

Data Path : P:\HPCHEM1\ECD_Q\Data\PQ041318\
 Data File : PQ027957.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Apr 2018 12:57
 Operator : UA/SM
 Sample : J2082-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 13:11:19 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...	4.621	3.782	707.7E6	140.6E6	8.560	14.598 #
2)	SA Decachlor...	10.383	8.733	2447.8E6	402.5E6	26.795	22.150
Target Compounds							
3)	L1 AR-1016-1	4.984	4.153	209.7E6	34259037	162.963	192.011
4)	L1 AR-1016-2	5.510	4.637	361.4E6	53781468	188.548	204.674
5)	L1 AR-1016-3	5.858	4.928	371.6E6	84314465	144.456	215.727 #
6)	L1 AR-1016-4	5.955	5.047	452.3E6	73161412	203.481	244.239
7)	L1 AR-1016-5	6.045	5.086	544.3E6	100.9E6	307.301	433.425 #
8)	L2 AR-1221-1	4.867	3.992	23324658	6009522	19.216	35.268 #
9)	L2 AR-1221-2	4.918	4.078	37665873	10300342	45.367	79.028 #
10)	L2 AR-1221-3	4.984	4.153	209.7E6	34259037	68.038	79.459
11)	L3 AR-1232-1	4.984	4.153	209.7E6	34259037	105.816	118.670
12)	L3 AR-1232-2	5.510	4.637	361.4E6	53781468	309.547	330.390
13)	L3 AR-1232-3	6.387	5.443	703.9E6	114.3E6	631.173	638.820
14)	L3 AR-1232-4	6.645	5.643	641.5E6	205.9E6	527.027	1036.745 #
15)	L3 AR-1232-5	6.684	5.683	818.5E6	125.0E6	658.577	730.268
16)	L4 AR-1242-1	5.317	4.448	304.7E6	53771561	179.549	244.684 #
17)	L4 AR-1242-2	5.796	4.872	811.1E6	131.5E6	215.544	262.751
18)	L4 AR-1242-3	6.246	5.128	723.7E6	96902911	394.641	381.793
19)	L4 AR-1242-4	6.619	5.609	844.3E6	72604181	588.026	397.879 #
20)	L4 AR-1242-5	6.684	5.899	818.5E6	64965781	391.078	340.415
21)	L5 AR-1248-1	6.246	5.297	723.7E6	111.8E6	205.010	215.634
22)	L5 AR-1248-2	6.387	5.609	703.9E6	72604181	232.333	227.241
23)	L5 AR-1248-3	6.645	5.683	641.5E6	125.0E6	150.586	217.858 #
24)	L5 AR-1248-4	6.684	6.098	818.5E6	87937600	205.525	356.277 #
25)	L5 AR-1248-5	6.837	6.149	1197.7E6	58160603	291.134	401.865 #
26)	L6 AR-1254-1	6.619	5.643	844.3E6	205.9E6	208.995	260.602
27)	L6 AR-1254-2	6.837	5.788	1197.7E6	105.9E6	191.907	154.010
28)	L6 AR-1254-3	7.199	6.186	1100.7E6	241.7E6	165.071	198.222
29)	L6 AR-1254-4	7.480	6.411	635.6E6	100.5E6	119.584	120.834
30)	L6 AR-1254-5	7.748	6.723	626.2E6	100.5E6	184.756	172.129
31)	L7 AR-1260-1	7.362	6.314	556.4E6	144.3E6	133.616	195.572 #
32)	L7 AR-1260-2	7.614	6.498	824.7E6	124.0E6	139.546	129.730
33)	L7 AR-1260-3	7.973	6.650	470.3E6	123.5E6	97.143	142.162 #
34)	L7 AR-1260-4	8.527	7.356	1026.0E6	386.5E6	95.006	190.391 #
35)	L7 AR-1260-5	8.858	7.697	664.8E6	175.2E6	110.094	118.311
36)	L8 AR-1262-1	7.258	6.186	215.5E6	241.7E6	66.765	510.723 #
37)	L8 AR-1262-2	7.896	6.857	1234.3E6	74851508	270.053	56.023 #
38)	L8 AR-1262-3	7.973	7.634	470.3E6	64787060	57.635	61.421
39)	L8 AR-1262-4	8.039	8.189	757.2E6	57977216	250.102	61.006 #
40)	L8 AR-1262-5	8.940	8.478	284.4E6	30749583	40.814	88.972 #
41)	L9 AR-1268-1	8.940	7.697	284.4E6	175.2E6	18.424	58.244 #

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 Acq On : 12 Apr 2018 12:57
 Operator : UA/SM
 Sample : J2082-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

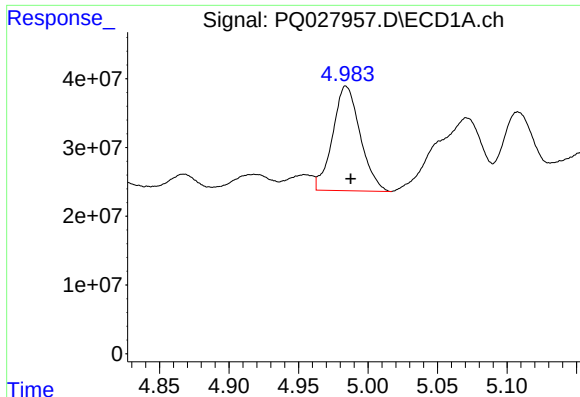
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 13:11:19 2018
 Quant Method : P:\HPCHEM1\ECD_Q\Method\PQ041018CLP.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
42) L9	AR-1268-2	9.244	7.897	279.3E6	20167576	19.589	7.501 #
43) L9	AR-1268-3	9.335	8.004	28480020	288.3E6	8.268	401.625 #
44) L9	AR-1268-4	9.608	8.189	296.9E6	57977216	57.311	55.079
45) L9	AR-1268-5	10.034	8.478	206.0E6	30749583	5.227	3.914 #

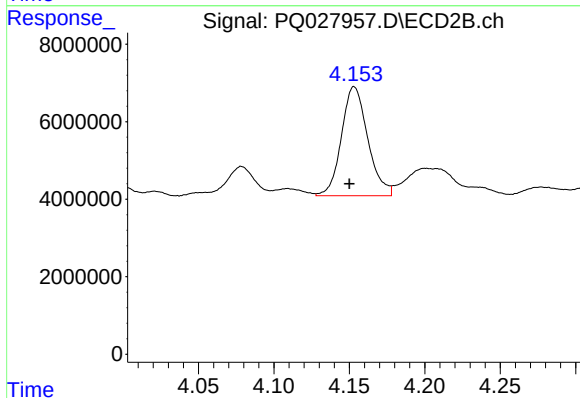
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

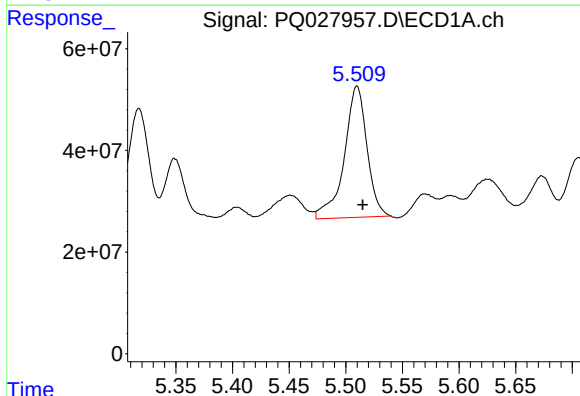
R.T.: 4.984 min
Delta R.T.: -0.003 min
Response: 209698621
Conc: 162.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



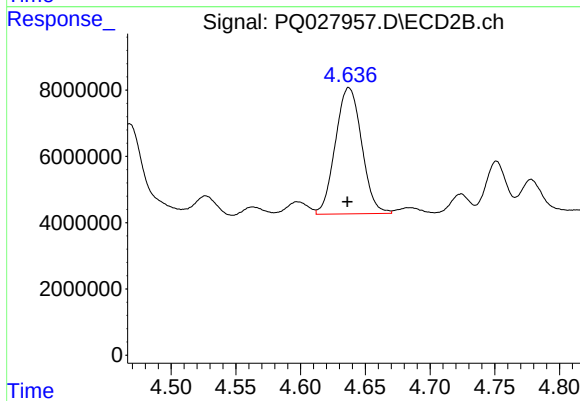
#3 AR-1016-1

R.T.: 4.153 min
Delta R.T.: 0.003 min
Response: 34259037
Conc: 192.01 ng/ml



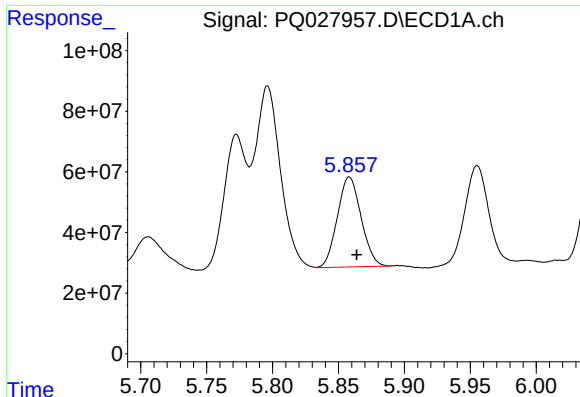
#4 AR-1016-2

R.T.: 5.510 min
Delta R.T.: -0.005 min
Response: 361443494
Conc: 188.55 ng/ml



#4 AR-1016-2

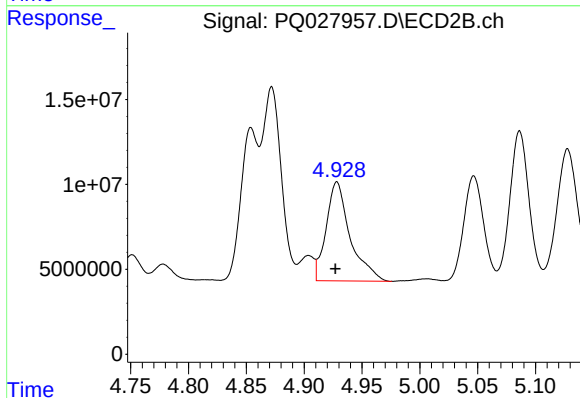
R.T.: 4.637 min
Delta R.T.: 0.001 min
Response: 53781468
Conc: 204.67 ng/ml



#5 AR-1016-3

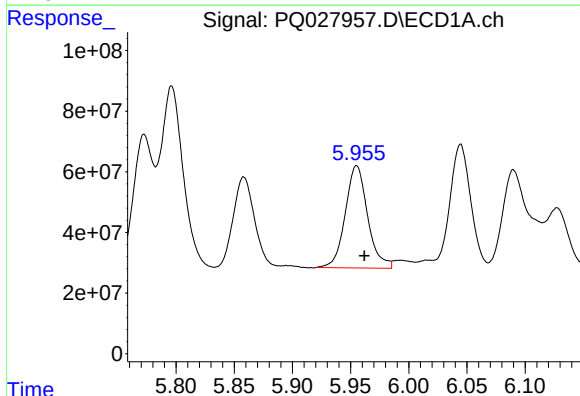
R.T.: 5.858 min
Delta R.T.: -0.006 min
Response: 371635717
Conc: 144.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



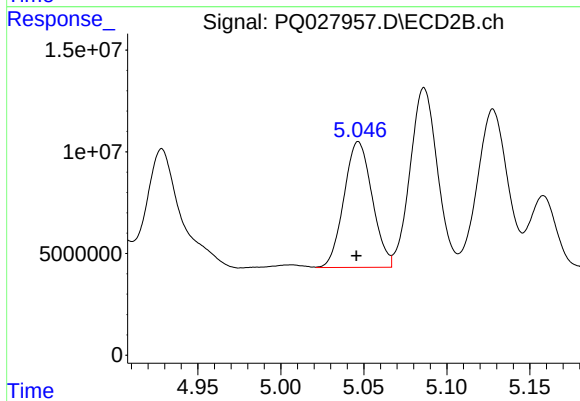
#5 AR-1016-3

R.T.: 4.928 min
Delta R.T.: 0.001 min
Response: 84314465
Conc: 215.73 ng/ml



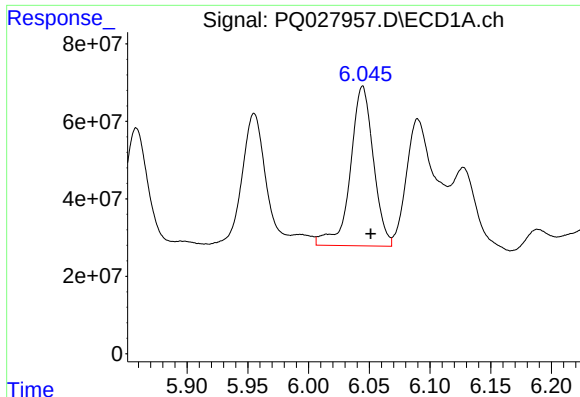
#6 AR-1016-4

R.T.: 5.955 min
Delta R.T.: -0.006 min
Response: 452325950
Conc: 203.48 ng/ml



#6 AR-1016-4

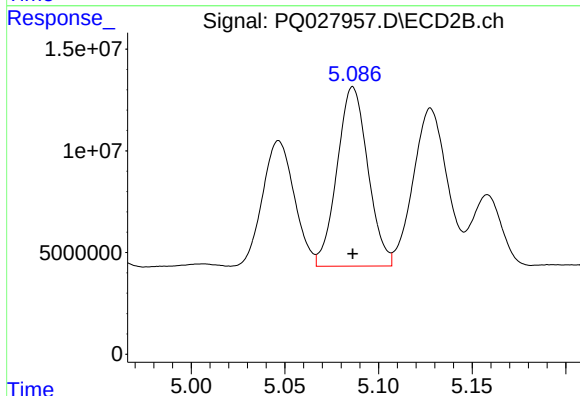
R.T.: 5.047 min
Delta R.T.: 0.001 min
Response: 73161412
Conc: 244.24 ng/ml



#7 AR-1016-5

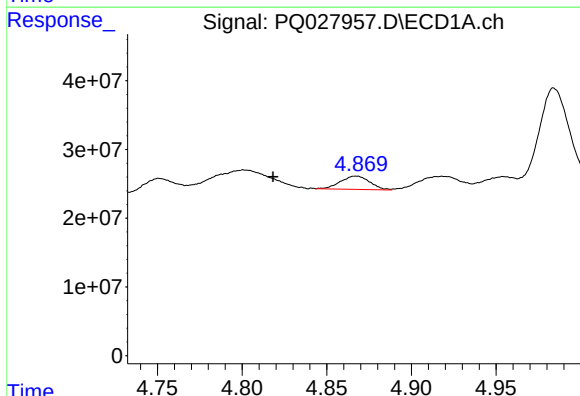
R.T.: 6.045 min
Delta R.T.: -0.007 min
Response: 544308791
Conc: 307.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



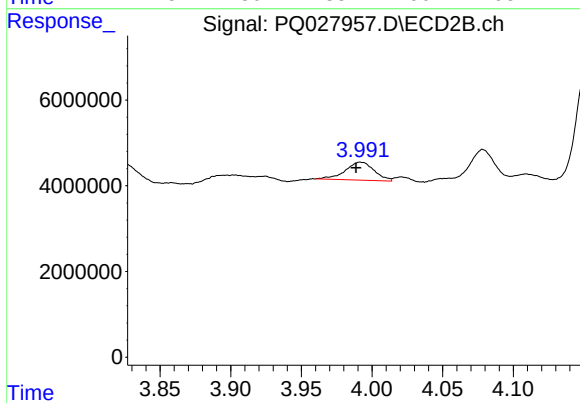
#7 AR-1016-5

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 100892150
Conc: 433.43 ng/ml



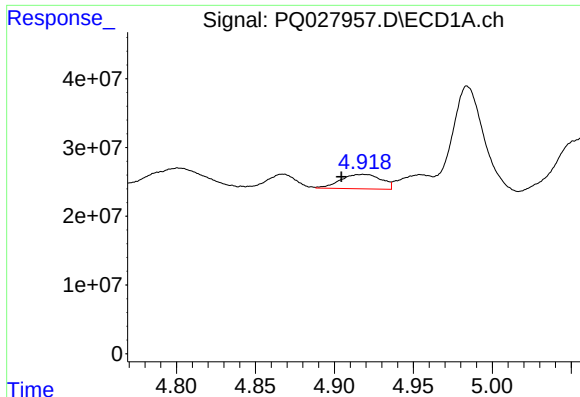
#8 AR-1221-1

R.T.: 4.867 min
Delta R.T.: 0.049 min
Response: 23324658
Conc: 19.22 ng/ml



#8 AR-1221-1

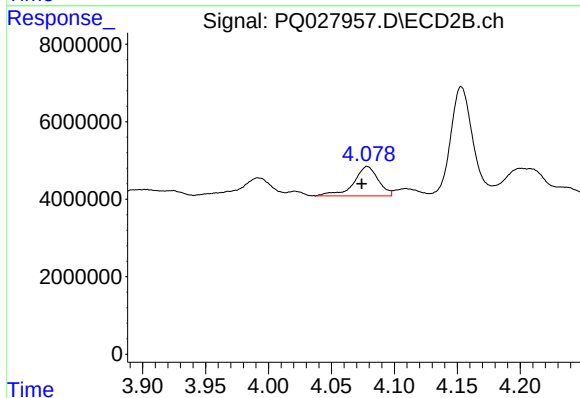
R.T.: 3.992 min
Delta R.T.: 0.003 min
Response: 6009522
Conc: 35.27 ng/ml



#9 AR-1221-2

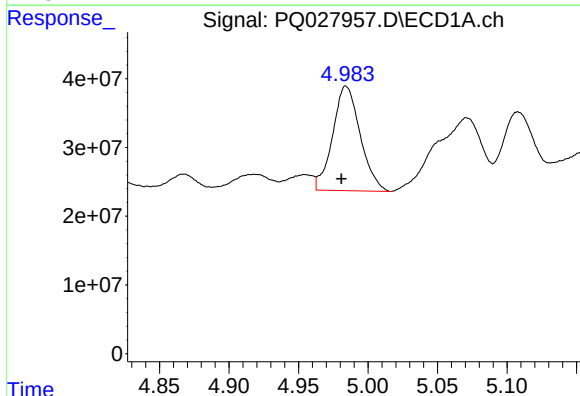
R.T.: 4.918 min
Delta R.T.: 0.014 min
Response: 37665873
Conc: 45.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



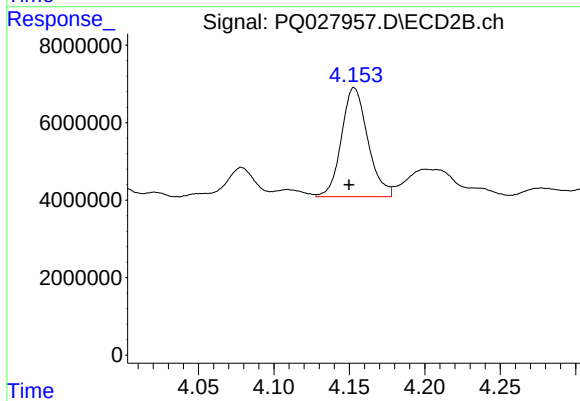
#9 AR-1221-2

R.T.: 4.078 min
Delta R.T.: 0.004 min
Response: 10300342
Conc: 79.03 ng/ml



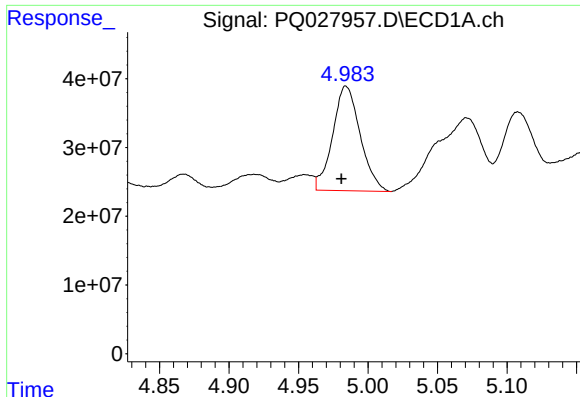
#10 AR-1221-3

R.T.: 4.984 min
Delta R.T.: 0.003 min
Response: 209698621
Conc: 68.04 ng/ml



#10 AR-1221-3

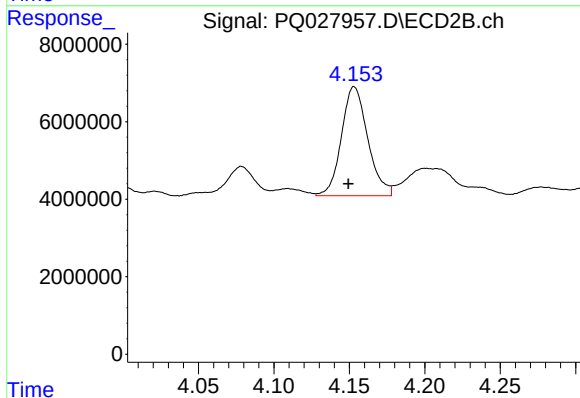
R.T.: 4.153 min
Delta R.T.: 0.003 min
Response: 34259037
Conc: 79.46 ng/ml



#11 AR-1232-1

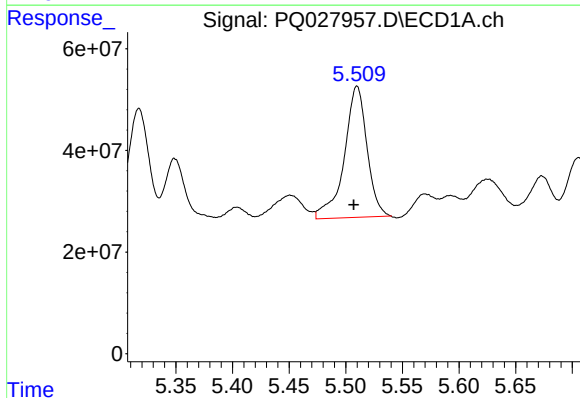
R.T.: 4.984 min
Delta R.T.: 0.003 min
Response: 209698621
Conc: 105.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



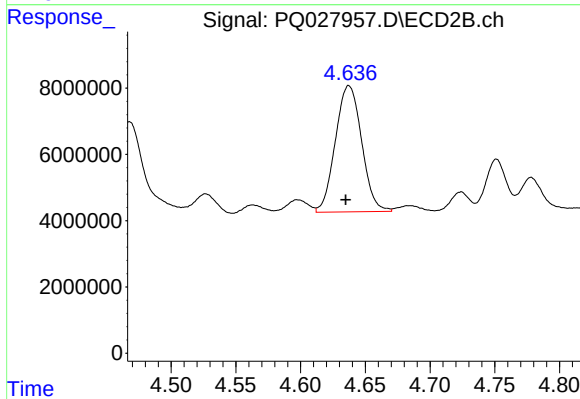
#11 AR-1232-1

R.T.: 4.153 min
Delta R.T.: 0.004 min
Response: 34259037
Conc: 118.67 ng/ml



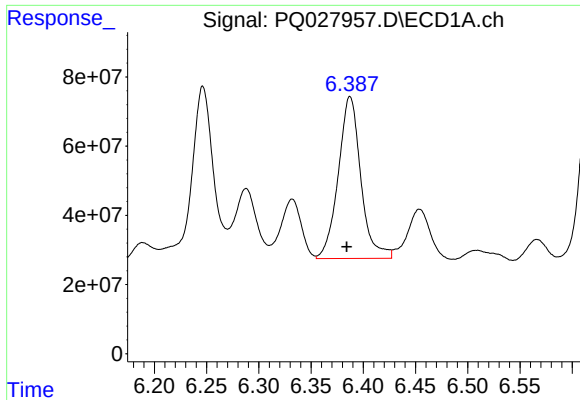
#12 AR-1232-2

R.T.: 5.510 min
Delta R.T.: 0.003 min
Response: 361443494
Conc: 309.55 ng/ml



#12 AR-1232-2

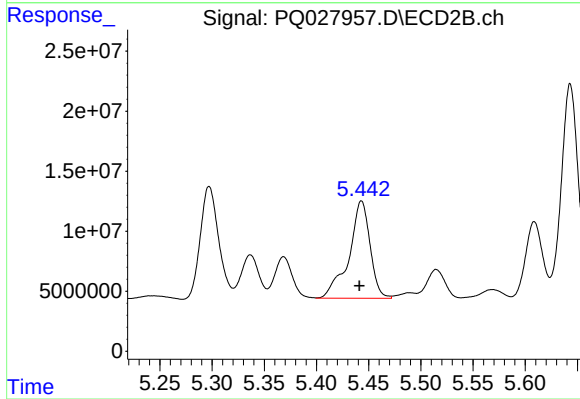
R.T.: 4.637 min
Delta R.T.: 0.002 min
Response: 53781468
Conc: 330.39 ng/ml



#13 AR-1232-3

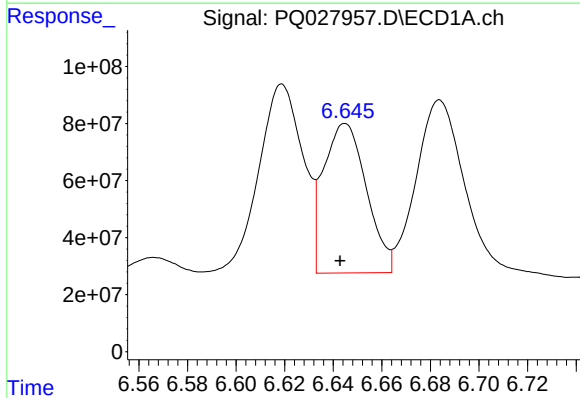
R.T.: 6.387 min
Delta R.T.: 0.003 min
Response: 703850896
Conc: 631.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



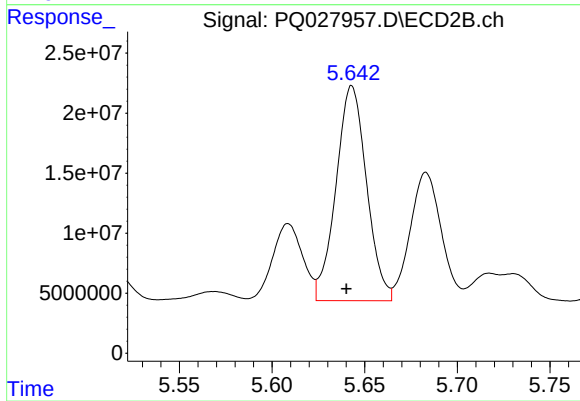
#13 AR-1232-3

R.T.: 5.443 min
Delta R.T.: 0.002 min
Response: 114265988
Conc: 638.82 ng/ml



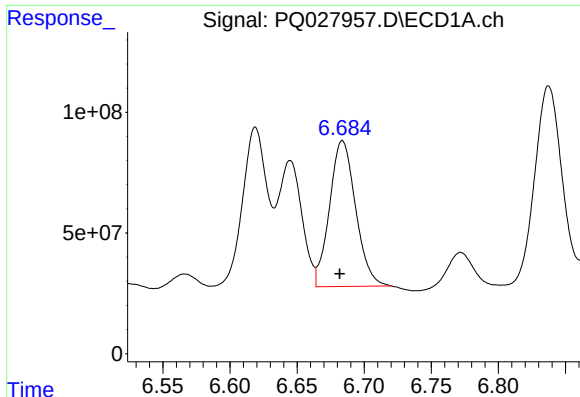
#14 AR-1232-4

R.T.: 6.645 min
Delta R.T.: 0.002 min
Response: 641521427
Conc: 527.03 ng/ml



#14 AR-1232-4

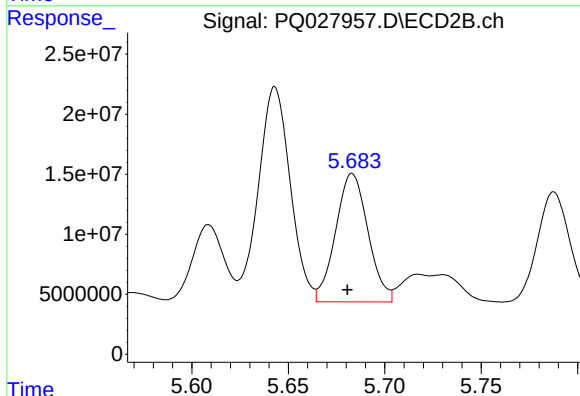
R.T.: 5.643 min
Delta R.T.: 0.003 min
Response: 205857643
Conc: 1036.75 ng/ml



#15 AR-1232-5

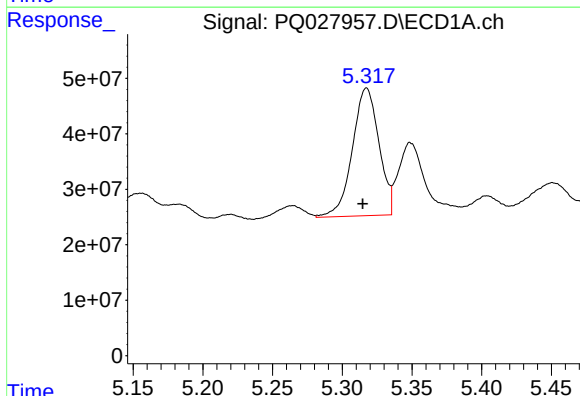
R.T.: 6.684 min
Delta R.T.: 0.002 min
Response: 818531037
Conc: 658.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



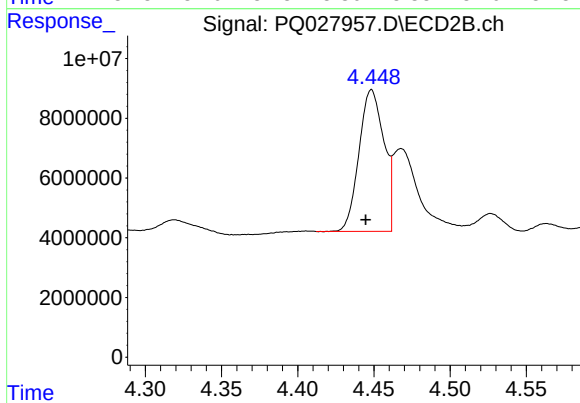
#15 AR-1232-5

R.T.: 5.683 min
Delta R.T.: 0.003 min
Response: 125011339
Conc: 730.27 ng/ml



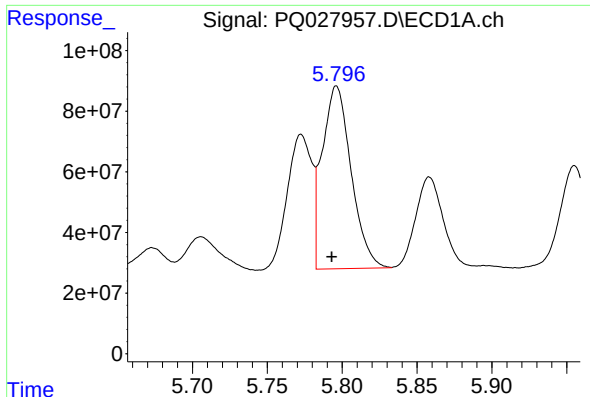
#16 AR-1242-1

R.T.: 5.317 min
Delta R.T.: 0.003 min
Response: 304683291
Conc: 179.55 ng/ml



#16 AR-1242-1

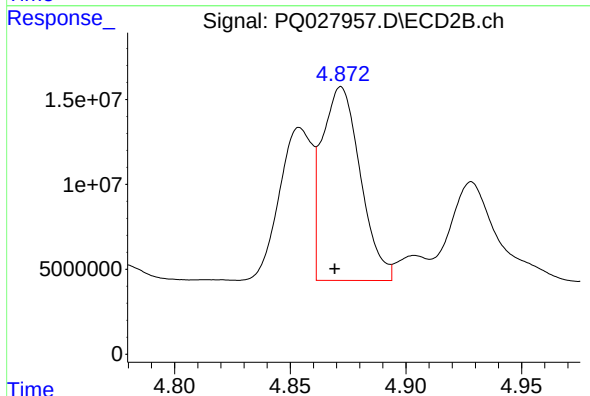
R.T.: 4.448 min
Delta R.T.: 0.004 min
Response: 53771561
Conc: 244.68 ng/ml



#17 AR-1242-2

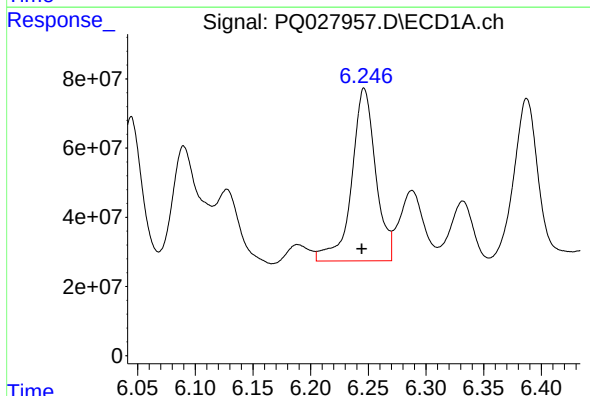
R.T.: 5.796 min
Delta R.T.: 0.003 min
Response: 811149003
Conc: 215.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



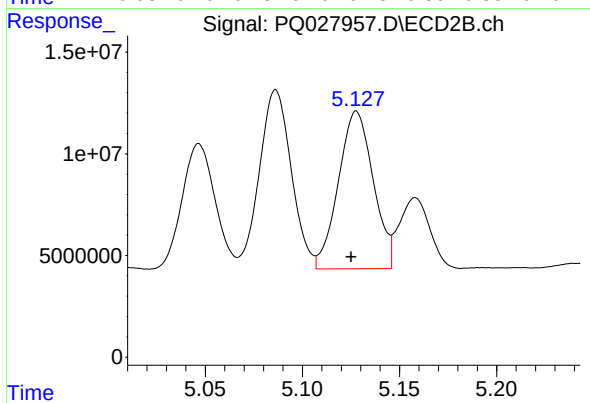
#17 AR-1242-2

R.T.: 4.872 min
Delta R.T.: 0.003 min
Response: 131514121
Conc: 262.75 ng/ml



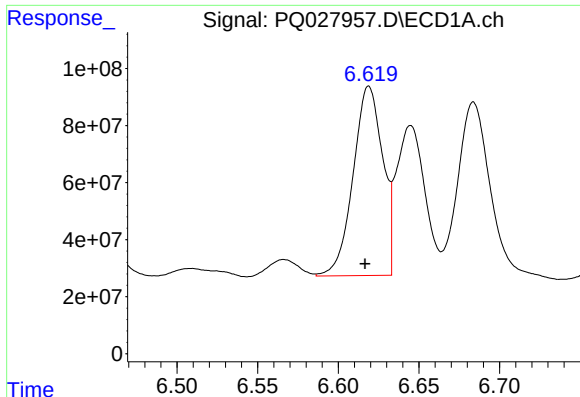
#18 AR-1242-3

R.T.: 6.246 min
Delta R.T.: 0.002 min
Response: 723696091
Conc: 394.64 ng/ml



#18 AR-1242-3

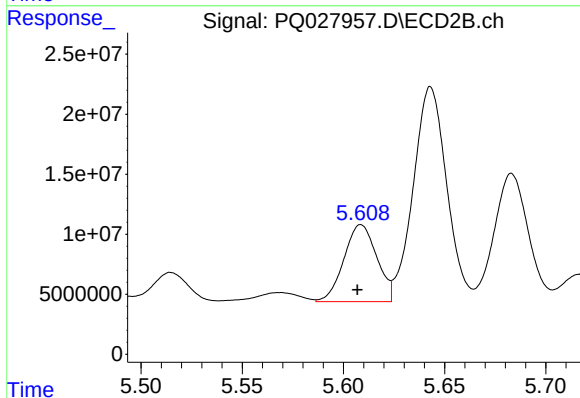
R.T.: 5.128 min
Delta R.T.: 0.003 min
Response: 96902911
Conc: 381.79 ng/ml



#19 AR-1242-4

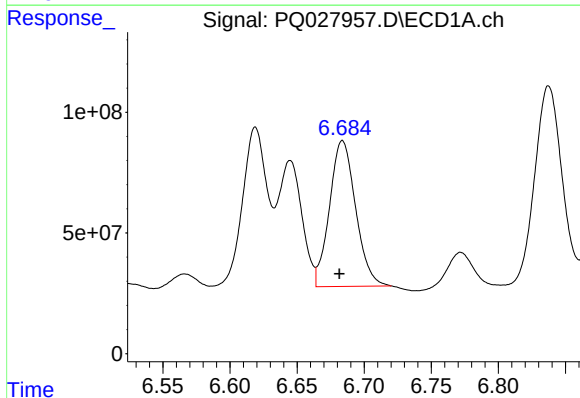
R.T.: 6.619 min
Delta R.T.: 0.002 min
Response: 844275623
Conc: 588.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



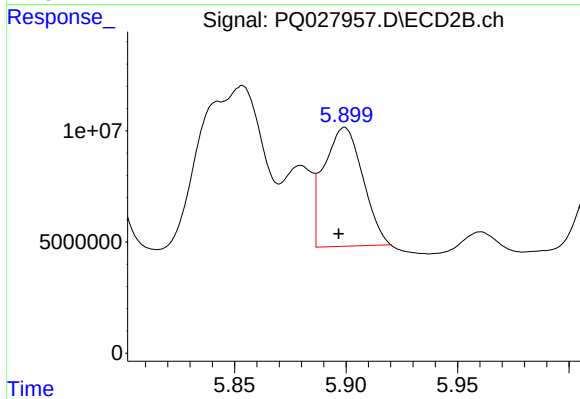
#19 AR-1242-4

R.T.: 5.609 min
Delta R.T.: 0.002 min
Response: 72604181
Conc: 397.88 ng/ml



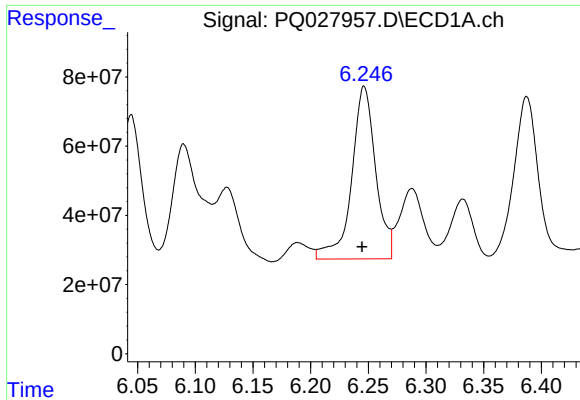
#20 AR-1242-5

R.T.: 6.684 min
Delta R.T.: 0.002 min
Response: 818531037
Conc: 391.08 ng/ml



#20 AR-1242-5

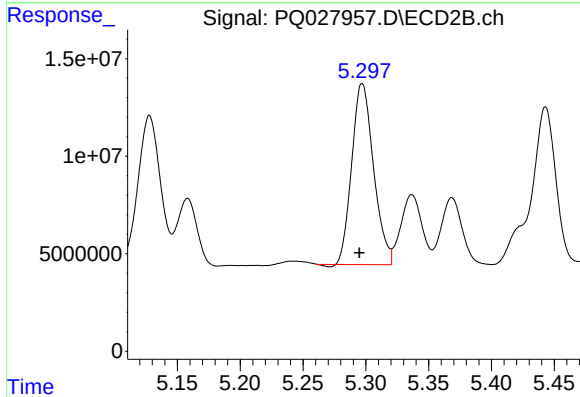
R.T.: 5.899 min
Delta R.T.: 0.003 min
Response: 64965781
Conc: 340.42 ng/ml



#21 AR-1248-1

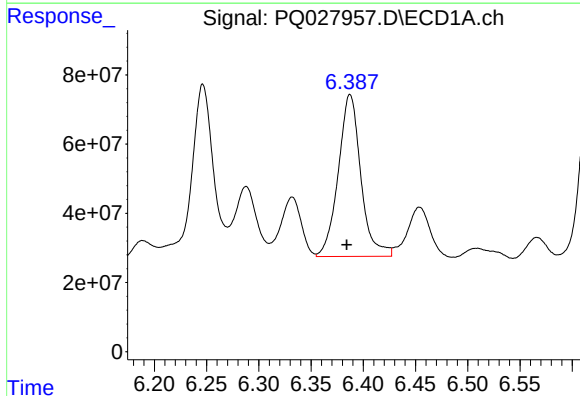
R.T.: 6.246 min
Delta R.T.: 0.002 min
Response: 723696091
Conc: 205.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



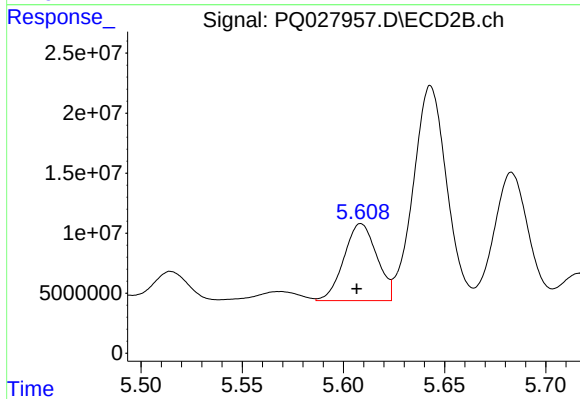
#21 AR-1248-1

R.T.: 5.297 min
Delta R.T.: 0.002 min
Response: 111793015
Conc: 215.63 ng/ml



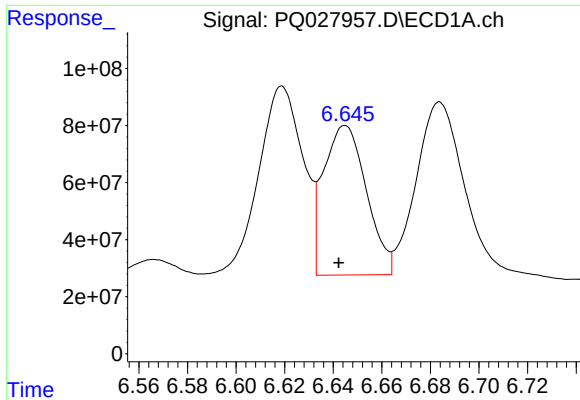
#22 AR-1248-2

R.T.: 6.387 min
Delta R.T.: 0.003 min
Response: 703850896
Conc: 232.33 ng/ml



#22 AR-1248-2

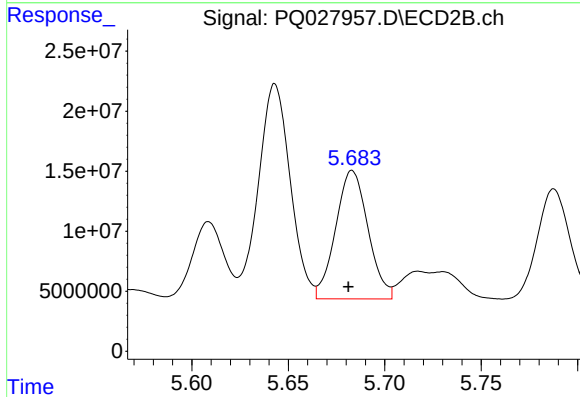
R.T.: 5.609 min
Delta R.T.: 0.002 min
Response: 72604181
Conc: 227.24 ng/ml



#23 AR-1248-3

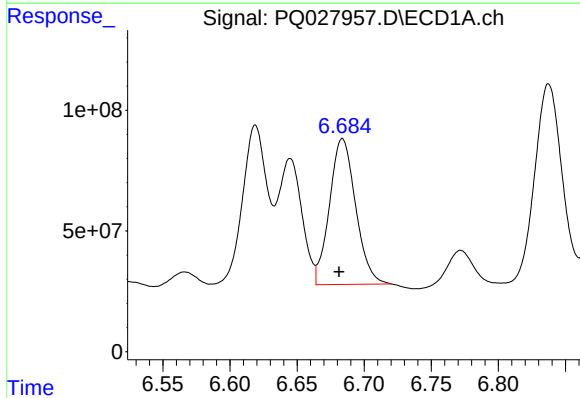
R.T.: 6.645 min
Delta R.T.: 0.003 min
Response: 641521427
Conc: 150.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



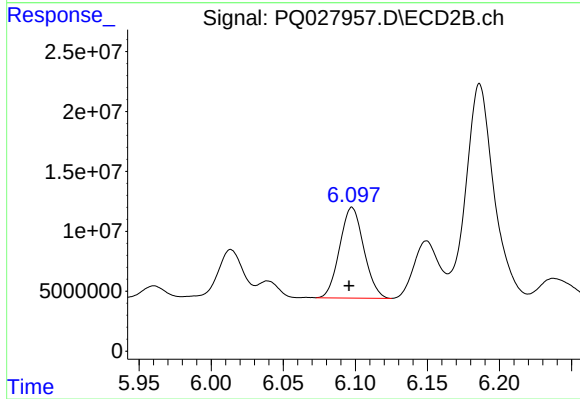
#23 AR-1248-3

R.T.: 5.683 min
Delta R.T.: 0.002 min
Response: 125011339
Conc: 217.86 ng/ml



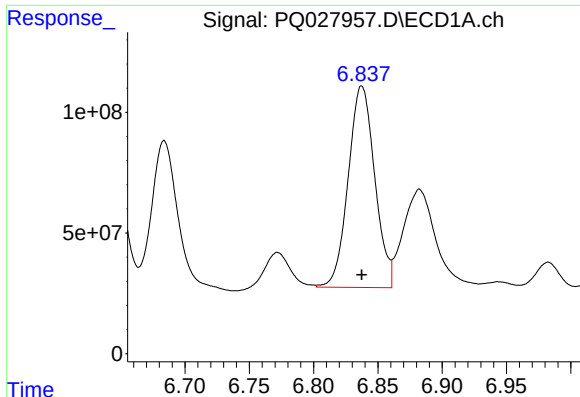
#24 AR-1248-4

R.T.: 6.684 min
Delta R.T.: 0.002 min
Response: 818531037
Conc: 205.52 ng/ml



#24 AR-1248-4

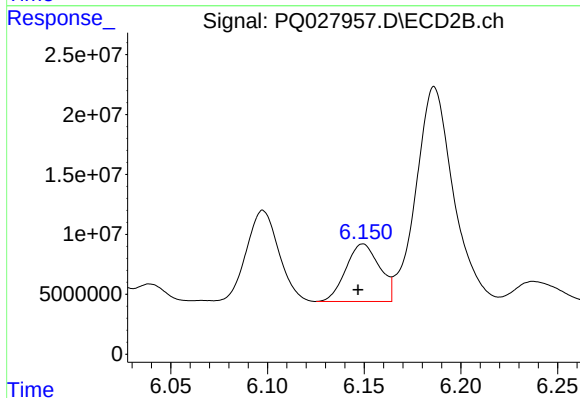
R.T.: 6.098 min
Delta R.T.: 0.002 min
Response: 87937600
Conc: 356.28 ng/ml



#25 AR-1248-5

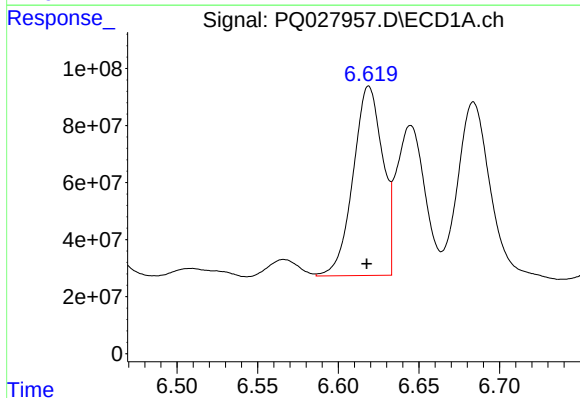
R.T.: 6.837 min
Delta R.T.: 0.000 min
Response: 1197708316
Conc: 291.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



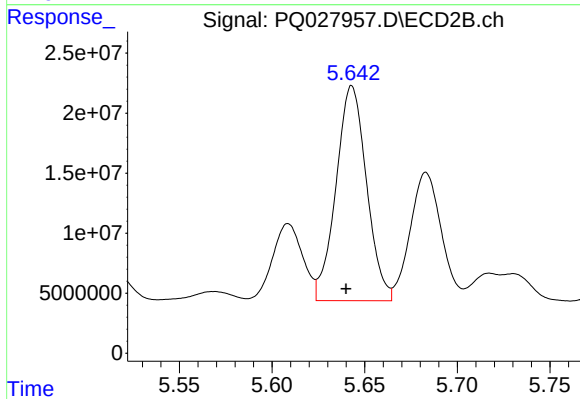
#25 AR-1248-5

R.T.: 6.149 min
Delta R.T.: 0.002 min
Response: 58160603
Conc: 401.87 ng/ml



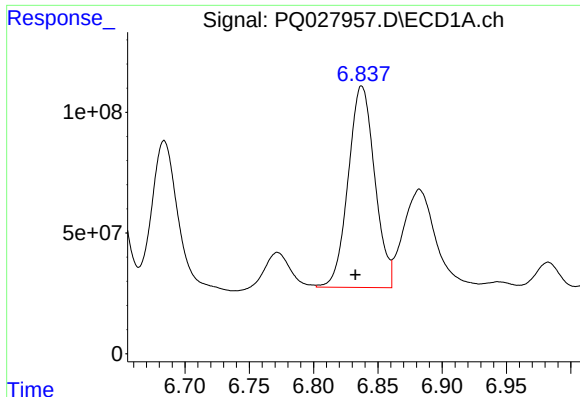
#26 AR-1254-1

R.T.: 6.619 min
Delta R.T.: 0.001 min
Response: 844275623
Conc: 208.99 ng/ml



#26 AR-1254-1

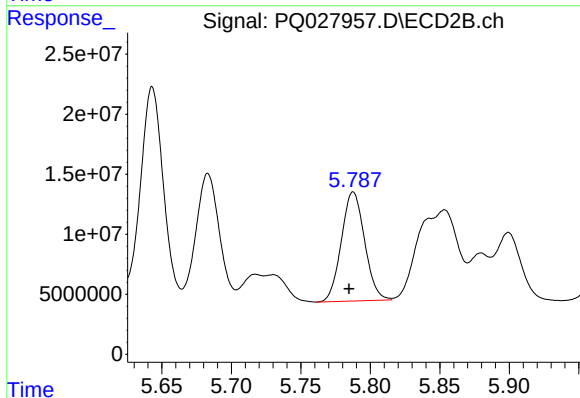
R.T.: 5.643 min
Delta R.T.: 0.003 min
Response: 205857643
Conc: 260.60 ng/ml



#27 AR-1254-2

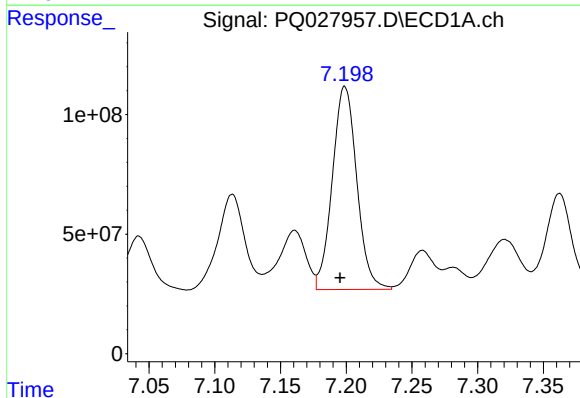
R.T.: 6.837 min
Delta R.T.: 0.005 min
Response: 1197708316
Conc: 191.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



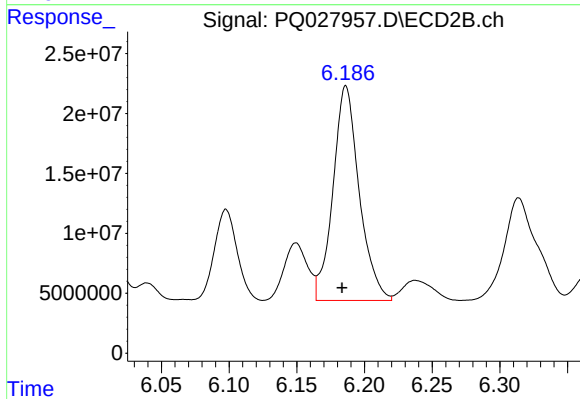
#27 AR-1254-2

R.T.: 5.788 min
Delta R.T.: 0.003 min
Response: 105886837
Conc: 154.01 ng/ml



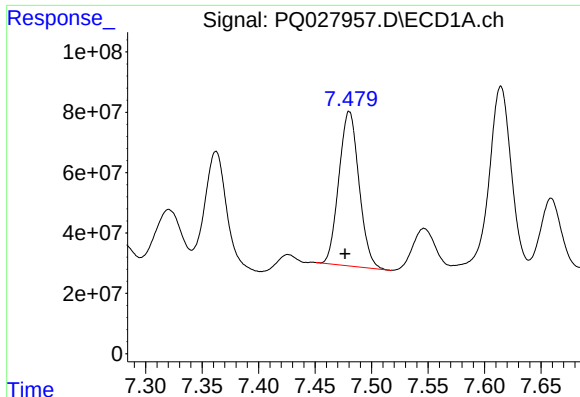
#28 AR-1254-3

R.T.: 7.199 min
Delta R.T.: 0.004 min
Response: 1100739687
Conc: 165.07 ng/ml



#28 AR-1254-3

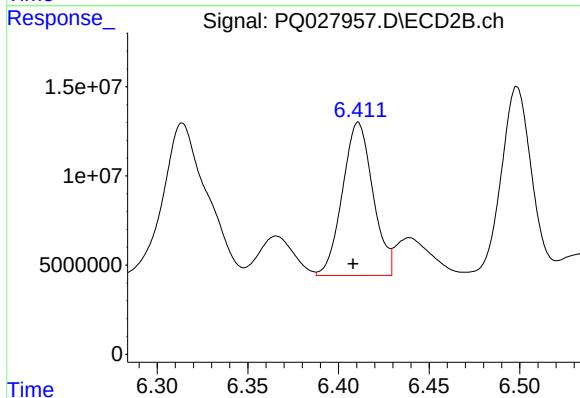
R.T.: 6.186 min
Delta R.T.: 0.003 min
Response: 241661219
Conc: 198.22 ng/ml



#29 AR-1254-4

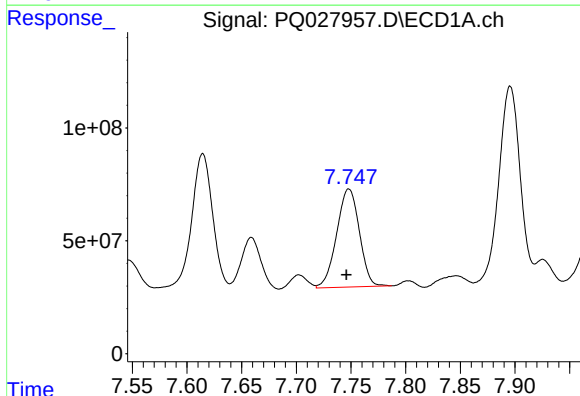
R.T.: 7.480 min
Delta R.T.: 0.004 min
Response: 635635743
Conc: 119.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



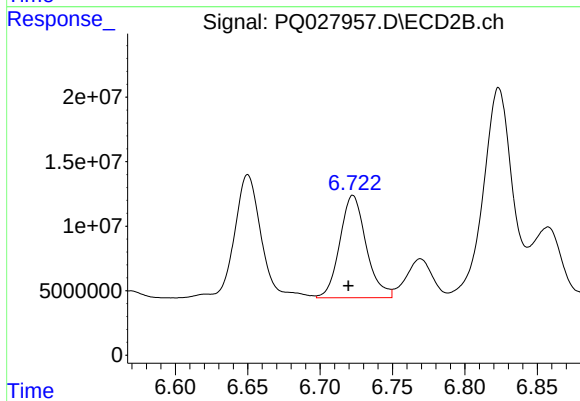
#29 AR-1254-4

R.T.: 6.411 min
Delta R.T.: 0.003 min
Response: 100456510
Conc: 120.83 ng/ml



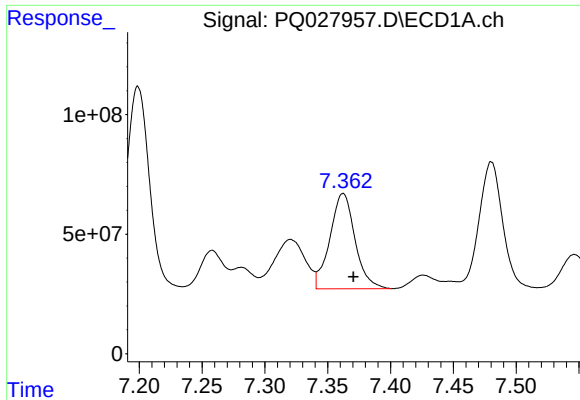
#30 AR-1254-5

R.T.: 7.748 min
Delta R.T.: 0.002 min
Response: 626196162
Conc: 184.76 ng/ml



#30 AR-1254-5

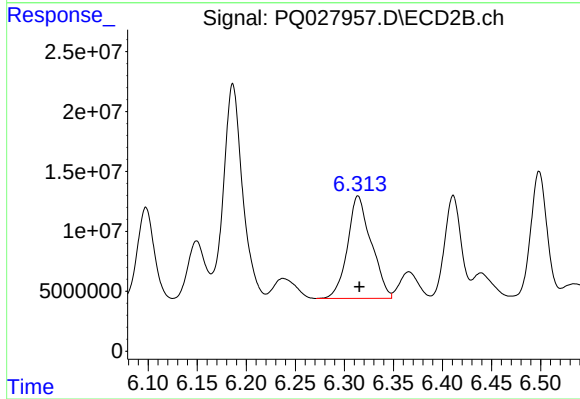
R.T.: 6.723 min
Delta R.T.: 0.003 min
Response: 100461831
Conc: 172.13 ng/ml



#31 AR-1260-1

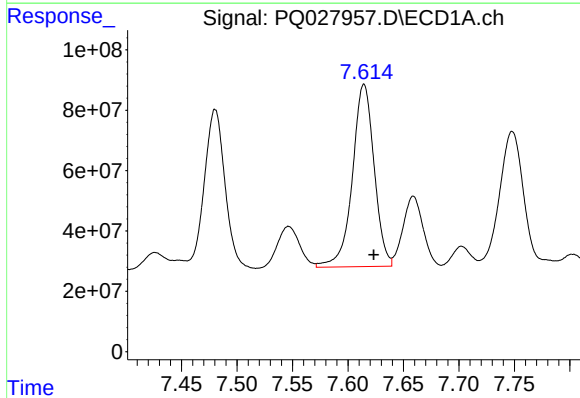
R.T.: 7.362 min
Delta R.T.: -0.008 min
Response: 556403407
Conc: 133.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



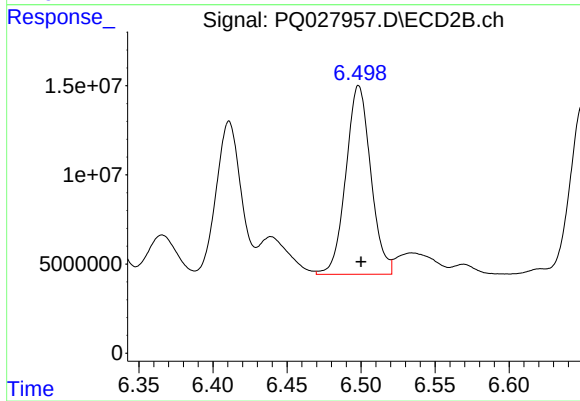
#31 AR-1260-1

R.T.: 6.314 min
Delta R.T.: -0.001 min
Response: 144299281
Conc: 195.57 ng/ml



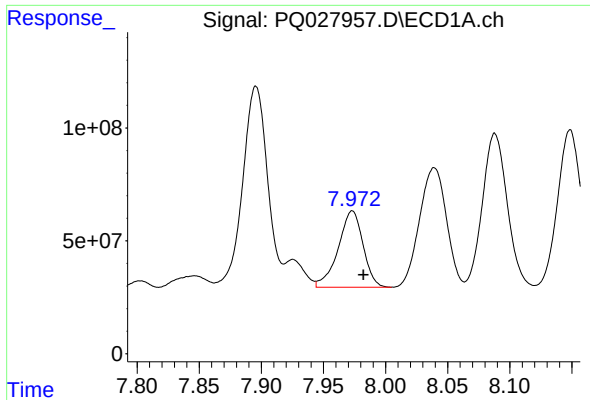
#32 AR-1260-2

R.T.: 7.614 min
Delta R.T.: -0.009 min
Response: 824653143
Conc: 139.55 ng/ml



#32 AR-1260-2

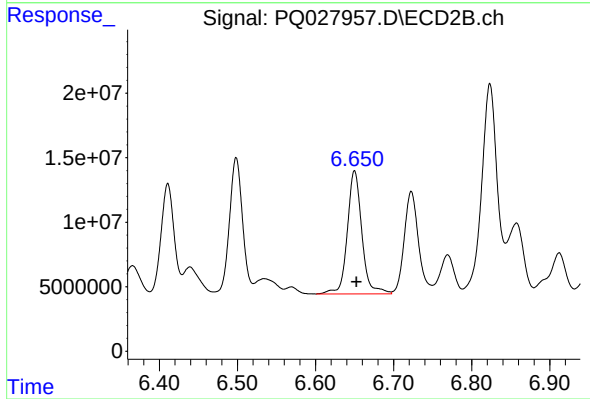
R.T.: 6.498 min
Delta R.T.: -0.002 min
Response: 124016805
Conc: 129.73 ng/ml



#33 AR-1260-3

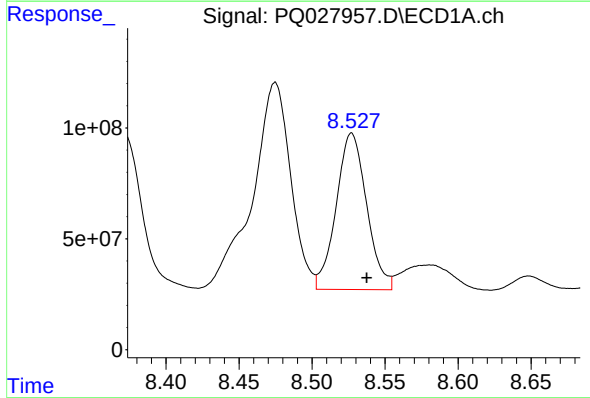
R.T.: 7.973 min
Delta R.T.: -0.009 min
Response: 470254057
Conc: 97.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



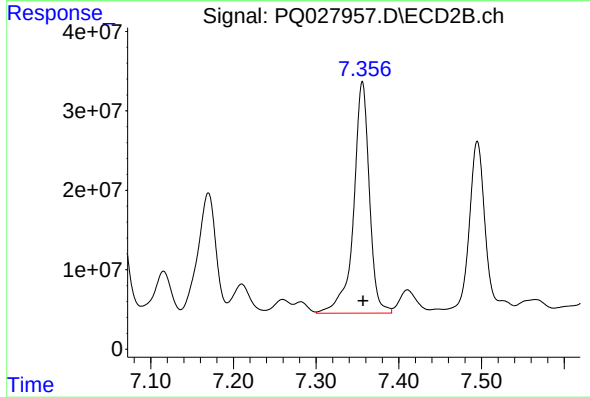
#33 AR-1260-3

R.T.: 6.650 min
Delta R.T.: -0.002 min
Response: 123518014
Conc: 142.16 ng/ml



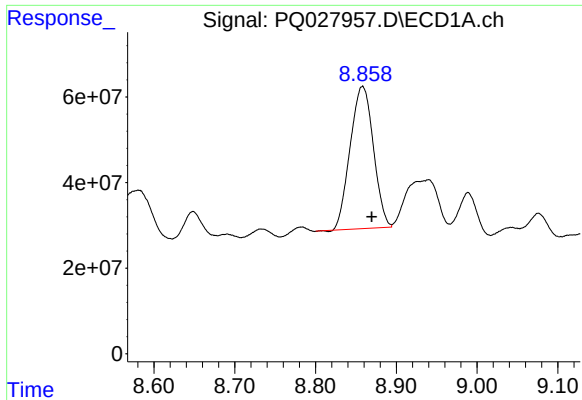
#34 AR-1260-4

R.T.: 8.527 min
Delta R.T.: -0.010 min
Response: 1025980171
Conc: 95.01 ng/ml



#34 AR-1260-4

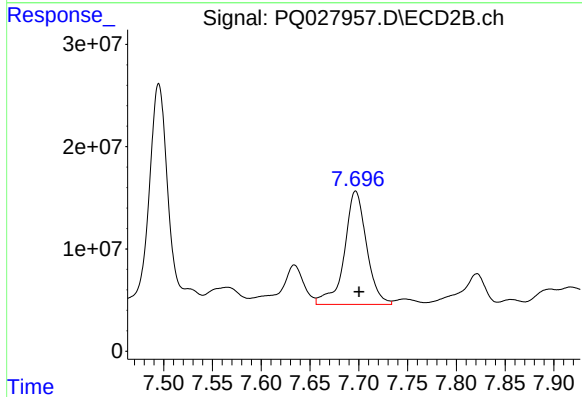
R.T.: 7.356 min
Delta R.T.: 0.000 min
Response: 386452792
Conc: 190.39 ng/ml



#35 AR-1260-5

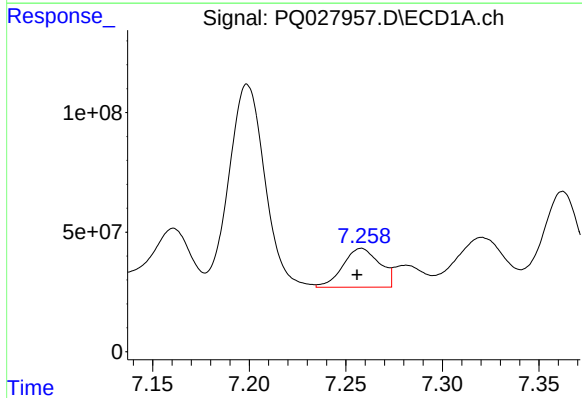
R.T.: 8.858 min
Delta R.T.: -0.012 min
Response: 664808549
Conc: 110.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



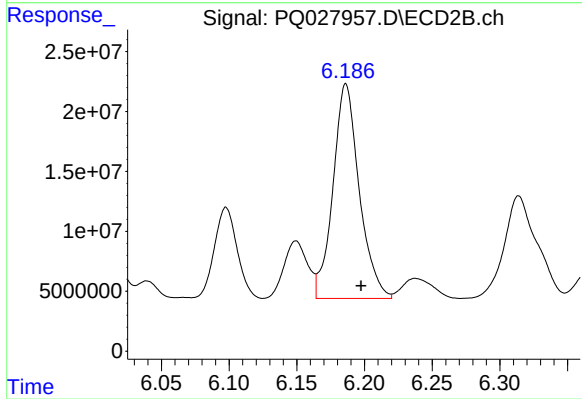
#35 AR-1260-5

R.T.: 7.697 min
Delta R.T.: -0.003 min
Response: 175173134
Conc: 118.31 ng/ml



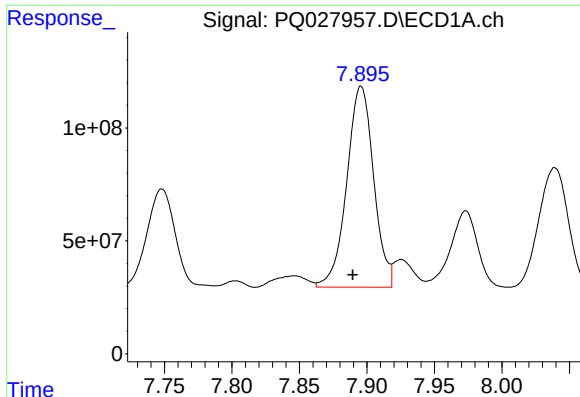
#36 AR-1262-1

R.T.: 7.258 min
Delta R.T.: 0.002 min
Response: 215492514
Conc: 66.76 ng/ml



#36 AR-1262-1

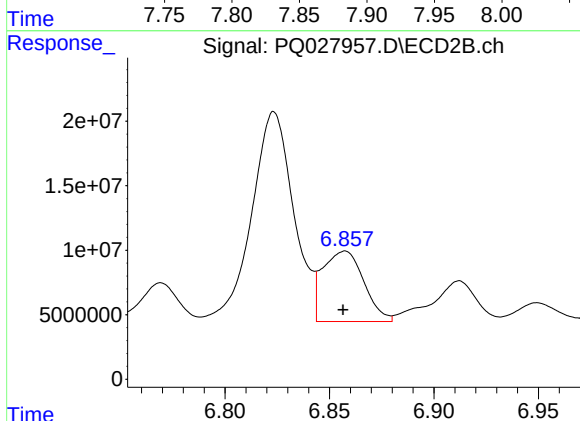
R.T.: 6.186 min
Delta R.T.: -0.011 min
Response: 241661219
Conc: 510.72 ng/ml



#37 AR-1262-2

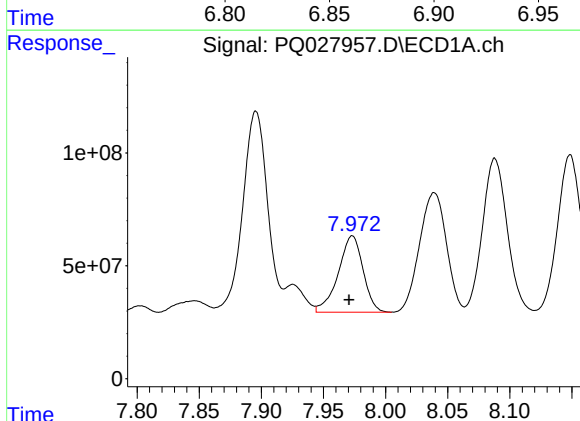
R.T.: 7.896 min
Delta R.T.: 0.006 min
Response: 1234321044
Conc: 270.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



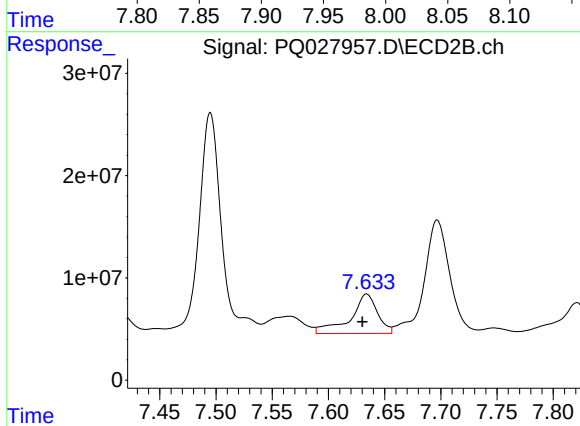
#37 AR-1262-2

R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 74851508
Conc: 56.02 ng/ml



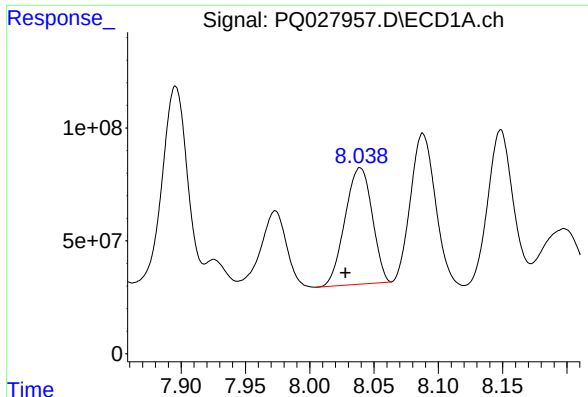
#38 AR-1262-3

R.T.: 7.973 min
Delta R.T.: 0.003 min
Response: 470254057
Conc: 57.63 ng/ml



#38 AR-1262-3

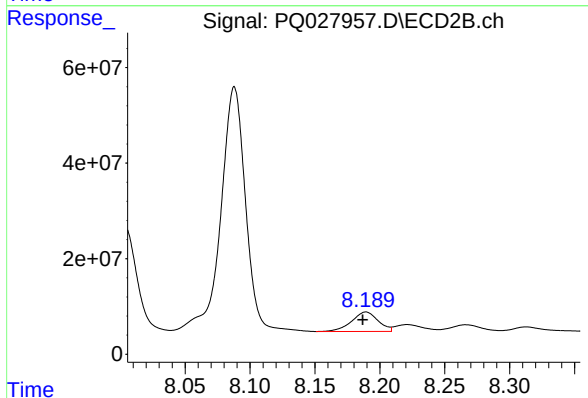
R.T.: 7.634 min
Delta R.T.: 0.004 min
Response: 64787060
Conc: 61.42 ng/ml



#39 AR-1262-4

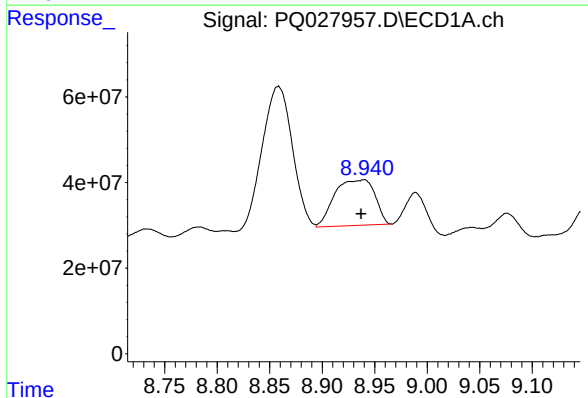
R.T.: 8.039 min
Delta R.T.: 0.011 min
Response: 757168770
Conc: 250.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



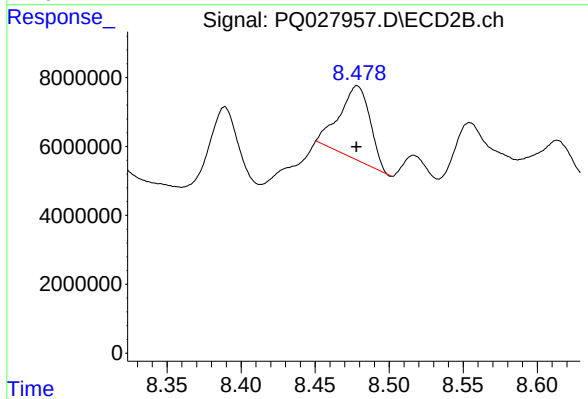
#39 AR-1262-4

R.T.: 8.189 min
Delta R.T.: 0.002 min
Response: 57977216
Conc: 61.01 ng/ml



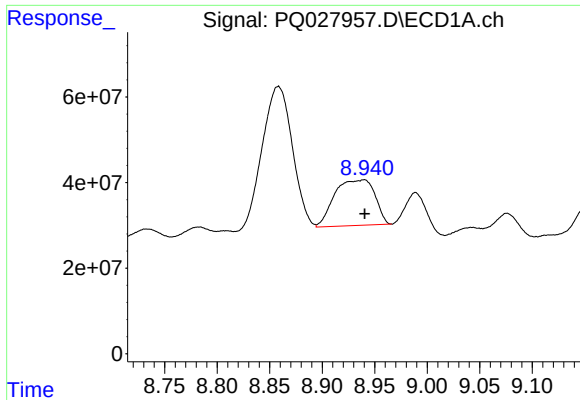
#40 AR-1262-5

R.T.: 8.940 min
Delta R.T.: 0.003 min
Response: 284353628
Conc: 40.81 ng/ml



#40 AR-1262-5

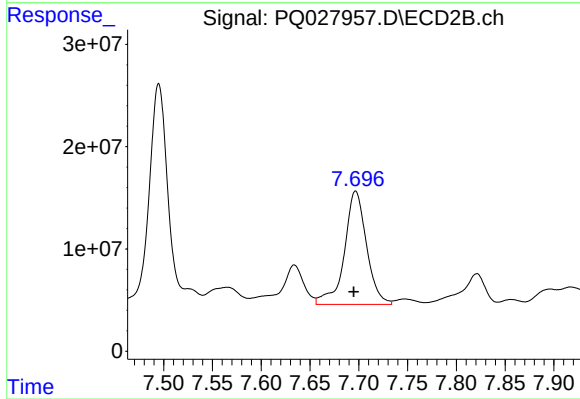
R.T.: 8.478 min
Delta R.T.: 0.000 min
Response: 30749583
Conc: 88.97 ng/ml



#41 AR-1268-1

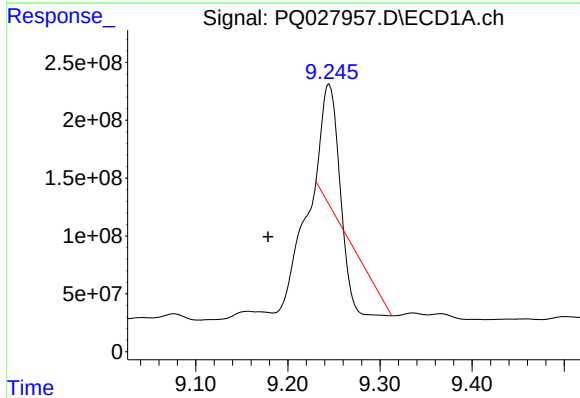
R.T.: 8.940 min
Delta R.T.: 0.000 min
Response: 284353628
Conc: 18.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



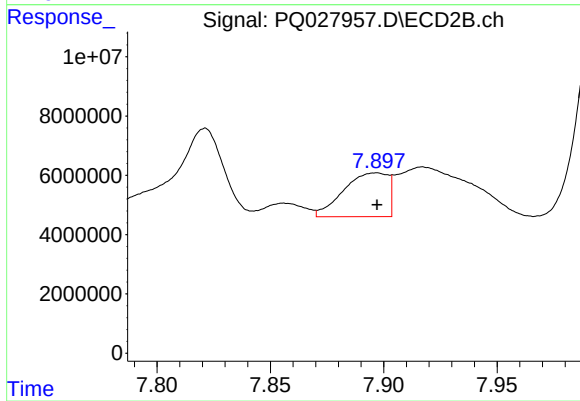
#41 AR-1268-1

R.T.: 7.697 min
Delta R.T.: 0.002 min
Response: 175173134
Conc: 58.24 ng/ml



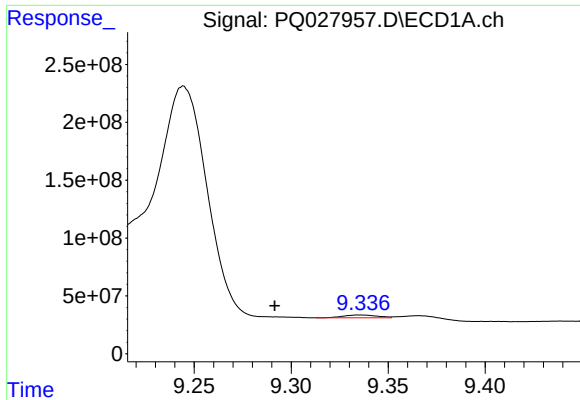
#42 AR-1268-2

R.T.: 9.244 min
Delta R.T.: 0.066 min
Response: 279280907
Conc: 19.59 ng/ml



#42 AR-1268-2

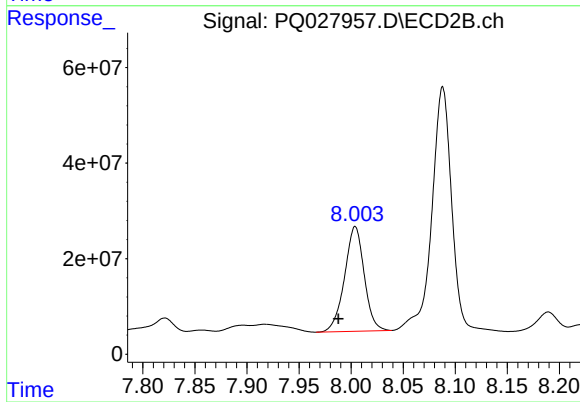
R.T.: 7.897 min
Delta R.T.: 0.000 min
Response: 20167576
Conc: 7.50 ng/ml



#43 AR-1268-3

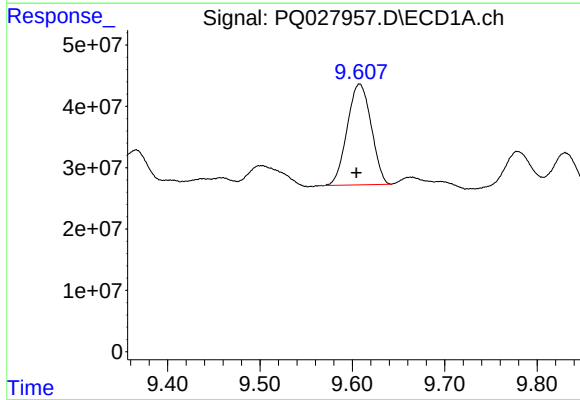
R.T.: 9.335 min
Delta R.T.: 0.044 min
Response: 28480020
Conc: 8.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



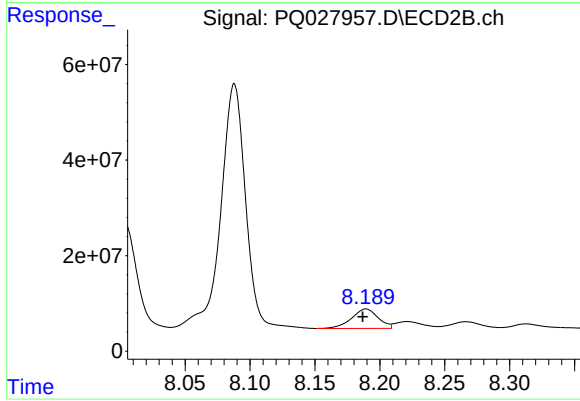
#43 AR-1268-3

R.T.: 8.004 min
Delta R.T.: 0.016 min
Response: 288286449
Conc: 401.63 ng/ml



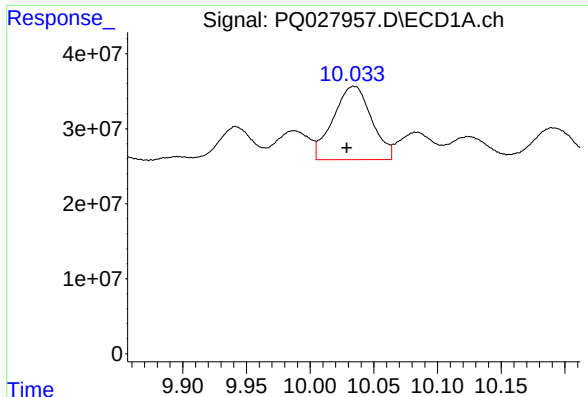
#44 AR-1268-4

R.T.: 9.608 min
Delta R.T.: 0.003 min
Response: 296892864
Conc: 57.31 ng/ml



#44 AR-1268-4

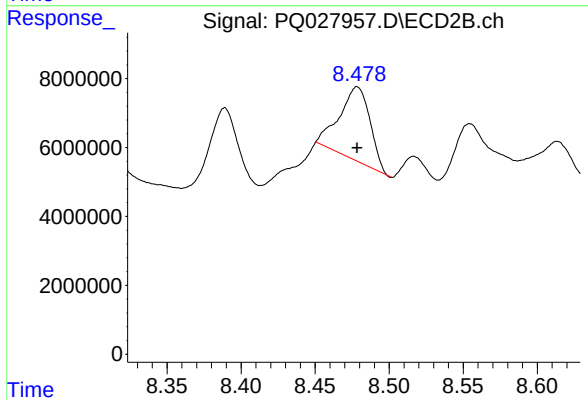
R.T.: 8.189 min
Delta R.T.: 0.002 min
Response: 57977216
Conc: 55.08 ng/ml



#45 AR-1268-5

R.T.: 10.034 min
Delta R.T.: 0.006 min
Response: 206017648
Conc: 5.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.478 min
Delta R.T.: 0.000 min
Response: 30749583
Conc: 3.91 ng/ml