

Data Path : P:\HPCHEM1\ECD_Q\Data\PQ041318\
 Data File : PQ027935.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Apr 2018 16:05
 Operator : UA/SM
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 06:50:47 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	3.779	1608.7E6	176.0E6	19.459	18.271
2)	SA Decachlor...	10.388	8.735	2912.1E6	531.1E6	31.876	29.228
Target Compounds							
3)	L1 AR-1016-1	4.985	4.152	505.2E6	66628847	392.603	373.434
4)	L1 AR-1016-2	5.511	4.637	702.8E6	99728678	366.643	379.534
5)	L1 AR-1016-3	5.859	4.928	988.4E6	144.8E6	384.204	370.411
6)	L1 AR-1016-4	5.957	5.046	842.6E6	106.1E6	379.054	354.164
7)	L1 AR-1016-5	6.046	5.087	684.5E6	84754551	386.462	364.099
8)	L2 AR-1221-1	4.819	3.990	93090961	10941157	76.692	64.210
9)	L2 AR-1221-2	4.910	4.077	120.3E6	15976976	144.933	122.581
10)	L2 AR-1221-3	4.985	4.152	505.2E6	66628847	163.913	154.537
11)	L3 AR-1232-1	4.985	4.152	505.2E6	66628847	254.926	230.796
12)	L3 AR-1232-2	5.511	4.637	702.8E6	99728678	601.933	612.652
13)	L3 AR-1232-3	6.389	5.444	763.0E6	130.7E6	684.237	730.647
14)	L3 AR-1232-4	6.644	5.644	251.9E6	128.1E6	206.947	644.929 #
15)	L3 AR-1232-5	6.686	5.684	218.6E6	37667362	175.904	220.038 #
16)	L4 AR-1242-1	5.318	4.448	770.6E6	95117193	454.124	432.825
17)	L4 AR-1242-2	5.797	4.872	1676.9E6	215.6E6	445.598	430.683
18)	L4 AR-1242-3	6.248	5.128	824.2E6	106.3E6	449.458	418.709
19)	L4 AR-1242-4	6.622	5.609	733.5E6	33633549	510.902	184.316 #
20)	L4 AR-1242-5	6.686	5.880	218.6E6	12823848	104.456	67.196 #
21)	L5 AR-1248-1	6.248	5.298	824.2E6	118.2E6	233.486	227.935
22)	L5 AR-1248-2	6.389	5.609	763.0E6	33633549	251.865	105.268 #
23)	L5 AR-1248-3	6.644	5.684	251.9E6	37667362	59.130	65.643
24)	L5 AR-1248-4	6.686	6.098	218.6E6	25481864	54.895	103.239 #
25)	L5 AR-1248-5	6.837	6.169	629.7E6	39854920	153.076	275.381 #
26)	L6 AR-1254-1	6.622	5.644	733.5E6	128.1E6	181.583	162.113
27)	L6 AR-1254-2	6.837	5.788	629.7E6	93472846	100.903	135.954 #
28)	L6 AR-1254-3	7.201	6.169	286.0E6	39854920	42.887	32.691
29)	L6 AR-1254-4	7.483	6.412	182.1E6	19616495	34.256	23.596 #
30)	L6 AR-1254-5	7.745	6.730	724.6E6	33856689	213.790	58.009 #
31)	L7 AR-1260-1	7.364	6.315	1294.1E6	263.7E6	310.773	357.334
32)	L7 AR-1260-2	7.618	6.499	1849.1E6	317.9E6	312.909	332.583
33)	L7 AR-1260-3	7.976	6.652	1464.1E6	301.5E6	302.437	346.984
34)	L7 AR-1260-4	8.530	7.356	3265.9E6	656.1E6	302.424	323.222
35)	L7 AR-1260-5	8.862	7.698	1861.5E6	456.1E6	308.267	308.077
36)	L8 AR-1262-1	7.261	6.200	954.6E6	186.6E6	295.764	394.440 #
37)	L8 AR-1262-2	7.897	6.859	1948.5E6	274.1E6	426.304	205.115 #
38)	L8 AR-1262-3	7.976	7.635	1464.1E6	145.4E6	179.436	137.866
39)	L8 AR-1262-4	8.032	8.191	703.1E6	160.8E6	232.253	169.230 #
40)	L8 AR-1262-5	8.943	8.482	596.5E6	41998342	85.616	121.520 #
41)	L9 AR-1268-1	8.943	7.698	596.5E6	456.1E6	38.649	151.666 #

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 Operator : UA/SM
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

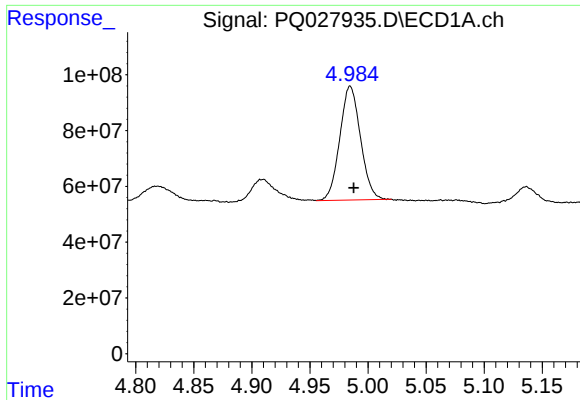
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 06:50:47 2018
 Quant Method : P:\HPCHEM1\ECD_Q\Method\PQ041018CLP.M
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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	9.184	7.903	53404831	7891872	3.746	2.935
43) L9	AR-1268-3	9.299	7.992	42698996	10093569	12.395	14.062
44) L9	AR-1268-4	9.611	8.191	877.5E6	160.8E6	169.391	152.789
45) L9	AR-1268-5	10.038	8.482	273.3E6	41998342	6.934	5.345

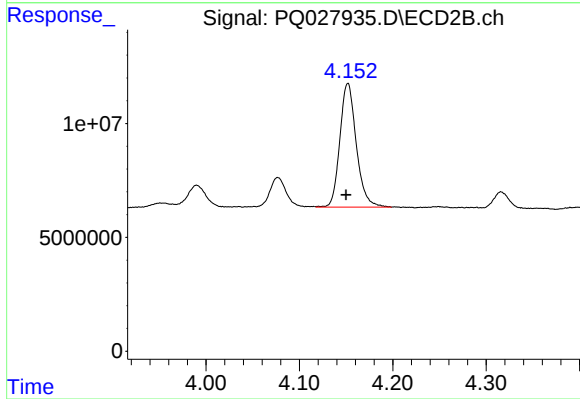
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

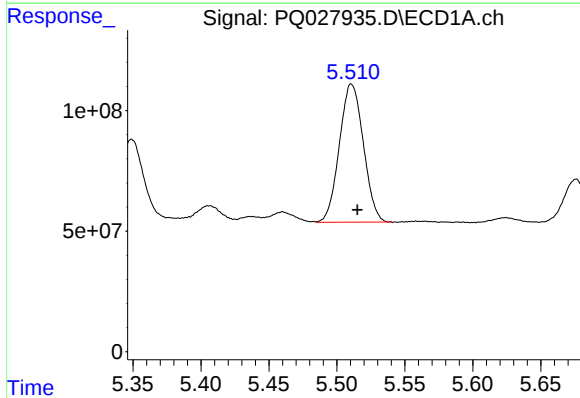
R.T.: 4.985 min
Delta R.T.: -0.003 min
Response: 505195645
Conc: 392.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



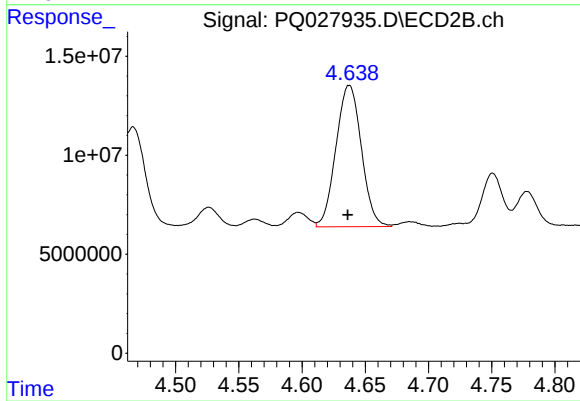
#3 AR-1016-1

R.T.: 4.152 min
Delta R.T.: 0.002 min
Response: 66628847
Conc: 373.43 ng/ml



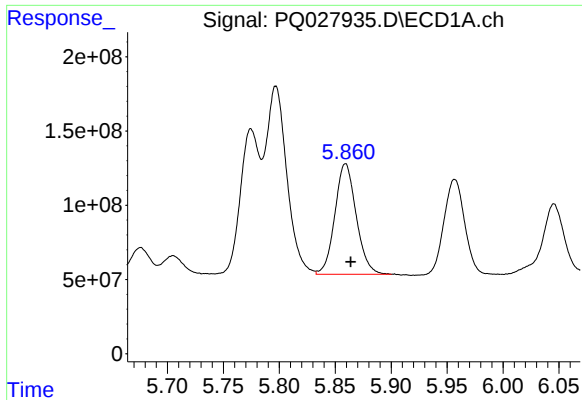
#4 AR-1016-2

R.T.: 5.511 min
Delta R.T.: -0.004 min
Response: 702848839
Conc: 366.64 ng/ml



#4 AR-1016-2

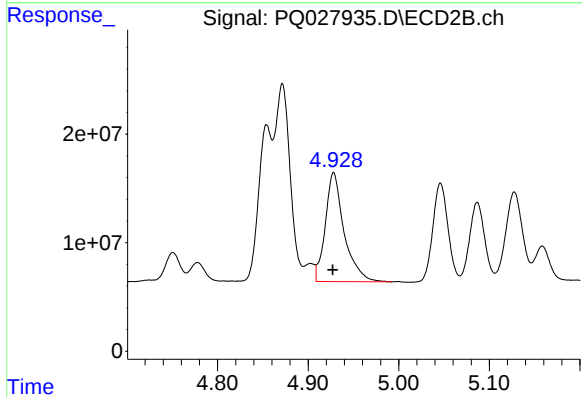
R.T.: 4.637 min
Delta R.T.: 0.001 min
Response: 99728678
Conc: 379.53 ng/ml



#5 AR-1016-3

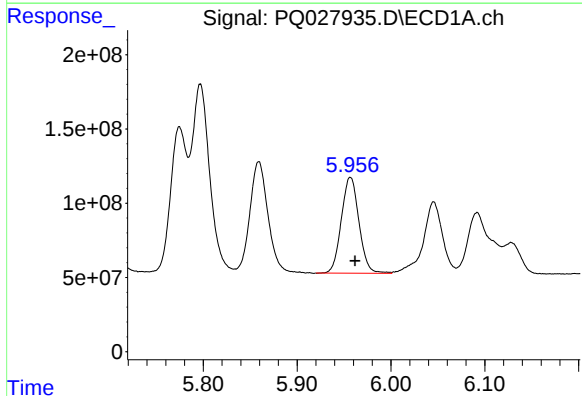
R.T.: 5.859 min
Delta R.T.: -0.004 min
Response: 988426761
Conc: 384.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



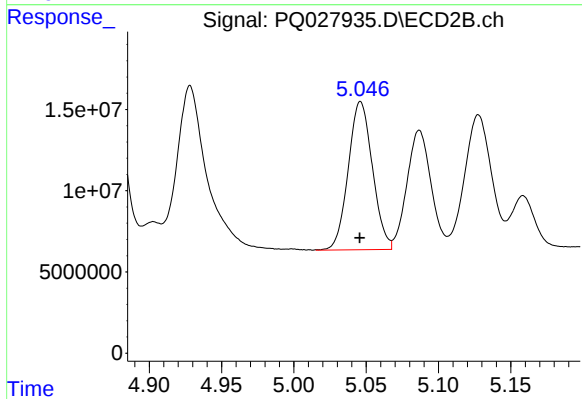
#5 AR-1016-3

R.T.: 4.928 min
Delta R.T.: 0.001 min
Response: 144770770
Conc: 370.41 ng/ml



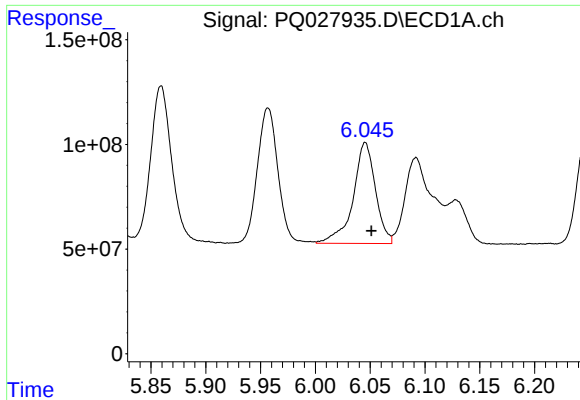
#6 AR-1016-4

R.T.: 5.957 min
Delta R.T.: -0.005 min
Response: 842616811
Conc: 379.05 ng/ml



#6 AR-1016-4

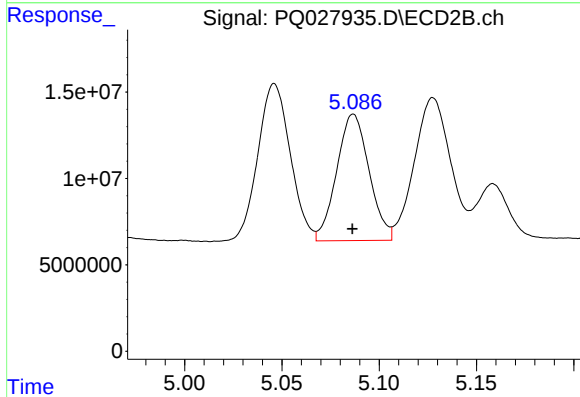
R.T.: 5.046 min
Delta R.T.: 0.000 min
Response: 106089439
Conc: 354.16 ng/ml



#7 AR-1016-5

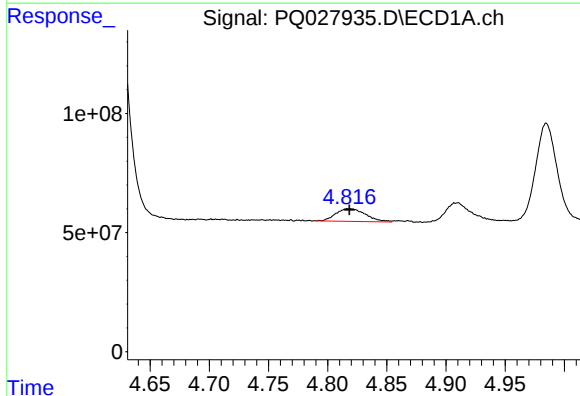
R.T.: 6.046 min
Delta R.T.: -0.006 min
Response: 684523655
Conc: 386.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



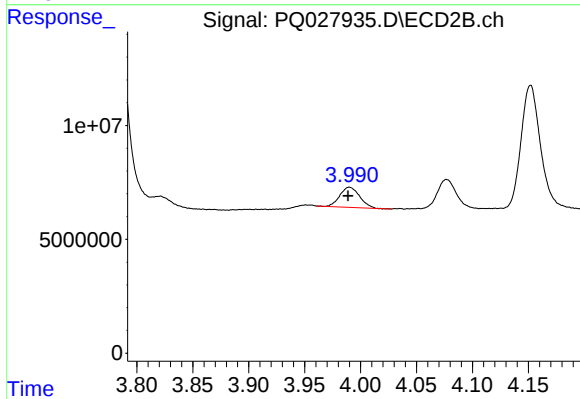
#7 AR-1016-5

R.T.: 5.087 min
Delta R.T.: 0.000 min
Response: 84754551
Conc: 364.10 ng/ml



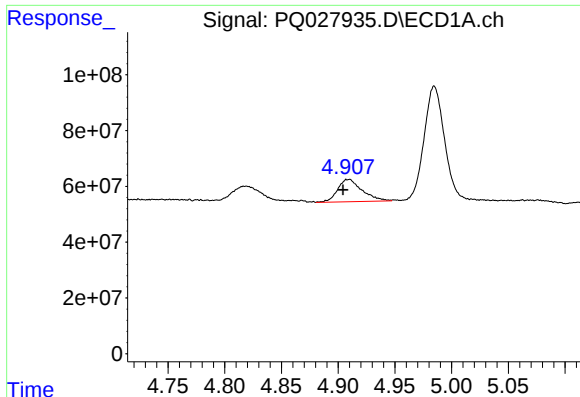
#8 AR-1221-1

R.T.: 4.819 min
Delta R.T.: 0.000 min
Response: 93090961
Conc: 76.69 ng/ml



#8 AR-1221-1

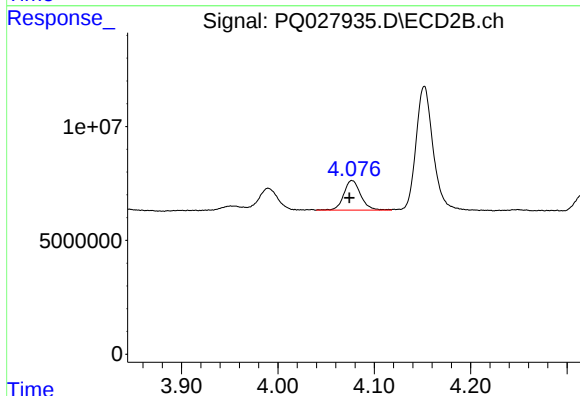
R.T.: 3.990 min
Delta R.T.: 0.001 min
Response: 10941157
Conc: 64.21 ng/ml



#9 AR-1221-2

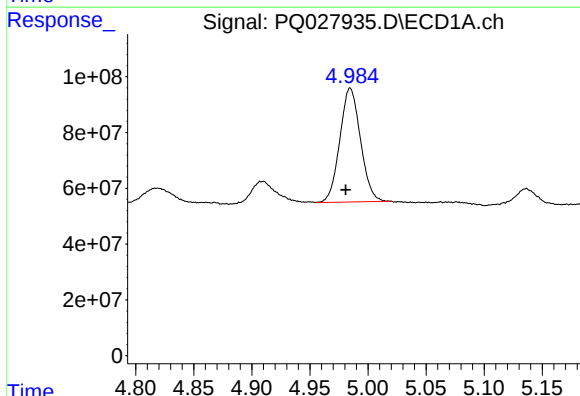
R.T.: 4.910 min
Delta R.T.: 0.006 min
Response: 120330622
Conc: 144.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



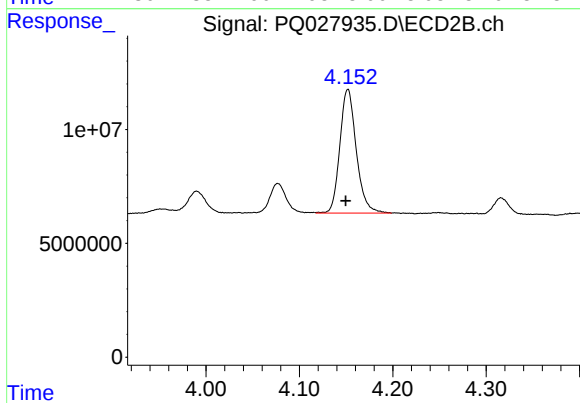
#9 AR-1221-2

R.T.: 4.077 min
Delta R.T.: 0.003 min
Response: 15976976
Conc: 122.58 ng/ml



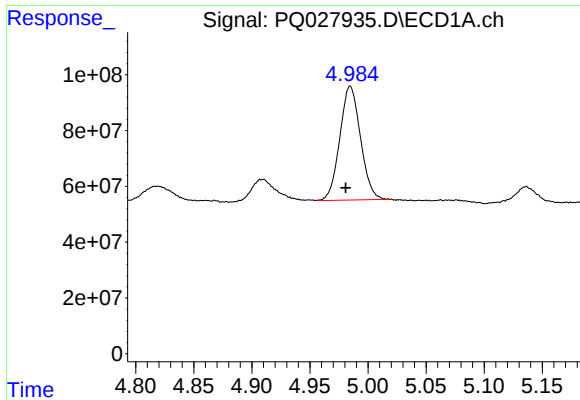
#10 AR-1221-3

R.T.: 4.985 min
Delta R.T.: 0.004 min
Response: 505195645
Conc: 163.91 ng/ml



#10 AR-1221-3

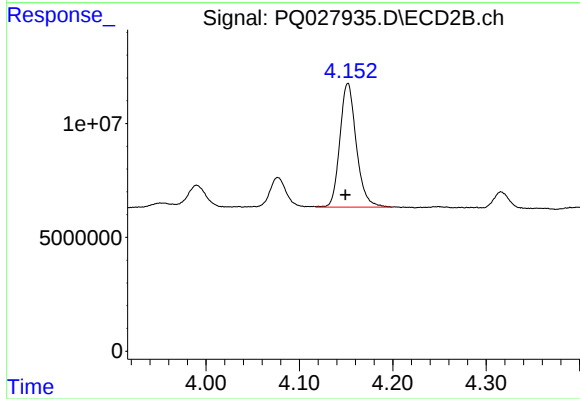
R.T.: 4.152 min
Delta R.T.: 0.002 min
Response: 66628847
Conc: 154.54 ng/ml



#11 AR-1232-1

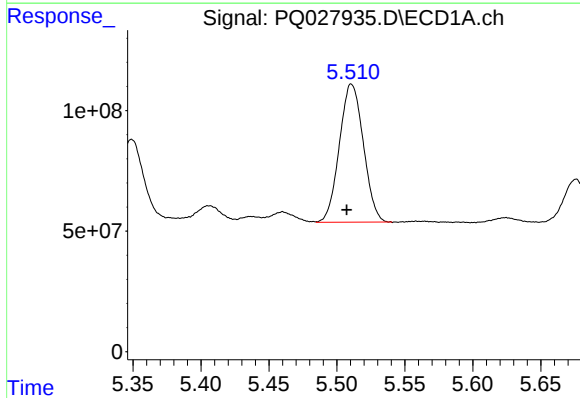
R.T.: 4.985 min
Delta R.T.: 0.004 min
Response: 505195645
Conc: 254.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



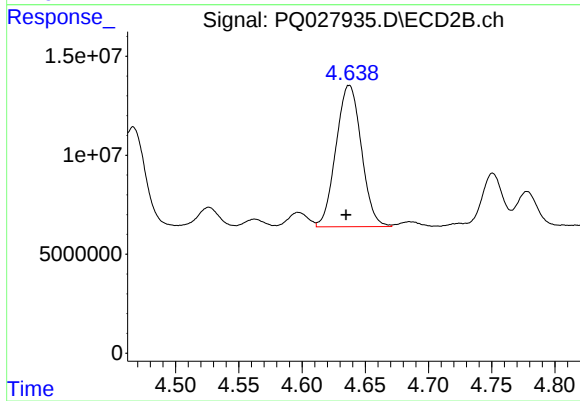
#11 AR-1232-1

R.T.: 4.152 min
Delta R.T.: 0.003 min
Response: 66628847
Conc: 230.80 ng/ml



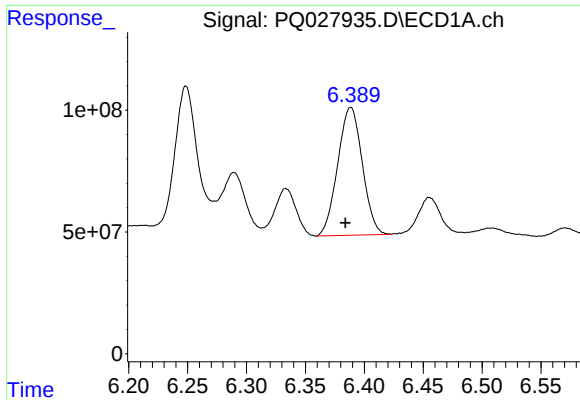
#12 AR-1232-2

R.T.: 5.511 min
Delta R.T.: 0.003 min
Response: 702848839
Conc: 601.93 ng/ml



#12 AR-1232-2

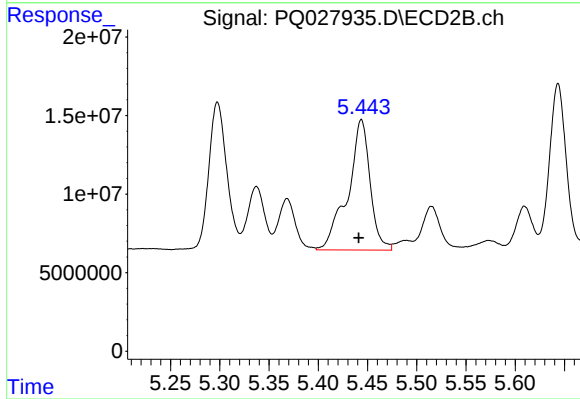
R.T.: 4.637 min
Delta R.T.: 0.003 min
Response: 99728678
Conc: 612.65 ng/ml



#13 AR-1232-3

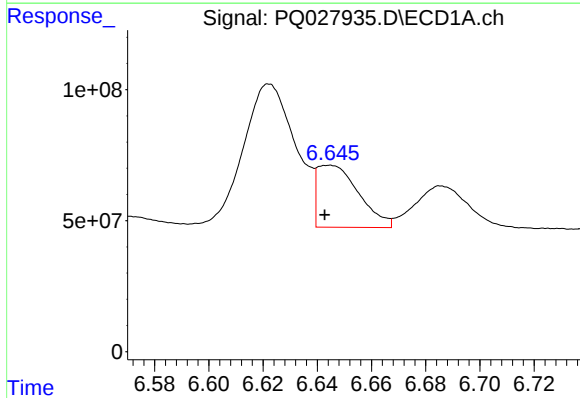
R.T.: 6.389 min
Delta R.T.: 0.005 min
Response: 763024994
Conc: 684.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



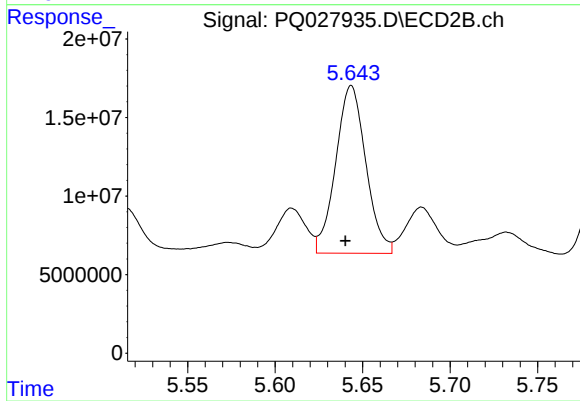
#13 AR-1232-3

R.T.: 5.444 min
Delta R.T.: 0.003 min
Response: 130691003
Conc: 730.65 ng/ml



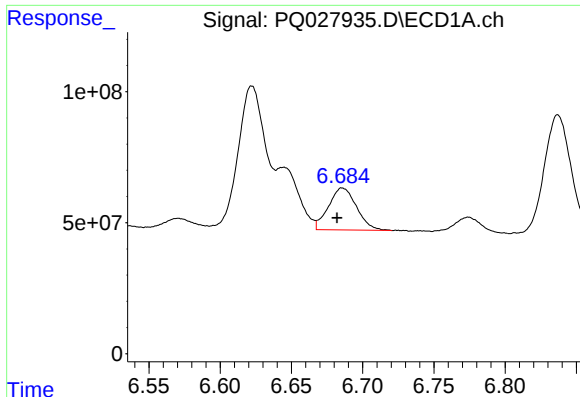
#14 AR-1232-4

R.T.: 6.644 min
Delta R.T.: 0.002 min
Response: 251905705
Conc: 206.95 ng/ml



#14 AR-1232-4

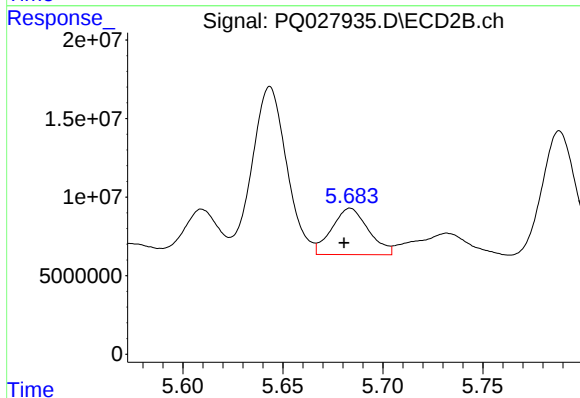
R.T.: 5.644 min
Delta R.T.: 0.003 min
Response: 128058096
Conc: 644.93 ng/ml



#15 AR-1232-5

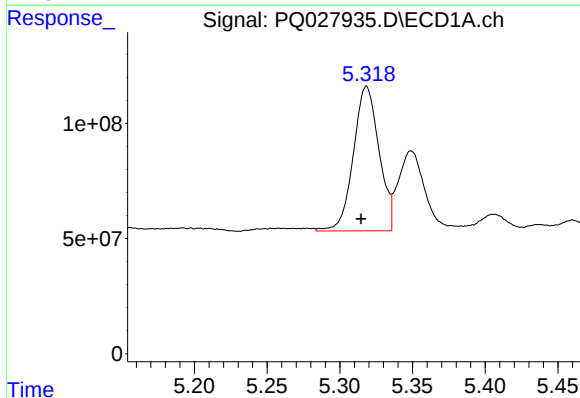
R.T.: 6.686 min
Delta R.T.: 0.004 min
Response: 218627131
Conc: 175.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



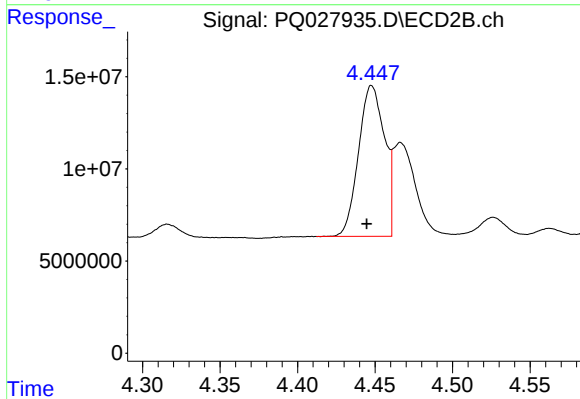
#15 AR-1232-5

R.T.: 5.684 min
Delta R.T.: 0.003 min
Response: 37667362
Conc: 220.04 ng/ml



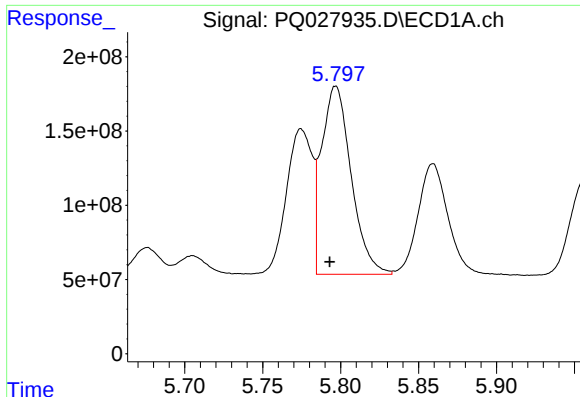
#16 AR-1242-1

R.T.: 5.318 min
Delta R.T.: 0.004 min
Response: 770620729
Conc: 454.12 ng/ml



#16 AR-1242-1

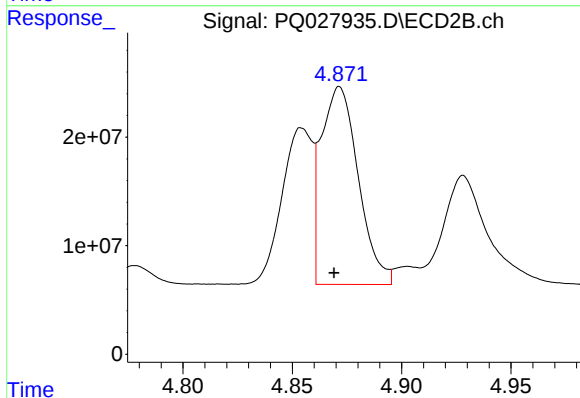
R.T.: 4.448 min
Delta R.T.: 0.003 min
Response: 95117193
Conc: 432.83 ng/ml



#17 AR-1242-2

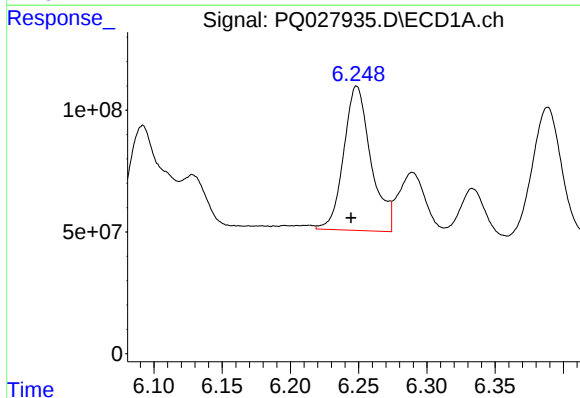
R.T.: 5.797 min
Delta R.T.: 0.004 min
Response: 1676908316
Conc: 445.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



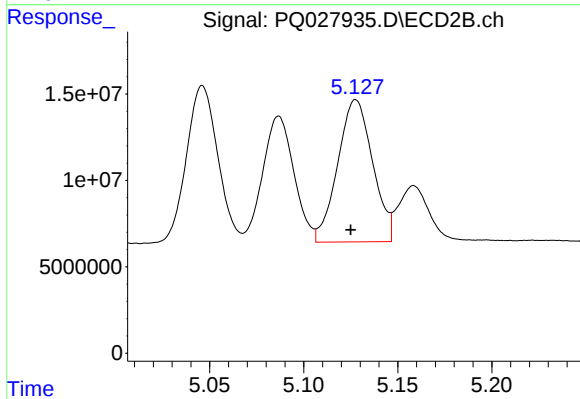
#17 AR-1242-2

R.T.: 4.872 min
Delta R.T.: 0.002 min
Response: 215568592
Conc: 430.68 ng/ml



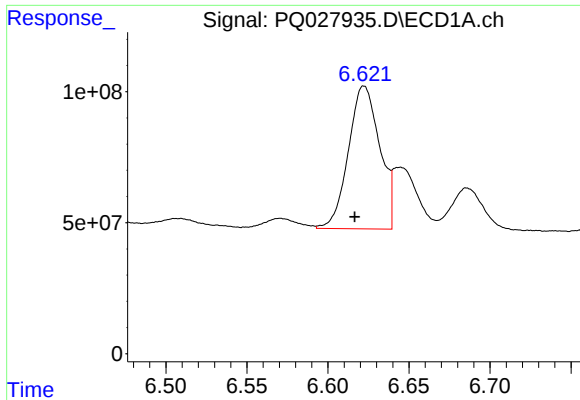
#18 AR-1242-3

R.T.: 6.248 min
Delta R.T.: 0.004 min
Response: 824220433
Conc: 449.46 ng/ml



#18 AR-1242-3

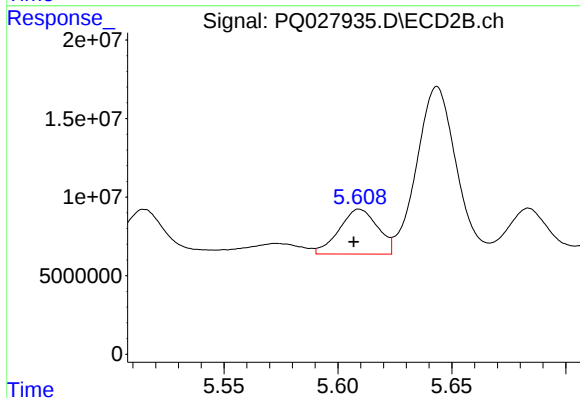
R.T.: 5.128 min
Delta R.T.: 0.003 min
Response: 106272649
Conc: 418.71 ng/ml



#19 AR-1242-4

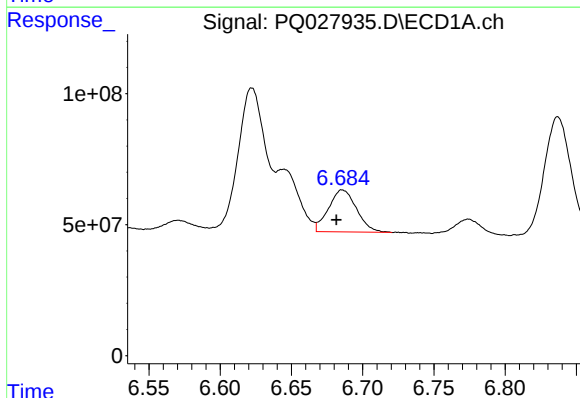
R.T.: 6.622 min
Delta R.T.: 0.006 min
Response: 733541745
Conc: 510.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



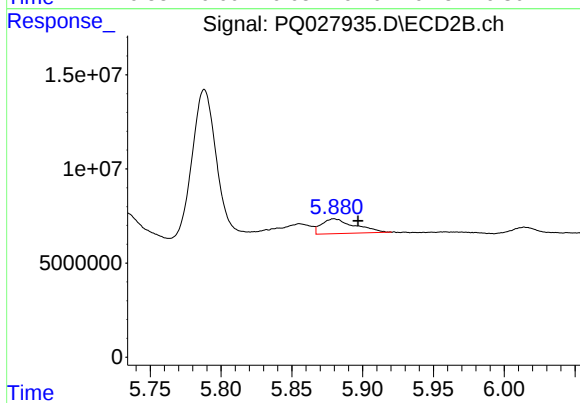
#19 AR-1242-4

R.T.: 5.609 min
Delta R.T.: 0.003 min
Response: 33633549
Conc: 184.32 ng/ml



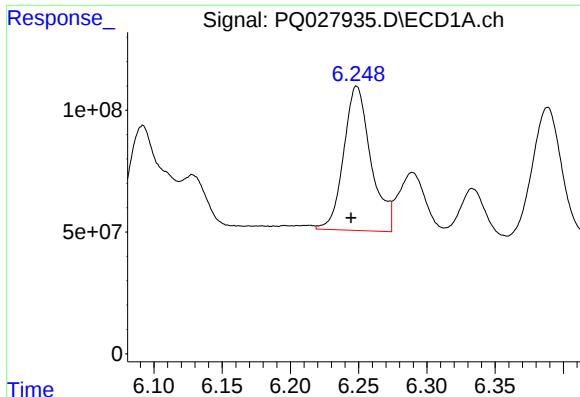
#20 AR-1242-5

R.T.: 6.686 min
Delta R.T.: 0.004 min
Response: 218627131
Conc: 104.46 ng/ml



#20 AR-1242-5

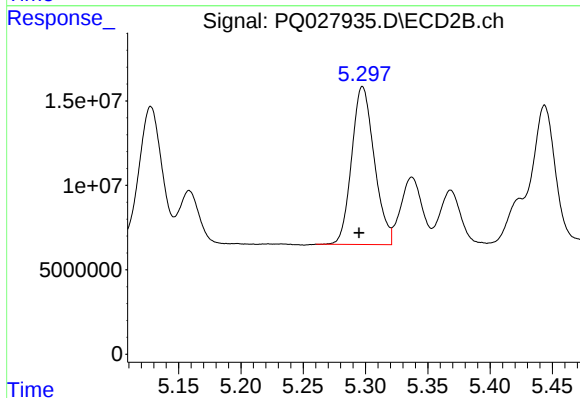
R.T.: 5.880 min
Delta R.T.: -0.017 min
Response: 12823848
Conc: 67.20 ng/ml



#21 AR-1248-1

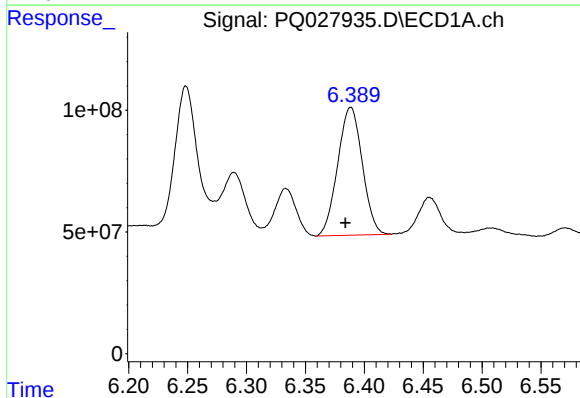
R.T.: 6.248 min
Delta R.T.: 0.004 min
Response: 824220433
Conc: 233.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



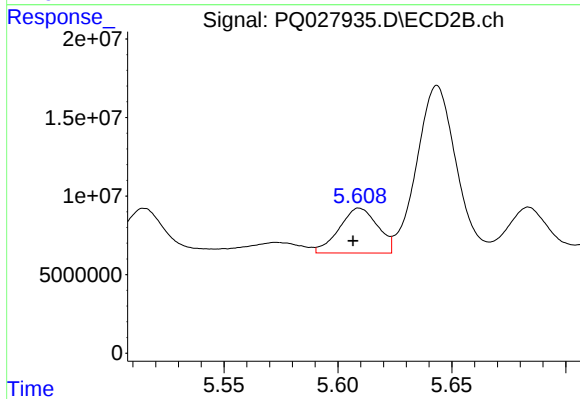
#21 AR-1248-1

R.T.: 5.298 min
Delta R.T.: 0.003 min
Response: 118170386
Conc: 227.93 ng/ml



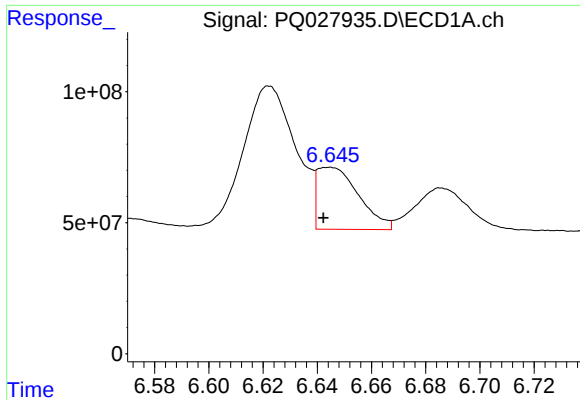
#22 AR-1248-2

R.T.: 6.389 min
Delta R.T.: 0.005 min
Response: 763024994
Conc: 251.87 ng/ml



#22 AR-1248-2

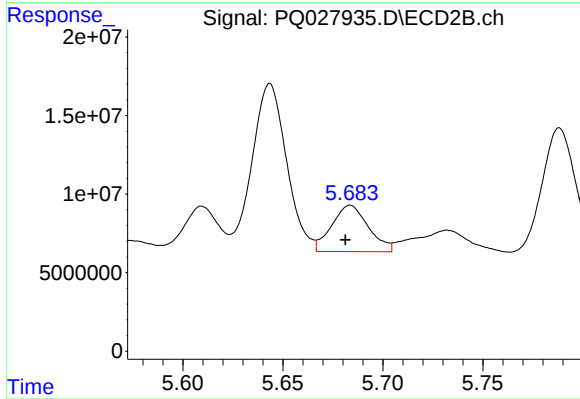
R.T.: 5.609 min
Delta R.T.: 0.003 min
Response: 33633549
Conc: 105.27 ng/ml



#23 AR-1248-3

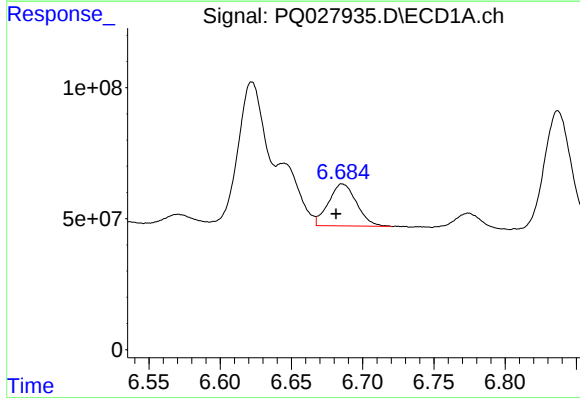
R.T.: 6.644 min
Delta R.T.: 0.002 min
Response: 251905705
Conc: 59.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



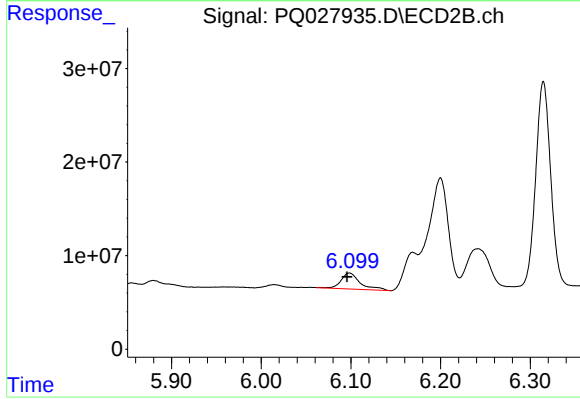
#23 AR-1248-3

R.T.: 5.684 min
Delta R.T.: 0.002 min
Response: 37667362
Conc: 65.64 ng/ml



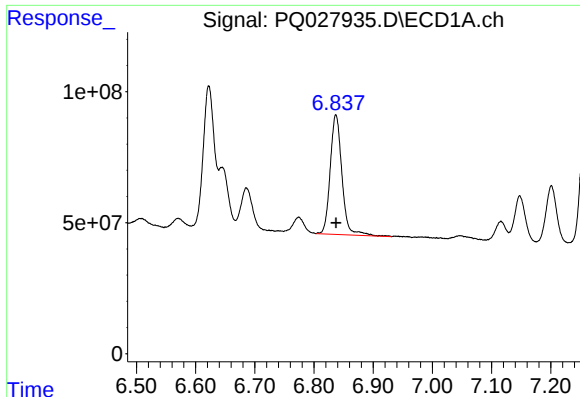
#24 AR-1248-4

R.T.: 6.686 min
Delta R.T.: 0.004 min
Response: 218627131
Conc: 54.90 ng/ml



#24 AR-1248-4

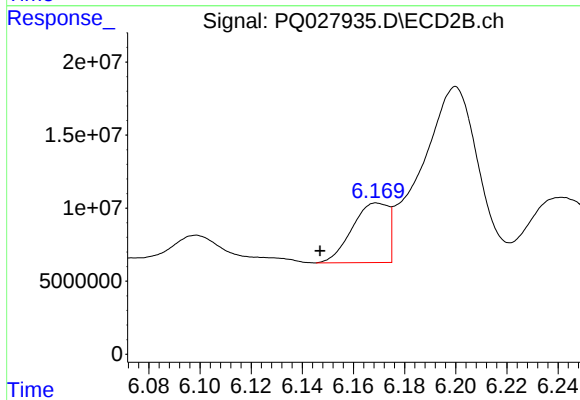
R.T.: 6.098 min
Delta R.T.: 0.003 min
Response: 25481864
Conc: 103.24 ng/ml



#25 AR-1248-5

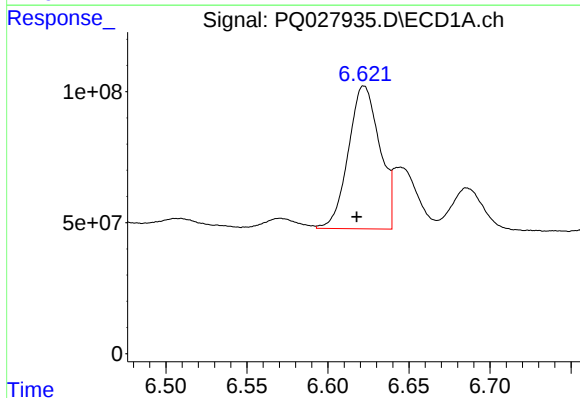
R.T.: 6.837 min
Delta R.T.: 0.000 min
Response: 629746632
Conc: 153.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



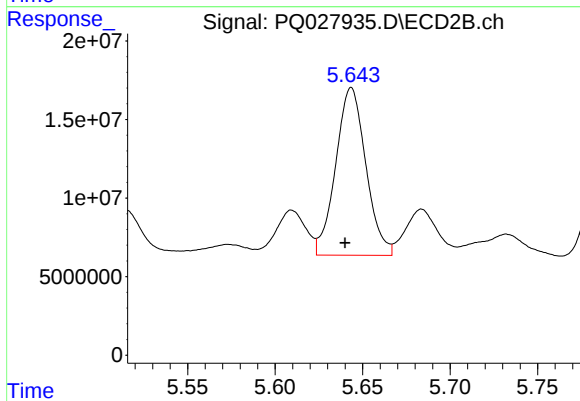
#25 AR-1248-5

R.T.: 6.169 min
Delta R.T.: 0.022 min
Response: 39854920
Conc: 275.38 ng/ml



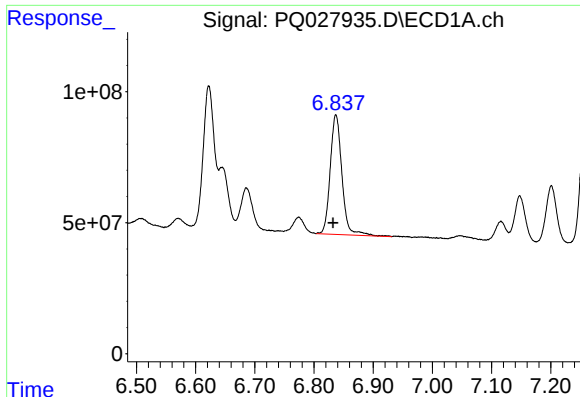
#26 AR-1254-1

R.T.: 6.622 min
Delta R.T.: 0.005 min
Response: 733541745
Conc: 181.58 ng/ml



#26 AR-1254-1

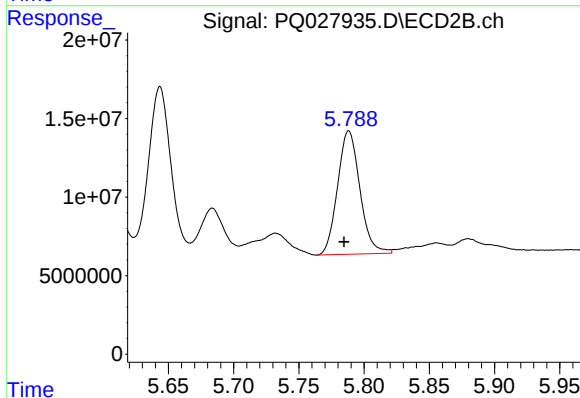
R.T.: 5.644 min
Delta R.T.: 0.004 min
Response: 128058096
Conc: 162.11 ng/ml



#27 AR-1254-2

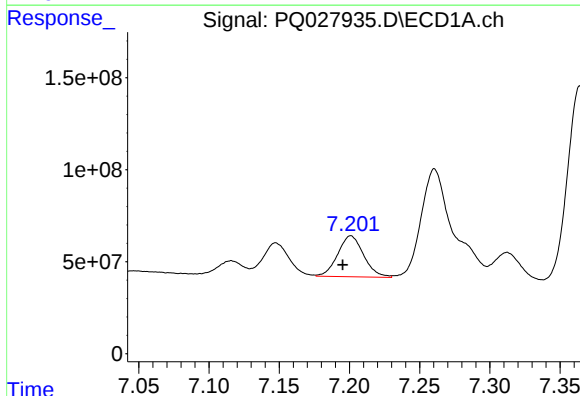
R.T.: 6.837 min
Delta R.T.: 0.004 min
Response: 629746632
Conc: 100.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



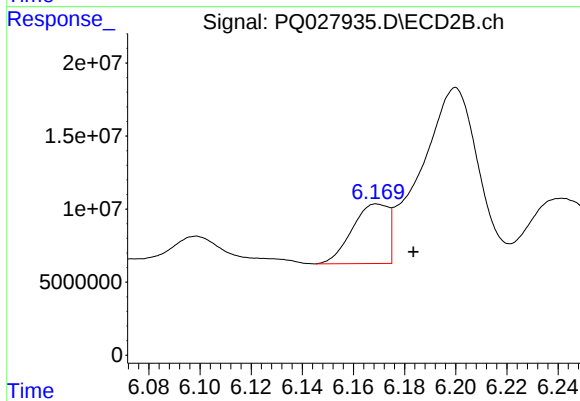
#27 AR-1254-2

R.T.: 5.788 min
Delta R.T.: 0.004 min
Response: 93472846
Conc: 135.95 ng/ml



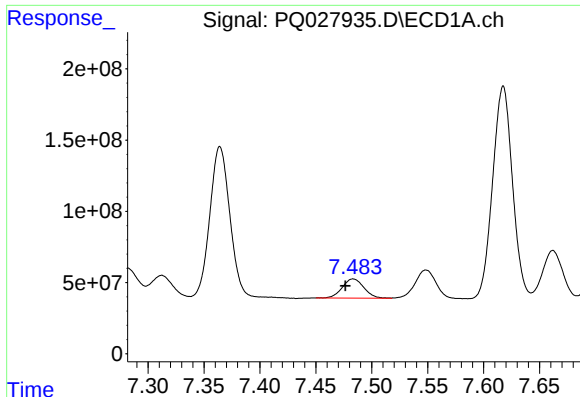
#28 AR-1254-3

R.T.: 7.201 min
Delta R.T.: 0.006 min
Response: 285985657
Conc: 42.89 ng/ml



#28 AR-1254-3

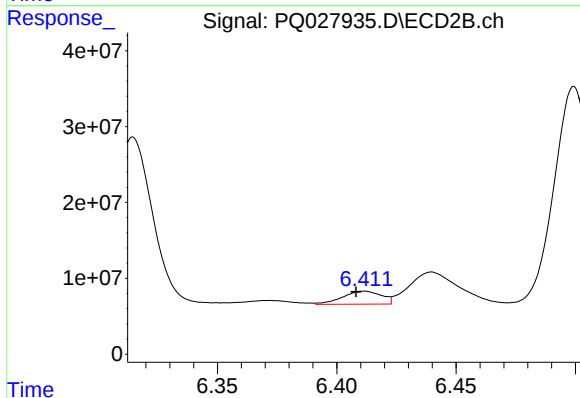
R.T.: 6.169 min
Delta R.T.: -0.014 min
Response: 39854920
Conc: 32.69 ng/ml



#29 AR-1254-4

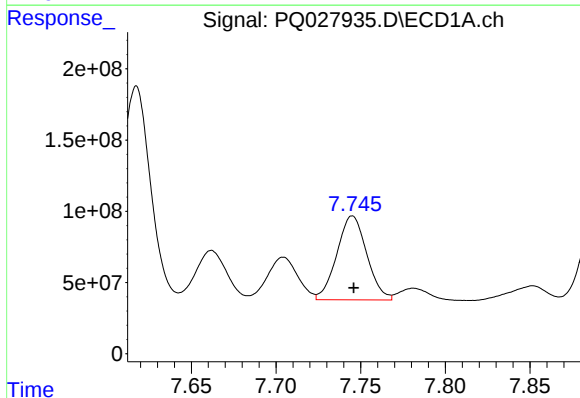
R.T.: 7.483 min
Delta R.T.: 0.007 min
Response: 182085910
Conc: 34.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



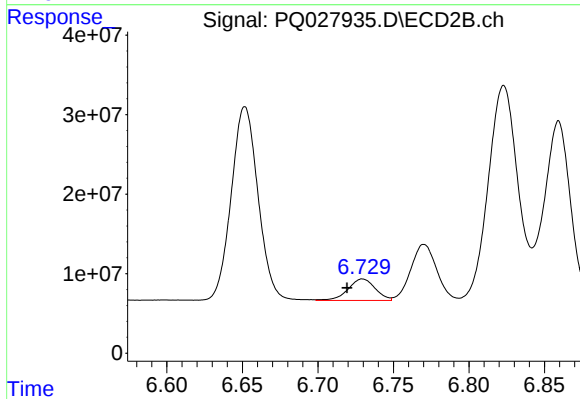
#29 AR-1254-4

R.T.: 6.412 min
Delta R.T.: 0.004 min
Response: 19616495
Conc: 23.60 ng/ml



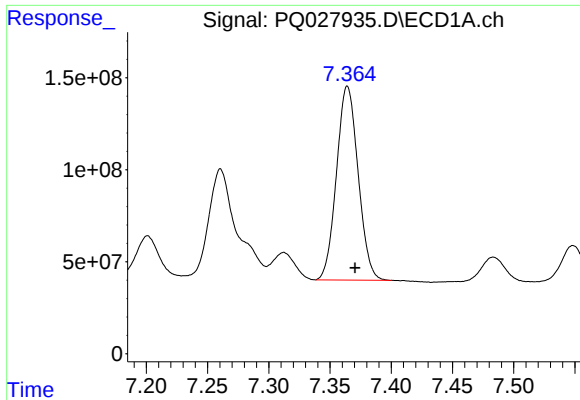
#30 AR-1254-5

R.T.: 7.745 min
Delta R.T.: 0.000 min
Response: 724603676
Conc: 213.79 ng/ml



#30 AR-1254-5

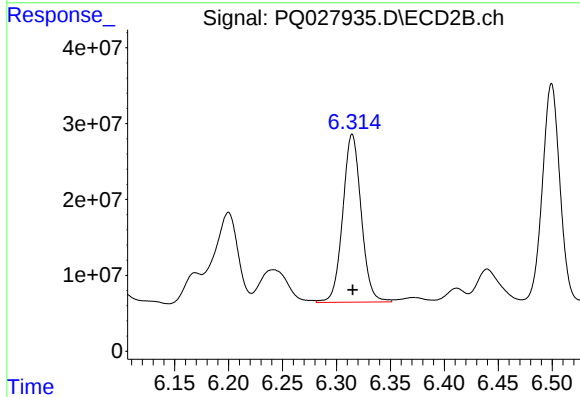
R.T.: 6.730 min
Delta R.T.: 0.010 min
Response: 33856689
Conc: 58.01 ng/ml



#31 AR-1260-1

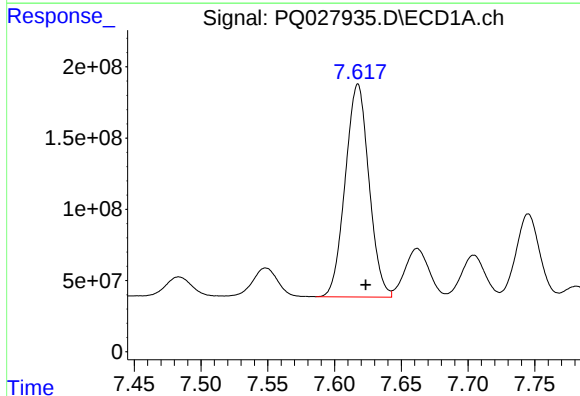
R.T.: 7.364 min
Delta R.T.: -0.006 min
Response: 1294123612
Conc: 310.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



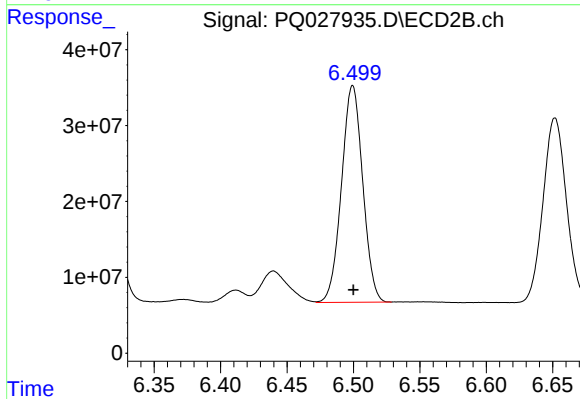
#31 AR-1260-1

R.T.: 6.315 min
Delta R.T.: 0.000 min
Response: 263652431
Conc: 357.33 ng/ml



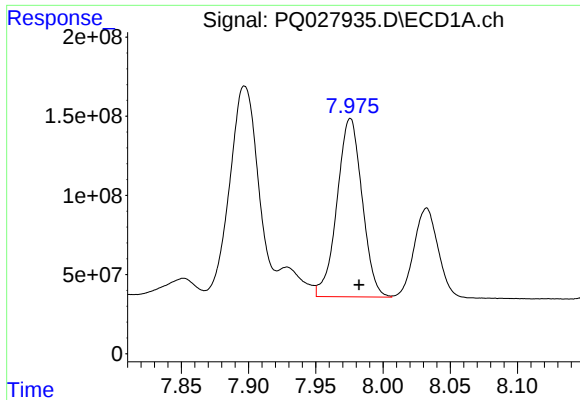
#32 AR-1260-2

R.T.: 7.618 min
Delta R.T.: -0.006 min
Response: 1849147605
Conc: 312.91 ng/ml



#32 AR-1260-2

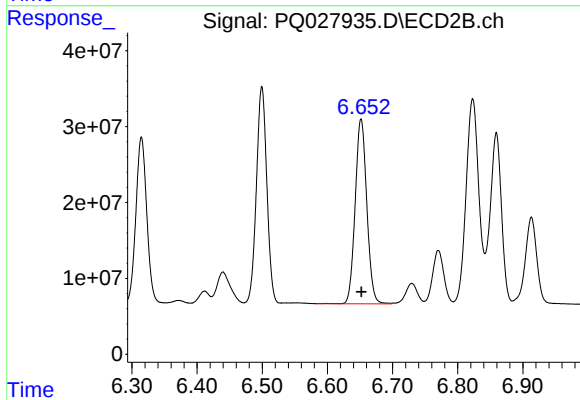
R.T.: 6.499 min
Delta R.T.: 0.000 min
Response: 317937875
Conc: 332.58 ng/ml



#33 AR-1260-3

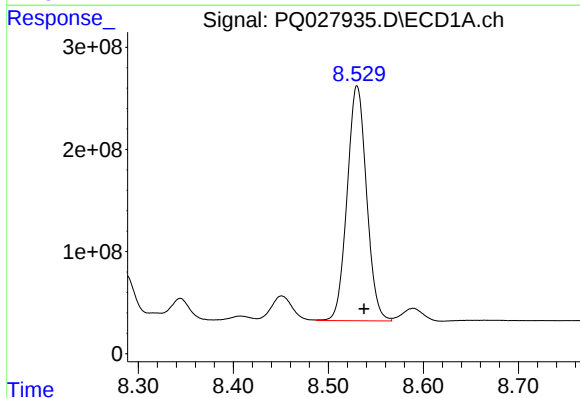
R.T.: 7.976 min
Delta R.T.: -0.006 min
Response: 1464055581
Conc: 302.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



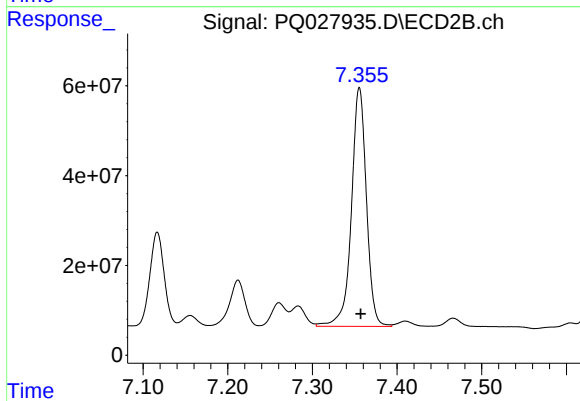
#33 AR-1260-3

R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 301479300
Conc: 346.98 ng/ml



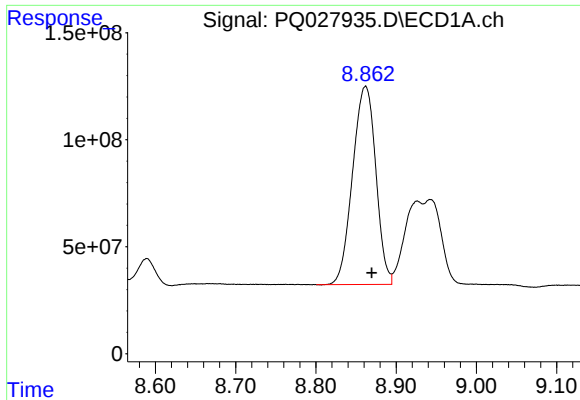
#34 AR-1260-4

R.T.: 8.530 min
Delta R.T.: -0.007 min
Response: 3265911010
Conc: 302.42 ng/ml



#34 AR-1260-4

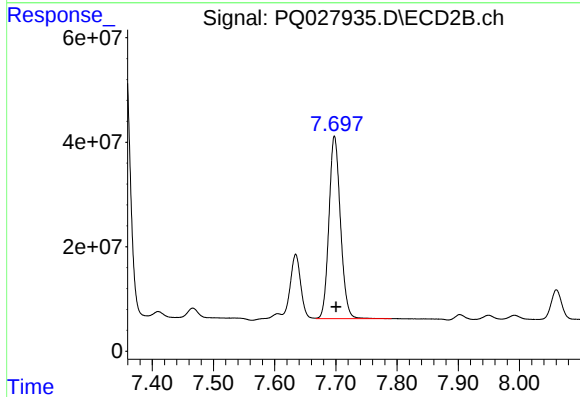
R.T.: 7.356 min
Delta R.T.: -0.001 min
Response: 656070502
Conc: 323.22 ng/ml



#35 AR-1260-5

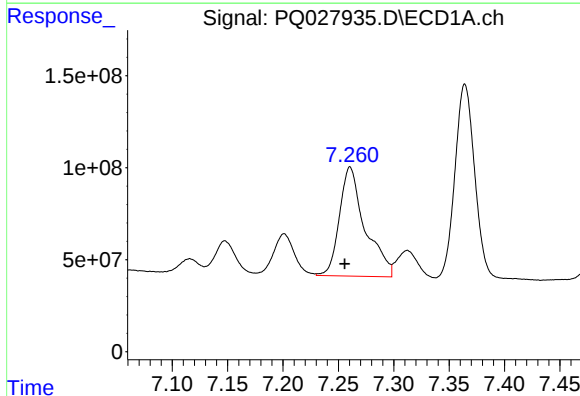
R.T.: 8.862 min
Delta R.T.: -0.008 min
Response: 1861479962
Conc: 308.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



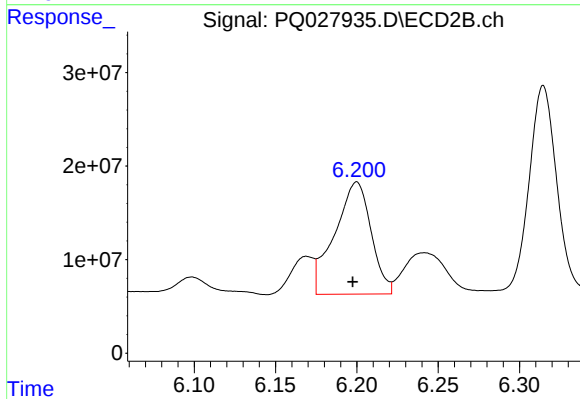
#35 AR-1260-5

R.T.: 7.698 min
Delta R.T.: -0.002 min
Response: 456142666
Conc: 308.08 ng/ml



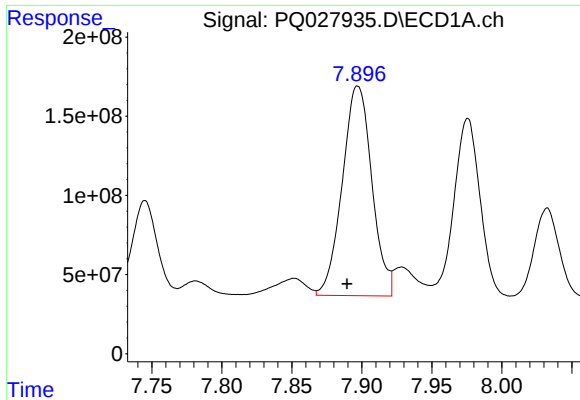
#36 AR-1262-1

R.T.: 7.261 min
Delta R.T.: 0.005 min
Response: 954618979
Conc: 295.76 ng/ml



#36 AR-1262-1

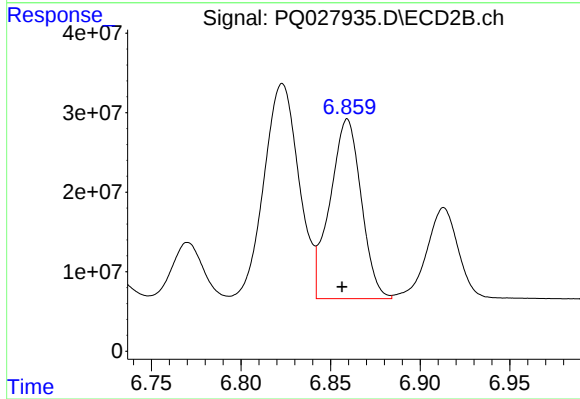
R.T.: 6.200 min
Delta R.T.: 0.002 min
Response: 186639074
Conc: 394.44 ng/ml



#37 AR-1262-2

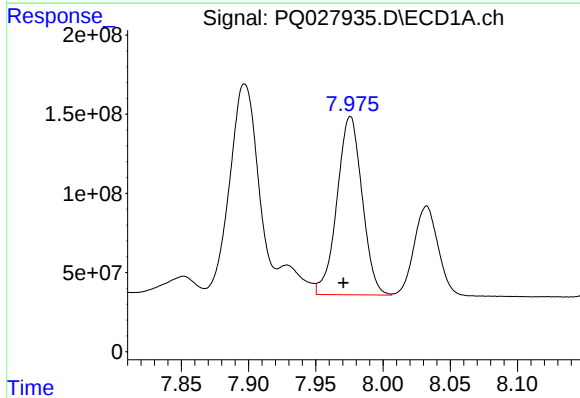
R.T.: 7.897 min
Delta R.T.: 0.008 min
Response: 1948496638
Conc: 426.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



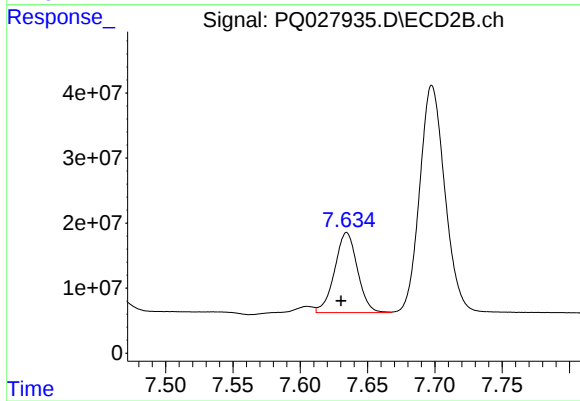
#37 AR-1262-2

R.T.: 6.859 min
Delta R.T.: 0.003 min
Response: 274052658
Conc: 205.12 ng/ml



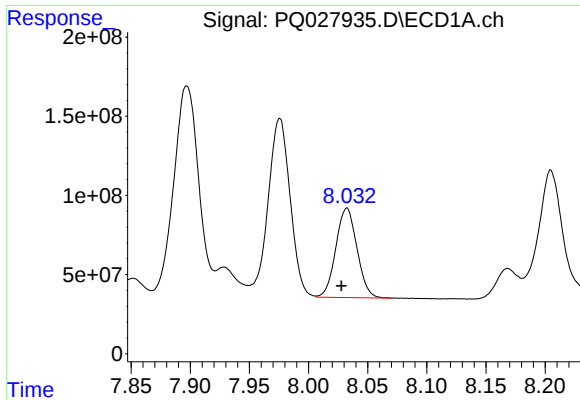
#38 AR-1262-3

R.T.: 7.976 min
Delta R.T.: 0.005 min
Response: 1464055581
Conc: 179.44 ng/ml



#38 AR-1262-3

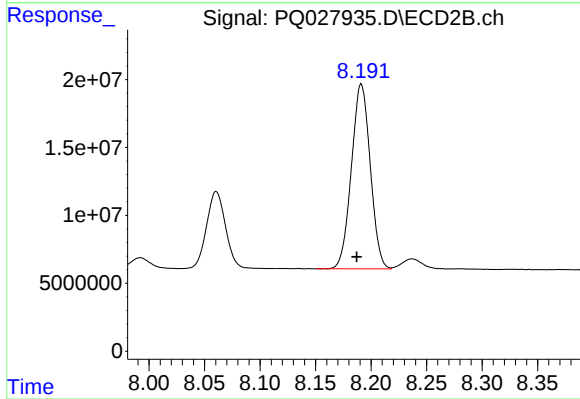
R.T.: 7.635 min
Delta R.T.: 0.004 min
Response: 145420716
Conc: 137.87 ng/ml



#39 AR-1262-4

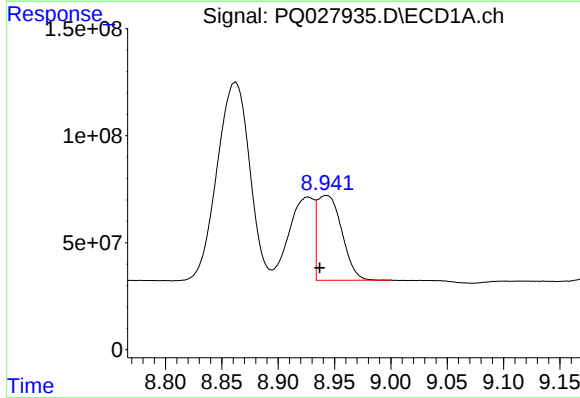
R.T.: 8.032 min
Delta R.T.: 0.005 min
Response: 703132848
Conc: 232.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



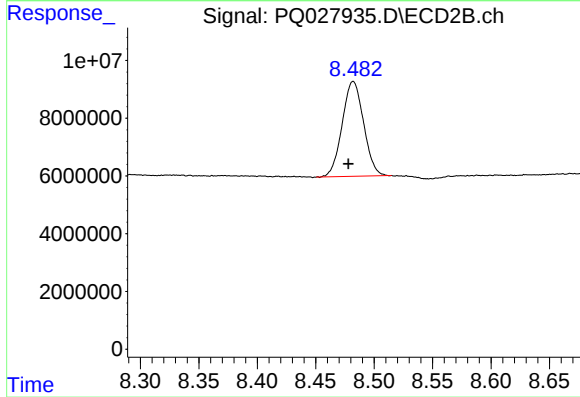
#39 AR-1262-4

R.T.: 8.191 min
Delta R.T.: 0.004 min
Response: 160828563
Conc: 169.23 ng/ml



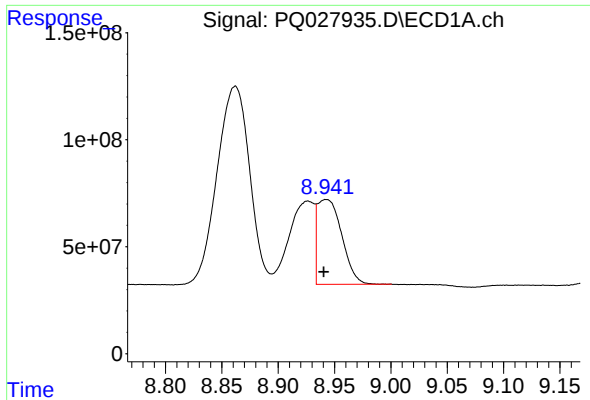
#40 AR-1262-5

R.T.: 8.943 min
Delta R.T.: 0.006 min
Response: 596493473
Conc: 85.62 ng/ml



#40 AR-1262-5

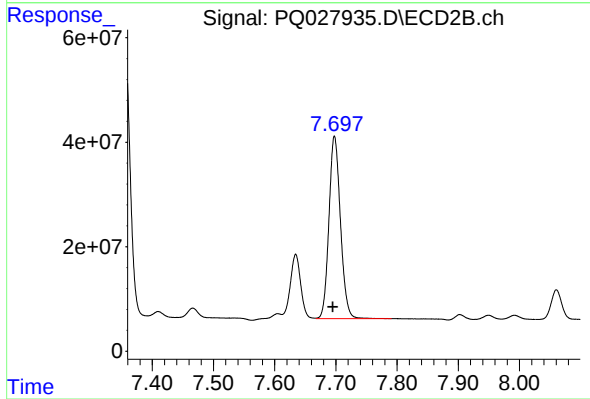
R.T.: 8.482 min
Delta R.T.: 0.004 min
Response: 41998342
Conc: 121.52 ng/ml



#41 AR-1268-1

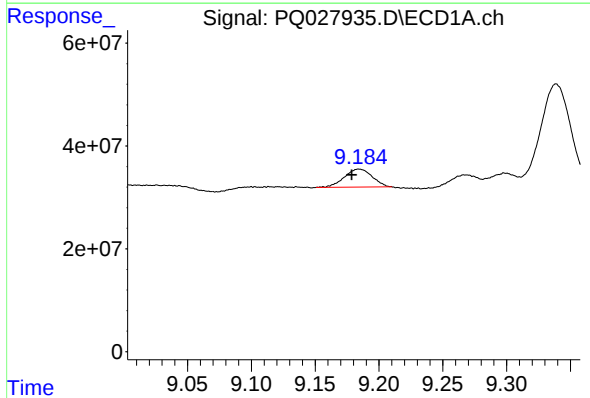
R.T.: 8.943 min
Delta R.T.: 0.002 min
Response: 596493473
Conc: 38.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



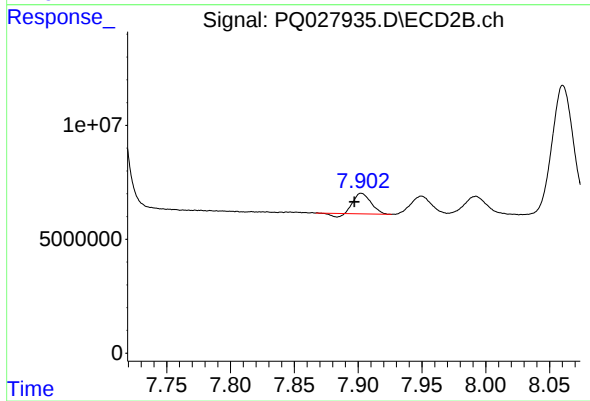
#41 AR-1268-1

R.T.: 7.698 min
Delta R.T.: 0.003 min
Response: 456142666
Conc: 151.67 ng/ml



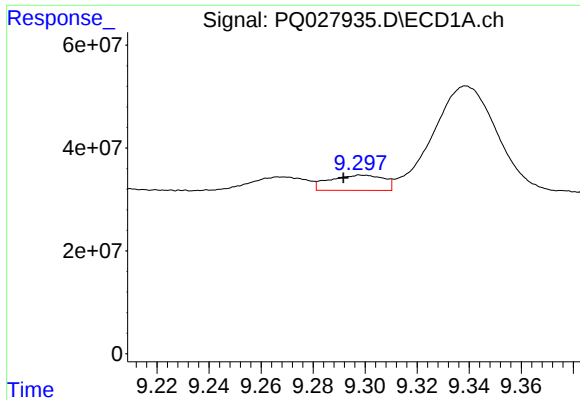
#42 AR-1268-2

R.T.: 9.184 min
Delta R.T.: 0.006 min
Response: 53404831
Conc: 3.75 ng/ml



#42 AR-1268-2

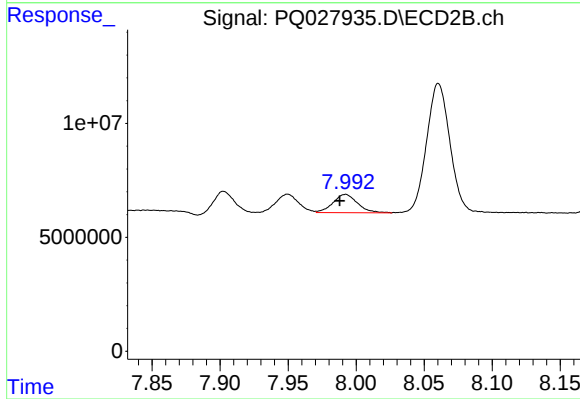
R.T.: 7.903 min
Delta R.T.: 0.005 min
Response: 7891872
Conc: 2.94 ng/ml



#43 AR-1268-3

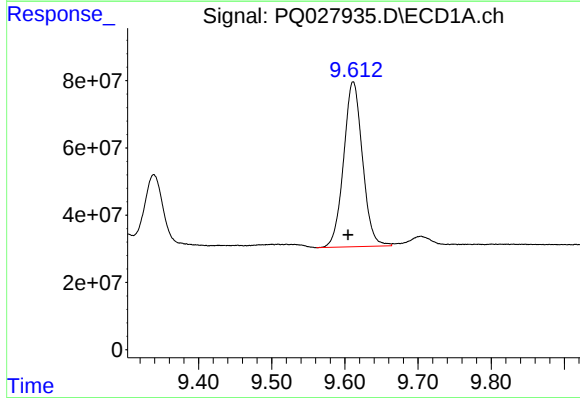
R.T.: 9.299 min
Delta R.T.: 0.007 min
Response: 42698996
Conc: 12.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



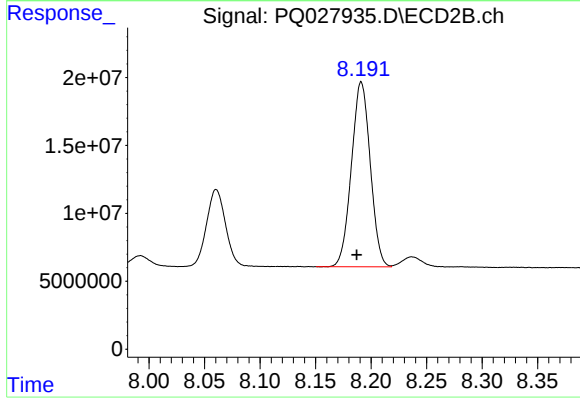
#43 AR-1268-3

R.T.: 7.992 min
Delta R.T.: 0.004 min
Response: 10093569
Conc: 14.06 ng/ml



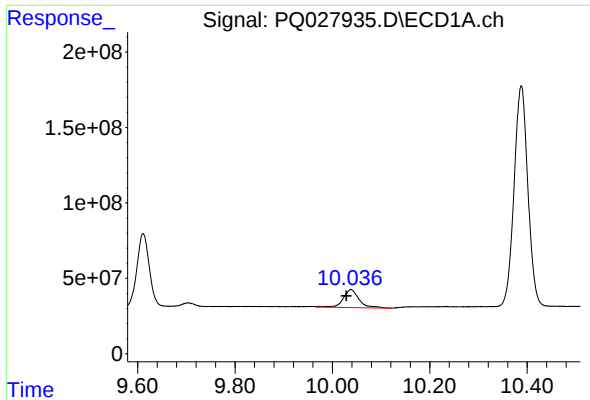
#44 AR-1268-4

R.T.: 9.611 min
Delta R.T.: 0.007 min
Response: 877511243
Conc: 169.39 ng/ml



#44 AR-1268-4

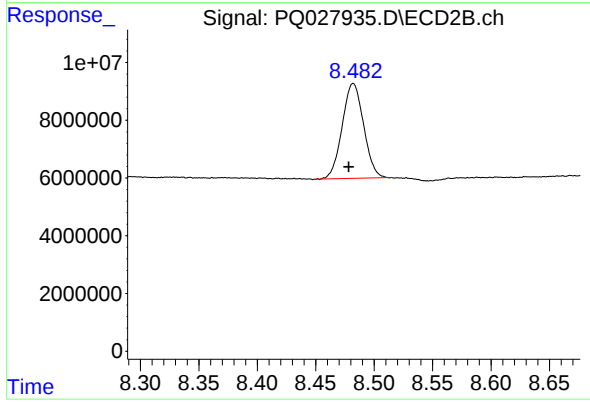
R.T.: 8.191 min
Delta R.T.: 0.004 min
Response: 160828563
Conc: 152.79 ng/ml



#45 AR-1268-5

R.T.: 10.038 min
Delta R.T.: 0.009 min
Response: 273317247
Conc: 6.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.482 min
Delta R.T.: 0.004 min
Response: 41998342
Conc: 5.35 ng/ml