

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052919\
 Data File : PQ040370.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 May 2019 19:56
 Operator : SM\AJ
 Sample : K3078-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETMT8

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 30 03:47:35 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 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...	5.590	4.731	44822644	33041268	13.683	15.384
2)	SA Decachlor...	11.893	10.449	144.7E6	89983430	20.261	21.641
Target Compounds							
3)	L1 AR-1016-1	7.063	6.196	33965540	16133794	203.031	125.772 #
4)	L1 AR-1016-2	7.063	6.196	33965540	16133794	129.195	83.589 #
5)	L1 AR-1016-3	7.136	6.411	2119093	7053638	12.416	65.403 #
6)	L1 AR-1016-4	7.245	6.463	9050267	34664305	65.475	407.102 #
7)	L1 AR-1016-5	7.625	6.715	12002653	35200524	86.521	305.719 #
8)	L2 AR-1221-1	0.000	5.069	0	462992	N.D.	18.892 #
9)	L2 AR-1221-2	5.985	5.147	1083962	1610442	49.200	98.875 #
10)	L2 AR-1221-3	6.095	5.252	2500694	222602	28.307	3.661 #
11)	L3 AR-1232-1	6.095	5.252	2500694	222602	38.610	4.858 #
12)	L3 AR-1232-2	6.725	6.196	2314965	16133794	58.388	268.957 #
13)	L3 AR-1232-3	7.063	6.411	33965540	7053638	420.302	200.571 #
14)	L3 AR-1232-4	7.245	6.511	9050267	29811438	216.522	1008.907 #
15)	L3 AR-1232-5	7.351	6.715	46213165	35200524	1458.174	1169.282
16)	L4 AR-1242-1	7.063	6.196	33965540	16133794	350.319	218.177 #
17)	L4 AR-1242-2	7.063	6.196	33965540	16133794	235.026	151.549 #
18)	L4 AR-1242-3	7.136	6.411	2119093	7053638	22.764	116.928 #
19)	L4 AR-1242-4	7.245	6.511	9050267	29811438	120.332	500.189 #
20)	L4 AR-1242-5	8.068	7.124	69148612	61326542	797.621	760.985
21)	L5 AR-1248-1	7.063	6.196	33965540	16133794	438.817	279.987 #
22)	L5 AR-1248-2	7.351	6.463	46213165	34664305	410.302	394.273
23)	L5 AR-1248-3	7.625	6.511	12002653	29811438	86.959	329.468 #
24)	L5 AR-1248-4	8.068	6.715	69148612	35200524	458.030	318.760 #
25)	L5 AR-1248-5	8.068	7.170	69148612	53790751	459.281	473.779
26)	L6 AR-1254-1	8.027	7.124	54412303	61326542	312.007	320.183
27)	L6 AR-1254-2	8.237	7.291	70056465	27697687	253.320	159.429 #
28)	L6 AR-1254-3	8.628	7.738	61486720	57150062	207.176	197.763
29)	L6 AR-1254-4	8.930	7.988	36806994	31507345	177.103	176.465
30)	L6 AR-1254-5	9.368	8.431	33565933	26517132	116.551	102.927
31)	L7 AR-1260-1	8.798	7.893	15074098	10784498	45.348	39.340
32)	L7 AR-1260-2	9.068	8.082	20863687	14099007	51.647	40.758
33)	L7 AR-1260-3	9.440	8.245	10552427	12256730	31.988	38.218
34)	L7 AR-1260-4	9.678	8.741	13380744	8157952	36.308	30.023
35)	L7 AR-1260-5	10.019	8.995	20509985	20747768	26.634	30.866
36)	L8 AR-1262-1	9.501	8.525	4377735	6101048	31.491	53.732 #
37)	L8 AR-1262-2	10.019	8.995	20509985	20747768	35.438	41.818
38)	L8 AR-1262-3	10.367	9.285	15183179	3149962	35.910	14.982 #
39)	L8 AR-1262-4	10.421	9.353	9273621	13679055	24.553	36.128 #
40)	L8 AR-1262-5	11.126	9.875	6777071	6035168	28.844	37.224 #
41)	L9 AR-1268-1	10.367	9.285	15183179	3149962	25.205	6.903 #
42)	L9 AR-1268-2	10.421	9.353	9273621	13679055	15.071	31.289 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052919\
 Data File : PQ040370.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 May 2019 19:56
 Operator : SM\AJ
 Sample : K3078-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

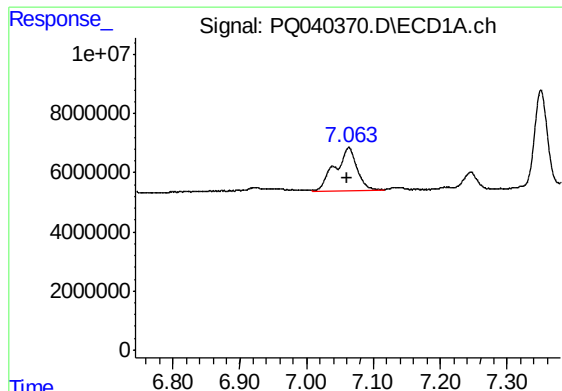
Instrument :
 ECD_Q
 ClientSampleId :
 ETMT8

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 30 03:47:35 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
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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
43) L9	AR-1268-3	10.737	9.562	2150749	865847	3.960	2.306 #
44) L9	AR-1268-4	11.126	9.875	6777071	6035168	33.227	43.802 #
45) L9	AR-1268-5	11.554	10.183	2537021	3136224	1.373	2.657 #

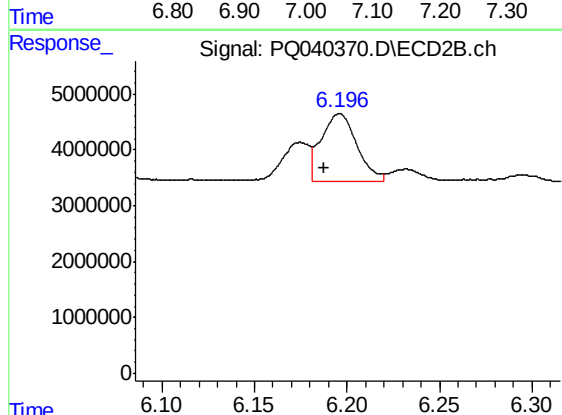
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

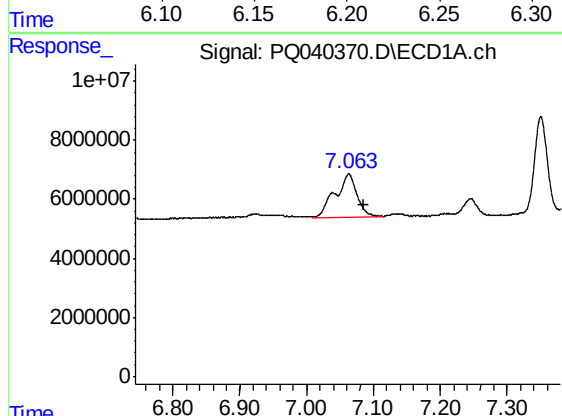
R.T.: 7.063 min
Delta R.T.: 0.002 min
Response: 33965540
Conc: 203.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMT8



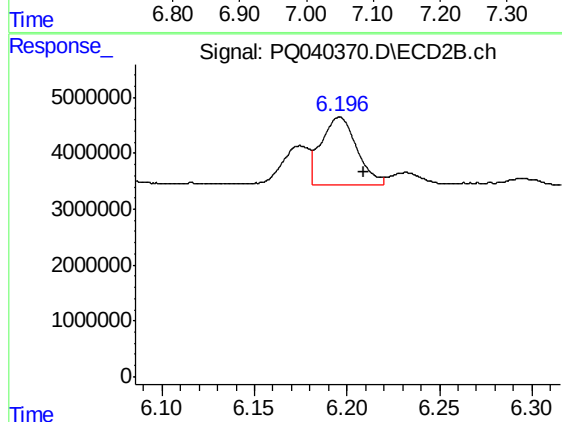
#3 AR-1016-1

R.T.: 6.196 min
Delta R.T.: 0.008 min
Response: 16133794
Conc: 125.77 ng/ml



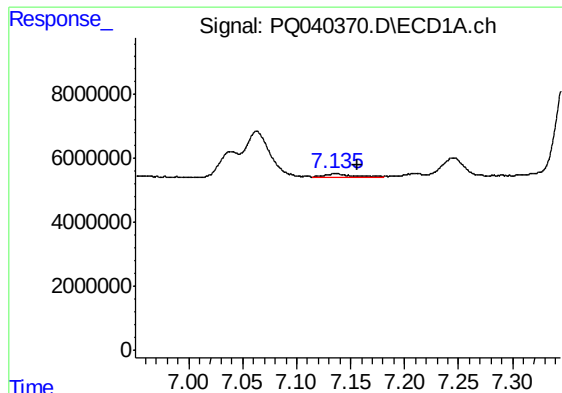
#4 AR-1016-2

R.T.: 7.063 min
Delta R.T.: -0.022 min
Response: 33965540
Conc: 129.19 ng/ml



#4 AR-1016-2

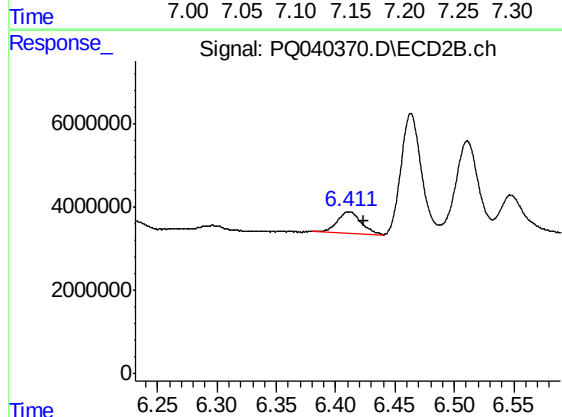
R.T.: 6.196 min
Delta R.T.: -0.013 min
Response: 16133794
Conc: 83.59 ng/ml



#5 AR-1016-3

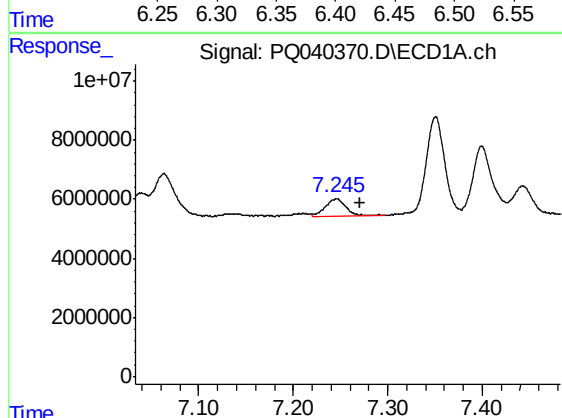
R.T.: 7.136 min
Delta R.T.: -0.020 min
Response: 2119093
Conc: 12.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMT8



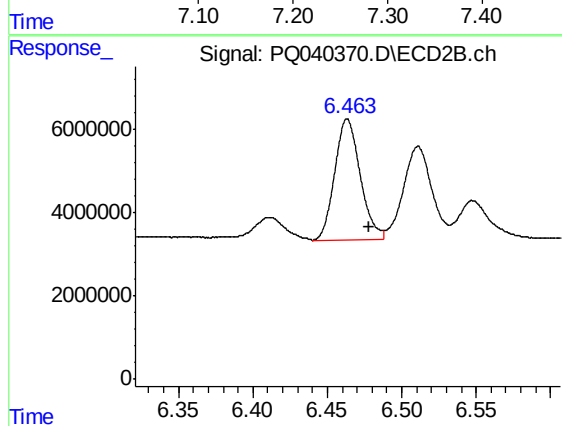
#5 AR-1016-3

R.T.: 6.411 min
Delta R.T.: -0.012 min
Response: 7053638
Conc: 65.40 ng/ml



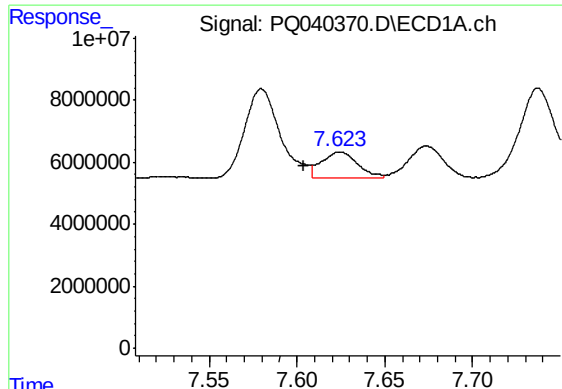
#6 AR-1016-4

R.T.: 7.245 min
Delta R.T.: -0.025 min
Response: 9050267
Conc: 65.48 ng/ml



#6 AR-1016-4

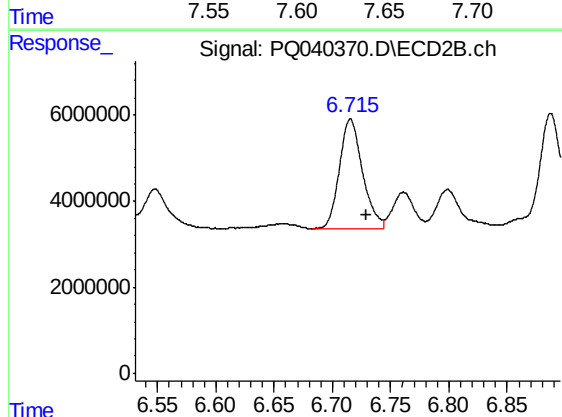
R.T.: 6.463 min
Delta R.T.: -0.015 min
Response: 34664305
Conc: 407.10 ng/ml



#7 AR-1016-5

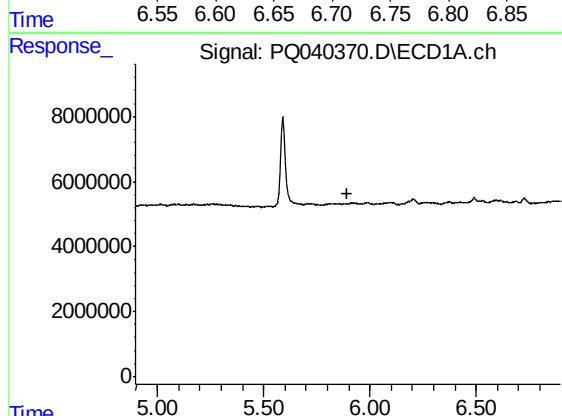
R.T.: 7.625 min
Delta R.T.: 0.021 min
Response: 12002653
Conc: 86.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMT8



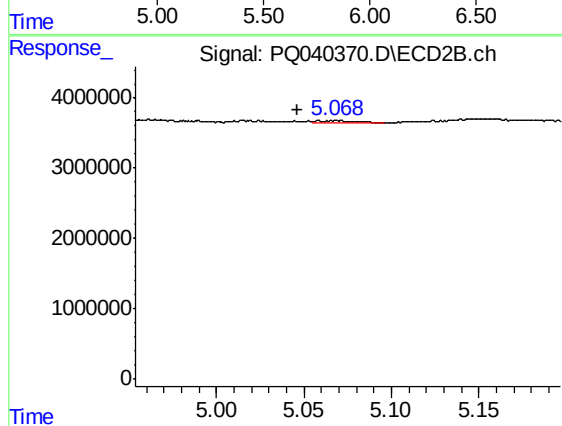
#7 AR-1016-5

R.T.: 6.715 min
Delta R.T.: -0.014 min
Response: 35200524
Conc: 305.72 ng/ml



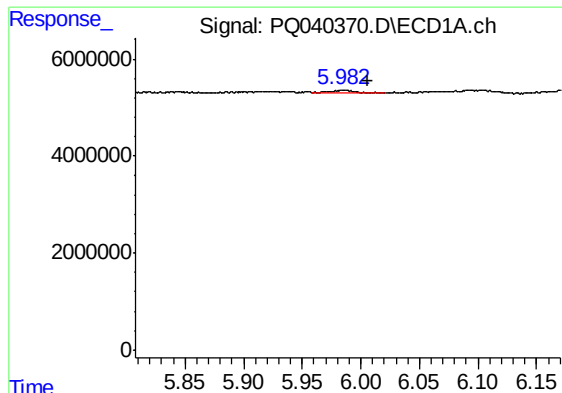
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.897 min
Response: 0
Conc: N.D.



#8 AR-1221-1

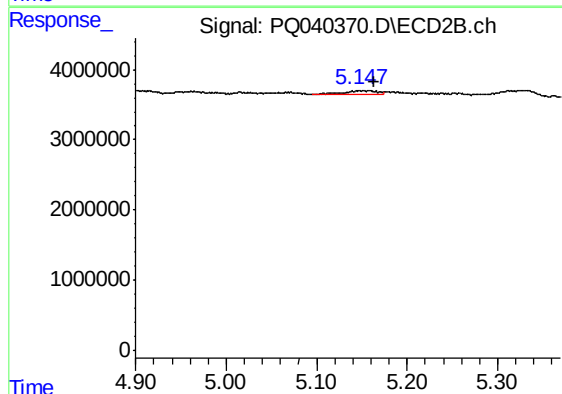
R.T.: 5.069 min
Delta R.T.: 0.022 min
Response: 462992
Conc: 18.89 ng/ml



#9 AR-1221-2

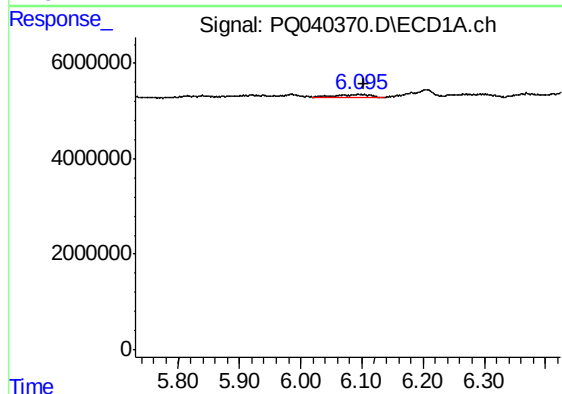
R.T.: 5.985 min
Delta R.T.: -0.021 min
Response: 1083962
Conc: 49.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMT8



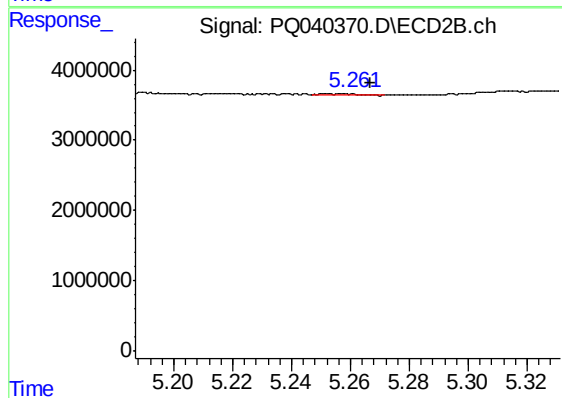
#9 AR-1221-2

R.T.: 5.147 min
Delta R.T.: -0.016 min
Response: 1610442
Conc: 98.87 ng/ml



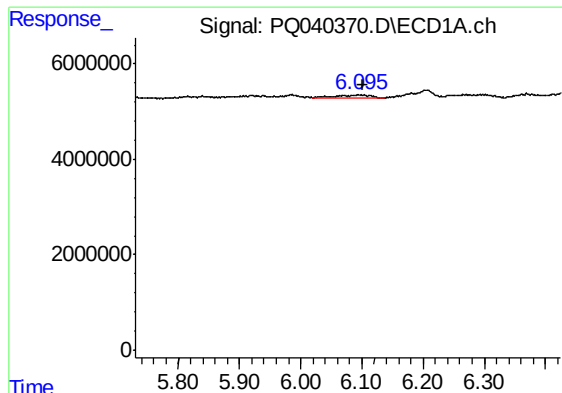
#10 AR-1221-3

R.T.: 6.095 min
Delta R.T.: -0.008 min
Response: 2500694
Conc: 28.31 ng/ml



#10 AR-1221-3

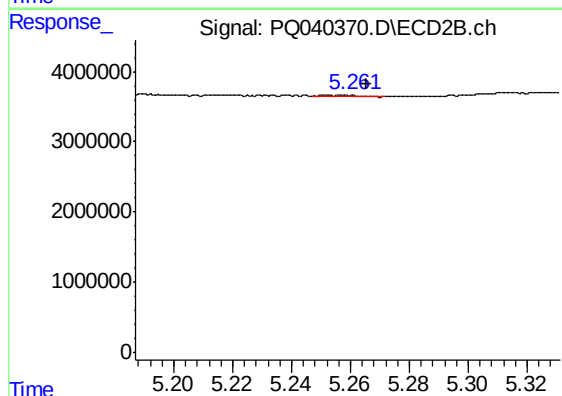
R.T.: 5.252 min
Delta R.T.: -0.014 min
Response: 222602
Conc: 3.66 ng/ml



#11 AR-1232-1

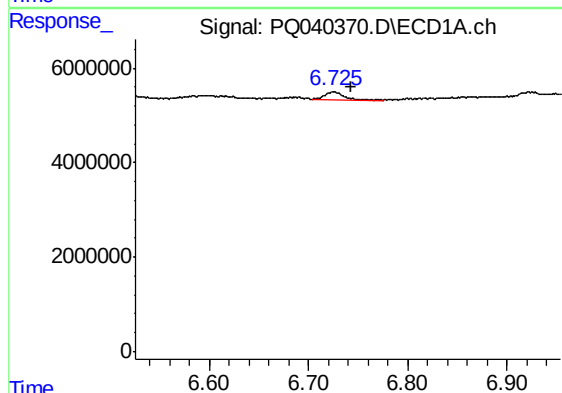
R.T.: 6.095 min
Delta R.T.: -0.006 min
Response: 2500694
Conc: 38.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMT8



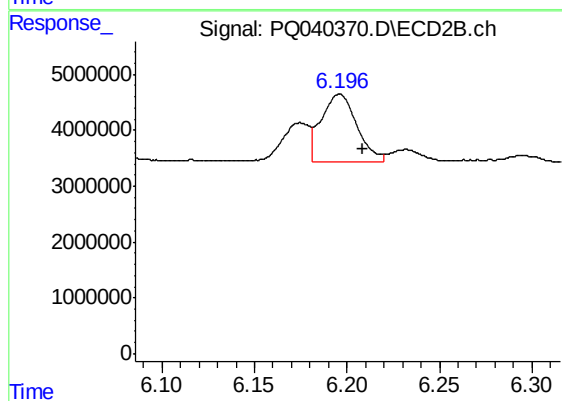
#11 AR-1232-1

R.T.: 5.252 min
Delta R.T.: -0.013 min
Response: 222602
Conc: 4.86 ng/ml



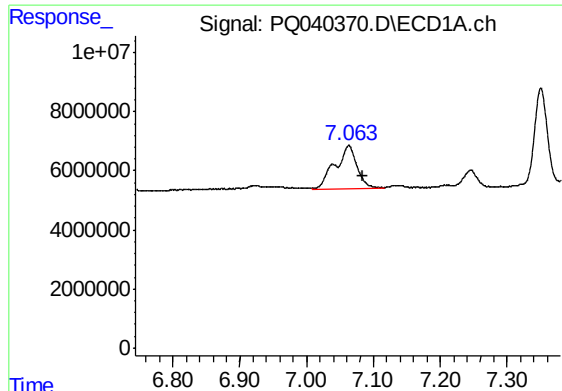
#12 AR-1232-2

R.T.: 6.725 min
Delta R.T.: -0.018 min
Response: 2314965
Conc: 58.39 ng/ml



#12 AR-1232-2

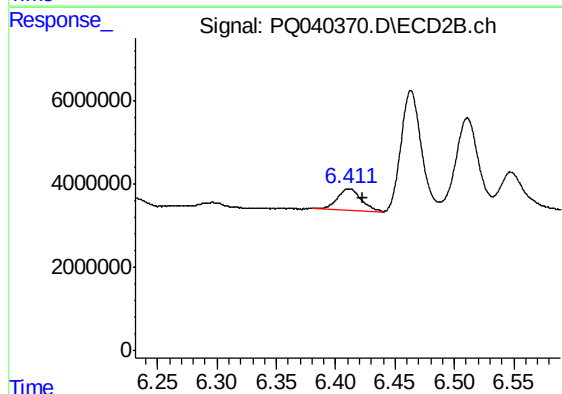
R.T.: 6.196 min
Delta R.T.: -0.012 min
Response: 16133794
Conc: 268.96 ng/ml



#13 AR-1232-3

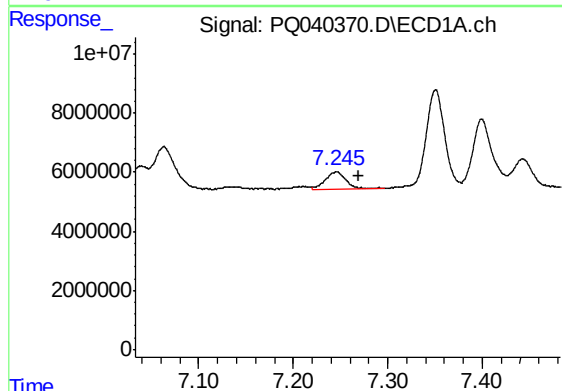
R.T.: 7.063 min
Delta R.T.: -0.021 min
Response: 33965540
Conc: 420.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMT8



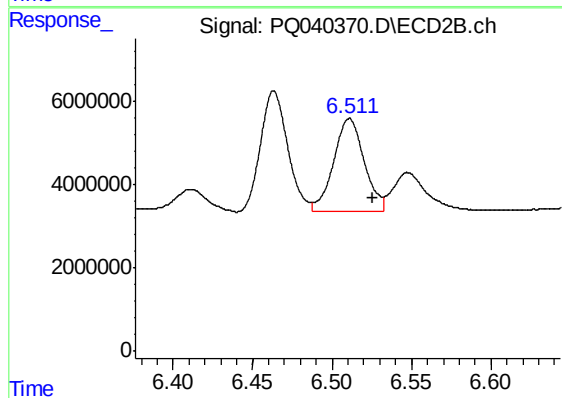
#13 AR-1232-3

R.T.: 6.411 min
Delta R.T.: -0.012 min
Response: 7053638
Conc: 200.57 ng/ml



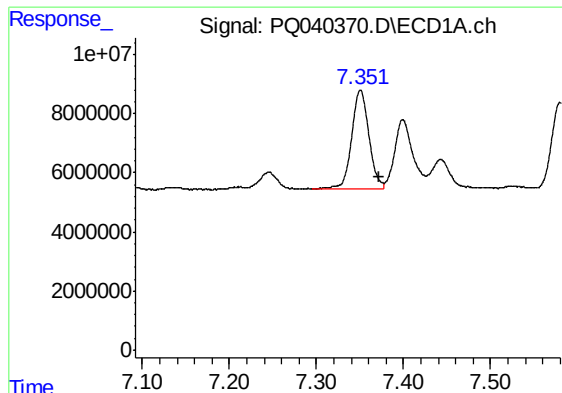
#14 AR-1232-4

R.T.: 7.245 min
Delta R.T.: -0.024 min
Response: 9050267
Conc: 216.52 ng/ml



#14 AR-1232-4

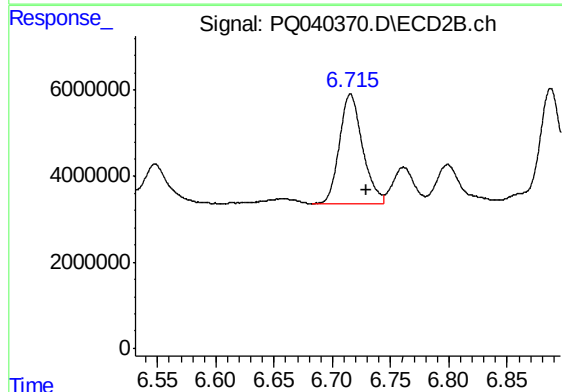
R.T.: 6.511 min
Delta R.T.: -0.015 min
Response: 29811438
Conc: 1008.91 ng/ml



#15 AR-1232-5

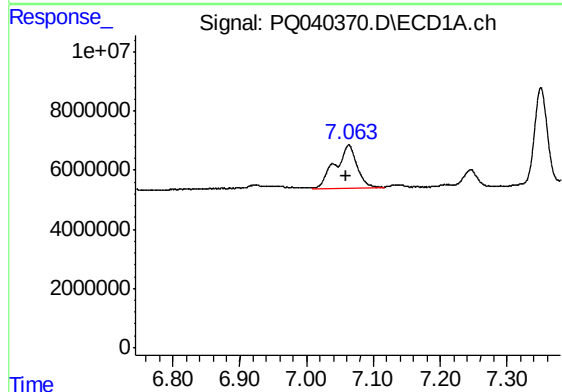
R.T.: 7.351 min
Delta R.T.: -0.022 min
Response: 46213165
Conc: 1458.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMT8



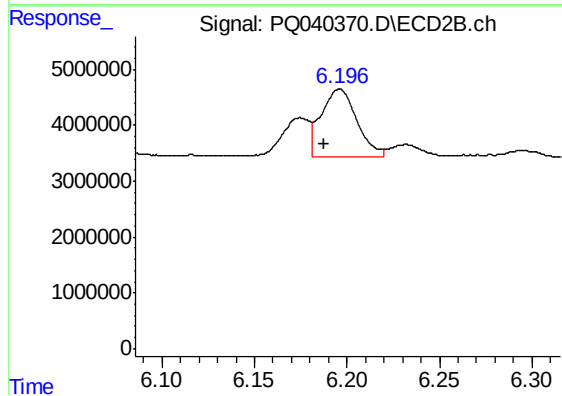
#15 AR-1232-5

R.T.: 6.715 min
Delta R.T.: -0.014 min
Response: 35200524
Conc: 1169.28 ng/ml



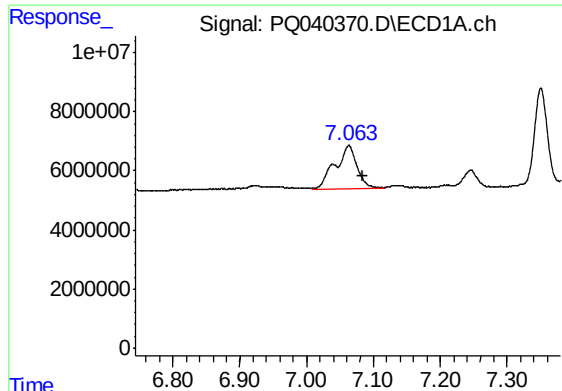
#16 AR-1242-1

R.T.: 7.063 min
Delta R.T.: 0.003 min
Response: 33965540
Conc: 350.32 ng/ml



#16 AR-1242-1

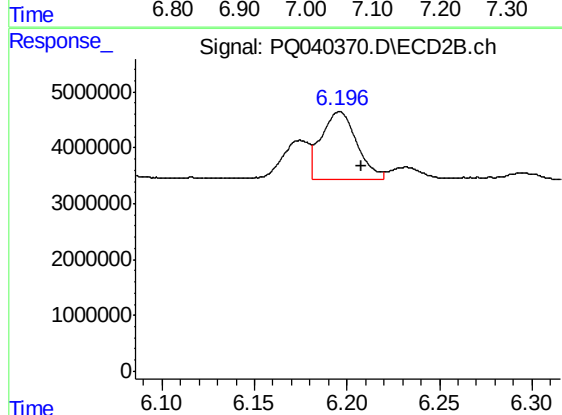
R.T.: 6.196 min
Delta R.T.: 0.009 min
Response: 16133794
Conc: 218.18 ng/ml



#17 AR-1242-2

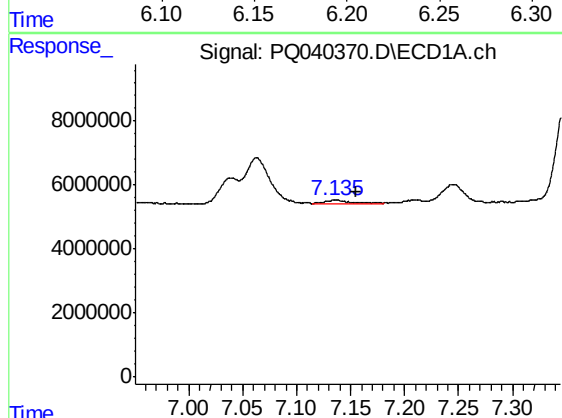
R.T.: 7.063 min
Delta R.T.: -0.022 min
Response: 33965540
Conc: 235.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMT8



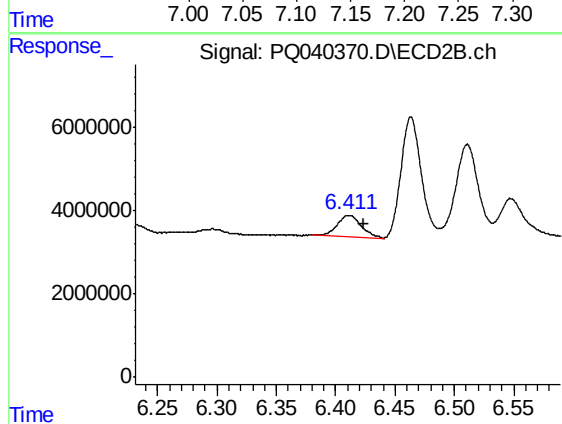
#17 AR-1242-2

R.T.: 6.196 min
Delta R.T.: -0.011 min
Response: 16133794
Conc: 151.55 ng/ml



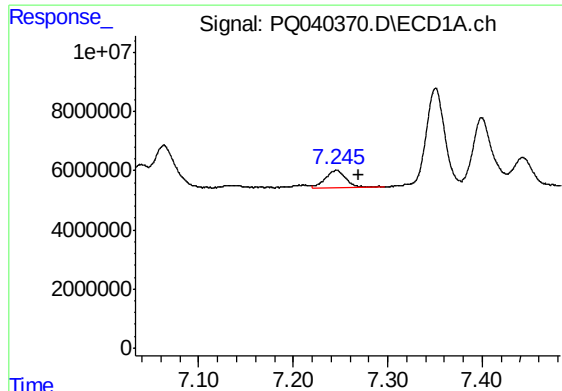
#18 AR-1242-3

R.T.: 7.136 min
Delta R.T.: -0.019 min
Response: 2119093
Conc: 22.76 ng/ml



#18 AR-1242-3

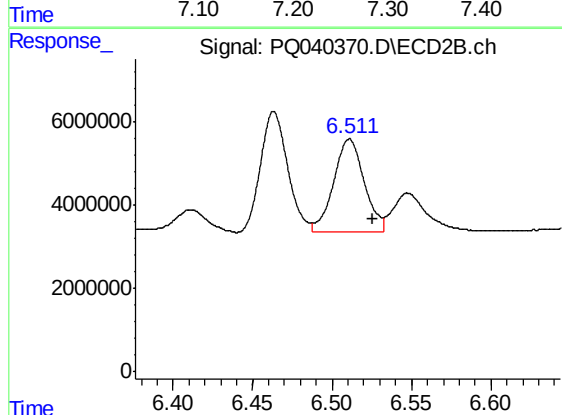
R.T.: 6.411 min
Delta R.T.: -0.012 min
Response: 7053638
Conc: 116.93 ng/ml



#19 AR-1242-4

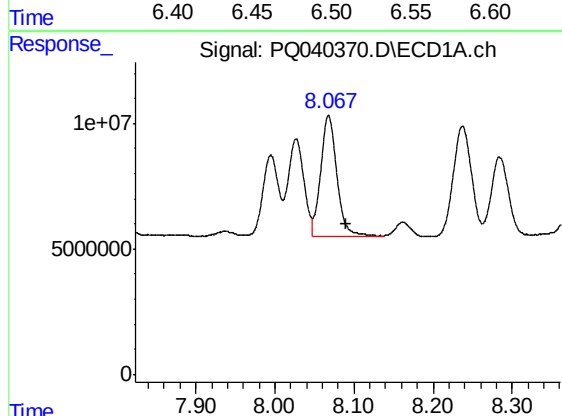
R.T.: 7.245 min
Delta R.T.: -0.025 min
Response: 9050267
Conc: 120.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMT8



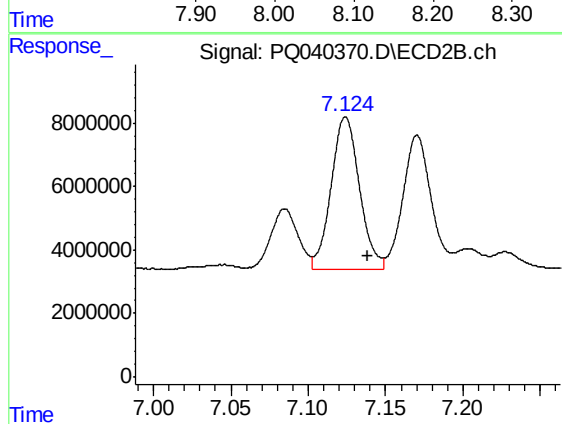
#19 AR-1242-4

R.T.: 6.511 min
Delta R.T.: -0.014 min
Response: 29811438
Conc: 500.19 ng/ml



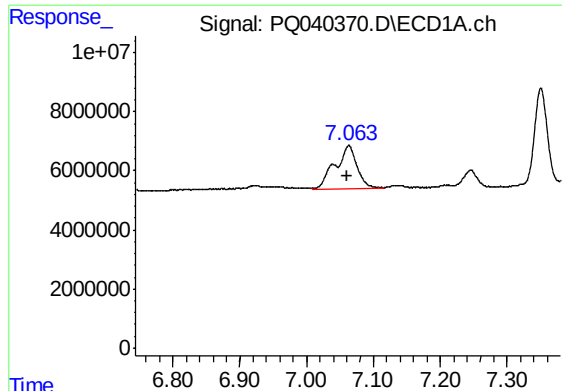
#20 AR-1242-5

R.T.: 8.068 min
Delta R.T.: -0.023 min
Response: 69148612
Conc: 797.62 ng/ml



#20 AR-1242-5

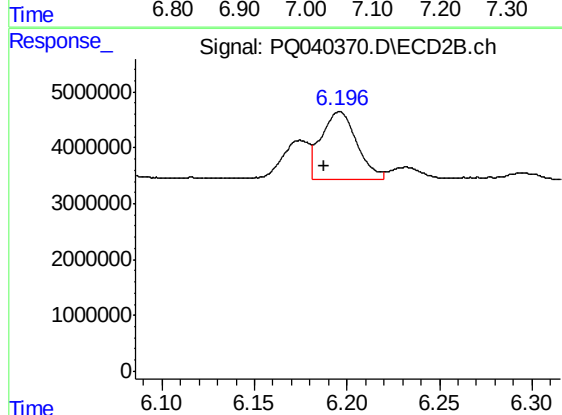
R.T.: 7.124 min
Delta R.T.: -0.014 min
Response: 61326542
Conc: 760.98 ng/ml



#21 AR-1248-1

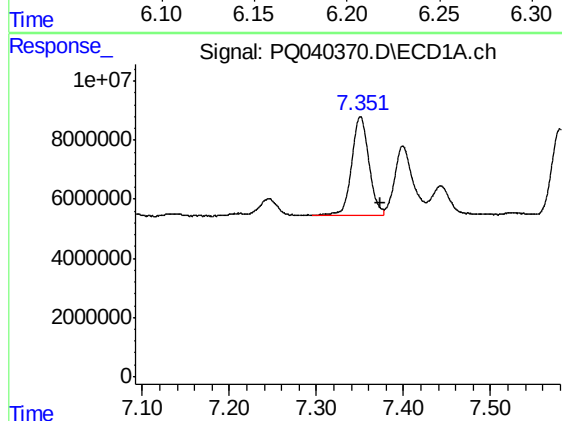
R.T.: 7.063 min
Delta R.T.: 0.002 min
Response: 33965540
Conc: 438.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMT8



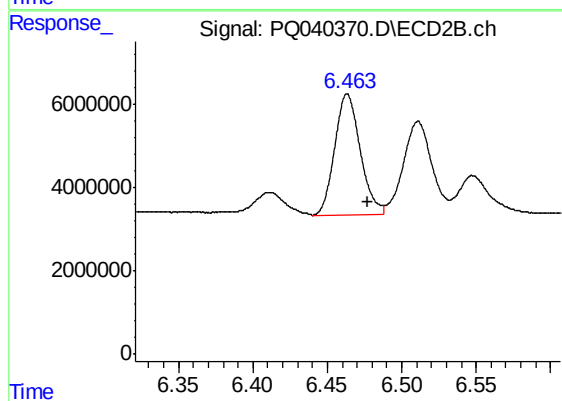
#21 AR-1248-1

R.T.: 6.196 min
Delta R.T.: 0.008 min
Response: 16133794
Conc: 279.99 ng/ml



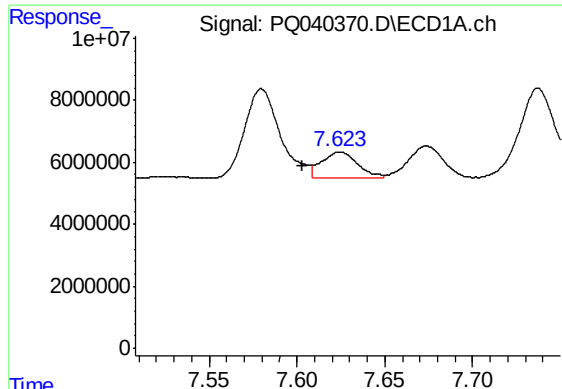
#22 AR-1248-2

R.T.: 7.351 min
Delta R.T.: -0.023 min
Response: 46213165
Conc: 410.30 ng/ml



#22 AR-1248-2

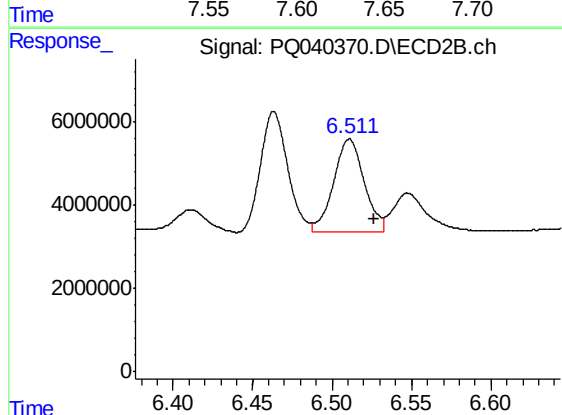
R.T.: 6.463 min
Delta R.T.: -0.014 min
Response: 34664305
Conc: 394.27 ng/ml



#23 AR-1248-3

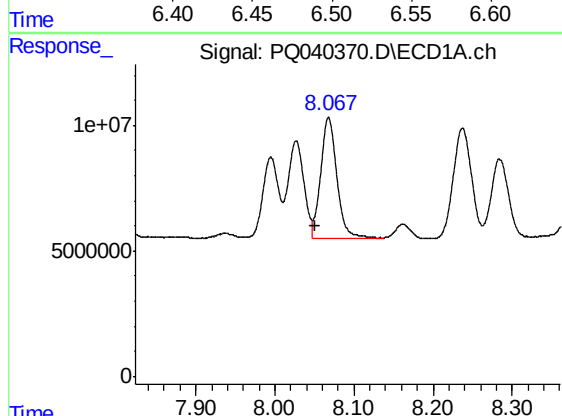
R.T.: 7.625 min
Delta R.T.: 0.021 min
Response: 12002653
Conc: 86.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMT8



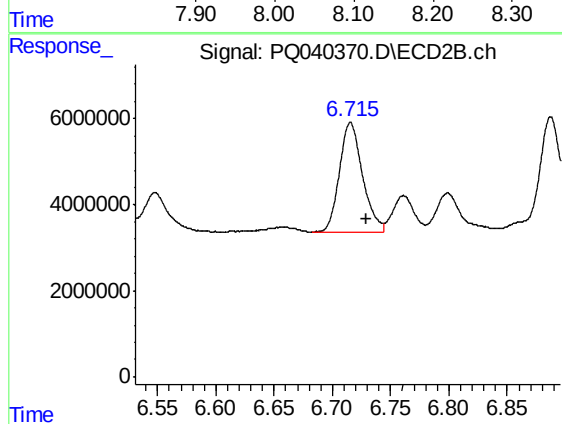
#23 AR-1248-3

R.T.: 6.511 min
Delta R.T.: -0.015 min
Response: 29811438
Conc: 329.47 ng/ml



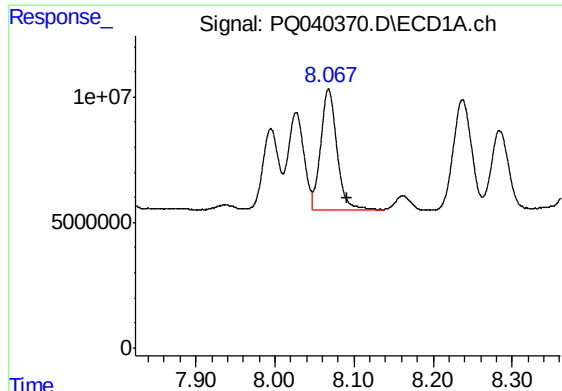
#24 AR-1248-4

R.T.: 8.068 min
Delta R.T.: 0.017 min
Response: 69148612
Conc: 458.03 ng/ml



#24 AR-1248-4

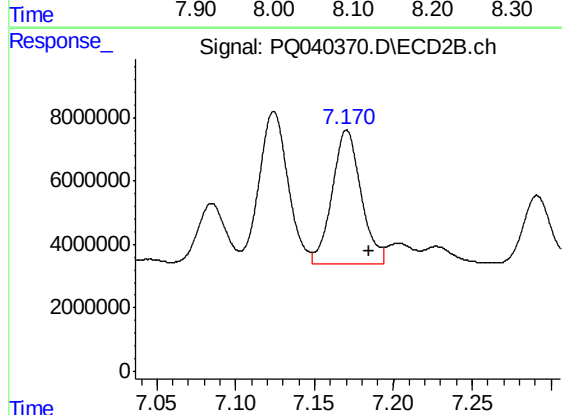
R.T.: 6.715 min
Delta R.T.: -0.014 min
Response: 35200524
Conc: 318.76 ng/ml



#25 AR-1248-5

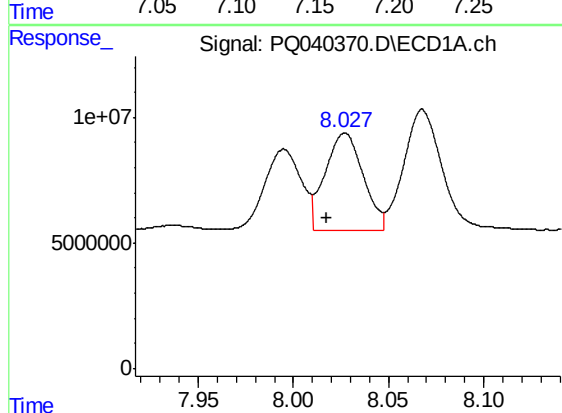
R.T.: 8.068 min
Delta R.T.: -0.023 min
Response: 69148612
Conc: 459.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMT8



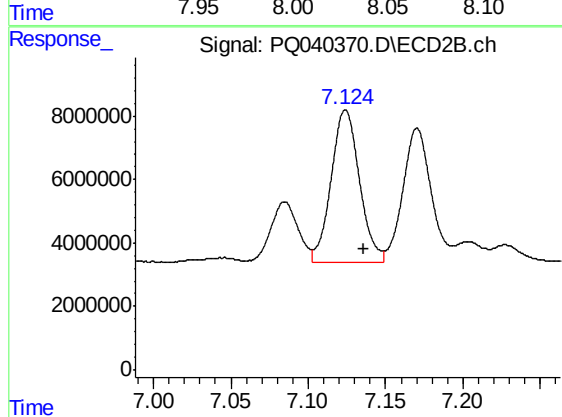
#25 AR-1248-5

R.T.: 7.170 min
Delta R.T.: -0.014 min
Response: 53790751
Conc: 473.78 ng/ml



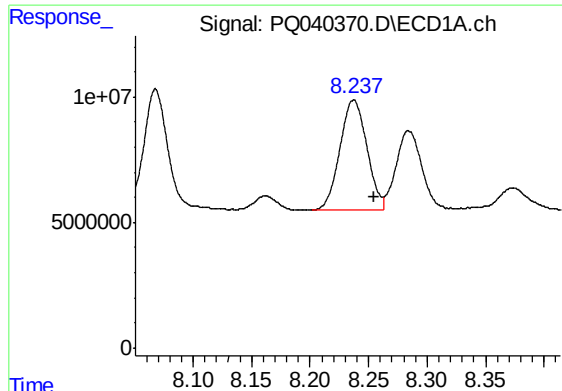
#26 AR-1254-1

R.T.: 8.027 min
Delta R.T.: 0.010 min
Response: 54412303
Conc: 312.01 ng/ml



#26 AR-1254-1

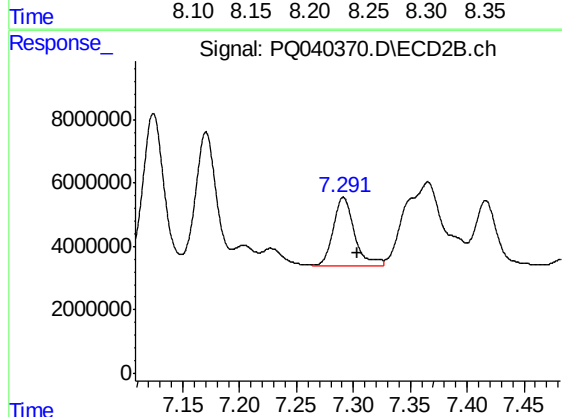
R.T.: 7.124 min
Delta R.T.: -0.012 min
Response: 61326542
Conc: 320.18 ng/ml



#27 AR-1254-2

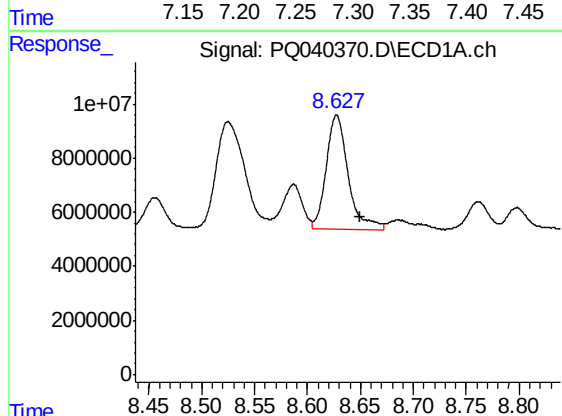
R.T.: 8.237 min
Delta R.T.: -0.017 min
Response: 70056465
Conc: 253.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMT8



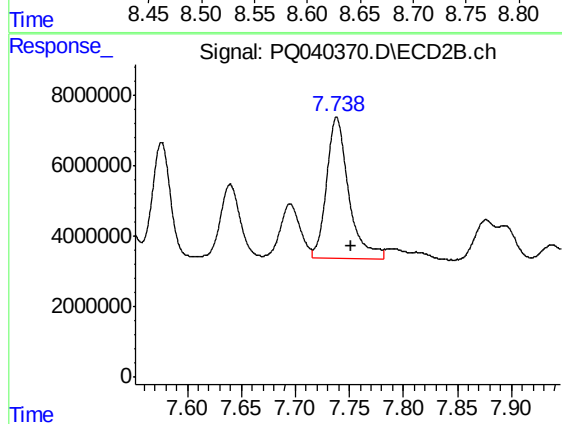
#27 AR-1254-2

R.T.: 7.291 min
Delta R.T.: -0.013 min
Response: 27697687
Conc: 159.43 ng/ml



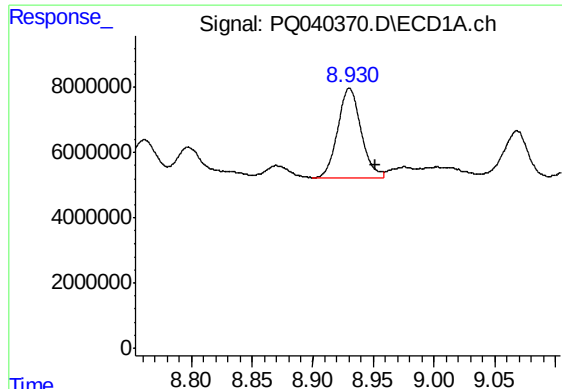
#28 AR-1254-3

R.T.: 8.628 min
Delta R.T.: -0.022 min
Response: 61486720
Conc: 207.18 ng/ml



#28 AR-1254-3

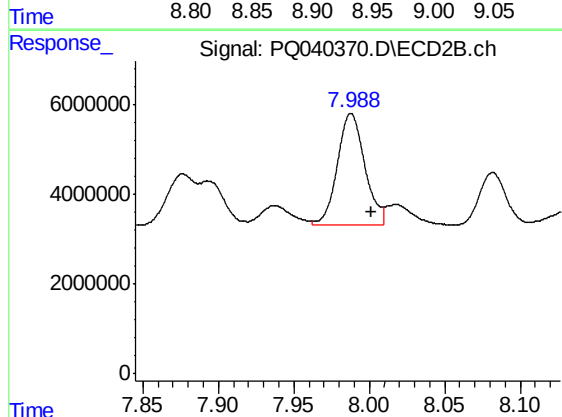
R.T.: 7.738 min
Delta R.T.: -0.014 min
Response: 57150062
Conc: 197.76 ng/ml



#29 AR-1254-4

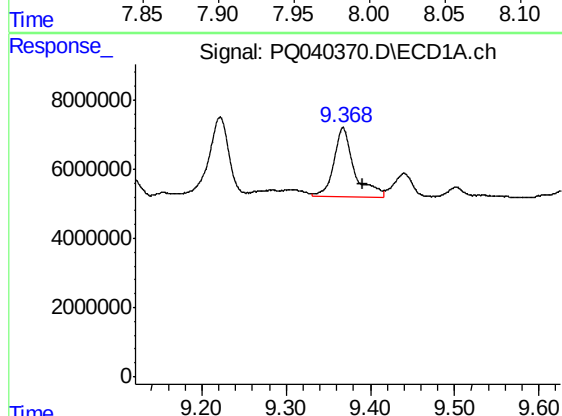
R.T.: 8.930 min
Delta R.T.: -0.022 min
Response: 36806994
Conc: 177.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMT8



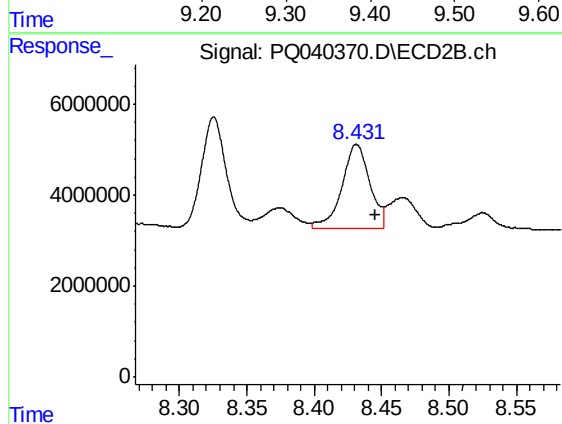
#29 AR-1254-4

R.T.: 7.988 min
Delta R.T.: -0.014 min
Response: 31507345
Conc: 176.46 ng/ml



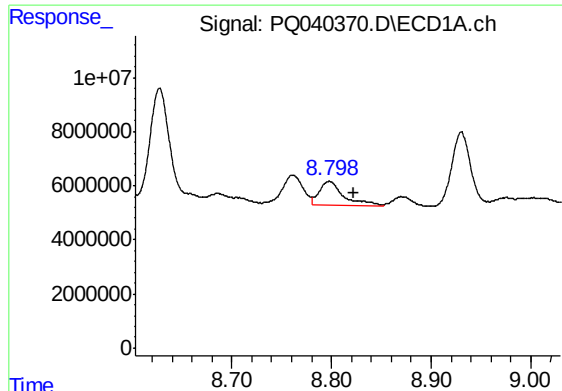
#30 AR-1254-5

R.T.: 9.368 min
Delta R.T.: -0.023 min
Response: 33565933
Conc: 116.55 ng/ml



#30 AR-1254-5

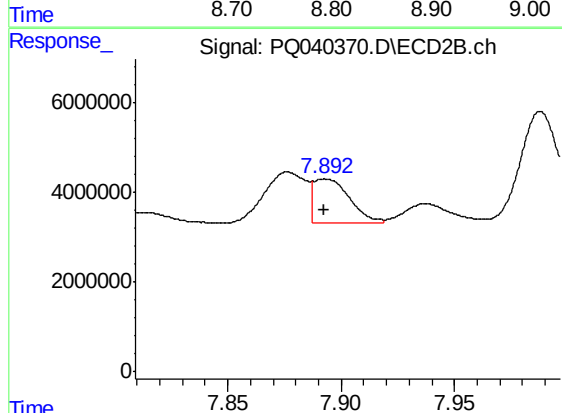
R.T.: 8.431 min
Delta R.T.: -0.014 min
Response: 26517132
Conc: 102.93 ng/ml



#31 AR-1260-1

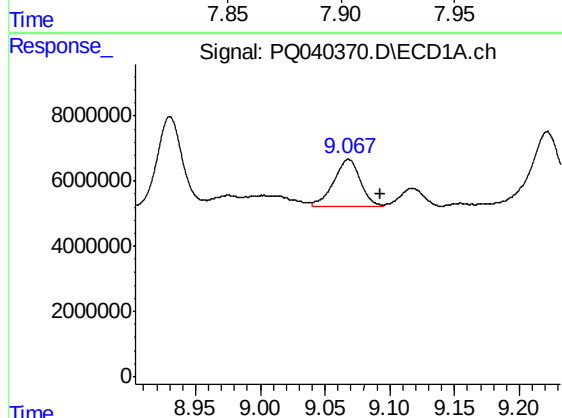
R.T.: 8.798 min
Delta R.T.: -0.025 min
Response: 15074098
Conc: 45.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMT8



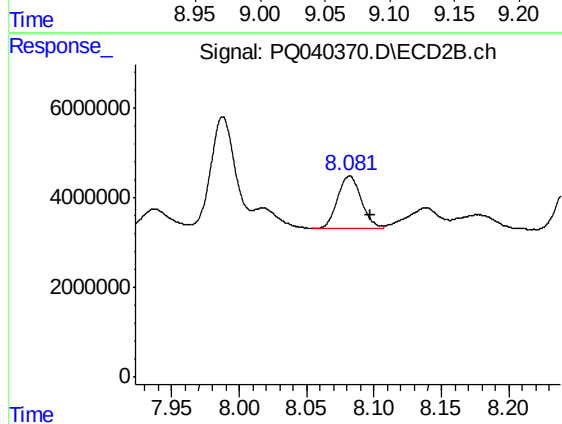
#31 AR-1260-1

R.T.: 7.893 min
Delta R.T.: 0.000 min
Response: 10784498
Conc: 39.34 ng/ml



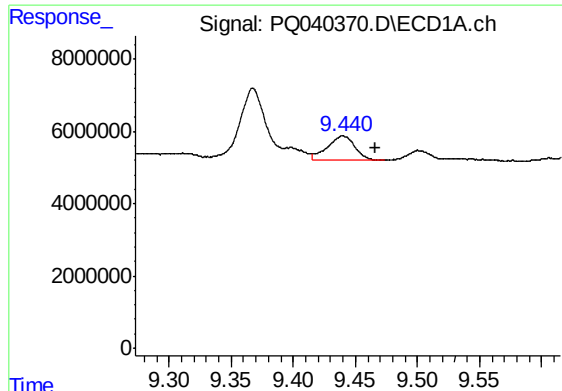
#32 AR-1260-2

R.T.: 9.068 min
Delta R.T.: -0.024 min
Response: 20863687
Conc: 51.65 ng/ml



#32 AR-1260-2

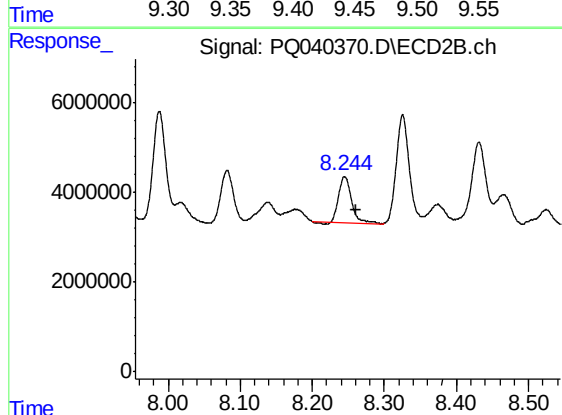
R.T.: 8.082 min
Delta R.T.: -0.015 min
Response: 14099007
Conc: 40.76 ng/ml



#33 AR-1260-3

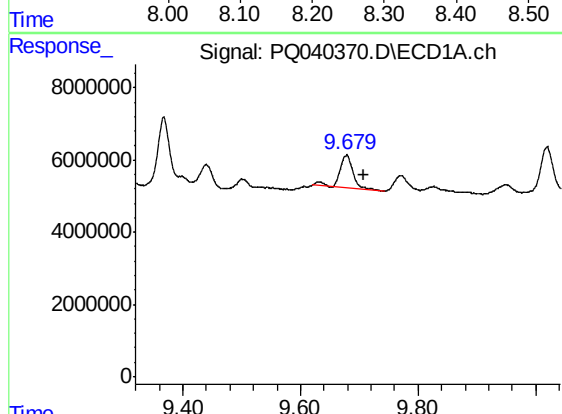
R.T.: 9.440 min
Delta R.T.: -0.027 min
Response: 10552427
Conc: 31.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMT8



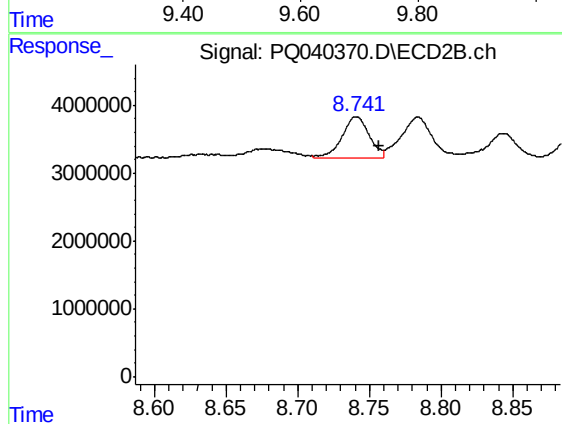
#33 AR-1260-3

R.T.: 8.245 min
Delta R.T.: -0.015 min
Response: 12256730
Conc: 38.22 ng/ml



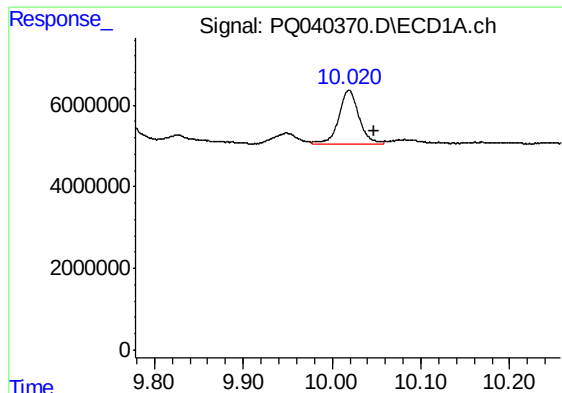
#34 AR-1260-4

R.T.: 9.678 min
Delta R.T.: -0.029 min
Response: 13380744
Conc: 36.31 ng/ml



#34 AR-1260-4

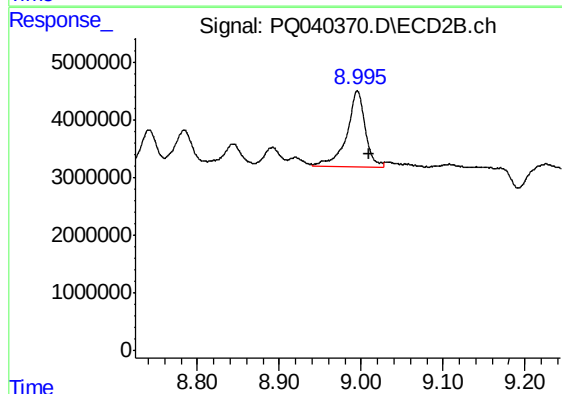
R.T.: 8.741 min
Delta R.T.: -0.016 min
Response: 8157952
Conc: 30.02 ng/ml



#35 AR-1260-5

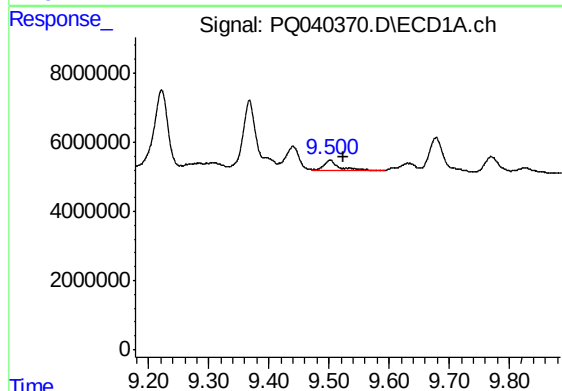
R.T.: 10.019 min
Delta R.T.: -0.028 min
Response: 20509985
Conc: 26.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMT8



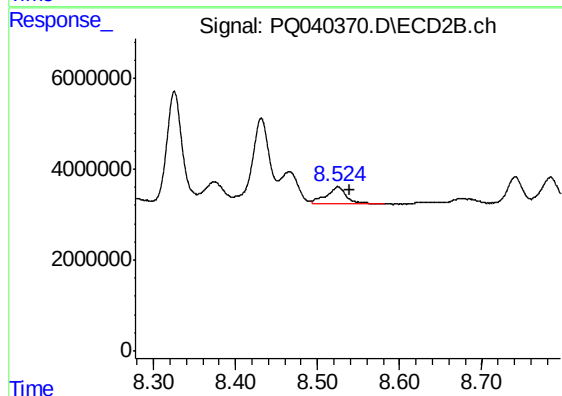
#35 AR-1260-5

R.T.: 8.995 min
Delta R.T.: -0.015 min
Response: 20747768
Conc: 30.87 ng/ml



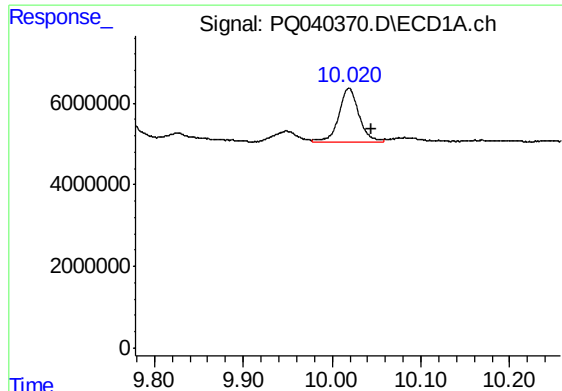
#36 AR-1262-1

R.T.: 9.501 min
Delta R.T.: -0.022 min
Response: 4377735
Conc: 31.49 ng/ml



#36 AR-1262-1

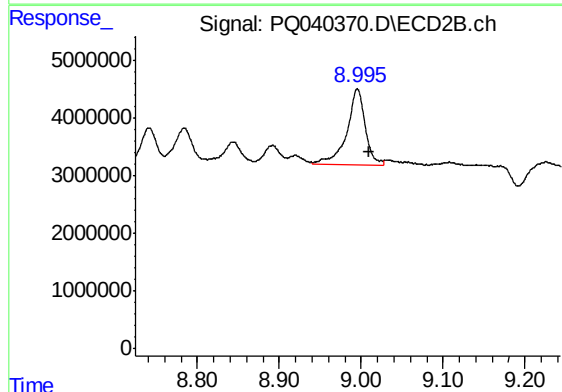
R.T.: 8.525 min
Delta R.T.: -0.014 min
Response: 6101048
Conc: 53.73 ng/ml



#37 AR-1262-2

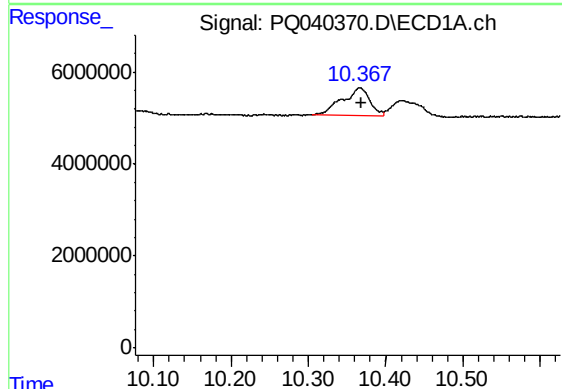
R.T.: 10.019 min
Delta R.T.: -0.026 min
Response: 20509985
Conc: 35.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMT8



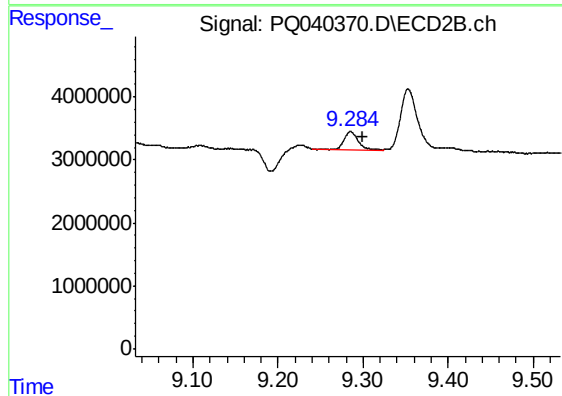
#37 AR-1262-2

R.T.: 8.995 min
Delta R.T.: -0.014 min
Response: 20747768
Conc: 41.82 ng/ml



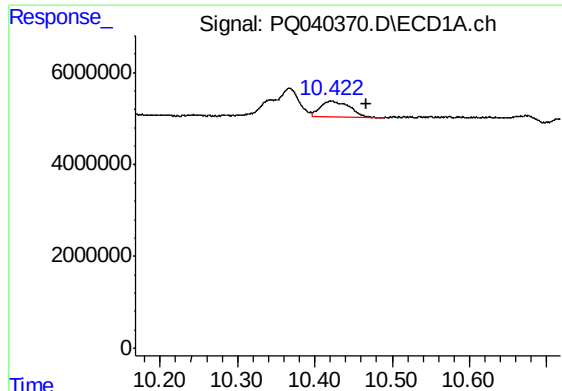
#38 AR-1262-3

R.T.: 10.367 min
Delta R.T.: -0.002 min
Response: 15183179
Conc: 35.91 ng/ml



#38 AR-1262-3

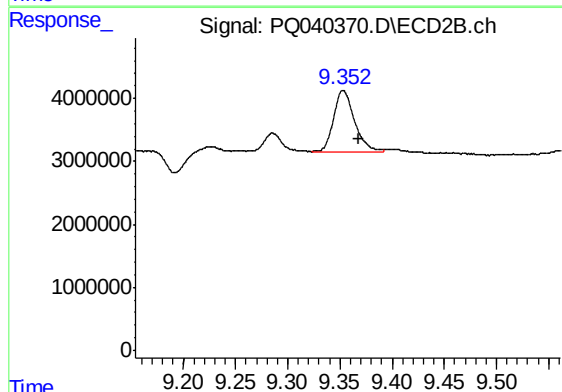
R.T.: 9.285 min
Delta R.T.: -0.015 min
Response: 3149962
Conc: 14.98 ng/ml



#39 AR-1262-4

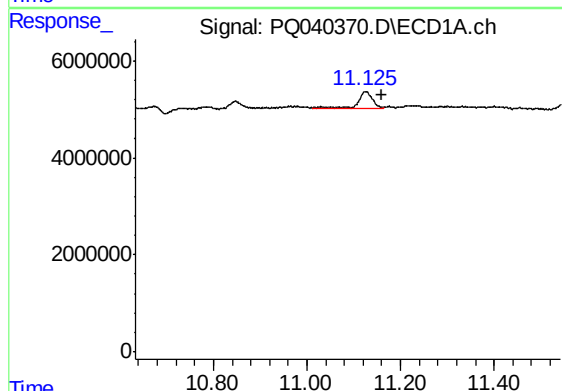
R.T.: 10.421 min
Delta R.T.: -0.046 min
Response: 9273621
Conc: 24.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMT8



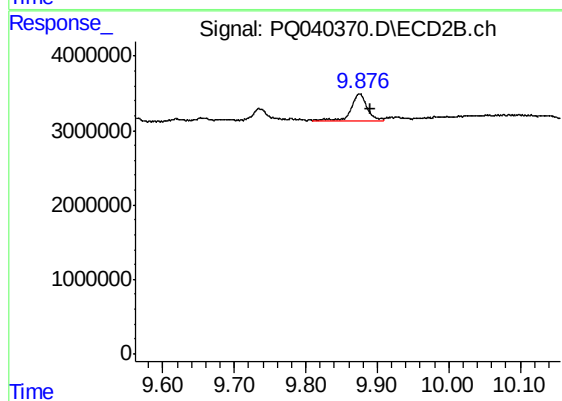
#39 AR-1262-4

R.T.: 9.353 min
Delta R.T.: -0.015 min
Response: 13679055
Conc: 36.13 ng/ml



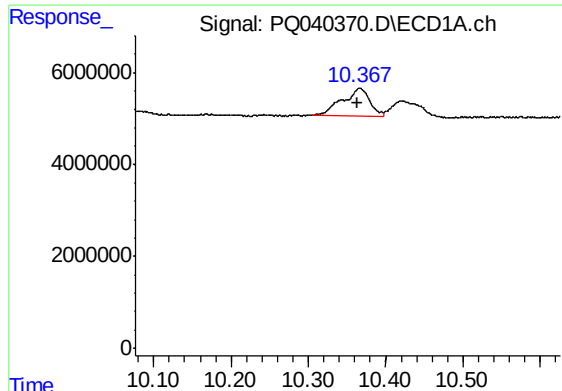
#40 AR-1262-5

R.T.: 11.126 min
Delta R.T.: -0.034 min
Response: 6777071
Conc: 28.84 ng/ml



#40 AR-1262-5

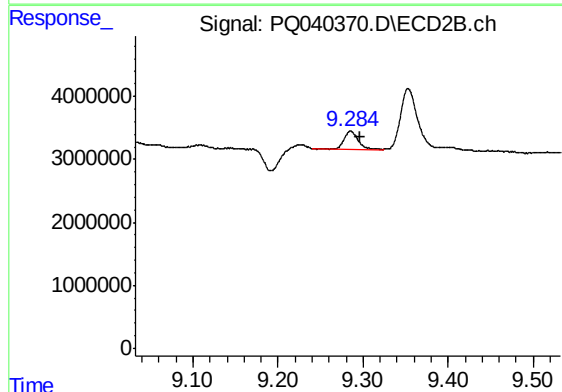
R.T.: 9.875 min
Delta R.T.: -0.015 min
Response: 6035168
Conc: 37.22 ng/ml



#41 AR-1268-1

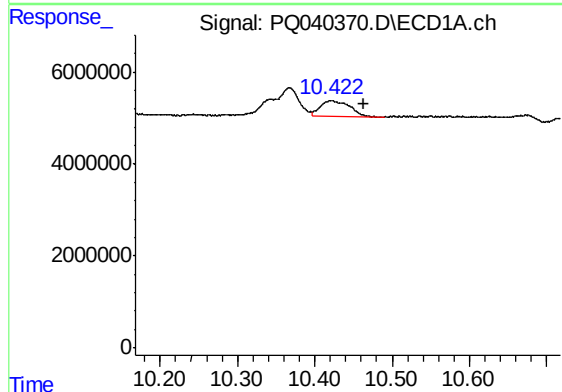
R.T.: 10.367 min
Delta R.T.: 0.003 min
Response: 15183179
Conc: 25.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMT8



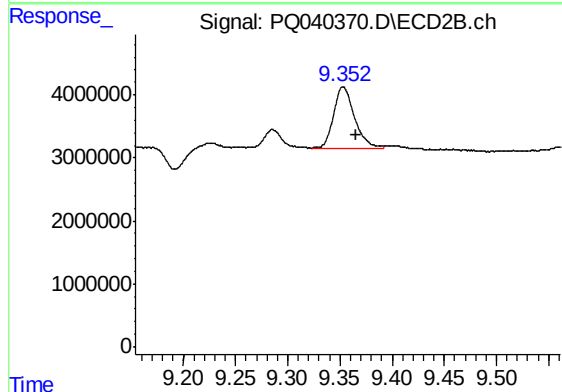
#41 AR-1268-1

R.T.: 9.285 min
Delta R.T.: -0.012 min
Response: 3149962
Conc: 6.90 ng/ml



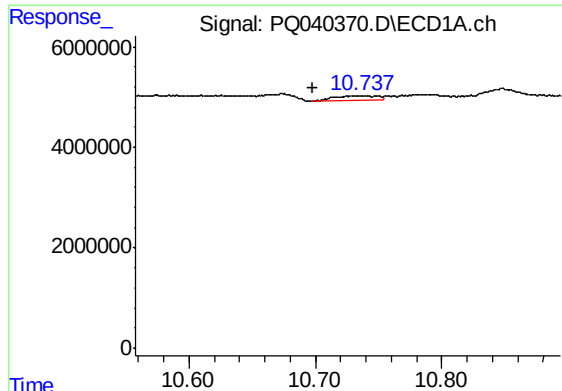
#42 AR-1268-2

R.T.: 10.421 min
Delta R.T.: -0.043 min
Response: 9273621
Conc: 15.07 ng/ml



#42 AR-1268-2

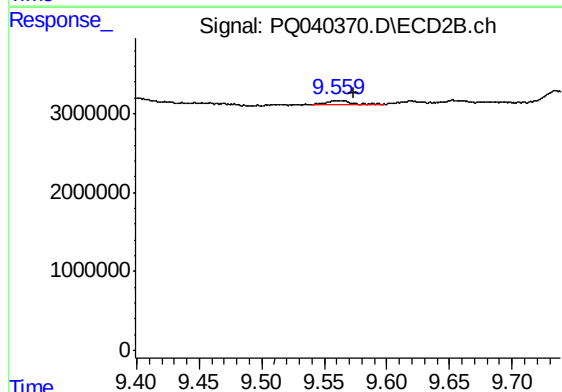
R.T.: 9.353 min
Delta R.T.: -0.013 min
Response: 13679055
Conc: 31.29 ng/ml



#43 AR-1268-3

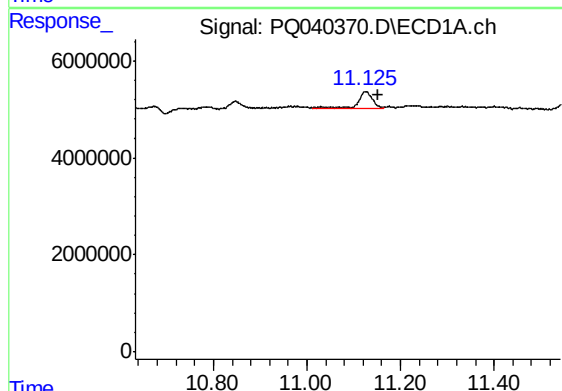
R.T.: 10.737 min
Delta R.T.: 0.039 min
Response: 2150749
Conc: 3.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMT8



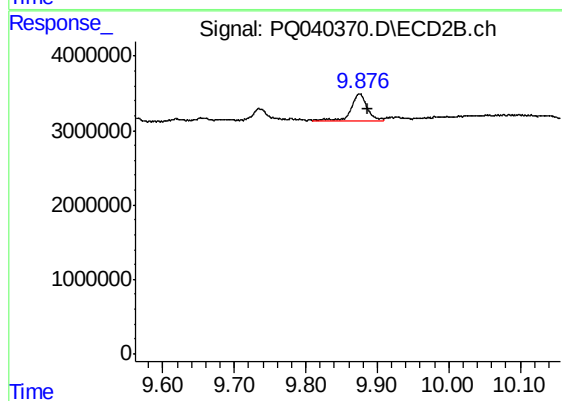
#43 AR-1268-3

R.T.: 9.562 min
Delta R.T.: -0.011 min
Response: 865847
Conc: 2.31 ng/ml



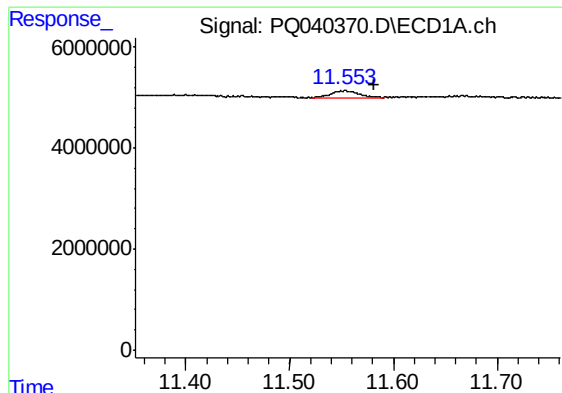
#44 AR-1268-4

R.T.: 11.126 min
Delta R.T.: -0.028 min
Response: 6777071
Conc: 33.23 ng/ml



#44 AR-1268-4

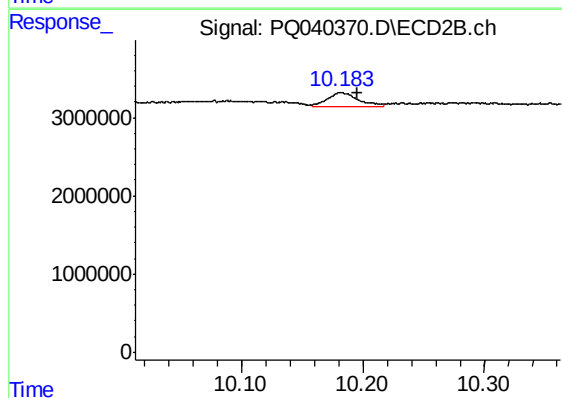
R.T.: 9.875 min
Delta R.T.: -0.012 min
Response: 6035168
Conc: 43.80 ng/ml



#45 AR-1268-5

R.T.: 11.554 min
Delta R.T.: -0.028 min
Response: 2537021
Conc: 1.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMT8



#45 AR-1268-5

R.T.: 10.183 min
Delta R.T.: -0.013 min
Response: 3136224
Conc: 2.66 ng/ml