

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092518\
 Data File : PQ032172.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Sep 2018 09:13
 Operator : SM\SJ
 Sample : AR1248CCC400
 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: Sep 26 05:29:20 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ092018CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 21 05:45:25 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...	4.597	3.874	37314999	33972711	17.644	19.451
2)	SA Decachlor...	10.451	8.950	75116610	67027729	35.720	36.148
Target Compounds							
3)	L1 AR-1016-1	5.774	4.972	15742082	13880721	211.453	211.316
4)	L1 AR-1016-2	5.797	4.992	19633885	14228596	174.632	152.123
5)	L1 AR-1016-3	5.860	5.171	9694145	9396410	144.072	193.594 #
6)	L1 AR-1016-4	5.959	5.209	11121495	19413190	202.504	525.532 #
7)	L1 AR-1016-5	6.255	5.425	27411071	24519936	478.283	480.240
8)	L2 AR-1221-1	4.803	4.056	378693	6710	18.788	0.372 #
9)	L2 AR-1221-2	4.902	4.180	692269	819077	47.412	66.184 #
10)	L2 AR-1221-3	4.972	4.254	2181472	1741774	42.542	39.317
11)	L3 AR-1232-1	4.972	4.254	2181472	1741774	61.293	56.388
12)	L3 AR-1232-2	5.506	4.992	7218533	14228596	390.518	430.147
13)	L3 AR-1232-3	5.797	5.171	19633885	9396410	510.725	561.829
14)	L3 AR-1232-4	5.959	5.252	11121495	19850157	613.797	1332.674 #
15)	L3 AR-1232-5	6.047	5.425	23476470	24519936	1674.193	1533.063
16)	L4 AR-1242-1	5.774	4.972	15742082	13880721	310.614	304.691
17)	L4 AR-1242-2	5.797	4.992	19633885	14228596	256.898	223.876
18)	L4 AR-1242-3	5.860	5.171	9694145	9396410	206.906	275.660 #
19)	L4 AR-1242-4	5.959	5.252	11121495	19850157	296.915	589.161 #
20)	L4 AR-1242-5	6.697	5.778	28074449	34832755	645.481	787.876
21)	L5 AR-1248-1	5.774	4.972	15742082	13880721	334.145	337.538
22)	L5 AR-1248-2	6.047	5.209	23476470	19413190	341.912	345.782
23)	L5 AR-1248-3	6.255	5.252	27411071	19850157	351.230	344.377
24)	L5 AR-1248-4	6.658	5.425	29666202	24519936	325.609	344.455
25)	L5 AR-1248-5	6.697	5.820	28074449	23196447	325.297	326.570
26)	L6 AR-1254-1	6.631	5.778	22525609	34832755	229.425	291.956 #
27)	L6 AR-1254-2	6.856	5.925	31317366	10205779	202.238	97.434 #
28)	L6 AR-1254-3	7.220	6.332	17697722	16946532	104.986	95.295
29)	L6 AR-1254-4	7.504	6.559	12090845	11787346	96.679	103.579
30)	L6 AR-1254-5	7.924	6.978	3448871	2986197	24.986	19.236
31)	L7 AR-1260-1	7.382	6.480	1855876	8746433	14.962	78.192 #
32)	L7 AR-1260-2	7.634	6.647	3181037	2029050	21.663	14.926 #
33)	L7 AR-1260-3	7.991	6.804	641160	1968925	6.074	15.676 #
34)	L7 AR-1260-4	8.222	7.277	1738728	1336311	14.297	13.115
35)	L7 AR-1260-5	8.561	7.516	1113090	1652568	4.605	6.692 #
36)	L8 AR-1262-1	7.991	7.010	641160	538049	4.523	3.858
37)	L8 AR-1262-2	8.561	7.516	1113090	1652568	4.270	6.301 #
38)	L8 AR-1262-3	8.886	7.801	811416	411220	4.664	4.210
39)	L8 AR-1262-4	8.980	7.864	195435	1468260	1.504	7.837 #
41)	L9 AR-1268-1	8.886	7.801	811416	411220	2.336	1.229 #
42)	L9 AR-1268-2	8.980	7.864	195435	1468260	0.619	4.877 #

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 Acq On : 25 Sep 2018 09:13
 Operator : SM\SJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

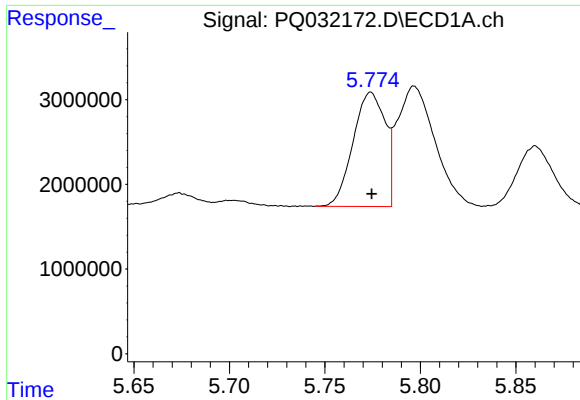
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 26 05:29:20 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ092018CLP.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
43) L9	AR-1268-3	9.219	8.073	471735	315761	1.766	1.268 #
45) L9	AR-1268-5	10.099	8.676	1570742	772634	1.828	0.974 #

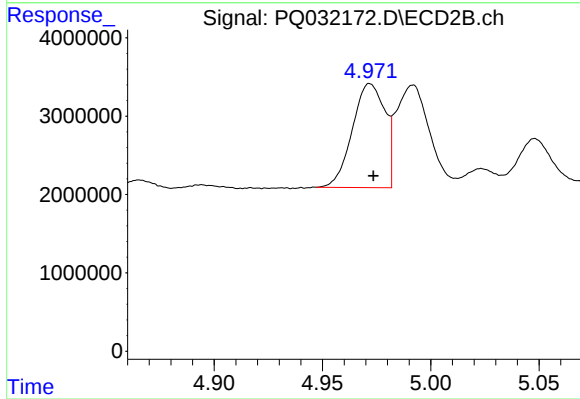
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

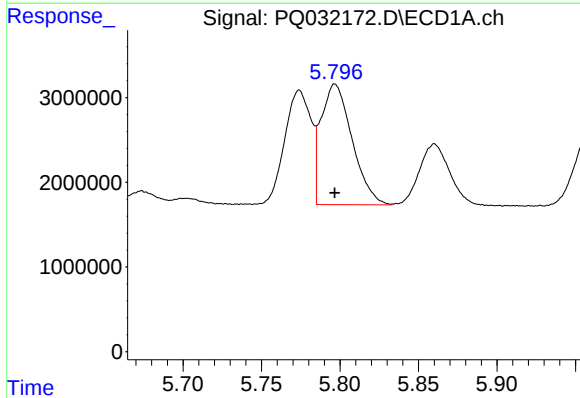
R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 15742082
Conc: 211.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



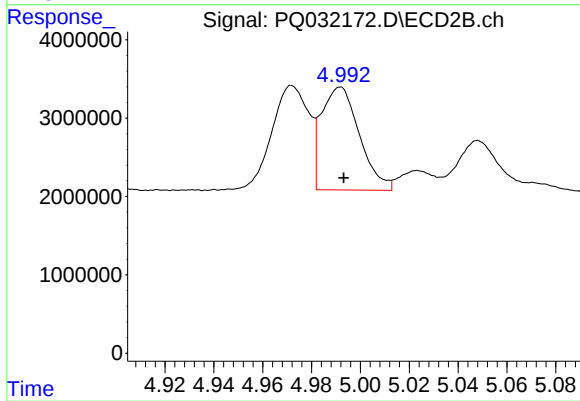
#3 AR-1016-1

R.T.: 4.972 min
Delta R.T.: -0.001 min
Response: 13880721
Conc: 211.32 ng/ml



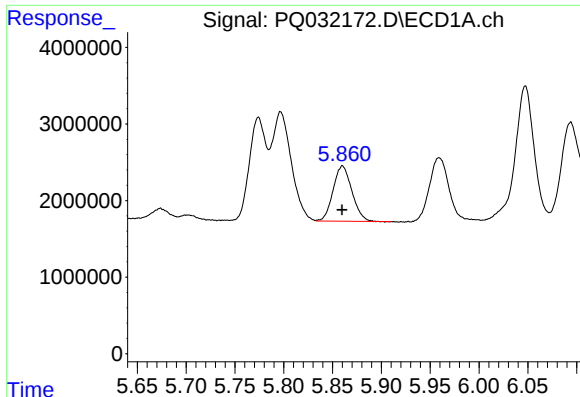
#4 AR-1016-2

R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 19633885
Conc: 174.63 ng/ml



#4 AR-1016-2

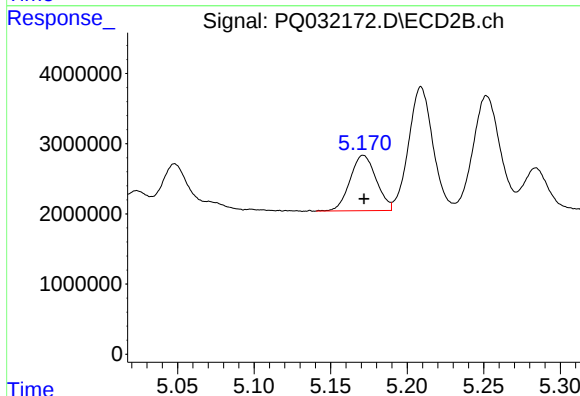
R.T.: 4.992 min
Delta R.T.: -0.001 min
Response: 14228596
Conc: 152.12 ng/ml



#5 AR-1016-3

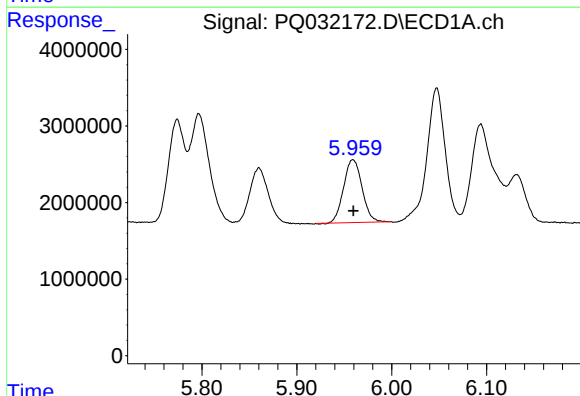
R.T.: 5.860 min
Delta R.T.: 0.000 min
Response: 9694145
Conc: 144.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



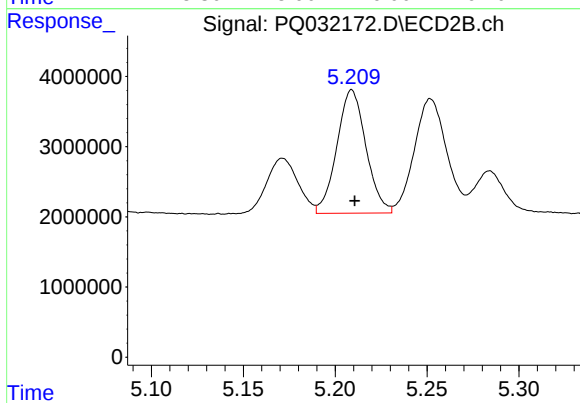
#5 AR-1016-3

R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 9396410
Conc: 193.59 ng/ml



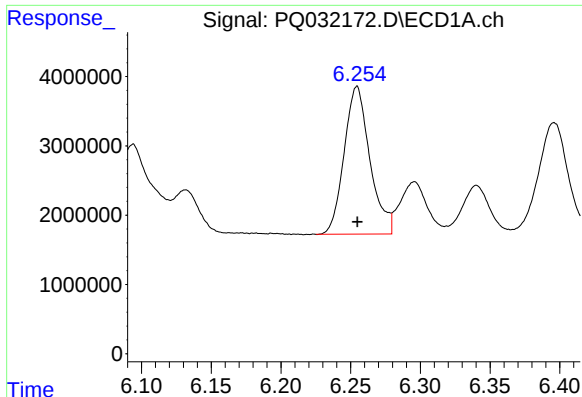
#6 AR-1016-4

R.T.: 5.959 min
Delta R.T.: 0.000 min
Response: 11121495
Conc: 202.50 ng/ml



#6 AR-1016-4

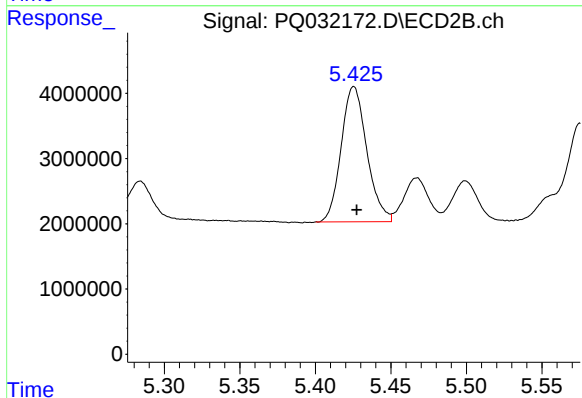
R.T.: 5.209 min
Delta R.T.: -0.002 min
Response: 19413190
Conc: 525.53 ng/ml



#7 AR-1016-5

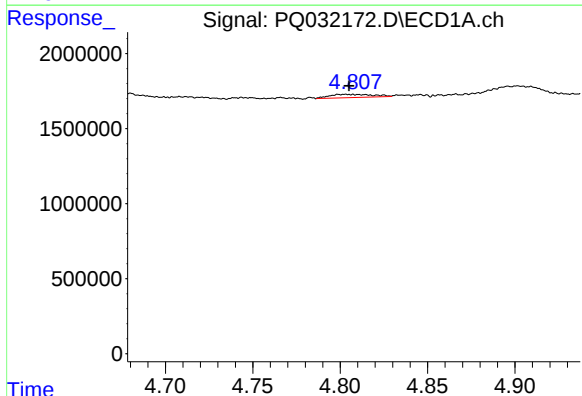
R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 27411071
Conc: 478.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



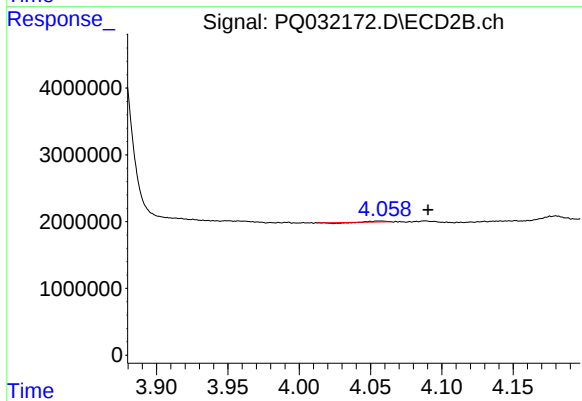
#7 AR-1016-5

R.T.: 5.425 min
Delta R.T.: -0.002 min
Response: 24519936
Conc: 480.24 ng/ml



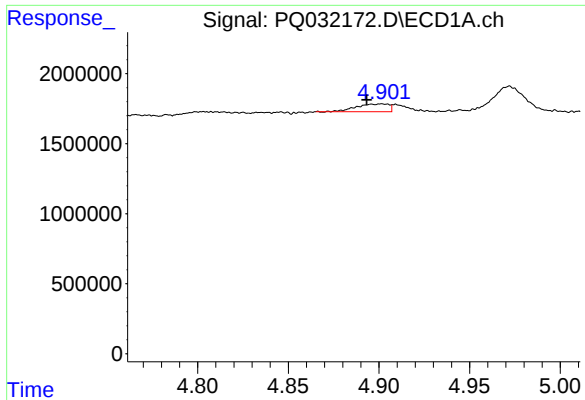
#8 AR-1221-1

R.T.: 4.803 min
Delta R.T.: -0.002 min
Response: 378693
Conc: 18.79 ng/ml



#8 AR-1221-1

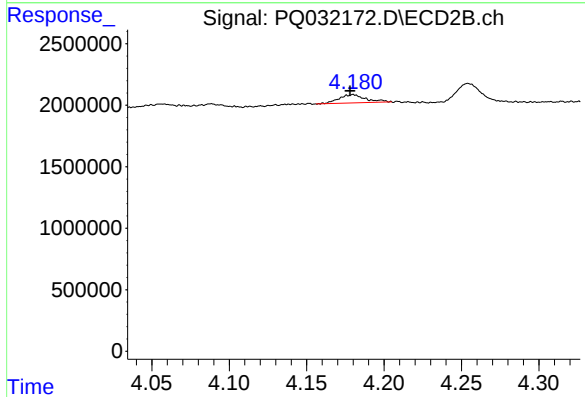
R.T.: 4.056 min
Delta R.T.: -0.034 min
Response: 6710
Conc: 0.37 ng/ml



#9 AR-1221-2

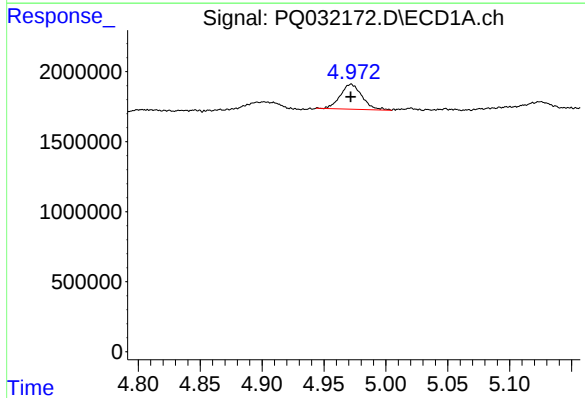
R.T.: 4.902 min
Delta R.T.: 0.008 min
Response: 692269
Conc: 47.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



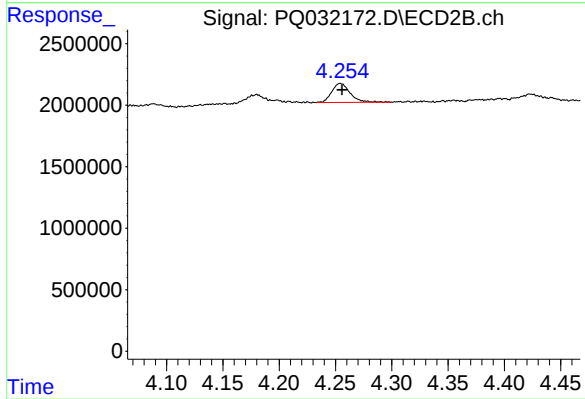
#9 AR-1221-2

R.T.: 4.180 min
Delta R.T.: 0.002 min
Response: 819077
Conc: 66.18 ng/ml



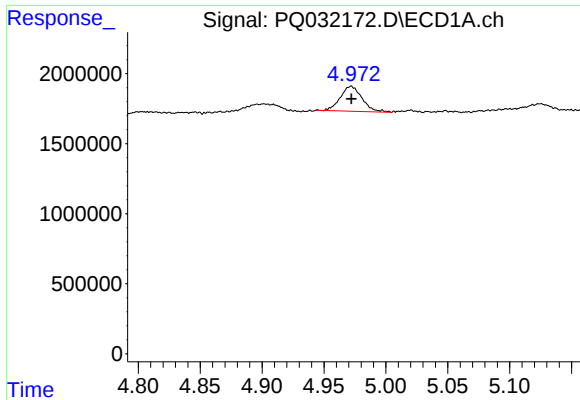
#10 AR-1221-3

R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 2181472
Conc: 42.54 ng/ml



#10 AR-1221-3

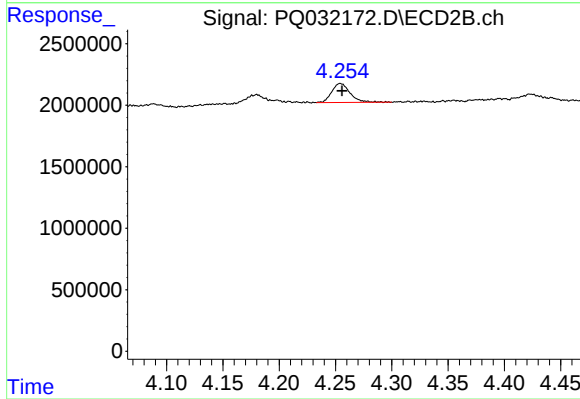
R.T.: 4.254 min
Delta R.T.: -0.002 min
Response: 1741774
Conc: 39.32 ng/ml



#11 AR-1232-1

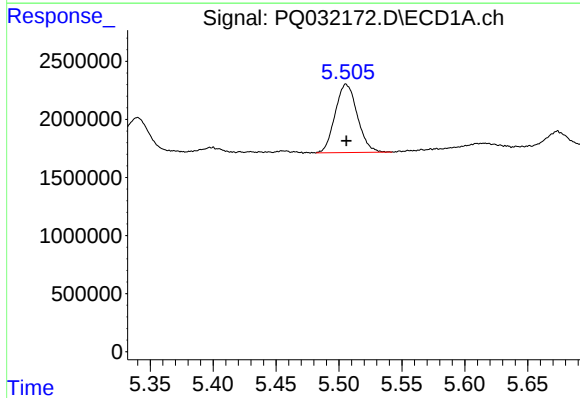
R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 2181472
Conc: 61.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



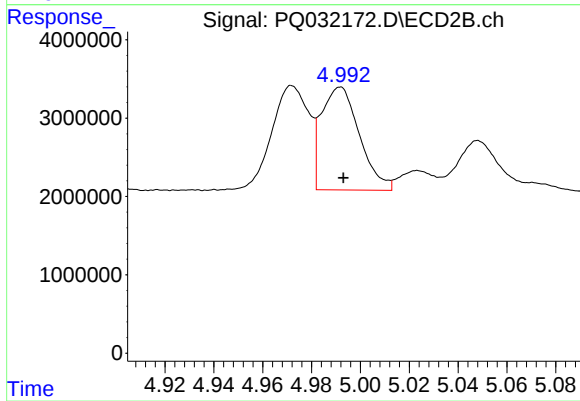
#11 AR-1232-1

R.T.: 4.254 min
Delta R.T.: -0.001 min
Response: 1741774
Conc: 56.39 ng/ml



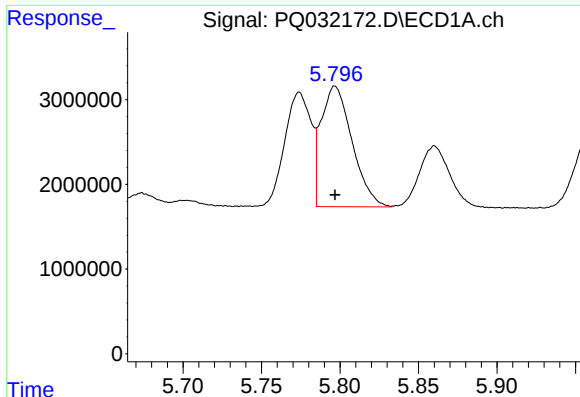
#12 AR-1232-2

R.T.: 5.506 min
Delta R.T.: 0.000 min
Response: 7218533
Conc: 390.52 ng/ml



#12 AR-1232-2

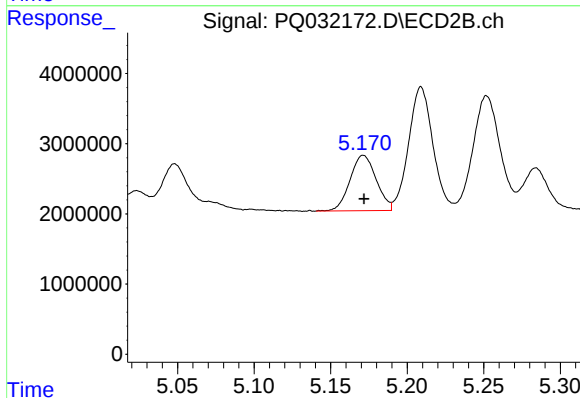
R.T.: 4.992 min
Delta R.T.: -0.001 min
Response: 14228596
Conc: 430.15 ng/ml



#13 AR-1232-3

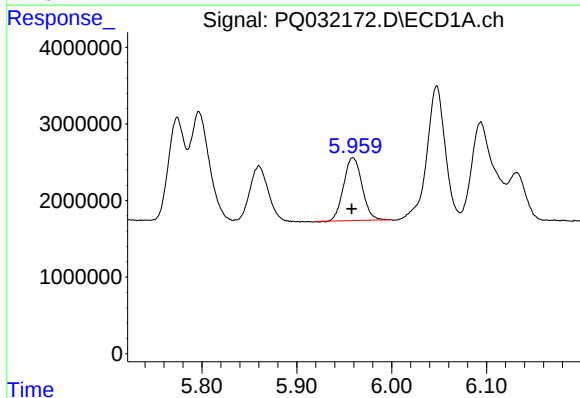
R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 19633885
Conc: 510.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



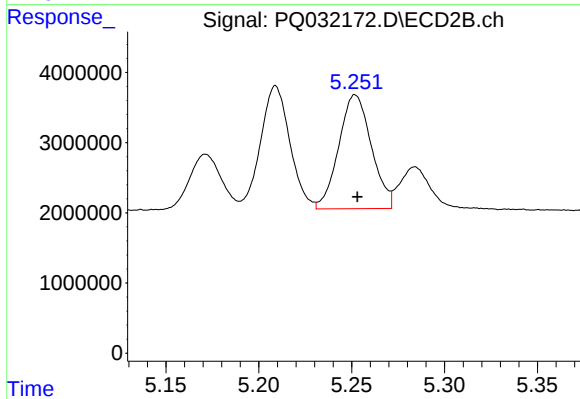
#13 AR-1232-3

R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 9396410
Conc: 561.83 ng/ml



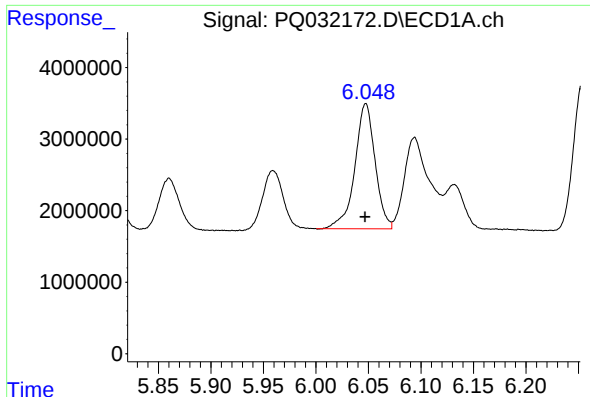
#14 AR-1232-4

R.T.: 5.959 min
Delta R.T.: 0.001 min
Response: 11121495
Conc: 613.80 ng/ml



#14 AR-1232-4

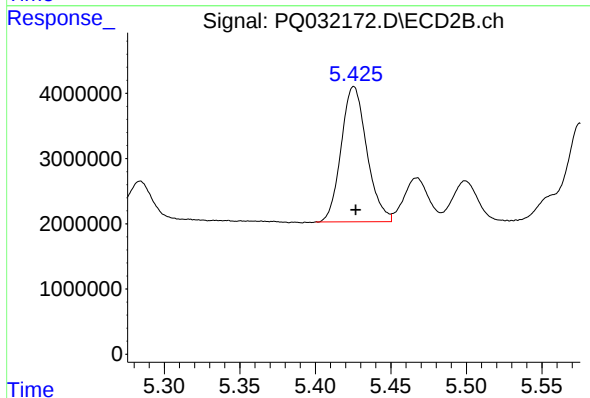
R.T.: 5.252 min
Delta R.T.: -0.001 min
Response: 19850157
Conc: 1332.67 ng/ml



#15 AR-1232-5

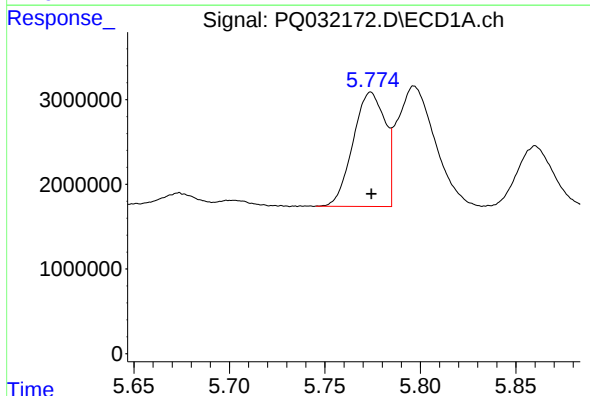
R.T.: 6.047 min
Delta R.T.: 0.000 min
Response: 23476470
Conc: 1674.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



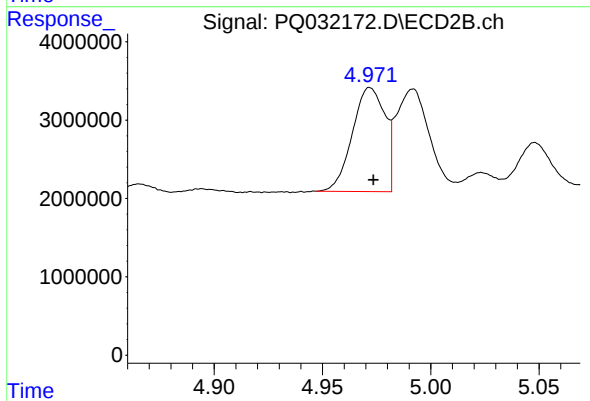
#15 AR-1232-5

R.T.: 5.425 min
Delta R.T.: -0.001 min
Response: 24519936
Conc: 1533.06 ng/ml



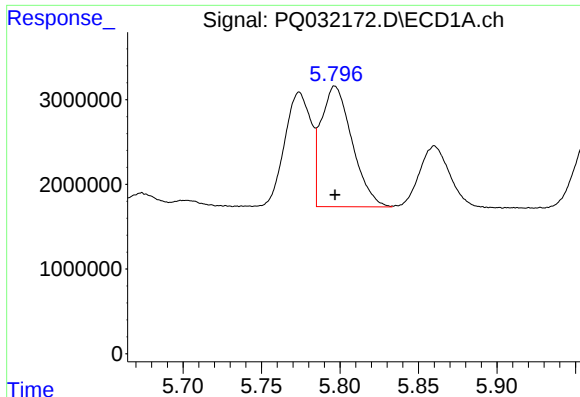
#16 AR-1242-1

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 15742082
Conc: 310.61 ng/ml



#16 AR-1242-1

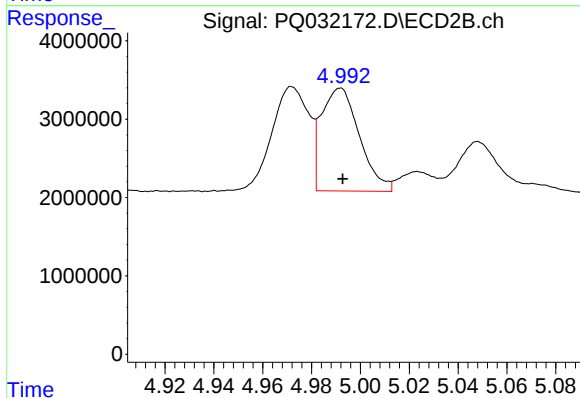
R.T.: 4.972 min
Delta R.T.: -0.002 min
Response: 13880721
Conc: 304.69 ng/ml



#17 AR-1242-2

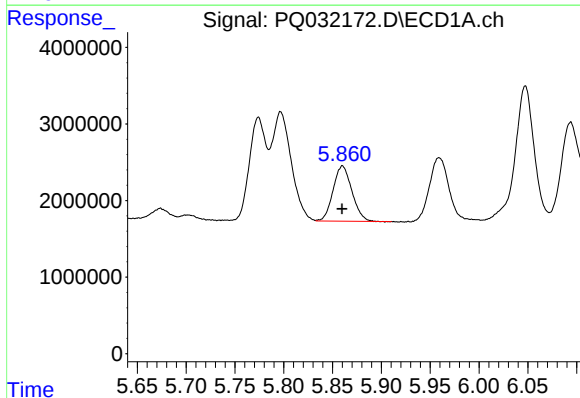
R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 19633885
Conc: 256.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



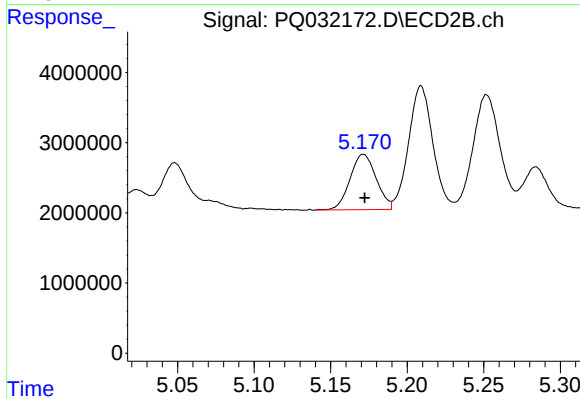
#17 AR-1242-2

R.T.: 4.992 min
Delta R.T.: -0.001 min
Response: 14228596
Conc: 223.88 ng/ml



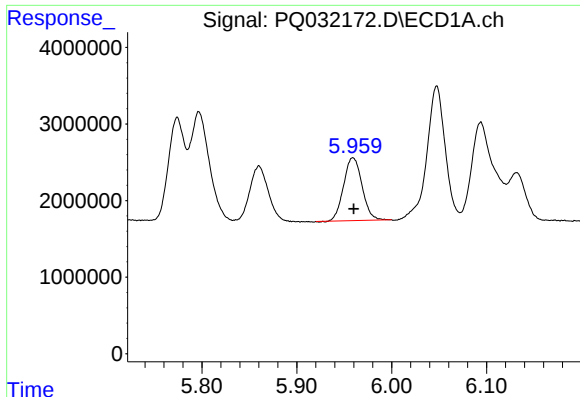
#18 AR-1242-3

R.T.: 5.860 min
Delta R.T.: 0.000 min
Response: 9694145
Conc: 206.91 ng/ml



#18 AR-1242-3

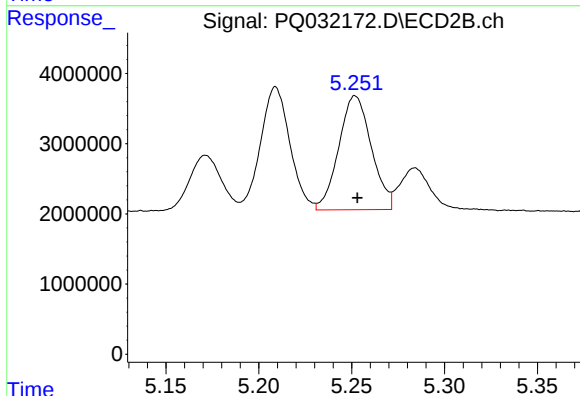
R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 9396410
Conc: 275.66 ng/ml



#19 AR-1242-4

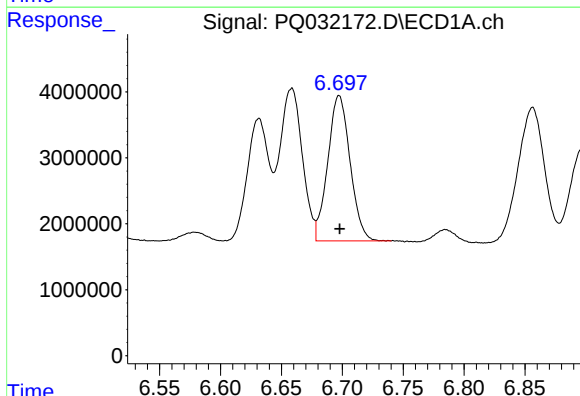
R.T.: 5.959 min
Delta R.T.: -0.001 min
Response: 11121495
Conc: 296.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



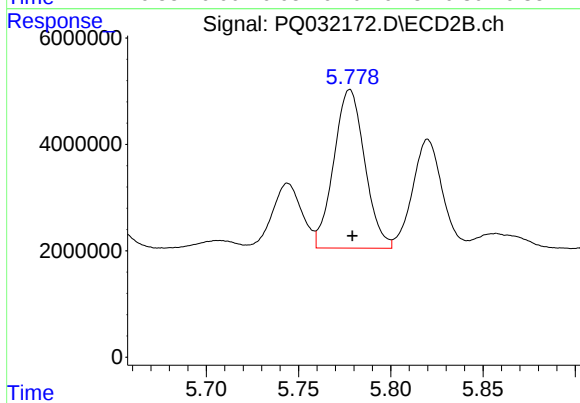
#19 AR-1242-4

R.T.: 5.252 min
Delta R.T.: -0.001 min
Response: 19850157
Conc: 589.16 ng/ml



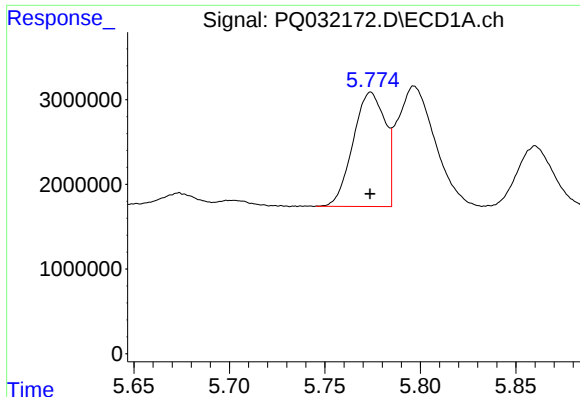
#20 AR-1242-5

R.T.: 6.697 min
Delta R.T.: 0.000 min
Response: 28074449
Conc: 645.48 ng/ml



#20 AR-1242-5

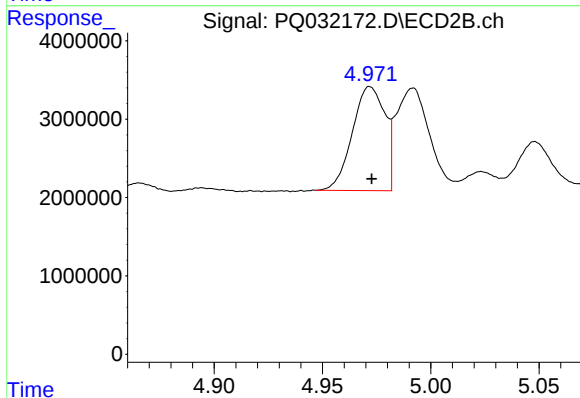
R.T.: 5.778 min
Delta R.T.: -0.001 min
Response: 34832755
Conc: 787.88 ng/ml



#21 AR-1248-1

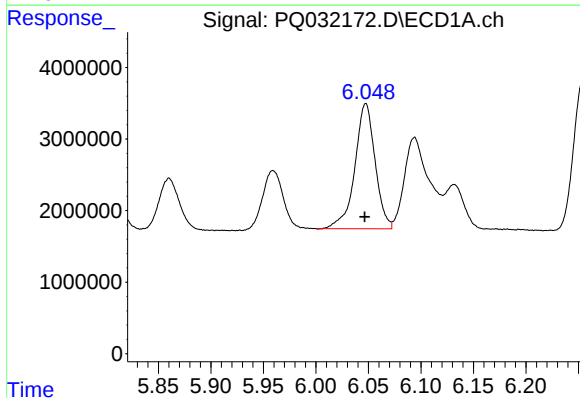
R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 15742082
Conc: 334.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



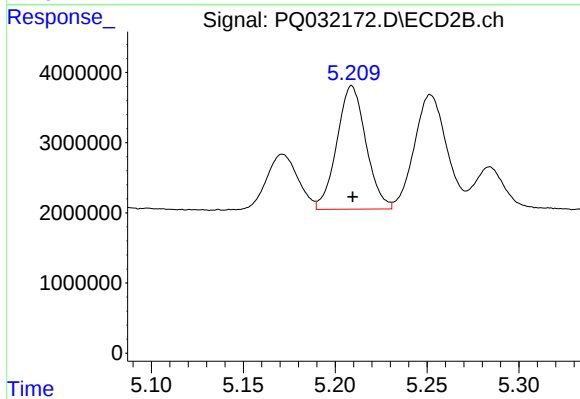
#21 AR-1248-1

R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 13880721
Conc: 337.54 ng/ml



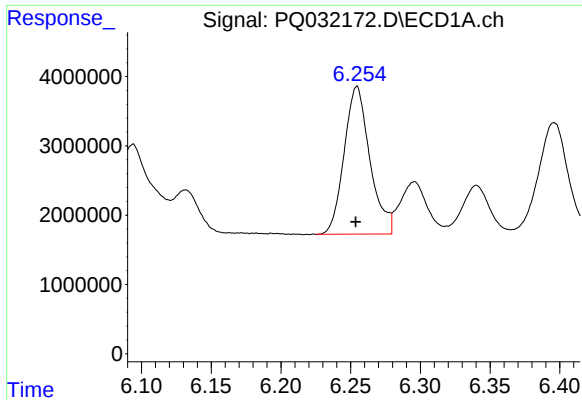
#22 AR-1248-2

R.T.: 6.047 min
Delta R.T.: 0.001 min
Response: 23476470
Conc: 341.91 ng/ml



#22 AR-1248-2

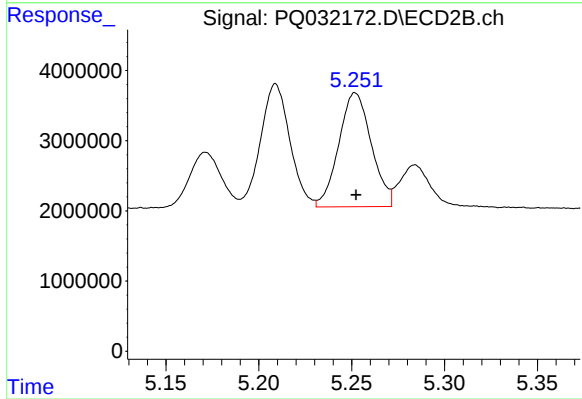
R.T.: 5.209 min
Delta R.T.: 0.000 min
Response: 19413190
Conc: 345.78 ng/ml



#23 AR-1248-3

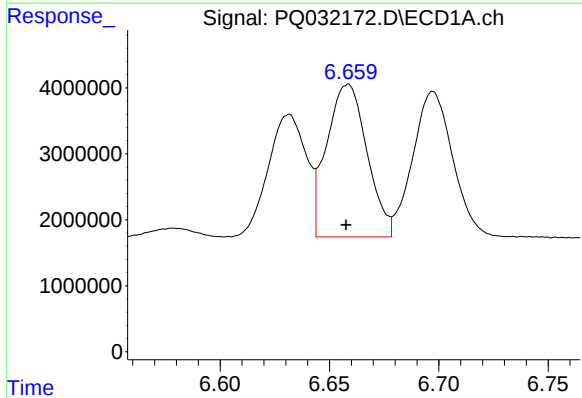
R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 27411071
Conc: 351.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



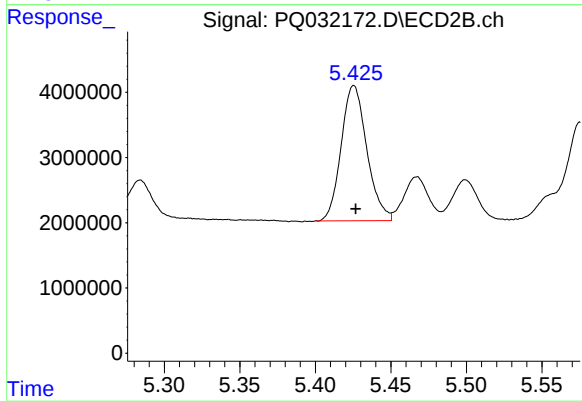
#23 AR-1248-3

R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 19850157
Conc: 344.38 ng/ml



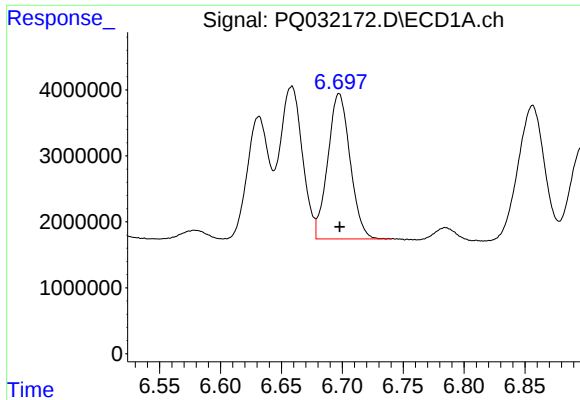
#24 AR-1248-4

R.T.: 6.658 min
Delta R.T.: 0.000 min
Response: 29666202
Conc: 325.61 ng/ml



#24 AR-1248-4

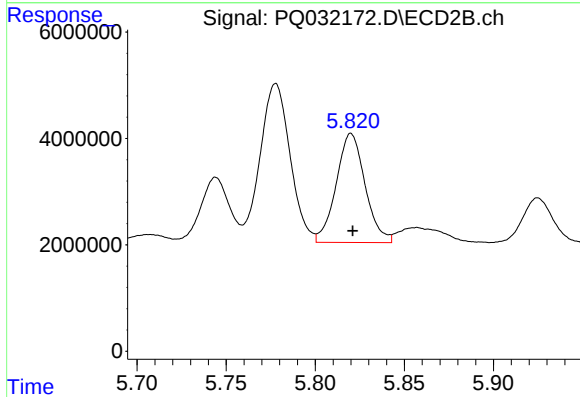
R.T.: 5.425 min
Delta R.T.: -0.001 min
Response: 24519936
Conc: 344.46 ng/ml



#25 AR-1248-5

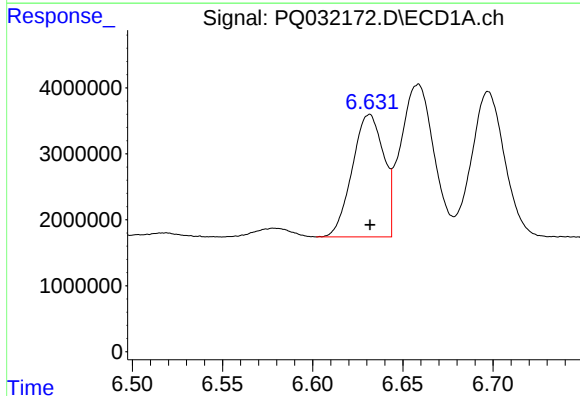
R.T.: 6.697 min
Delta R.T.: 0.000 min
Response: 28074449
Conc: 325.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



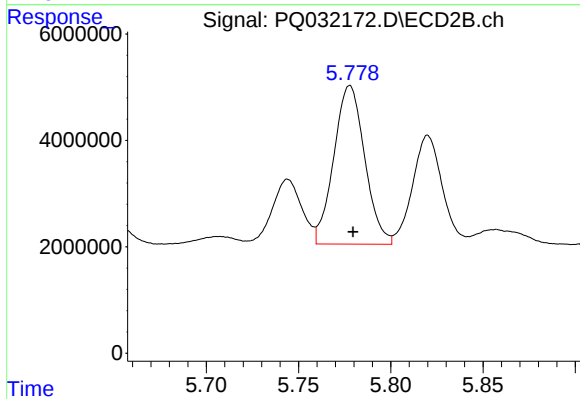
#25 AR-1248-5

R.T.: 5.820 min
Delta R.T.: 0.000 min
Response: 23196447
Conc: 326.57 ng/ml



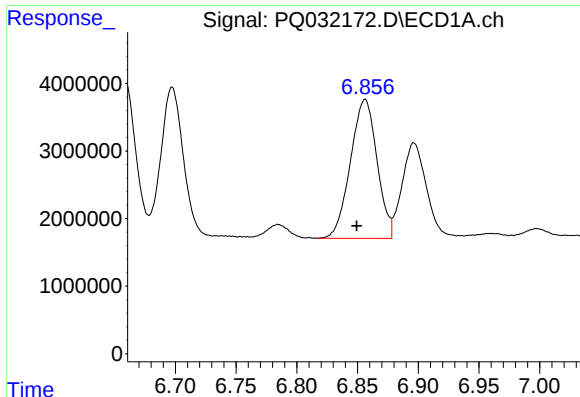
#26 AR-1254-1

R.T.: 6.631 min
Delta R.T.: 0.000 min
Response: 22525609
Conc: 229.43 ng/ml



#26 AR-1254-1

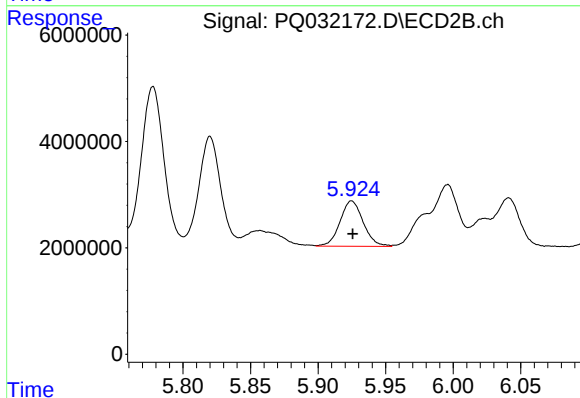
R.T.: 5.778 min
Delta R.T.: -0.002 min
Response: 34832755
Conc: 291.96 ng/ml



#27 AR-1254-2

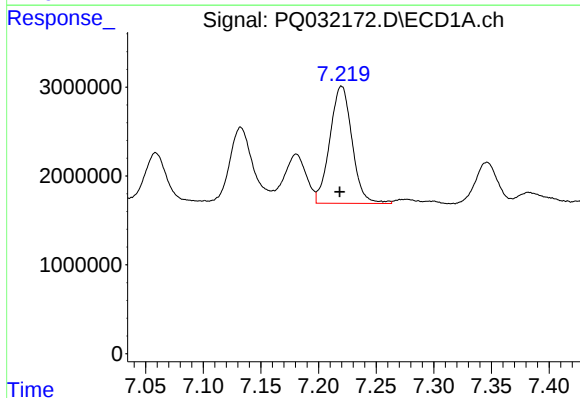
R.T.: 6.856 min
Delta R.T.: 0.007 min
Response: 31317366
Conc: 202.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



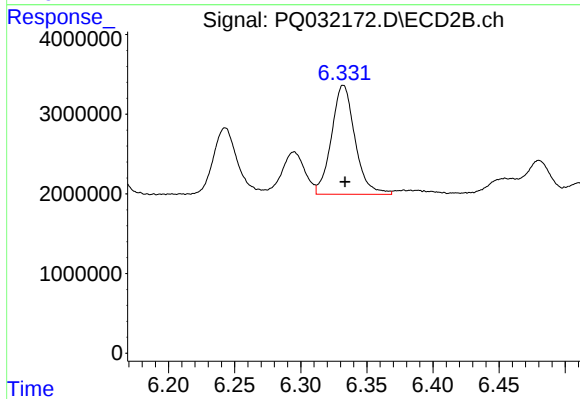
#27 AR-1254-2

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 10205779
Conc: 97.43 ng/ml



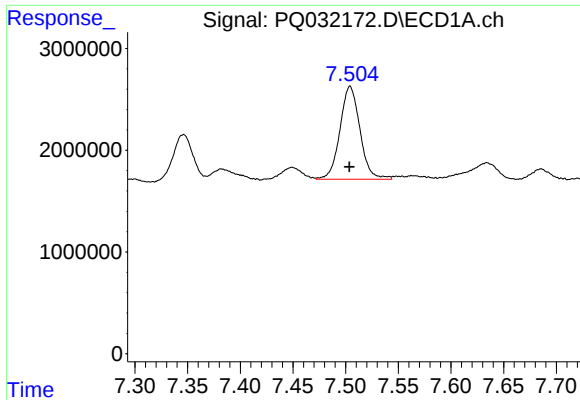
#28 AR-1254-3

R.T.: 7.220 min
Delta R.T.: 0.002 min
Response: 17697722
Conc: 104.99 ng/ml



#28 AR-1254-3

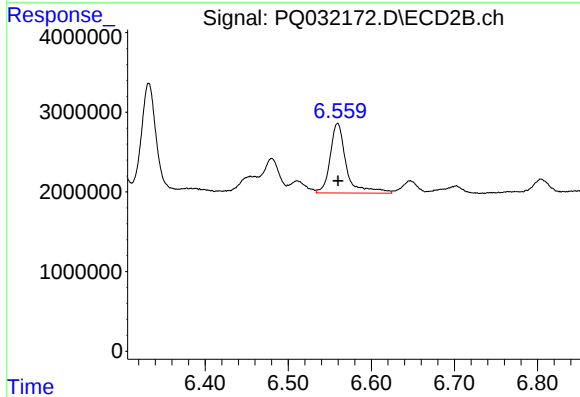
R.T.: 6.332 min
Delta R.T.: -0.001 min
Response: 16946532
Conc: 95.30 ng/ml



#29 AR-1254-4

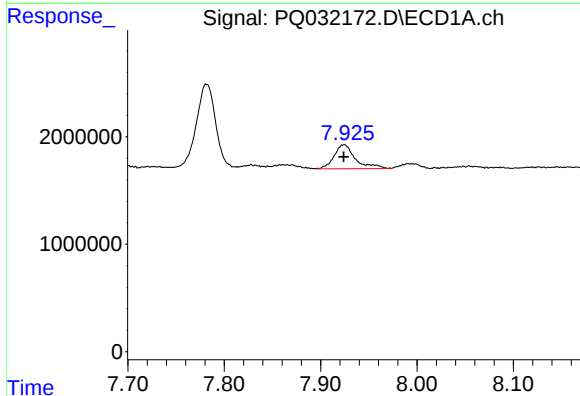
R.T.: 7.504 min
Delta R.T.: 0.000 min
Response: 12090845
Conc: 96.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



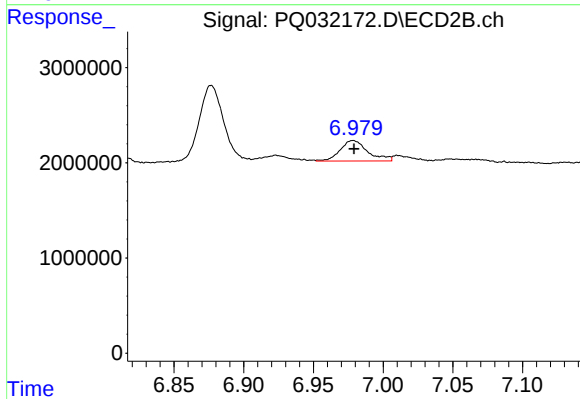
#29 AR-1254-4

R.T.: 6.559 min
Delta R.T.: 0.000 min
Response: 11787346
Conc: 103.58 ng/ml



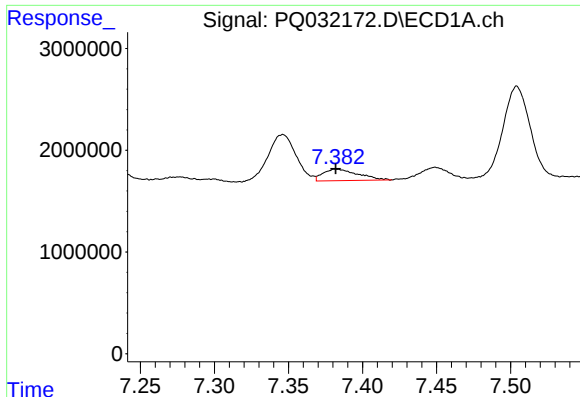
#30 AR-1254-5

R.T.: 7.924 min
Delta R.T.: 0.000 min
Response: 3448871
Conc: 24.99 ng/ml



#30 AR-1254-5

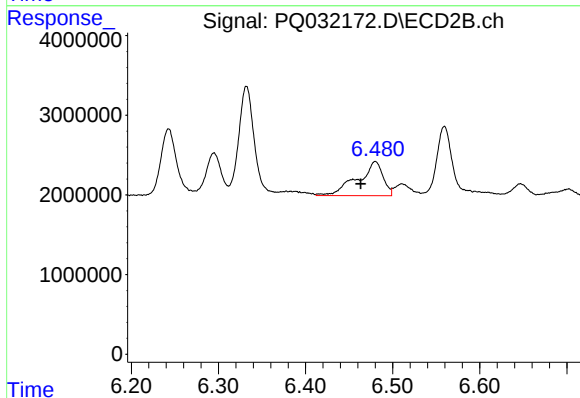
R.T.: 6.978 min
Delta R.T.: 0.000 min
Response: 2986197
Conc: 19.24 ng/ml



#31 AR-1260-1

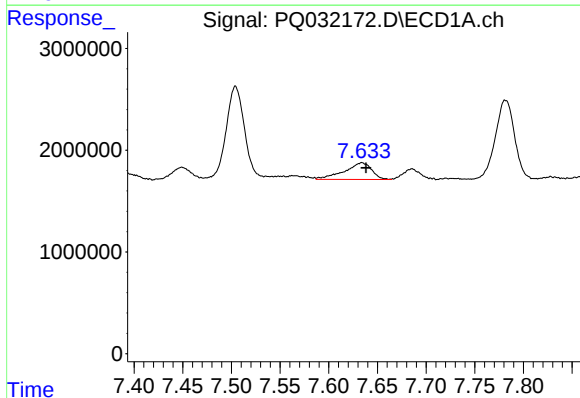
R.T.: 7.382 min
Delta R.T.: 0.000 min
Response: 1855876
Conc: 14.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



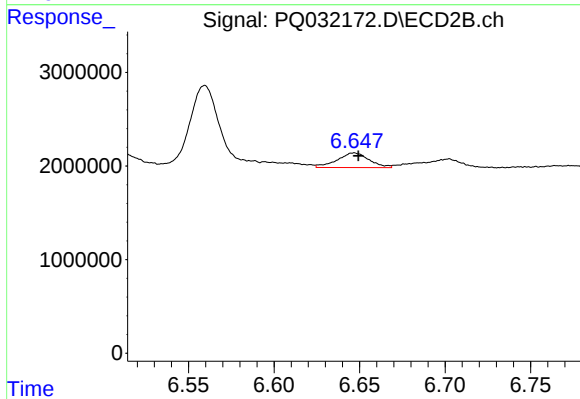
#31 AR-1260-1

R.T.: 6.480 min
Delta R.T.: 0.017 min
Response: 8746433
Conc: 78.19 ng/ml



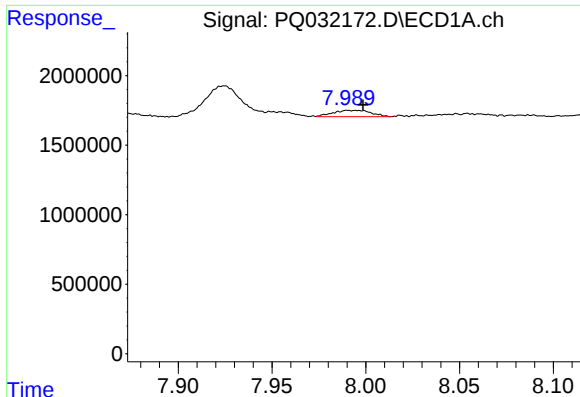
#32 AR-1260-2

R.T.: 7.634 min
Delta R.T.: -0.004 min
Response: 3181037
Conc: 21.66 ng/ml



#32 AR-1260-2

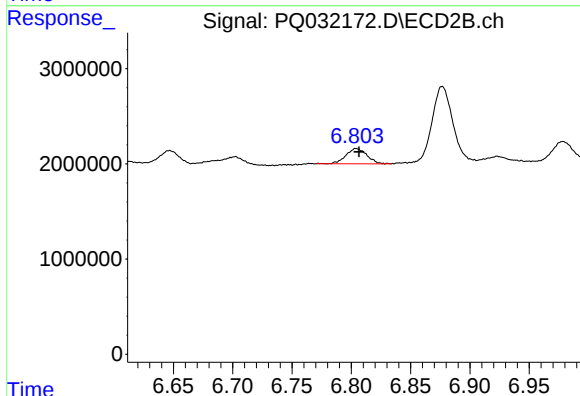
R.T.: 6.647 min
Delta R.T.: -0.003 min
Response: 2029050
Conc: 14.93 ng/ml



#33 AR-1260-3

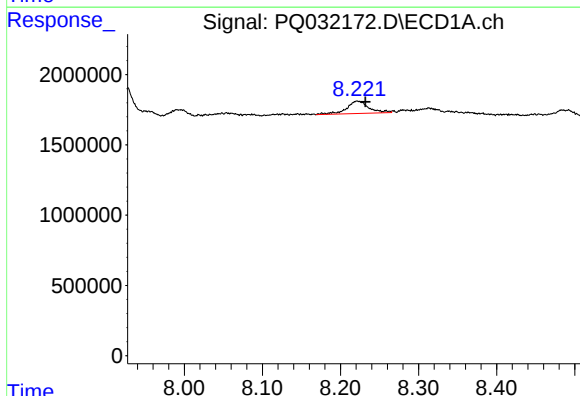
R.T.: 7.991 min
Delta R.T.: -0.008 min
Response: 641160
Conc: 6.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



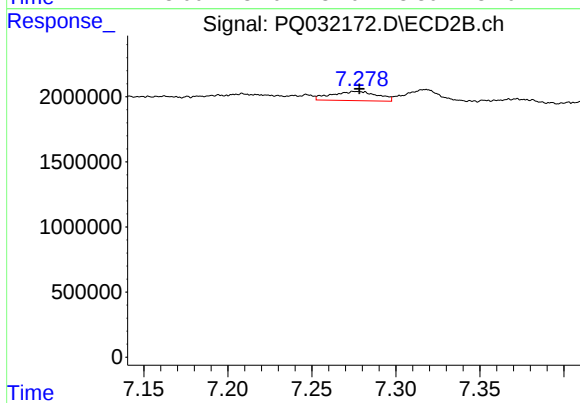
#33 AR-1260-3

R.T.: 6.804 min
Delta R.T.: -0.002 min
Response: 1968925
Conc: 15.68 ng/ml



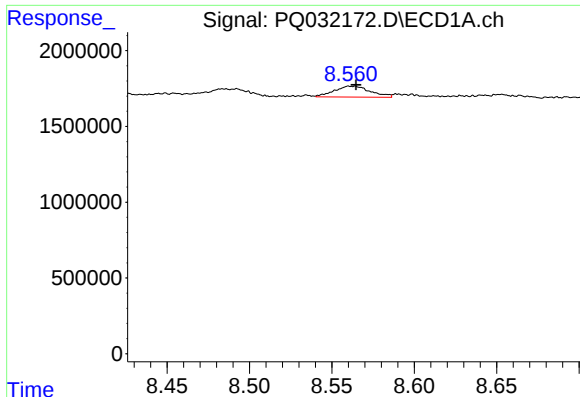
#34 AR-1260-4

R.T.: 8.222 min
Delta R.T.: -0.010 min
Response: 1738728
Conc: 14.30 ng/ml



#34 AR-1260-4

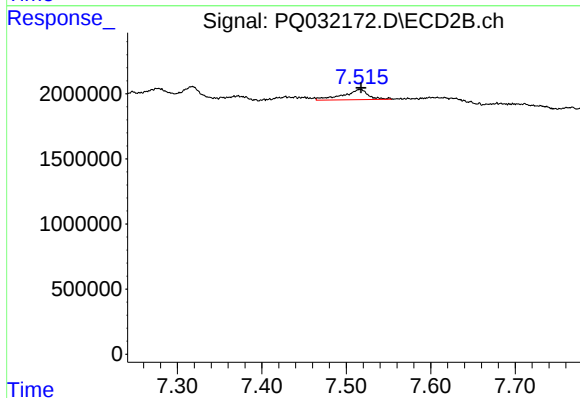
R.T.: 7.277 min
Delta R.T.: -0.002 min
Response: 1336311
Conc: 13.12 ng/ml



#35 AR-1260-5

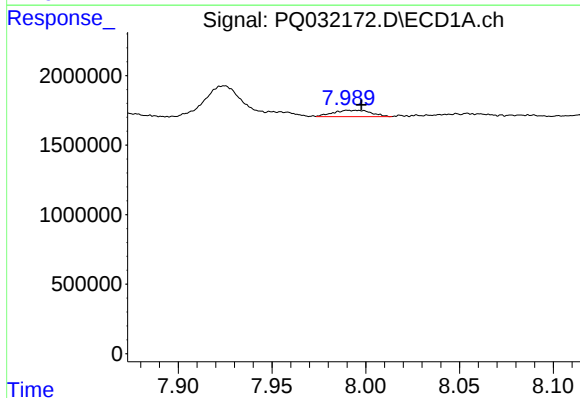
R.T.: 8.561 min
Delta R.T.: -0.003 min
Response: 1113090
Conc: 4.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



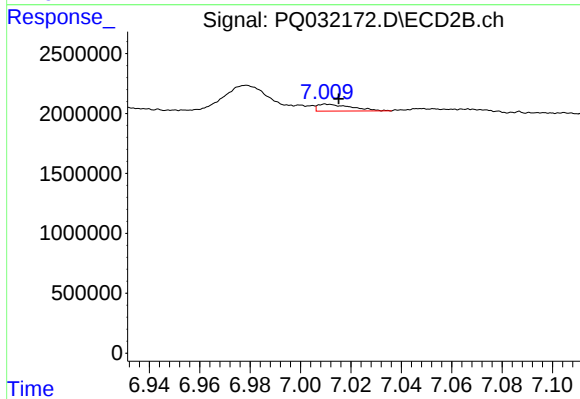
#35 AR-1260-5

R.T.: 7.516 min
Delta R.T.: -0.001 min
Response: 1652568
Conc: 6.69 ng/ml



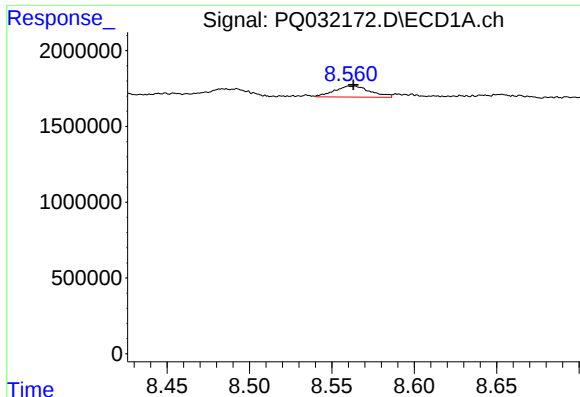
#36 AR-1262-1

R.T.: 7.991 min
Delta R.T.: -0.007 min
Response: 641160
Conc: 4.52 ng/ml



#36 AR-1262-1

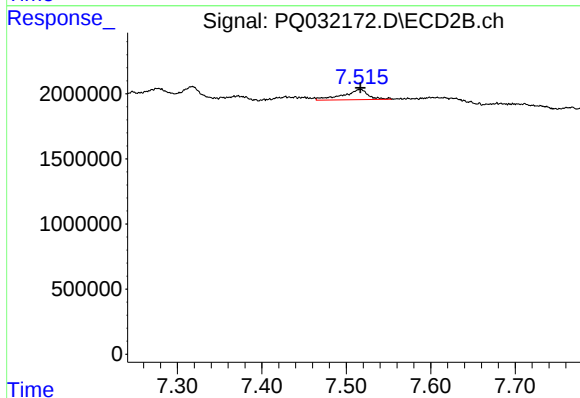
R.T.: 7.010 min
Delta R.T.: -0.005 min
Response: 538049
Conc: 3.86 ng/ml



#37 AR-1262-2

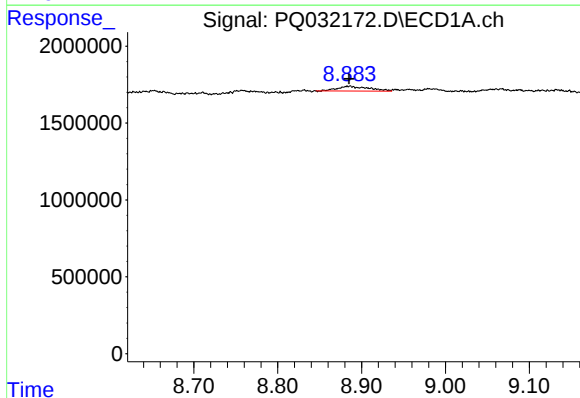
R.T.: 8.561 min
Delta R.T.: -0.002 min
Response: 1113090
Conc: 4.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



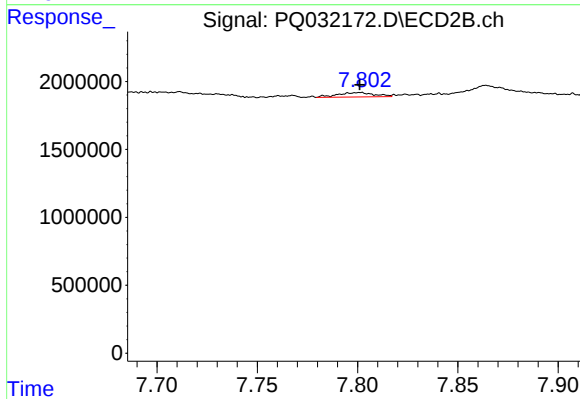
#37 AR-1262-2

R.T.: 7.516 min
Delta R.T.: 0.000 min
Response: 1652568
Conc: 6.30 ng/ml



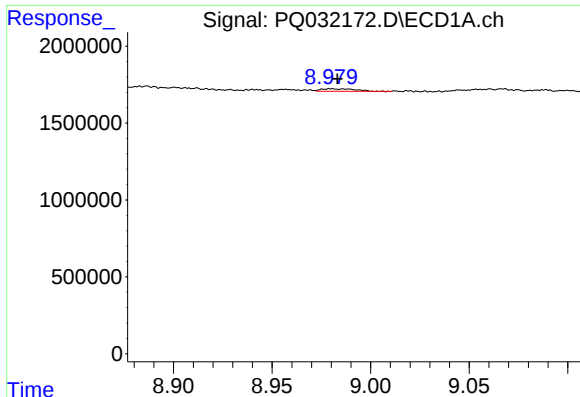
#38 AR-1262-3

R.T.: 8.886 min
Delta R.T.: 0.000 min
Response: 811416
Conc: 4.66 ng/ml



#38 AR-1262-3

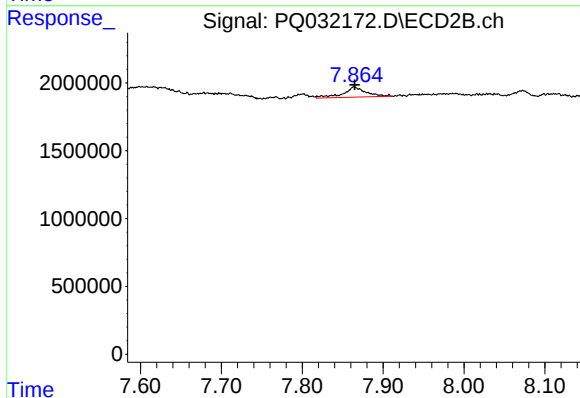
R.T.: 7.801 min
Delta R.T.: 0.000 min
Response: 411220
Conc: 4.21 ng/ml



#39 AR-1262-4

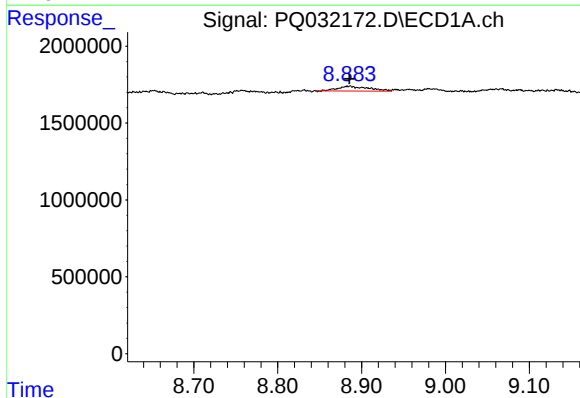
R.T.: 8.980 min
Delta R.T.: -0.003 min
Response: 195435
Conc: 1.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



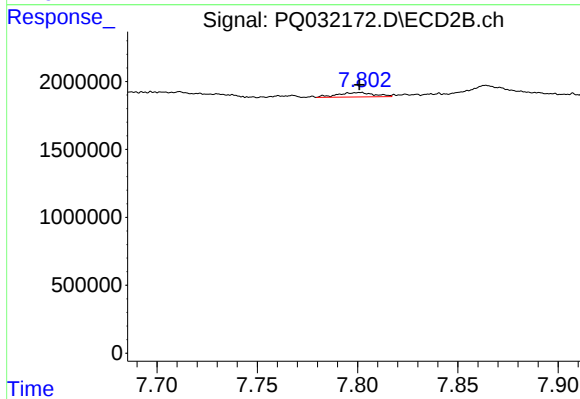
#39 AR-1262-4

R.T.: 7.864 min
Delta R.T.: 0.000 min
Response: 1468260
Conc: 7.84 ng/ml



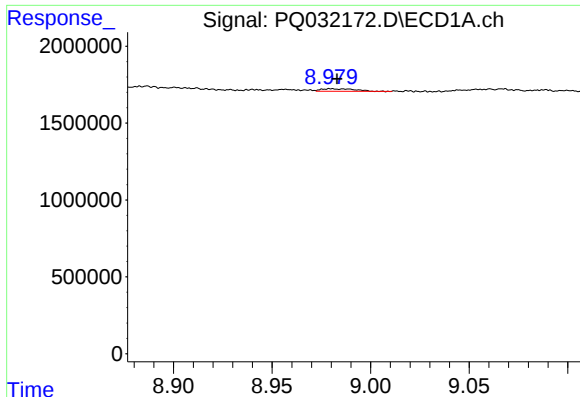
#41 AR-1268-1

R.T.: 8.886 min
Delta R.T.: 0.000 min
Response: 811416
Conc: 2.34 ng/ml



#41 AR-1268-1

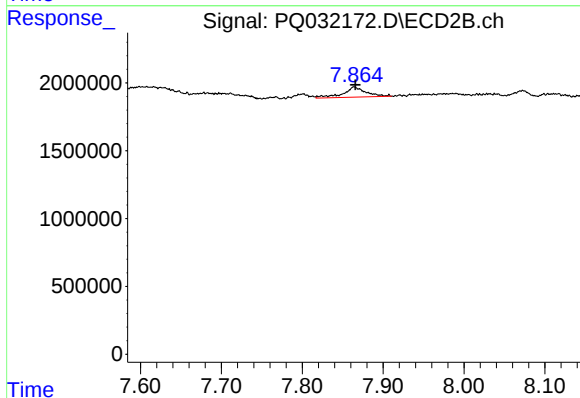
R.T.: 7.801 min
Delta R.T.: 0.000 min
Response: 411220
Conc: 1.23 ng/ml



#42 AR-1268-2

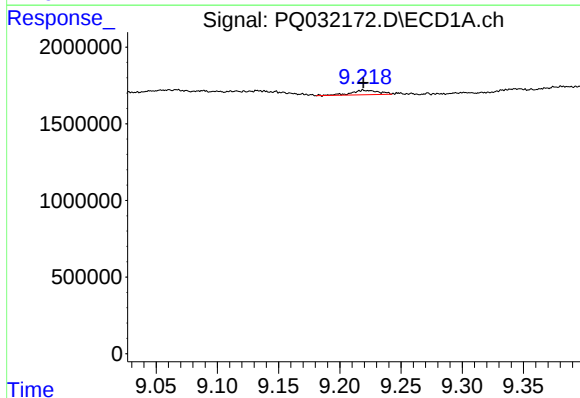
R.T.: 8.980 min
Delta R.T.: -0.003 min
Response: 195435
Conc: 0.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



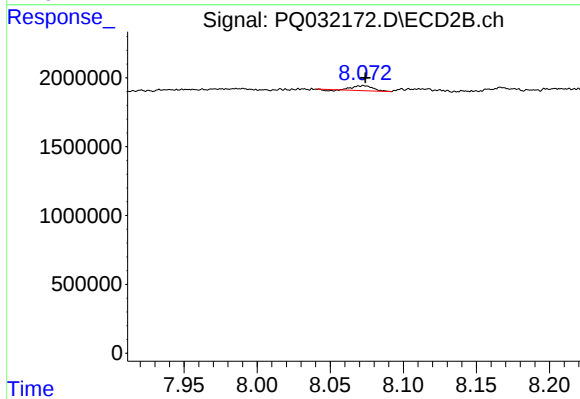
#42 AR-1268-2

R.T.: 7.864 min
Delta R.T.: -0.002 min
Response: 1468260
Conc: 4.88 ng/ml



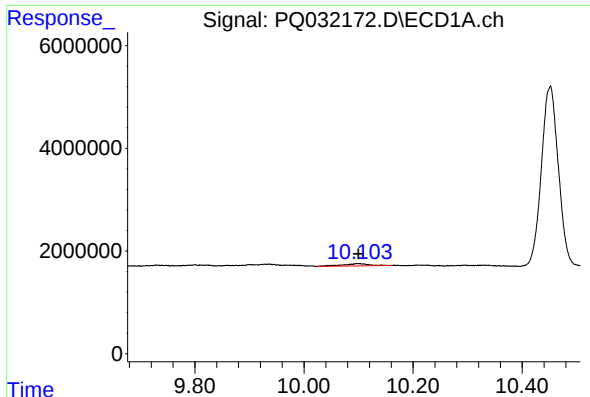
#43 AR-1268-3

R.T.: 9.219 min
Delta R.T.: 0.000 min
Response: 471735
Conc: 1.77 ng/ml



#43 AR-1268-3

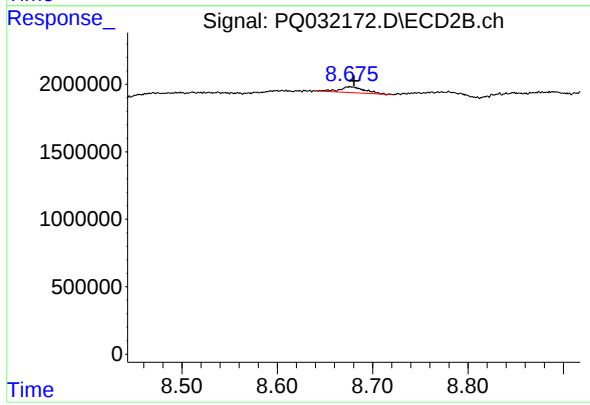
R.T.: 8.073 min
Delta R.T.: -0.001 min
Response: 315761
Conc: 1.27 ng/ml



#45 AR-1268-5

R.T.: 10.099 min
Delta R.T.: 0.000 min
Response: 1570742
Conc: 1.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.676 min
Delta R.T.: -0.004 min
Response: 772634
Conc: 0.97 ng/ml