

Data Path : P:\HPCHEM1\ECD_Q\Data\PQ041318\
 Data File : PQ027948.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Apr 2018 10:36
 Operator : UA/SM
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 10:54:41 2018
 Quant Method : P:\HPCHEM1\ECD_Q\Method\PQ041018CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Apr 10 04:16:48 2018
 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...	4.620	3.781	1571.1E6	180.1E6	19.003	18.698
2)	SA Decachlor...	10.383	8.733	3277.9E6	609.7E6	35.881	33.553
Target Compounds							
3)	L1 AR-1016-1	4.924	0.000	16847607	0	13.093	N.D. #
4)	L1 AR-1016-2	5.513	0.000	10726648	0	5.596	N.D. #
5)	L1 AR-1016-3	5.854	4.871	30062607	3059885	11.685	7.829 #
6)	L1 AR-1016-4	5.955	5.047	32464015	2474622	14.604	8.261 #
7)	L1 AR-1016-5	6.045	5.086	767.9E6	102.9E6	433.525	441.885
9)	L2 AR-1221-2	4.924	4.077	16847607	3593092	20.292	27.567 #
10)	L2 AR-1221-3	4.924	0.000	16847607	0	5.466	N.D. #
11)	L3 AR-1232-1	4.924	0.000	16847607	0	8.501	N.D. #
12)	L3 AR-1232-2	5.506	0.000	13717790	0	11.748	N.D. #
13)	L3 AR-1232-3	6.388	5.442	182.9E6	27940328	164.058	156.204
14)	L3 AR-1232-4	6.644	5.643	695.5E6	283.4E6	571.384	1427.435 #
15)	L3 AR-1232-5	6.688	5.683	434.7E6	39042135	349.736	228.069 #
16)	L4 AR-1242-1	5.316	0.000	31677158	0	18.667	N.D. #
17)	L4 AR-1242-2	5.797	4.871	49381687	3059885	13.122	6.113 #
18)	L4 AR-1242-3	6.247	5.126	461.0E6	32090092	251.405	126.433 #
19)	L4 AR-1242-4	6.621	5.609	1462.5E6	28336406	1018.594	155.287 #
20)	L4 AR-1242-5	6.688	5.880	434.7E6	99946985	207.681	523.714 #
21)	L5 AR-1248-1	6.247	5.297	461.0E6	66578163	130.601	128.420
22)	L5 AR-1248-2	6.388	5.609	182.9E6	28336406	60.389	88.689 #
23)	L5 AR-1248-3	6.644	5.683	695.5E6	39042135	163.260	68.039 #
24)	L5 AR-1248-4	6.688	6.098	434.7E6	213.0E6	109.144	862.937 #
25)	L5 AR-1248-5	6.836	6.149	2279.1E6	66986442	553.988	462.848
26)	L6 AR-1254-1	6.621	5.643	1462.5E6	283.4E6	362.026	358.808
27)	L6 AR-1254-2	6.836	5.787	2279.1E6	246.1E6	365.173	357.944
28)	L6 AR-1254-3	7.199	6.186	2415.1E6	431.1E6	362.176	353.570
29)	L6 AR-1254-4	7.480	6.411	1970.9E6	295.6E6	370.789	355.553
30)	L6 AR-1254-5	7.750	6.723	1213.8E6	207.9E6	358.124	356.161
31)	L7 AR-1260-1	7.363	6.314	864.8E6	210.1E6	207.679	284.808 #
32)	L7 AR-1260-2	7.614	6.498	1168.9E6	176.9E6	197.796	185.063
33)	L7 AR-1260-3	7.958	6.650	215.4E6	177.2E6	44.493	203.924 #
34)	L7 AR-1260-4	8.528	7.353	266.2E6	52811033	24.649	26.018
35)	L7 AR-1260-5	8.863	7.696	181.3E6	51880614	30.023	35.040
36)	L8 AR-1262-1	7.259	6.186	228.3E6	431.1E6	70.721	910.981 #
37)	L8 AR-1262-2	7.897	6.823	1769.9E6	414.8E6	387.221	310.428
38)	L8 AR-1262-3	7.958	7.631	215.4E6	-346052	26.398	N.D. #
39)	L8 AR-1262-4	8.030	0.000	59579147	0	19.680	N.D. #
40)	L8 AR-1262-5	8.912	8.481	49077314	5010647	7.044	14.498 #
41)	L9 AR-1268-1	8.912	7.696	49077314	51880614	3.180	17.250 #
42)	L9 AR-1268-2	9.180	7.901	25277688	4709014	1.773	1.752

Data Path : P:\HPCHEM1\ECD_Q\Data\PQ041318\
Data File : PQ027948.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Apr 2018 10:36
Operator : UA/SM
Sample : AR1254CCC400
Misc :
ALS Vial : 5 Sample Multiplier: 1

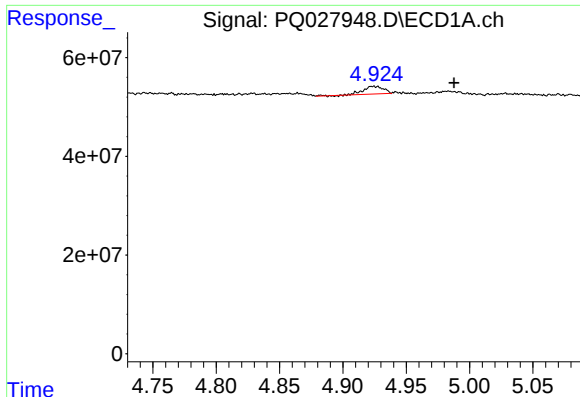
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 10:54:41 2018
Quant Method : P:\HPCHEM1\ECD_Q\Method\PQ041018CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 10 04:16:48 2018
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
43)	L9 AR-1268-3	9.292	7.990	19831229	5852717	5.757	8.154 #
44)	L9 AR-1268-4	9.607	0.000	24617785	0	4.752	N.D. #
45)	L9 AR-1268-5	10.034	8.481	48127951	5010647	1.221	0.638 #

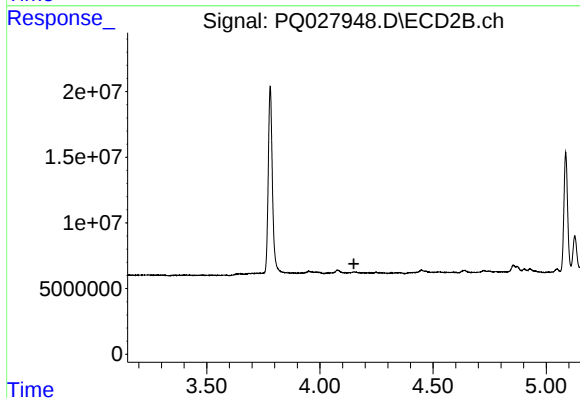
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

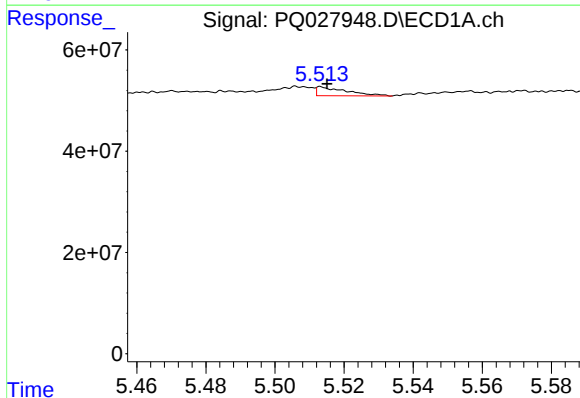
R.T.: 4.924 min
Delta R.T.: -0.063 min
Response: 16847607
Conc: 13.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



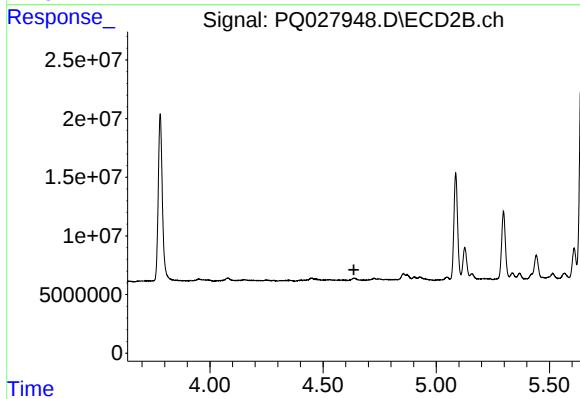
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.150 min
Response: 0
Conc: N.D.



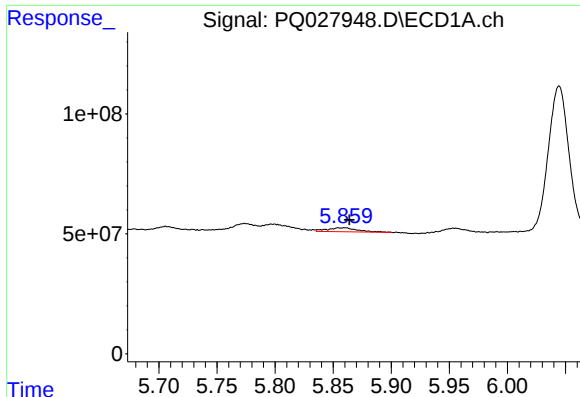
#4 AR-1016-2

R.T.: 5.513 min
Delta R.T.: -0.002 min
Response: 10726648
Conc: 5.60 ng/ml



#4 AR-1016-2

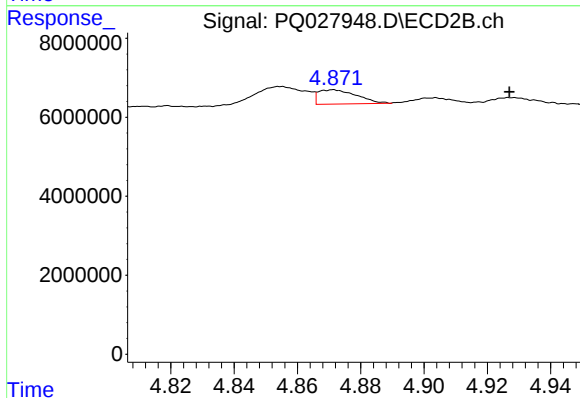
R.T.: 0.000 min
Exp R.T. : 4.636 min
Response: 0
Conc: N.D.



#5 AR-1016-3

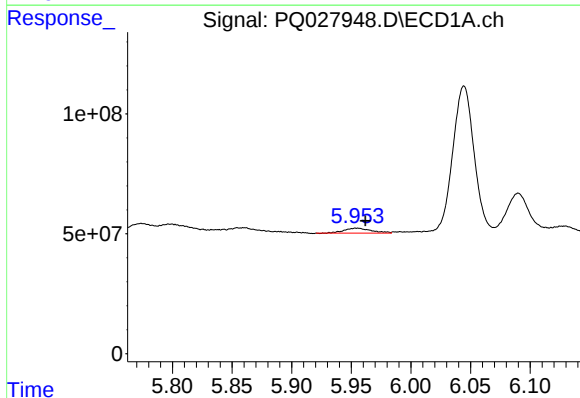
R.T.: 5.854 min
Delta R.T.: -0.010 min
Response: 30062607
Conc: 11.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



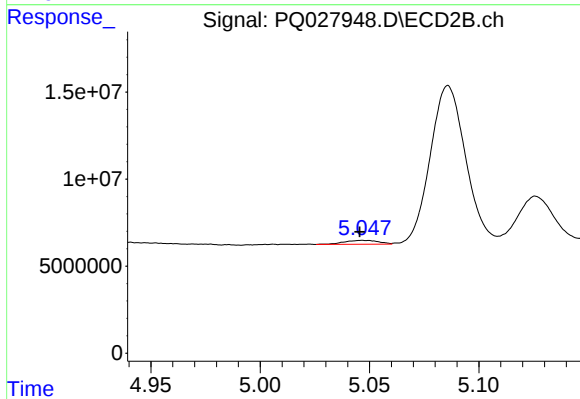
#5 AR-1016-3

R.T.: 4.871 min
Delta R.T.: -0.056 min
Response: 3059885
Conc: 7.83 ng/ml



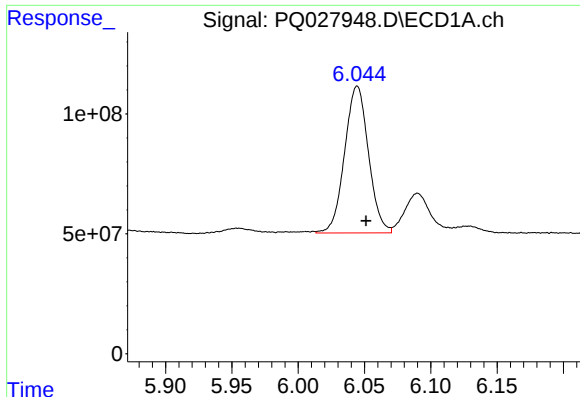
#6 AR-1016-4

R.T.: 5.955 min
Delta R.T.: -0.006 min
Response: 32464015
Conc: 14.60 ng/ml



#6 AR-1016-4

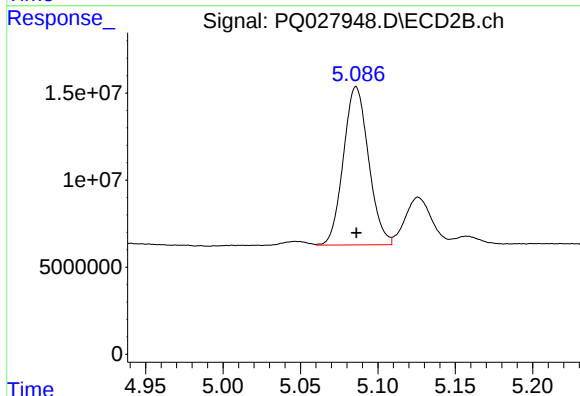
R.T.: 5.047 min
Delta R.T.: 0.001 min
Response: 2474622
Conc: 8.26 ng/ml



#7 AR-1016-5

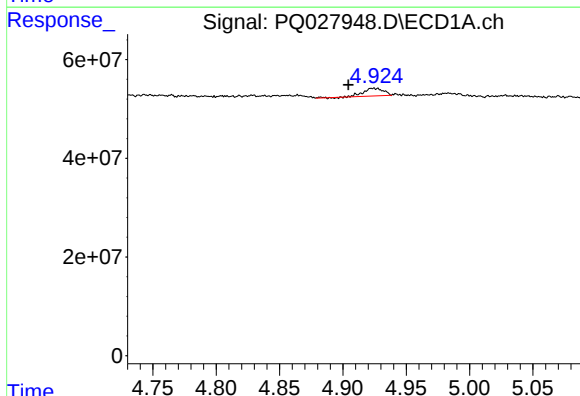
R.T.: 6.045 min
Delta R.T.: -0.007 min
Response: 767884158
Conc: 433.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



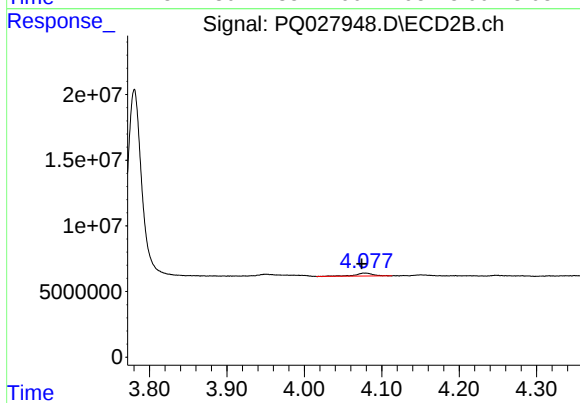
#7 AR-1016-5

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 102861288
Conc: 441.88 ng/ml



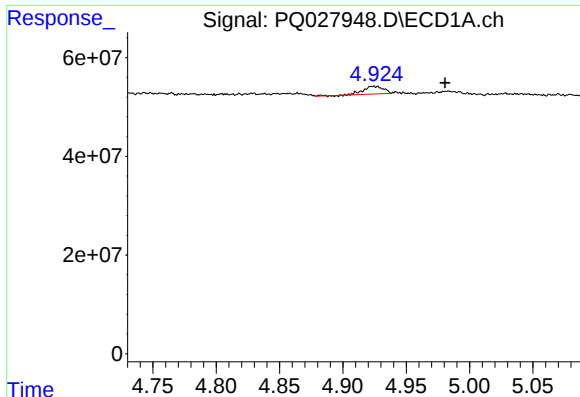
#9 AR-1221-2

R.T.: 4.924 min
Delta R.T.: 0.020 min
Response: 16847607
Conc: 20.29 ng/ml



#9 AR-1221-2

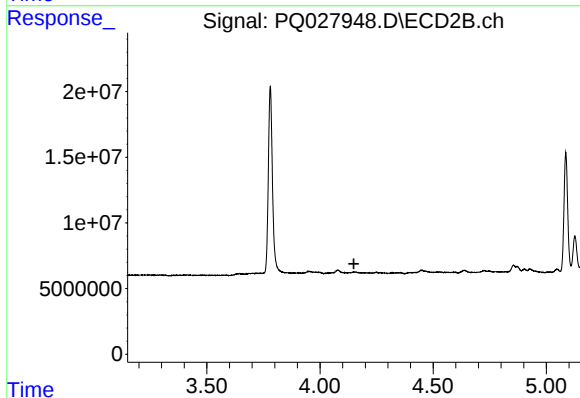
R.T.: 4.077 min
Delta R.T.: 0.003 min
Response: 3593092
Conc: 27.57 ng/ml



#10 AR-1221-3

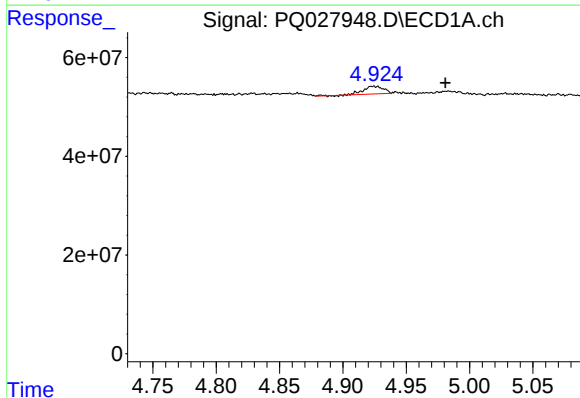
R.T.: 4.924 min
Delta R.T.: -0.056 min
Response: 16847607
Conc: 5.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



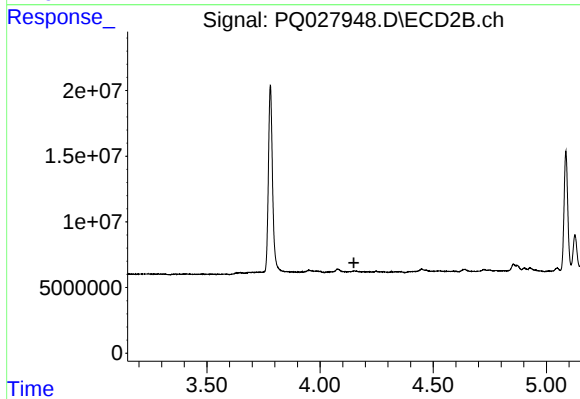
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.150 min
Response: 0
Conc: N.D.



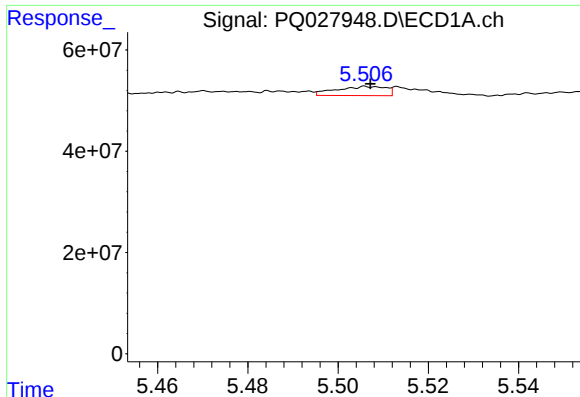
#11 AR-1232-1

R.T.: 4.924 min
Delta R.T.: -0.057 min
Response: 16847607
Conc: 8.50 ng/ml



#11 AR-1232-1

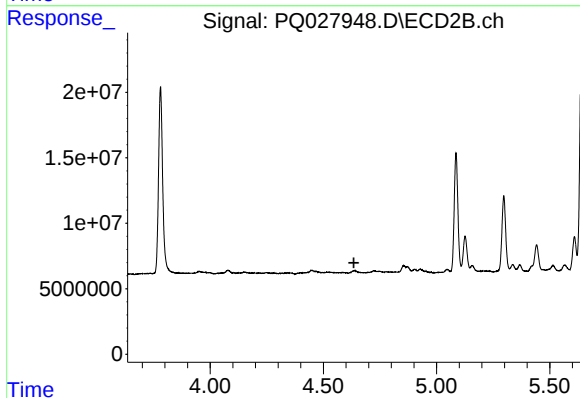
R.T.: 0.000 min
Exp R.T. : 4.149 min
Response: 0
Conc: N.D.



#12 AR-1232-2

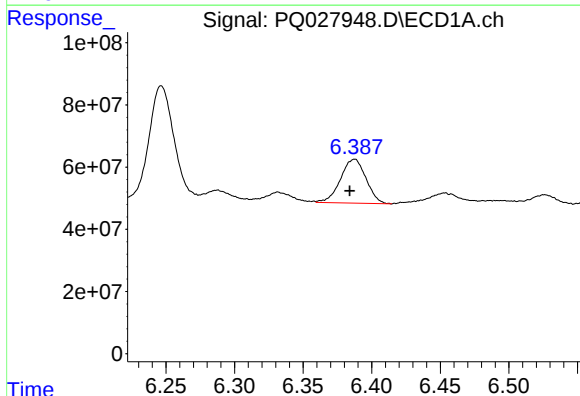
R.T.: 5.506 min
Delta R.T.: 0.000 min
Response: 13717790
Conc: 11.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



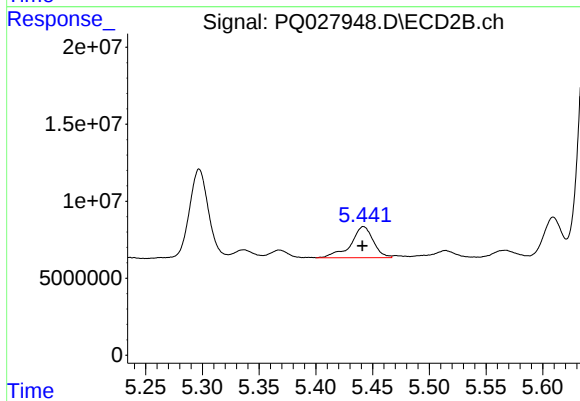
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.635 min
Response: 0
Conc: N.D.



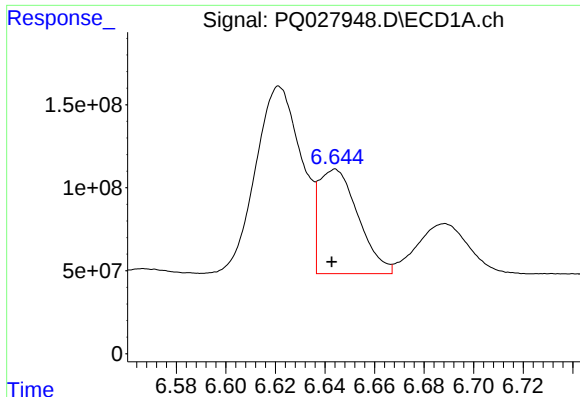
#13 AR-1232-3

R.T.: 6.388 min
Delta R.T.: 0.004 min
Response: 182948956
Conc: 164.06 ng/ml



#13 AR-1232-3

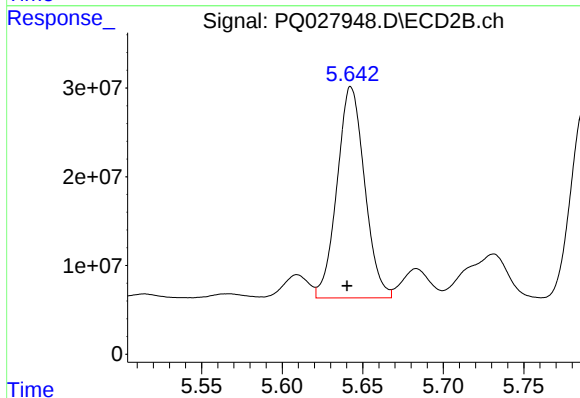
R.T.: 5.442 min
Delta R.T.: 0.000 min
Response: 27940328
Conc: 156.20 ng/ml



#14 AR-1232-4

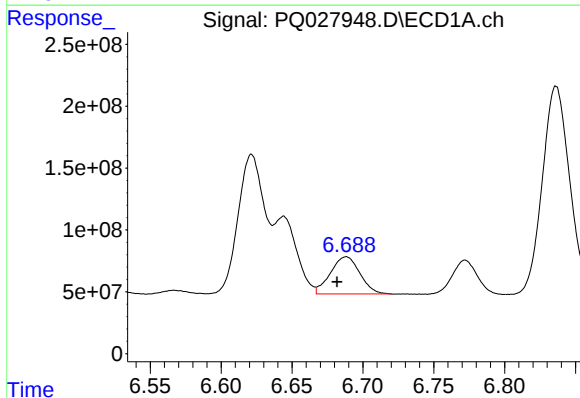
R.T.: 6.644 min
Delta R.T.: 0.001 min
Response: 695513842
Conc: 571.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



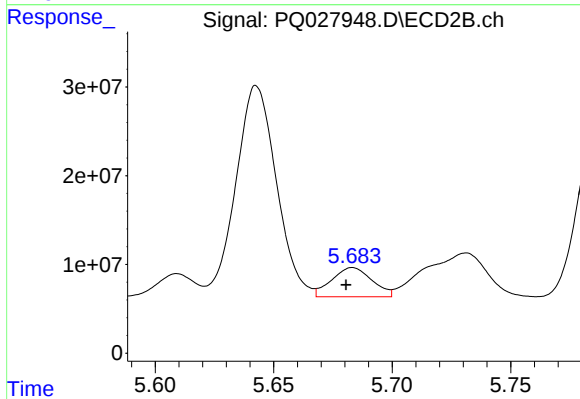
#14 AR-1232-4

R.T.: 5.643 min
Delta R.T.: 0.003 min
Response: 283433609
Conc: 1427.44 ng/ml



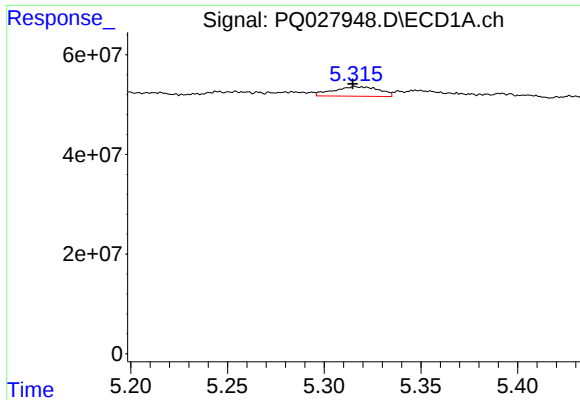
#15 AR-1232-5

R.T.: 6.688 min
Delta R.T.: 0.007 min
Response: 434679579
Conc: 349.74 ng/ml



#15 AR-1232-5

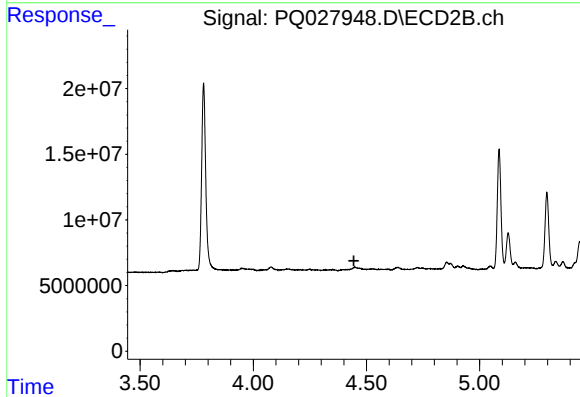
R.T.: 5.683 min
Delta R.T.: 0.003 min
Response: 39042135
Conc: 228.07 ng/ml



#16 AR-1242-1

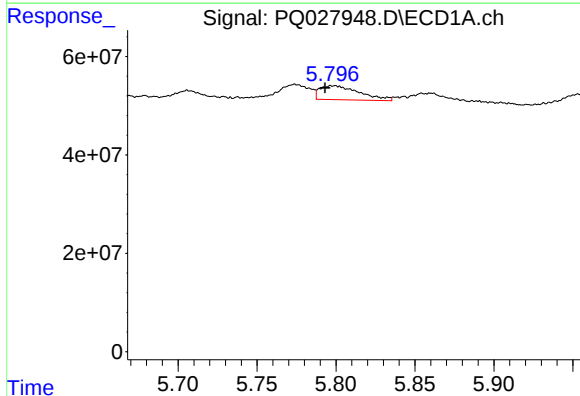
R.T.: 5.316 min
Delta R.T.: 0.000 min
Response: 31677158
Conc: 18.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



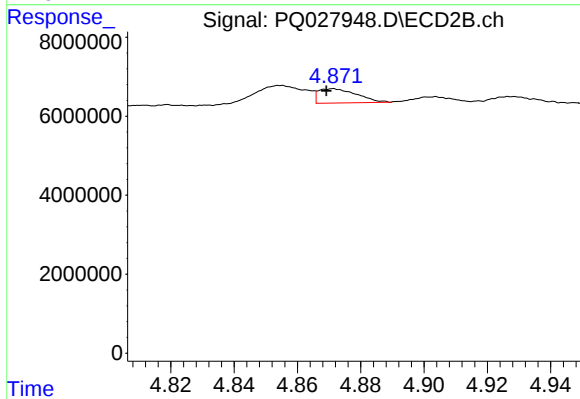
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.445 min
Response: 0
Conc: N.D.



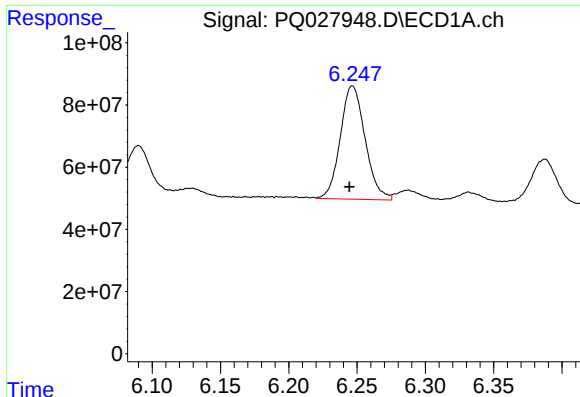
#17 AR-1242-2

R.T.: 5.797 min
Delta R.T.: 0.004 min
Response: 49381687
Conc: 13.12 ng/ml



#17 AR-1242-2

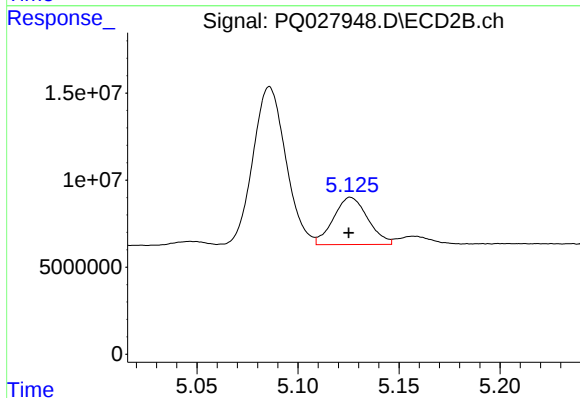
R.T.: 4.871 min
Delta R.T.: 0.002 min
Response: 3059885
Conc: 6.11 ng/ml



#18 AR-1242-3

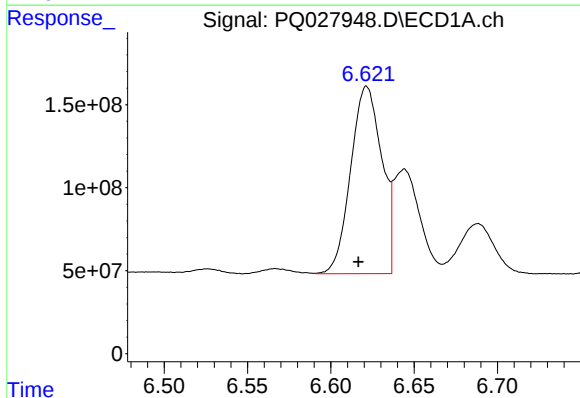
R.T.: 6.247 min
Delta R.T.: 0.002 min
Response: 461029663
Conc: 251.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



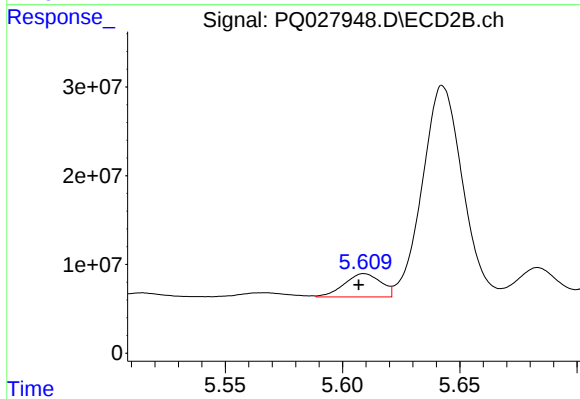
#18 AR-1242-3

R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 32090092
Conc: 126.43 ng/ml



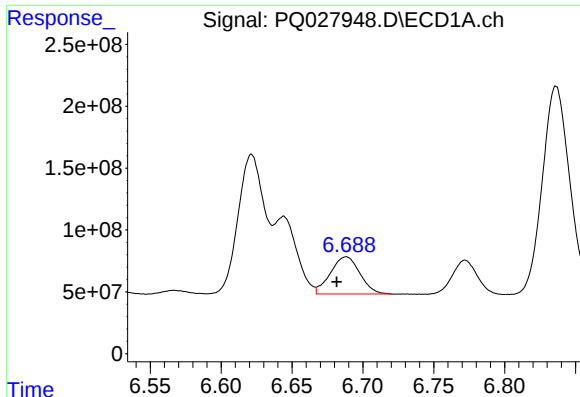
#19 AR-1242-4

R.T.: 6.621 min
Delta R.T.: 0.005 min
Response: 1462475676
Conc: 1018.59 ng/ml



#19 AR-1242-4

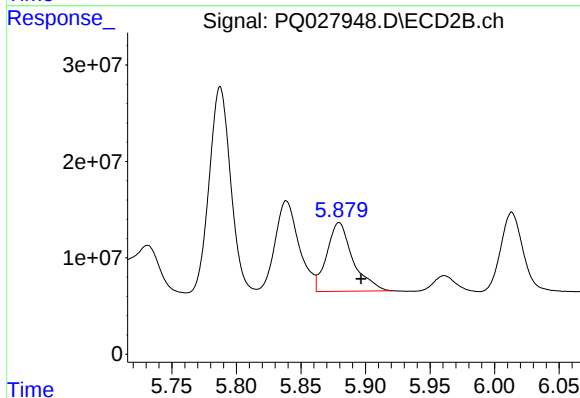
R.T.: 5.609 min
Delta R.T.: 0.002 min
Response: 28336406
Conc: 155.29 ng/ml



#20 AR-1242-5

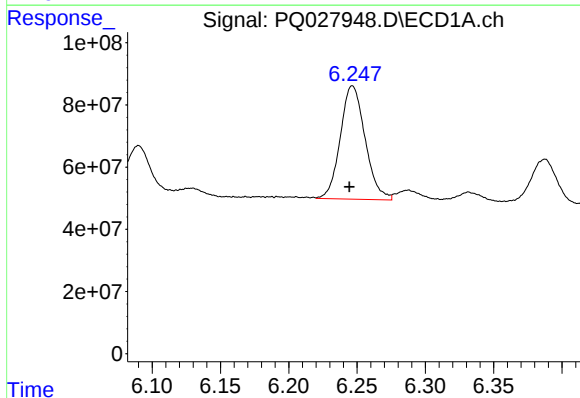
R.T.: 6.688 min
Delta R.T.: 0.007 min
Response: 434679579
Conc: 207.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



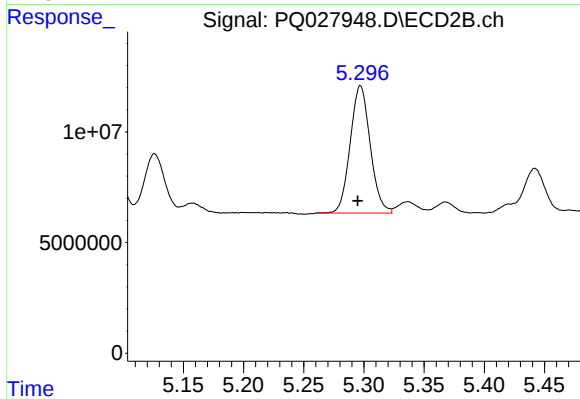
#20 AR-1242-5

R.T.: 5.880 min
Delta R.T.: -0.017 min
Response: 99946985
Conc: 523.71 ng/ml



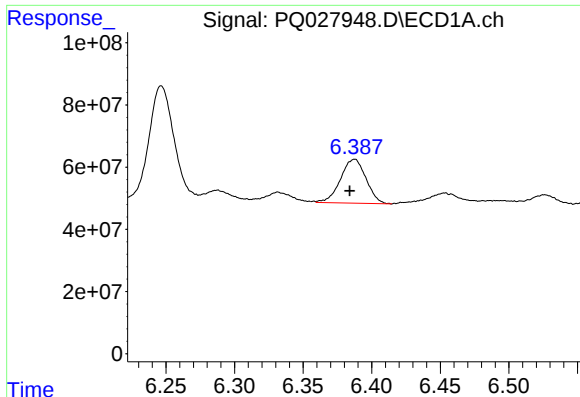
#21 AR-1248-1

R.T.: 6.247 min
Delta R.T.: 0.002 min
Response: 461029663
Conc: 130.60 ng/ml



#21 AR-1248-1

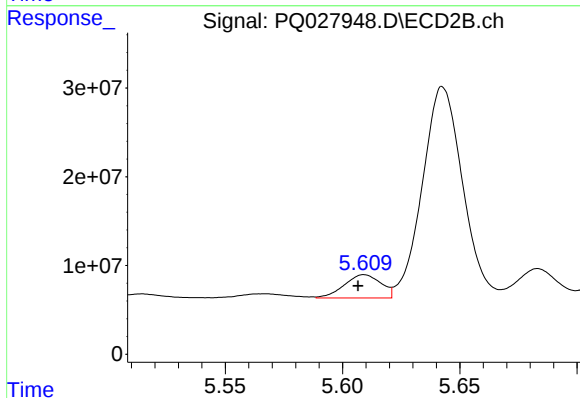
R.T.: 5.297 min
Delta R.T.: 0.002 min
Response: 66578163
Conc: 128.42 ng/ml



#22 AR-1248-2

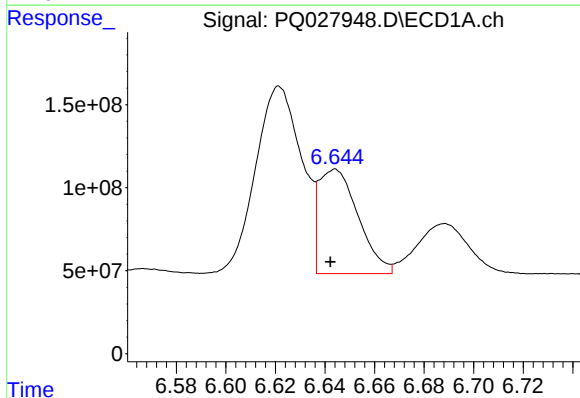
R.T.: 6.388 min
Delta R.T.: 0.004 min
Response: 182948956
Conc: 60.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



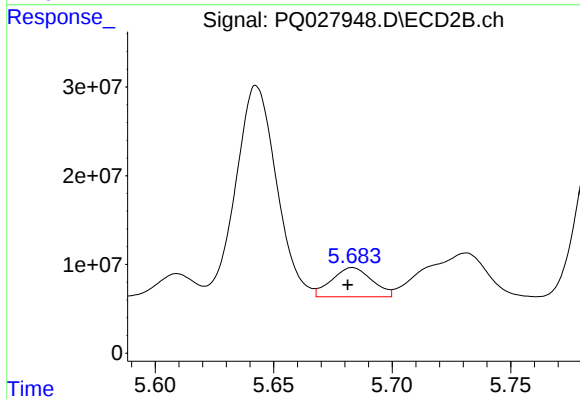
#22 AR-1248-2

R.T.: 5.609 min
Delta R.T.: 0.003 min
Response: 28336406
Conc: 88.69 ng/ml



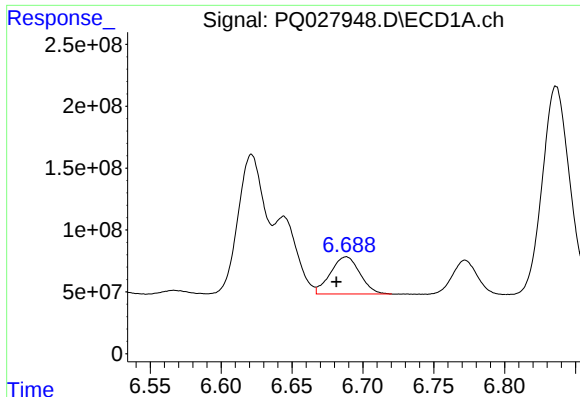
#23 AR-1248-3

R.T.: 6.644 min
Delta R.T.: 0.002 min
Response: 695513842
Conc: 163.26 ng/ml



#23 AR-1248-3

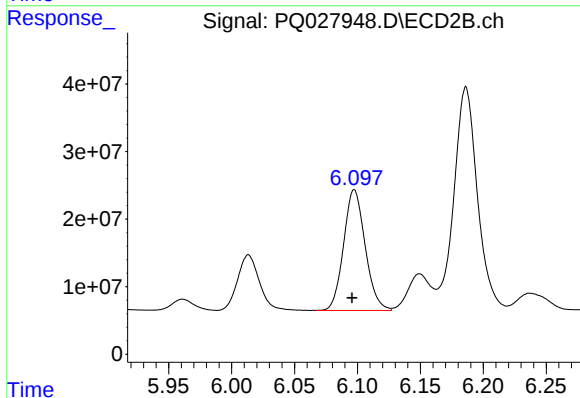
R.T.: 5.683 min
Delta R.T.: 0.002 min
Response: 39042135
Conc: 68.04 ng/ml



#24 AR-1248-4

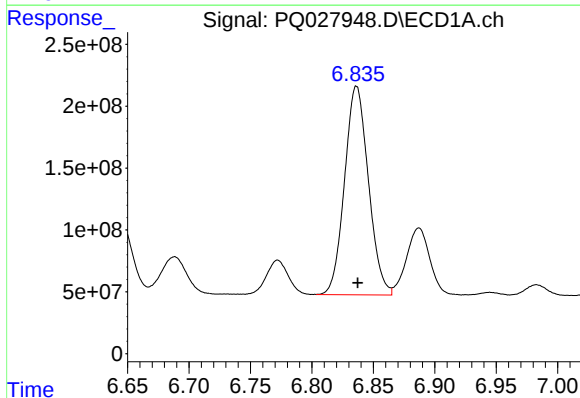
R.T.: 6.688 min
Delta R.T.: 0.007 min
Response: 434679579
Conc: 109.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



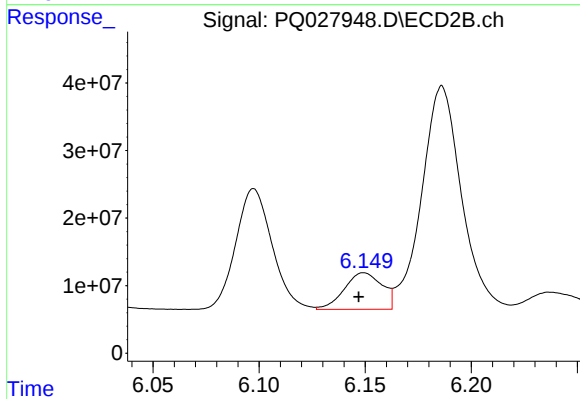
#24 AR-1248-4

R.T.: 6.098 min
Delta R.T.: 0.002 min
Response: 212993372
Conc: 862.94 ng/ml



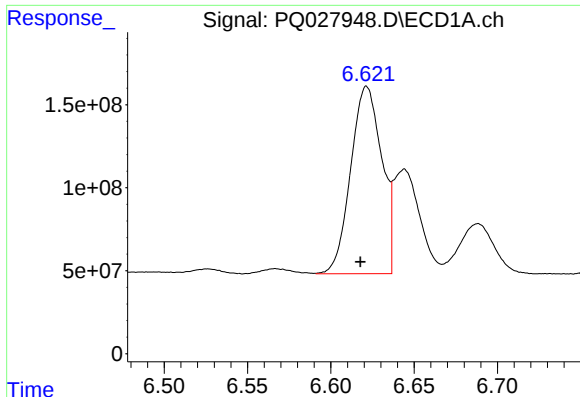
#25 AR-1248-5

R.T.: 6.836 min
Delta R.T.: -0.001 min
Response: 2279074505
Conc: 553.99 ng/ml



#25 AR-1248-5

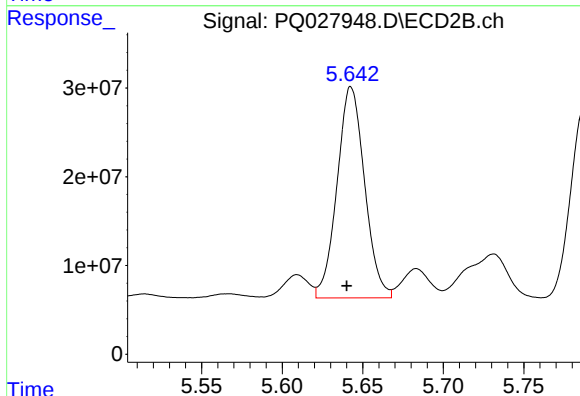
R.T.: 6.149 min
Delta R.T.: 0.002 min
Response: 66986442
Conc: 462.85 ng/ml



#26 AR-1254-1

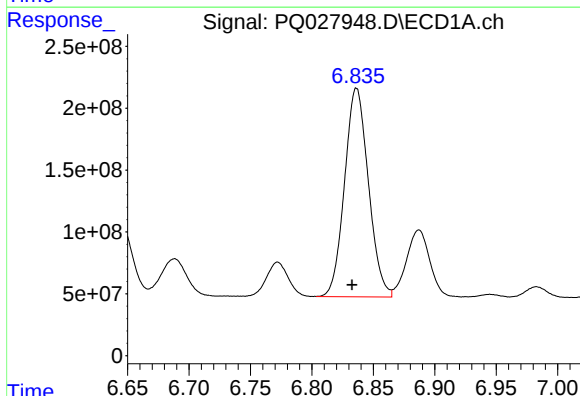
R.T.: 6.621 min
Delta R.T.: 0.004 min
Response: 1462475676
Conc: 362.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



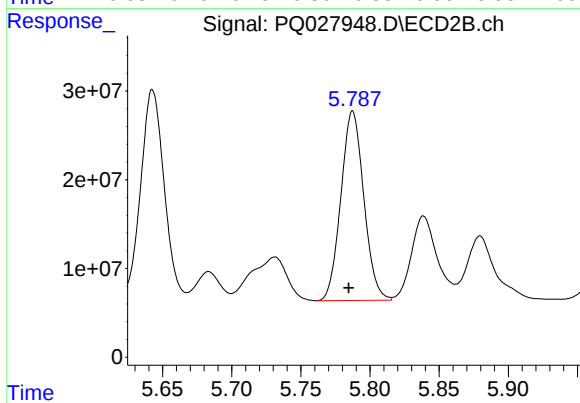
#26 AR-1254-1

R.T.: 5.643 min
Delta R.T.: 0.003 min
Response: 283433609
Conc: 358.81 ng/ml



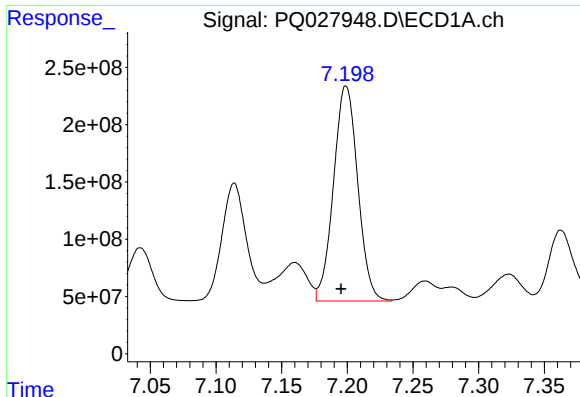
#27 AR-1254-2

R.T.: 6.836 min
Delta R.T.: 0.004 min
Response: 2279074505
Conc: 365.17 ng/ml



#27 AR-1254-2

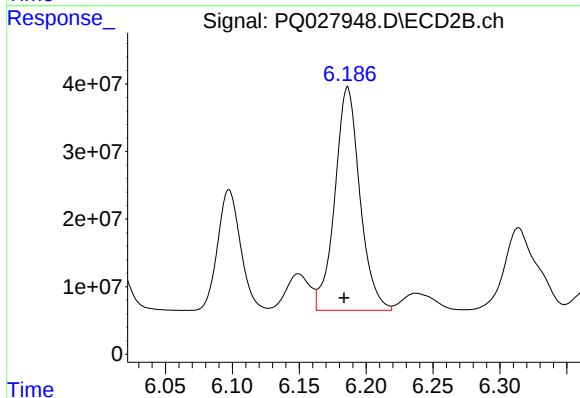
R.T.: 5.787 min
Delta R.T.: 0.003 min
Response: 246098178
Conc: 357.94 ng/ml



#28 AR-1254-3

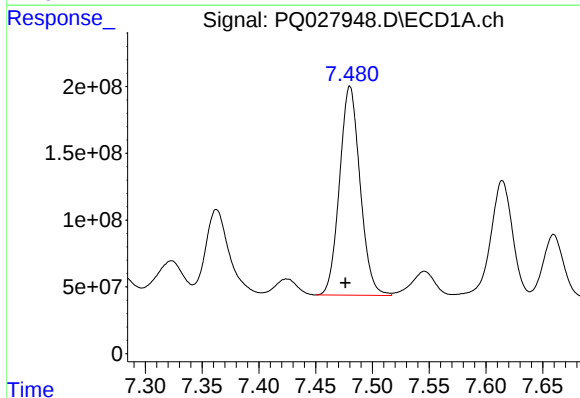
R.T.: 7.199 min
Delta R.T.: 0.004 min
Response: 2415090060
Conc: 362.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



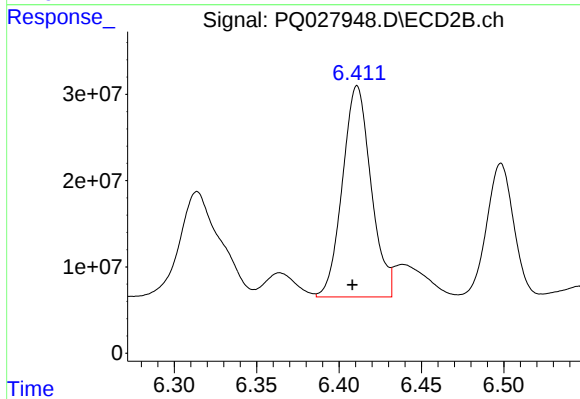
#28 AR-1254-3

R.T.: 6.186 min
Delta R.T.: 0.003 min
Response: 431053545
Conc: 353.57 ng/ml



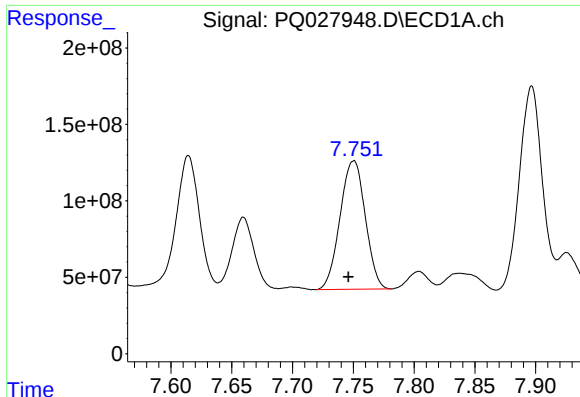
#29 AR-1254-4

R.T.: 7.480 min
Delta R.T.: 0.004 min
Response: 1970884678
Conc: 370.79 ng/ml



#29 AR-1254-4

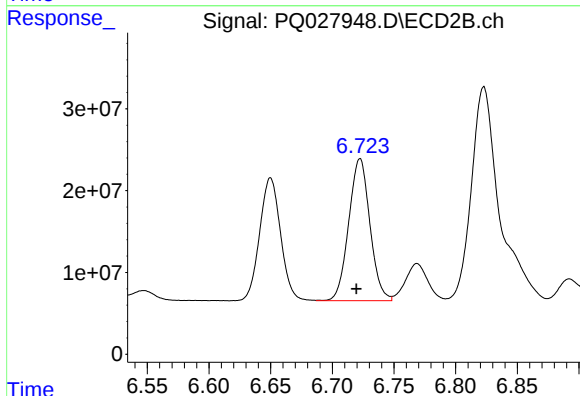
R.T.: 6.411 min
Delta R.T.: 0.003 min
Response: 295591996
Conc: 355.55 ng/ml



#30 AR-1254-5

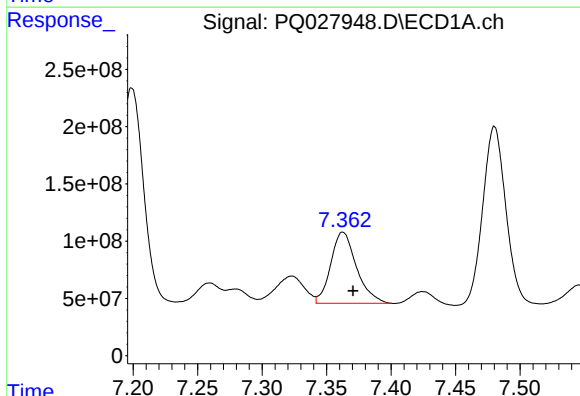
R.T.: 7.750 min
Delta R.T.: 0.004 min
Response: 1213795585
Conc: 358.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



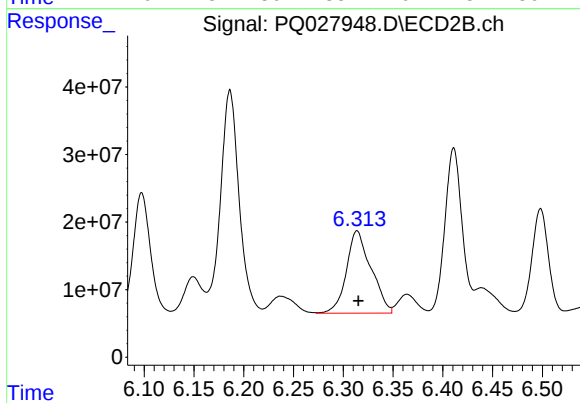
#30 AR-1254-5

R.T.: 6.723 min
Delta R.T.: 0.003 min
Response: 207870436
Conc: 356.16 ng/ml



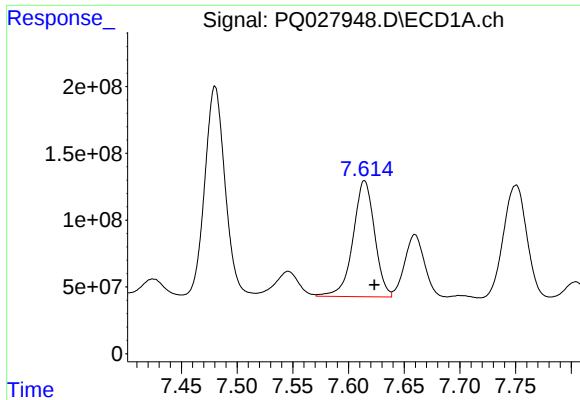
#31 AR-1260-1

R.T.: 7.363 min
Delta R.T.: -0.008 min
Response: 864816013
Conc: 207.68 ng/ml



#31 AR-1260-1

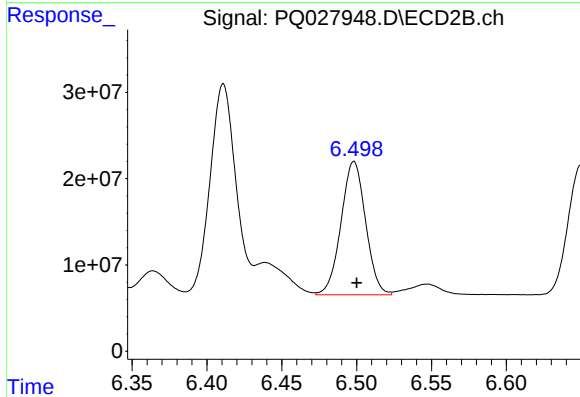
R.T.: 6.314 min
Delta R.T.: -0.001 min
Response: 210139893
Conc: 284.81 ng/ml



#32 AR-1260-2

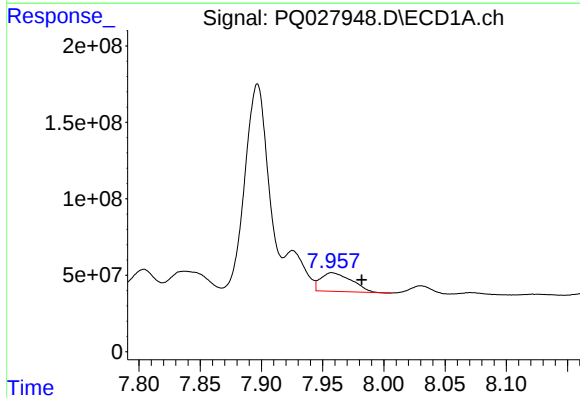
R.T.: 7.614 min
Delta R.T.: -0.009 min
Response: 1168884483
Conc: 197.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



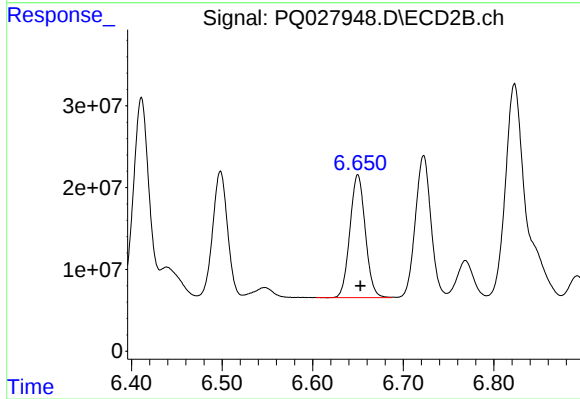
#32 AR-1260-2

R.T.: 6.498 min
Delta R.T.: -0.002 min
Response: 176913489
Conc: 185.06 ng/ml



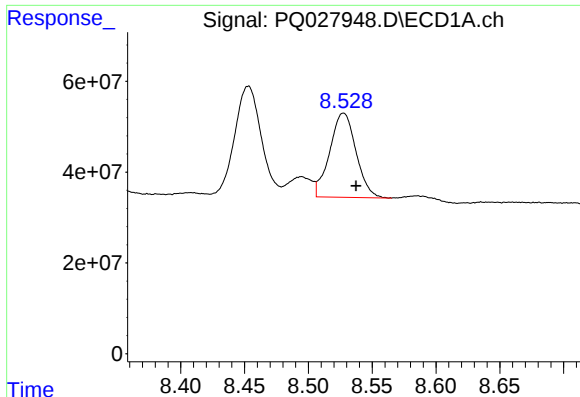
#33 AR-1260-3

R.T.: 7.958 min
Delta R.T.: -0.024 min
Response: 215386311
Conc: 44.49 ng/ml



#33 AR-1260-3

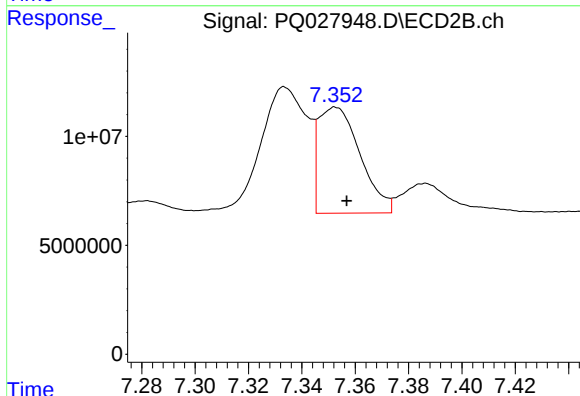
R.T.: 6.650 min
Delta R.T.: -0.003 min
Response: 177180656
Conc: 203.92 ng/ml



#34 AR-1260-4

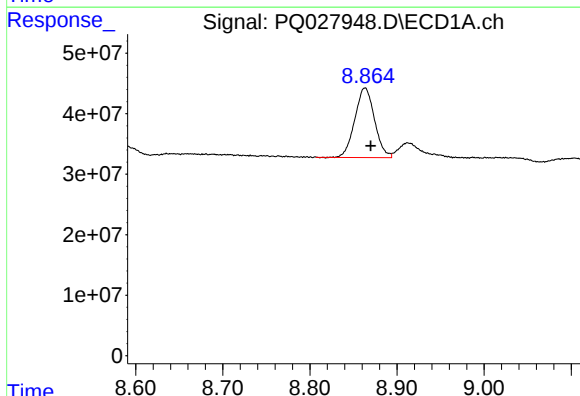
R.T.: 8.528 min
Delta R.T.: -0.010 min
Response: 266185344
Conc: 24.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



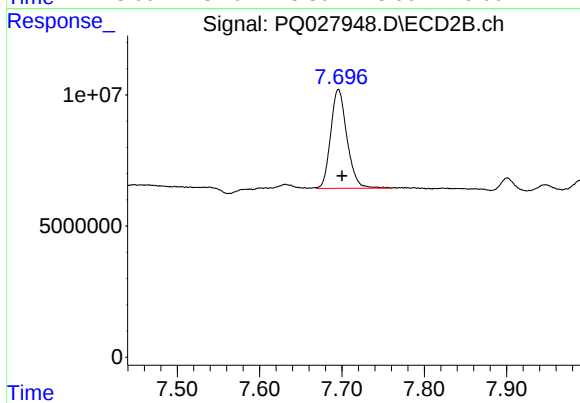
#34 AR-1260-4

R.T.: 7.353 min
Delta R.T.: -0.004 min
Response: 52811033
Conc: 26.02 ng/ml



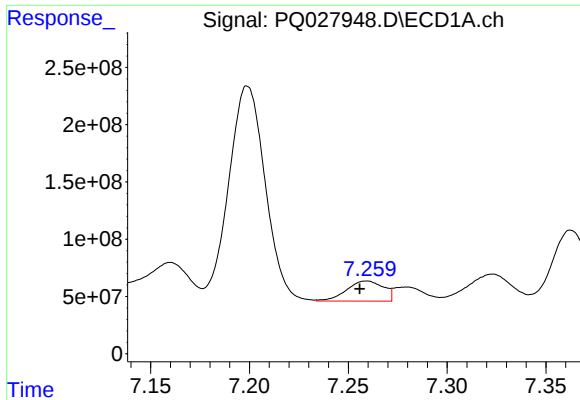
#35 AR-1260-5

R.T.: 8.863 min
Delta R.T.: -0.006 min
Response: 181294875
Conc: 30.02 ng/ml



#35 AR-1260-5

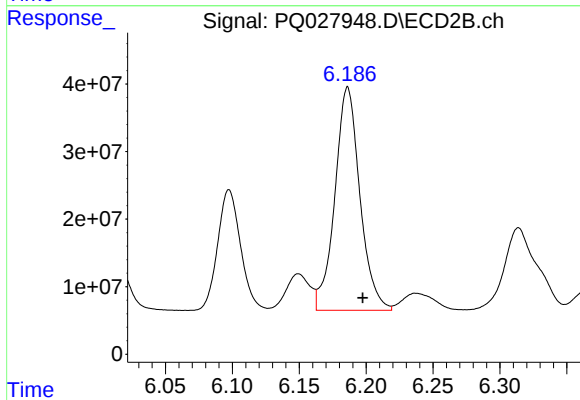
R.T.: 7.696 min
Delta R.T.: -0.004 min
Response: 51880614
Conc: 35.04 ng/ml



#36 AR-1262-1

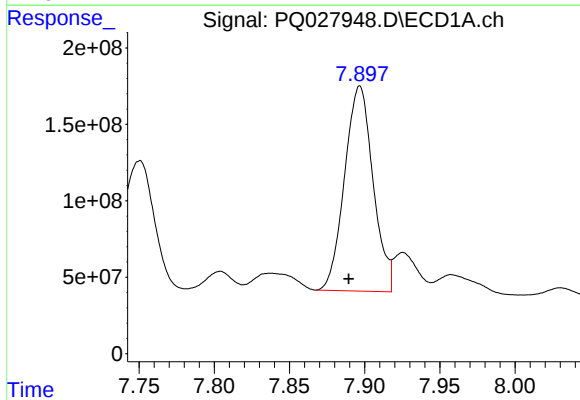
R.T.: 7.259 min
Delta R.T.: 0.003 min
Response: 228262667
Conc: 70.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



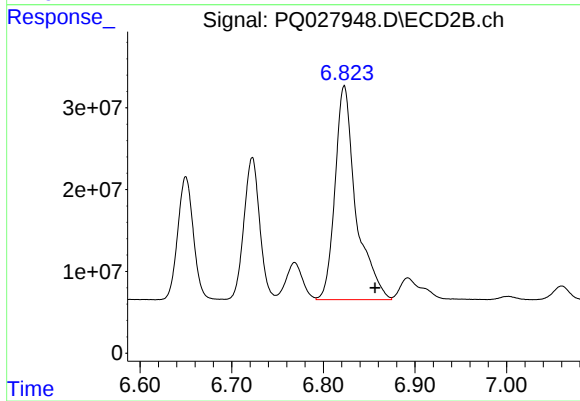
#36 AR-1262-1

R.T.: 6.186 min
Delta R.T.: -0.011 min
Response: 431053545
Conc: 910.98 ng/ml



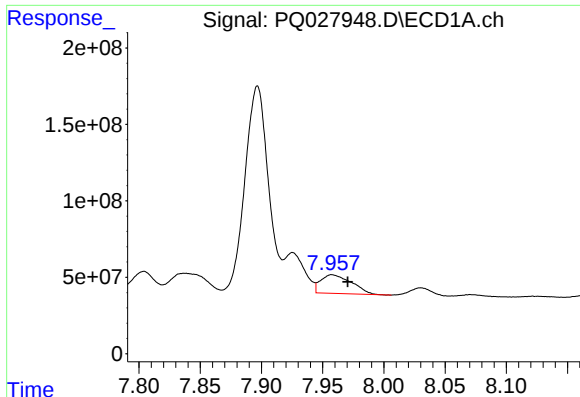
#37 AR-1262-2

R.T.: 7.897 min
Delta R.T.: 0.007 min
Response: 1769860414
Conc: 387.22 ng/ml



#37 AR-1262-2

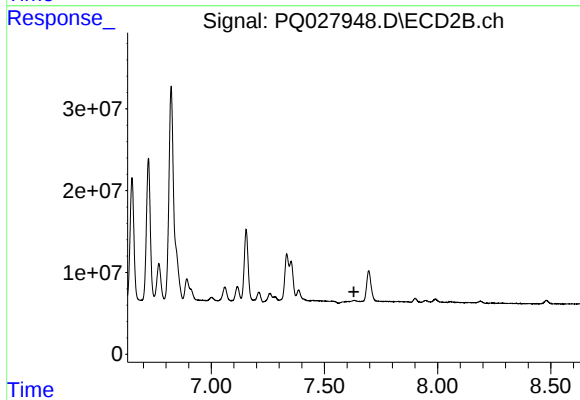
R.T.: 6.823 min
Delta R.T.: -0.034 min
Response: 414760087
Conc: 310.43 ng/ml



#38 AR-1262-3

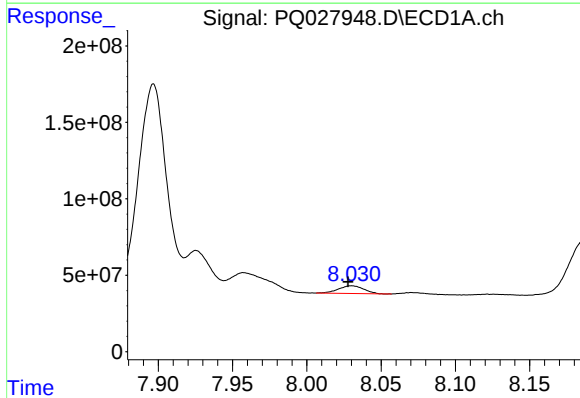
R.T.: 7.958 min
Delta R.T.: -0.013 min
Response: 215386311
Conc: 26.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



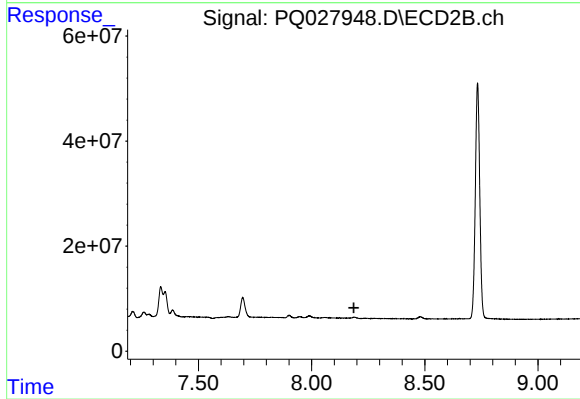
#38 AR-1262-3

R.T.: 7.631 min
Delta R.T.: 0.001 min
Response: -346052
Conc: N.D.



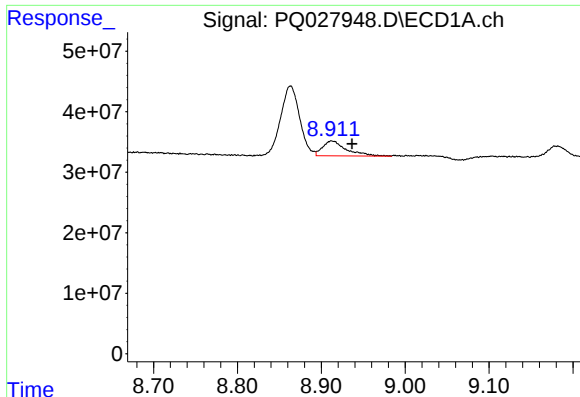
#39 AR-1262-4

R.T.: 8.030 min
Delta R.T.: 0.002 min
Response: 59579147
Conc: 19.68 ng/ml



#39 AR-1262-4

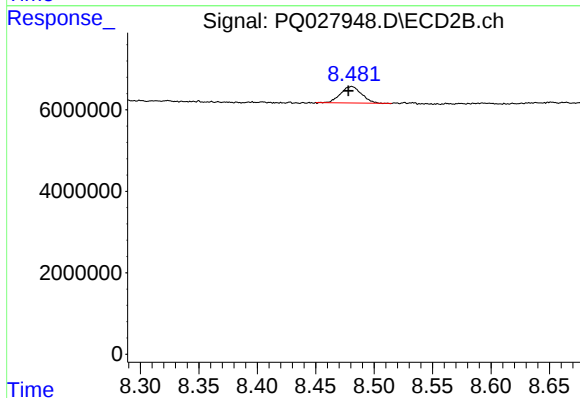
R.T.: 0.000 min
Exp R.T.: 8.187 min
Response: 0
Conc: N.D.



#40 AR-1262-5

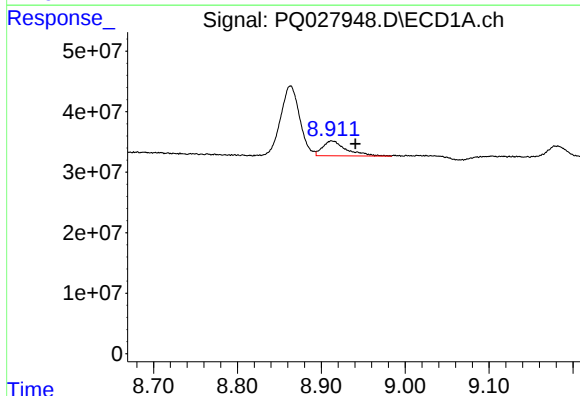
R.T.: 8.912 min
Delta R.T.: -0.024 min
Response: 49077314
Conc: 7.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



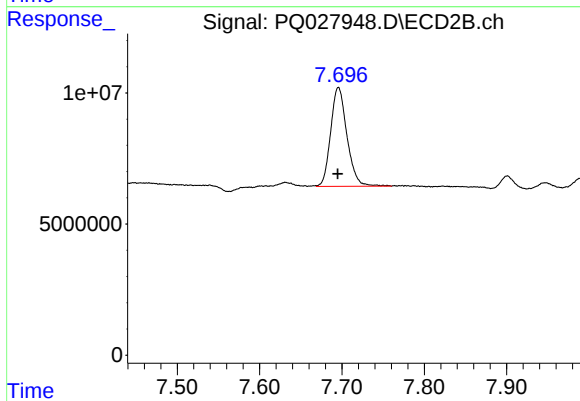
#40 AR-1262-5

R.T.: 8.481 min
Delta R.T.: 0.003 min
Response: 5010647
Conc: 14.50 ng/ml



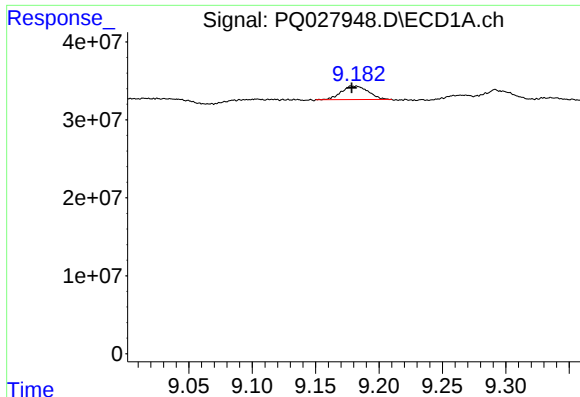
#41 AR-1268-1

R.T.: 8.912 min
Delta R.T.: -0.028 min
Response: 49077314
Conc: 3.18 ng/ml



#41 AR-1268-1

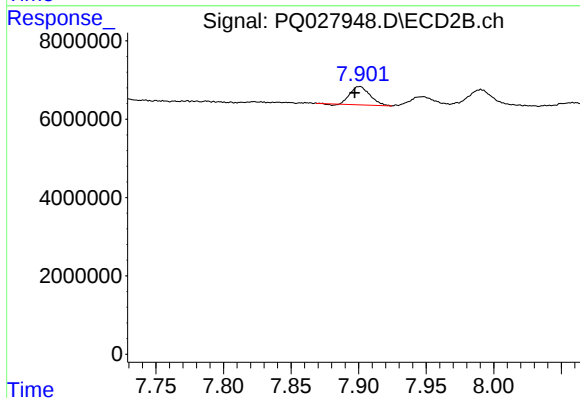
R.T.: 7.696 min
Delta R.T.: 0.000 min
Response: 51880614
Conc: 17.25 ng/ml



#42 AR-1268-2

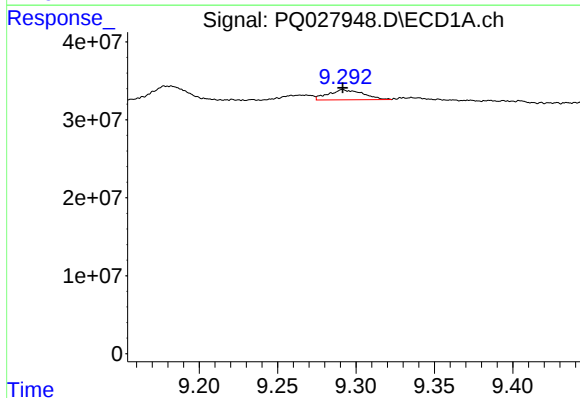
R.T.: 9.180 min
Delta R.T.: 0.001 min
Response: 25277688
Conc: 1.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



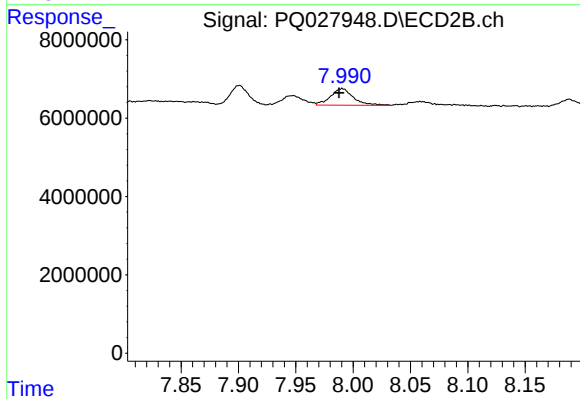
#42 AR-1268-2

R.T.: 7.901 min
Delta R.T.: 0.004 min
Response: 4709014
Conc: 1.75 ng/ml



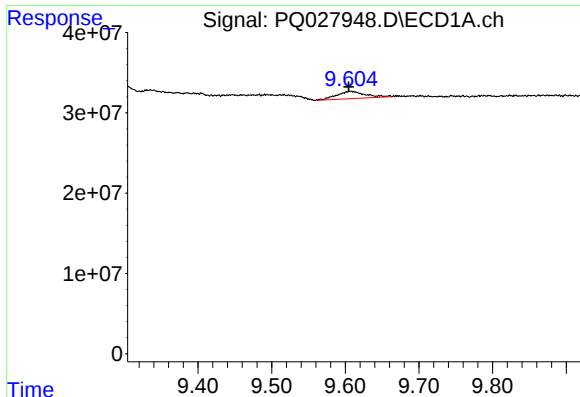
#43 AR-1268-3

R.T.: 9.292 min
Delta R.T.: 0.000 min
Response: 19831229
Conc: 5.76 ng/ml



#43 AR-1268-3

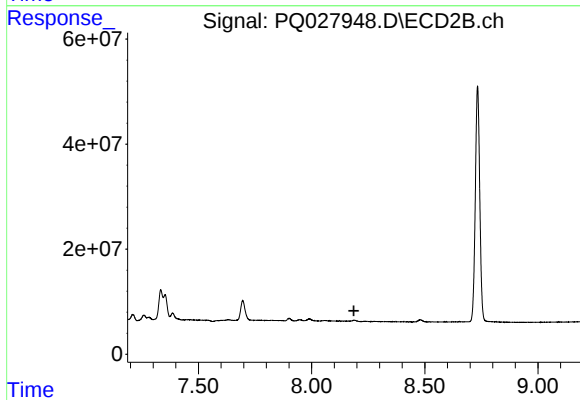
R.T.: 7.990 min
Delta R.T.: 0.003 min
Response: 5852717
Conc: 8.15 ng/ml



#44 AR-1268-4

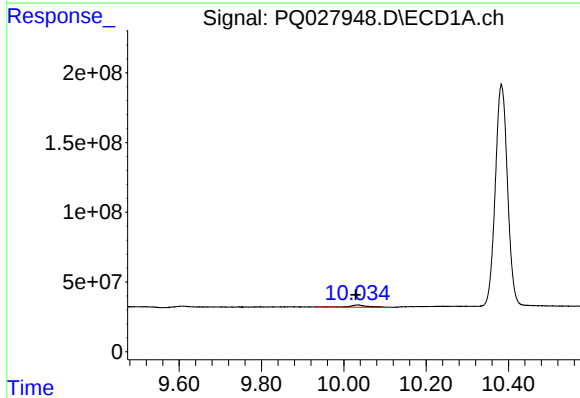
R.T.: 9.607 min
Delta R.T.: 0.003 min
Response: 24617785
Conc: 4.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



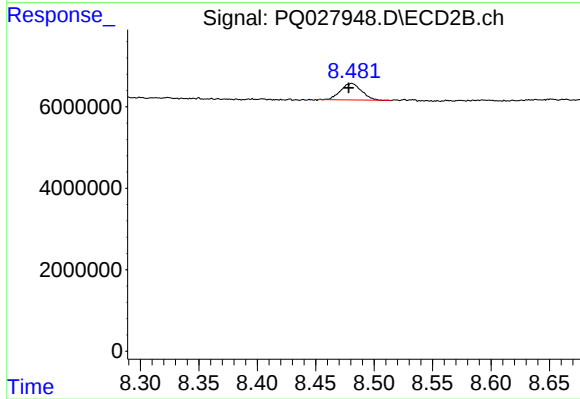
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.187 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.034 min
Delta R.T.: 0.005 min
Response: 48127951
Conc: 1.22 ng/ml



#45 AR-1268-5

R.T.: 8.481 min
Delta R.T.: 0.002 min
Response: 5010647
Conc: 0.64 ng/ml