

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ103018\
 Data File : PQ033911.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Oct 2018 21:48
 Operator : SM\SJ
 Sample : J5657-17MS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 06:11:59 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100918CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 30 17:29:03 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...	4.557	3.838	45533243	33302252	22.195	21.412
2)	SA Decachlor...	10.373	8.875	49113983	41857381	25.982	26.038
Target Compounds							
3)	L1 AR-1016-1	5.731	4.927	36904641	32762207	530.012	572.287
4)	L1 AR-1016-2	5.756	4.946	101.7E6	63175436	987.659	792.827
5)	L1 AR-1016-3	5.820	5.126	38412339	92780854	613.447	2236.749 #
6)	L1 AR-1016-4	5.915	5.163	85491702	177.1E6	1691.512	5169.195 #
7)	L1 AR-1016-5	6.211	5.378	229.3E6	252.8E6	4449.405	5532.461
8)	L2 AR-1221-1	4.744	4.077	39392	28221	1.659	1.527
9)	L2 AR-1221-2	4.857	4.166	1029104	62962	62.510	4.760 #
10)	L2 AR-1221-3	5.022	4.242	447237	19969	7.795	0.437 #
11)	L3 AR-1232-1	5.022	4.242	447237	19969	10.074	0.577 #
12)	L3 AR-1232-2	5.464	4.978	76254509	24068480	3228.549	640.081 #
13)	L3 AR-1232-3	5.756	5.163	101.7E6	177.1E6	2127.959	9043.110 #
14)	L3 AR-1232-4	5.915	5.237	85491702	93023506	3589.221	5419.935 #
15)	L3 AR-1232-5	6.050	5.419	242.6E6	106.3E6	13602.524	5452.457 #
16)	L4 AR-1242-1	5.756	4.946	101.7E6	63175436	1704.800	1298.350
17)	L4 AR-1242-2	5.756	4.978	101.7E6	24068480	1171.436	356.572 #
18)	L4 AR-1242-3	5.820	5.163	38412339	177.1E6	734.619	4835.198 #
19)	L4 AR-1242-4	5.915	5.237	85491702	93023506	1982.459	2525.546 #
20)	L4 AR-1242-5	6.653	5.770	230.8E6	176.8E6	4682.388	3679.689
21)	L5 AR-1248-1	5.756	4.946	101.7E6	63175436	2051.034	1541.623
22)	L5 AR-1248-2	6.050	5.204	242.6E6	210.1E6	3298.198	3824.353
23)	L5 AR-1248-3	6.251	5.237	113.2E6	93023506	1384.701	1661.058
24)	L5 AR-1248-4	6.653	5.419	230.8E6	106.3E6	2464.247	1541.615 #
25)	L5 AR-1248-5	6.653	5.804	230.8E6	27253303	2599.181	394.245 #
26)	L6 AR-1254-1	6.613	5.770	41402460	176.8E6	417.776	1569.049 #
27)	L6 AR-1254-2	6.852	5.875	153.9E6	60509725	984.573	612.787 #
28)	L6 AR-1254-3	7.173	6.341	112.0E6	12832385	659.941	77.215 #
29)	L6 AR-1254-4	7.459	6.532	72317765	9749304	585.690	91.632 #
30)	L6 AR-1254-5	7.911	6.959	14704952	28283672	111.082	192.556 #
31)	L7 AR-1260-1	7.335	6.408	44603987	75706589	417.028	806.039 #
32)	L7 AR-1260-2	7.590	6.596	35752265	37735256	283.129	323.879
33)	L7 AR-1260-3	7.951	6.751	46526535	39938203	597.324	370.337 #
34)	L7 AR-1260-4	8.182	7.221	66899644	34644179	660.886	450.689 #
35)	L7 AR-1260-5	8.511	7.461	58344776	65570202	308.984	341.302
36)	L8 AR-1262-1	8.008	7.014	27618008	21613452	204.899	168.180
37)	L8 AR-1262-2	8.567	7.518	9344662	7533594	37.790	31.451
38)	L8 AR-1262-3	8.850	7.808	20295767	39734863	122.701	426.576 #
39)	L8 AR-1262-4	8.979	7.808	833110	39734863	12.224	228.239 #
40)	L8 AR-1262-5	9.655	8.359	9197441	-3252304	105.125	N.D. #
41)	L9 AR-1268-1	8.850	7.808	20295767	39734863	55.344	116.220 #

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 ALS Vial : 44 Sample Multiplier: 1

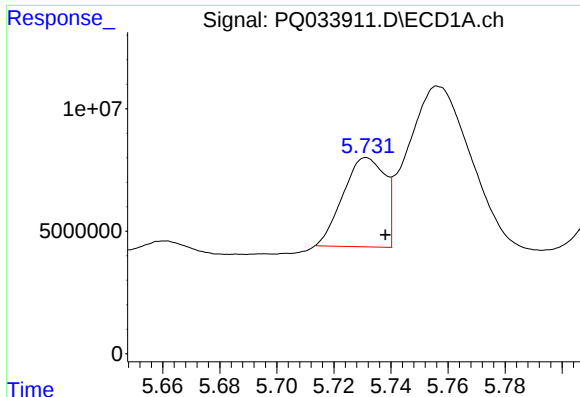
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 06:11:59 2018
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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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.979	7.808	833110	39734863	2.500	128.583 #
43) L9	AR-1268-3	9.219	8.060	478086	2228119	1.696	8.709 #
44) L9	AR-1268-4	9.655	8.359	9197441	-3252304	76.126	N.D. #
45) L9	AR-1268-5	10.028	8.612	-126926	4285460	N.D.	5.124 #

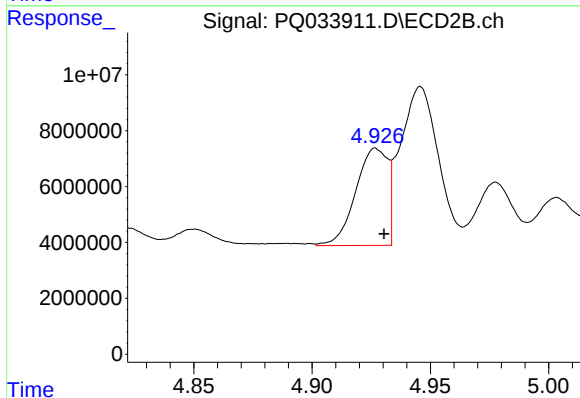
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

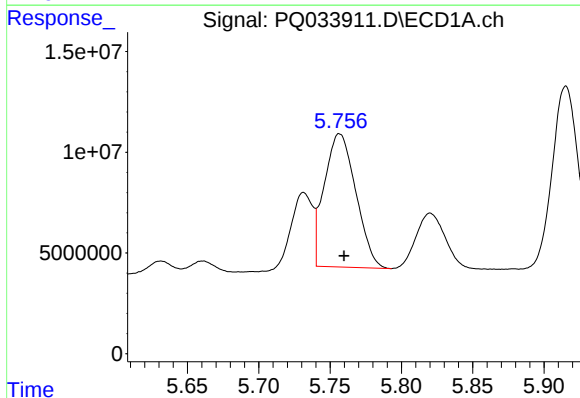
R.T.: 5.731 min
Delta R.T.: -0.007 min
Response: 36904641
Conc: 530.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



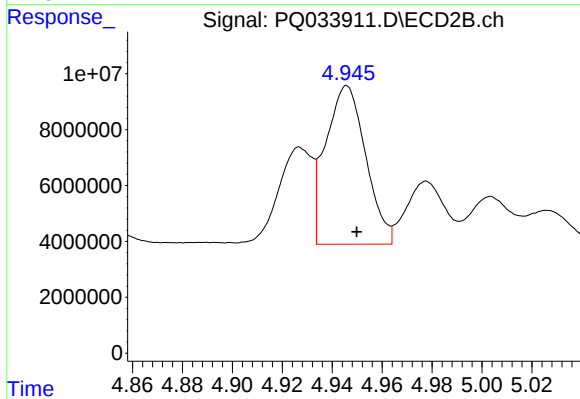
#3 AR-1016-1

R.T.: 4.927 min
Delta R.T.: -0.004 min
Response: 32762207
Conc: 572.29 ng/ml



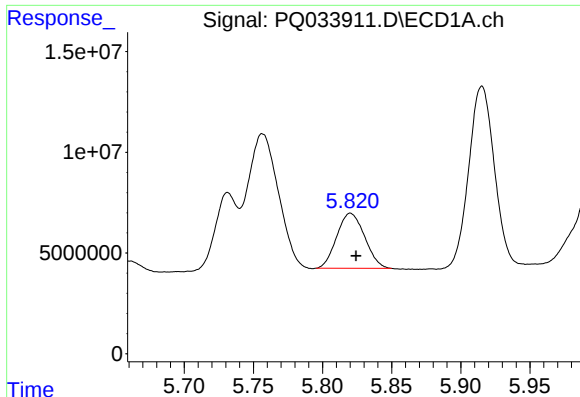
#4 AR-1016-2

R.T.: 5.756 min
Delta R.T.: -0.003 min
Response: 101736856
Conc: 987.66 ng/ml



#4 AR-1016-2

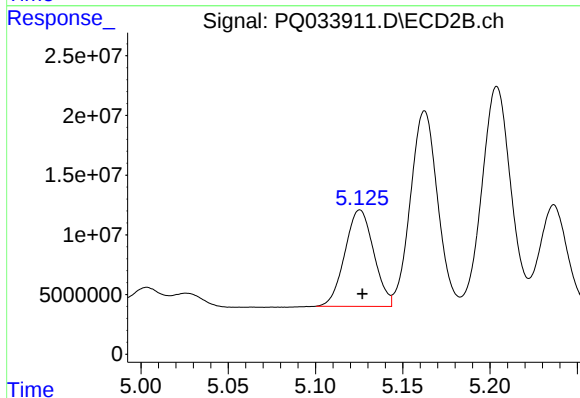
R.T.: 4.946 min
Delta R.T.: -0.004 min
Response: 63175436
Conc: 792.83 ng/ml



#5 AR-1016-3

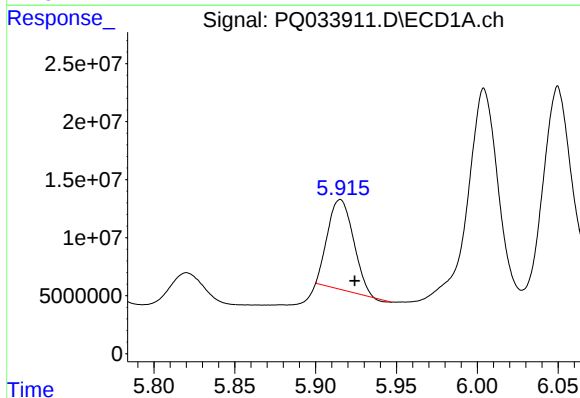
R.T.: 5.820 min
Delta R.T.: -0.004 min
Response: 38412339
Conc: 613.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



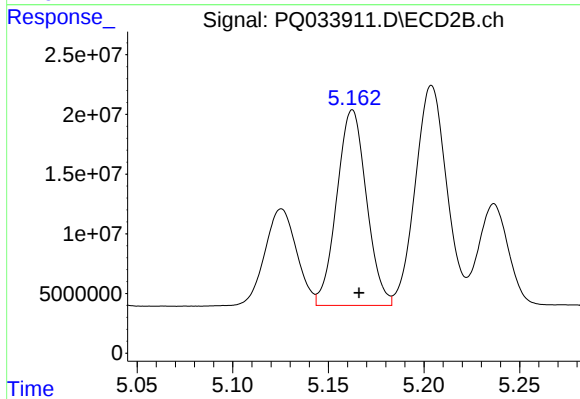
#5 AR-1016-3

R.T.: 5.126 min
Delta R.T.: -0.001 min
Response: 92780854
Conc: 2236.75 ng/ml



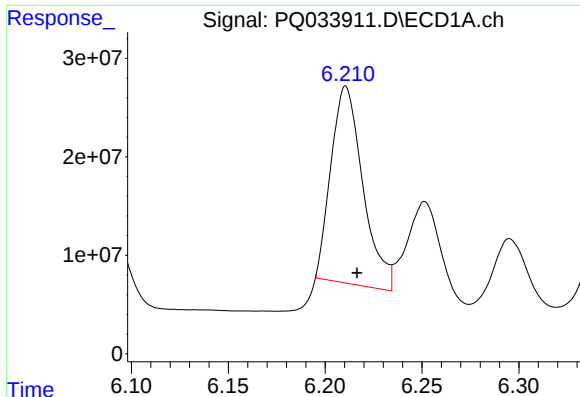
#6 AR-1016-4

R.T.: 5.915 min
Delta R.T.: -0.009 min
Response: 85491702
Conc: 1691.51 ng/ml



#6 AR-1016-4

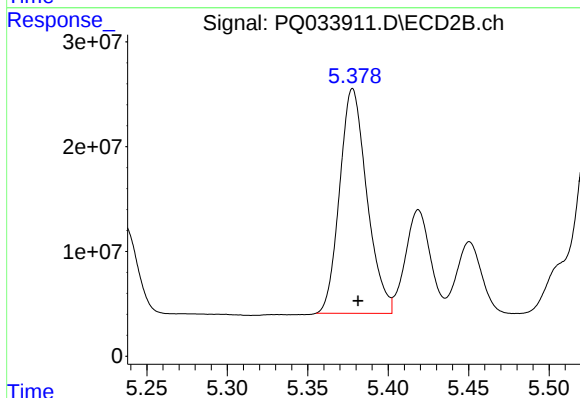
R.T.: 5.163 min
Delta R.T.: -0.003 min
Response: 177116442
Conc: 5169.20 ng/ml



#7 AR-1016-5

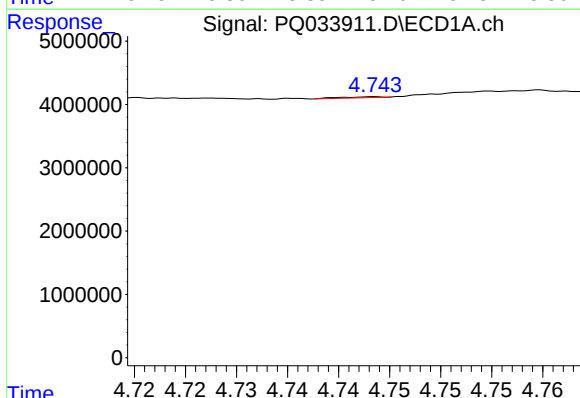
R.T.: 6.211 min
Delta R.T.: -0.006 min
Response: 229281932
Conc: 4449.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



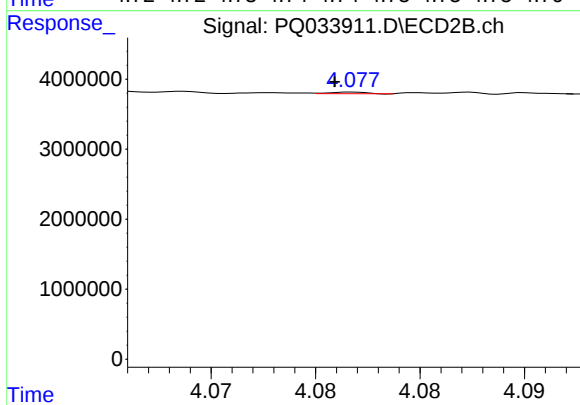
#7 AR-1016-5

R.T.: 5.378 min
Delta R.T.: -0.003 min
Response: 252783463
Conc: 5532.46 ng/ml



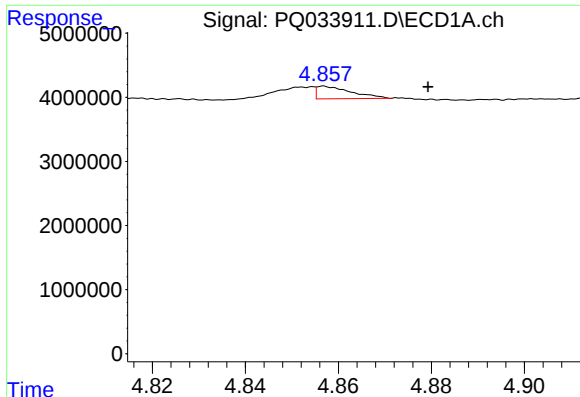
#8 AR-1221-1

R.T.: 4.744 min
Delta R.T.: -0.049 min
Response: 39392
Conc: 1.66 ng/ml



#8 AR-1221-1

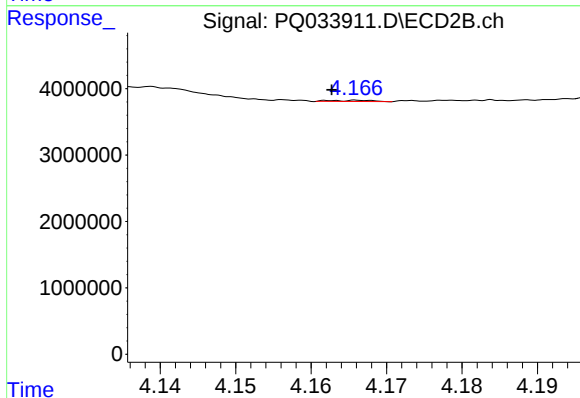
R.T.: 4.077 min
Delta R.T.: 0.001 min
Response: 28221
Conc: 1.53 ng/ml



#9 AR-1221-2

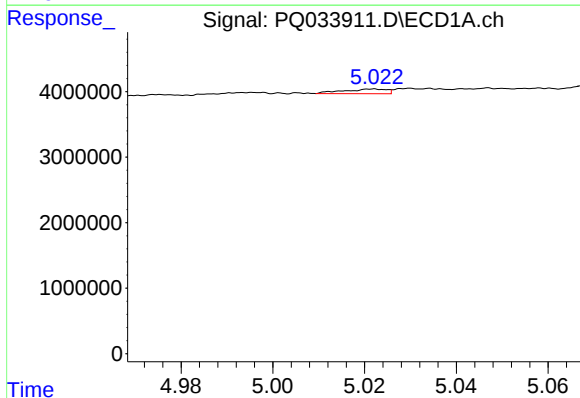
R.T.: 4.857 min
Delta R.T.: -0.022 min
Response: 1029104
Conc: 62.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



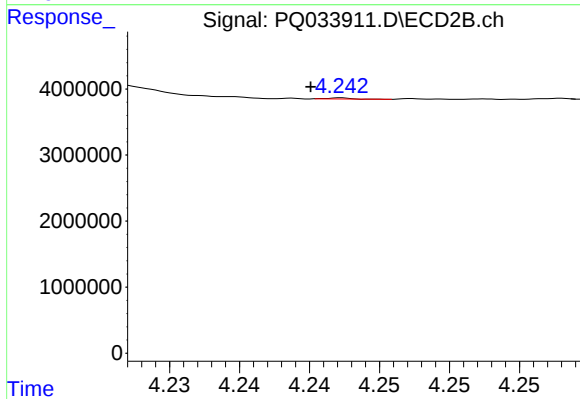
#9 AR-1221-2

R.T.: 4.166 min
Delta R.T.: 0.003 min
Response: 62962
Conc: 4.76 ng/ml



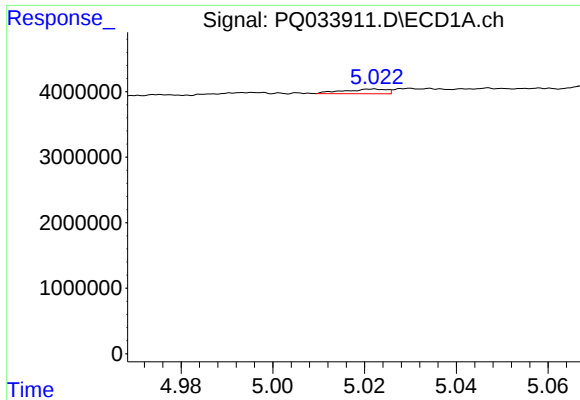
#10 AR-1221-3

R.T.: 5.022 min
Delta R.T.: 0.065 min
Response: 447237
Conc: 7.80 ng/ml



#10 AR-1221-3

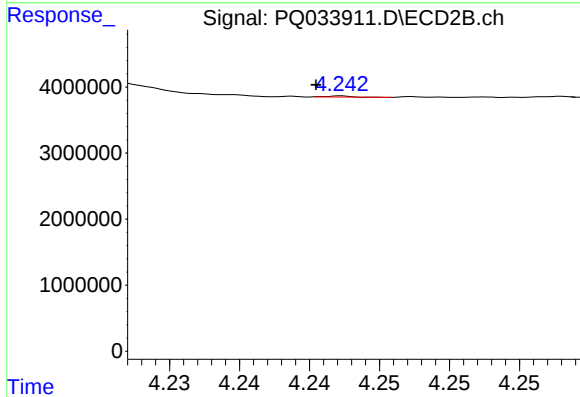
R.T.: 4.242 min
Delta R.T.: 0.002 min
Response: 19969
Conc: 0.44 ng/ml



#11 AR-1232-1

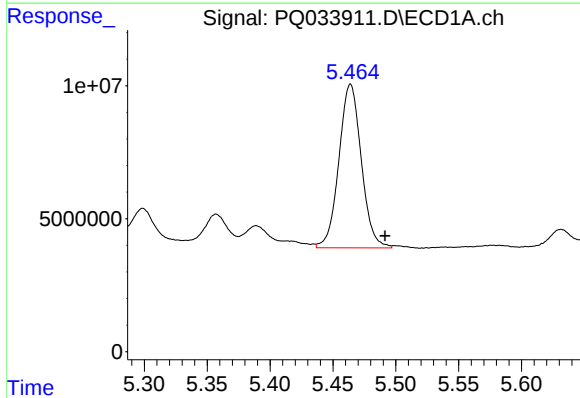
R.T.: 5.022 min
Delta R.T.: 0.065 min
Response: 447237
Conc: 10.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



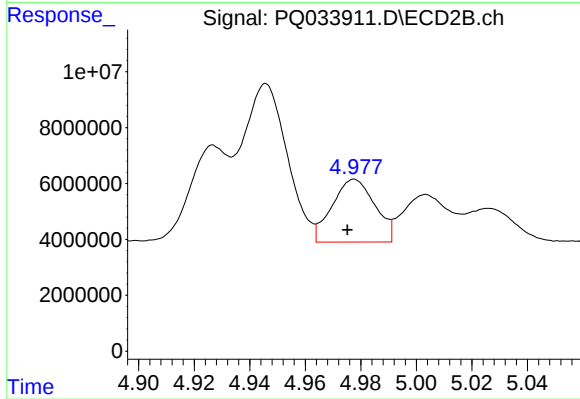
#11 AR-1232-1

R.T.: 4.242 min
Delta R.T.: 0.002 min
Response: 19969
Conc: 0.58 ng/ml



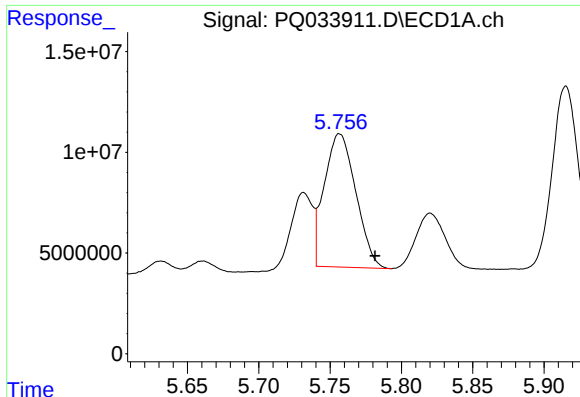
#12 AR-1232-2

R.T.: 5.464 min
Delta R.T.: -0.027 min
Response: 76254509
Conc: 3228.55 ng/ml



#12 AR-1232-2

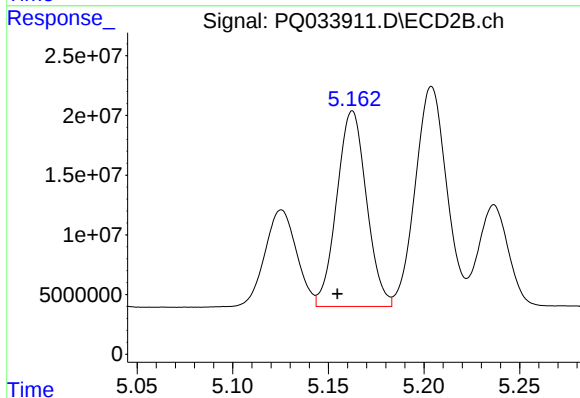
R.T.: 4.978 min
Delta R.T.: 0.003 min
Response: 24068480
Conc: 640.08 ng/ml



#13 AR-1232-3

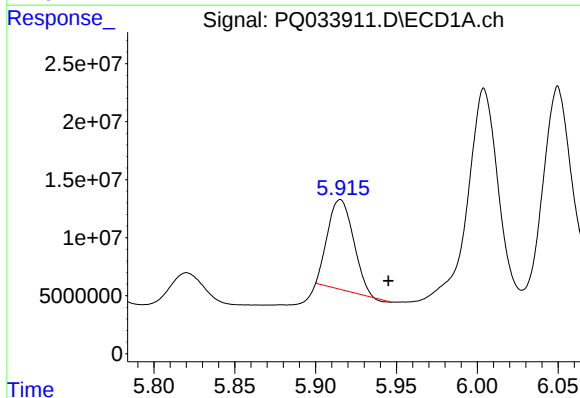
R.T.: 5.756 min
Delta R.T.: -0.025 min
Response: 101736856
Conc: 2127.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



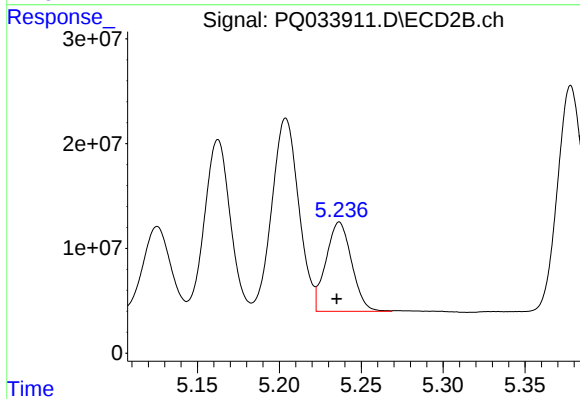
#13 AR-1232-3

R.T.: 5.163 min
Delta R.T.: 0.008 min
Response: 177116442
Conc: 9043.11 ng/ml



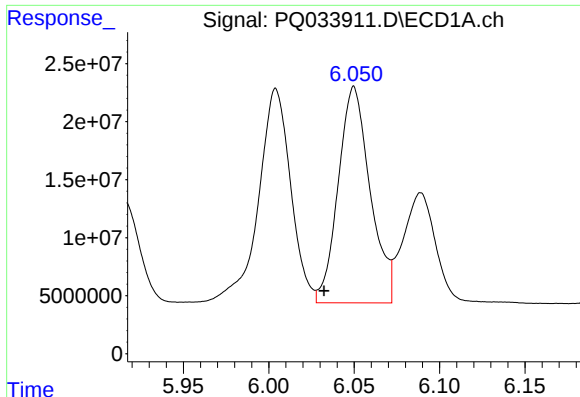
#14 AR-1232-4

R.T.: 5.915 min
Delta R.T.: -0.030 min
Response: 85491702
Conc: 3589.22 ng/ml



#14 AR-1232-4

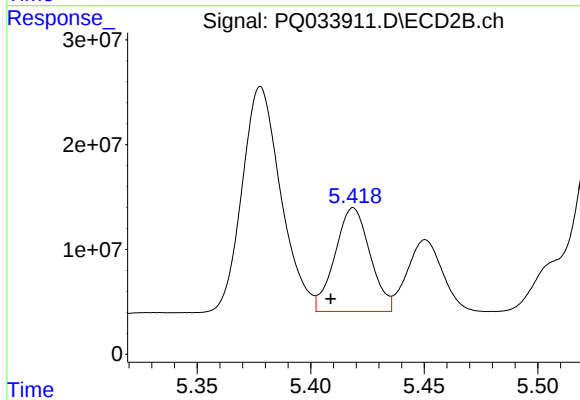
R.T.: 5.237 min
Delta R.T.: 0.002 min
Response: 93023506
Conc: 5419.93 ng/ml



#15 AR-1232-5

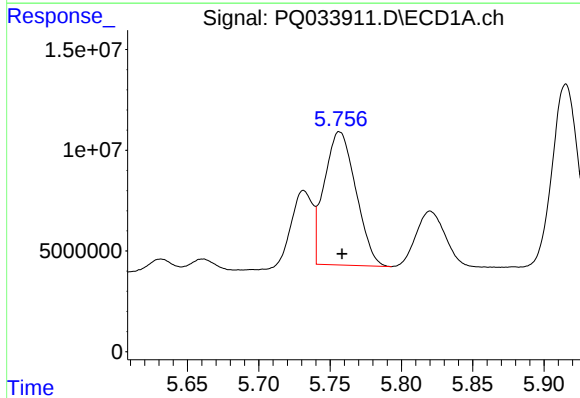
R.T.: 6.050 min
Delta R.T.: 0.018 min
Response: 242589816
Conc: 13602.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



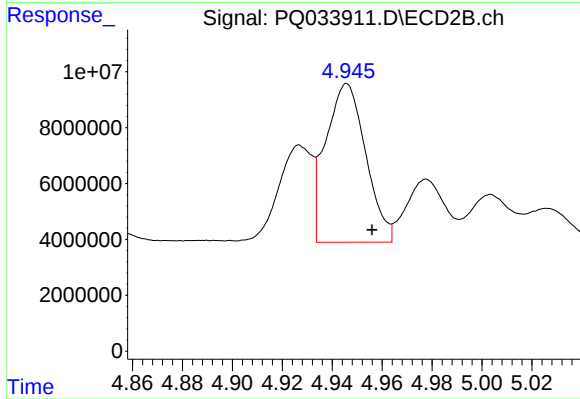
#15 AR-1232-5

R.T.: 5.419 min
Delta R.T.: 0.010 min
Response: 106323514
Conc: 5452.46 ng/ml



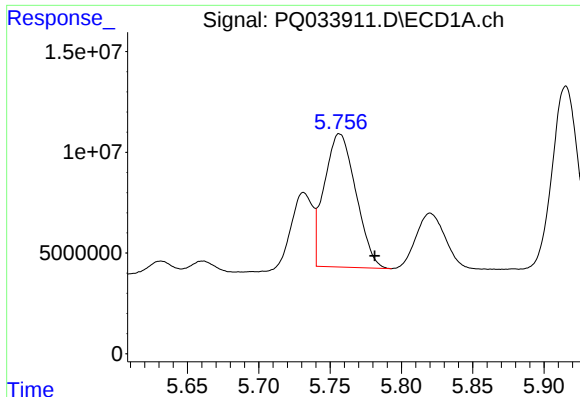
#16 AR-1242-1

R.T.: 5.756 min
Delta R.T.: -0.002 min
Response: 101736856
Conc: 1704.80 ng/ml



#16 AR-1242-1

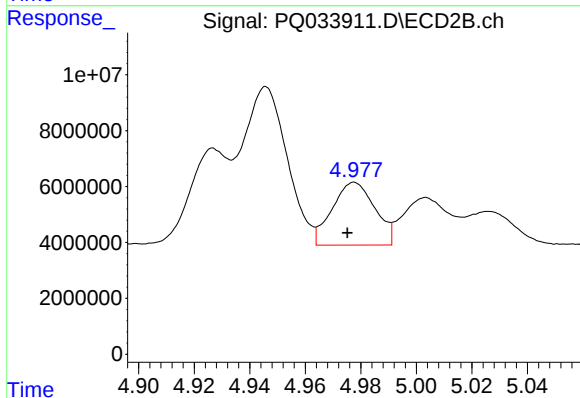
R.T.: 4.946 min
Delta R.T.: -0.010 min
Response: 63175436
Conc: 1298.35 ng/ml



#17 AR-1242-2

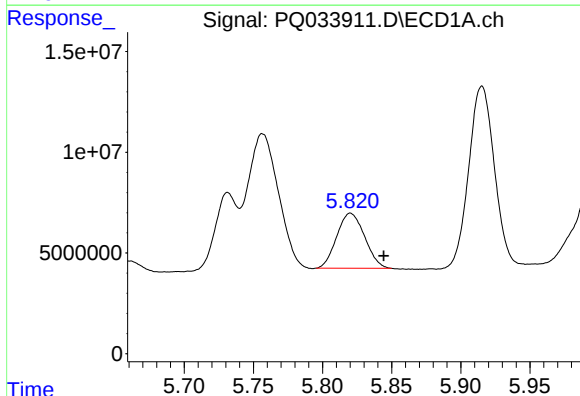
R.T.: 5.756 min
Delta R.T.: -0.025 min
Response: 101736856
Conc: 1171.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



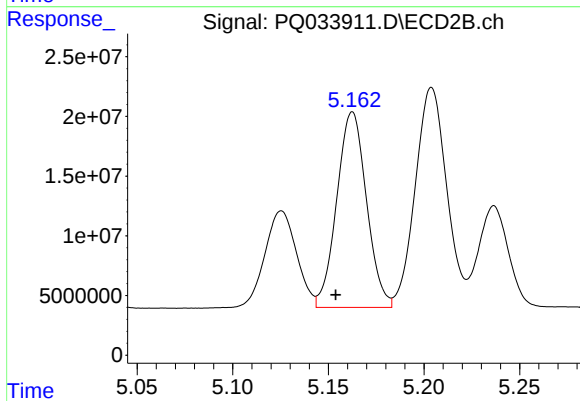
#17 AR-1242-2

R.T.: 4.978 min
Delta R.T.: 0.003 min
Response: 24068480
Conc: 356.57 ng/ml



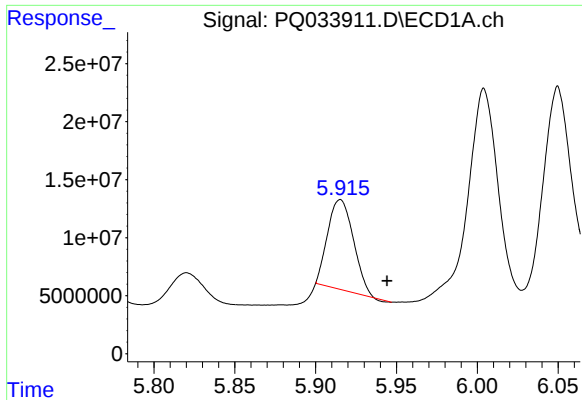
#18 AR-1242-3

R.T.: 5.820 min
Delta R.T.: -0.024 min
Response: 38412339
Conc: 734.62 ng/ml



#18 AR-1242-3

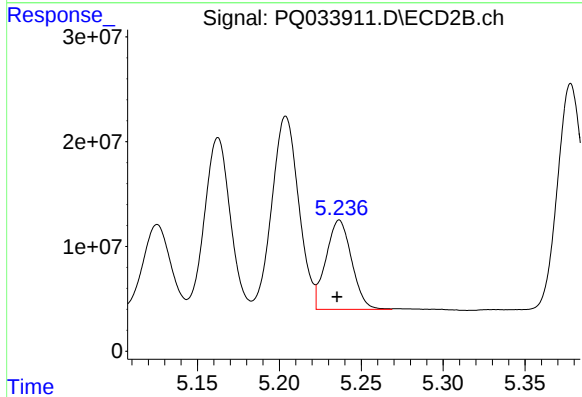
R.T.: 5.163 min
Delta R.T.: 0.009 min
Response: 177116442
Conc: 4835.20 ng/ml



#19 AR-1242-4

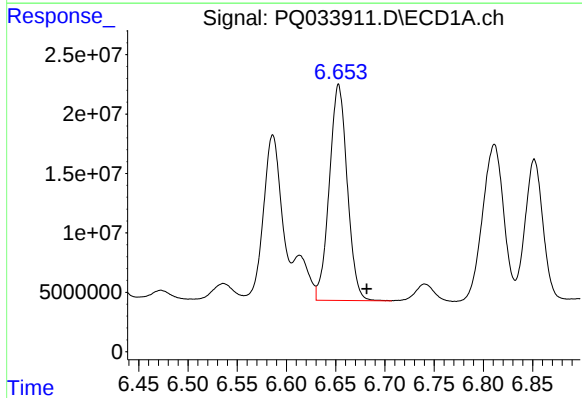
R.T.: 5.915 min
Delta R.T.: -0.029 min
Response: 85491702
Conc: 1982.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



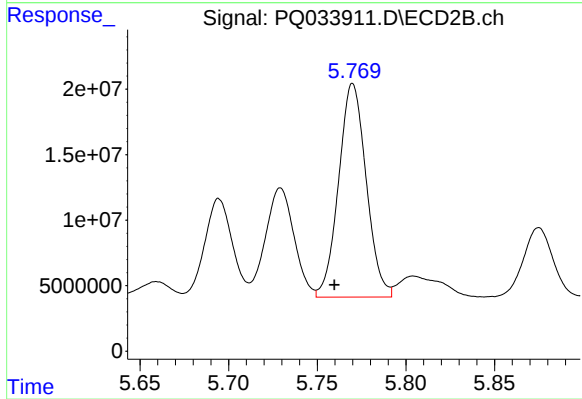
#19 AR-1242-4

R.T.: 5.237 min
Delta R.T.: 0.002 min
Response: 93023506
Conc: 2525.55 ng/ml



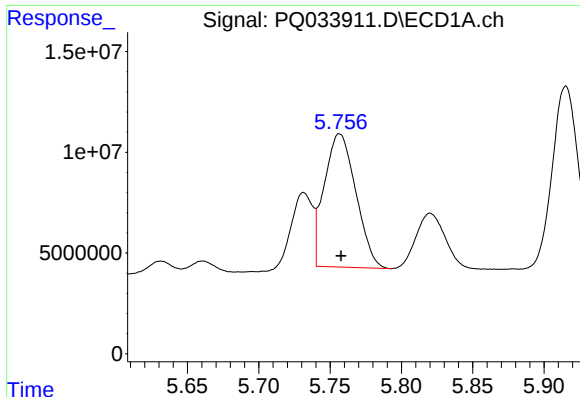
#20 AR-1242-5

R.T.: 6.653 min
Delta R.T.: -0.029 min
Response: 230829276
Conc: 4682.39 ng/ml



#20 AR-1242-5

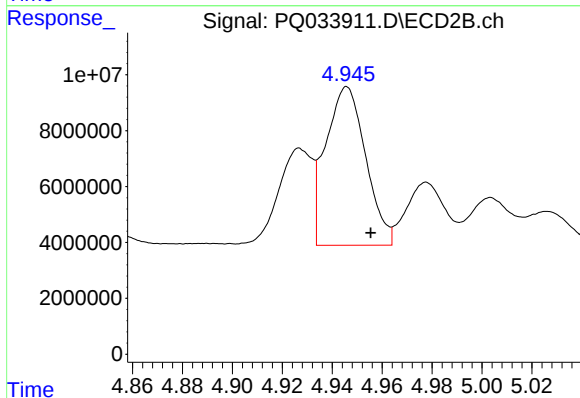
R.T.: 5.770 min
Delta R.T.: 0.010 min
Response: 176770595
Conc: 3679.69 ng/ml



#21 AR-1248-1

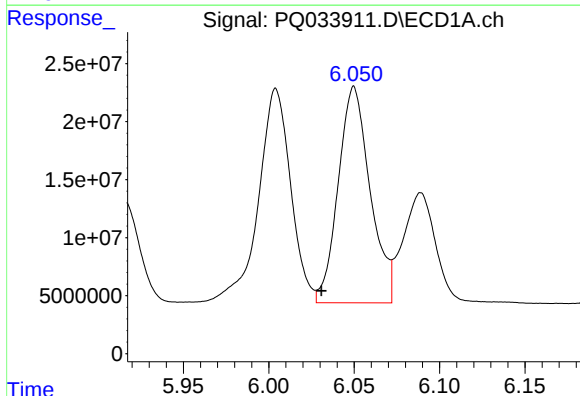
R.T.: 5.756 min
Delta R.T.: -0.001 min
Response: 101736856
Conc: 2051.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



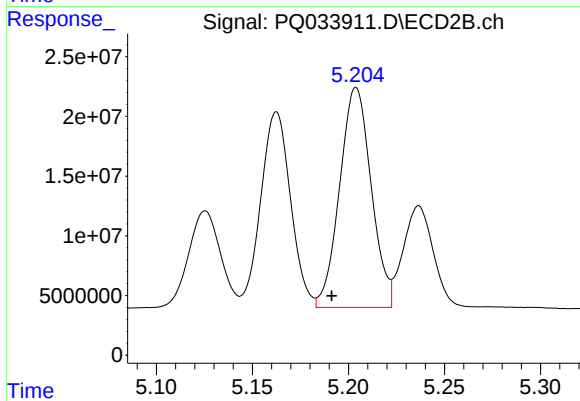
#21 AR-1248-1

R.T.: 4.946 min
Delta R.T.: -0.010 min
Response: 63175436
Conc: 1541.62 ng/ml



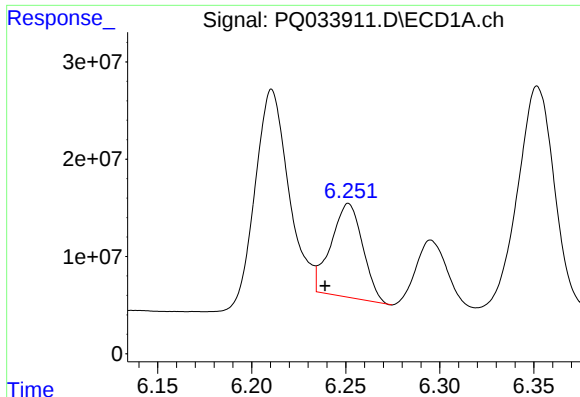
#22 AR-1248-2

R.T.: 6.050 min
Delta R.T.: 0.019 min
Response: 242589816
Conc: 3298.20 ng/ml



#22 AR-1248-2

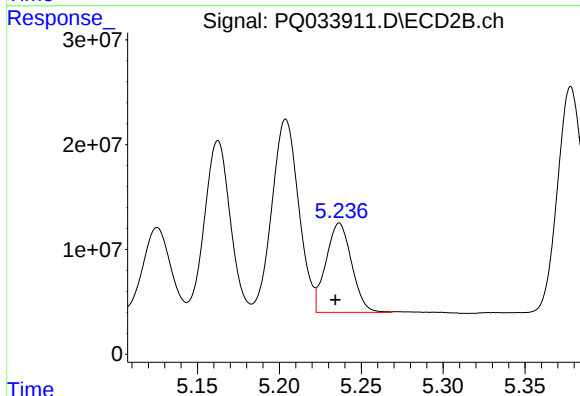
R.T.: 5.204 min
Delta R.T.: 0.013 min
Response: 210107765
Conc: 3824.35 ng/ml



#23 AR-1248-3

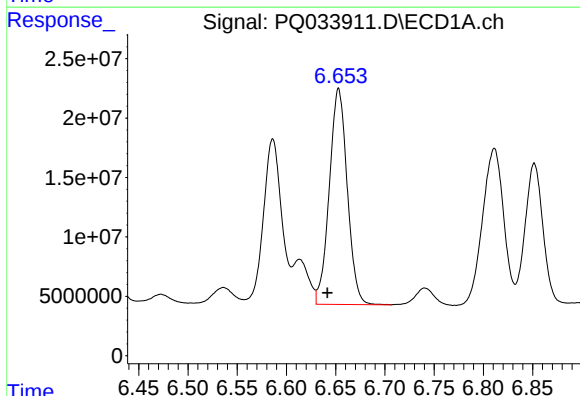
R.T.: 6.251 min
Delta R.T.: 0.013 min
Response: 113164007
Conc: 1384.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



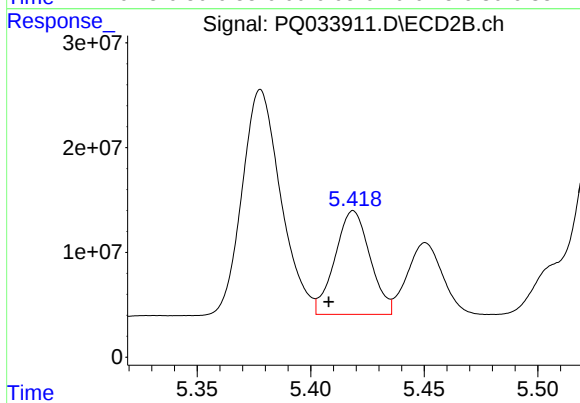
#23 AR-1248-3

R.T.: 5.237 min
Delta R.T.: 0.002 min
Response: 93023506
Conc: 1661.06 ng/ml



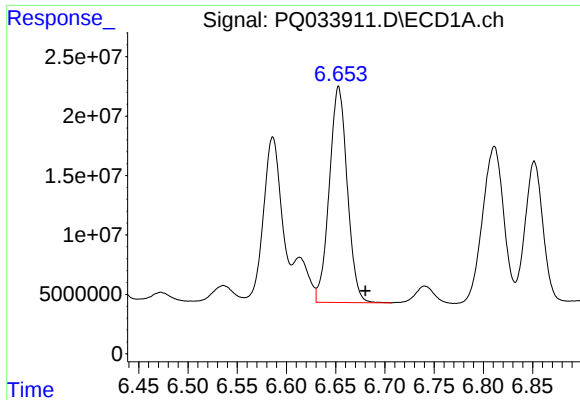
#24 AR-1248-4

R.T.: 6.653 min
Delta R.T.: 0.011 min
Response: 230829276
Conc: 2464.25 ng/ml



#24 AR-1248-4

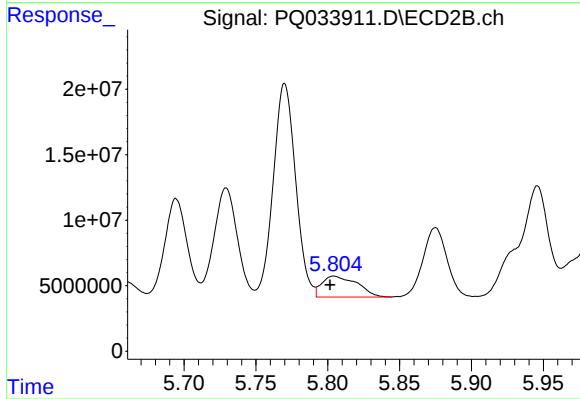
R.T.: 5.419 min
Delta R.T.: 0.011 min
Response: 106323514
Conc: 1541.61 ng/ml



#25 AR-1248-5

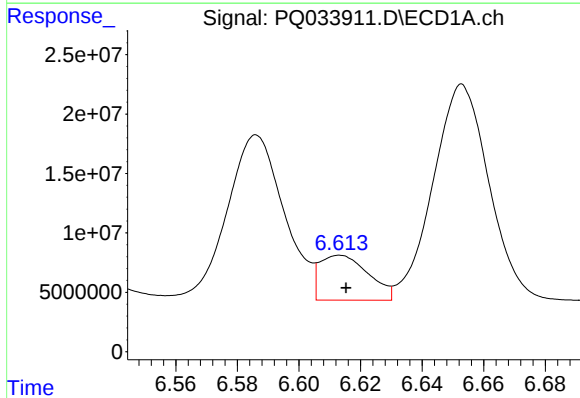
R.T.: 6.653 min
Delta R.T.: -0.027 min
Response: 230829276
Conc: 2599.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



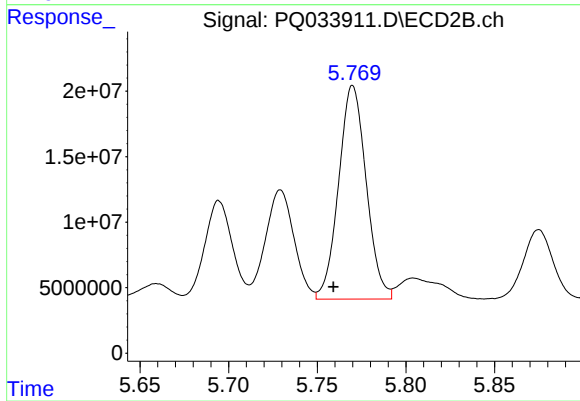
#25 AR-1248-5

R.T.: 5.804 min
Delta R.T.: 0.003 min
Response: 27253303
Conc: 394.25 ng/ml



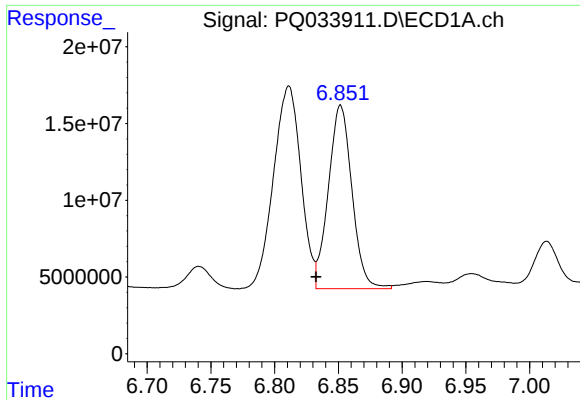
#26 AR-1254-1

R.T.: 6.613 min
Delta R.T.: -0.002 min
Response: 41402460
Conc: 417.78 ng/ml



#26 AR-1254-1

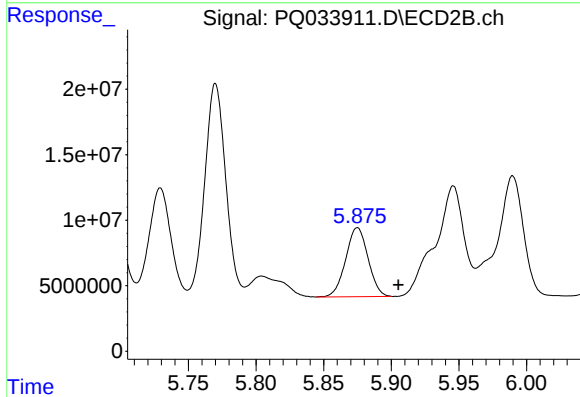
R.T.: 5.770 min
Delta R.T.: 0.011 min
Response: 176770595
Conc: 1569.05 ng/ml



#27 AR-1254-2

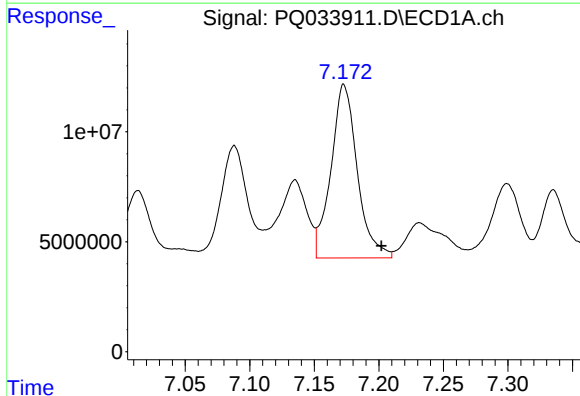
R.T.: 6.852 min
Delta R.T.: 0.019 min
Response: 153867780
Conc: 984.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



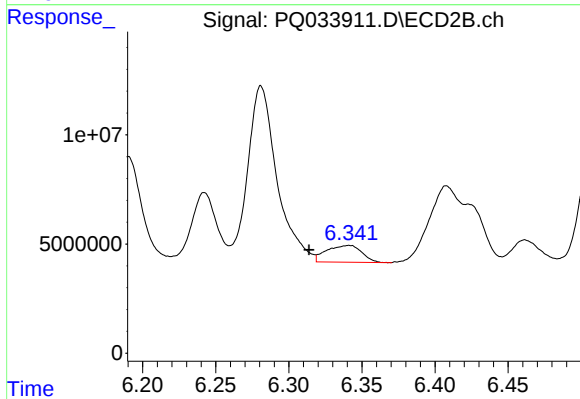
#27 AR-1254-2

R.T.: 5.875 min
Delta R.T.: -0.030 min
Response: 60509725
Conc: 612.79 ng/ml



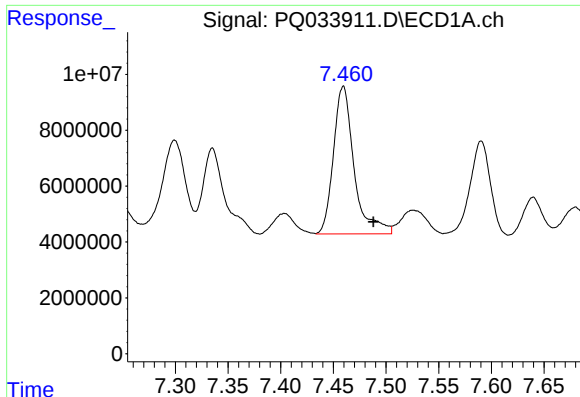
#28 AR-1254-3

R.T.: 7.173 min
Delta R.T.: -0.029 min
Response: 111981787
Conc: 659.94 ng/ml



#28 AR-1254-3

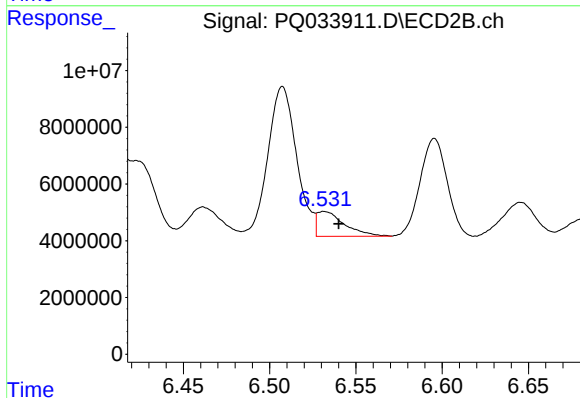
R.T.: 6.341 min
Delta R.T.: 0.028 min
Response: 12832385
Conc: 77.21 ng/ml



#29 AR-1254-4

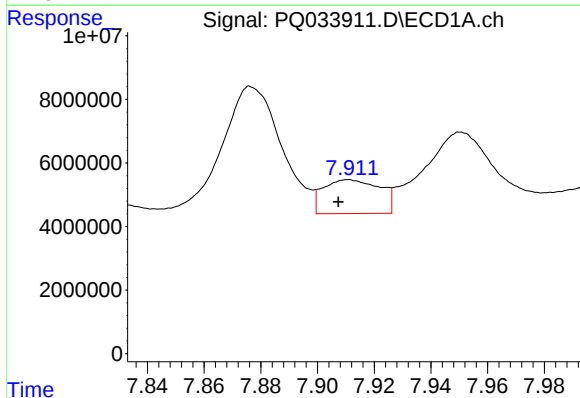
R.T.: 7.459 min
Delta R.T.: -0.029 min
Response: 72317765
Conc: 585.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



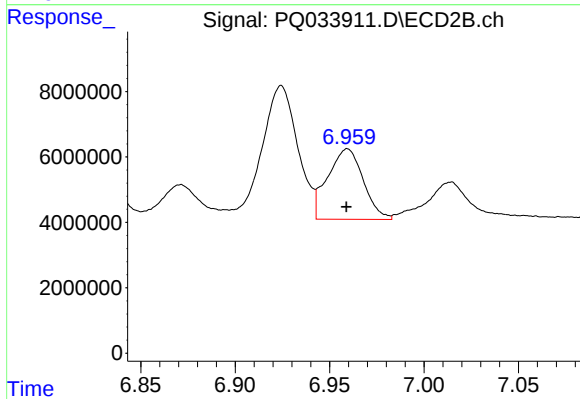
#29 AR-1254-4

R.T.: 6.532 min
Delta R.T.: -0.008 min
Response: 9749304
Conc: 91.63 ng/ml



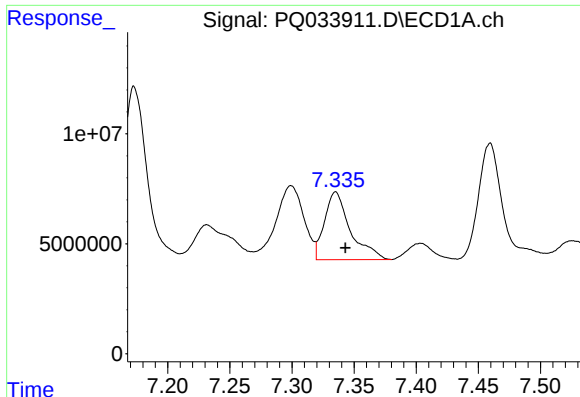
#30 AR-1254-5

R.T.: 7.911 min
Delta R.T.: 0.003 min
Response: 14704952
Conc: 111.08 ng/ml



#30 AR-1254-5

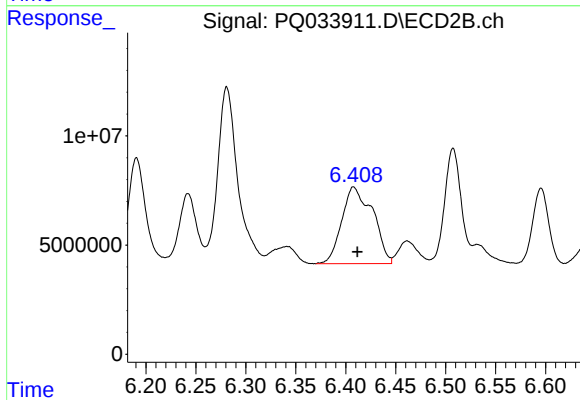
R.T.: 6.959 min
Delta R.T.: 0.000 min
Response: 28283672
Conc: 192.56 ng/ml



#31 AR-1260-1

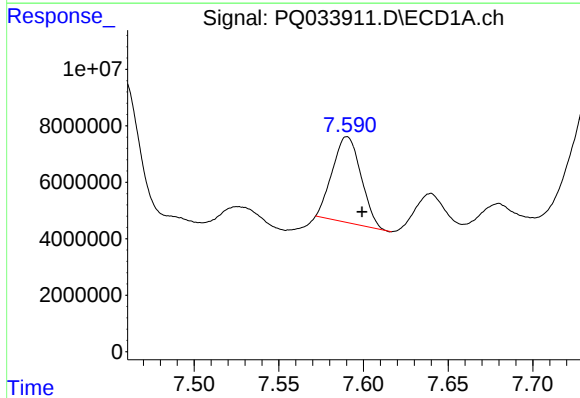
R.T.: 7.335 min
Delta R.T.: -0.008 min
Response: 44603987
Conc: 417.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



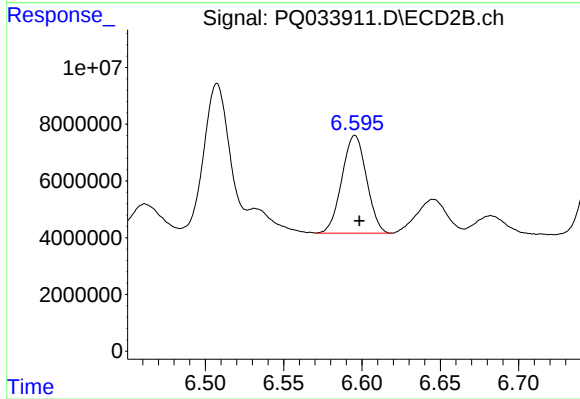
#31 AR-1260-1

R.T.: 6.408 min
Delta R.T.: -0.004 min
Response: 75706589
Conc: 806.04 ng/ml



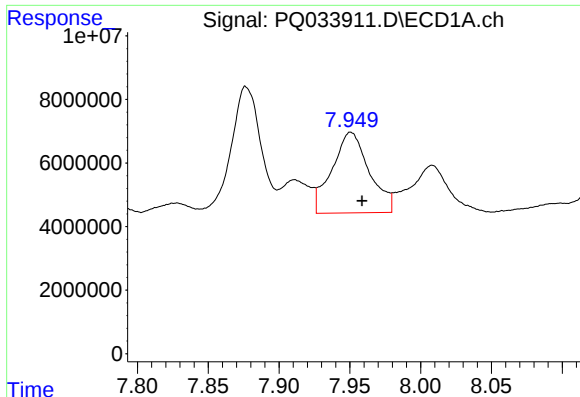
#32 AR-1260-2

R.T.: 7.590 min
Delta R.T.: -0.009 min
Response: 35752265
Conc: 283.13 ng/ml



#32 AR-1260-2

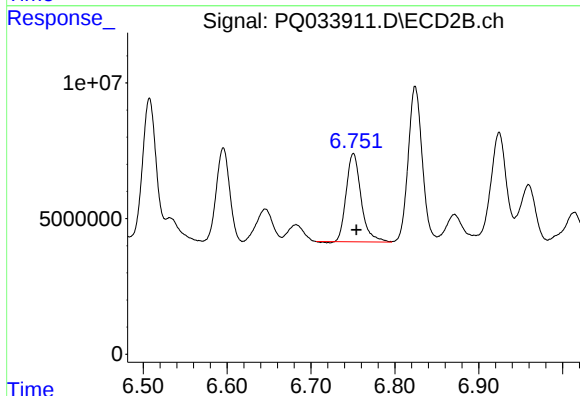
R.T.: 6.596 min
Delta R.T.: -0.003 min
Response: 37735256
Conc: 323.88 ng/ml



#33 AR-1260-3

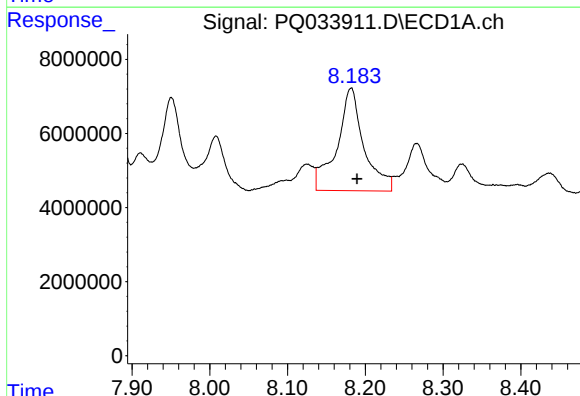
R.T.: 7.951 min
Delta R.T.: -0.008 min
Response: 46526535
Conc: 597.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



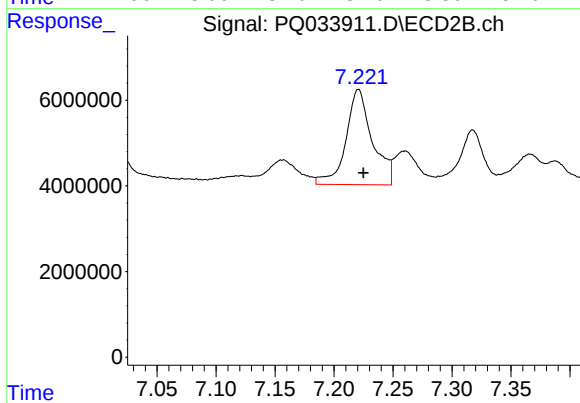
#33 AR-1260-3

R.T.: 6.751 min
Delta R.T.: -0.003 min
Response: 39938203
Conc: 370.34 ng/ml



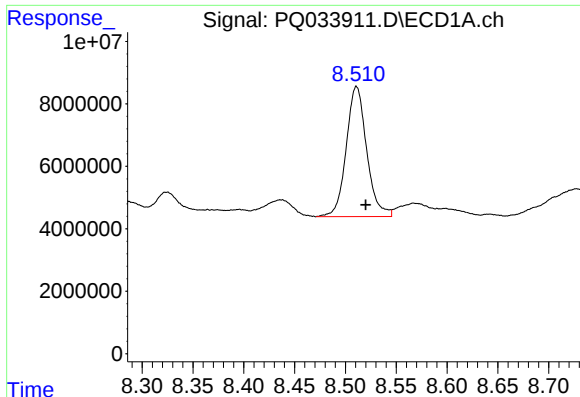
#34 AR-1260-4

R.T.: 8.182 min
Delta R.T.: -0.007 min
Response: 66899644
Conc: 660.89 ng/ml



#34 AR-1260-4

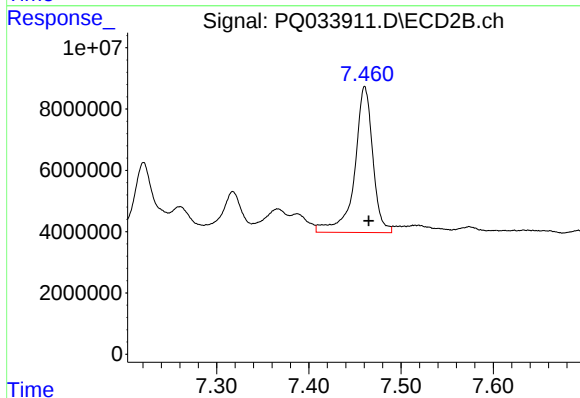
R.T.: 7.221 min
Delta R.T.: -0.004 min
Response: 34644179
Conc: 450.69 ng/ml



#35 AR-1260-5

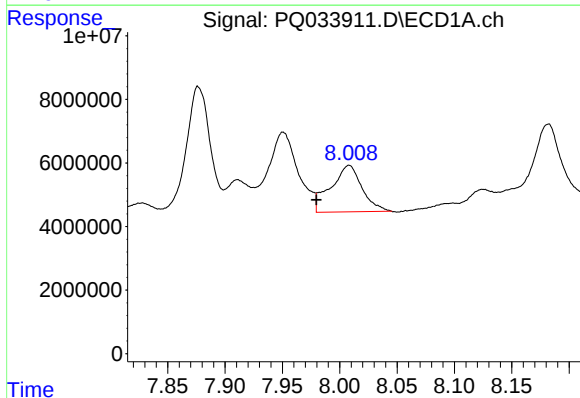
R.T.: 8.511 min
Delta R.T.: -0.009 min
Response: 58344776
Conc: 308.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



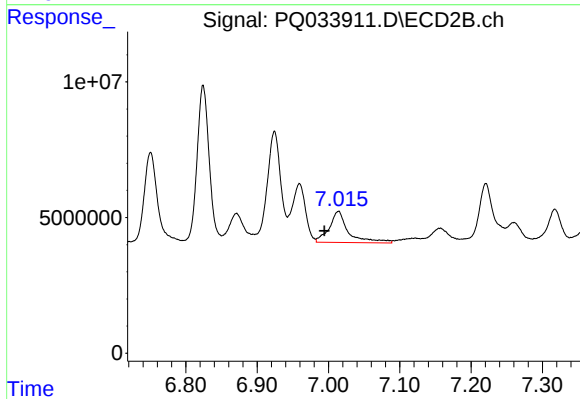
#35 AR-1260-5

R.T.: 7.461 min
Delta R.T.: -0.004 min
Response: 65570202
Conc: 341.30 ng/ml



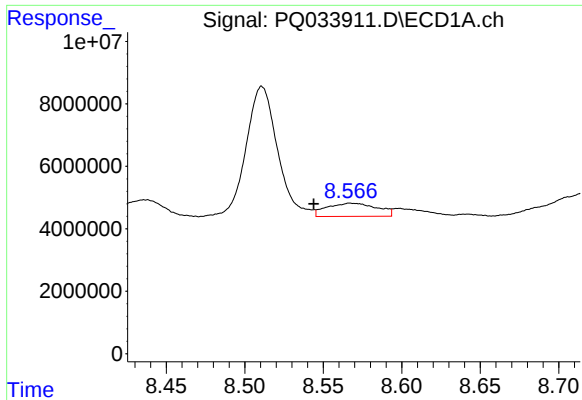
#36 AR-1262-1

R.T.: 8.008 min
Delta R.T.: 0.029 min
Response: 27618008
Conc: 204.90 ng/ml



#36 AR-1262-1

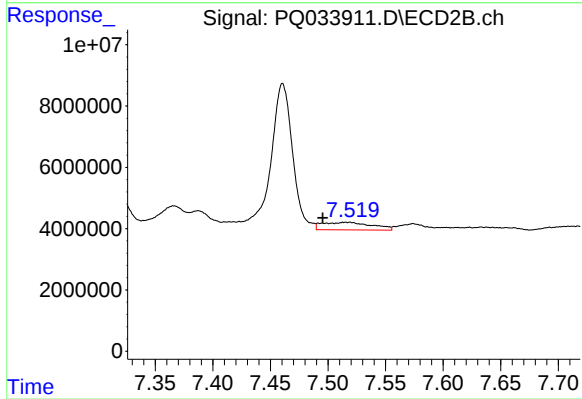
R.T.: 7.014 min
Delta R.T.: 0.020 min
Response: 21613452
Conc: 168.18 ng/ml



#37 AR-1262-2

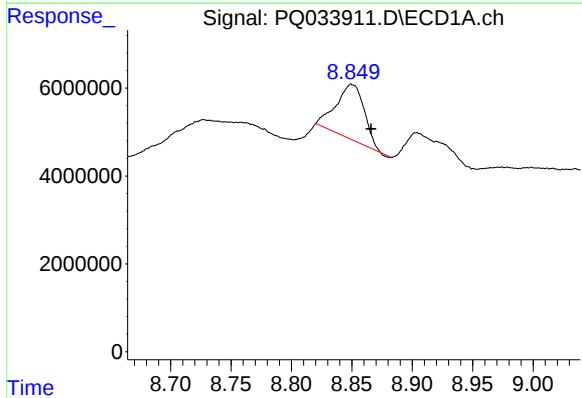
R.T.: 8.567 min
Delta R.T.: 0.023 min
Response: 9344662
Conc: 37.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



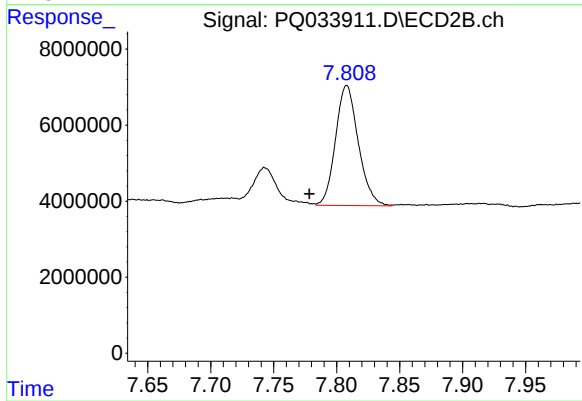
#37 AR-1262-2

R.T.: 7.518 min
Delta R.T.: 0.023 min
Response: 7533594
Conc: 31.45 ng/ml



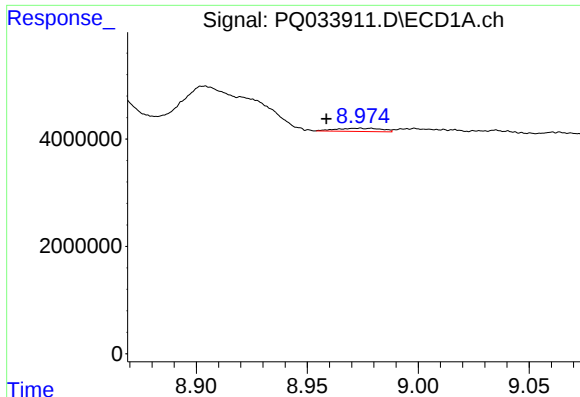
#38 AR-1262-3

R.T.: 8.850 min
Delta R.T.: -0.016 min
Response: 20295767
Conc: 122.70 ng/ml



#38 AR-1262-3

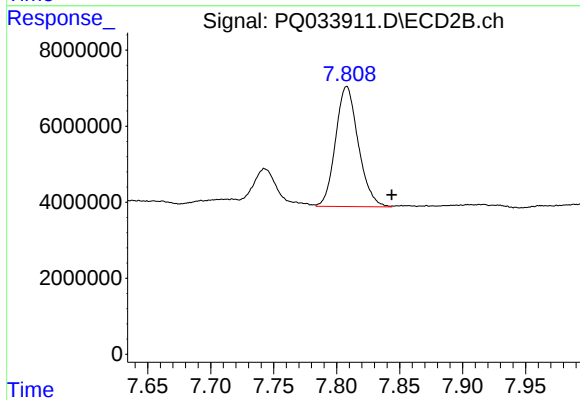
R.T.: 7.808 min
Delta R.T.: 0.030 min
Response: 39734863
Conc: 426.58 ng/ml



#39 AR-1262-4

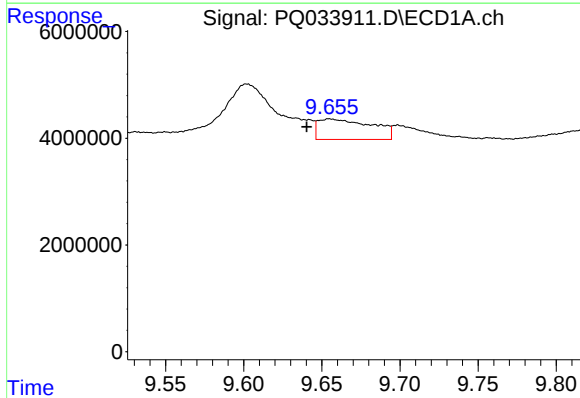
R.T.: 8.979 min
Delta R.T.: 0.020 min
Response: 833110
Conc: 12.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



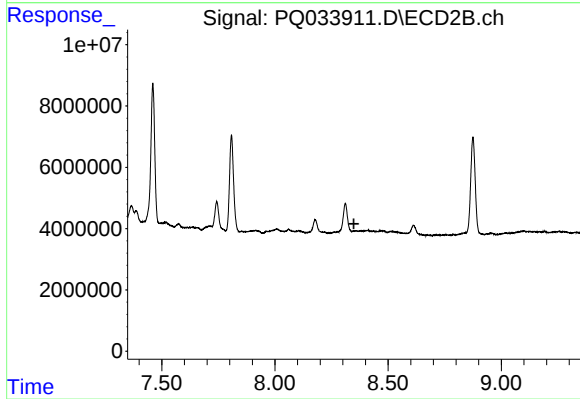
#39 AR-1262-4

R.T.: 7.808 min
Delta R.T.: -0.036 min
Response: 39734863
Conc: 228.24 ng/ml



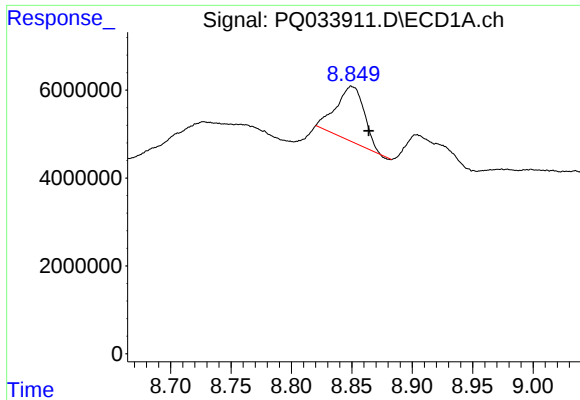
#40 AR-1262-5

R.T.: 9.655 min
Delta R.T.: 0.015 min
Response: 9197441
Conc: 105.13 ng/ml



#40 AR-1262-5

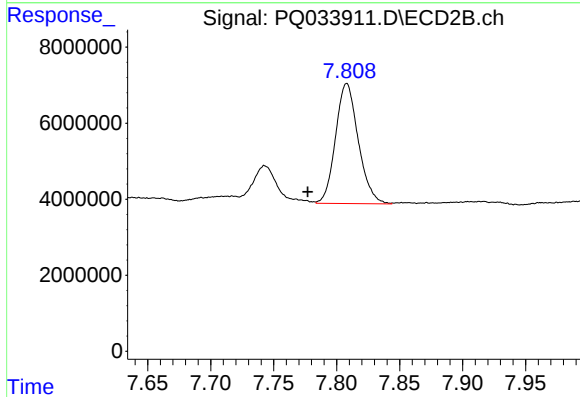
R.T.: 8.359 min
Delta R.T.: 0.010 min
Response: -3252304
Conc: N.D.



#41 AR-1268-1

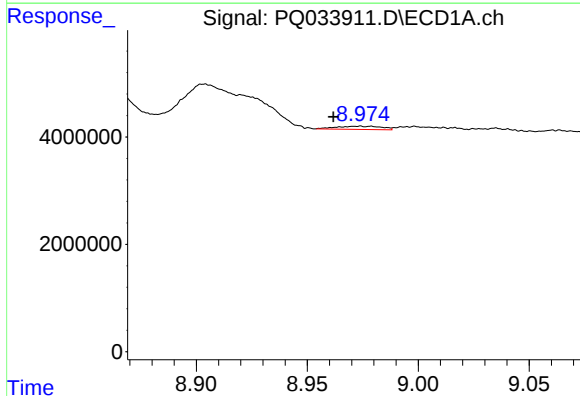
R.T.: 8.850 min
Delta R.T.: -0.014 min
Response: 20295767
Conc: 55.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



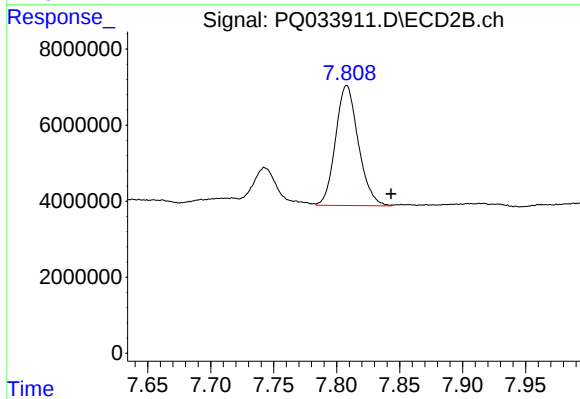
#41 AR-1268-1

R.T.: 7.808 min
Delta R.T.: 0.031 min
Response: 39734863
Conc: 116.22 ng/ml



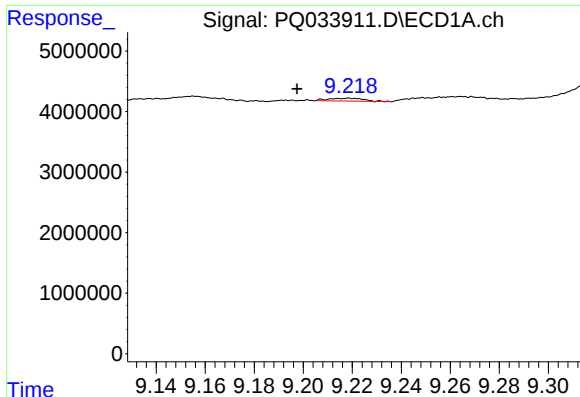
#42 AR-1268-2

R.T.: 8.979 min
Delta R.T.: 0.017 min
Response: 833110
Conc: 2.50 ng/ml



#42 AR-1268-2

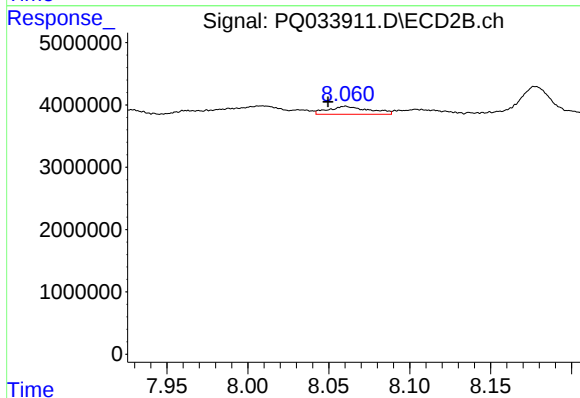
R.T.: 7.808 min
Delta R.T.: -0.035 min
Response: 39734863
Conc: 128.58 ng/ml



#43 AR-1268-3

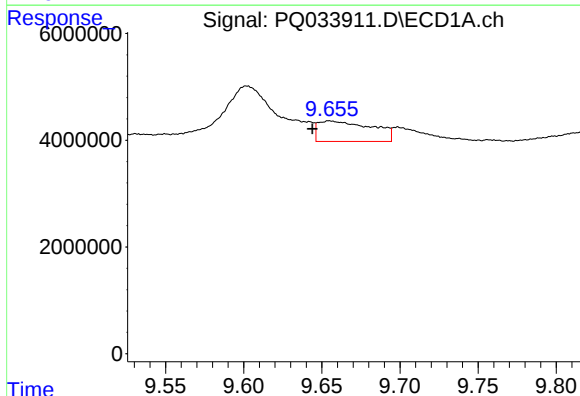
R.T.: 9.219 min
Delta R.T.: 0.021 min
Response: 478086
Conc: 1.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



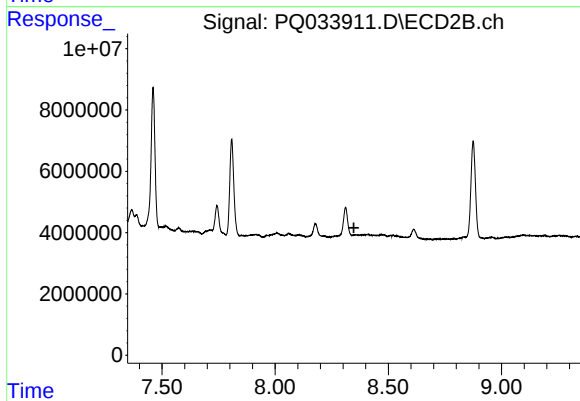
#43 AR-1268-3

R.T.: 8.060 min
Delta R.T.: 0.011 min
Response: 2228119
Conc: 8.71 ng/ml



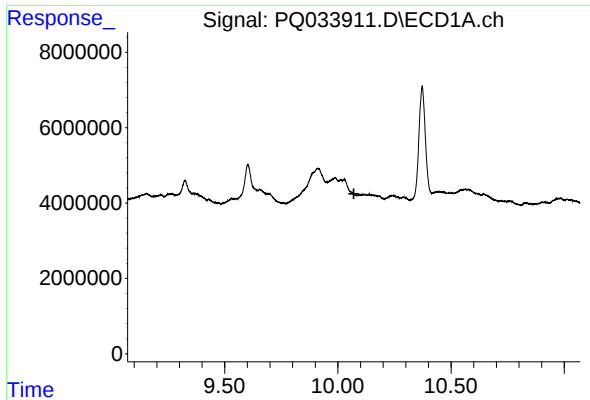
#44 AR-1268-4

R.T.: 9.655 min
Delta R.T.: 0.011 min
Response: 9197441
Conc: 76.13 ng/ml



#44 AR-1268-4

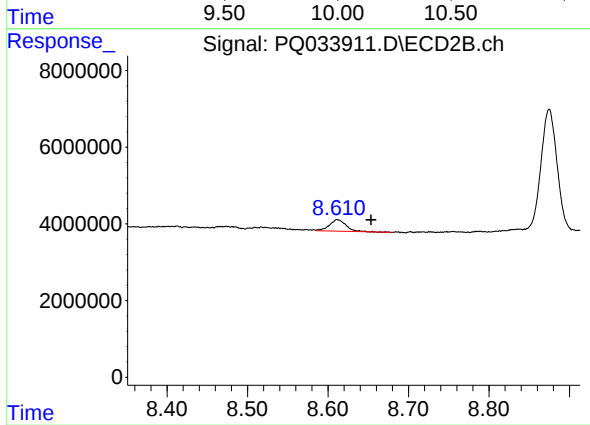
R.T.: 8.359 min
Delta R.T.: 0.011 min
Response: -3252304
Conc: N.D.



#45 AR-1268-5

R.T.: 10.028 min
Delta R.T.: -0.043 min
Response: -126926
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.612 min
Delta R.T.: -0.042 min
Response: 4285460
Conc: 5.12 ng/ml