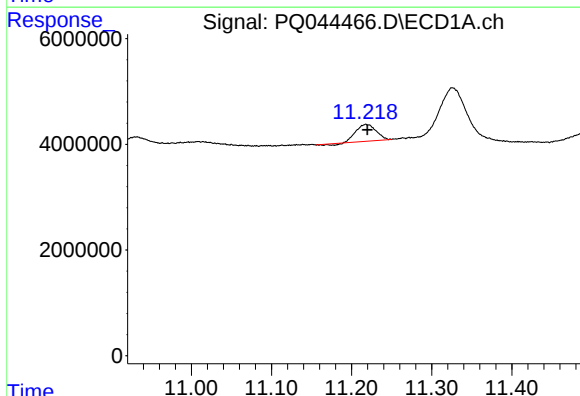
R.T.: 10.755 min
Delta R.T.: -0.001 min
Response: 7806141
Conc: 27.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEPM8



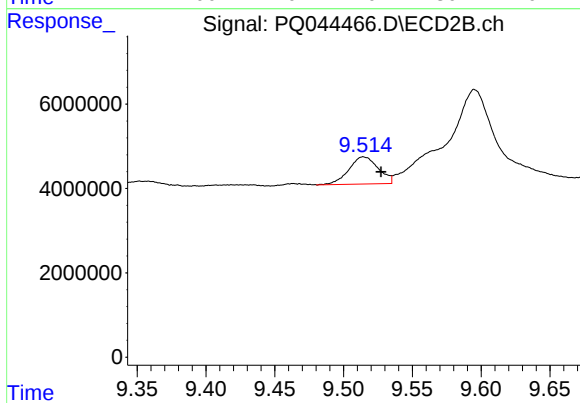
#44 AR-1268-4

R.T.: 9.202 min
Delta R.T.: -0.010 min
Response: 13770890
Conc: 42.11 ng/ml



#45 AR-1268-5

R.T.: 11.218 min
Delta R.T.: -0.002 min
Response: 5309334
Conc: 2.44 ng/ml



#45 AR-1268-5

R.T.: 9.515 min
Delta R.T.: -0.013 min
Response: 9664873
Conc: 3.71 ng/ml