

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040319\
 Data File : PQ038640.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Apr 2019 17:29
 Operator : AJ\SJ
 Sample : K1560-01
 Misc : AR1248 LOD 25 PPB
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 03:33:59 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 04 03:26:03 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	4.705	3.985	175.7E6	92697812	23.758	22.621
2)	SA Decachlor...	10.643	9.102	126.2E6	69356674	24.245	22.250
Target Compounds							
3)	L1 AR-1016-1	5.885	5.085	5428083	2369177	23.722	16.972 #
4)	L1 AR-1016-2	5.908	5.105	5508478	2669442	16.379	13.325
5)	L1 AR-1016-3	5.969	5.287	5400813	1035304	26.913	11.221 #
6)	L1 AR-1016-4	6.070	5.323	3522667	2867781	21.406	35.804 #
7)	L1 AR-1016-5	6.366	5.541	6328557	3469142	40.005	33.851
8)	L2 AR-1221-1	4.905	4.192	864679	339264	12.265	8.410 #
9)	L2 AR-1221-2	5.016	4.293	2413775	1702415	48.141	57.883
10)	L2 AR-1221-3	5.077	0.000	946524	0	5.905	N.D. #
11)	L3 AR-1232-1	5.077	0.000	946524	0	7.120	N.D. #
12)	L3 AR-1232-2	5.616	5.105	2674076	2669442	41.369	36.181
13)	L3 AR-1232-3	5.908	5.287	5508478	1035304	42.873	30.429 #
14)	L3 AR-1232-4	6.070	5.365	3522667	2858964	53.982	86.630 #
15)	L3 AR-1232-5	6.157	5.541	7174403	3469142	145.360	99.790 #
16)	L4 AR-1242-1	5.885	5.085	5428083	2369177	33.825	24.252 #
17)	L4 AR-1242-2	5.908	5.105	5508478	2669442	23.355	19.035
18)	L4 AR-1242-3	5.969	5.287	5400813	1035304	37.137	15.554 #
19)	L4 AR-1242-4	6.070	5.365	3522667	2858964	29.472	41.721 #
20)	L4 AR-1242-5	6.810	5.894	5958925	4835926	53.264	55.882
21)	L5 AR-1248-1	5.885	5.085	5428083	2369177	46.336	33.188 #
22)	L5 AR-1248-2	6.157	5.323	7174403	2867781	44.886	31.219 #
23)	L5 AR-1248-3	6.366	5.365	6328557	2858964	36.845	30.349
24)	L5 AR-1248-4	6.770	5.541	6256589	3469142	35.273	30.230
25)	L5 AR-1248-5	6.810	5.937	5958925	3369697	35.129	31.105
26)	L6 AR-1254-1	6.743	5.894	4906216	4835926	25.002	26.203
27)	L6 AR-1254-2	6.968	6.041	6211664	1755237	21.405	11.222 #
28)	L6 AR-1254-3	7.334	6.450	3370030	2947106	11.264	11.353
29)	L6 AR-1254-4	7.617	6.677	1976316	963018	9.927	5.666 #
30)	L6 AR-1254-5	8.045	7.099	1866891	1107613	7.068	5.250 #
31)	L7 AR-1260-1	7.499	6.599	615936	575404	2.424	3.185 #
32)	L7 AR-1260-2	7.747	6.765	547159	1132362	1.844	5.206 #
33)	L7 AR-1260-3	8.109	6.924	701319	322157	3.063	1.580 #
34)	L7 AR-1260-4	8.347	7.439	729686	-126739	2.752	N.D. #
35)	L7 AR-1260-5	8.661	0.000	1153860	0	2.271	N.D. #
36)	L8 AR-1262-1	8.195	7.099	1056946	1107613	8.337	4.632 #
37)	L8 AR-1262-2	8.661	0.000	1153860	0	2.240	N.D. #
38)	L8 AR-1262-3	9.025	7.979	795679	380677	2.270	2.386
39)	L8 AR-1262-4	9.161	7.979	1672911	380677	5.791	1.250 #
40)	L8 AR-1262-5	9.785	8.534	552095	3413603	3.048	25.600 #
41)	L9 AR-1268-1	9.025	7.979	795679	380677	1.264	0.805 #

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Acq On : 03 Apr 2019 17:29
Operator : AJ\SJ
Sample : K1560-01
Misc : AR1248 LOD 25 PPB
ALS Vial : 17 Sample Multiplier: 1

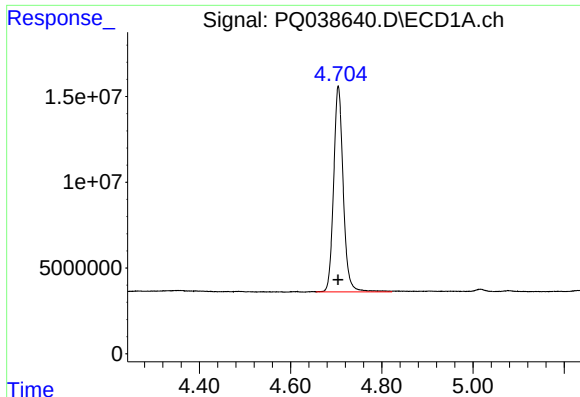
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 04 03:33:59 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040319.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 04 03:26:03 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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	9.161	7.979	1672911	380677	2.727	0.872 #
43)	L9 AR-1268-3	9.367	0.000	2157928	0	4.278	N.D. #
44)	L9 AR-1268-4	9.785	8.534	552095	3413603	2.524	22.759 #
45)	L9 AR-1268-5	10.282	8.822	2733230	421450	1.591	0.365 #

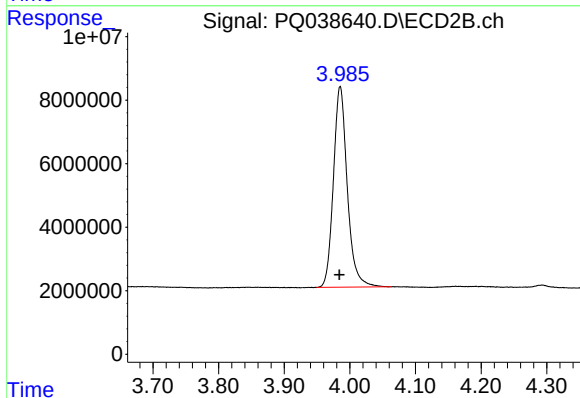
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

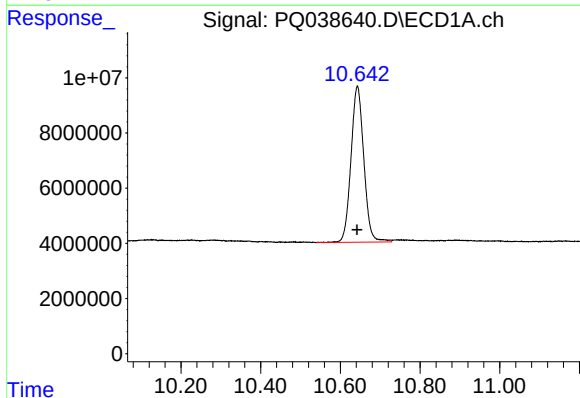
R.T.: 4.705 min
Delta R.T.: 0.000 min
Response: 175736682
Conc: 23.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



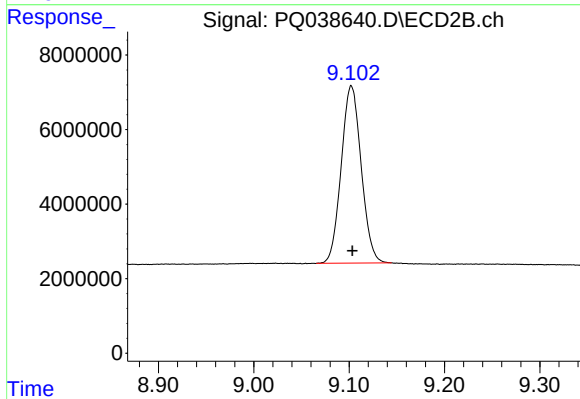
#1 Tetrachloro-m-xylene

R.T.: 3.985 min
Delta R.T.: 0.001 min
Response: 92697812
Conc: 22.62 ng/ml



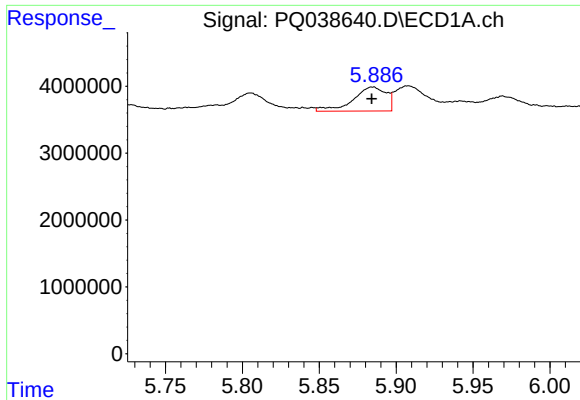
#2 Decachlorobiphenyl

R.T.: 10.643 min
Delta R.T.: 0.000 min
Response: 126215327
Conc: 24.24 ng/ml



#2 Decachlorobiphenyl

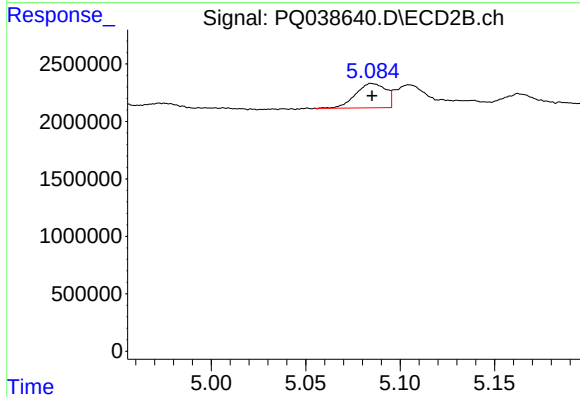
R.T.: 9.102 min
Delta R.T.: 0.000 min
Response: 69356674
Conc: 22.25 ng/ml



#3 AR-1016-1

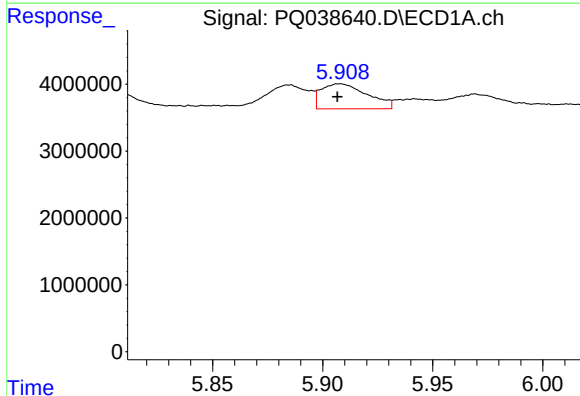
R.T.: 5.885 min
Delta R.T.: 0.000 min
Response: 5428083
Conc: 23.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



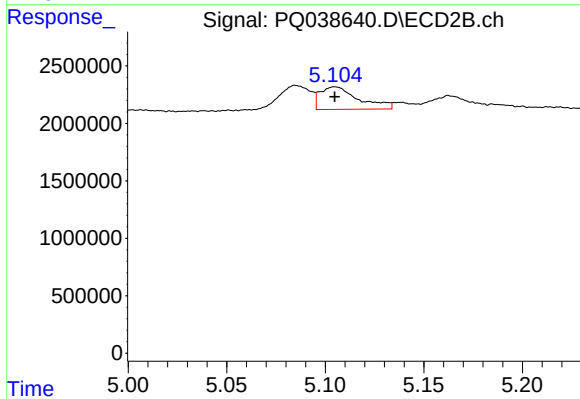
#3 AR-1016-1

R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 2369177
Conc: 16.97 ng/ml



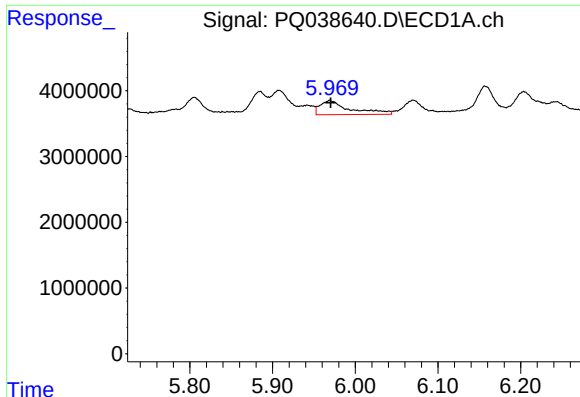
#4 AR-1016-2

R.T.: 5.908 min
Delta R.T.: 0.001 min
Response: 5508478
Conc: 16.38 ng/ml



#4 AR-1016-2

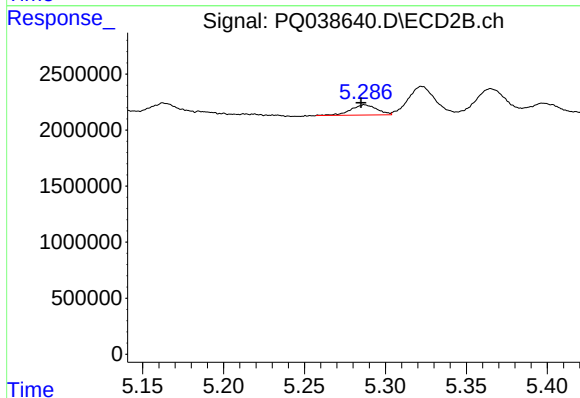
R.T.: 5.105 min
Delta R.T.: 0.000 min
Response: 2669442
Conc: 13.32 ng/ml



#5 AR-1016-3

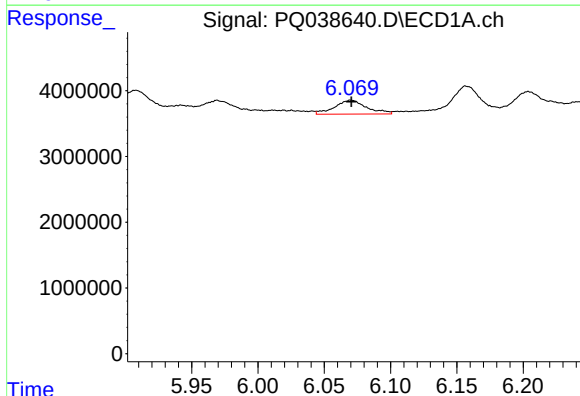
R.T.: 5.969 min
Delta R.T.: -0.001 min
Response: 5400813
Conc: 26.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



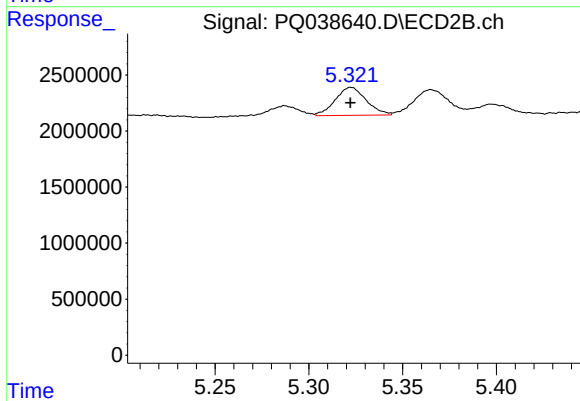
#5 AR-1016-3

R.T.: 5.287 min
Delta R.T.: 0.002 min
Response: 1035304
Conc: 11.22 ng/ml



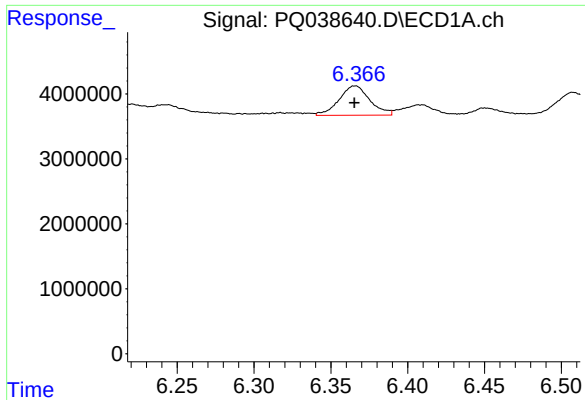
#6 AR-1016-4

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 3522667
Conc: 21.41 ng/ml



#6 AR-1016-4

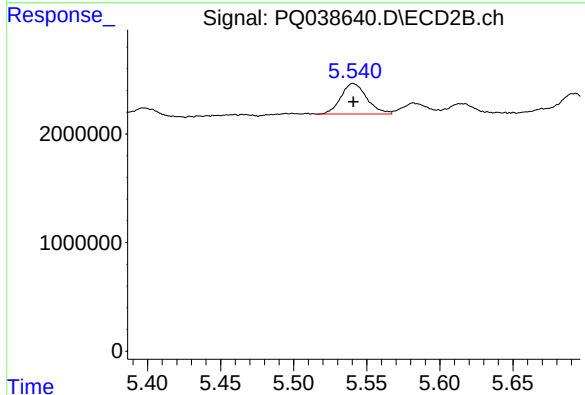
R.T.: 5.323 min
Delta R.T.: 0.000 min
Response: 2867781
Conc: 35.80 ng/ml



#7 AR-1016-5

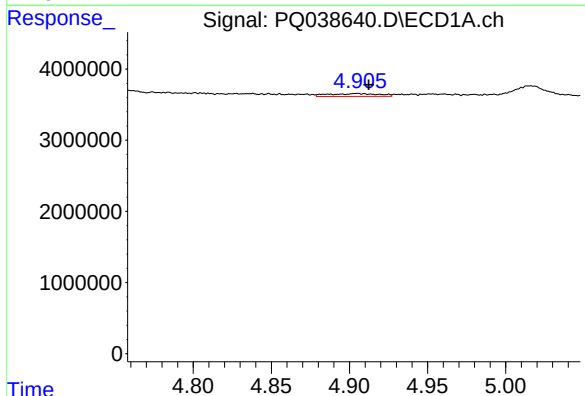
R.T.: 6.366 min
Delta R.T.: 0.000 min
Response: 6328557
Conc: 40.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



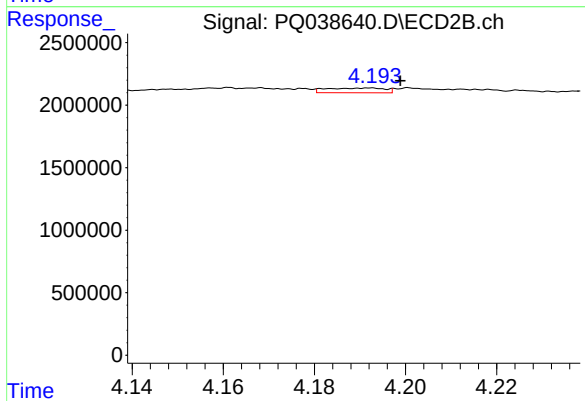
#7 AR-1016-5

R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 3469142
Conc: 33.85 ng/ml



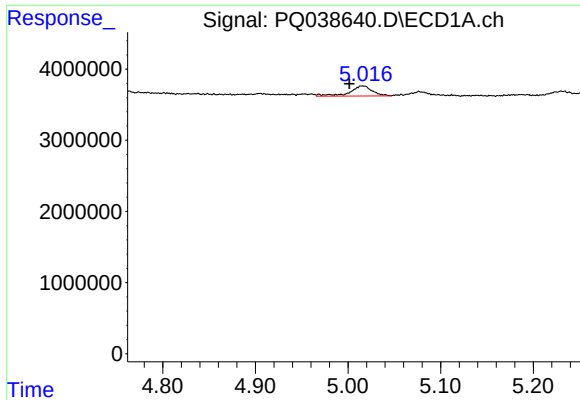
#8 AR-1221-1

R.T.: 4.905 min
Delta R.T.: -0.008 min
Response: 864679
Conc: 12.27 ng/ml



#8 AR-1221-1

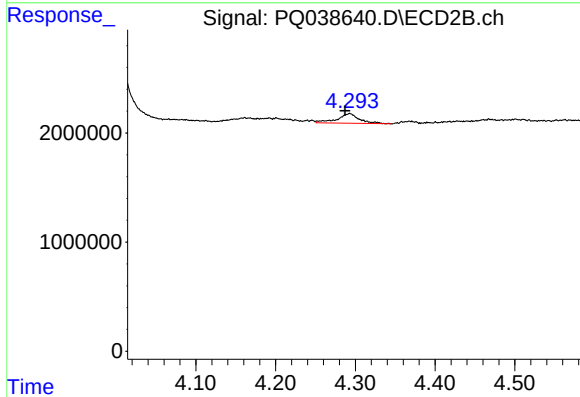
R.T.: 4.192 min
Delta R.T.: -0.007 min
Response: 339264
Conc: 8.41 ng/ml



#9 AR-1221-2

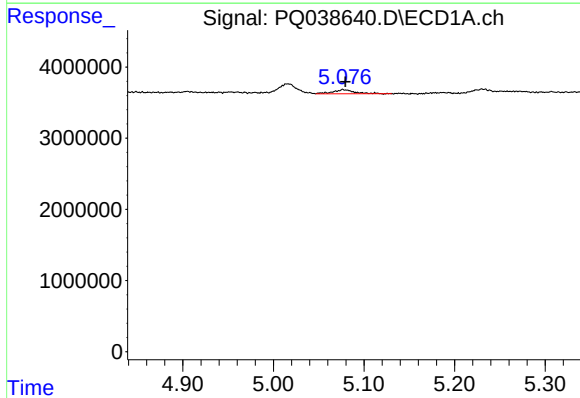
R.T.: 5.016 min
Delta R.T.: 0.015 min
Response: 2413775
Conc: 48.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



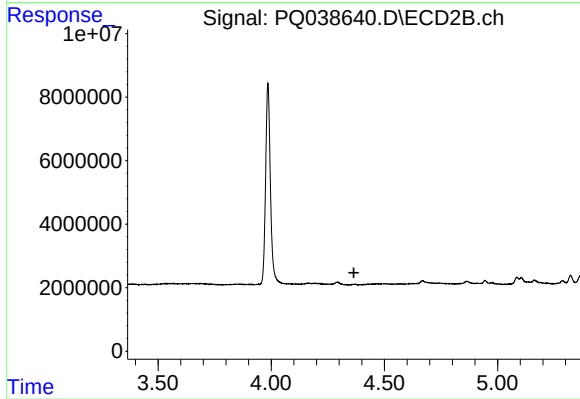
#9 AR-1221-2

R.T.: 4.293 min
Delta R.T.: 0.006 min
Response: 1702415
Conc: 57.88 ng/ml



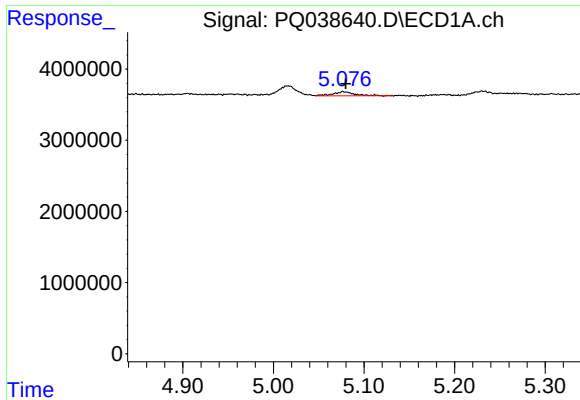
#10 AR-1221-3

R.T.: 5.077 min
Delta R.T.: -0.003 min
Response: 946524
Conc: 5.90 ng/ml



#10 AR-1221-3

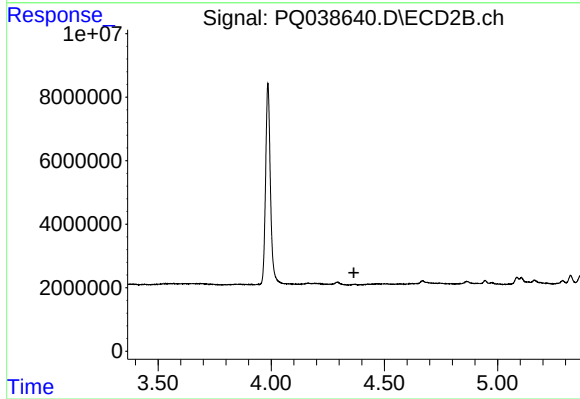
R.T.: 0.000 min
Exp R.T.: 4.365 min
Response: 0
Conc: N.D.



#11 AR-1232-1

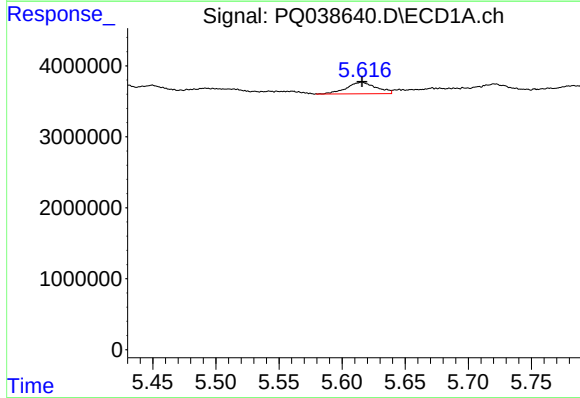
R.T.: 5.077 min
Delta R.T.: -0.003 min
Response: 946524
Conc: 7.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



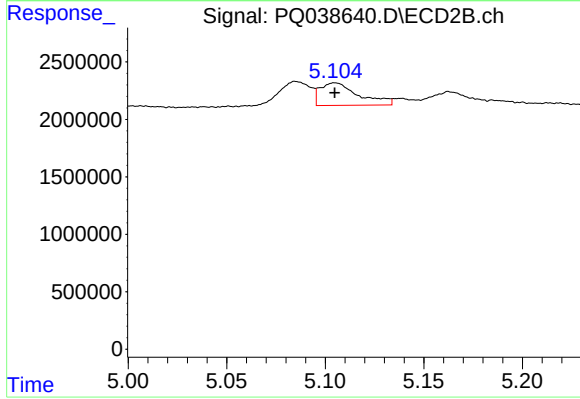
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.365 min
Response: 0
Conc: N.D.



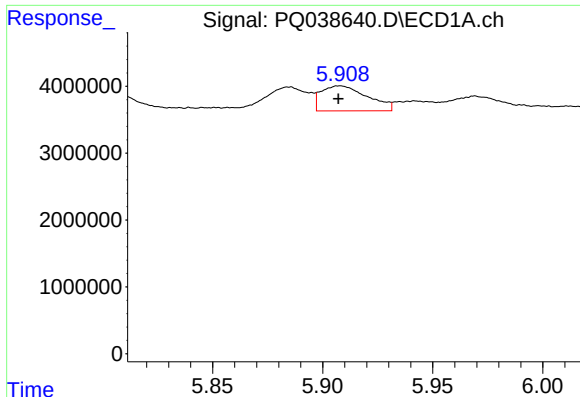
#12 AR-1232-2

R.T.: 5.616 min
Delta R.T.: 0.000 min
Response: 2674076
Conc: 41.37 ng/ml



#12 AR-1232-2

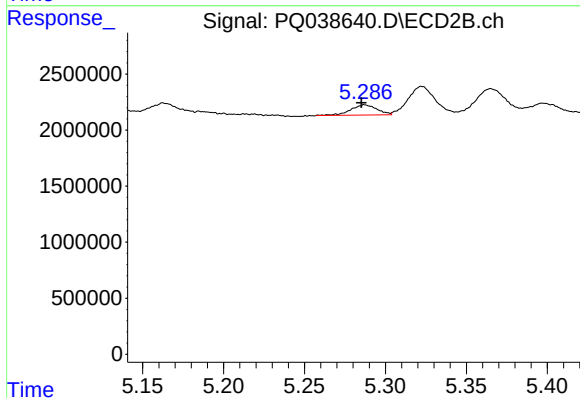
R.T.: 5.105 min
Delta R.T.: 0.000 min
Response: 2669442
Conc: 36.18 ng/ml



#13 AR-1232-3

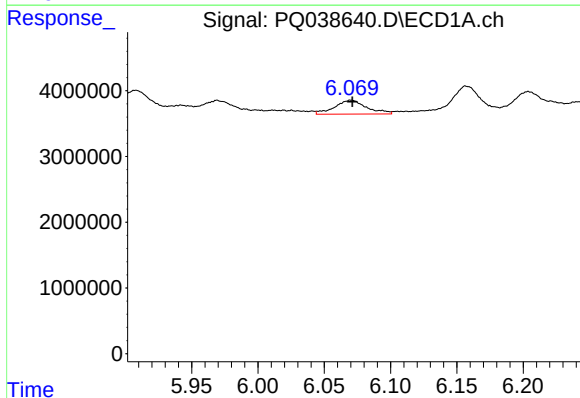
R.T.: 5.908 min
Delta R.T.: 0.000 min
Response: 5508478
Conc: 42.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



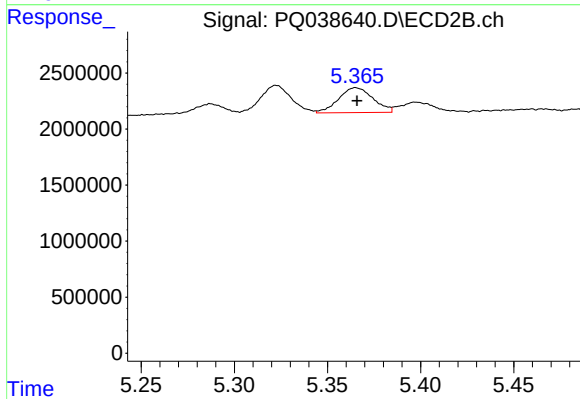
#13 AR-1232-3

R.T.: 5.287 min
Delta R.T.: 0.002 min
Response: 1035304
Conc: 30.43 ng/ml



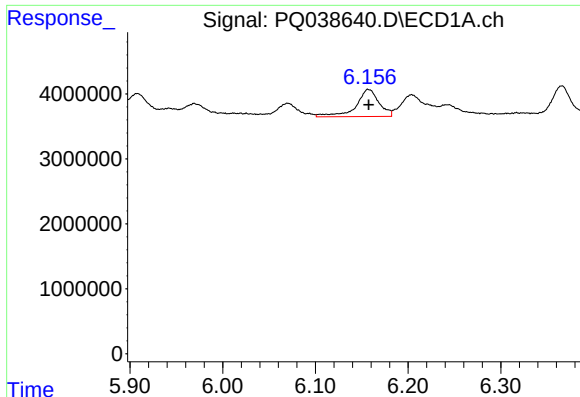
#14 AR-1232-4

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 3522667
Conc: 53.98 ng/ml



#14 AR-1232-4

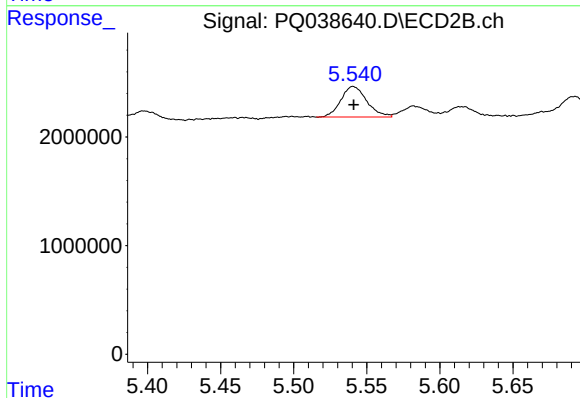
R.T.: 5.365 min
Delta R.T.: 0.000 min
Response: 2858964
Conc: 86.63 ng/ml



#15 AR-1232-5

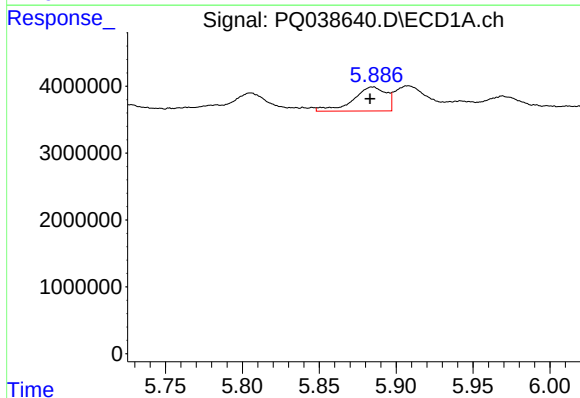
R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 7174403
Conc: 145.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



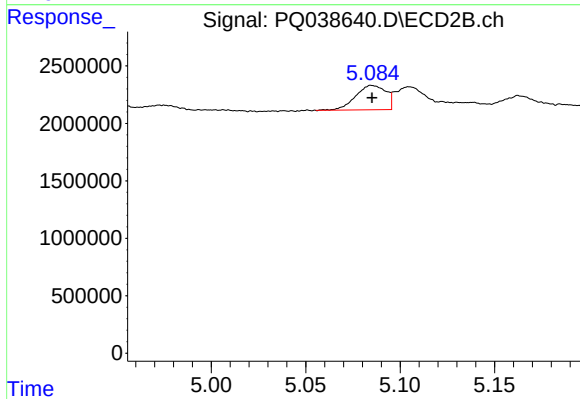
#15 AR-1232-5

R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 3469142
Conc: 99.79 ng/ml



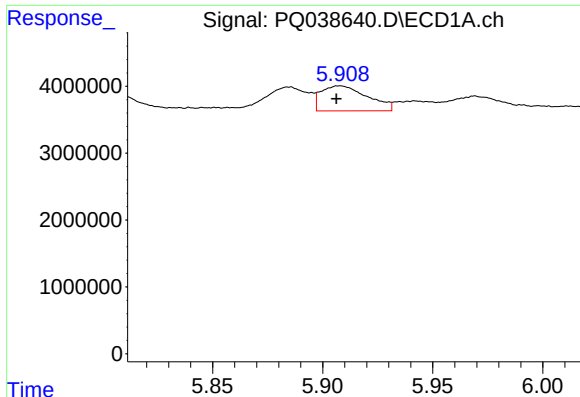
#16 AR-1242-1

R.T.: 5.885 min
Delta R.T.: 0.002 min
Response: 5428083
Conc: 33.83 ng/ml



#16 AR-1242-1

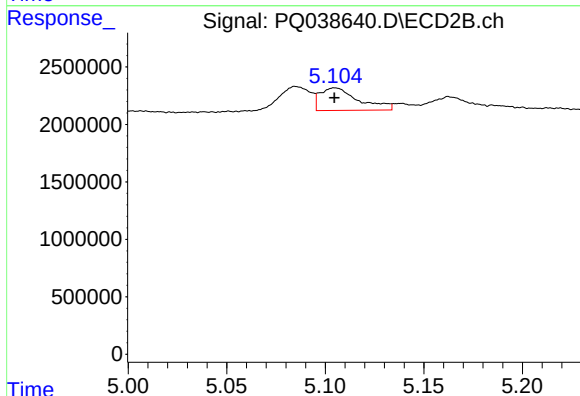
R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 2369177
Conc: 24.25 ng/ml



#17 AR-1242-2

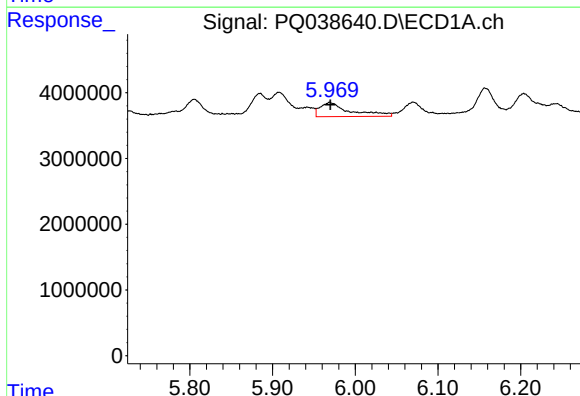
R.T.: 5.908 min
Delta R.T.: 0.002 min
Response: 5508478
Conc: 23.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



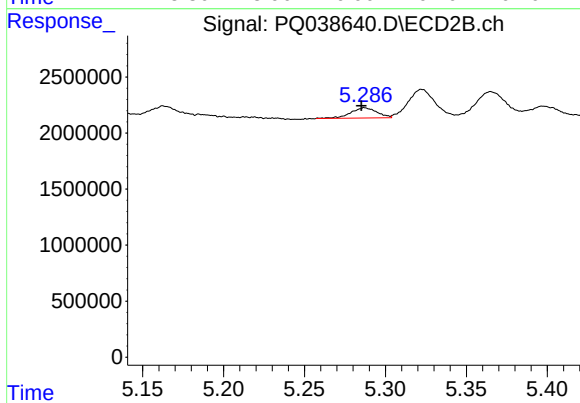
#17 AR-1242-2

R.T.: 5.105 min
Delta R.T.: 0.000 min
Response: 2669442
Conc: 19.03 ng/ml



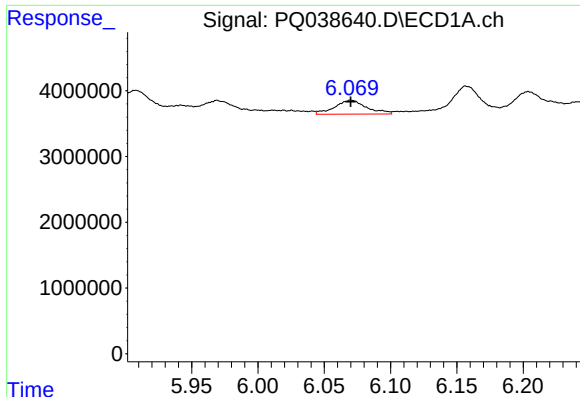
#18 AR-1242-3

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 5400813
Conc: 37.14 ng/ml



#18 AR-1242-3

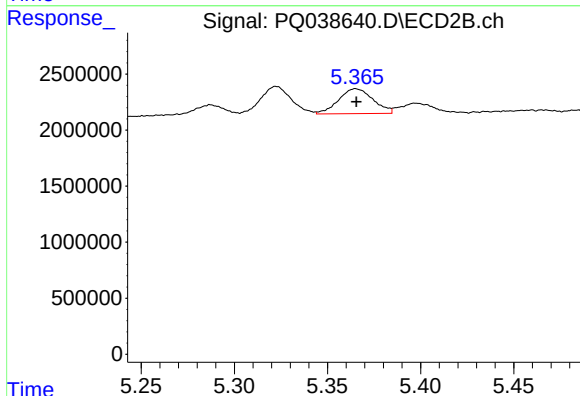
R.T.: 5.287 min
Delta R.T.: 0.002 min
Response: 1035304
Conc: 15.55 ng/ml



#19 AR-1242-4

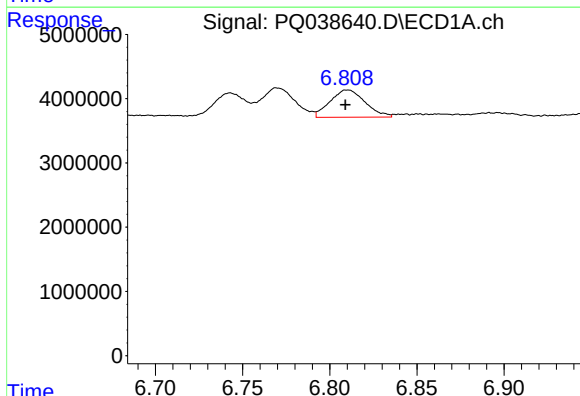
R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 3522667
Conc: 29.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



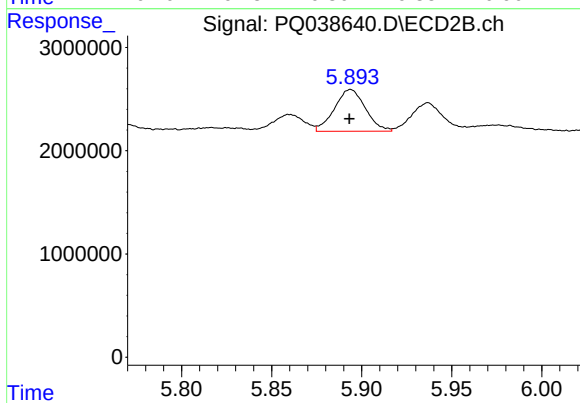
#19 AR-1242-4

R.T.: 5.365 min
Delta R.T.: 0.000 min
Response: 2858964
Conc: 41.72 ng/ml



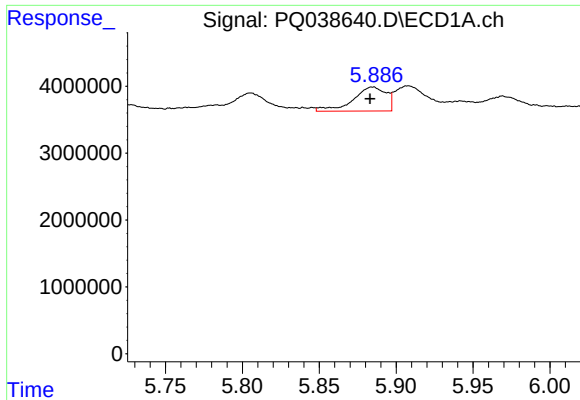
#20 AR-1242-5

R.T.: 6.810 min
Delta R.T.: 0.001 min
Response: 5958925
Conc: 53.26 ng/ml



#20 AR-1242-5

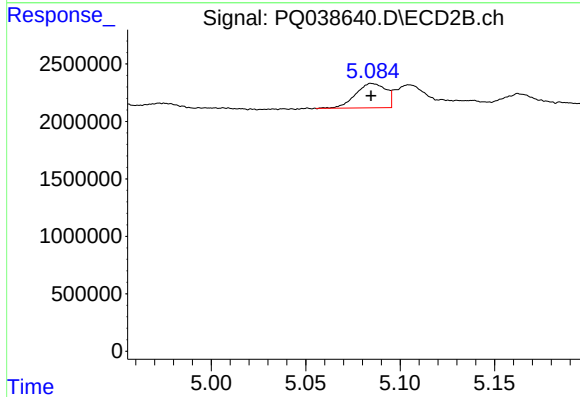
R.T.: 5.894 min
Delta R.T.: 0.000 min
Response: 4835926
Conc: 55.88 ng/ml



#21 AR-1248-1

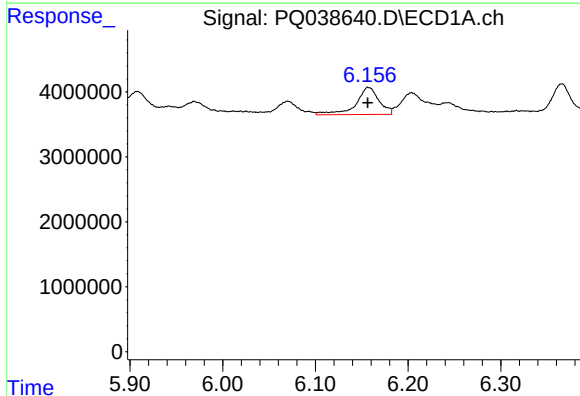
R.T.: 5.885 min
Delta R.T.: 0.002 min
Response: 5428083
Conc: 46.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



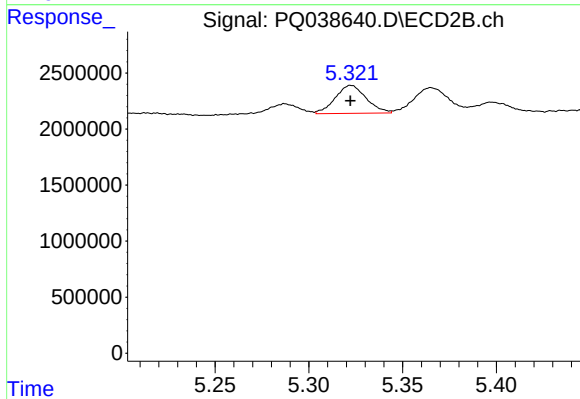
#21 AR-1248-1

R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 2369177
Conc: 33.19 ng/ml



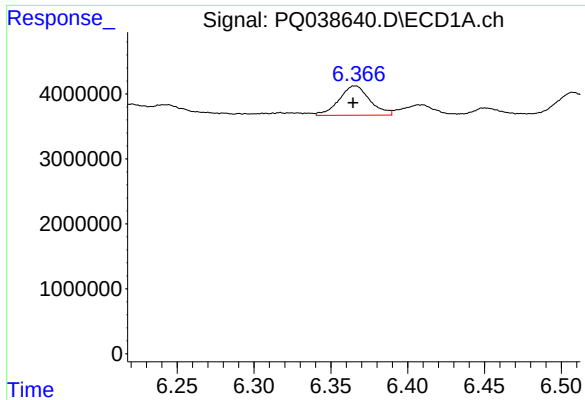
#22 AR-1248-2

R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 7174403
Conc: 44.89 ng/ml



#22 AR-1248-2

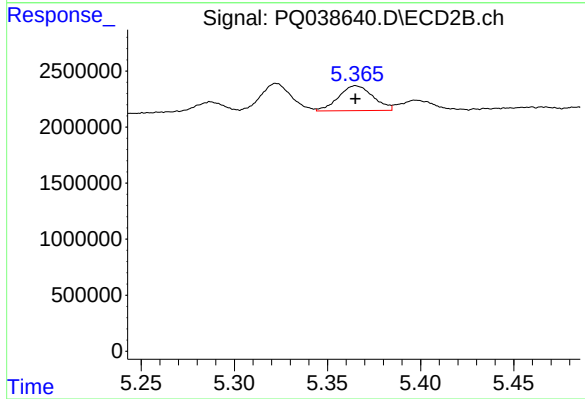
R.T.: 5.323 min
Delta R.T.: 0.000 min
Response: 2867781
Conc: 31.22 ng/ml



#23 AR-1248-3

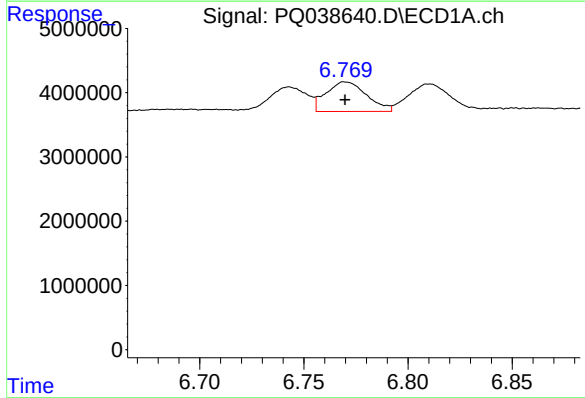
R.T.: 6.366 min
Delta R.T.: 0.001 min
Response: 6328557
Conc: 36.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



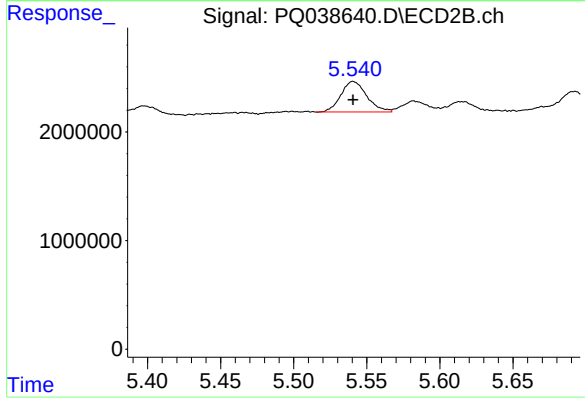
#23 AR-1248-3

R.T.: 5.365 min
Delta R.T.: 0.000 min
Response: 2858964
Conc: 30.35 ng/ml



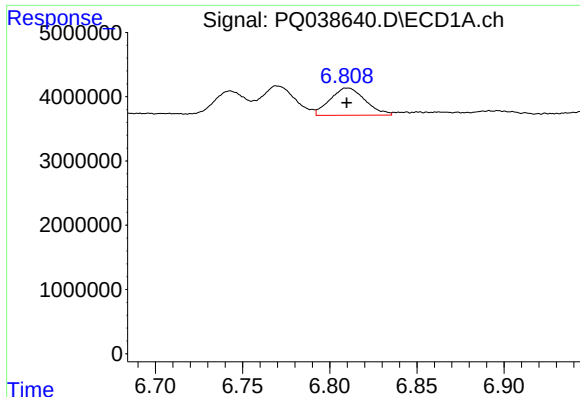
#24 AR-1248-4

R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 6256589
Conc: 35.27 ng/ml



#24 AR-1248-4

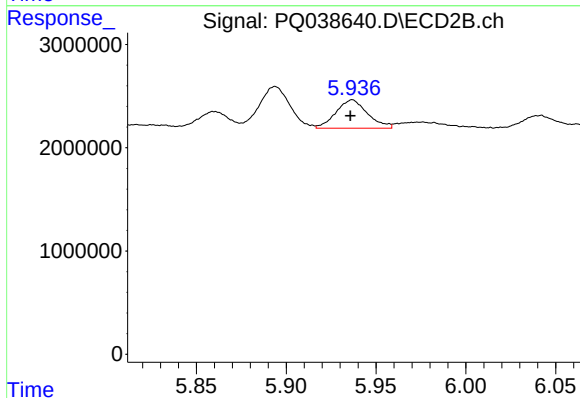
R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 3469142
Conc: 30.23 ng/ml



#25 AR-1248-5

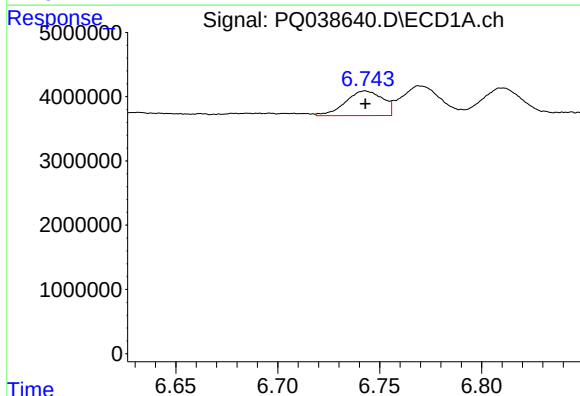
R.T.: 6.810 min
Delta R.T.: 0.000 min
Response: 5958925
Conc: 35.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



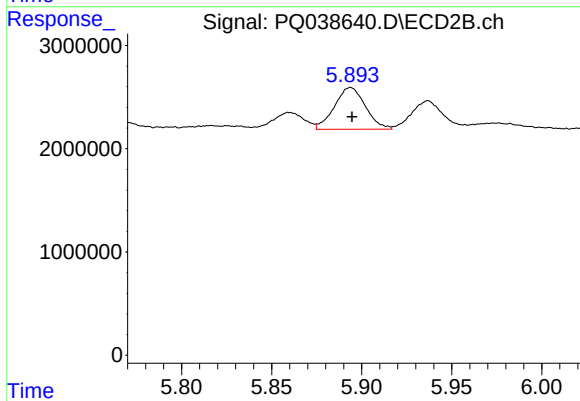
#25 AR-1248-5

R.T.: 5.937 min
Delta R.T.: 0.001 min
Response: 3369697
Conc: 31.10 ng/ml



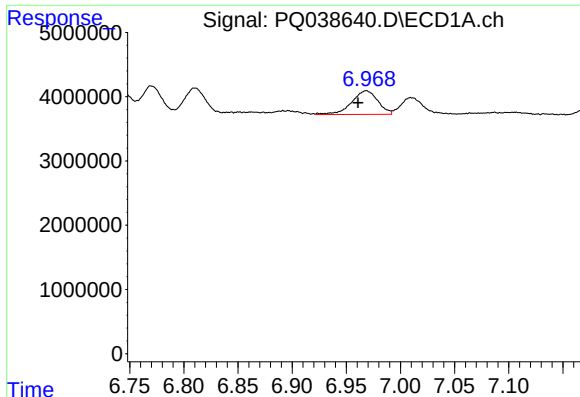
#26 AR-1254-1

R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 4906216
Conc: 25.00 ng/ml



#26 AR-1254-1

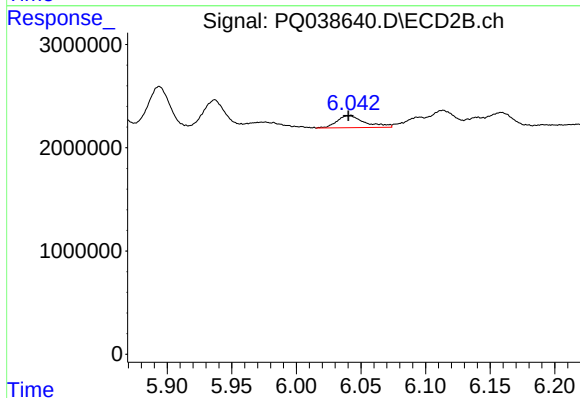
R.T.: 5.894 min
Delta R.T.: 0.000 min
Response: 4835926
Conc: 26.20 ng/ml



#27 AR-1254-2

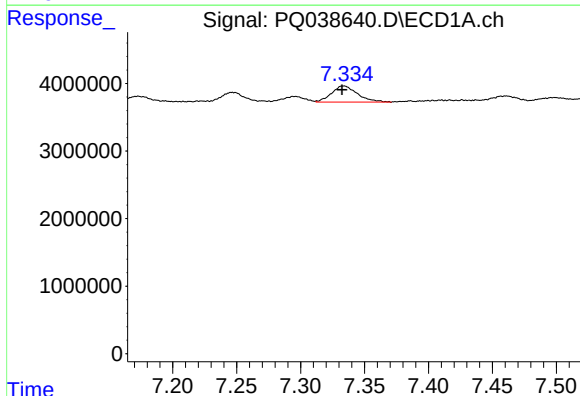
R.T.: 6.968 min
Delta R.T.: 0.007 min
Response: 6211664
Conc: 21.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



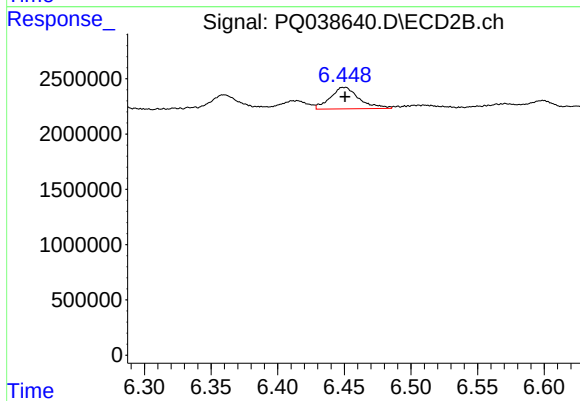
#27 AR-1254-2

R.T.: 6.041 min
Delta R.T.: 0.001 min
Response: 1755237
Conc: 11.22 ng/ml



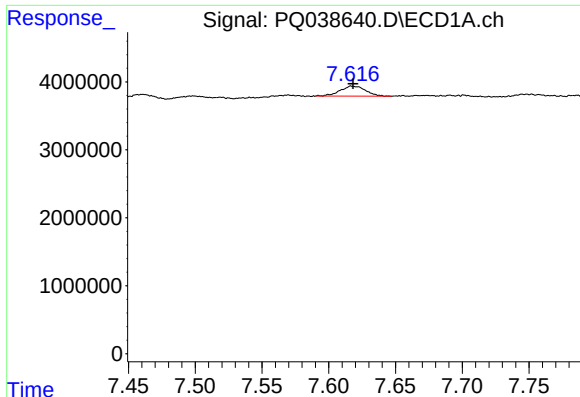
#28 AR-1254-3

R.T.: 7.334 min
Delta R.T.: 0.001 min
Response: 3370030
Conc: 11.26 ng/ml



#28 AR-1254-3

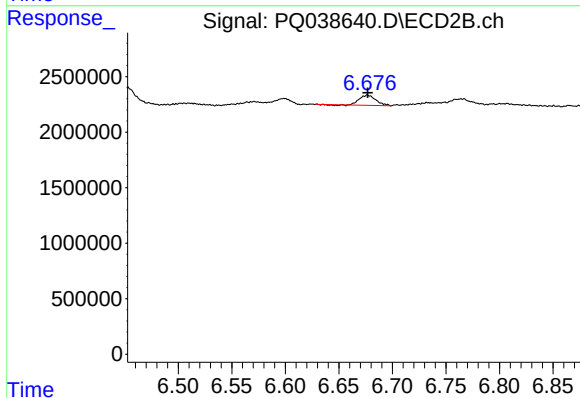
R.T.: 6.450 min
Delta R.T.: 0.000 min
Response: 2947106
Conc: 11.35 ng/ml



#29 AR-1254-4

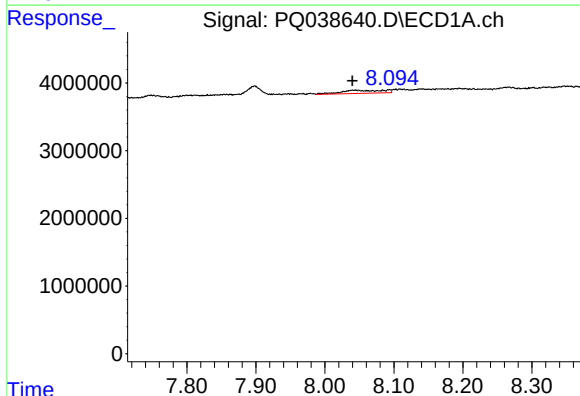
R.T.: 7.617 min
Delta R.T.: 0.000 min
Response: 1976316
Conc: 9.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



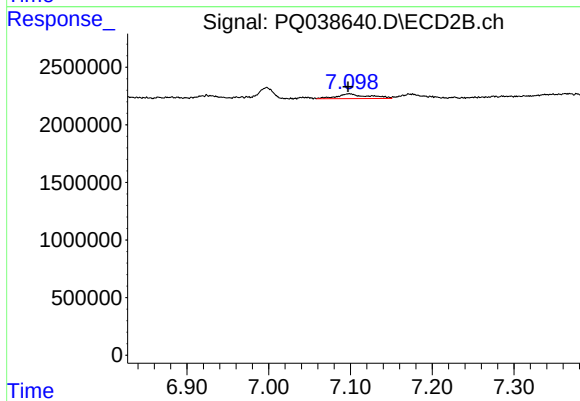
#29 AR-1254-4

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 963018
Conc: 5.67 ng/ml



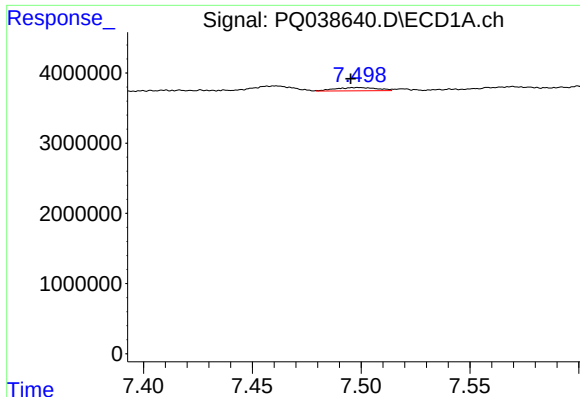
#30 AR-1254-5

R.T.: 8.045 min
Delta R.T.: 0.005 min
Response: 1866891
Conc: 7.07 ng/ml



#30 AR-1254-5

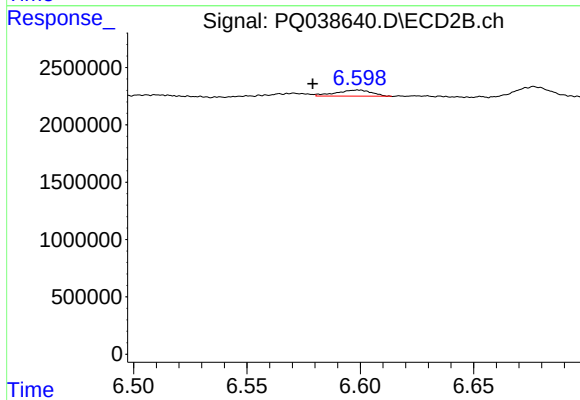
R.T.: 7.099 min
Delta R.T.: 0.001 min
Response: 1107613
Conc: 5.25 ng/ml



#31 AR-1260-1

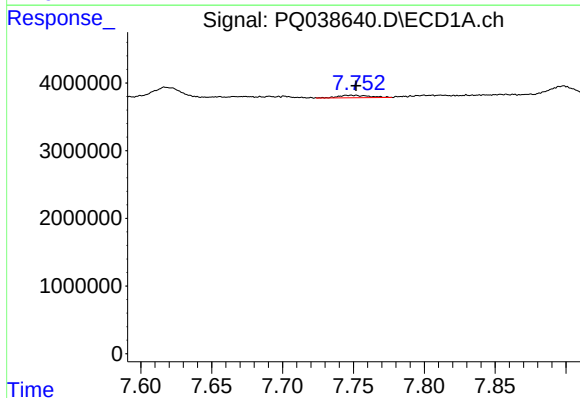
R.T.: 7.499 min
Delta R.T.: 0.003 min
Response: 615936
Conc: 2.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



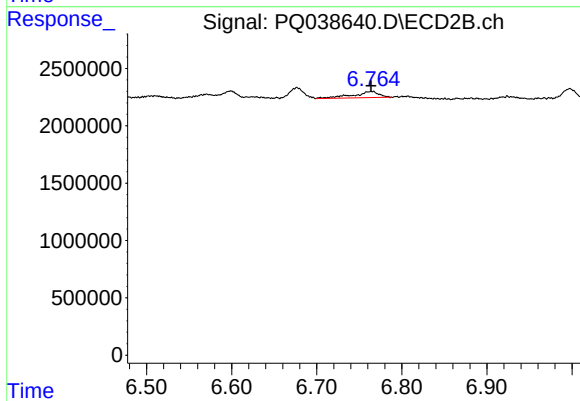
#31 AR-1260-1

R.T.: 6.599 min
Delta R.T.: 0.020 min
Response: 575404
Conc: 3.18 ng/ml



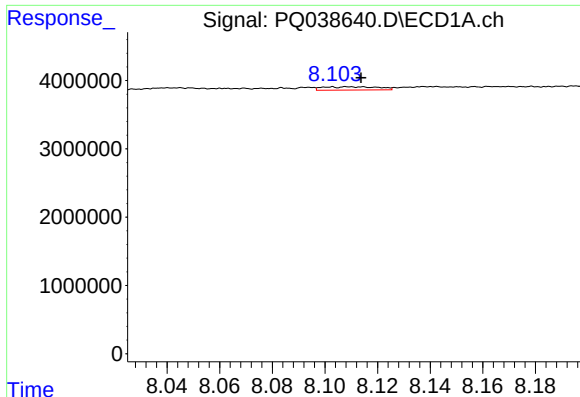
#32 AR-1260-2

R.T.: 7.747 min
Delta R.T.: -0.005 min
Response: 547159
Conc: 1.84 ng/ml



#32 AR-1260-2

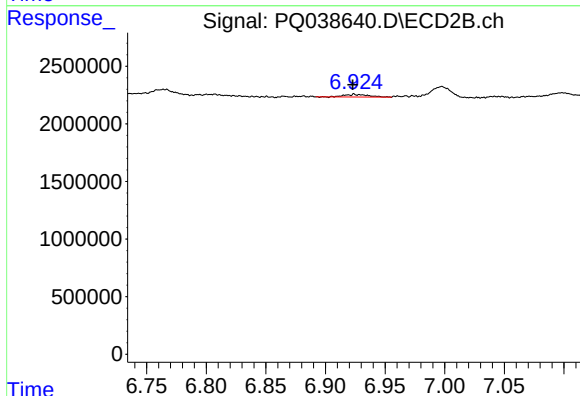
R.T.: 6.765 min
Delta R.T.: 0.001 min
Response: 1132362
Conc: 5.21 ng/ml



#33 AR-1260-3

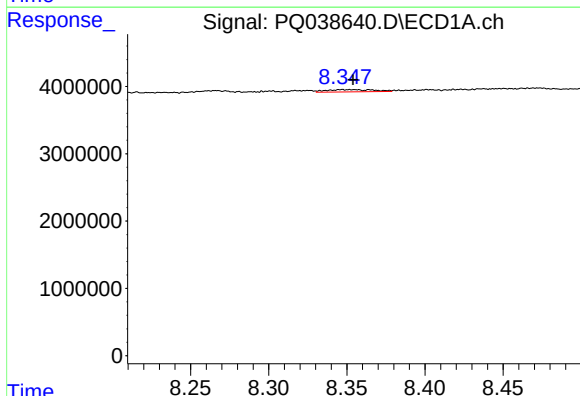
R.T.: 8.109 min
Delta R.T.: -0.005 min
Response: 701319
Conc: 3.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



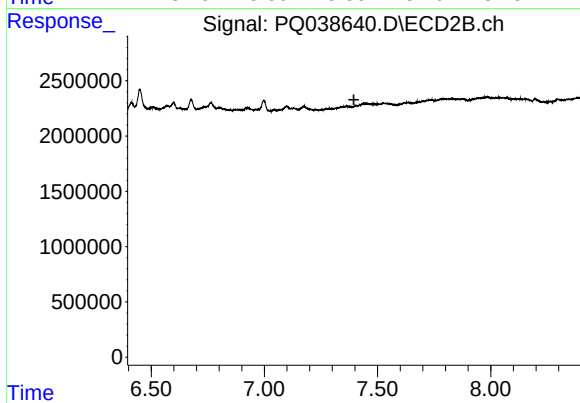
#33 AR-1260-3

R.T.: 6.924 min
Delta R.T.: 0.001 min
Response: 322157
Conc: 1.58 ng/ml



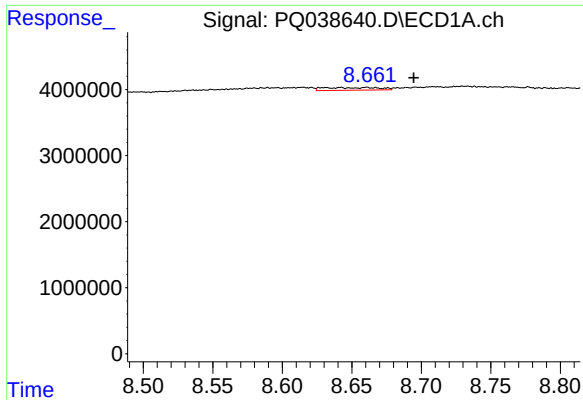
#34 AR-1260-4

R.T.: 8.347 min
Delta R.T.: -0.007 min
Response: 729686
Conc: 2.75 ng/ml



#34 AR-1260-4

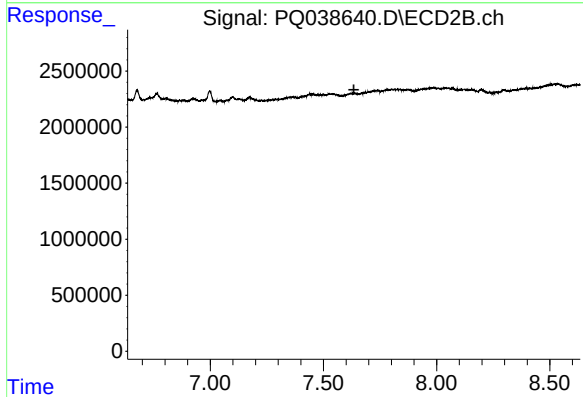
R.T.: 7.439 min
Delta R.T.: 0.043 min
Response: -126739
Conc: N.D.



#35 AR-1260-5

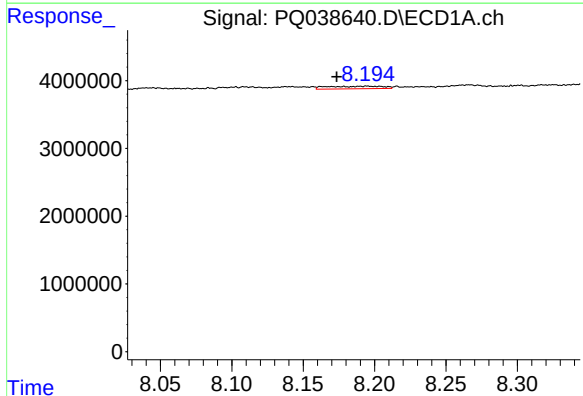
R.T.: 8.661 min
Delta R.T.: -0.033 min
Response: 1153860
Conc: 2.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



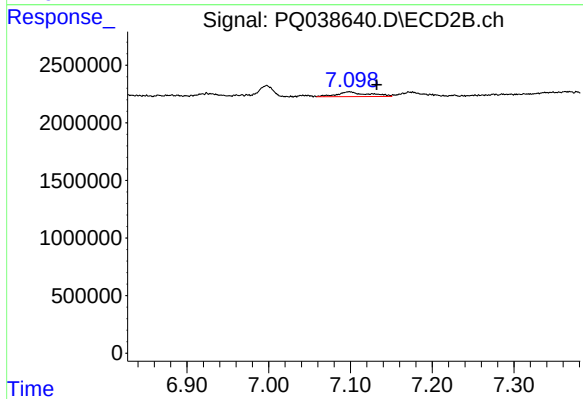
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.634 min
Response: 0
Conc: N.D.



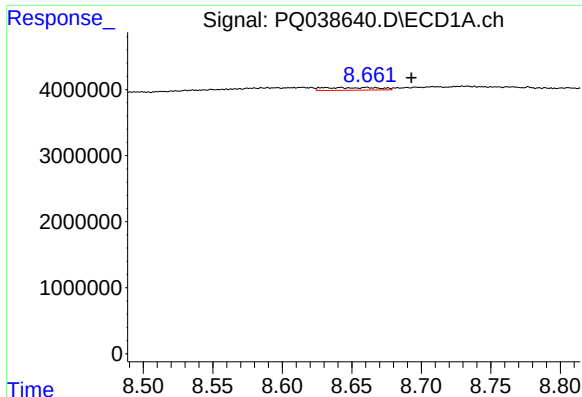
#36 AR-1262-1

R.T.: 8.195 min
Delta R.T.: 0.022 min
Response: 1056946
Conc: 8.34 ng/ml



#36 AR-1262-1

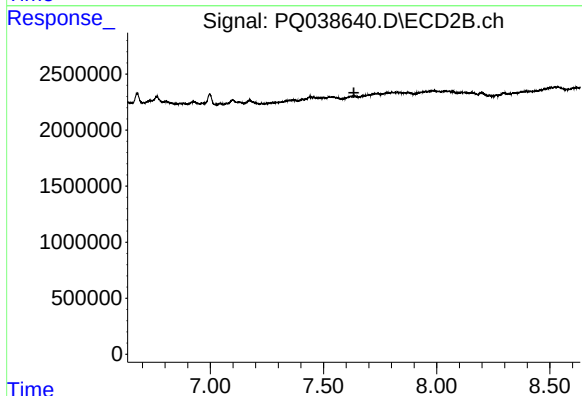
R.T.: 7.099 min
Delta R.T.: -0.034 min
Response: 1107613
Conc: 4.63 ng/ml



#37 AR-1262-2

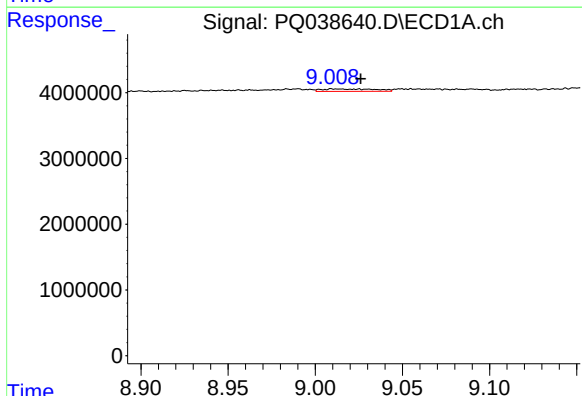
R.T.: 8.661 min
Delta R.T.: -0.032 min
Response: 1153860
Conc: 2.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



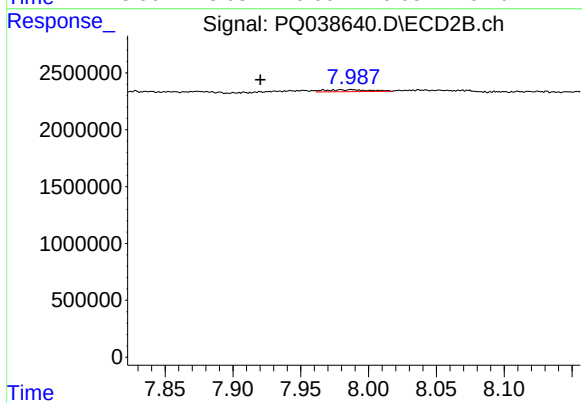
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.634 min
Response: 0
Conc: N.D.



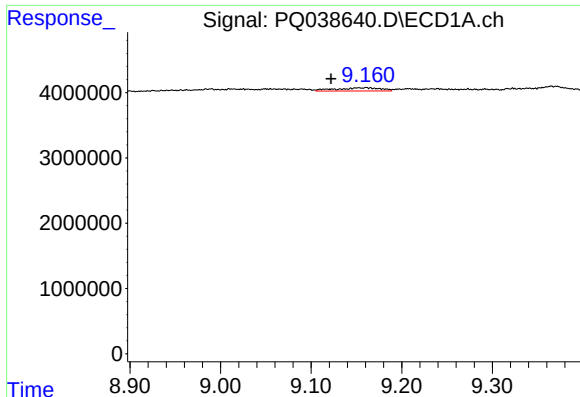
#38 AR-1262-3

R.T.: 9.025 min
Delta R.T.: 0.000 min
Response: 795679
Conc: 2.27 ng/ml



#38 AR-1262-3

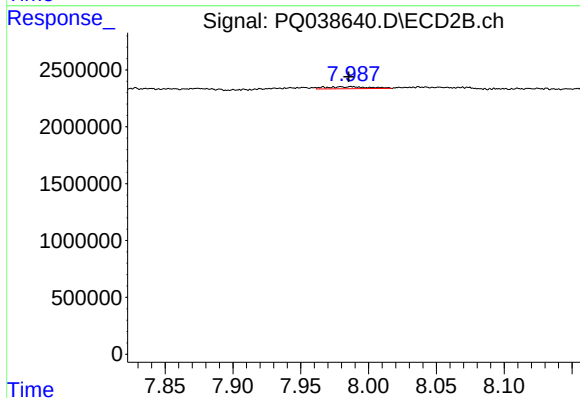
R.T.: 7.979 min
Delta R.T.: 0.059 min
Response: 380677
Conc: 2.39 ng/ml



#39 AR-1262-4

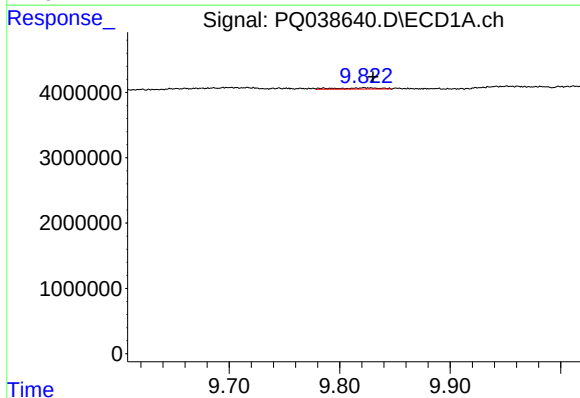
R.T.: 9.161 min
Delta R.T.: 0.039 min
Response: 1672911
Conc: 5.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



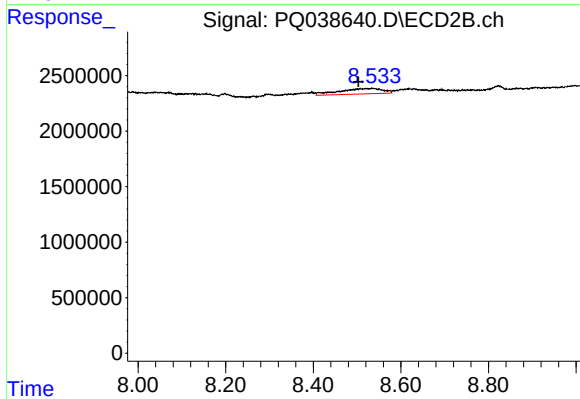
#39 AR-1262-4

R.T.: 7.979 min
Delta R.T.: -0.006 min
Response: 380677
Conc: 1.25 ng/ml



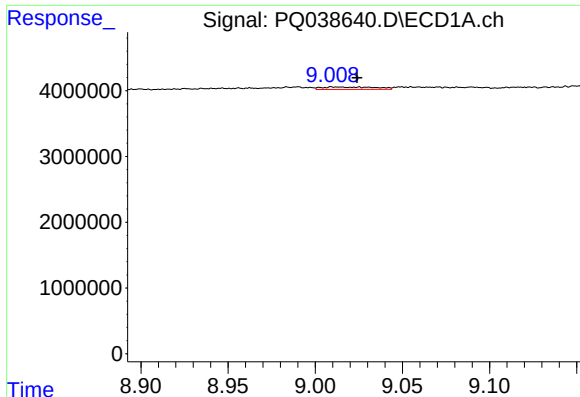
#40 AR-1262-5

R.T.: 9.785 min
Delta R.T.: -0.045 min
Response: 552095
Conc: 3.05 ng/ml



#40 AR-1262-5

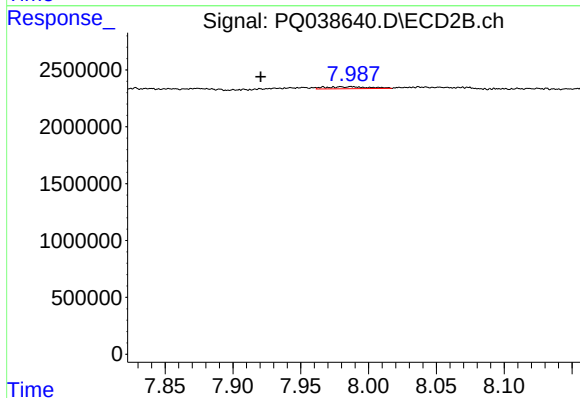
R.T.: 8.534 min
Delta R.T.: 0.031 min
Response: 3413603
Conc: 25.60 ng/ml



#41 AR-1268-1

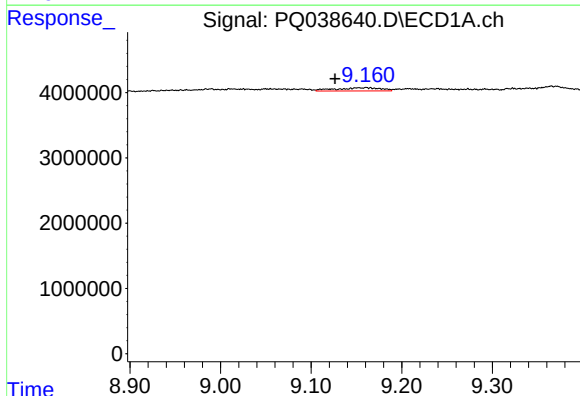
R.T.: 9.025 min
Delta R.T.: 0.001 min
Response: 795679
Conc: 1.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



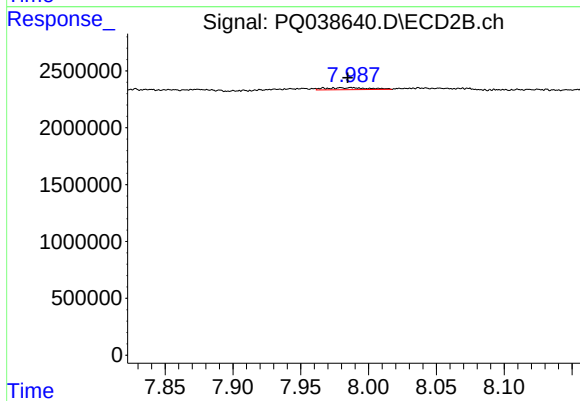
#41 AR-1268-1

R.T.: 7.979 min
Delta R.T.: 0.059 min
Response: 380677
Conc: 0.80 ng/ml



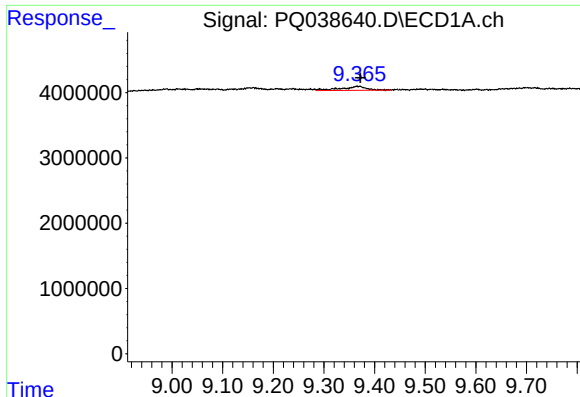
#42 AR-1268-2

R.T.: 9.161 min
Delta R.T.: 0.035 min
Response: 1672911
Conc: 2.73 ng/ml



#42 AR-1268-2

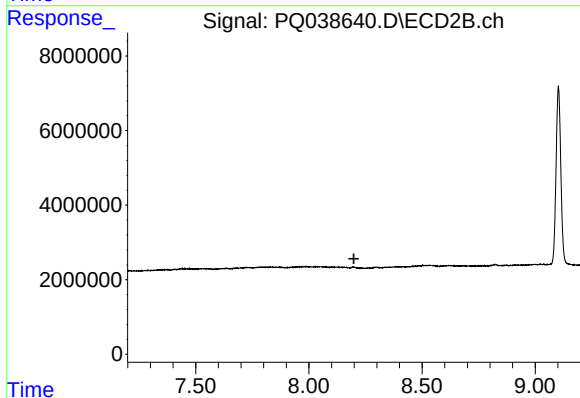
R.T.: 7.979 min
Delta R.T.: -0.005 min
Response: 380677
Conc: 0.87 ng/ml



#43 AR-1268-3

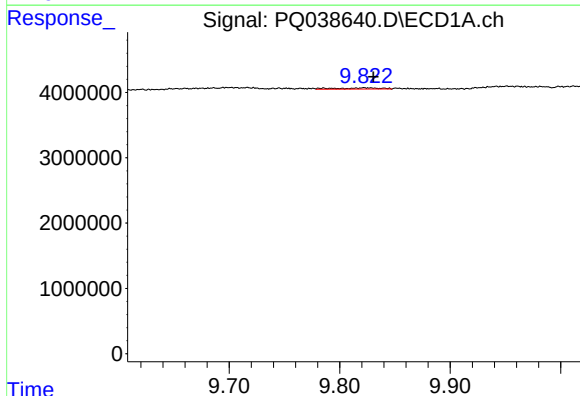
R.T.: 9.367 min
Delta R.T.: -0.005 min
Response: 2157928
Conc: 4.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



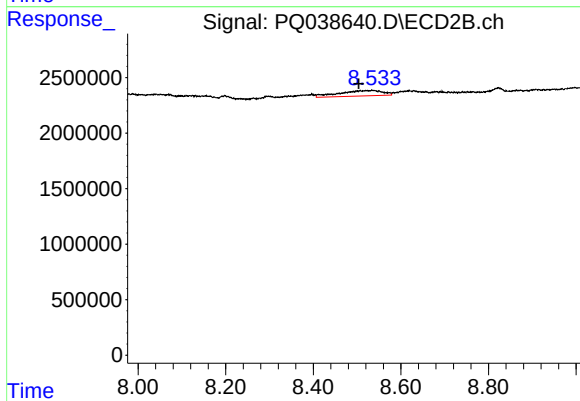
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.199 min
Response: 0
Conc: N.D.



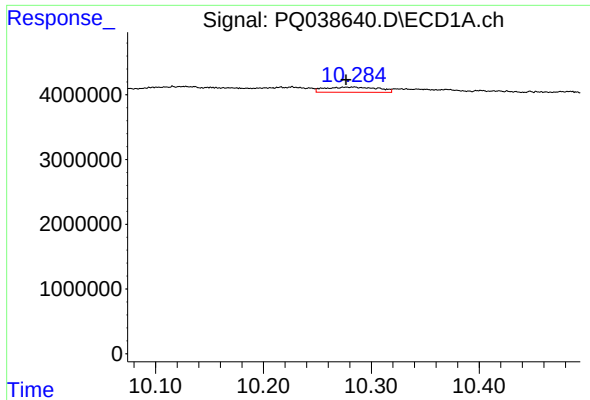
#44 AR-1268-4

R.T.: 9.785 min
Delta R.T.: -0.045 min
Response: 552095
Conc: 2.52 ng/ml



#44 AR-1268-4

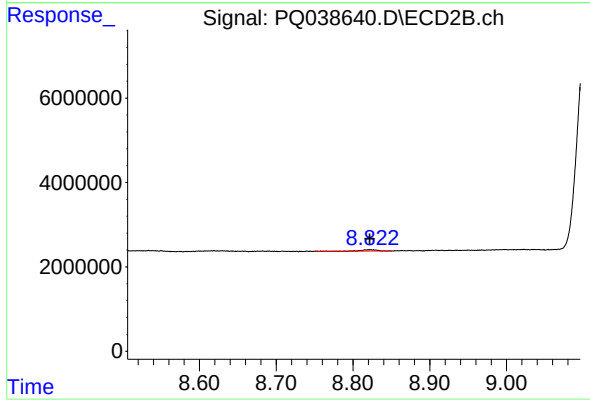
R.T.: 8.534 min
Delta R.T.: 0.030 min
Response: 3413603
Conc: 22.76 ng/ml



#45 AR-1268-5

R.T.: 10.282 min
Delta R.T.: 0.006 min
Response: 2733230
Conc: 1.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.822 min
Delta R.T.: 0.000 min
Response: 421450
Conc: 0.36 ng/ml