

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080819\
 Data File : PQ042133.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Aug 2019 00:52
 Operator : SM\AJ
 Sample : K4211-16
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETP48

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 08 02:20:44 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 29 04:03:40 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...	5.680	4.740	43029414	38720264	18.762	20.091
2)	SA Decachlor...	12.065	10.488	359.9E6	265.0E6	42.687	54.782 #
Target Compounds							
3)	L1 AR-1016-1	7.120	6.189	46859552	22806880	433.547	219.784 #
4)	L1 AR-1016-2	7.186	6.216	6153776	3852058	39.314	26.887 #
5)	L1 AR-1016-3	7.186	6.441	6153776	3975673	63.619	53.313
6)	L1 AR-1016-4	7.375	6.489	5667840	9083044	72.651	146.476 #
7)	L1 AR-1016-5	7.723	6.759	57883561	46570215	736.337	572.092
12)	L3 AR-1232-2	6.774	6.216	14219674	3852058	432.778	67.547 #
13)	L3 AR-1232-3	7.186	6.441	6153776	3975673	92.173	133.325 #
14)	L3 AR-1232-4	7.375	6.552	5667840	8720260	176.697	326.642 #
15)	L3 AR-1232-5	7.472	6.759	5444514	46570215	253.348	1588.010 #
16)	L4 AR-1242-1	7.120	6.189	46859552	22806880	523.868	278.677 #
17)	L4 AR-1242-2	7.186	6.216	6153776	3852058	47.855	34.108 #
18)	L4 AR-1242-3	7.186	6.441	6153776	3975673	75.892	67.301
19)	L4 AR-1242-4	7.375	6.552	5667840	8720260	88.164	147.060 #
20)	L4 AR-1242-5	8.185	7.138	32870461	207.6E6	370.472	2338.232 #
21)	L5 AR-1248-1	7.120	6.189	46859552	22806880	632.075	343.975 #
22)	L5 AR-1248-2	7.472	6.489	5444514	9083044	59.011	104.178 #
23)	L5 AR-1248-3	7.723	6.552	57883561	8720260	516.627	97.700 #
24)	L5 AR-1248-4	8.120	6.759	688.4E6	46570215	4402.864	422.822 #
25)	L5 AR-1248-5	8.185	7.194	32870461	37159422	217.220	289.912 #
26)	L6 AR-1254-1	8.063	7.138	22689687	207.6E6	163.101	1135.259 #
27)	L6 AR-1254-2	8.334	7.307	152.1E6	26869431	664.542	165.993 #
28)	L6 AR-1254-3	8.726	7.780	87499130	23519748	320.009	81.551 #
29)	L6 AR-1254-4	9.059	8.024	24623375	22505630	100.024	103.678
30)	L6 AR-1254-5	9.480	8.491	68736582	16578630	253.785	55.121 #
31)	L7 AR-1260-1	8.922	7.907	5689017	15429873	31.981	85.046 #
32)	L7 AR-1260-2	9.210	8.099	45806345	12819588	181.573	52.253 #
33)	L7 AR-1260-3	9.591	8.269	11582439	13353822	50.549	62.760
34)	L7 AR-1260-4	9.774	8.806	23749612	9249177	93.011	45.723 #
35)	L7 AR-1260-5	10.121	9.016	23999012	23647956	35.628	40.068
36)	L8 AR-1262-1	9.591	8.564	11582439	14992711	75.360	104.504 #
37)	L8 AR-1262-2	10.121	9.016	23999012	23647956	27.414	31.911
38)	L8 AR-1262-3	10.455	9.309	41366129	21367293	65.143	67.539
39)	L8 AR-1262-4	10.553	9.376	21142972	23286385	42.226	41.408
40)	L8 AR-1262-5	11.259	9.897	13346108	9483154	32.783	33.204
41)	L9 AR-1268-1	10.455	9.309	41366129	21367293	29.038	18.691 #
42)	L9 AR-1268-2	10.553	9.376	21142972	23286385	16.030	22.684 #
43)	L9 AR-1268-3	10.798	9.587	63689132	55344676	54.430	63.691
44)	L9 AR-1268-4	11.259	9.897	13346108	9483154	24.514	24.653
45)	L9 AR-1268-5	11.703	10.212	204.2E6	136.8E6	50.389	52.663

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Acq On : 08 Aug 2019 00:52
Operator : SM\AJ
Sample : K4211-16
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
ETP48

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 02:20:44 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 29 04:03:40 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
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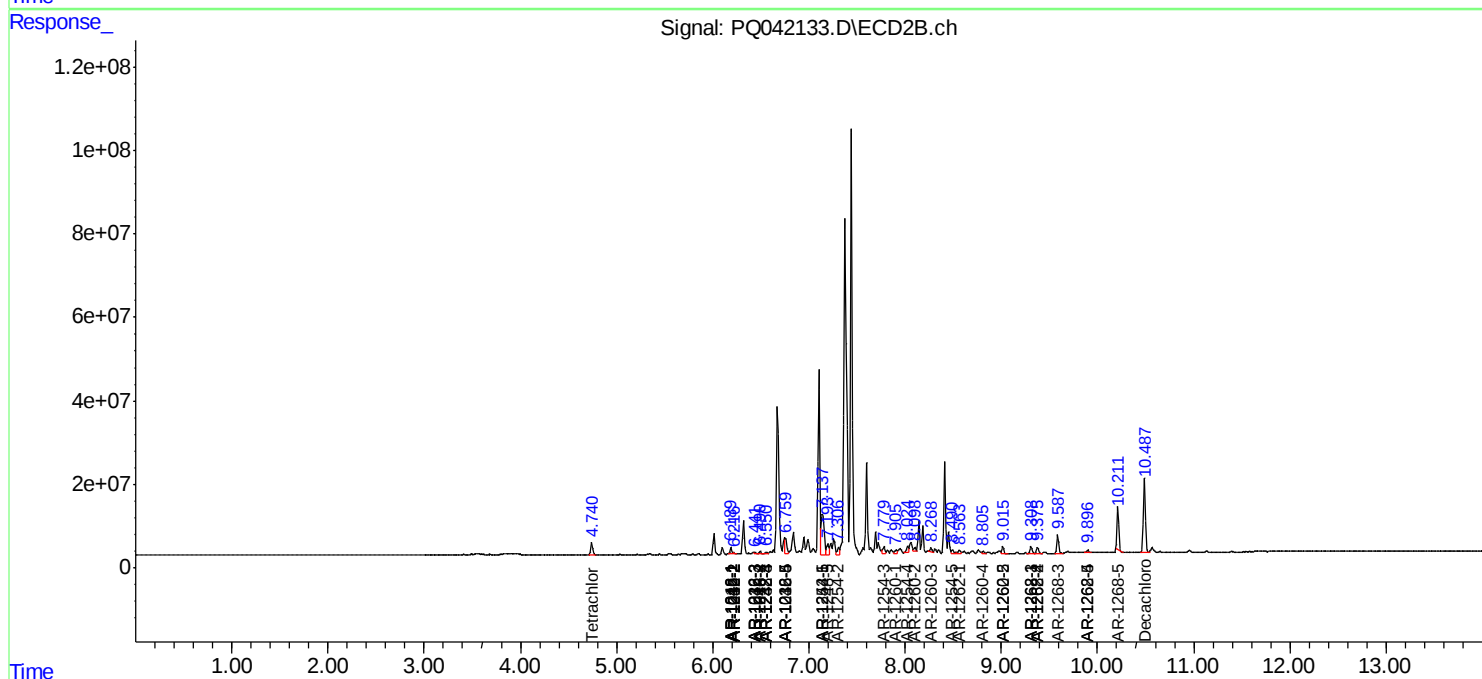
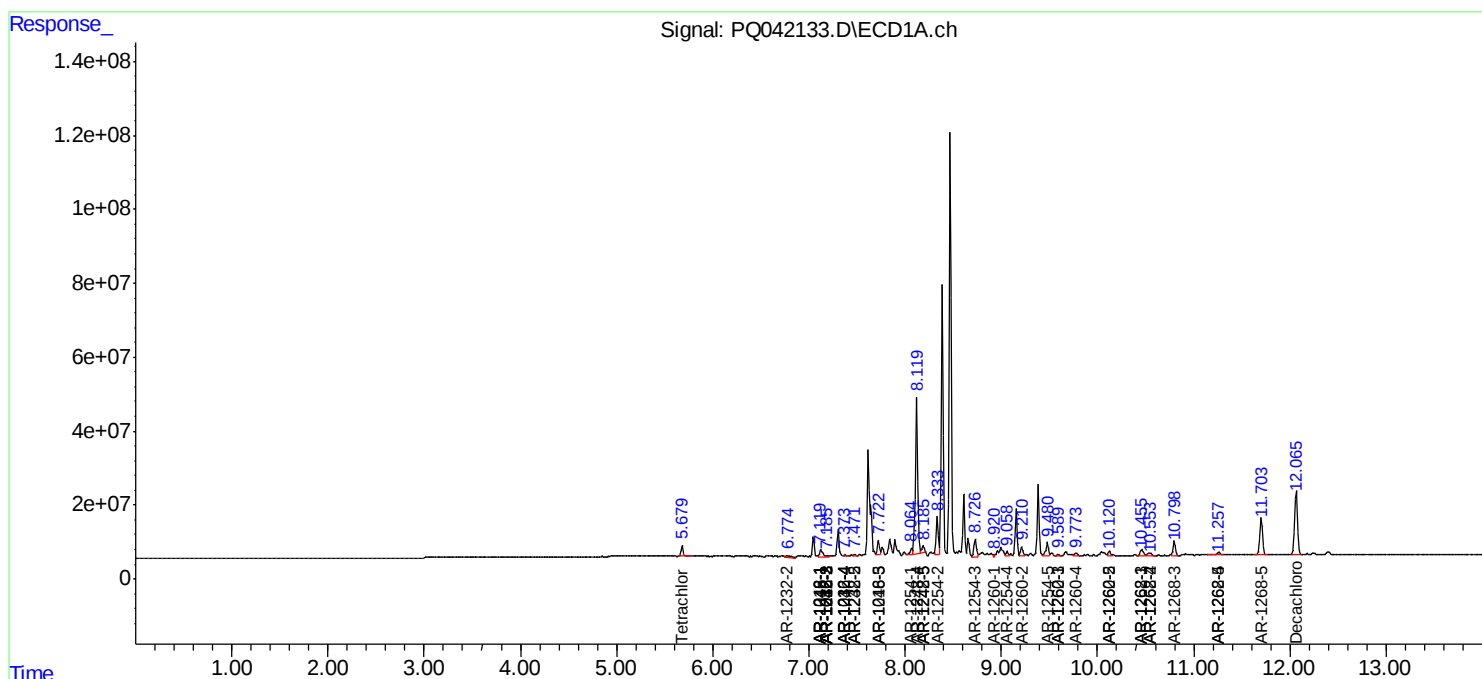
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

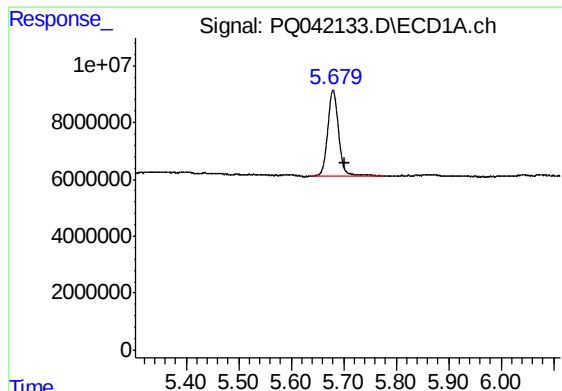
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080819\
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Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

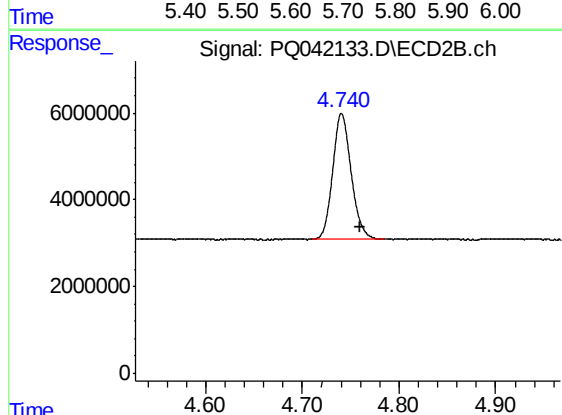




#1 Tetrachloro-m-xylene

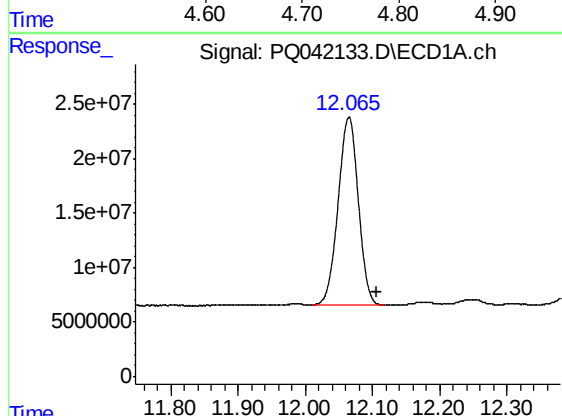
R.T.: 5.680 min
Delta R.T.: -0.021 min
Response: 43029414
Conc: 18.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP48



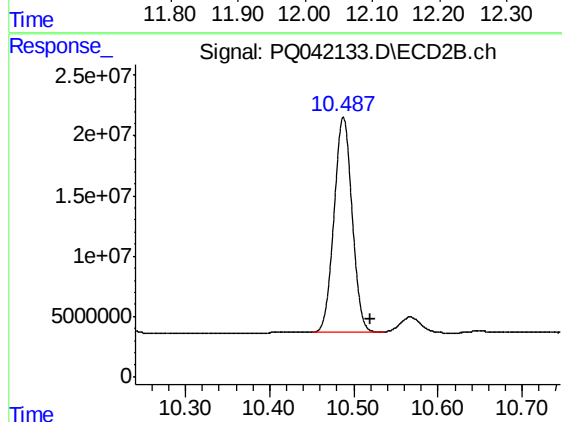
#1 Tetrachloro-m-xylene

R.T.: 4.740 min
Delta R.T.: -0.019 min
Response: 38720264
Conc: 20.09 ng/ml



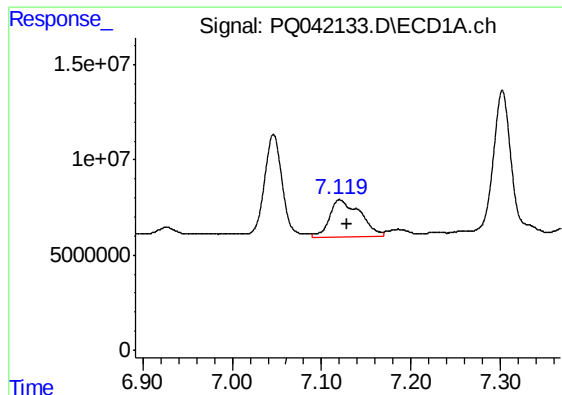
#2 Decachlorobiphenyl

R.T.: 12.065 min
Delta R.T.: -0.040 min
Response: 359904281
Conc: 42.69 ng/ml



#2 Decachlorobiphenyl

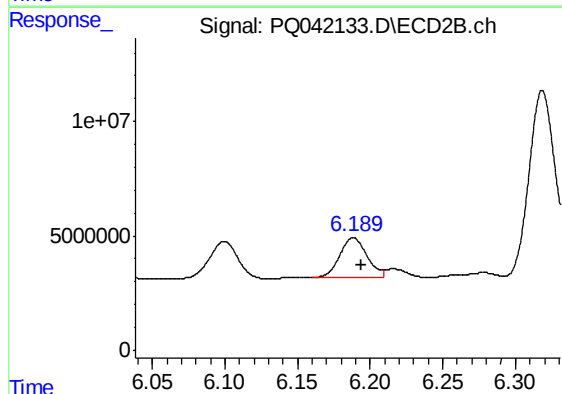
R.T.: 10.488 min
Delta R.T.: -0.032 min
Response: 265000121
Conc: 54.78 ng/ml



#3 AR-1016-1

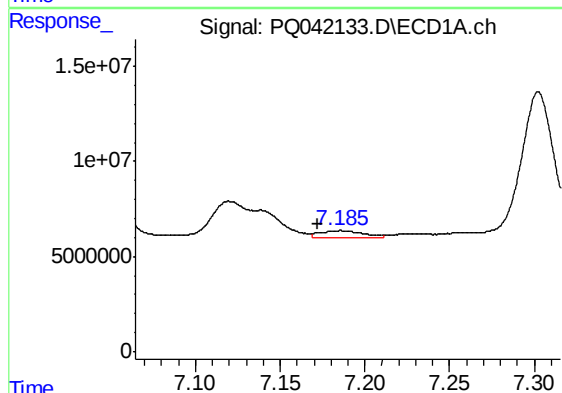
R.T.: 7.120 min
Delta R.T.: -0.009 min
Response: 46859552
Conc: 433.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP48



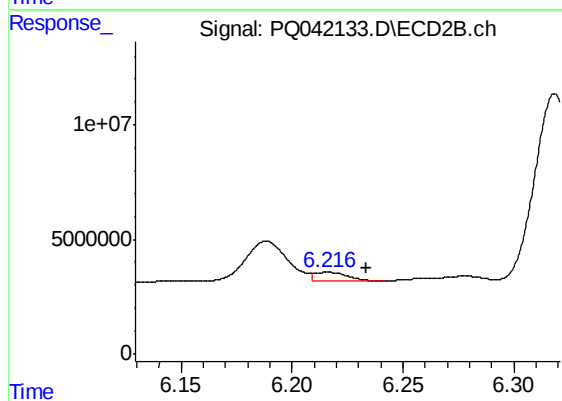
#3 AR-1016-1

R.T.: 6.189 min
Delta R.T.: -0.005 min
Response: 22806880
Conc: 219.78 ng/ml



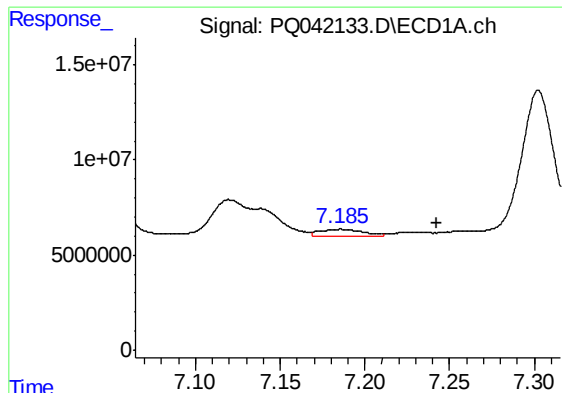
#4 AR-1016-2

R.T.: 7.186 min
Delta R.T.: 0.014 min
Response: 6153776
Conc: 39.31 ng/ml



#4 AR-1016-2

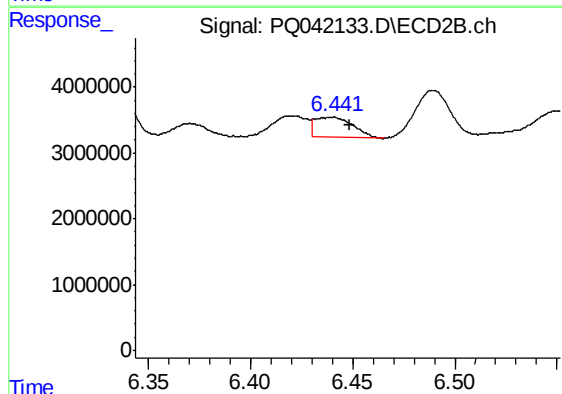
R.T.: 6.216 min
Delta R.T.: -0.018 min
Response: 3852058
Conc: 26.89 ng/ml



#5 AR-1016-3

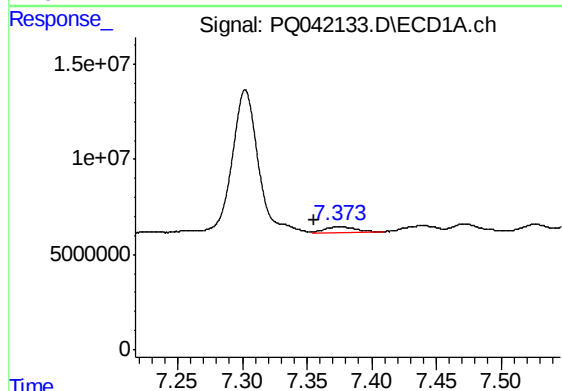
R.T.: 7.186 min
Delta R.T.: -0.057 min
Response: 6153776
Conc: 63.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP48



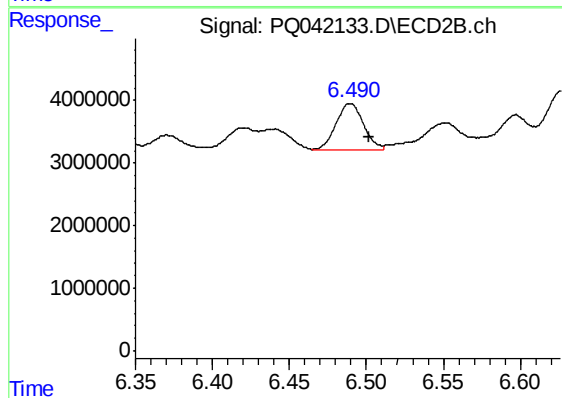
#5 AR-1016-3

R.T.: 6.441 min
Delta R.T.: -0.007 min
Response: 3975673
Conc: 53.31 ng/ml



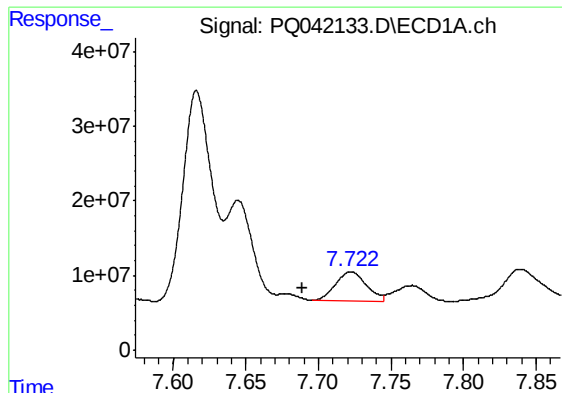
#6 AR-1016-4

R.T.: 7.375 min
Delta R.T.: 0.019 min
Response: 5667840
Conc: 72.65 ng/ml



#6 AR-1016-4

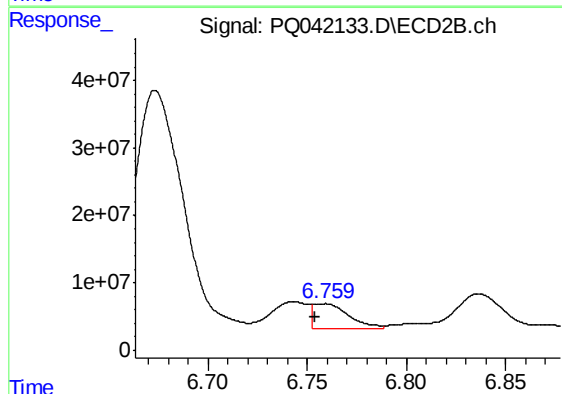
R.T.: 6.489 min
Delta R.T.: -0.013 min
Response: 9083044
Conc: 146.48 ng/ml



#7 AR-1016-5

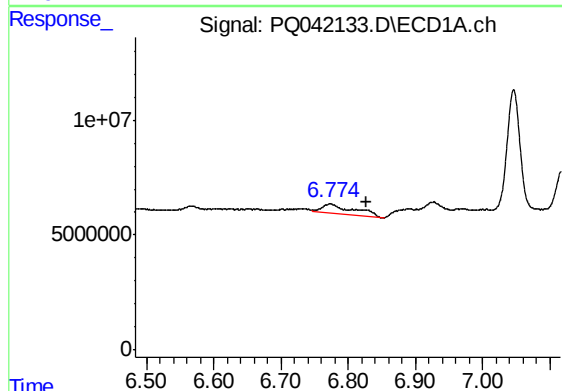
R.T.: 7.723 min
Delta R.T.: 0.033 min
Response: 57883561
Conc: 736.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP48



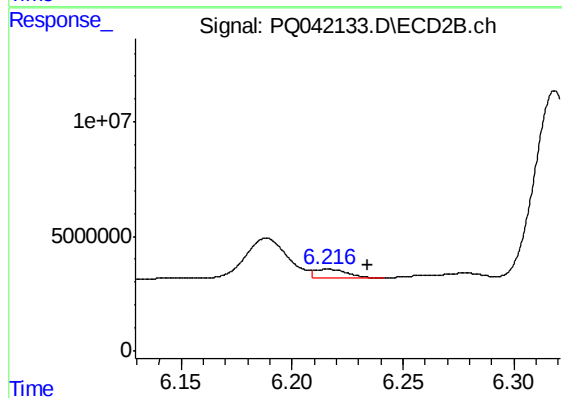
#7 AR-1016-5

R.T.: 6.759 min
Delta R.T.: 0.005 min
Response: 46570215
Conc: 572.09 ng/ml



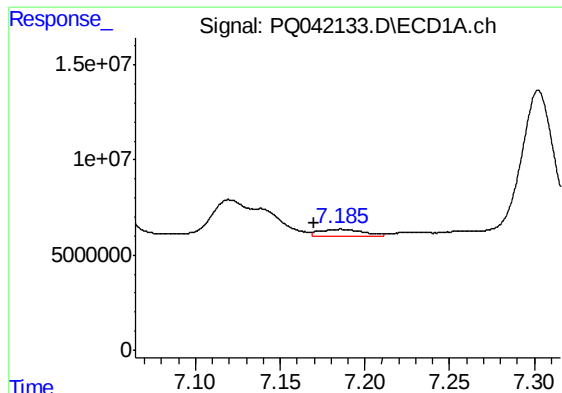
#12 AR-1232-2

R.T.: 6.774 min
Delta R.T.: -0.054 min
Response: 14219674
Conc: 432.78 ng/ml



#12 AR-1232-2

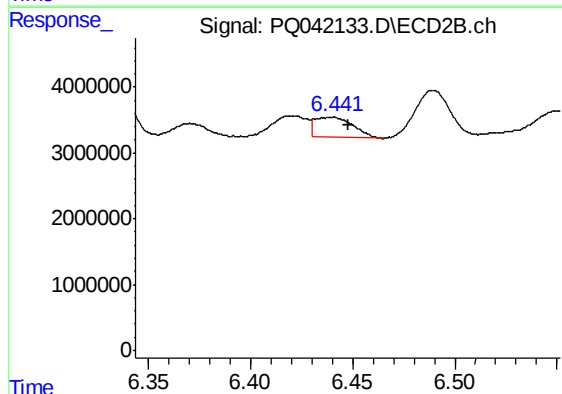
R.T.: 6.216 min
Delta R.T.: -0.018 min
Response: 3852058
Conc: 67.55 ng/ml



#13 AR-1232-3

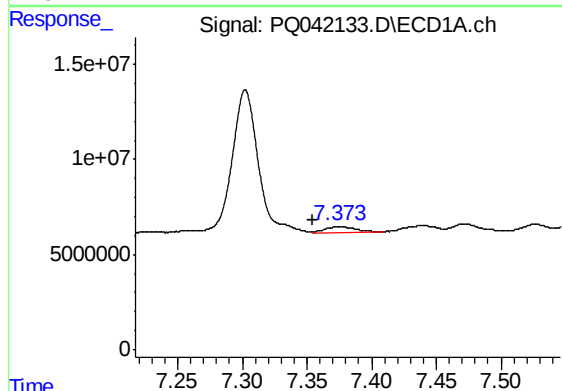
R.T.: 7.186 min
Delta R.T.: 0.016 min
Response: 6153776
Conc: 92.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP48



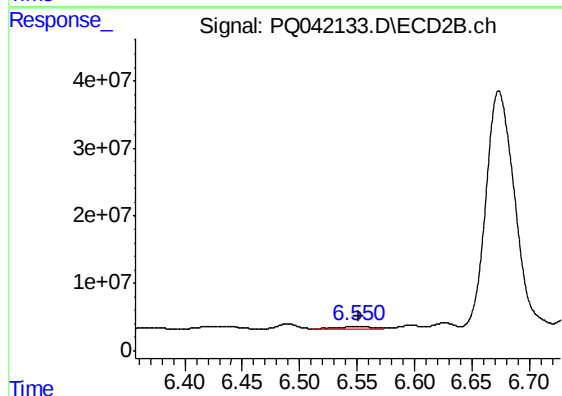
#13 AR-1232-3

R.T.: 6.441 min
Delta R.T.: -0.007 min
Response: 3975673
Conc: 133.32 ng/ml



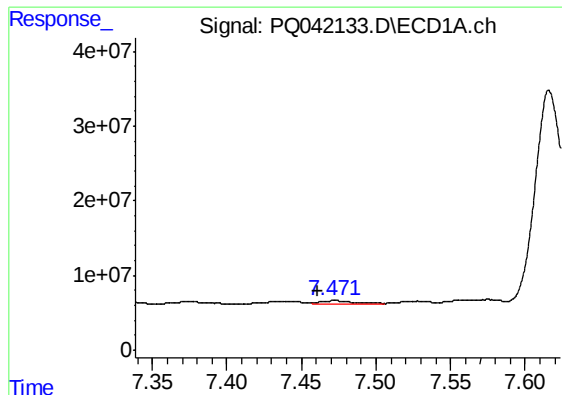
#14 AR-1232-4

R.T.: 7.375 min
Delta R.T.: 0.021 min
Response: 5667840
Conc: 176.70 ng/ml



#14 AR-1232-4

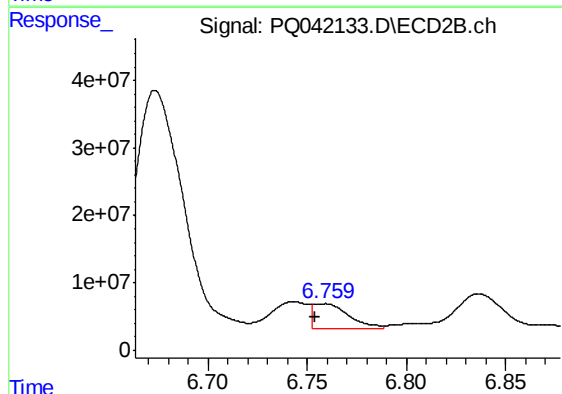
R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 8720260
Conc: 326.64 ng/ml



#15 AR-1232-5

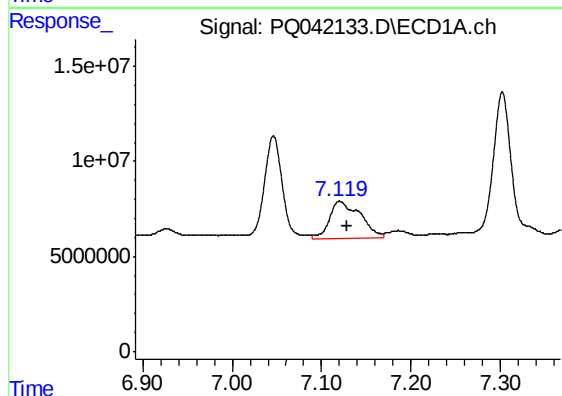
R.T.: 7.472 min
Delta R.T.: 0.011 min
Response: 5444514
Conc: 253.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP48



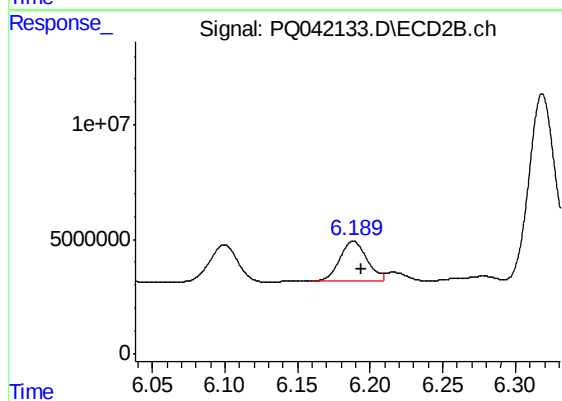
#15 AR-1232-5

R.T.: 6.759 min
Delta R.T.: 0.005 min
Response: 46570215
Conc: 1588.01 ng/ml



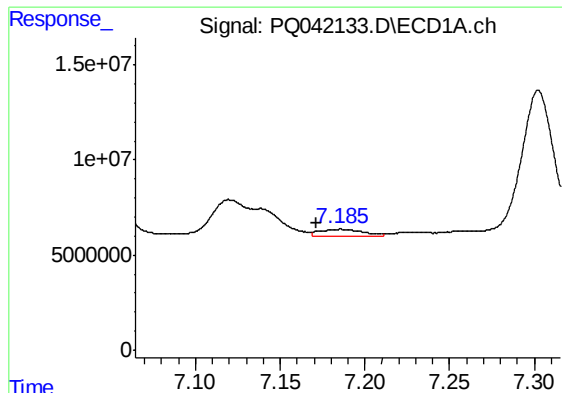
#16 AR-1242-1

R.T.: 7.120 min
Delta R.T.: -0.009 min
Response: 46859552
Conc: 523.87 ng/ml



#16 AR-1242-1

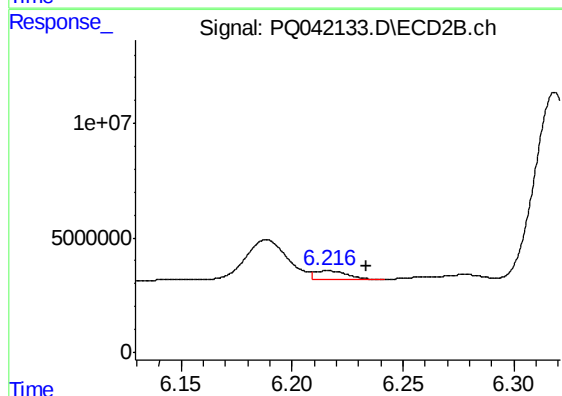
R.T.: 6.189 min
Delta R.T.: -0.005 min
Response: 22806880
Conc: 278.68 ng/ml



#17 AR-1242-2

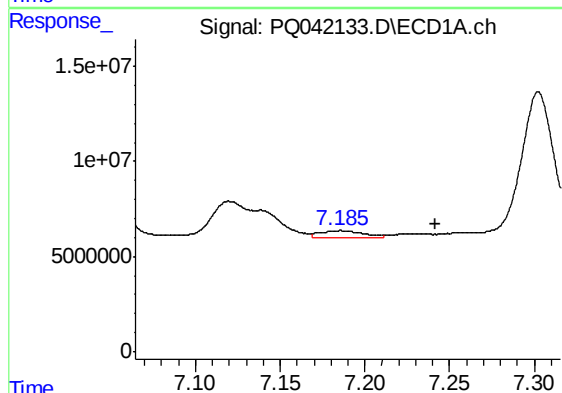
R.T.: 7.186 min
Delta R.T.: 0.015 min
Response: 6153776
Conc: 47.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP48



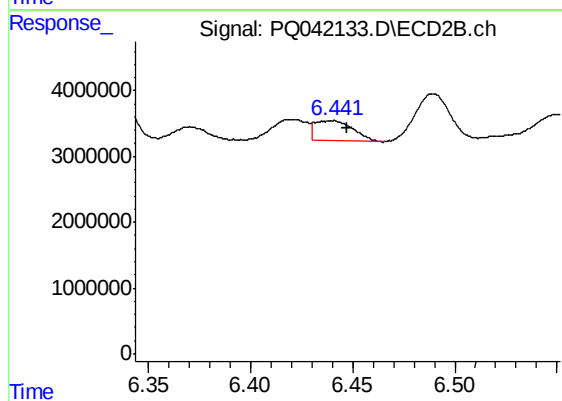
#17 AR-1242-2

R.T.: 6.216 min
Delta R.T.: -0.018 min
Response: 3852058
Conc: 34.11 ng/ml



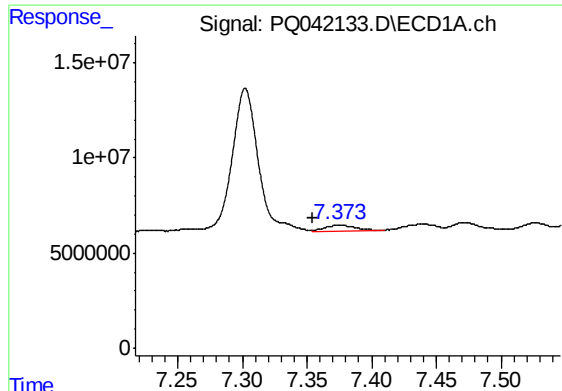
#18 AR-1242-3

R.T.: 7.186 min
Delta R.T.: -0.056 min
Response: 6153776
Conc: 75.89 ng/ml



#18 AR-1242-3

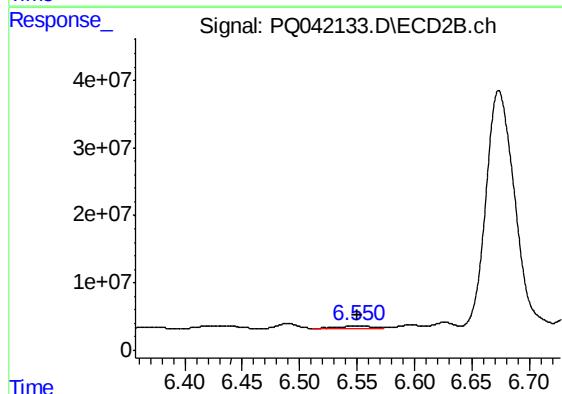
R.T.: 6.441 min
Delta R.T.: -0.006 min
Response: 3975673
Conc: 67.30 ng/ml



#19 AR-1242-4

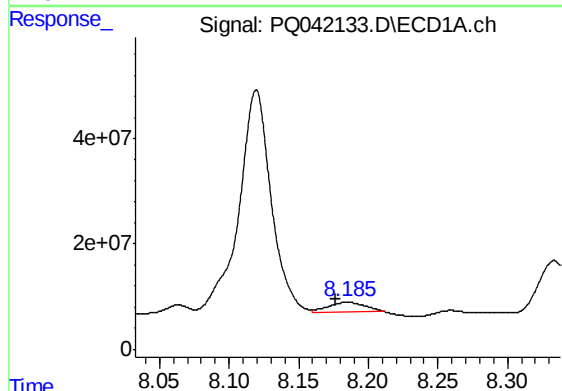
R.T.: 7.375 min
Delta R.T.: 0.020 min
Response: 5667840
Conc: 88.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP48



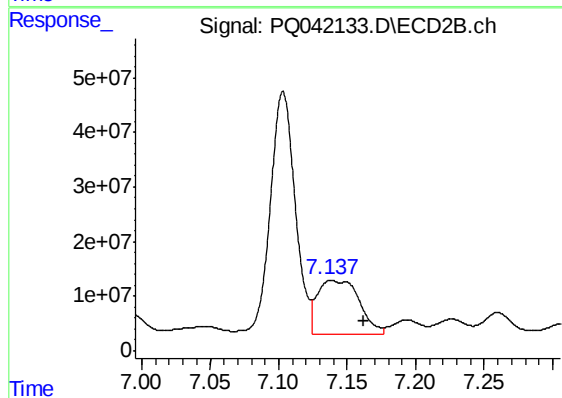
#19 AR-1242-4

R.T.: 6.552 min
Delta R.T.: 0.001 min
Response: 8720260
Conc: 147.06 ng/ml



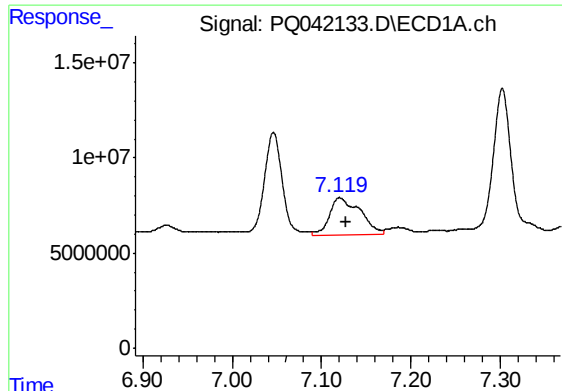
#20 AR-1242-5

R.T.: 8.185 min
Delta R.T.: 0.008 min
Response: 32870461
Conc: 370.47 ng/ml



#20 AR-1242-5

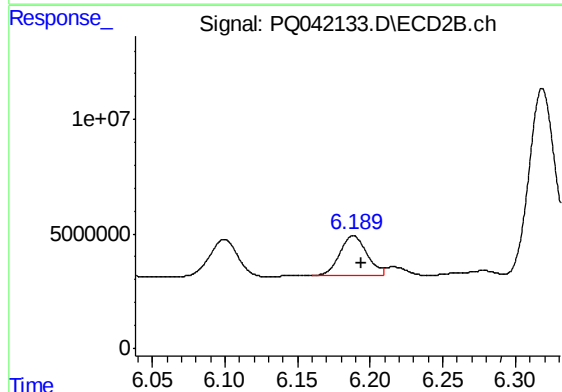
R.T.: 7.138 min
Delta R.T.: -0.024 min
Response: 207621491
Conc: 2338.23 ng/ml



#21 AR-1248-1

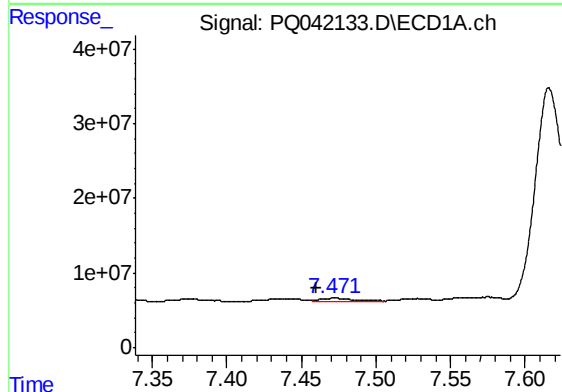
R.T.: 7.120 min
Delta R.T.: -0.008 min
Response: 46859552
Conc: 632.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP48



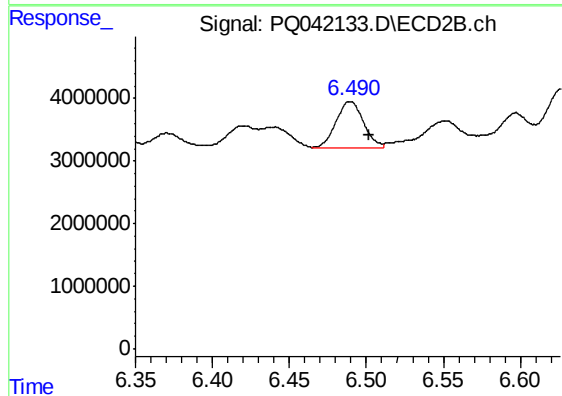
#21 AR-1248-1

R.T.: 6.189 min
Delta R.T.: -0.005 min
Response: 22806880
Conc: 343.98 ng/ml



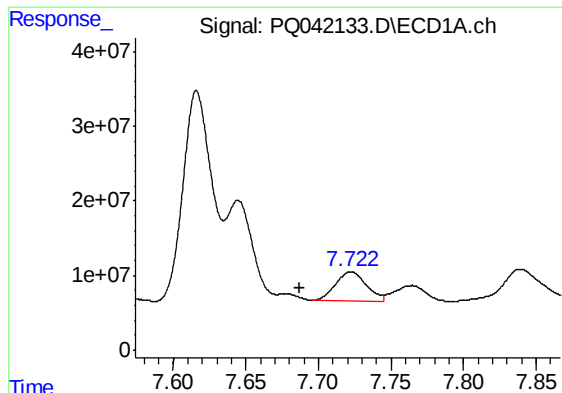
#22 AR-1248-2

R.T.: 7.472 min
Delta R.T.: 0.012 min
Response: 5444514
Conc: 59.01 ng/ml



#22 AR-1248-2

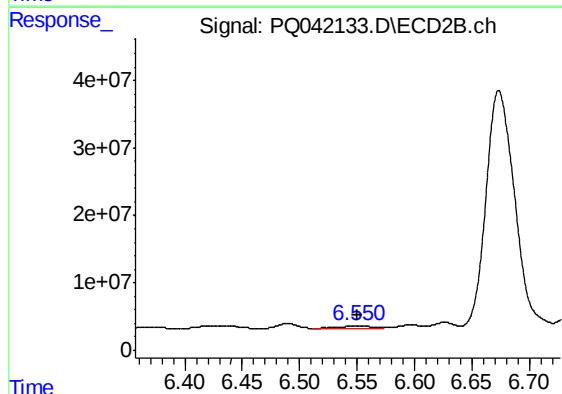
R.T.: 6.489 min
Delta R.T.: -0.012 min
Response: 9083044
Conc: 104.18 ng/ml



#23 AR-1248-3

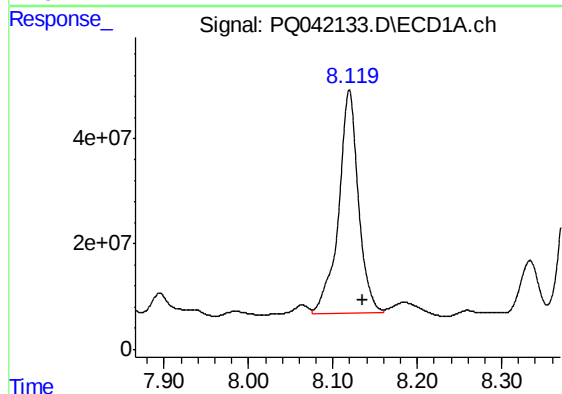
R.T.: 7.723 min
Delta R.T.: 0.035 min
Response: 57883561
Conc: 516.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP48



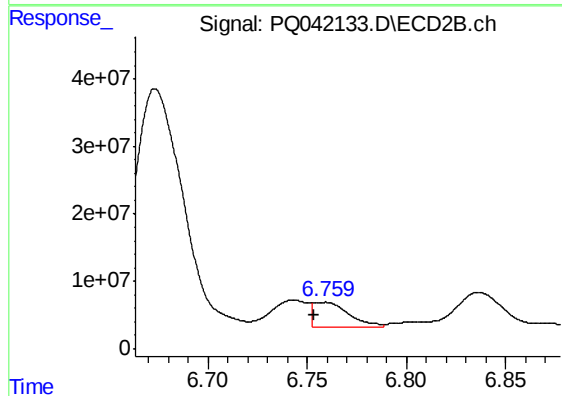
#23 AR-1248-3

R.T.: 6.552 min
Delta R.T.: 0.001 min
Response: 8720260
Conc: 97.70 ng/ml



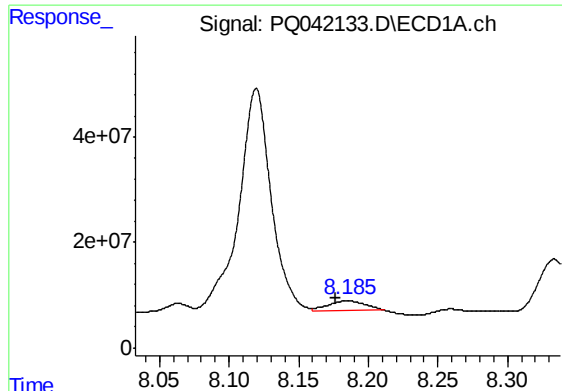
#24 AR-1248-4

R.T.: 8.120 min
Delta R.T.: -0.016 min
Response: 688424037
Conc: 4402.86 ng/ml



#24 AR-1248-4

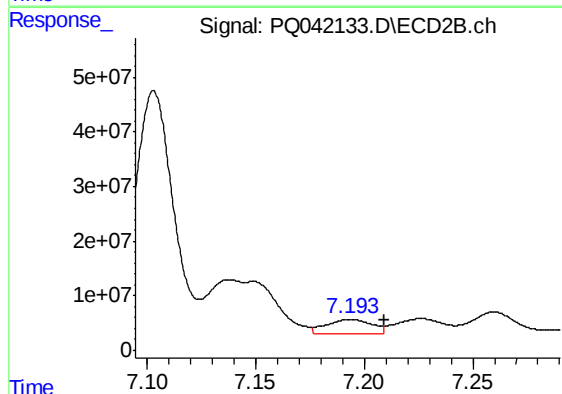
R.T.: 6.759 min
Delta R.T.: 0.006 min
Response: 46570215
Conc: 422.82 ng/ml



#25 AR-1248-5

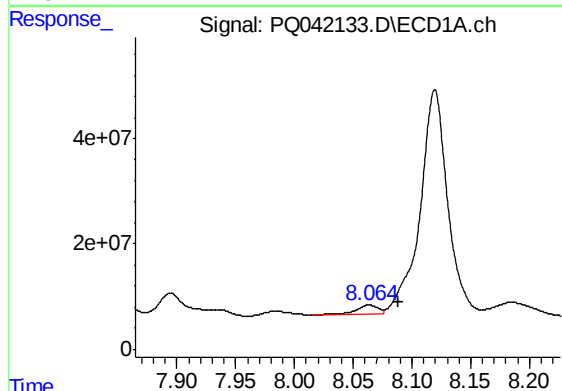
R.T.: 8.185 min
Delta R.T.: 0.009 min
Response: 32870461
Conc: 217.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP48



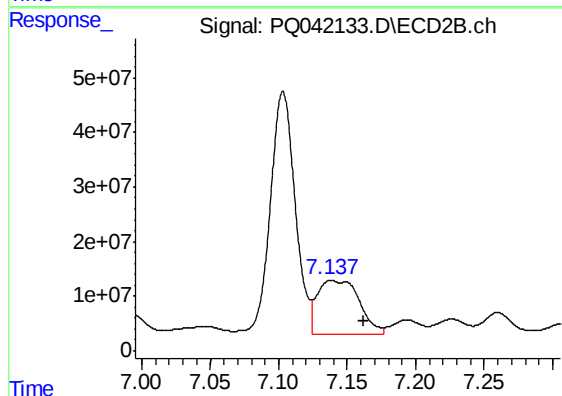
#25 AR-1248-5

R.T.: 7.194 min
Delta R.T.: -0.015 min
Response: 37159422
Conc: 289.91 ng/ml



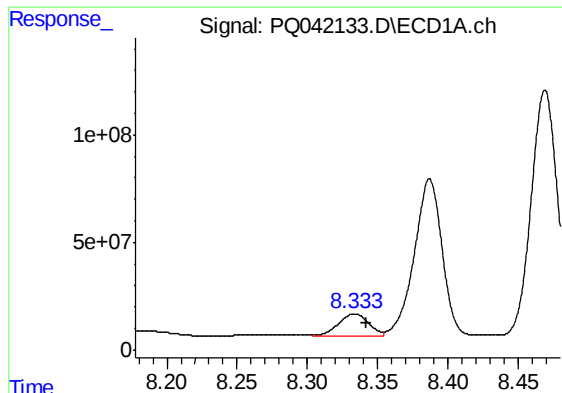
#26 AR-1254-1

R.T.: 8.063 min
Delta R.T.: -0.025 min
Response: 22689687
Conc: 163.10 ng/ml



#26 AR-1254-1

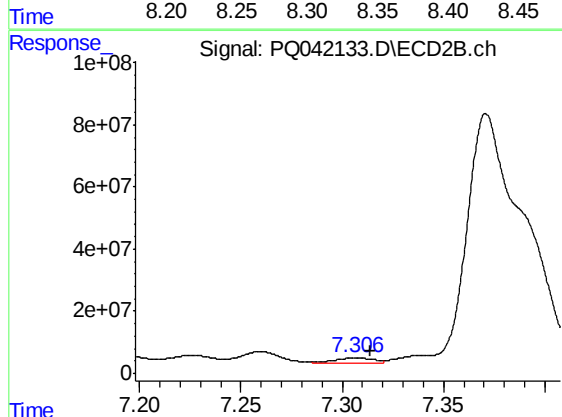
R.T.: 7.138 min
Delta R.T.: -0.024 min
Response: 207621491
Conc: 1135.26 ng/ml



#27 AR-1254-2

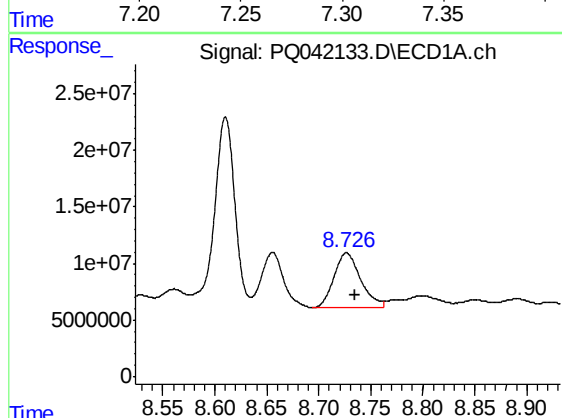
R.T.: 8.334 min
Delta R.T.: -0.009 min
Response: 152102243
Conc: 664.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP48



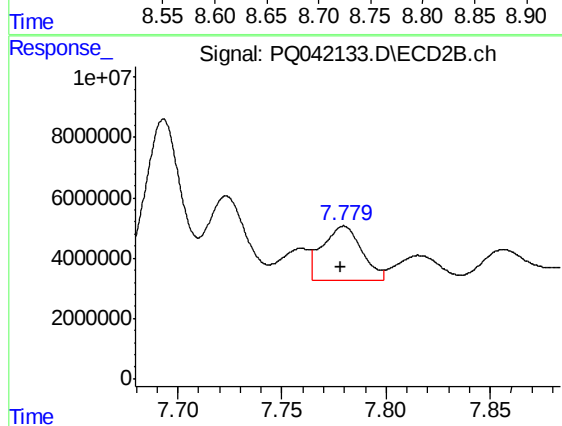
#27 AR-1254-2

R.T.: 7.307 min
Delta R.T.: -0.007 min
Response: 26869431
Conc: 165.99 ng/ml



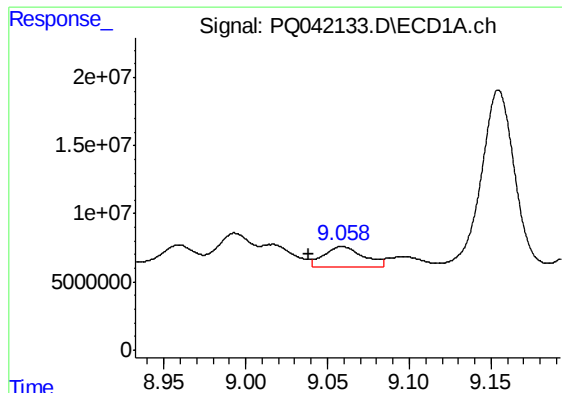
#28 AR-1254-3

R.T.: 8.726 min
Delta R.T.: -0.009 min
Response: 87499130
Conc: 320.01 ng/ml



#28 AR-1254-3

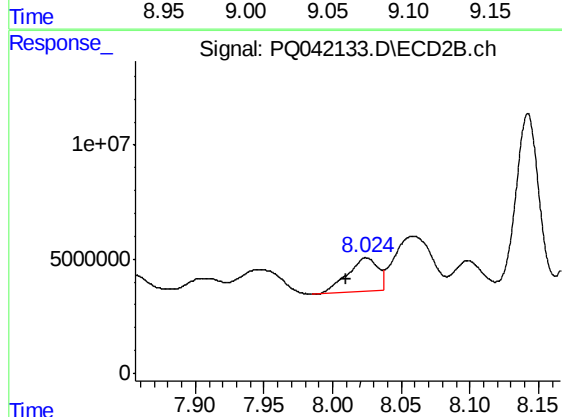
R.T.: 7.780 min
Delta R.T.: 0.002 min
Response: 23519748
Conc: 81.55 ng/ml



#29 AR-1254-4

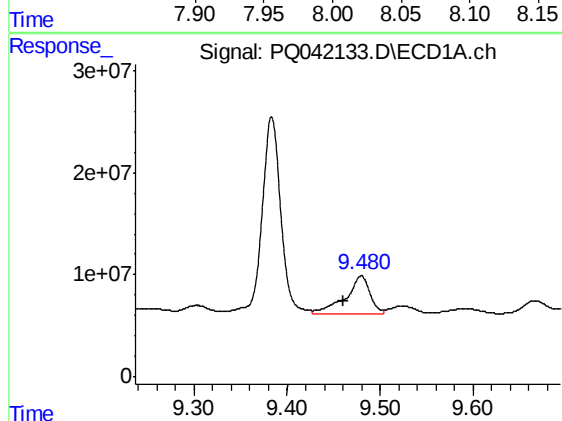
R.T.: 9.059 min
Delta R.T.: 0.020 min
Response: 24623375
Conc: 100.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP48



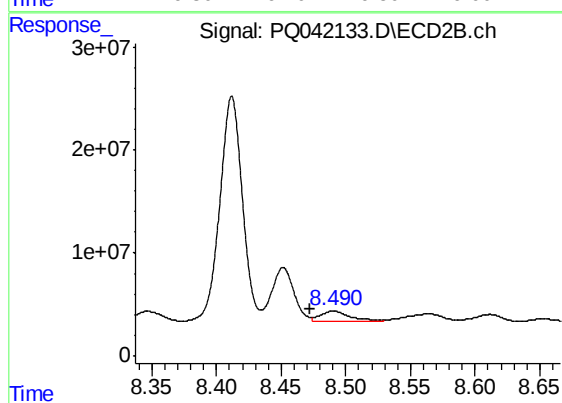
#29 AR-1254-4

R.T.: 8.024 min
Delta R.T.: 0.014 min
Response: 22505630
Conc: 103.68 ng/ml



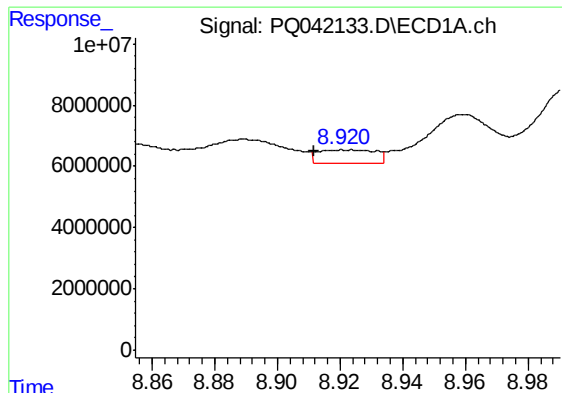
#30 AR-1254-5

R.T.: 9.480 min
Delta R.T.: 0.019 min
Response: 68736582
Conc: 253.79 ng/ml



#30 AR-1254-5

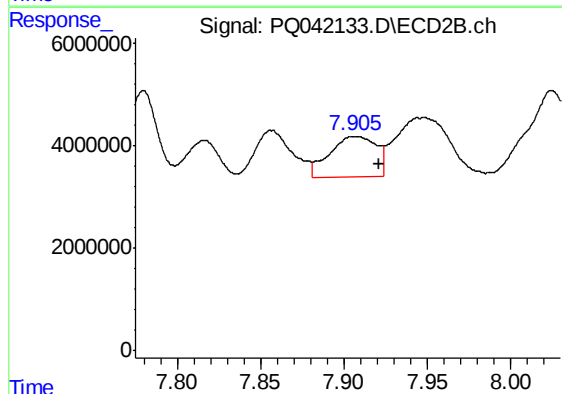
R.T.: 8.491 min
Delta R.T.: 0.018 min
Response: 16578630
Conc: 55.12 ng/ml



#31 AR-1260-1

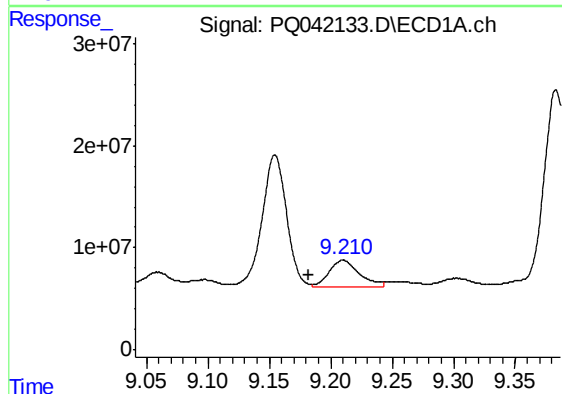
R.T.: 8.922 min
Delta R.T.: 0.011 min
Response: 5689017
Conc: 31.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP48



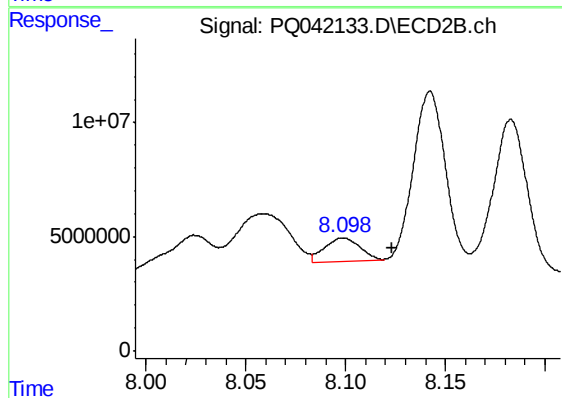
#31 AR-1260-1

R.T.: 7.907 min
Delta R.T.: -0.014 min
Response: 15429873
Conc: 85.05 ng/ml



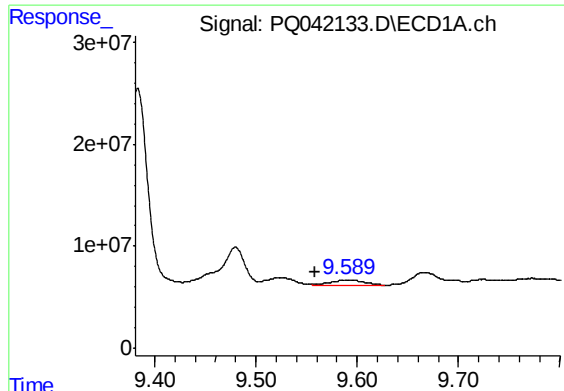
#32 AR-1260-2

R.T.: 9.210 min
Delta R.T.: 0.027 min
Response: 45806345
Conc: 181.57 ng/ml



#32 AR-1260-2

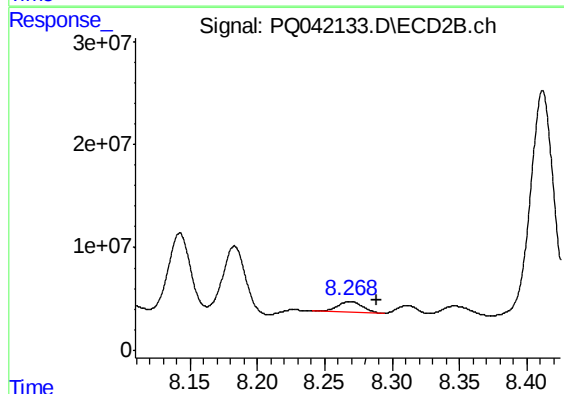
R.T.: 8.099 min
Delta R.T.: -0.024 min
Response: 12819588
Conc: 52.25 ng/ml



#33 AR-1260-3

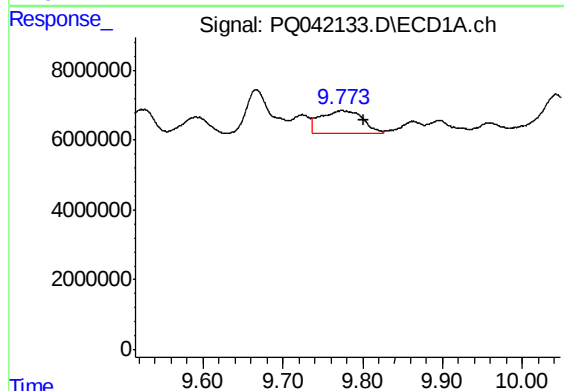
R.T.: 9.591 min
Delta R.T.: 0.032 min
Response: 11582439
Conc: 50.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP48



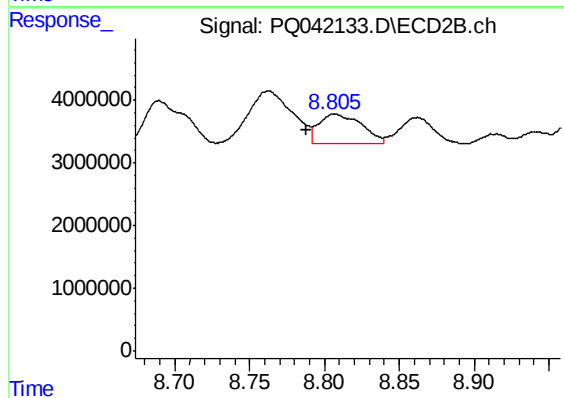
#33 AR-1260-3

R.T.: 8.269 min
Delta R.T.: -0.020 min
Response: 13353822
Conc: 62.76 ng/ml



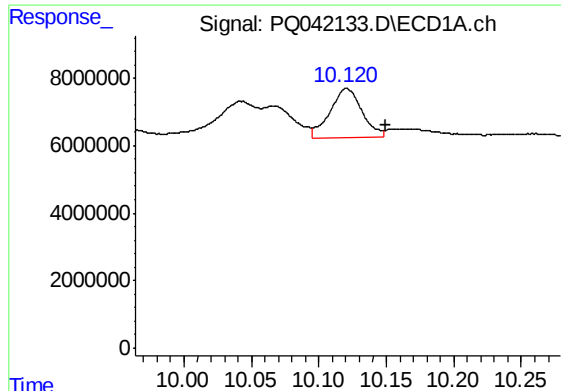
#34 AR-1260-4

R.T.: 9.774 min
Delta R.T.: -0.028 min
Response: 23749612
Conc: 93.01 ng/ml



#34 AR-1260-4

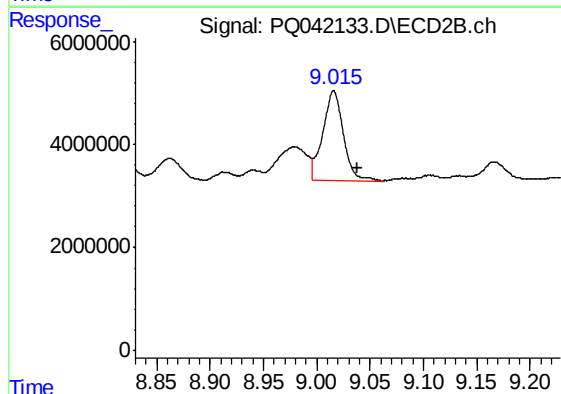
R.T.: 8.806 min
Delta R.T.: 0.019 min
Response: 9249177
Conc: 45.72 ng/ml



#35 AR-1260-5

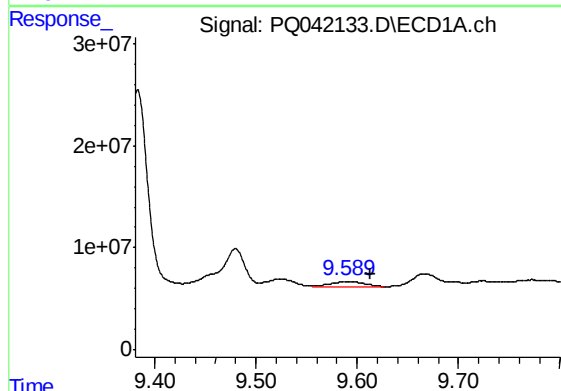
R.T.: 10.121 min
Delta R.T.: -0.029 min
Response: 23999012
Conc: 35.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP48



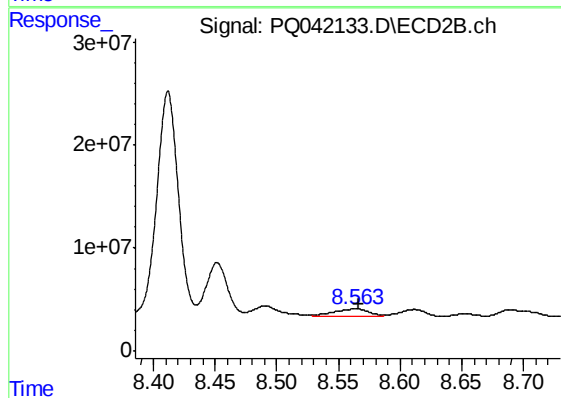
#35 AR-1260-5

R.T.: 9.016 min
Delta R.T.: -0.023 min
Response: 23647956
Conc: 40.07 ng/ml



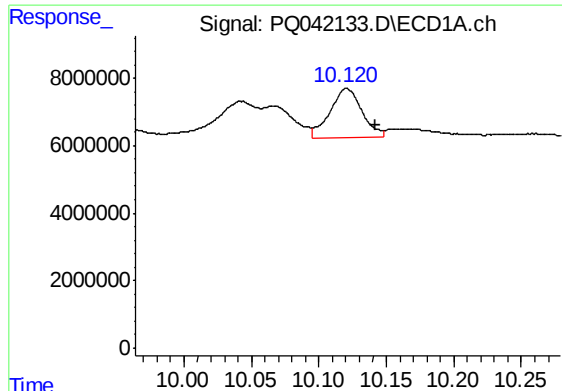
#36 AR-1262-1

R.T.: 9.591 min
Delta R.T.: -0.022 min
Response: 11582439
Conc: 75.36 ng/ml



#36 AR-1262-1

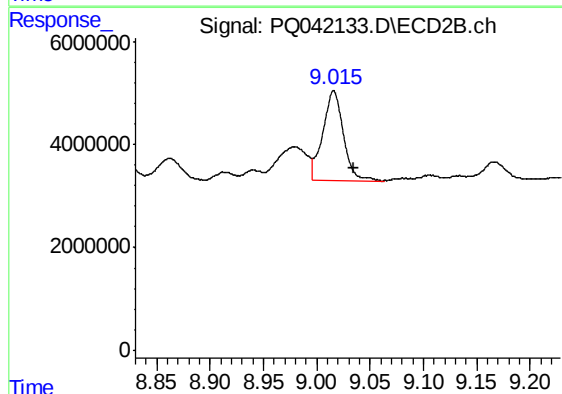
R.T.: 8.564 min
Delta R.T.: -0.003 min
Response: 14992711
Conc: 104.50 ng/ml



#37 AR-1262-2

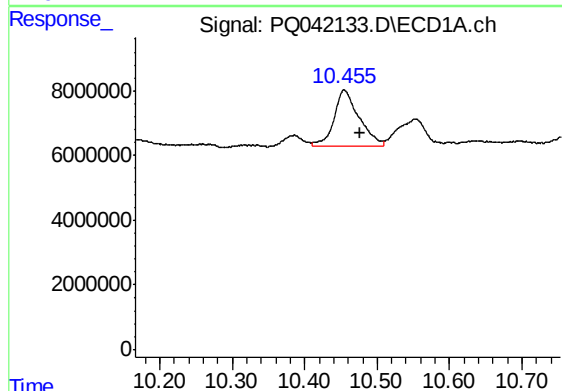
R.T.: 10.121 min
Delta R.T.: -0.021 min
Response: 23999012
Conc: 27.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP48



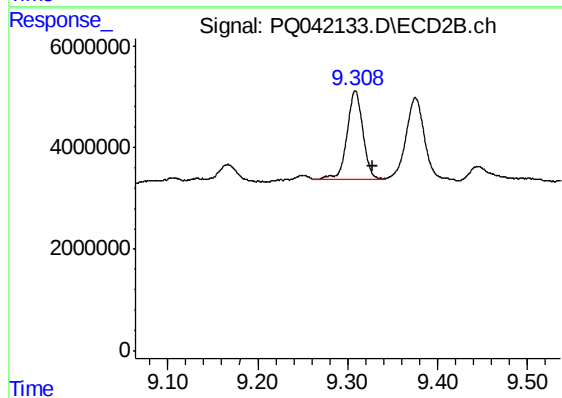
#37 AR-1262-2

R.T.: 9.016 min
Delta R.T.: -0.019 min
Response: 23647956
Conc: 31.91 ng/ml



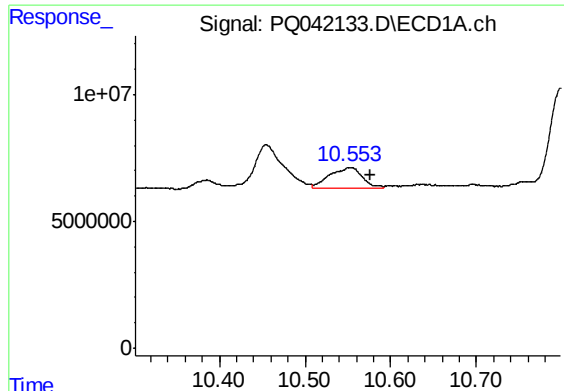
#38 AR-1262-3

R.T.: 10.455 min
Delta R.T.: -0.022 min
Response: 41366129
Conc: 65.14 ng/ml



#38 AR-1262-3

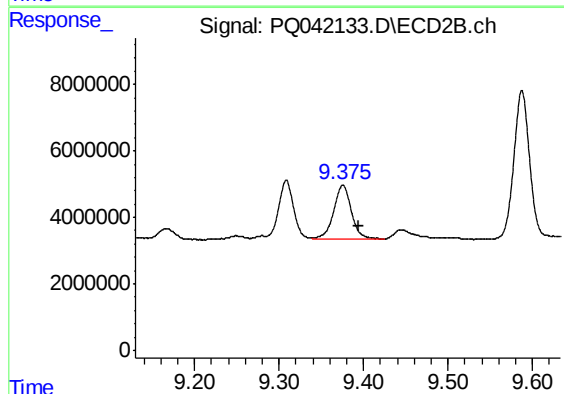
R.T.: 9.309 min
Delta R.T.: -0.019 min
Response: 21367293
Conc: 67.54 ng/ml



#39 AR-1262-4

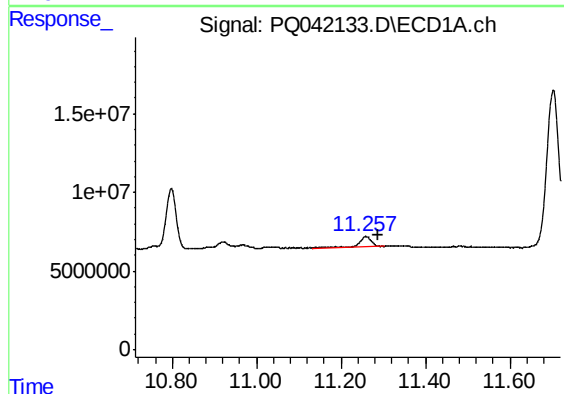
R.T.: 10.553 min
Delta R.T.: -0.023 min
Response: 21142972
Conc: 42.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP48



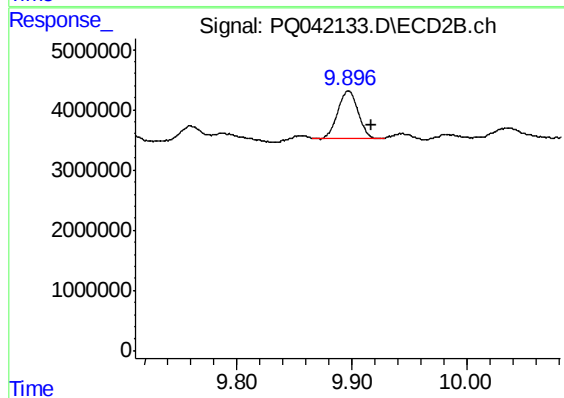
#39 AR-1262-4

R.T.: 9.376 min
Delta R.T.: -0.019 min
Response: 23286385
Conc: 41.41 ng/ml



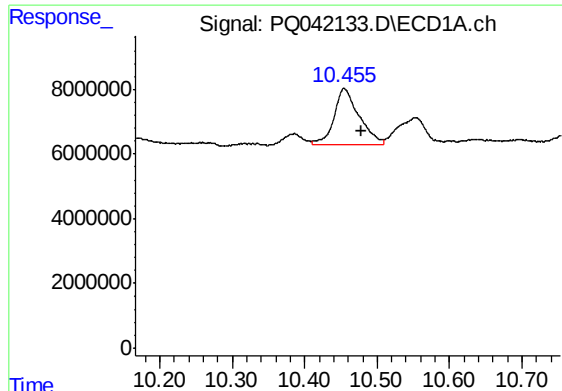
#40 AR-1262-5

R.T.: 11.259 min
Delta R.T.: -0.028 min
Response: 13346108
Conc: 32.78 ng/ml



#40 AR-1262-5

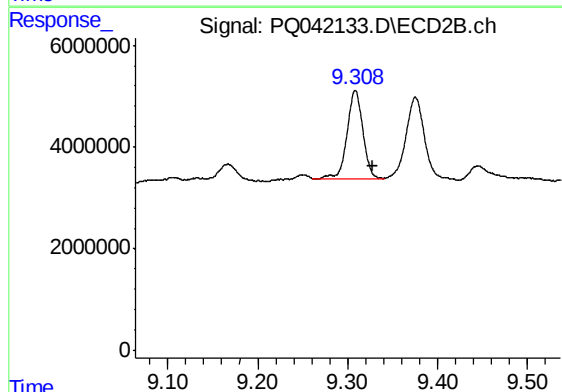
R.T.: 9.897 min
Delta R.T.: -0.020 min
Response: 9483154
Conc: 33.20 ng/ml



#41 AR-1268-1

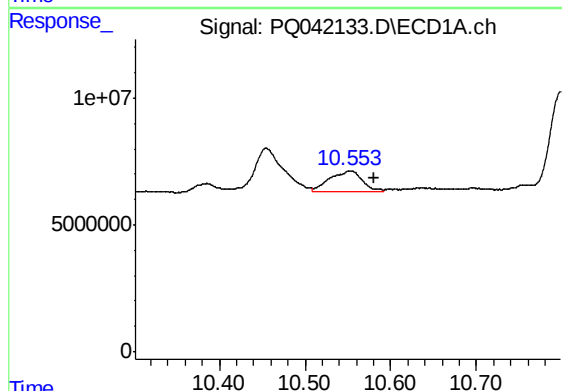
R.T.: 10.455 min
Delta R.T.: -0.023 min
Response: 41366129
Conc: 29.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP48



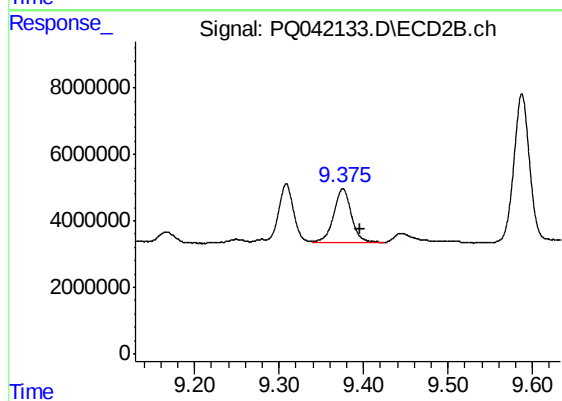
#41 AR-1268-1

R.T.: 9.309 min
Delta R.T.: -0.020 min
Response: 21367293
Conc: 18.69 ng/ml



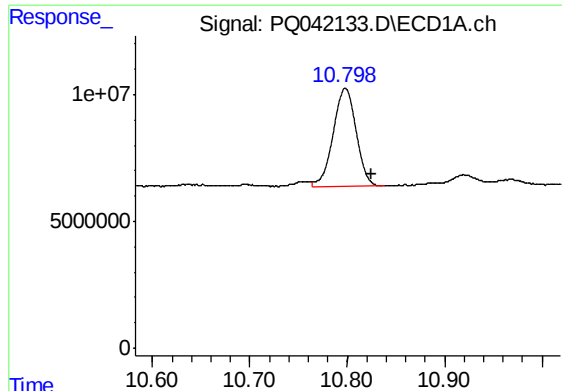
#42 AR-1268-2

R.T.: 10.553 min
Delta R.T.: -0.028 min
Response: 21142972
Conc: 16.03 ng/ml



#42 AR-1268-2

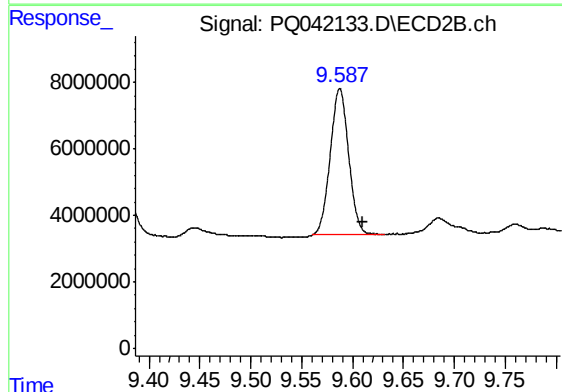
R.T.: 9.376 min
Delta R.T.: -0.020 min
Response: 23286385
Conc: 22.68 ng/ml



#43 AR-1268-3

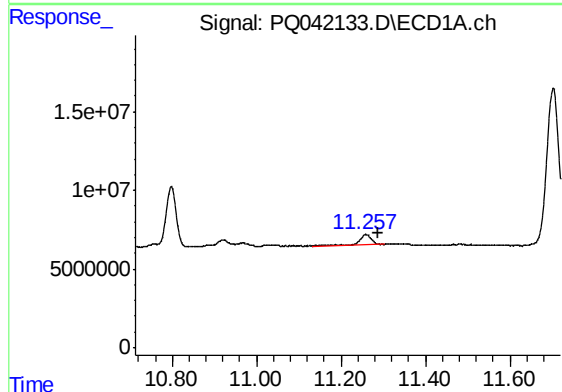
R.T.: 10.798 min
Delta R.T.: -0.027 min
Response: 63689132
Conc: 54.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP48



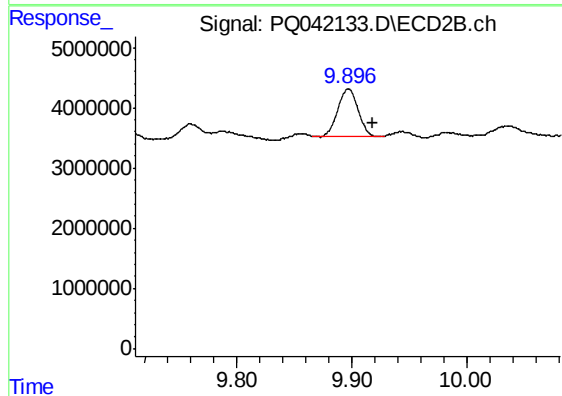
#43 AR-1268-3

R.T.: 9.587 min
Delta R.T.: -0.022 min
Response: 55344676
Conc: 63.69 ng/ml



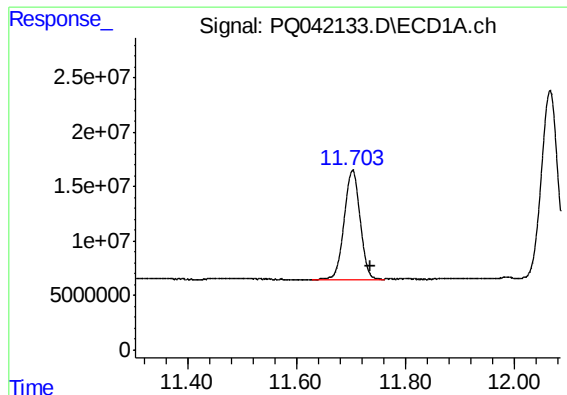
#44 AR-1268-4

R.T.: 11.259 min
Delta R.T.: -0.027 min
Response: 13346108
Conc: 24.51 ng/ml



#44 AR-1268-4

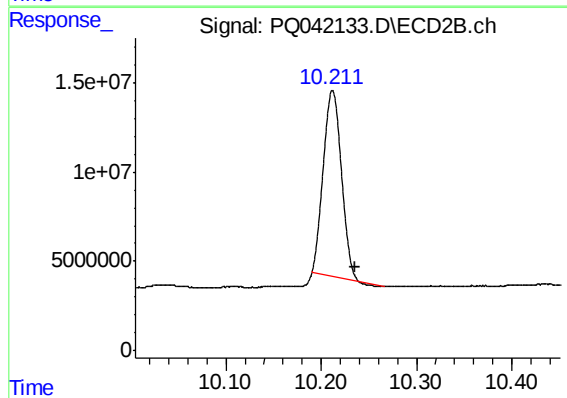
R.T.: 9.897 min
Delta R.T.: -0.021 min
Response: 9483154
Conc: 24.65 ng/ml



#45 AR-1268-5

R.T.: 11.703 min
Delta R.T.: -0.032 min
Response: 204228286
Conc: 50.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP48



#45 AR-1268-5

R.T.: 10.212 min
Delta R.T.: -0.024 min
Response: 136790228
Conc: 52.66 ng/ml