

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040319\
 Data File : PQ038649.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Apr 2019 19:49
 Operator : AJ\SJ
 Sample : K1560-01
 Misc : AR1268 LOD 25 PPB
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 03:36:55 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...	4.704	3.985	170.5E6	90591598	23.054	22.107
2)	SA Decachlor...	10.643	9.104	145.4E6	71046744	27.923	22.792
Target Compounds							
3)	L1 AR-1016-1	5.879	0.000	4652569	0	20.333	N.D. #
4)	L1 AR-1016-2	5.879	0.000	4652569	0	13.834	N.D. #
5)	L1 AR-1016-3	5.943	5.324	3550663	71407	17.694	0.774 #
6)	L1 AR-1016-4	6.019	5.324	1409125	71407	8.563	0.892 #
7)	L1 AR-1016-5	6.392	5.492	2920465	135117	18.461	1.318 #
9)	L2 AR-1221-2	5.015	4.292	2228932	991997	44.454	33.728
10)	L2 AR-1221-3	5.015	0.000	2228932	0	13.905	N.D. #
11)	L3 AR-1232-1	5.015	0.000	2228932	0	16.765	N.D. #
12)	L3 AR-1232-2	5.612	0.000	1208095	0	18.690	N.D. #
13)	L3 AR-1232-3	5.879	5.324	4652569	71407	36.211	2.099 #
14)	L3 AR-1232-4	6.019	5.374	1409125	855148	21.594	25.912
15)	L3 AR-1232-5	0.000	5.492	0	135117	N.D.	3.887 #
16)	L4 AR-1242-1	5.879	0.000	4652569	0	28.993	N.D. #
17)	L4 AR-1242-2	5.879	0.000	4652569	0	19.726	N.D. #
18)	L4 AR-1242-3	5.943	5.324	3550663	71407	24.415	1.073 #
19)	L4 AR-1242-4	6.019	5.374	1409125	855148	11.789	12.479
20)	L4 AR-1242-5	6.813	5.866	1399423	233825	12.509	2.702 #
21)	L5 AR-1248-1	5.879	0.000	4652569	0	39.716	N.D. #
22)	L5 AR-1248-2	0.000	5.324	0	71407	N.D.	0.777 #
23)	L5 AR-1248-3	6.392	5.374	2920465	855148	17.003	9.078 #
24)	L5 AR-1248-4	6.744	5.492	1616699	135117	9.115	1.177 #
25)	L5 AR-1248-5	6.813	5.866	1399423	233825	8.250	2.158 #
26)	L6 AR-1254-1	6.744	5.866	1616699	233825	8.239	1.267 #
28)	L6 AR-1254-3	7.350	6.461	1616210	872527	5.402	3.361 #
29)	L6 AR-1254-4	0.000	6.729	0	451798	N.D.	2.658 #
30)	L6 AR-1254-5	8.029	7.099	1078384	317572	4.083	1.505 #
31)	L7 AR-1260-1	7.488	6.519	579817	346060	2.282	1.916
32)	L7 AR-1260-2	0.000	6.761	0	541204	N.D.	2.488 #
33)	L7 AR-1260-3	8.114	0.000	4272207	0	18.658	N.D. #
34)	L7 AR-1260-4	8.375	7.394	6366290	2937667	24.013	17.414 #
35)	L7 AR-1260-5	8.695	7.634	2057764	1516189	4.050	3.752
36)	L8 AR-1262-1	8.180	7.132	1051898	2901711	8.297	12.134 #
37)	L8 AR-1262-2	8.695	7.634	2057764	1516189	3.995	3.601
38)	L8 AR-1262-3	9.026	7.921	21454934	13302563	61.222	83.362 #
39)	L8 AR-1262-4	9.128	7.985	20214254	11802214	69.975	38.753 #
40)	L8 AR-1262-5	9.830	8.504	6531027	5358209	36.052	40.184
41)	L9 AR-1268-1	9.026	7.921	21454934	13302563	34.083	28.128
42)	L9 AR-1268-2	9.128	7.985	20214254	11802214	32.946	27.037
43)	L9 AR-1268-3	9.372	8.199	19227081	11090404	38.116	31.111

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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
44) L9	AR-1268-4	9.830	8.504	6531027	5358209	29.860	35.724
45) L9	AR-1268-5	10.278	8.822	60406912	31125901	35.165	26.943

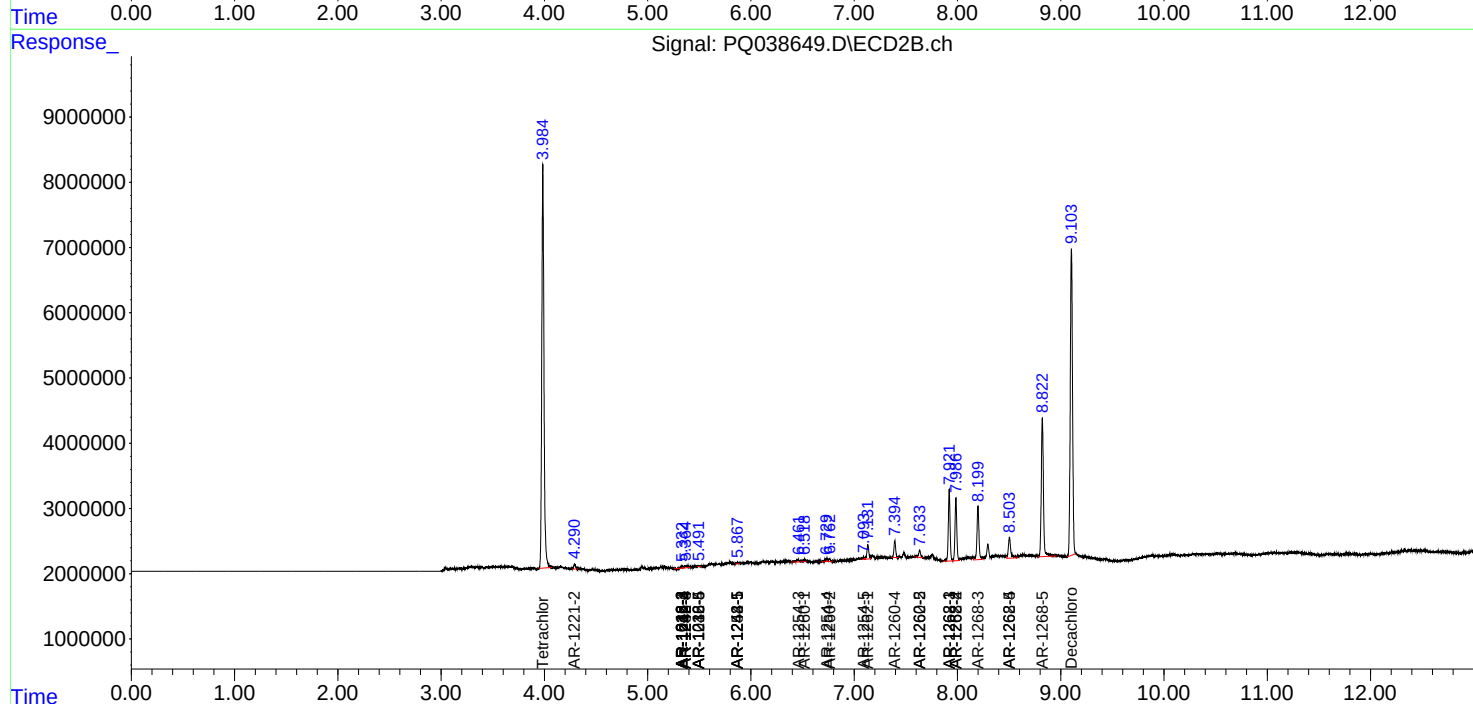
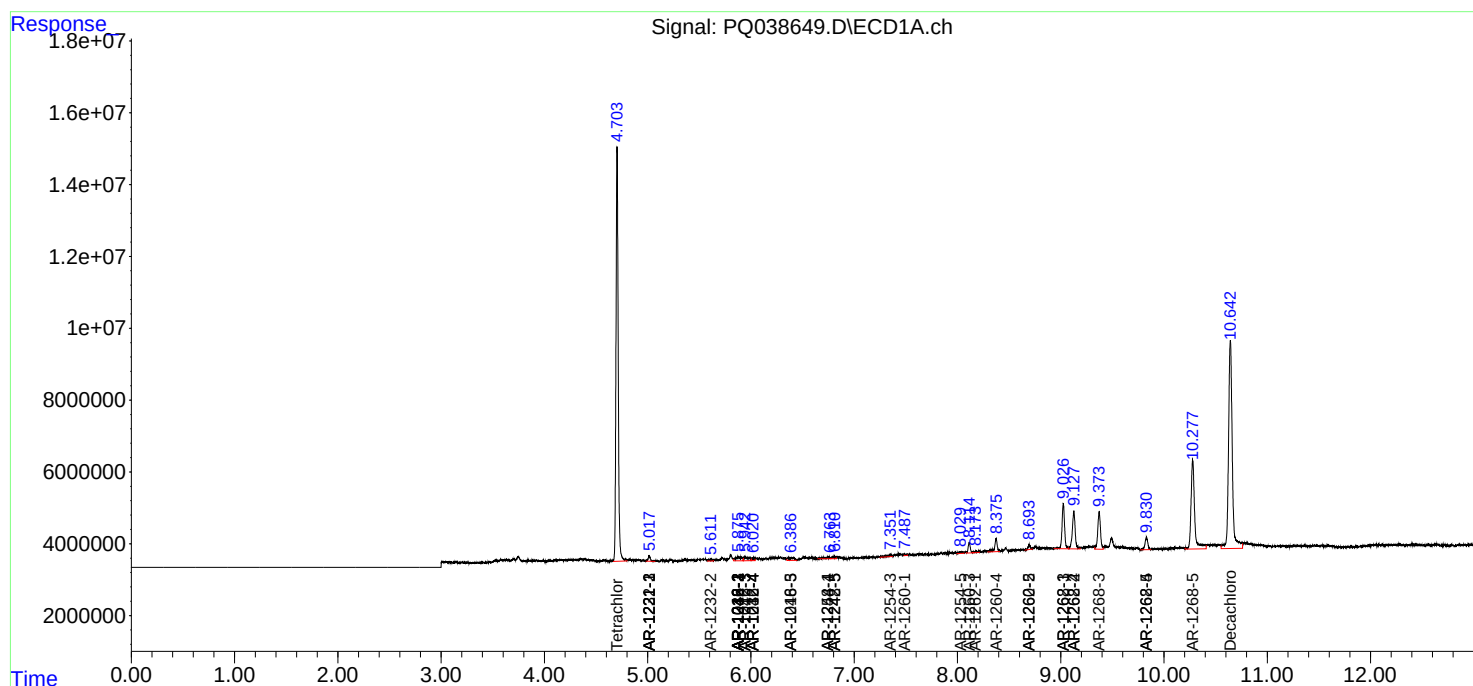
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

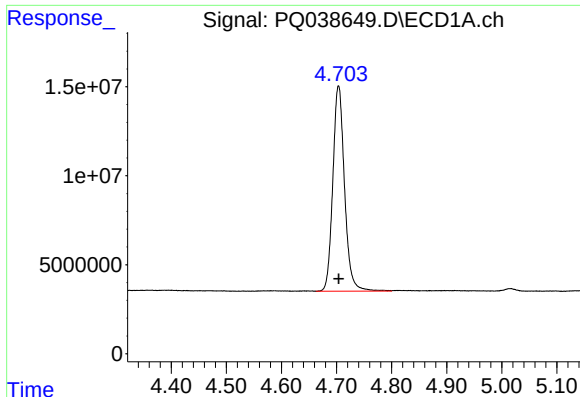
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040319\
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

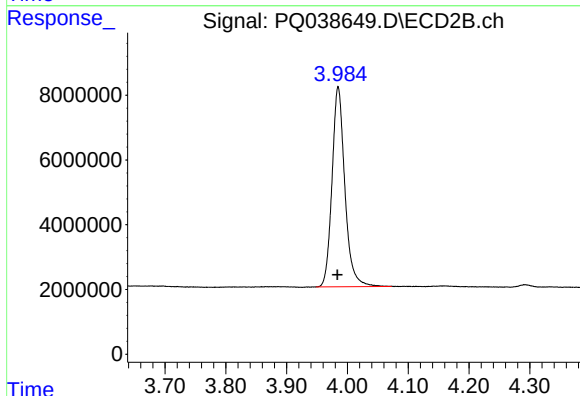




#1 Tetrachloro-m-xylene

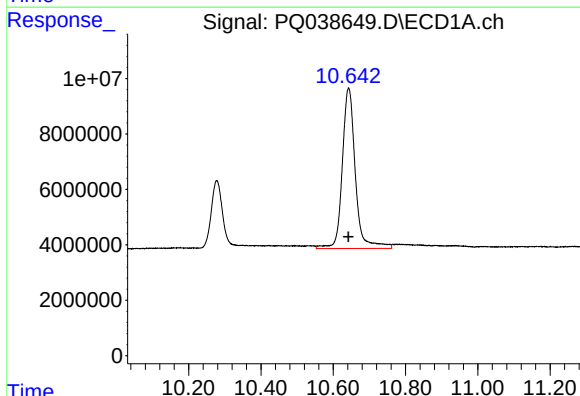
R.T.: 4.704 min
Delta R.T.: 0.000 min
Response: 170529887
Conc: 23.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



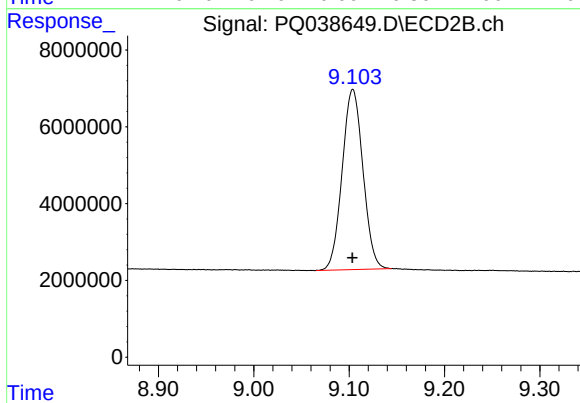
#1 Tetrachloro-m-xylene

R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 90591598
Conc: 22.11 ng/ml



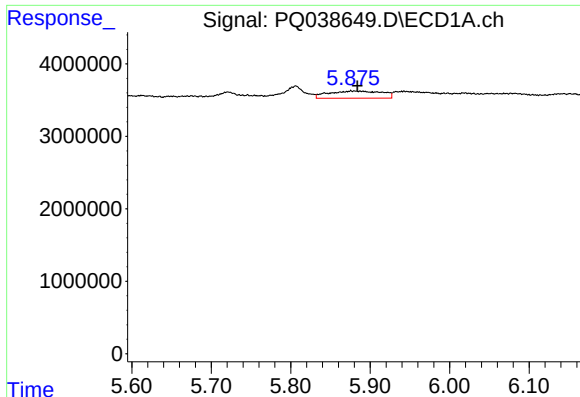
#2 Decachlorobiphenyl

R.T.: 10.643 min
Delta R.T.: 0.000 min
Response: 145361316
Conc: 27.92 ng/ml



#2 Decachlorobiphenyl

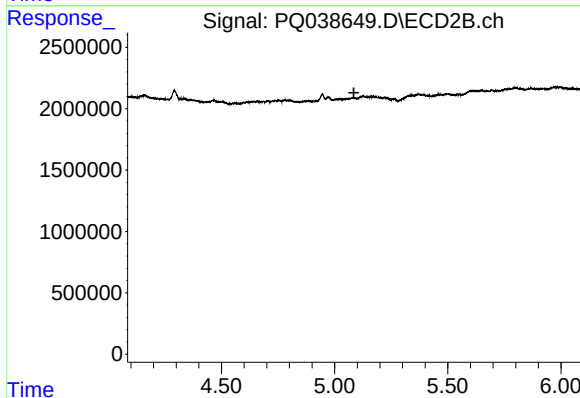
R.T.: 9.104 min
Delta R.T.: 0.000 min
Response: 71046744
Conc: 22.79 ng/ml



#3 AR-1016-1

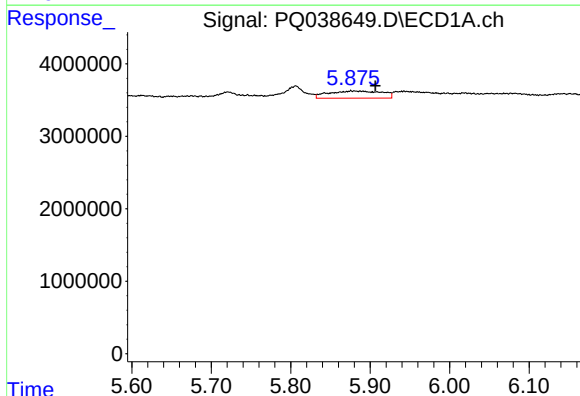
R.T.: 5.879 min
Delta R.T.: -0.005 min
Response: 4652569
Conc: 20.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



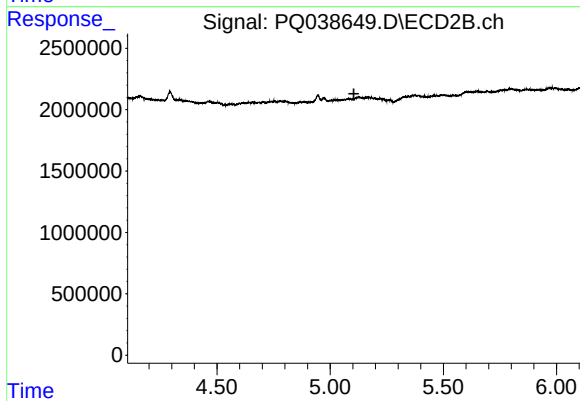
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.085 min
Response: 0
Conc: N.D.



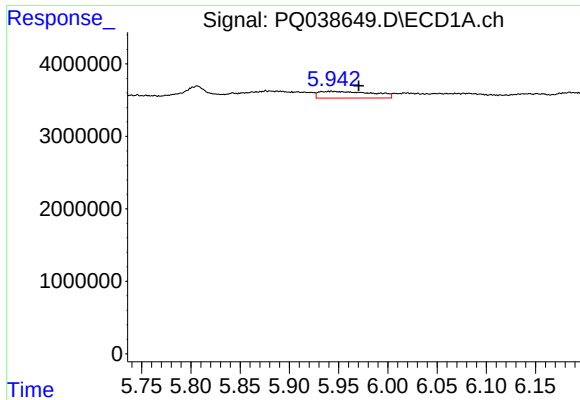
#4 AR-1016-2

R.T.: 5.879 min
Delta R.T.: -0.028 min
Response: 4652569
Conc: 13.83 ng/ml



#4 AR-1016-2

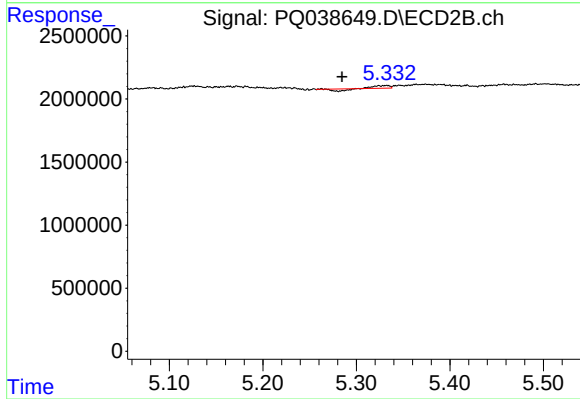
R.T.: 0.000 min
Exp R.T. : 5.105 min
Response: 0
Conc: N.D.



#5 AR-1016-3

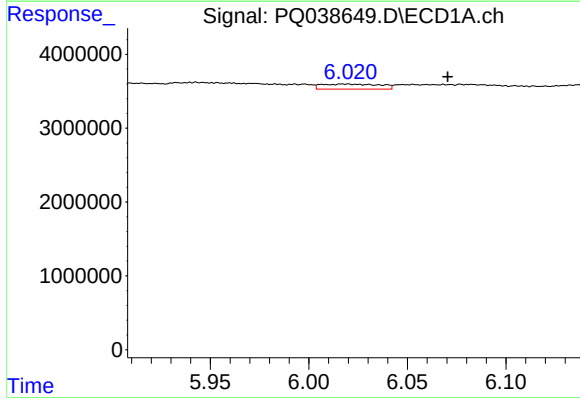
R.T.: 5.943 min
Delta R.T.: -0.028 min
Response: 3550663
Conc: 17.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



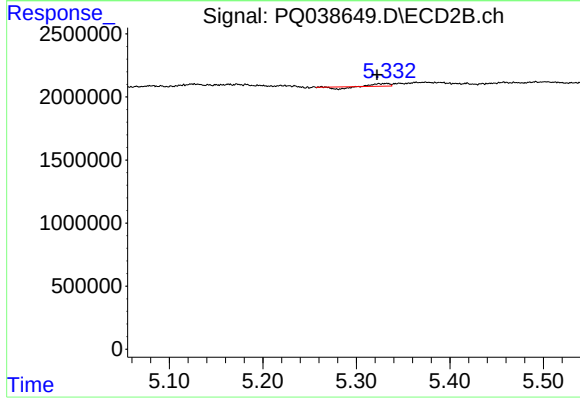
#5 AR-1016-3

R.T.: 5.324 min
Delta R.T.: 0.039 min
Response: 71407
Conc: 0.77 ng/ml



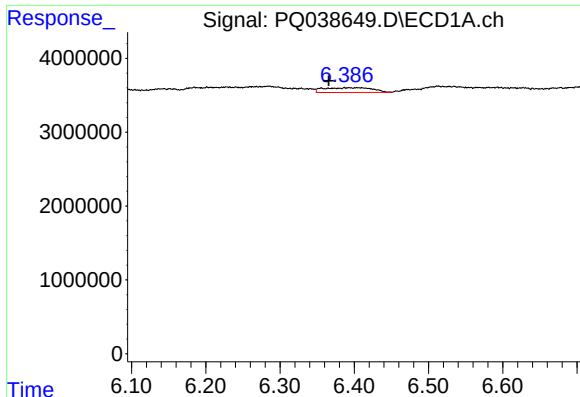
#6 AR-1016-4

R.T.: 6.019 min
Delta R.T.: -0.051 min
Response: 1409125
Conc: 8.56 ng/ml



#6 AR-1016-4

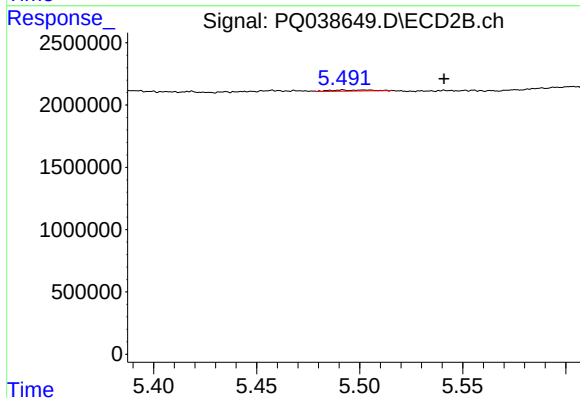
R.T.: 5.324 min
Delta R.T.: 0.002 min
Response: 71407
Conc: 0.89 ng/ml



#7 AR-1016-5

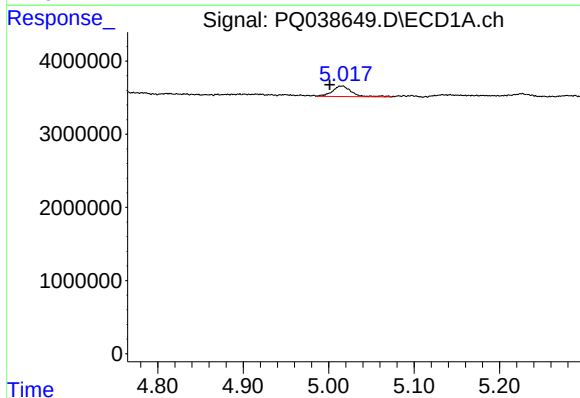
R.T.: 6.392 min
Delta R.T.: 0.026 min
Response: 2920465
Conc: 18.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



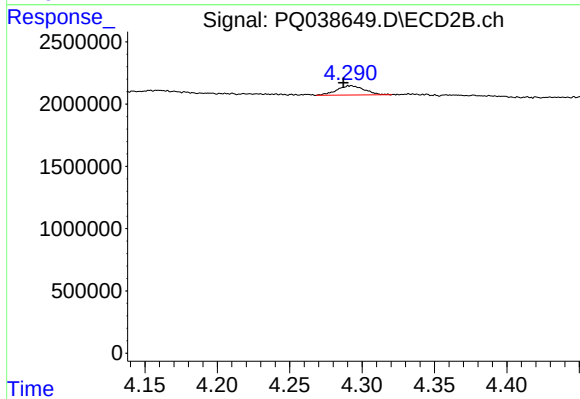
#7 AR-1016-5

R.T.: 5.492 min
Delta R.T.: -0.049 min
Response: 135117
Conc: 1.32 ng/ml



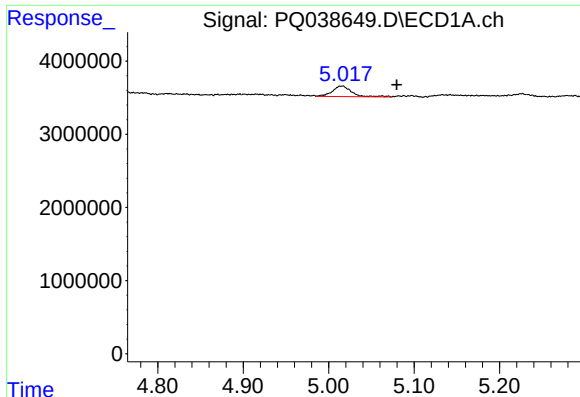
#9 AR-1221-2

R.T.: 5.015 min
Delta R.T.: 0.014 min
Response: 2228932
Conc: 44.45 ng/ml



#9 AR-1221-2

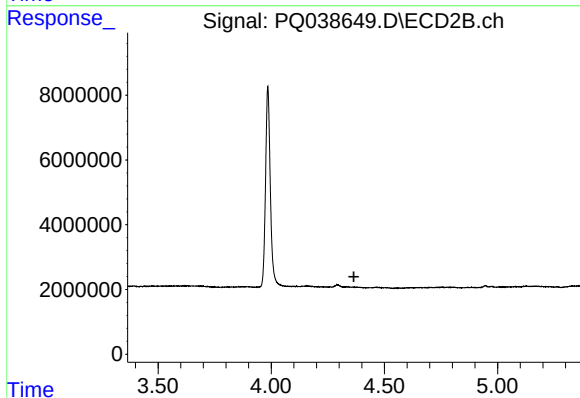
R.T.: 4.292 min
Delta R.T.: 0.005 min
Response: 991997
Conc: 33.73 ng/ml



#10 AR-1221-3

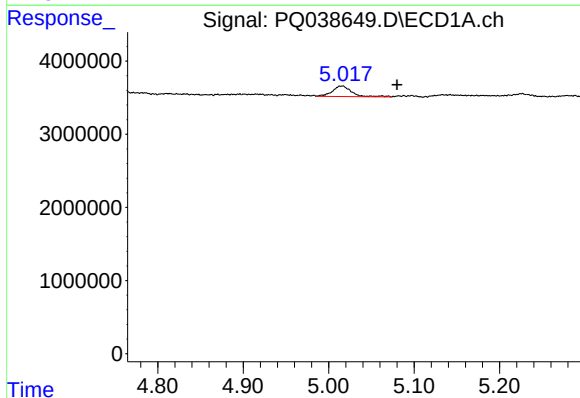
R.T.: 5.015 min
Delta R.T.: -0.064 min
Response: 2228932
Conc: 13.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



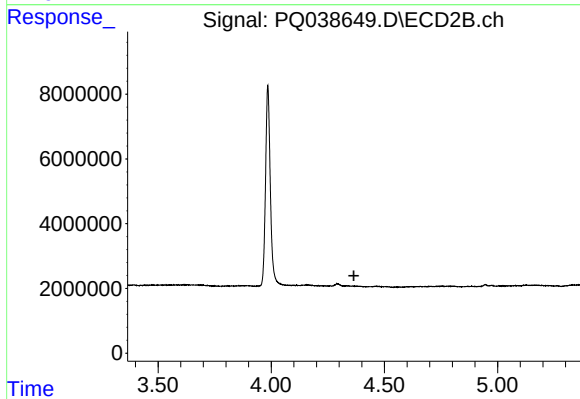
#10 AR-1221-3

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



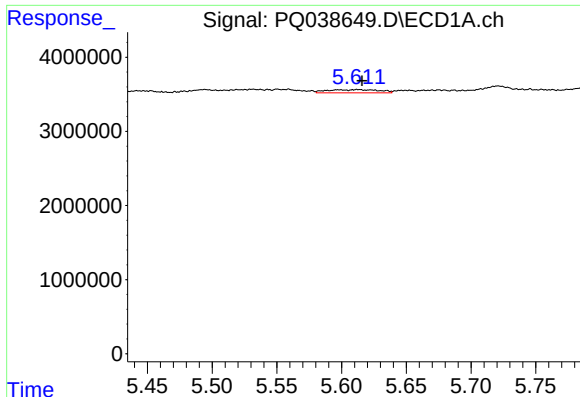
#11 AR-1232-1

R.T.: 5.015 min
Delta R.T.: -0.065 min
Response: 2228932
Conc: 16.77 ng/ml



#11 AR-1232-1

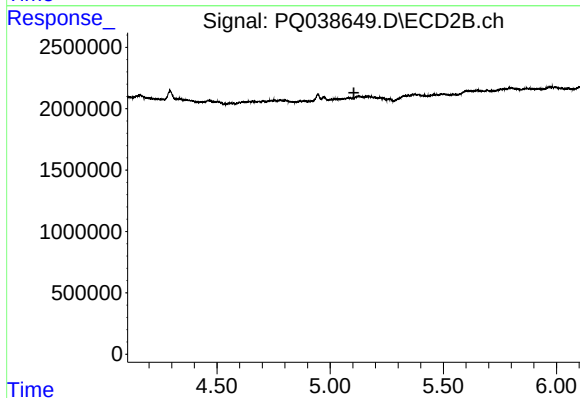
R.T.: 0.000 min
Exp R.T. : 4.365 min
Response: 0
Conc: N.D.



#12 AR-1232-2

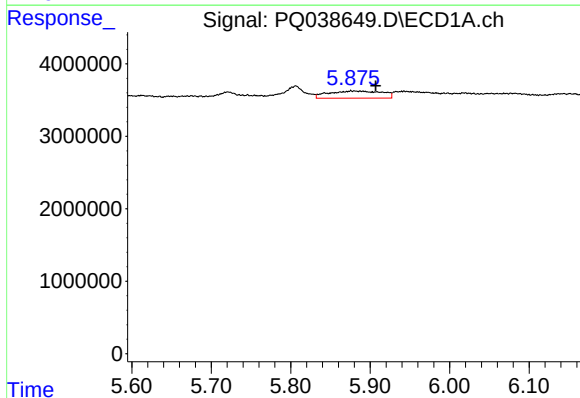
R.T.: 5.612 min
Delta R.T.: -0.004 min
Response: 1208095
Conc: 18.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



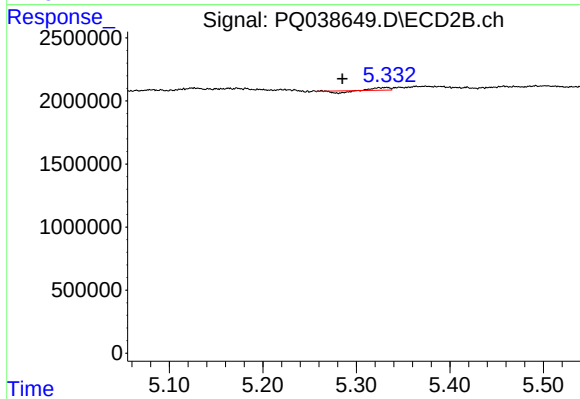
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.105 min
Response: 0
Conc: N.D.



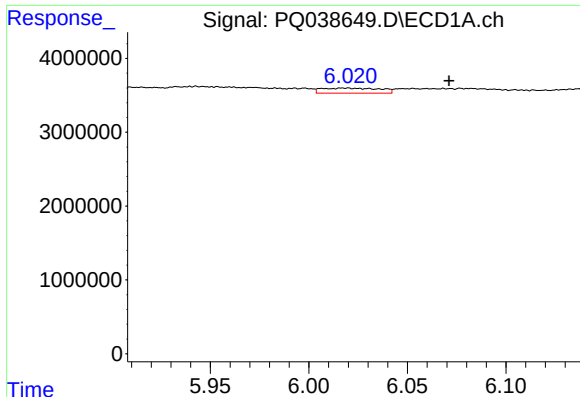
#13 AR-1232-3

R.T.: 5.879 min
Delta R.T.: -0.028 min
Response: 4652569
Conc: 36.21 ng/ml



#13 AR-1232-3

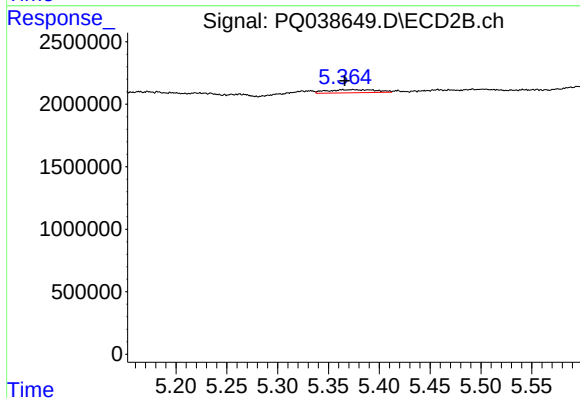
R.T.: 5.324 min
Delta R.T.: 0.039 min
Response: 71407
Conc: 2.10 ng/ml



#14 AR-1232-4

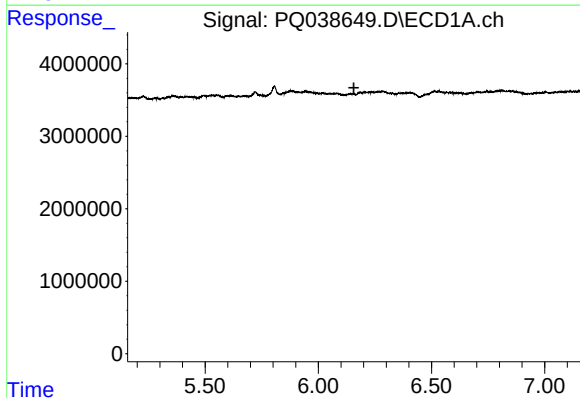
R.T.: 6.019 min
Delta R.T.: -0.052 min
Response: 1409125
Conc: 21.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



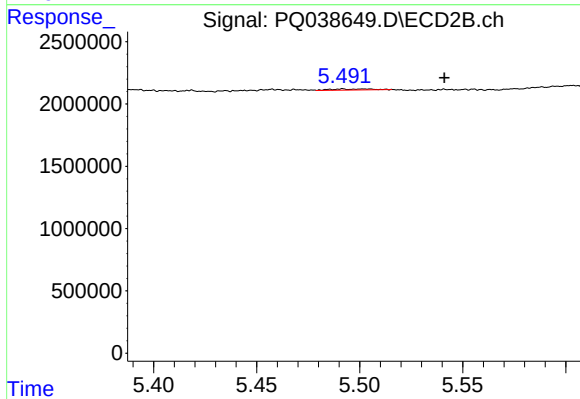
#14 AR-1232-4

R.T.: 5.374 min
Delta R.T.: 0.008 min
Response: 855148
Conc: 25.91 ng/ml



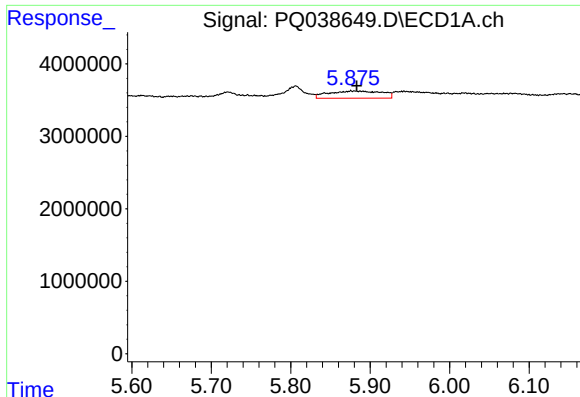
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 6.157 min
Response: 0
Conc: N.D.



#15 AR-1232-5

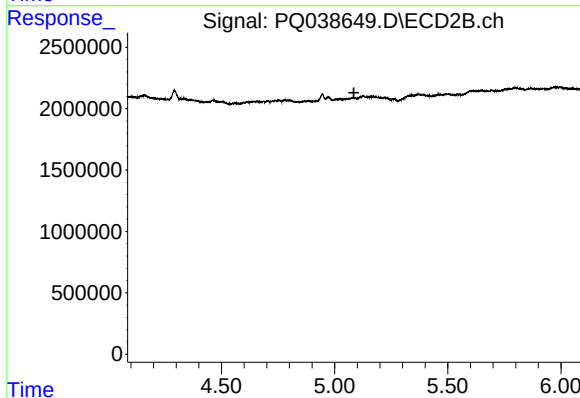
R.T.: 5.492 min
Delta R.T.: -0.049 min
Response: 135117
Conc: 3.89 ng/ml



#16 AR-1242-1

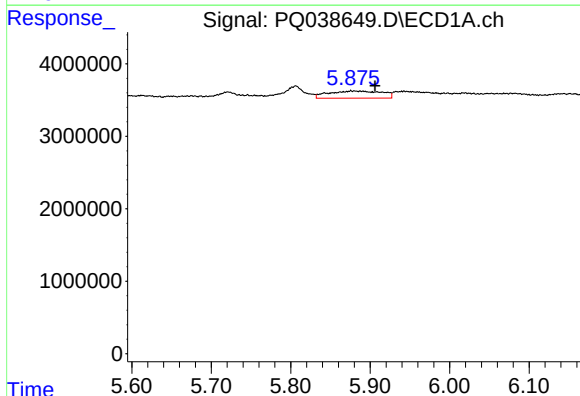
R.T.: 5.879 min
Delta R.T.: -0.004 min
Response: 4652569
Conc: 28.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



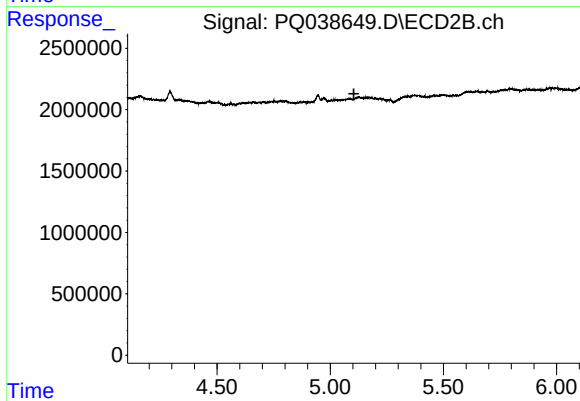
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.085 min
Response: 0
Conc: N.D.



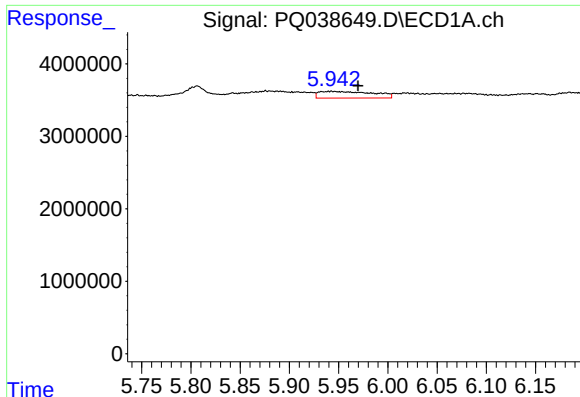
#17 AR-1242-2

R.T.: 5.879 min
Delta R.T.: -0.027 min
Response: 4652569
Conc: 19.73 ng/ml



#17 AR-1242-2

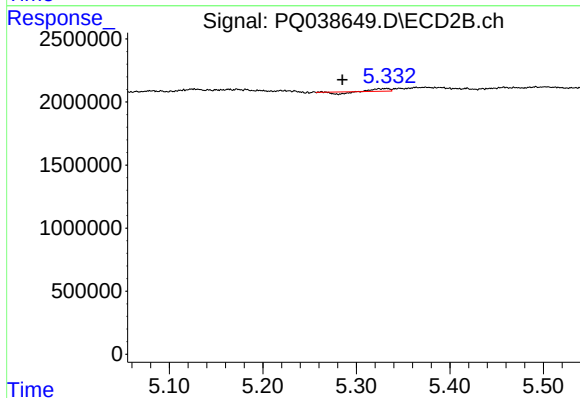
R.T.: 0.000 min
Exp R.T. : 5.105 min
Response: 0
Conc: N.D.



#18 AR-1242-3

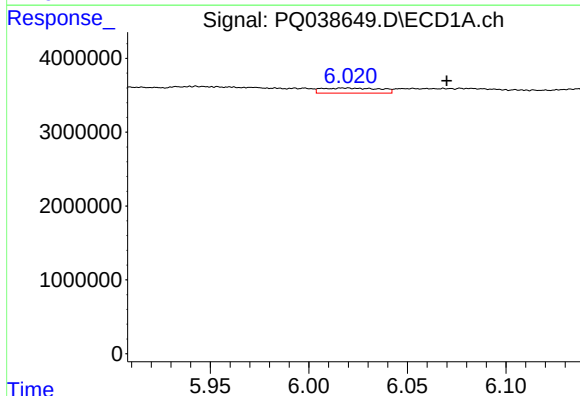
R.T.: 5.943 min
Delta R.T.: -0.027 min
Response: 3550663
Conc: 24.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



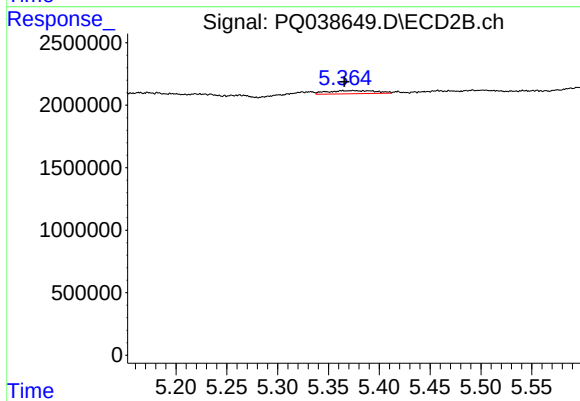
#18 AR-1242-3

R.T.: 5.324 min
Delta R.T.: 0.039 min
Response: 71407
Conc: 1.07 ng/ml



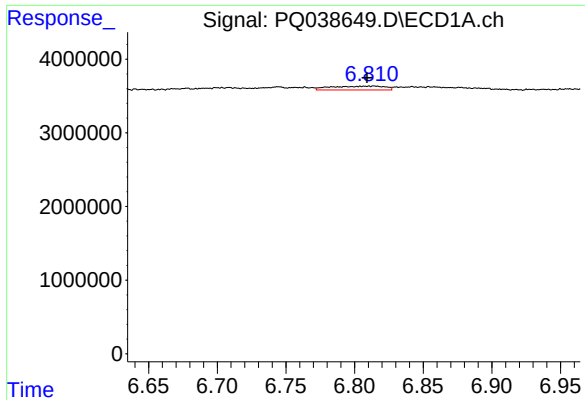
#19 AR-1242-4

R.T.: 6.019 min
Delta R.T.: -0.051 min
Response: 1409125
Conc: 11.79 ng/ml



#19 AR-1242-4

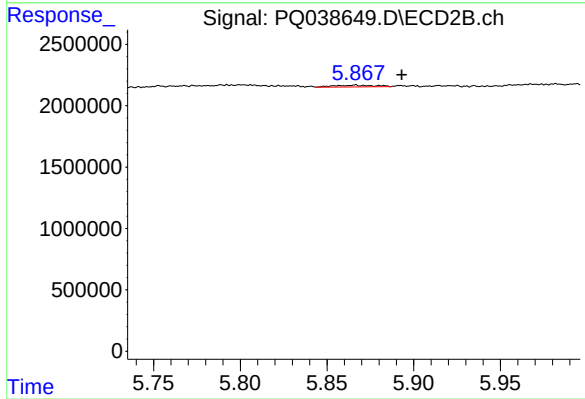
R.T.: 5.374 min
Delta R.T.: 0.008 min
Response: 855148
Conc: 12.48 ng/ml



#20 AR-1242-5

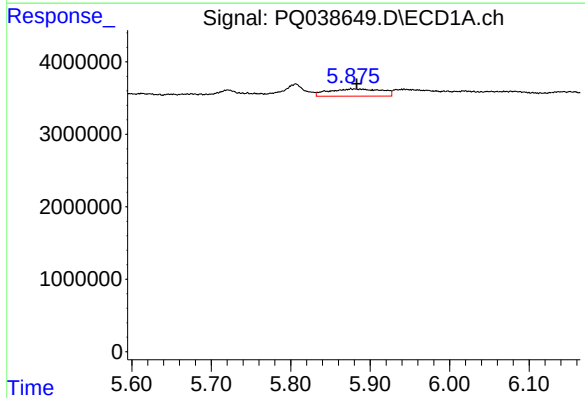
R.T.: 6.813 min
Delta R.T.: 0.004 min
Response: 1399423
Conc: 12.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



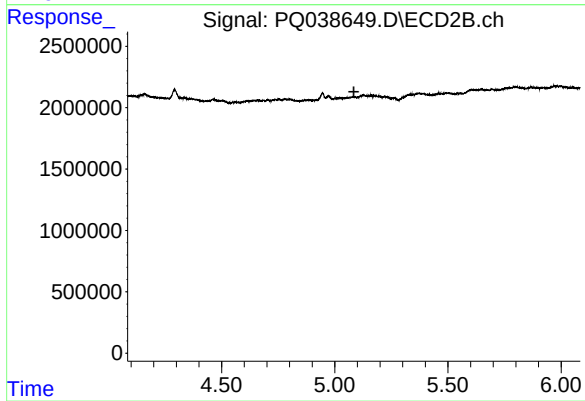
#20 AR-1242-5

R.T.: 5.866 min
Delta R.T.: -0.027 min
Response: 233825
Conc: 2.70 ng/ml



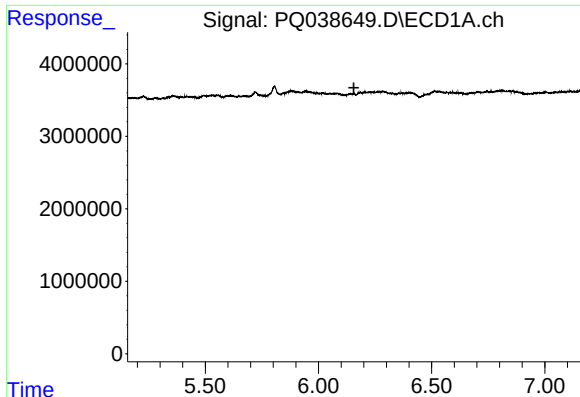
#21 AR-1248-1

R.T.: 5.879 min
Delta R.T.: -0.004 min
Response: 4652569
Conc: 39.72 ng/ml



#21 AR-1248-1

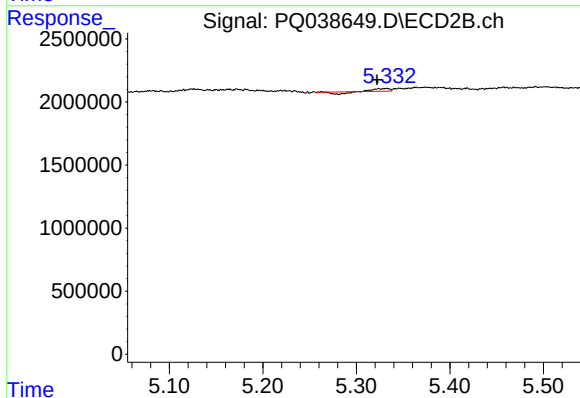
R.T.: 0.000 min
Exp R.T.: 5.085 min
Response: 0
Conc: N.D.



#22 AR-1248-2

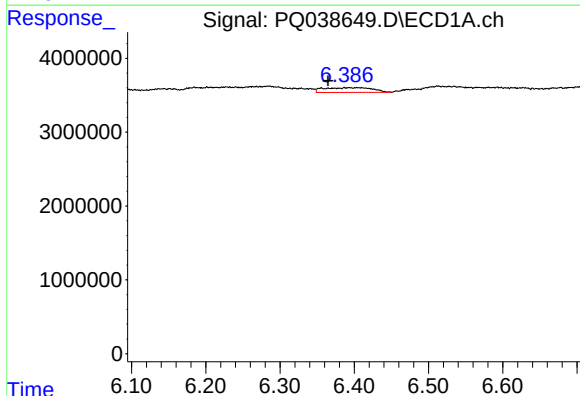
R.T.: 0.000 min
Exp R.T.: 6.157 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



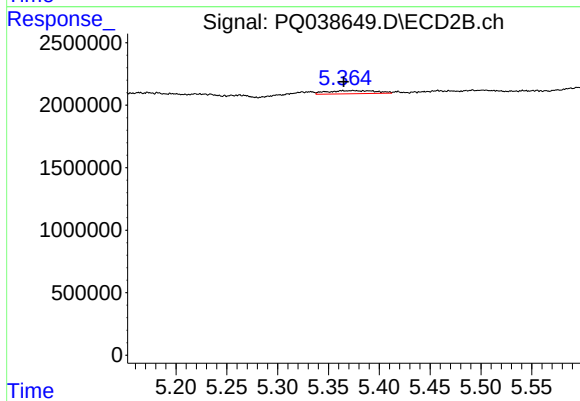
#22 AR-1248-2

R.T.: 5.324 min
Delta R.T.: 0.002 min
Response: 71407
Conc: 0.78 ng/ml



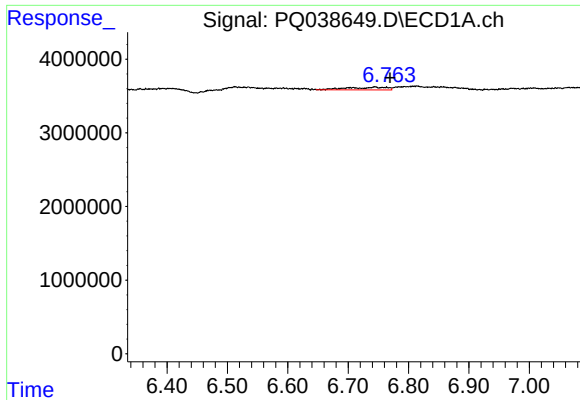
#23 AR-1248-3

R.T.: 6.392 min
Delta R.T.: 0.027 min
Response: 2920465
Conc: 17.00 ng/ml



#23 AR-1248-3

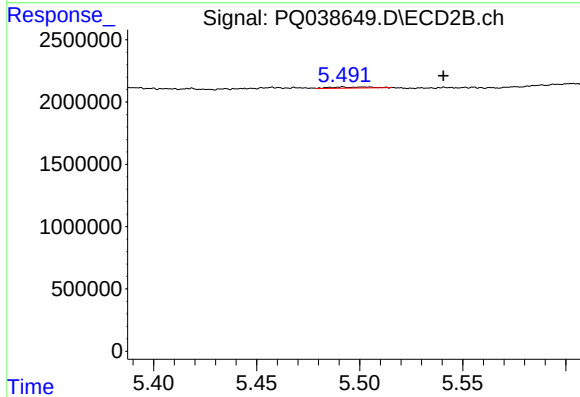
R.T.: 5.374 min
Delta R.T.: 0.009 min
Response: 855148
Conc: 9.08 ng/ml



#24 AR-1248-4

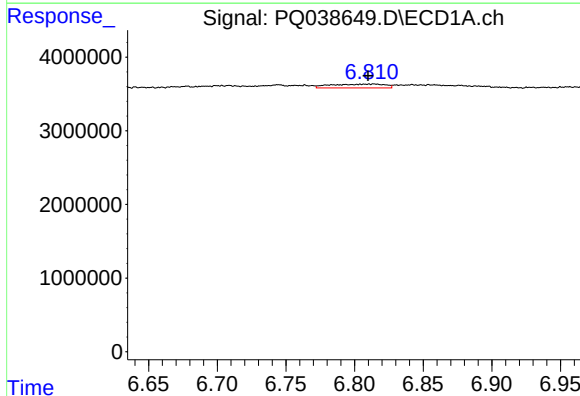
R.T.: 6.744 min
Delta R.T.: -0.026 min
Response: 1616699
Conc: 9.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



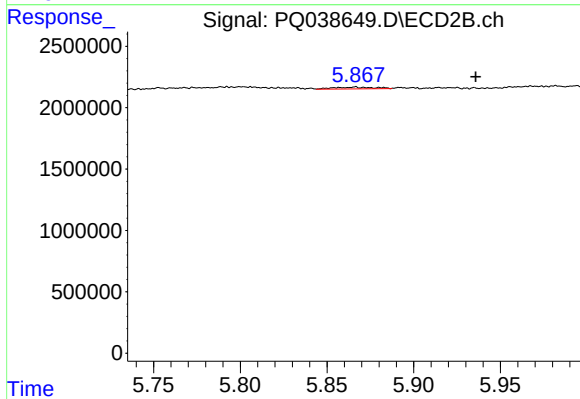
#24 AR-1248-4

R.T.: 5.492 min
Delta R.T.: -0.049 min
Response: 135117
Conc: 1.18 ng/ml



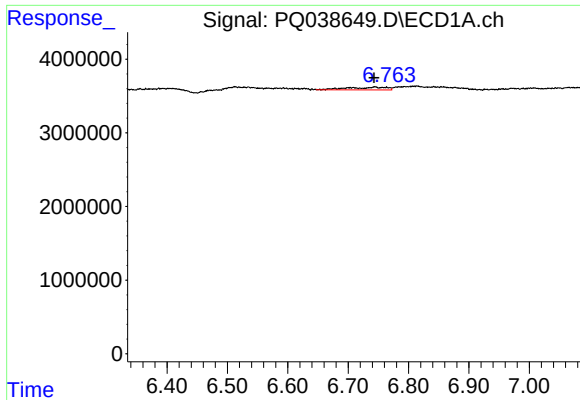
#25 AR-1248-5

R.T.: 6.813 min
Delta R.T.: 0.003 min
Response: 1399423
Conc: 8.25 ng/ml



#25 AR-1248-5

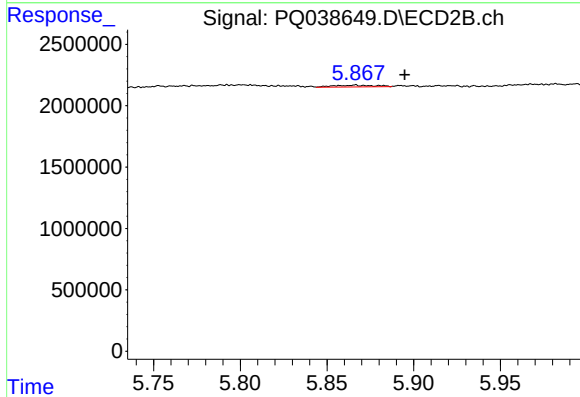
R.T.: 5.866 min
Delta R.T.: -0.069 min
Response: 233825
Conc: 2.16 ng/ml



#26 AR-1254-1

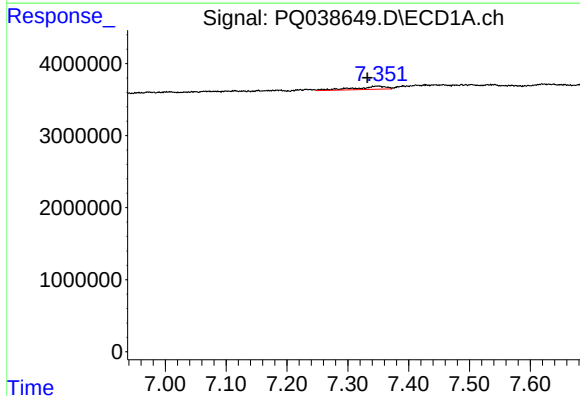
R.T.: 6.744 min
Delta R.T.: 0.001 min
Response: 1616699
Conc: 8.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



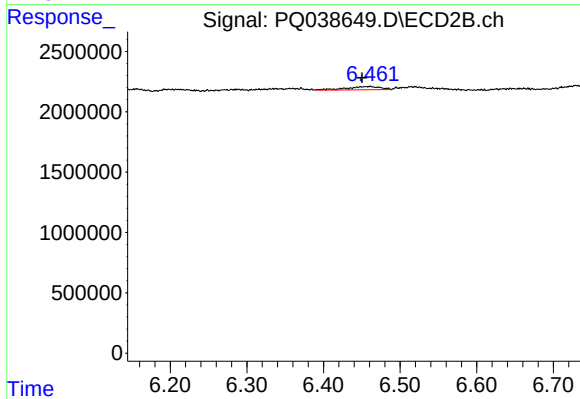
#26 AR-1254-1

R.T.: 5.866 min
Delta R.T.: -0.028 min
Response: 233825
Conc: 1.27 ng/ml



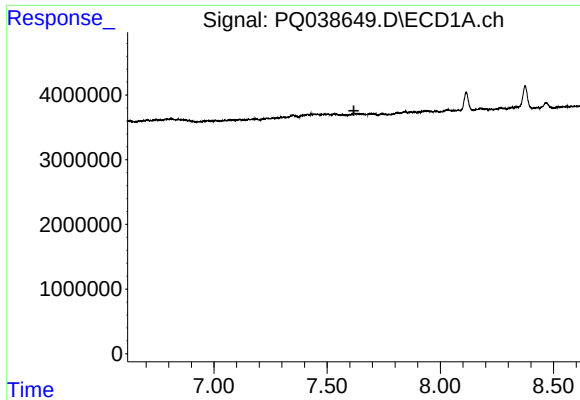
#28 AR-1254-3

R.T.: 7.350 min
Delta R.T.: 0.017 min
Response: 1616210
Conc: 5.40 ng/ml



#28 AR-1254-3

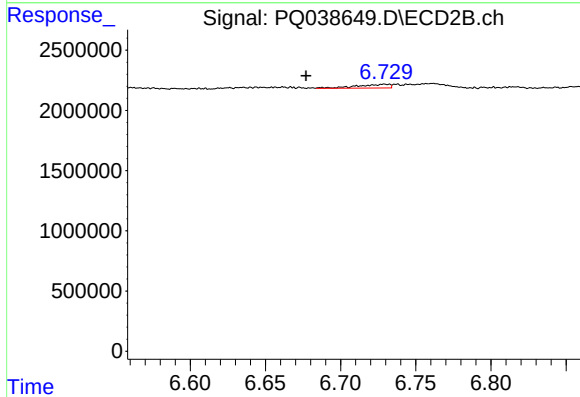
R.T.: 6.461 min
Delta R.T.: 0.011 min
Response: 872527
Conc: 3.36 ng/ml



#29 AR-1254-4

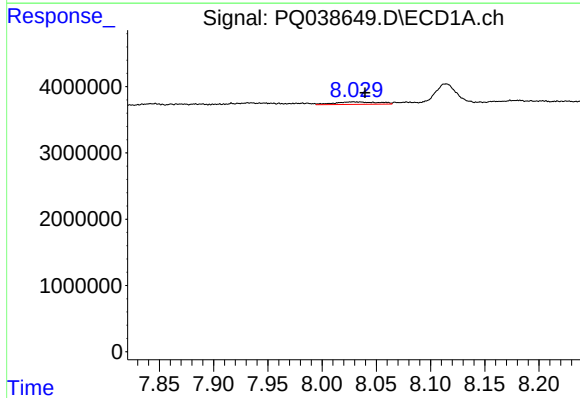
R.T.: 0.000 min
Exp R.T.: 7.618 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



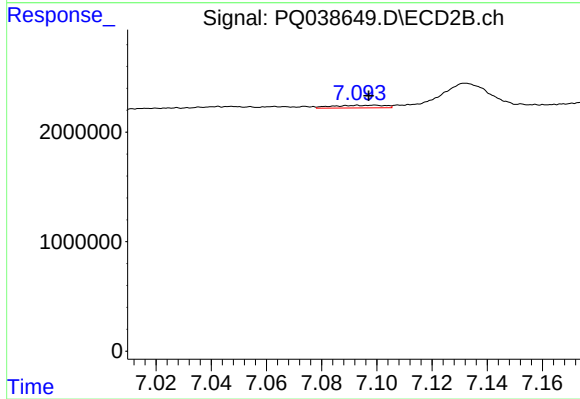
#29 AR-1254-4

R.T.: 6.729 min
Delta R.T.: 0.052 min
Response: 451798
Conc: 2.66 ng/ml



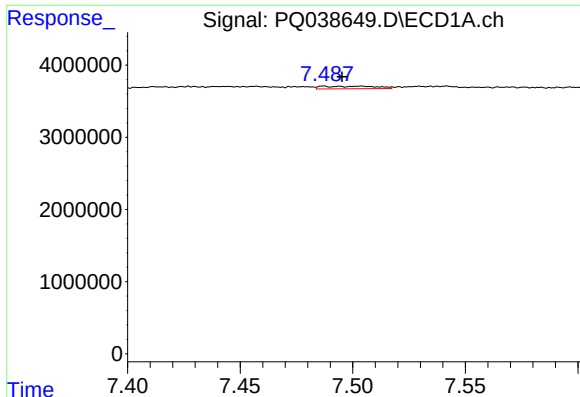
#30 AR-1254-5

R.T.: 8.029 min
Delta R.T.: -0.011 min
Response: 1078384
Conc: 4.08 ng/ml



#30 AR-1254-5

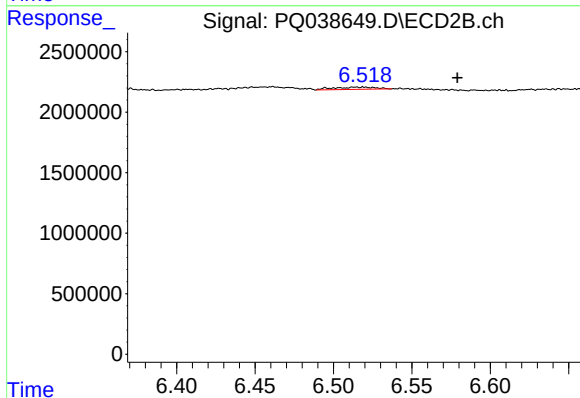
R.T.: 7.099 min
Delta R.T.: 0.002 min
Response: 317572
Conc: 1.51 ng/ml



#31 AR-1260-1

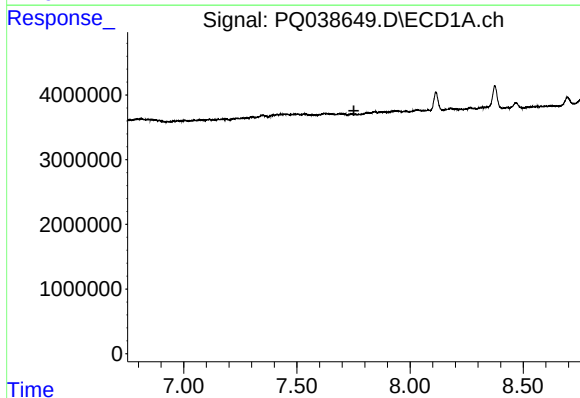
R.T.: 7.488 min
Delta R.T.: -0.007 min
Response: 579817
Conc: 2.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



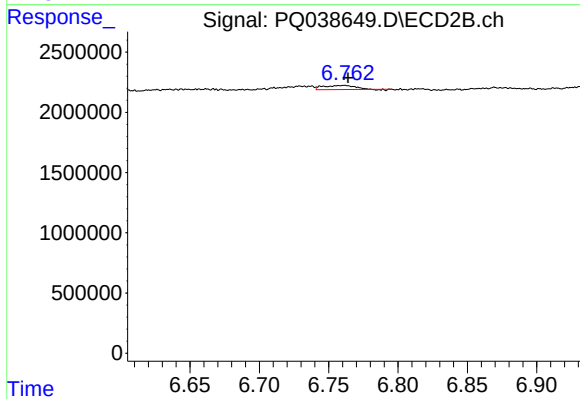
#31 AR-1260-1

R.T.: 6.519 min
Delta R.T.: -0.060 min
Response: 346060
Conc: 1.92 ng/ml



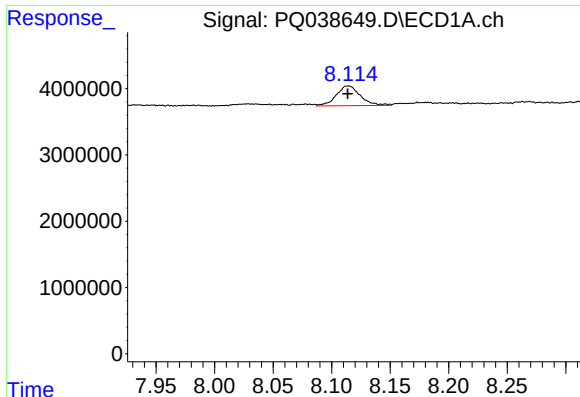
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 7.752 min
Response: 0
Conc: N.D.



#32 AR-1260-2

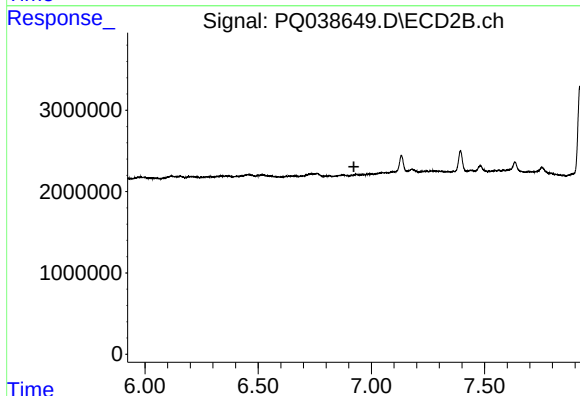
R.T.: 6.761 min
Delta R.T.: -0.003 min
Response: 541204
Conc: 2.49 ng/ml



#33 AR-1260-3

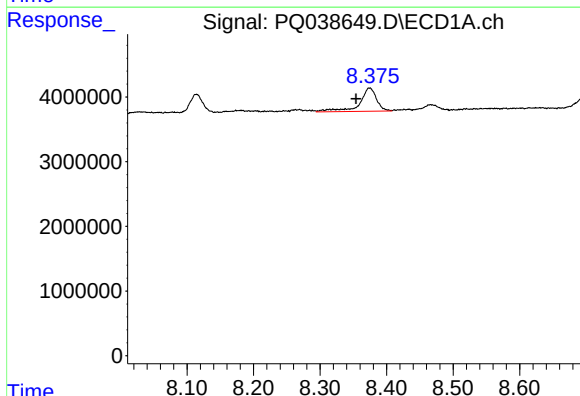
R.T.: 8.114 min
Delta R.T.: 0.000 min
Response: 4272207
Conc: 18.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



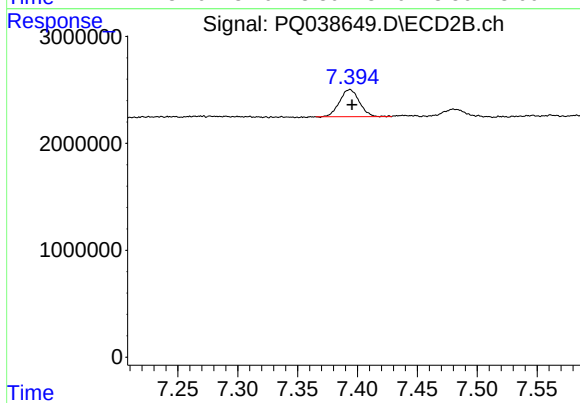
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.923 min
Response: 0
Conc: N.D.



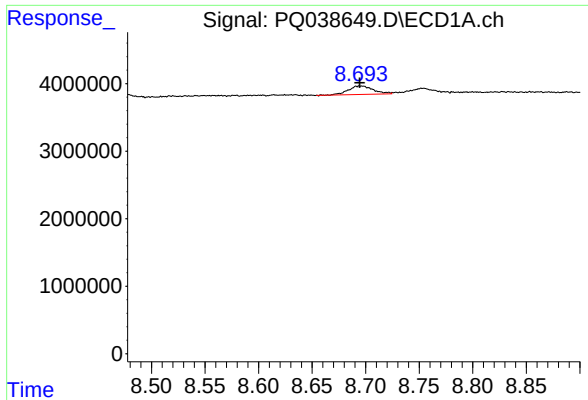
#34 AR-1260-4

R.T.: 8.375 min
Delta R.T.: 0.021 min
Response: 6366290
Conc: 24.01 ng/ml



#34 AR-1260-4

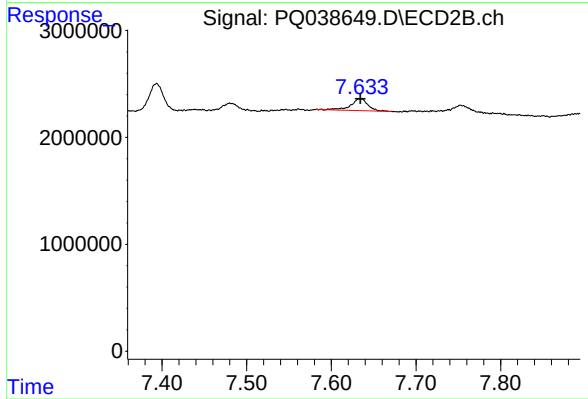
R.T.: 7.394 min
Delta R.T.: -0.002 min
Response: 2937667
Conc: 17.41 ng/ml



#35 AR-1260-5

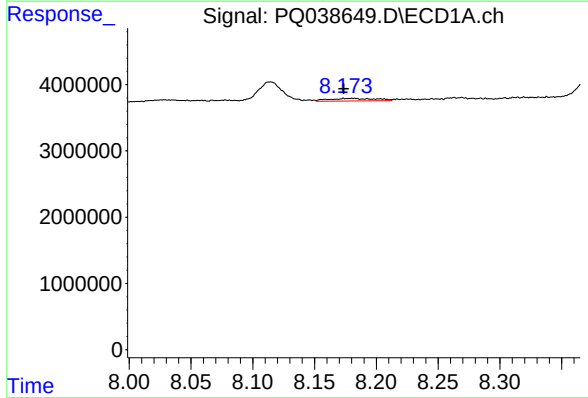
R.T.: 8.695 min
Delta R.T.: 0.000 min
Response: 2057764
Conc: 4.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



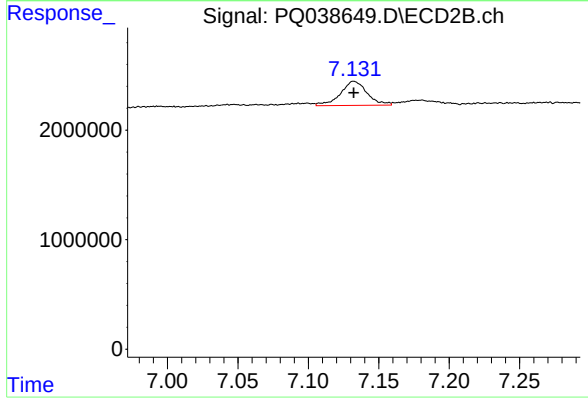
#35 AR-1260-5

R.T.: 7.634 min
Delta R.T.: 0.000 min
Response: 1516189
Conc: 3.75 ng/ml



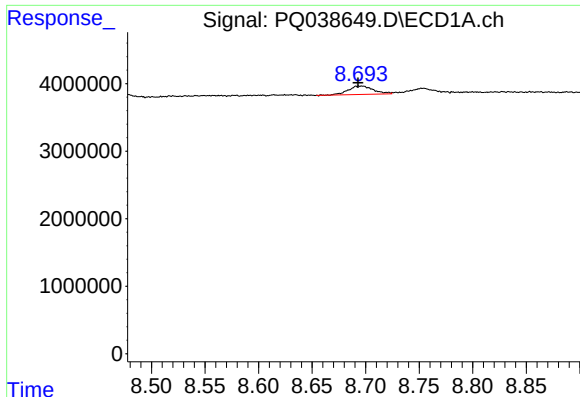
#36 AR-1262-1

R.T.: 8.180 min
Delta R.T.: 0.006 min
Response: 1051898
Conc: 8.30 ng/ml



#36 AR-1262-1

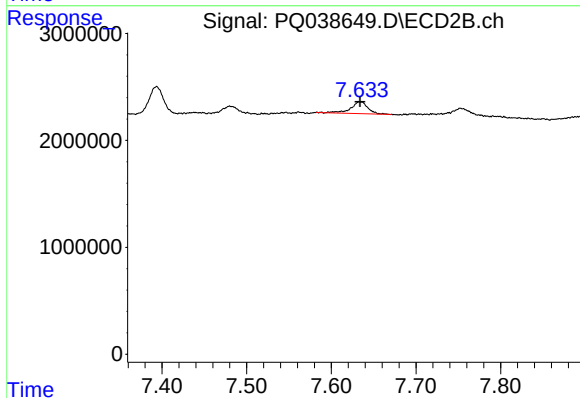
R.T.: 7.132 min
Delta R.T.: 0.000 min
Response: 2901711
Conc: 12.13 ng/ml



#37 AR-1262-2

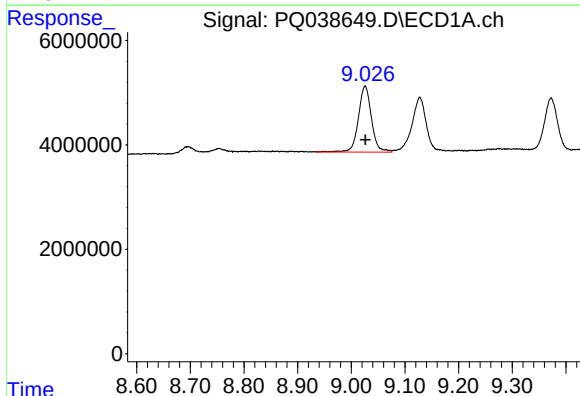
R.T.: 8.695 min
Delta R.T.: 0.002 min
Response: 2057764
Conc: 4.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



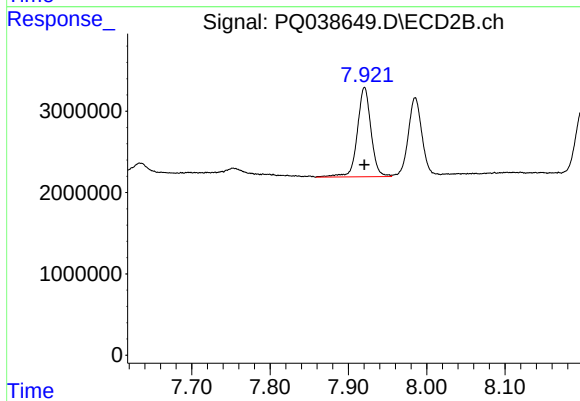
#37 AR-1262-2

R.T.: 7.634 min
Delta R.T.: 0.000 min
Response: 1516189
Conc: 3.60 ng/ml



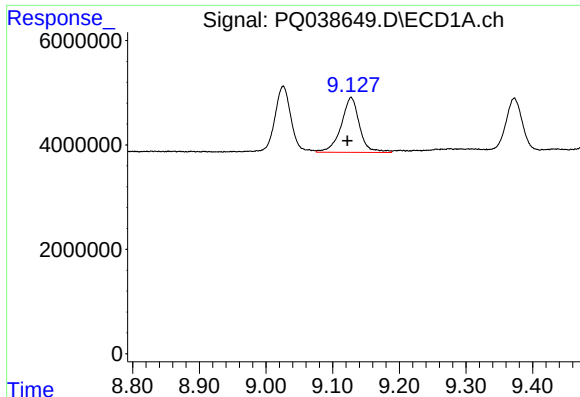
#38 AR-1262-3

R.T.: 9.026 min
Delta R.T.: 0.000 min
Response: 21454934
Conc: 61.22 ng/ml



#38 AR-1262-3

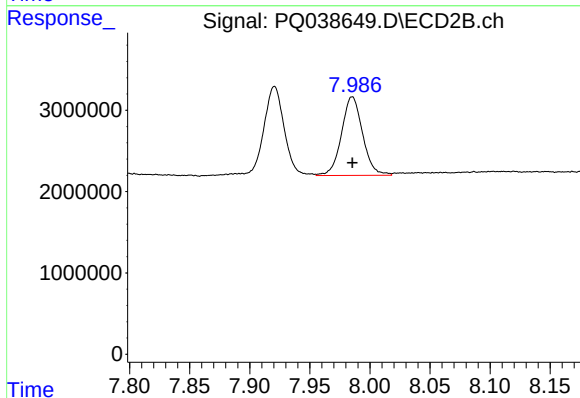
R.T.: 7.921 min
Delta R.T.: 0.000 min
Response: 13302563
Conc: 83.36 ng/ml



#39 AR-1262-4

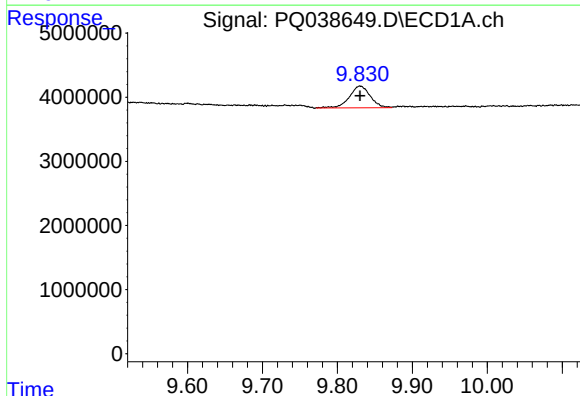
R.T.: 9.128 min
Delta R.T.: 0.006 min
Response: 20214254
Conc: 69.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



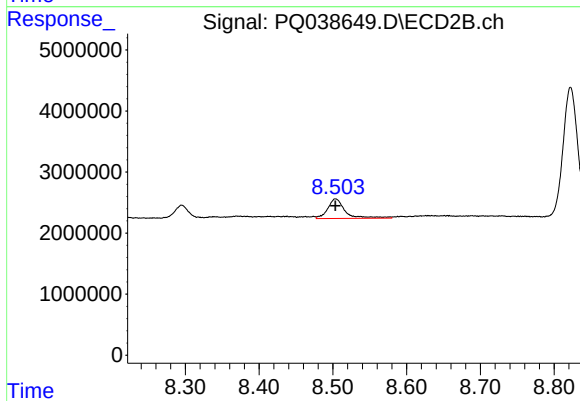
#39 AR-1262-4

R.T.: 7.985 min
Delta R.T.: 0.000 min
Response: 11802214
Conc: 38.75 ng/ml



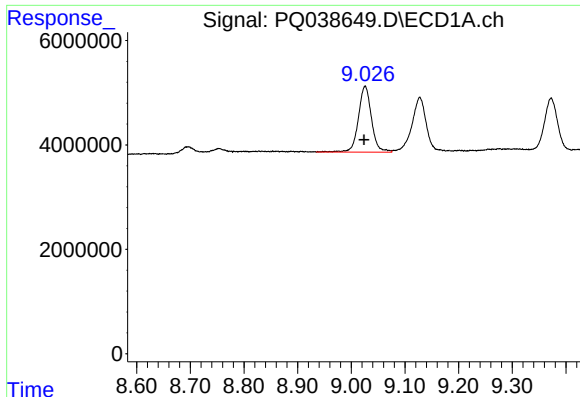
#40 AR-1262-5

R.T.: 9.830 min
Delta R.T.: 0.000 min
Response: 6531027
Conc: 36.05 ng/ml



#40 AR-1262-5

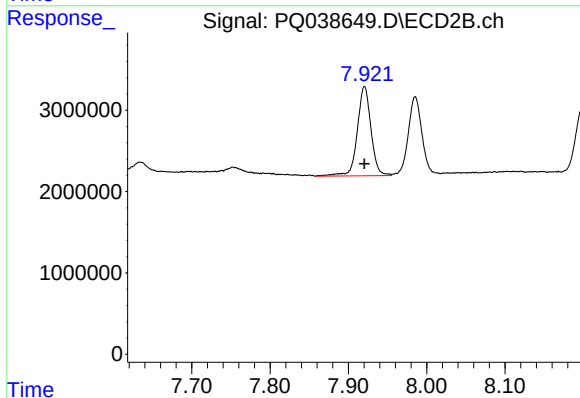
R.T.: 8.504 min
Delta R.T.: 0.000 min
Response: 5358209
Conc: 40.18 ng/ml



#41 AR-1268-1

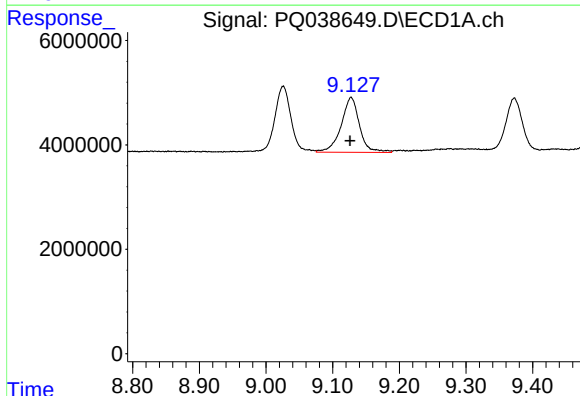
R.T.: 9.026 min
Delta R.T.: 0.002 min
Response: 21454934
Conc: 34.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



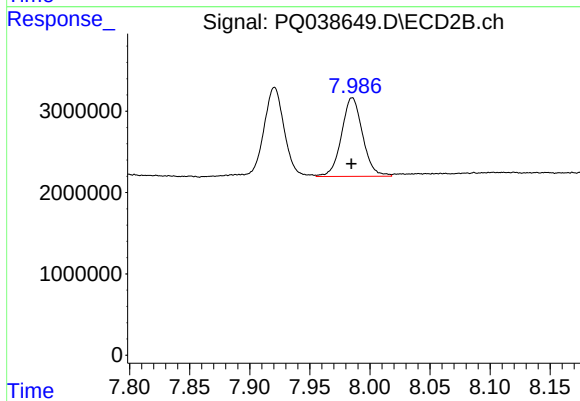
#41 AR-1268-1

R.T.: 7.921 min
Delta R.T.: 0.000 min
Response: 13302563
Conc: 28.13 ng/ml



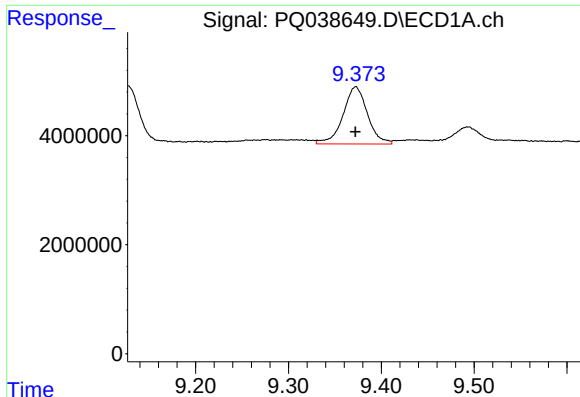
#42 AR-1268-2

R.T.: 9.128 min
Delta R.T.: 0.001 min
Response: 20214254
Conc: 32.95 ng/ml



#42 AR-1268-2

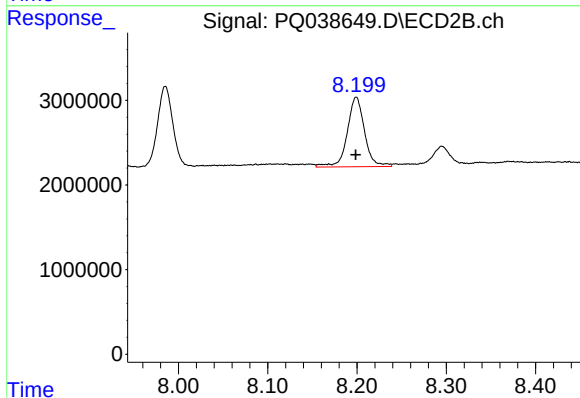
R.T.: 7.985 min
Delta R.T.: 0.000 min
Response: 11802214
Conc: 27.04 ng/ml



#43 AR-1268-3

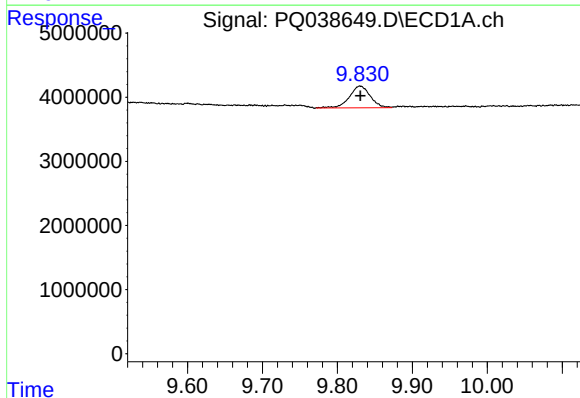
R.T.: 9.372 min
Delta R.T.: 0.000 min
Response: 19227081
Conc: 38.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



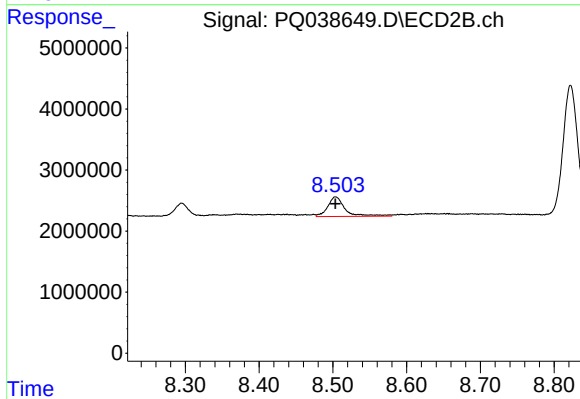
#43 AR-1268-3

R.T.: 8.199 min
Delta R.T.: 0.000 min
Response: 11090404
Conc: 31.11 ng/ml



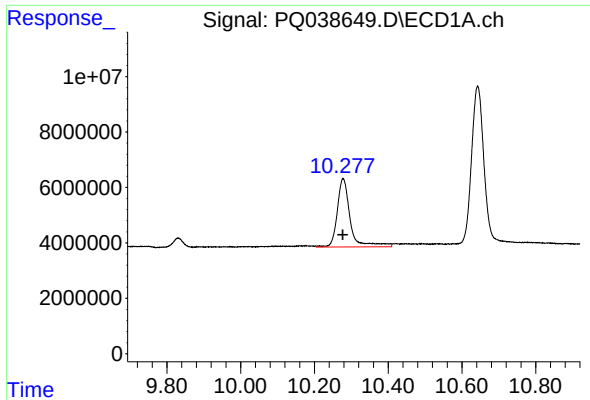
#44 AR-1268-4

R.T.: 9.830 min
Delta R.T.: 0.000 min
Response: 6531027
Conc: 29.86 ng/ml



#44 AR-1268-4

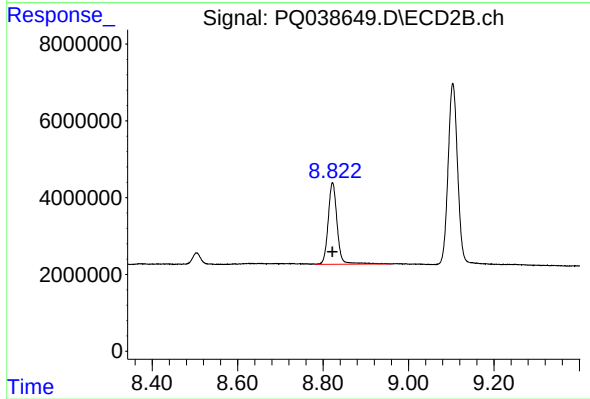
R.T.: 8.504 min
Delta R.T.: 0.000 min
Response: 5358209
Conc: 35.72 ng/ml



#45 AR-1268-5

R.T.: 10.278 min
Delta R.T.: 0.001 min
Response: 60406912
Conc: 35.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.822 min
Delta R.T.: 0.000 min
Response: 31125901
Conc: 26.94 ng/ml