

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062922\
 Data File : PQ058457.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jun 2022 01:46
 Operator : YP\AJ
 Sample : N3214-07
 Misc : AR1262 LOD 40 PPB
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 30 04:29:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ062922.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 29 16:14:42 2022
 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...	4.684	4.044	217.0E6	179.0E6	16.949	16.515
2)	SA Decachlor...	10.601	9.178	230.1E6	143.1E6	19.124	19.088
Target Compounds							
3)	L1 AR-1016-1	5.869	5.144	210202	365463	0.652	1.047 #
4)	L1 AR-1016-2	5.889	5.167	686101	176043	1.218	0.351 #
5)	L1 AR-1016-3	5.948	5.347	2043776	301949	5.637	1.197 #
6)	L1 AR-1016-4	6.052	5.386	1124824	647652	3.693	3.246
7)	L1 AR-1016-5	6.351	5.604	718512	1032100	2.961	3.970 #
8)	L2 AR-1221-1	4.894	0.000	123649	0	1.098	N.D. #
9)	L2 AR-1221-2	4.997	4.353	4613198	2550379	51.562	36.561 #
10)	L2 AR-1221-3	5.070	4.425	677001	216302	2.465	0.963 #
11)	L3 AR-1232-1	5.070	4.425	677001	216302	2.749	1.069 #
12)	L3 AR-1232-2	5.589	5.167	859849	176043	7.451	0.916 #
13)	L3 AR-1232-3	5.889	5.347	686101	301949	3.105	3.214
14)	L3 AR-1232-4	6.052	5.434	1124824	298482	9.297	3.527 #
15)	L3 AR-1232-5	6.141	5.604	3410131	1032100	47.216	10.989 #
16)	L4 AR-1242-1	5.869	5.144	210202	365463	0.992	1.612 #
17)	L4 AR-1242-2	5.889	5.167	686101	176043	1.885	0.553 #
18)	L4 AR-1242-3	5.948	5.347	2043776	301949	8.607	1.866 #
19)	L4 AR-1242-4	6.052	5.434	1124824	298482	5.692	1.874 #
20)	L4 AR-1242-5	6.798	5.958	1396467	1560478	8.171	8.339
21)	L5 AR-1248-1	5.869	5.144	210202	365463	1.491	2.459 #
22)	L5 AR-1248-2	6.141	5.386	3410131	647652	18.133	3.322 #
23)	L5 AR-1248-3	6.351	5.434	718512	298482	3.172	1.484 #
24)	L5 AR-1248-4	6.727f	5.604	2723071	1032100	11.321	4.229 #
25)	L5 AR-1248-5	6.798	5.987f	1396467	679828	5.494	3.045 #
26)	L6 AR-1254-1	6.727	5.958	2723071	1560478	9.319	3.418 #
27)	L6 AR-1254-2	6.942	6.103	3510019	2388923	7.687	5.937
28)	L6 AR-1254-3	7.336f	6.527	1870797	7978473	3.609	12.163 #
29)	L6 AR-1254-4	7.600	6.737	958059	497475	2.544	1.251 #
30)	L6 AR-1254-5	8.019	7.158	14269889	8895788	32.164	15.774 #
31)	L7 AR-1260-1	7.475	6.642	10460447	12647922	25.973	26.878
32)	L7 AR-1260-2	7.732	6.827	14062320	14180126	29.113	25.160
33)	L7 AR-1260-3	8.019	6.989	14269889	12802759	22.199	24.577
34)	L7 AR-1260-4	8.331	7.458	19726321	16639971	44.796	43.299
35)	L7 AR-1260-5	8.671	7.695	40574896	33413321	40.953	35.951
36)	L8 AR-1262-1	8.091	7.158	19736775	8895788	38.094	31.562
37)	L8 AR-1262-2	8.671	7.695	40574896	33413321	37.155	32.250
38)	L8 AR-1262-3	8.997	7.981	27447911	13879102	50.228	35.777 #
39)	L8 AR-1262-4	9.098	8.045	20576662	23795239	49.193	32.369 #
40)	L8 AR-1262-5	9.801	8.569	16532985	10513702	35.125	32.333
41)	L9 AR-1268-1	8.997	7.981	27447911	13879102	20.887	12.931 #

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 Acq On : 30 Jun 2022 01:46
 Operator : YP\AJ
 Sample : N3214-07
 Misc : AR1262 LOD 40 PPB
 ALS Vial : 36 Sample Multiplier: 1

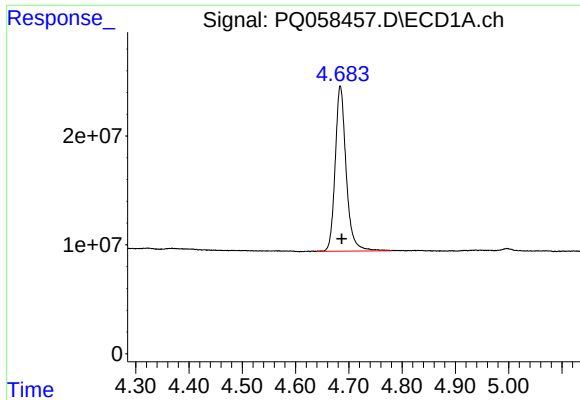
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 30 04:29:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ062922.M
 Quant Title : GC EXTRACTABLES
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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
42) L9	AR-1268-2	9.098	8.045	20576662	23795239	15.020	24.200 #
43) L9	AR-1268-3	9.336	8.263	2050039	136287	1.646	0.165 #
44) L9	AR-1268-4	9.801	8.569	16532985	10513702	34.471	31.962
45) L9	AR-1268-5	10.243	8.892	7598096	4055044	1.929	1.515

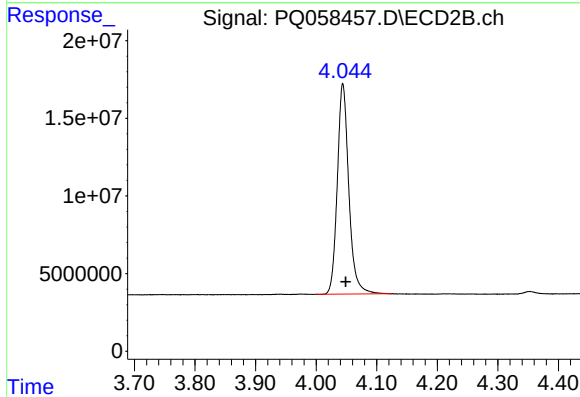
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

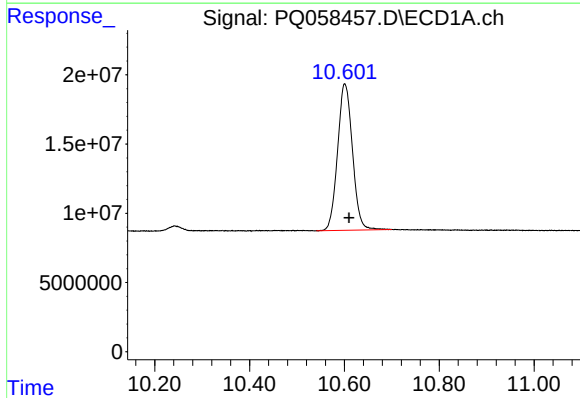
R.T.: 4.684 min
Delta R.T.: -0.003 min
Response: 216979519
Conc: 16.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



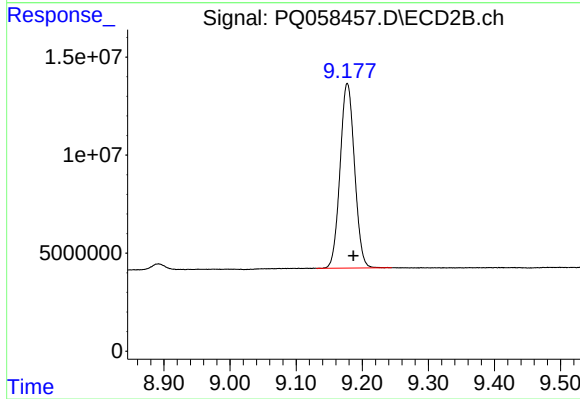
#1 Tetrachloro-m-xylene

R.T.: 4.044 min
Delta R.T.: -0.005 min
Response: 178987267
Conc: 16.51 ng/ml



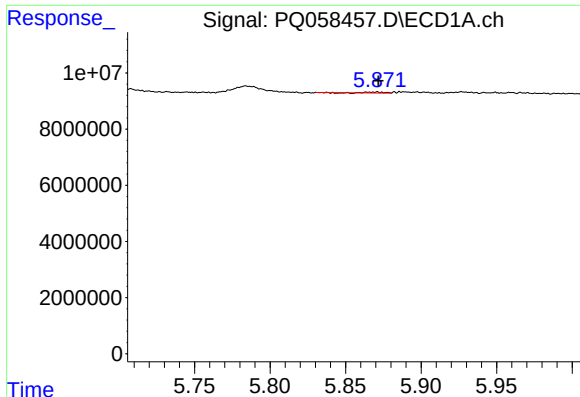
#2 Decachlorobiphenyl

R.T.: 10.601 min
Delta R.T.: -0.009 min
Response: 230100212
Conc: 19.12 ng/ml



#2 Decachlorobiphenyl

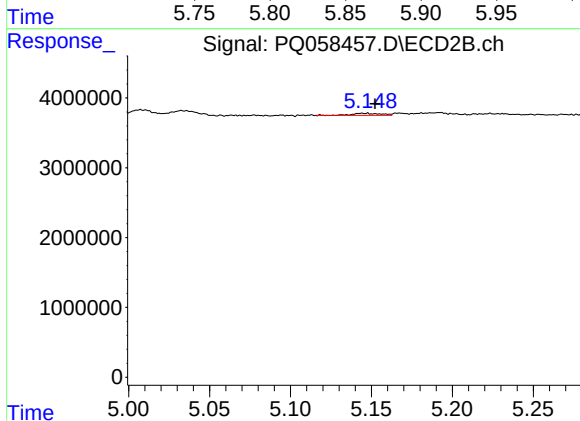
R.T.: 9.178 min
Delta R.T.: -0.009 min
Response: 143134750
Conc: 19.09 ng/ml



#3 AR-1016-1

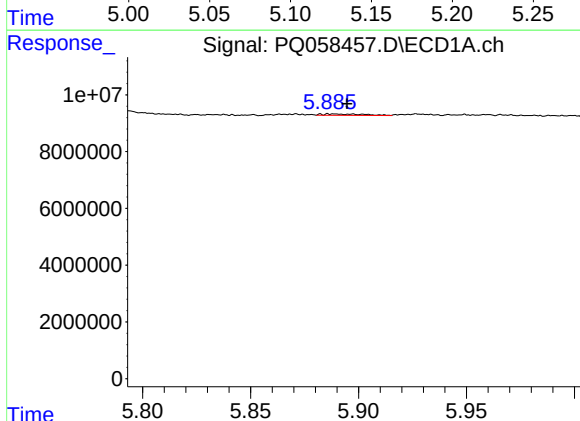
R.T.: 5.869 min
Delta R.T.: -0.003 min
Response: 210202
Conc: 0.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



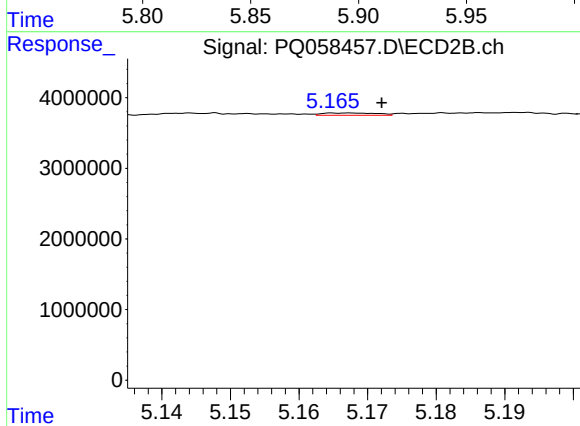
#3 AR-1016-1

R.T.: 5.144 min
Delta R.T.: -0.008 min
Response: 365463
Conc: 1.05 ng/ml



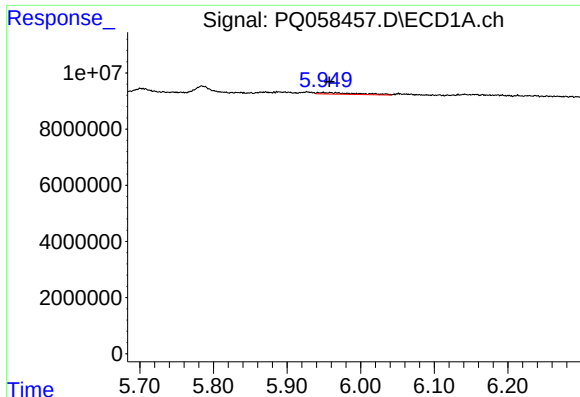
#4 AR-1016-2

R.T.: 5.889 min
Delta R.T.: -0.006 min
Response: 686101
Conc: 1.22 ng/ml



#4 AR-1016-2

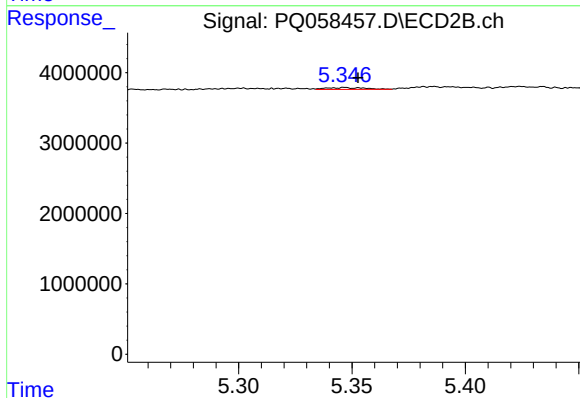
R.T.: 5.167 min
Delta R.T.: -0.005 min
Response: 176043
Conc: 0.35 ng/ml



#5 AR-1016-3

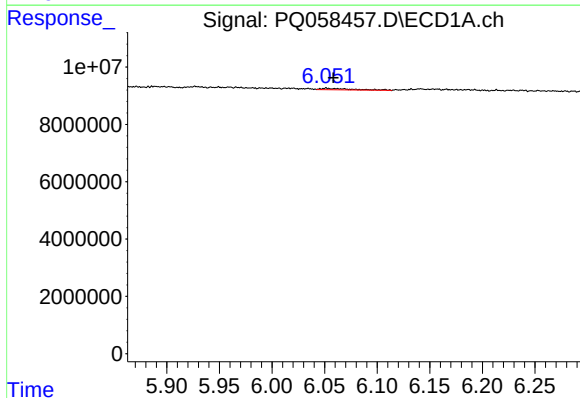
R.T.: 5.948 min
Delta R.T.: -0.010 min
Response: 2043776
Conc: 5.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



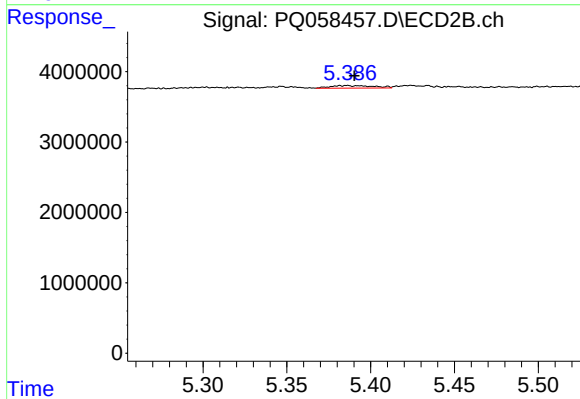
#5 AR-1016-3

R.T.: 5.347 min
Delta R.T.: -0.006 min
Response: 301949
Conc: 1.20 ng/ml



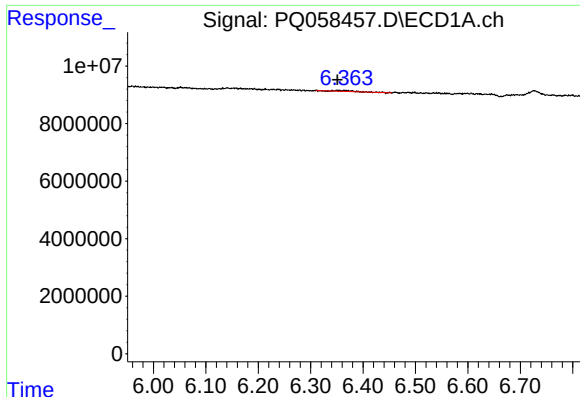
#6 AR-1016-4

R.T.: 6.052 min
Delta R.T.: -0.006 min
Response: 1124824
Conc: 3.69 ng/ml



#6 AR-1016-4

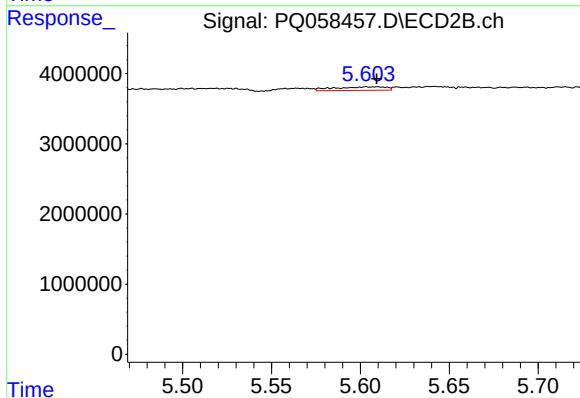
R.T.: 5.386 min
Delta R.T.: -0.004 min
Response: 647652
Conc: 3.25 ng/ml



#7 AR-1016-5

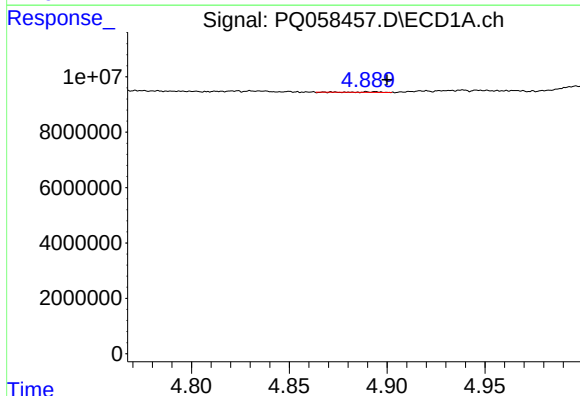
R.T.: 6.351 min
Delta R.T.: 0.000 min
Response: 718512
Conc: 2.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



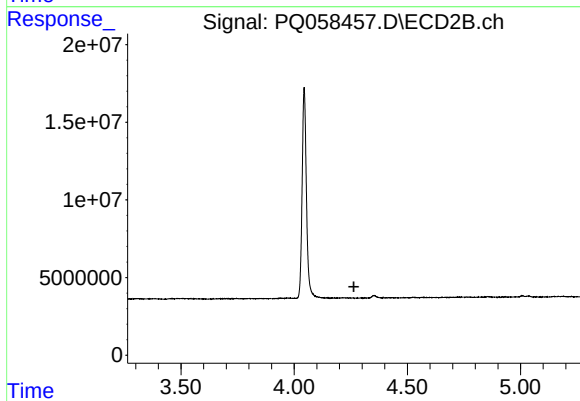
#7 AR-1016-5

R.T.: 5.604 min
Delta R.T.: -0.006 min
Response: 1032100
Conc: 3.97 ng/ml



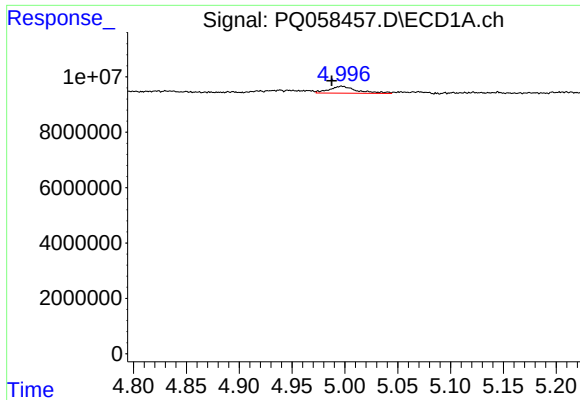
#8 AR-1221-1

R.T.: 4.894 min
Delta R.T.: -0.006 min
Response: 123649
Conc: 1.10 ng/ml



#8 AR-1221-1

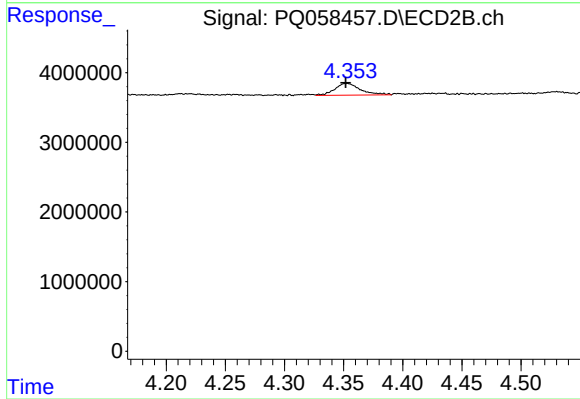
R.T.: 0.000 min
Exp R.T. : 4.264 min
Response: 0
Conc: N.D.



#9 AR-1221-2

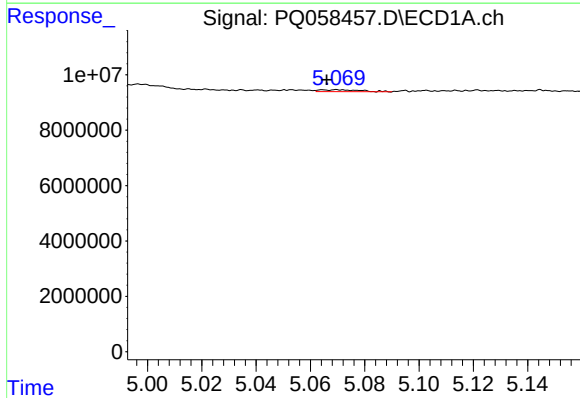
R.T.: 4.997 min
Delta R.T.: 0.010 min
Response: 4613198
Conc: 51.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



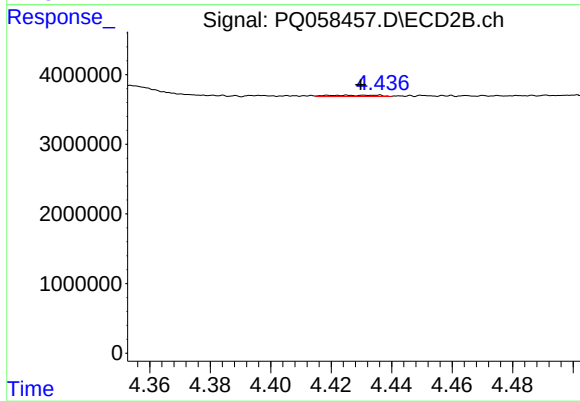
#9 AR-1221-2

R.T.: 4.353 min
Delta R.T.: 0.000 min
Response: 2550379
Conc: 36.56 ng/ml



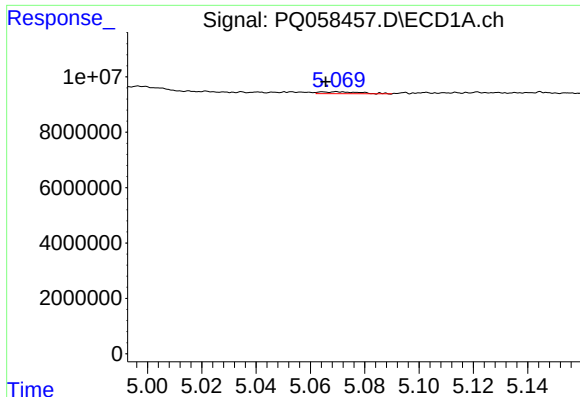
#10 AR-1221-3

R.T.: 5.070 min
Delta R.T.: 0.004 min
Response: 677001
Conc: 2.47 ng/ml



#10 AR-1221-3

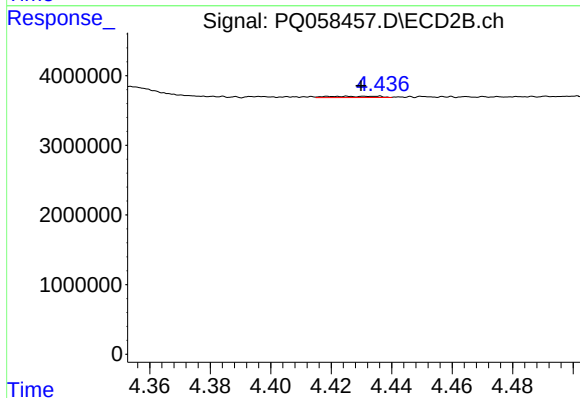
R.T.: 4.425 min
Delta R.T.: -0.005 min
Response: 216302
Conc: 0.96 ng/ml



#11 AR-1232-1

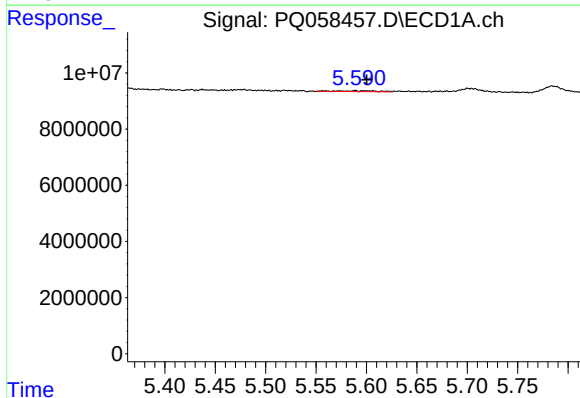
R.T.: 5.070 min
Delta R.T.: 0.005 min
Response: 677001
Conc: 2.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



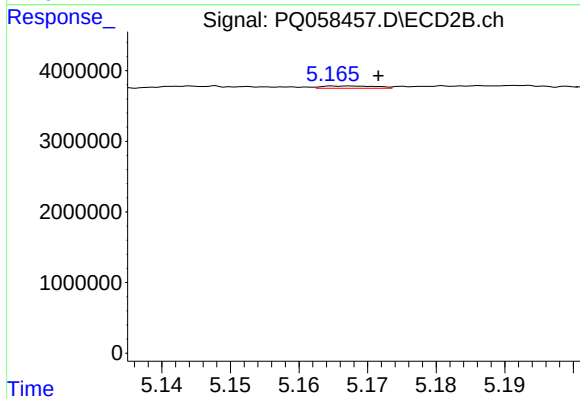
#11 AR-1232-1

R.T.: 4.425 min
Delta R.T.: -0.005 min
Response: 216302
Conc: 1.07 ng/ml



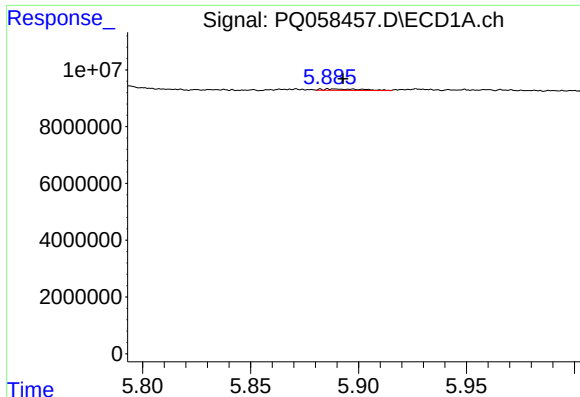
#12 AR-1232-2

R.T.: 5.589 min
Delta R.T.: -0.011 min
Response: 859849
Conc: 7.45 ng/ml



#12 AR-1232-2

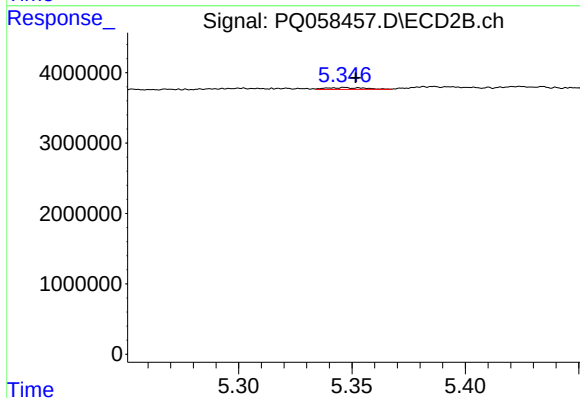
R.T.: 5.167 min
Delta R.T.: -0.005 min
Response: 176043
Conc: 0.92 ng/ml



#13 AR-1232-3

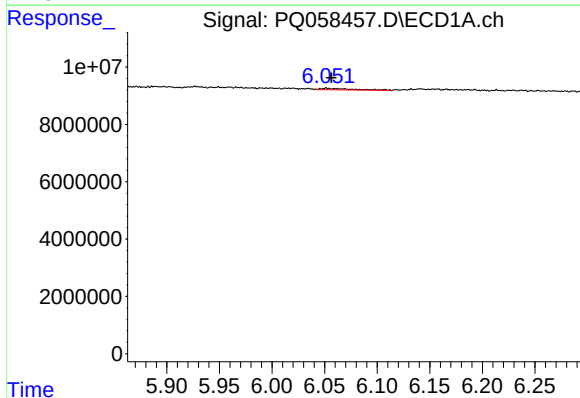
R.T.: 5.889 min
Delta R.T.: -0.004 min
Response: 686101
Conc: 3.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



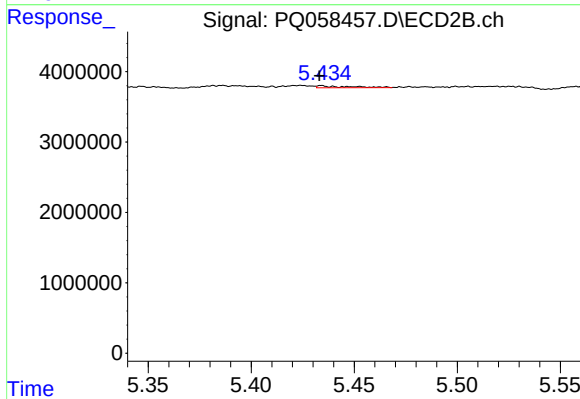
#13 AR-1232-3

R.T.: 5.347 min
Delta R.T.: -0.005 min
Response: 301949
Conc: 3.21 ng/ml



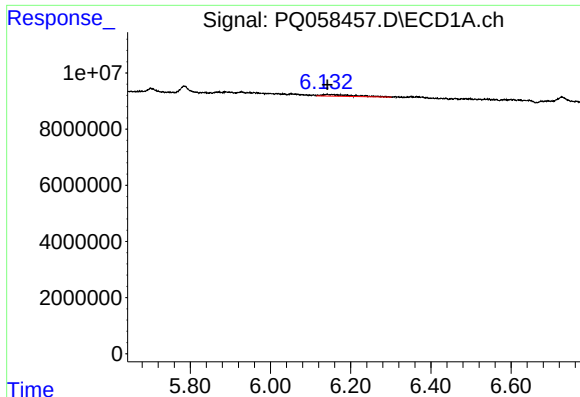
#14 AR-1232-4

R.T.: 6.052 min
Delta R.T.: -0.005 min
Response: 1124824
Conc: 9.30 ng/ml



#14 AR-1232-4

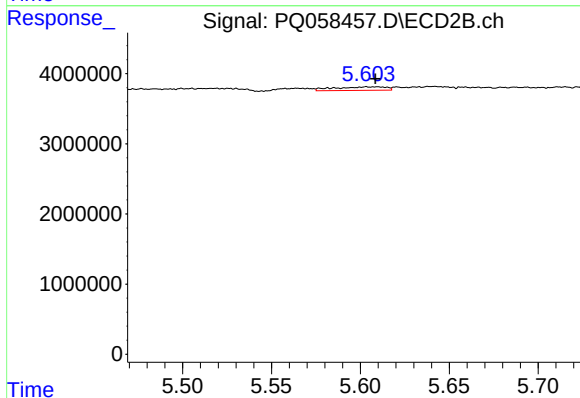
R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 298482
Conc: 3.53 ng/ml



#15 AR-1232-5

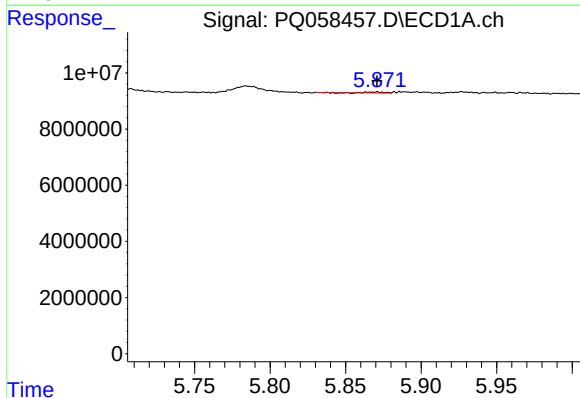
R.T.: 6.141 min
Delta R.T.: 0.000 min
Response: 3410131
Conc: 47.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



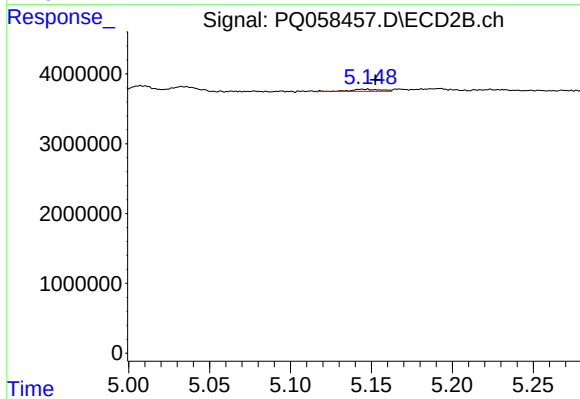
#15 AR-1232-5

R.T.: 5.604 min
Delta R.T.: -0.005 min
Response: 1032100
Conc: 10.99 ng/ml



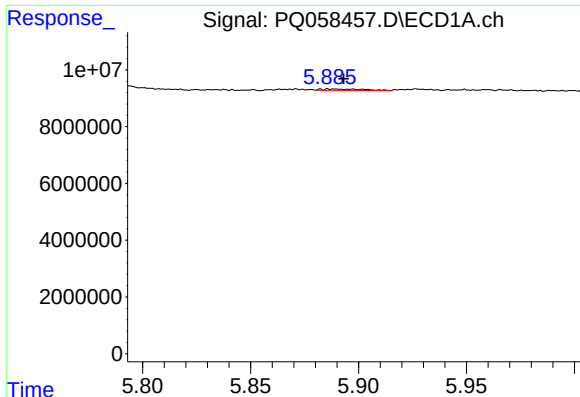
#16 AR-1242-1

R.T.: 5.869 min
Delta R.T.: -0.002 min
Response: 210202
Conc: 0.99 ng/ml



#16 AR-1242-1

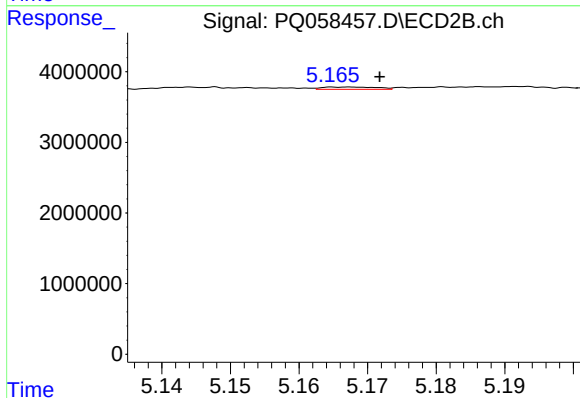
R.T.: 5.144 min
Delta R.T.: -0.008 min
Response: 365463
Conc: 1.61 ng/ml



#17 AR-1242-2

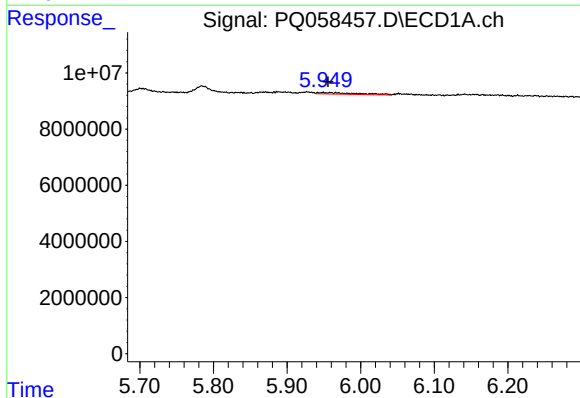
R.T.: 5.889 min
Delta R.T.: -0.005 min
Response: 686101
Conc: 1.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



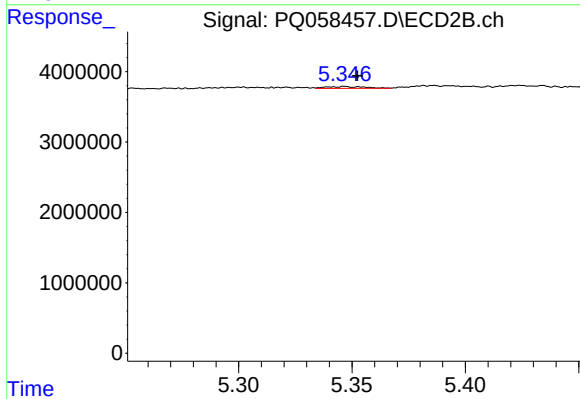
#17 AR-1242-2

R.T.: 5.167 min
Delta R.T.: -0.005 min
Response: 176043
Conc: 0.55 ng/ml



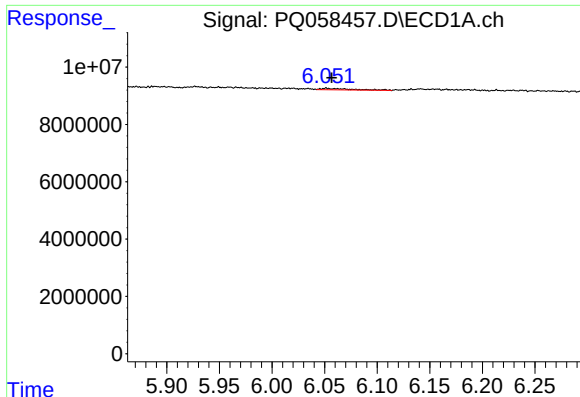
#18 AR-1242-3

R.T.: 5.948 min
Delta R.T.: -0.008 min
Response: 2043776
Conc: 8.61 ng/ml



#18 AR-1242-3

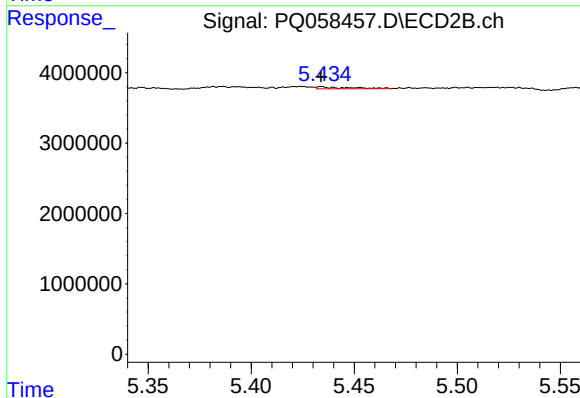
R.T.: 5.347 min
Delta R.T.: -0.006 min
Response: 301949
Conc: 1.87 ng/ml



#19 AR-1242-4

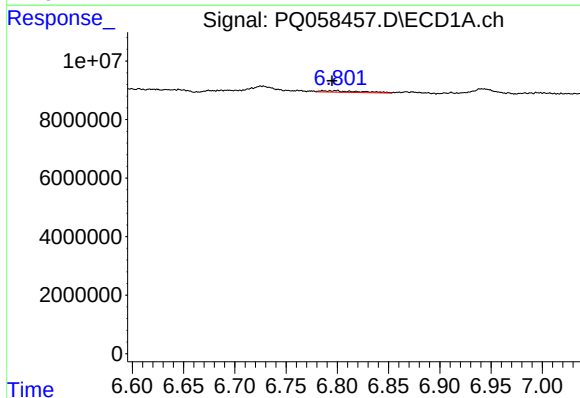
R.T.: 6.052 min
Delta R.T.: -0.005 min
Response: 1124824
Conc: 5.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



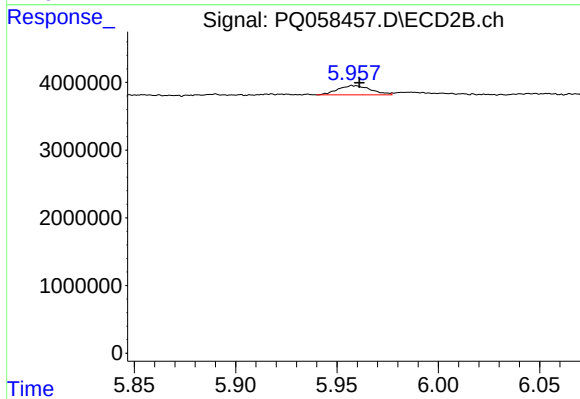
#19 AR-1242-4

R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 298482
Conc: 1.87 ng/ml



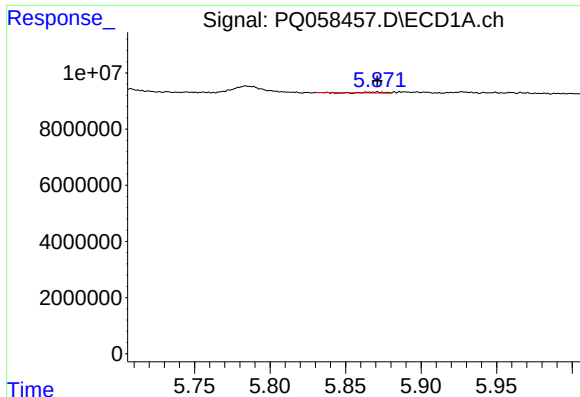
#20 AR-1242-5

R.T.: 6.798 min
Delta R.T.: 0.003 min
Response: 1396467
Conc: 8.17 ng/ml



#20 AR-1242-5

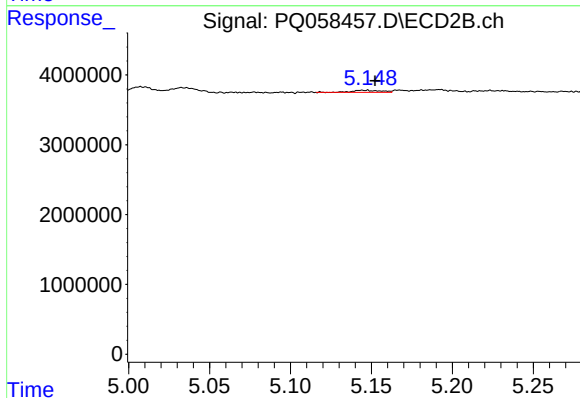
R.T.: 5.958 min
Delta R.T.: -0.003 min
Response: 1560478
Conc: 8.34 ng/ml



#21 AR-1248-1

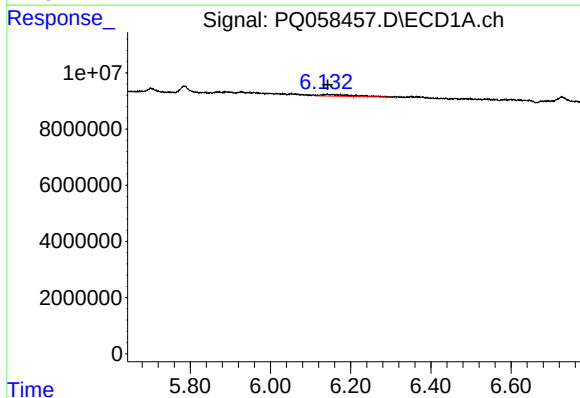
R.T.: 5.869 min
Delta R.T.: -0.002 min
Response: 210202
Conc: 1.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



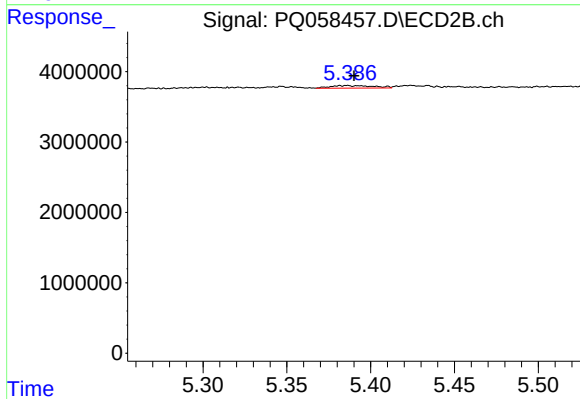
#21 AR-1248-1

R.T.: 5.144 min
Delta R.T.: -0.008 min
Response: 365463
Conc: 2.46 ng/ml



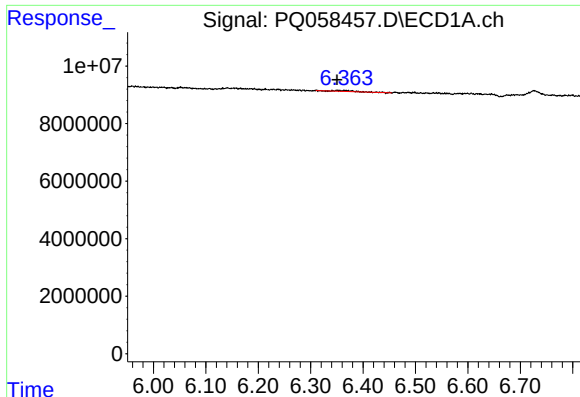
#22 AR-1248-2

R.T.: 6.141 min
Delta R.T.: -0.002 min
Response: 3410131
Conc: 18.13 ng/ml



#22 AR-1248-2

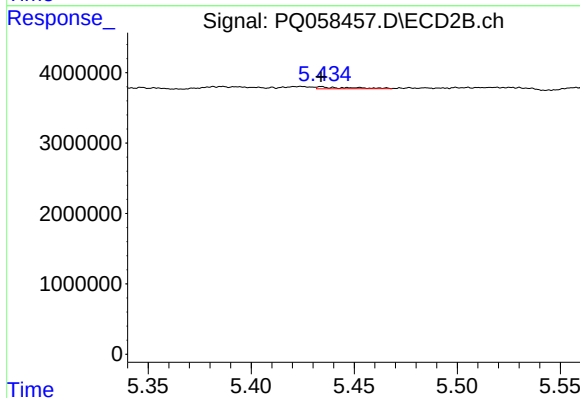
R.T.: 5.386 min
Delta R.T.: -0.004 min
Response: 647652
Conc: 3.32 ng/ml



#23 AR-1248-3

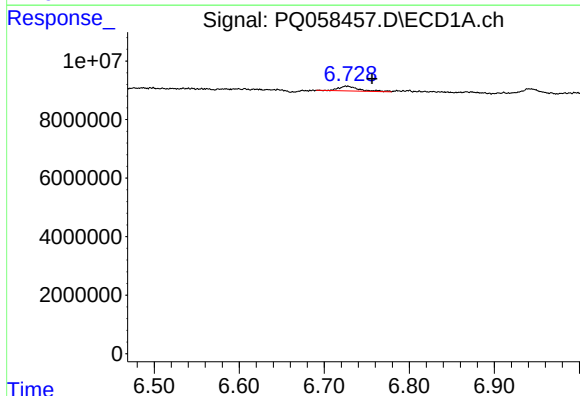
R.T.: 6.351 min
Delta R.T.: 0.000 min
Response: 718512
Conc: 3.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



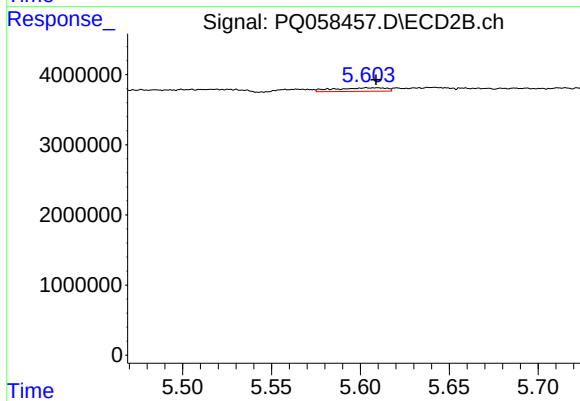
#23 AR-1248-3

R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 298482
Conc: 1.48 ng/ml



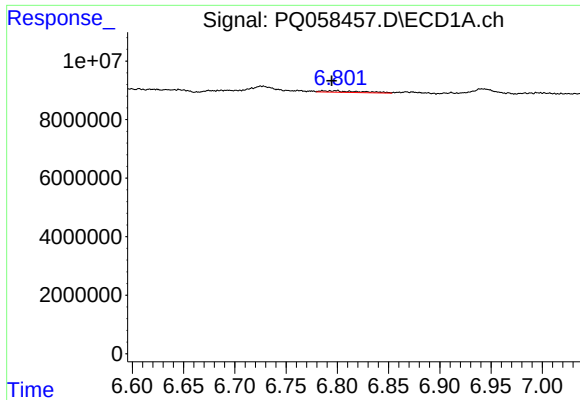
#24 AR-1248-4

R.T.: 6.727 min
Delta R.T.: -0.030 min
Response: 2723071
Conc: 11.32 ng/ml



#24 AR-1248-4

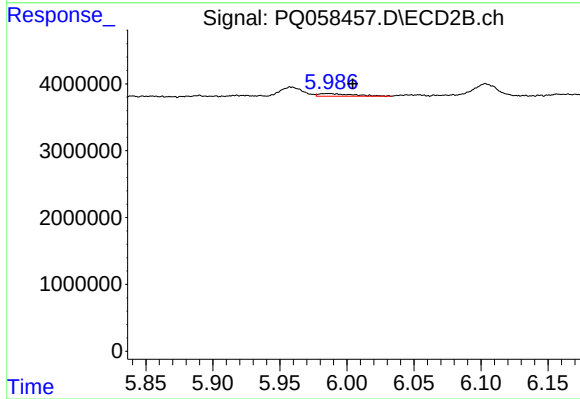
R.T.: 5.604 min
Delta R.T.: -0.005 min
Response: 1032100
Conc: 4.23 ng/ml



#25 AR-1248-5

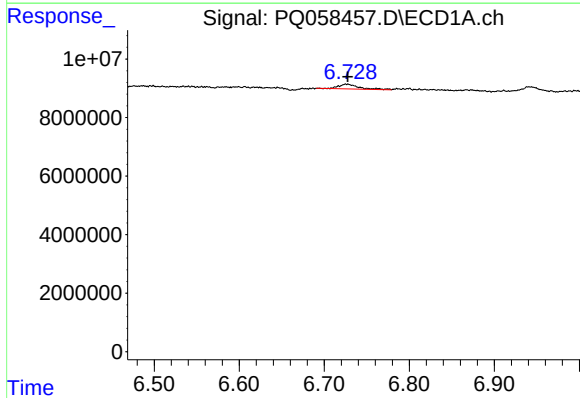
R.T.: 6.798 min
Delta R.T.: 0.003 min
Response: 1396467
Conc: 5.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



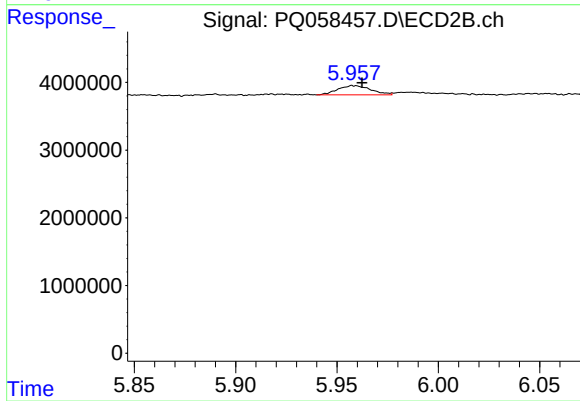
#25 AR-1248-5

R.T.: 5.987 min
Delta R.T.: -0.018 min
Response: 679828
Conc: 3.04 ng/ml



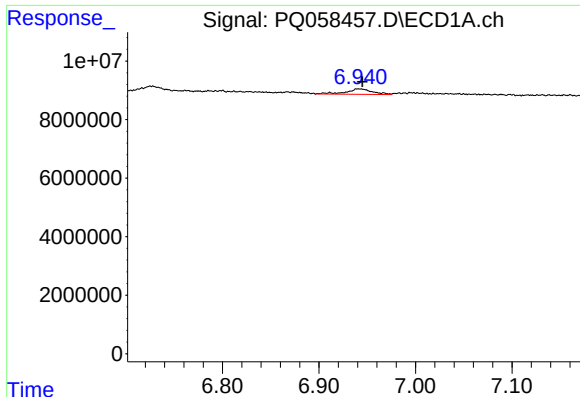
#26 AR-1254-1

R.T.: 6.727 min
Delta R.T.: -0.001 min
Response: 2723071
Conc: 9.32 ng/ml



#26 AR-1254-1

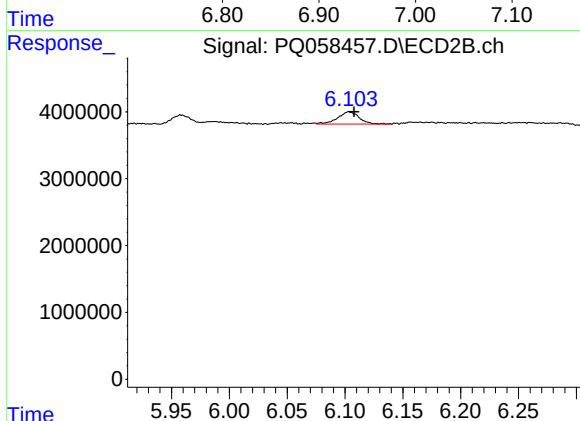
R.T.: 5.958 min
Delta R.T.: -0.004 min
Response: 1560478
Conc: 3.42 ng/ml



#27 AR-1254-2

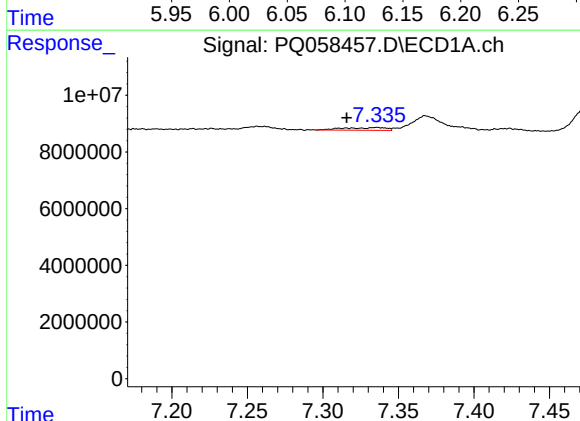
R.T.: 6.942 min
Delta R.T.: -0.003 min
Response: 3510019
Conc: 7.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



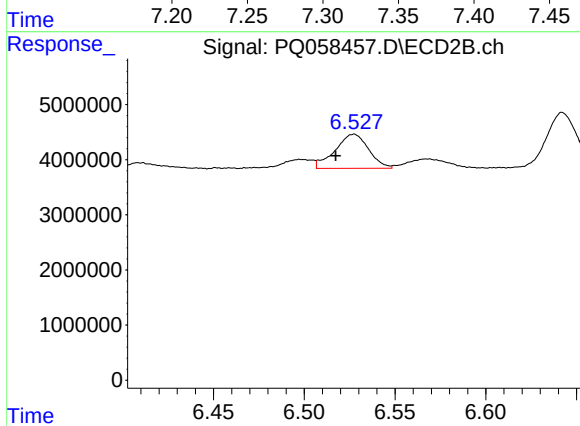
#27 AR-1254-2

R.T.: 6.103 min
Delta R.T.: -0.004 min
Response: 2388923
Conc: 5.94 ng/ml



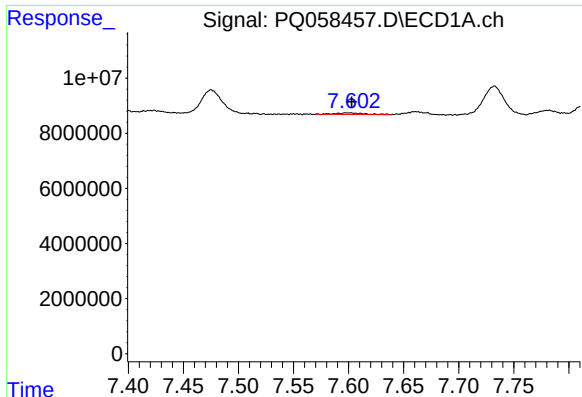
#28 AR-1254-3

R.T.: 7.336 min
Delta R.T.: 0.020 min
Response: 1870797
Conc: 3.61 ng/ml



#28 AR-1254-3

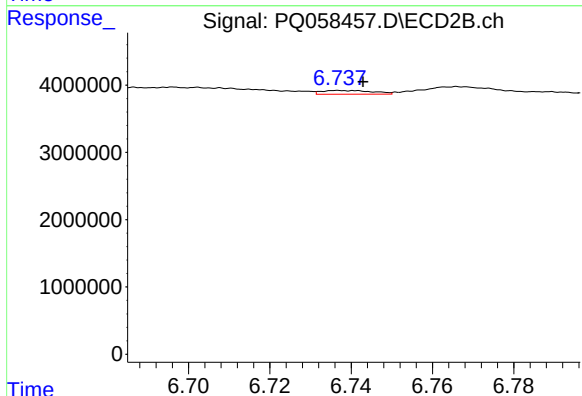
R.T.: 6.527 min
Delta R.T.: 0.010 min
Response: 7978473
Conc: 12.16 ng/ml



#29 AR-1254-4

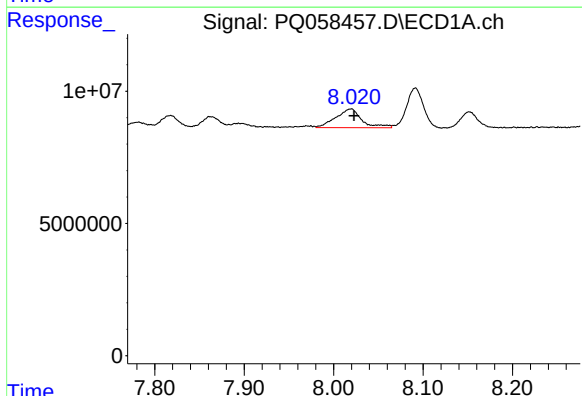
R.T.: 7.600 min
Delta R.T.: -0.003 min
Response: 958059
Conc: 2.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



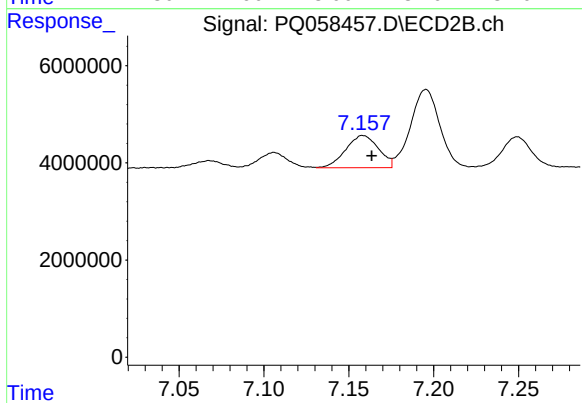
#29 AR-1254-4

R.T.: 6.737 min
Delta R.T.: -0.006 min
Response: 497475
Conc: 1.25 ng/ml



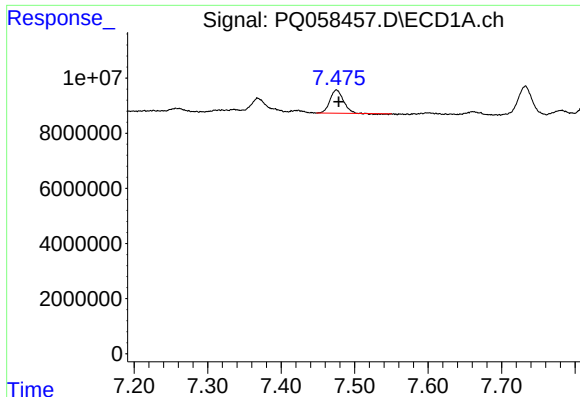
#30 AR-1254-5

R.T.: 8.019 min
Delta R.T.: -0.004 min
Response: 14269889
Conc: 32.16 ng/ml



#30 AR-1254-5

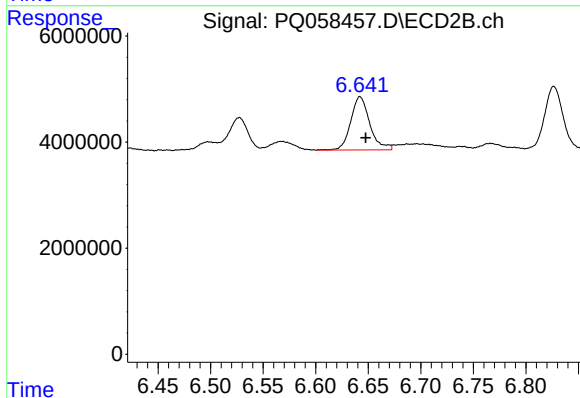
R.T.: 7.158 min
Delta R.T.: -0.005 min
Response: 8895788
Conc: 15.77 ng/ml



#31 AR-1260-1

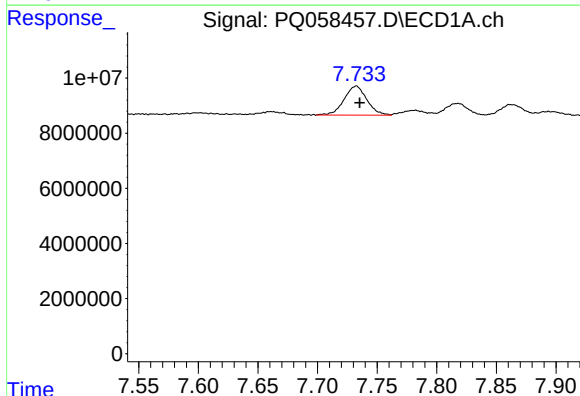
R.T.: 7.475 min
Delta R.T.: -0.003 min
Response: 10460447
Conc: 25.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



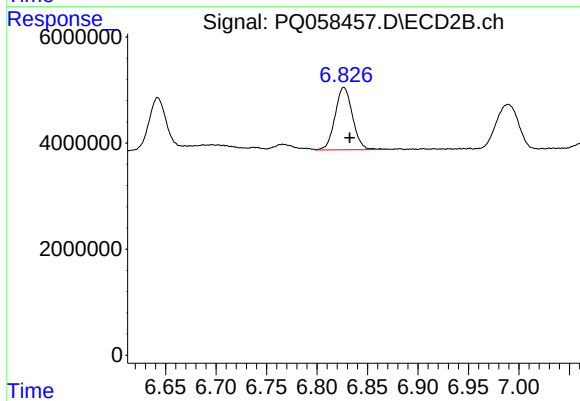
#31 AR-1260-1

R.T.: 6.642 min
Delta R.T.: -0.006 min
Response: 12647922
Conc: 26.88 ng/ml



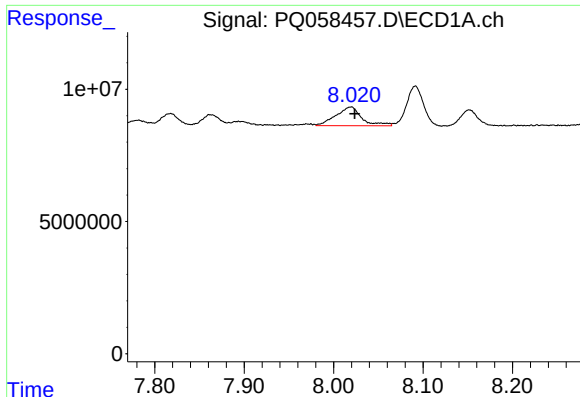
#32 AR-1260-2

R.T.: 7.732 min
Delta R.T.: -0.003 min
Response: 14062320
Conc: 29.11 ng/ml



#32 AR-1260-2

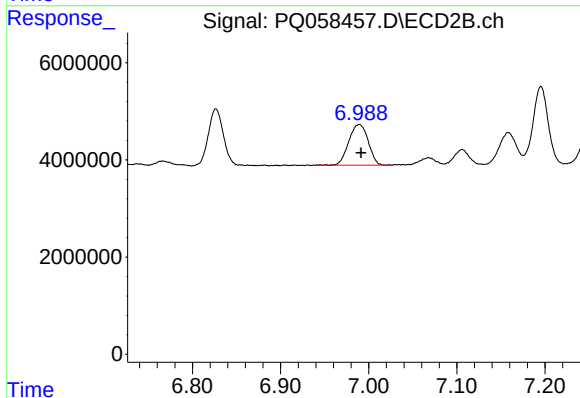
R.T.: 6.827 min
Delta R.T.: -0.006 min
Response: 14180126
Conc: 25.16 ng/ml



#33 AR-1260-3

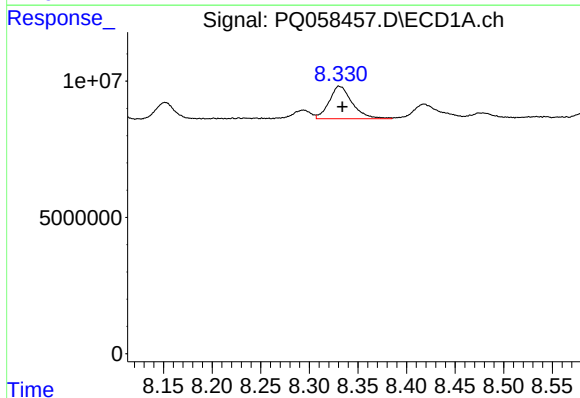
R.T.: 8.019 min
Delta R.T.: -0.005 min
Response: 14269889
Conc: 22.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



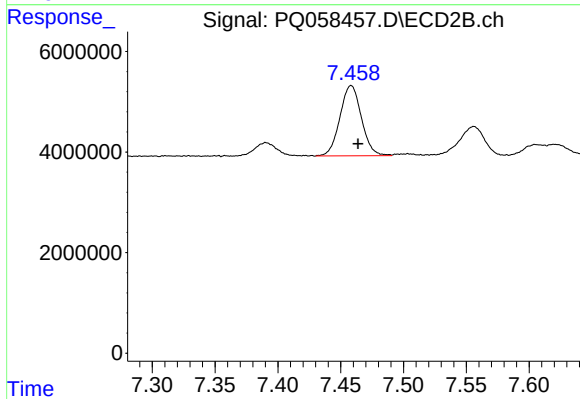
#33 AR-1260-3

R.T.: 6.989 min
Delta R.T.: -0.002 min
Response: 12802759
Conc: 24.58 ng/ml



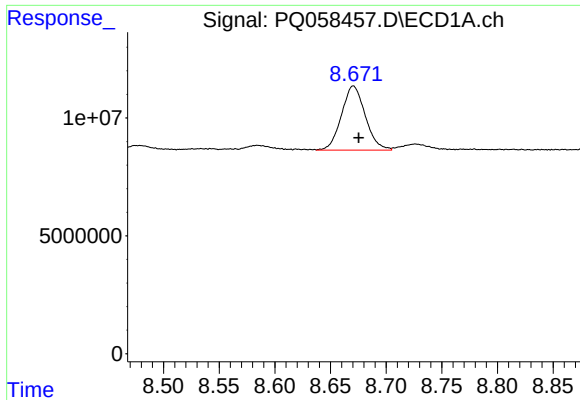
#34 AR-1260-4

R.T.: 8.331 min
Delta R.T.: -0.003 min
Response: 19726321
Conc: 44.80 ng/ml



#34 AR-1260-4

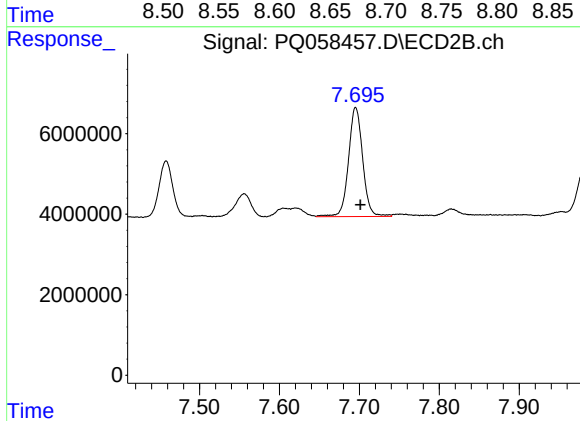
R.T.: 7.458 min
Delta R.T.: -0.006 min
Response: 16639971
Conc: 43.30 ng/ml



#35 AR-1260-5

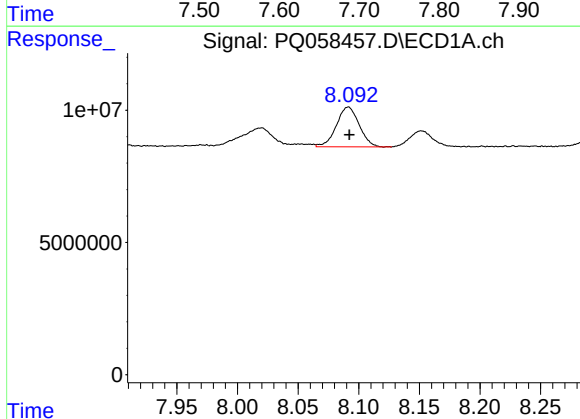
R.T.: 8.671 min
Delta R.T.: -0.005 min
Response: 40574896
Conc: 40.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



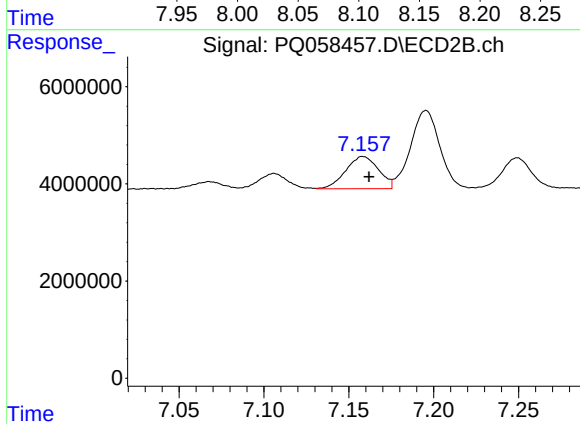
#35 AR-1260-5

R.T.: 7.695 min
Delta R.T.: -0.006 min
Response: 33413321
Conc: 35.95 ng/ml



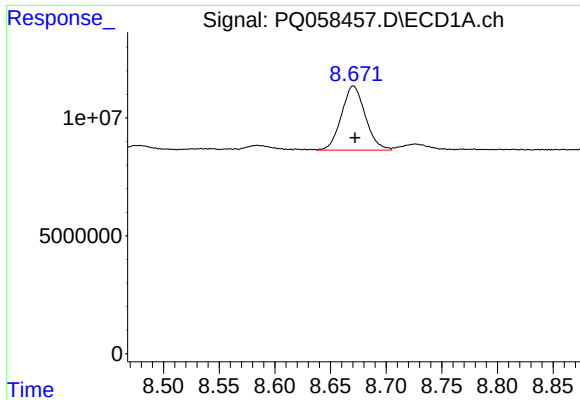
#36 AR-1262-1

R.T.: 8.091 min
Delta R.T.: -0.001 min
Response: 19736775
Conc: 38.09 ng/ml



#36 AR-1262-1

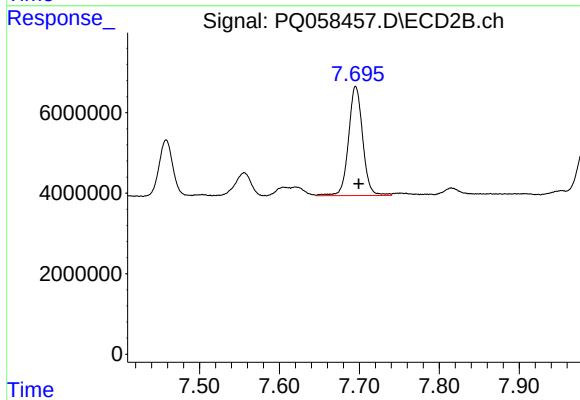
R.T.: 7.158 min
Delta R.T.: -0.004 min
Response: 8895788
Conc: 31.56 ng/ml



#37 AR-1262-2

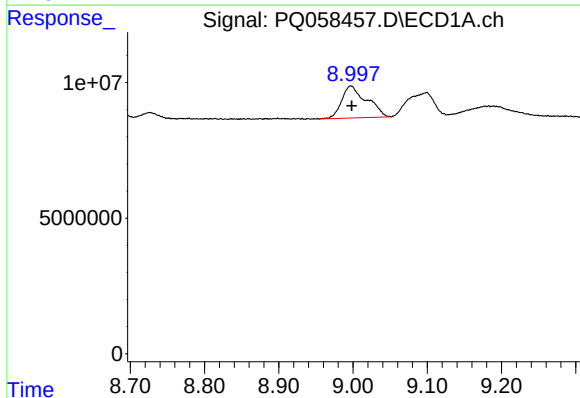
R.T.: 8.671 min
Delta R.T.: -0.002 min
Response: 40574896
Conc: 37.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



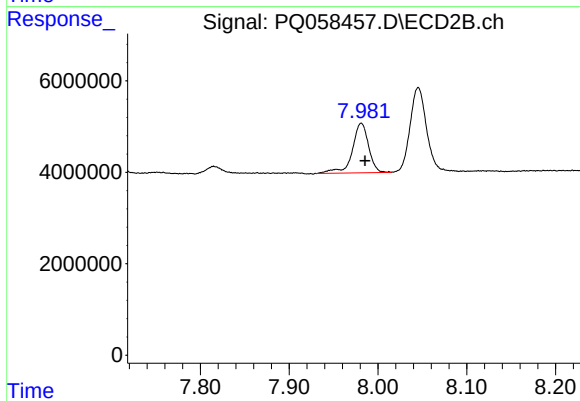
#37 AR-1262-2

R.T.: 7.695 min
Delta R.T.: -0.004 min
Response: 33413321
Conc: 32.25 ng/ml



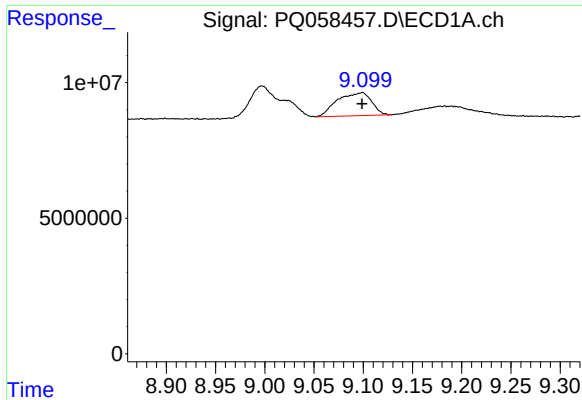
#38 AR-1262-3

R.T.: 8.997 min
Delta R.T.: -0.001 min
Response: 27447911
Conc: 50.23 ng/ml



#38 AR-1262-3

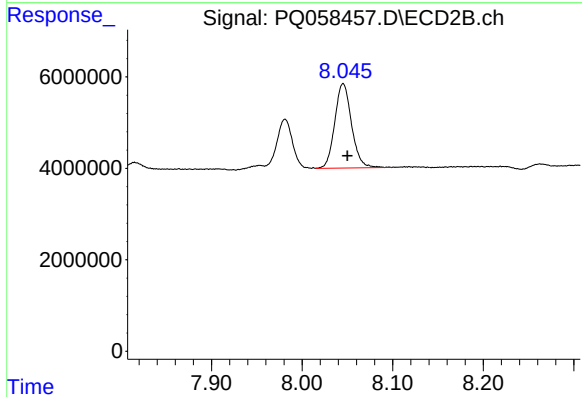
R.T.: 7.981 min
Delta R.T.: -0.004 min
Response: 13879102
Conc: 35.78 ng/ml



#39 AR-1262-4

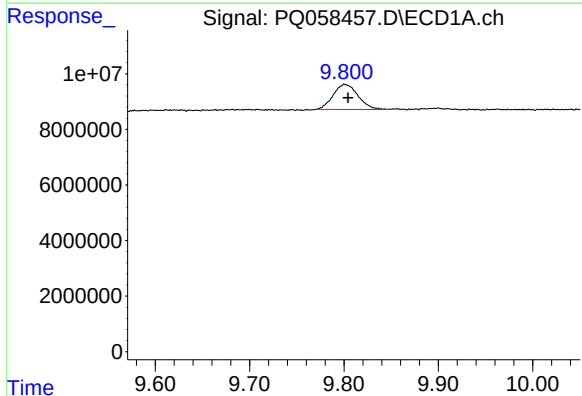
R.T.: 9.098 min
Delta R.T.: 0.000 min
Response: 20576662
Conc: 49.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



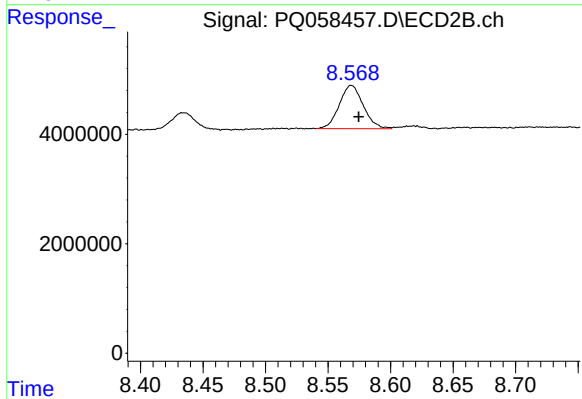
#39 AR-1262-4

R.T.: 8.045 min
Delta R.T.: -0.005 min
Response: 23795239
Conc: 32.37 ng/ml



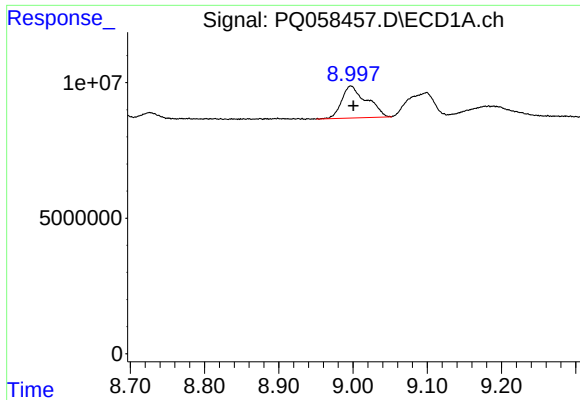
#40 AR-1262-5

R.T.: 9.801 min
Delta R.T.: -0.003 min
Response: 16532985
Conc: 35.12 ng/ml



#40 AR-1262-5

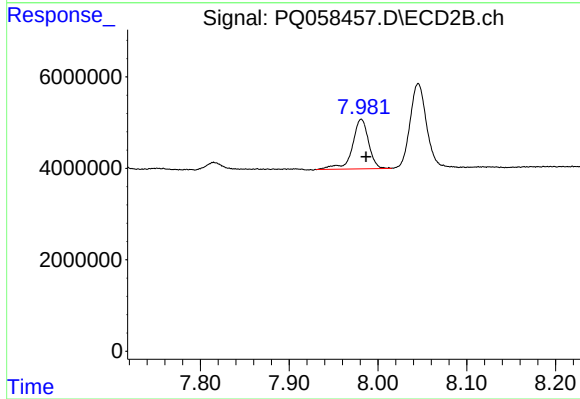
R.T.: 8.569 min
Delta R.T.: -0.006 min
Response: 10513702
Conc: 32.33 ng/ml



#41 AR-1268-1

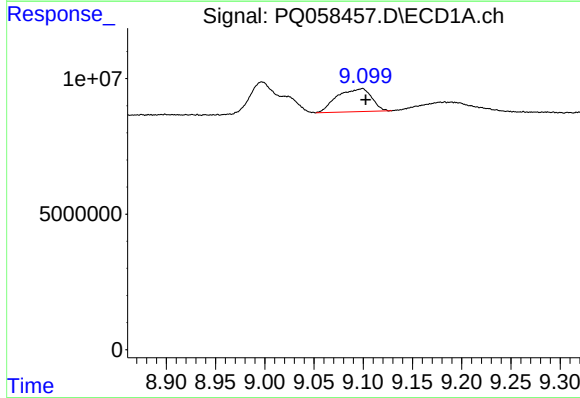
R.T.: 8.997 min
Delta R.T.: -0.003 min
Response: 27447911
Conc: 20.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



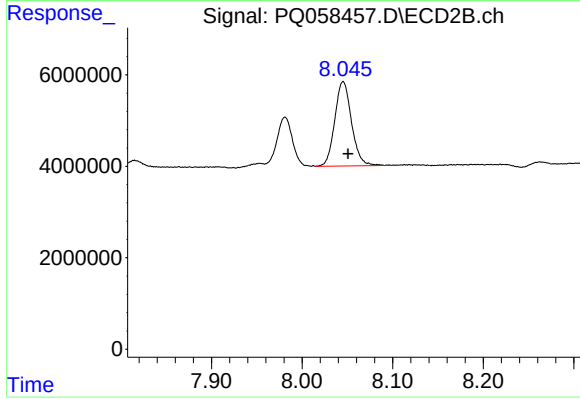
#41 AR-1268-1

R.T.: 7.981 min
Delta R.T.: -0.005 min
Response: 13879102
Conc: 12.93 ng/ml



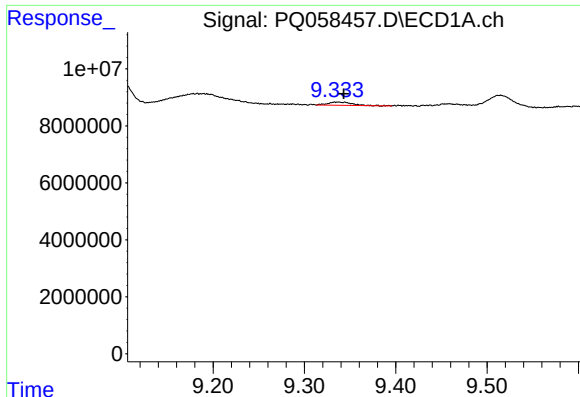
#42 AR-1268-2

R.T.: 9.098 min
Delta R.T.: -0.004 min
Response: 20576662
Conc: 15.02 ng/ml



#42 AR-1268-2

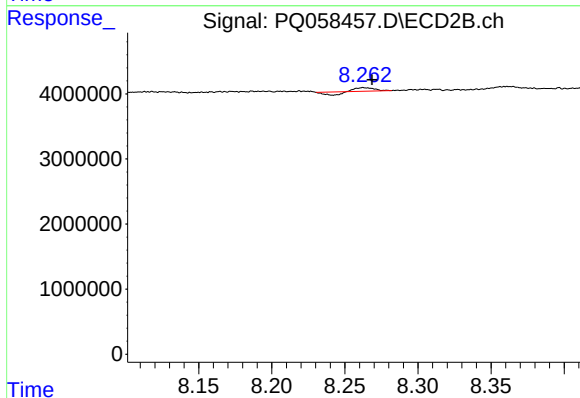
R.T.: 8.045 min
Delta R.T.: -0.005 min
Response: 23795239
Conc: 24.20 ng/ml



#43 AR-1268-3

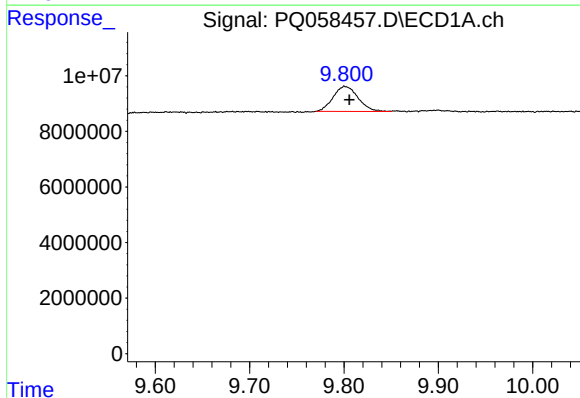
R.T.: 9.336 min
Delta R.T.: -0.007 min
Response: 2050039
Conc: 1.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



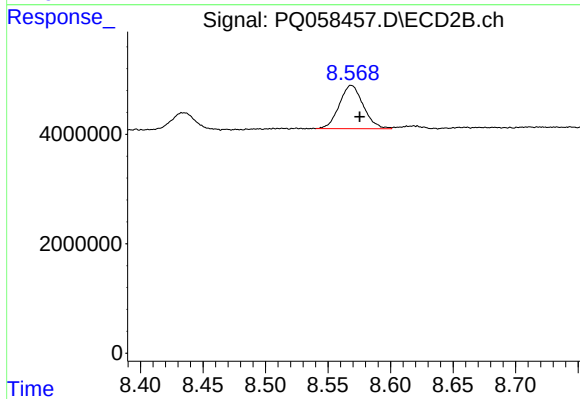
#43 AR-1268-3

R.T.: 8.263 min
Delta R.T.: -0.005 min
Response: 136287
Conc: 0.16 ng/ml



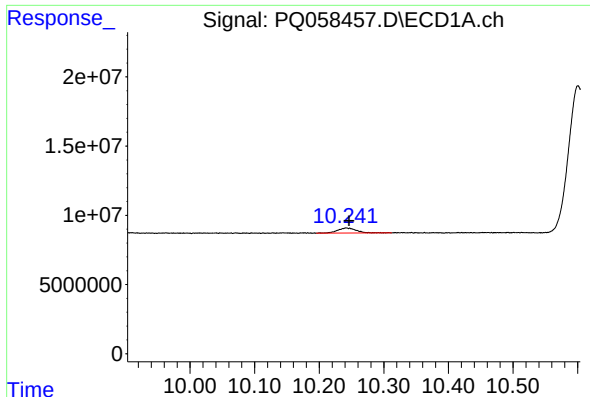
#44 AR-1268-4

R.T.: 9.801 min
Delta R.T.: -0.004 min
Response: 16532985
Conc: 34.47 ng/ml



#44 AR-1268-4

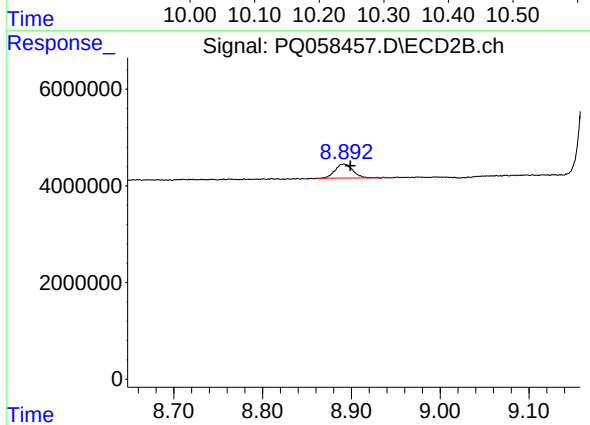
R.T.: 8.569 min
Delta R.T.: -0.007 min
Response: 10513702
Conc: 31.96 ng/ml



#45 AR-1268-5

R.T.: 10.243 min
Delta R.T.: -0.003 min
Response: 7598096
Conc: 1.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.892 min
Delta R.T.: -0.007 min
Response: 4055044
Conc: 1.52 ng/ml