

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091119\
 Data File : PQ043484.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2019 19:34
 Operator : SM\AJ
 Sample : K3591-07
 Misc : AR1248 LOD 25 PPB
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 02:46:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 12 02:33:14 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...	5.694	4.783	25330028	9747520	15.898	16.092
2)	SA Decachlor...	12.085	10.557	125.9E6	62653107	19.959	20.003
Target Compounds							
3)	L1 AR-1016-1	0.000	6.237	0	454509	N.D.	15.408 #
4)	L1 AR-1016-2	0.000	6.261	0	478014	N.D.	12.203 #
5)	L1 AR-1016-3	0.000	6.472	0	295008	N.D.	14.024 #
6)	L1 AR-1016-4	0.000	6.529	0	672369	N.D.	38.593 #
7)	L1 AR-1016-5	7.680	6.781	1499620	733046	28.335	32.753
8)	L2 AR-1221-1	0.000	5.023	0	15372	N.D.	2.637 #
10)	L2 AR-1221-3	0.000	5.316	0	44877	N.D.	2.734 #
11)	L3 AR-1232-1	0.000	5.316	0	44877	N.D.	2.429 #
12)	L3 AR-1232-2	0.000	6.261	0	478014	N.D.	23.961 #
13)	L3 AR-1232-3	0.000	6.472	0	295008	N.D.	27.178 #
14)	L3 AR-1232-4	0.000	6.577	0	889663	N.D.	87.146 #
15)	L3 AR-1232-5	7.451	6.781	2001059	733046	98.070	66.966 #
16)	L4 AR-1242-1	0.000	6.237	0	454509	N.D.	26.309 #
17)	L4 AR-1242-2	0.000	6.261	0	478014	N.D.	20.584 #
18)	L4 AR-1242-3	0.000	6.472	0	295008	N.D.	23.869 #
19)	L4 AR-1242-4	0.000	6.577	0	889663	N.D.	70.020 #
20)	L4 AR-1242-5	8.168	7.189	3128568	1663471	75.237	83.085
21)	L5 AR-1248-1	0.000	6.237	0	454509	N.D.	36.089 #
22)	L5 AR-1248-2	7.451	6.529	2001059	672369	46.765	37.966
23)	L5 AR-1248-3	7.680	6.577	1499620	889663	27.961	47.520 #
24)	L5 AR-1248-4	8.127	6.781	2409928	733046	33.411	31.768
25)	L5 AR-1248-5	8.168	7.238	3128568	1599252	43.216	56.427 #
26)	L6 AR-1254-1	8.096	7.189	1645896	1663471	22.926	36.774 #
27)	L6 AR-1254-2	8.339	7.359	2173621	770909	17.679	17.492
28)	L6 AR-1254-3	8.729	7.806	1939860	1308061	13.338	17.536 #
29)	L6 AR-1254-4	9.030	8.055	1369121	967073	10.637	17.475 #
30)	L6 AR-1254-5	0.000	8.505	0	108989	N.D.	1.337 #
31)	L7 AR-1260-1	0.000	7.943	0	228041	N.D.	3.928 #
32)	L7 AR-1260-2	0.000	8.154	0	95744	N.D.	1.252 #
33)	L7 AR-1260-3	0.000	8.316	0	459416	N.D.	6.553 #
34)	L7 AR-1260-4	0.000	8.820	0	62987	N.D.	0.955 #
35)	L7 AR-1260-5	0.000	9.099	0	44013	N.D.	0.234 #
36)	L8 AR-1262-1	0.000	8.505	0	108989	N.D.	1.102 #
37)	L8 AR-1262-2	0.000	9.035	0	157250	N.D.	0.704 #
38)	L8 AR-1262-3	0.000	9.362	0	290634	N.D.	2.526 #
39)	L8 AR-1262-4	0.000	9.434	0	233800	N.D.	1.038 #
40)	L8 AR-1262-5	0.000	9.958	0	344271	N.D.	2.228 #
41)	L9 AR-1268-1	0.000	9.362	0	290634	N.D.	0.889 #
42)	L9 AR-1268-2	0.000	9.434	0	233800	N.D.	0.731 #

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 Integration File signal 2: autoint2.e
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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091119.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
43) L9	AR-1268-3	10.813	9.648	2542643	734165	4.797	2.591 #
44) L9	AR-1268-4	0.000	9.958	0	344271	N.D.	2.118 #
45) L9	AR-1268-5	0.000	10.273	0	1129057	N.D.	0.899 #

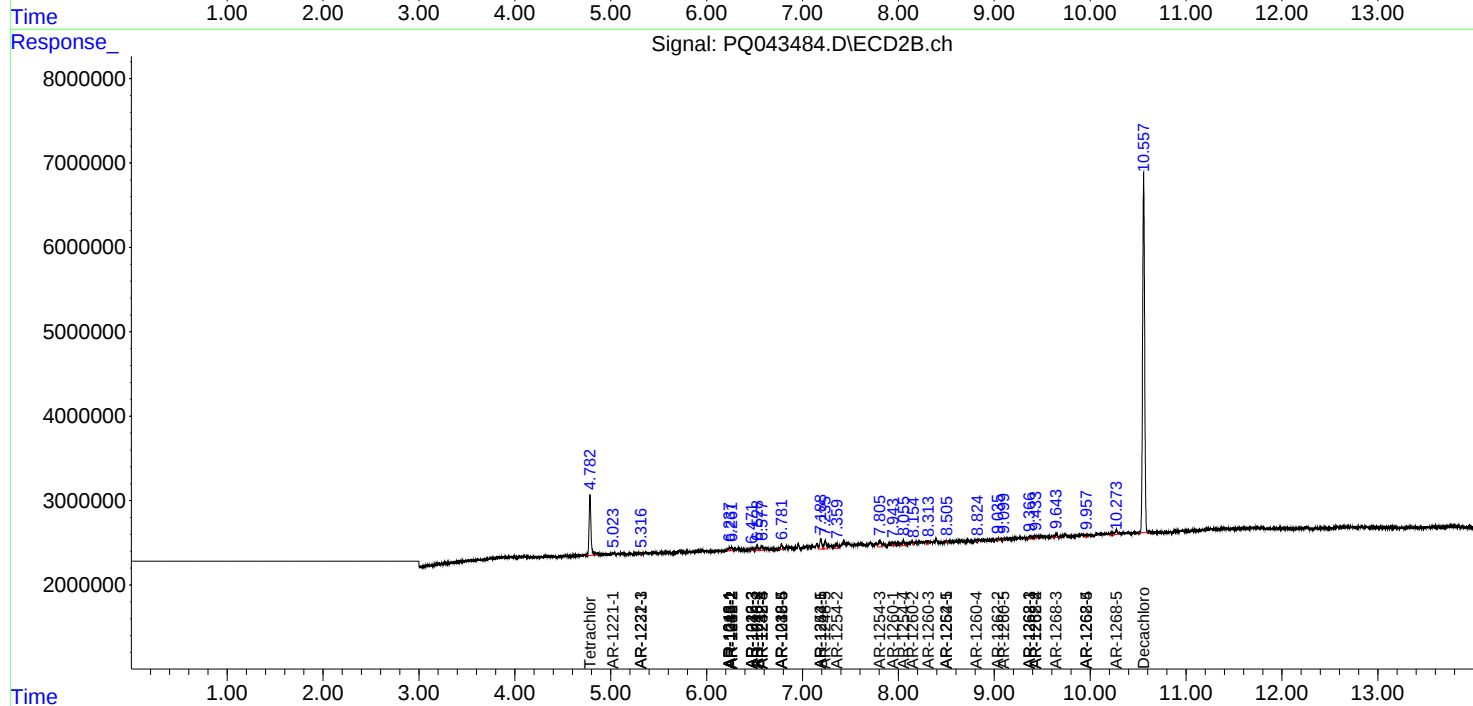
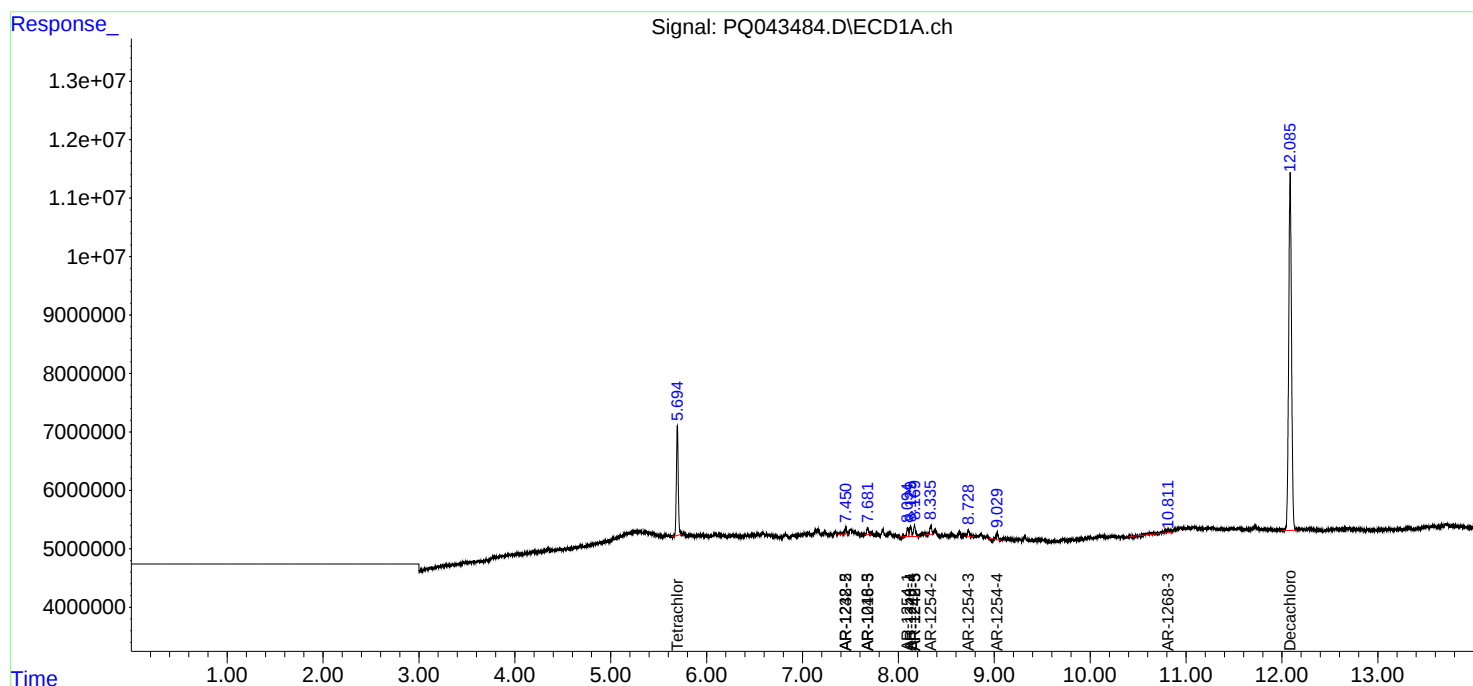
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

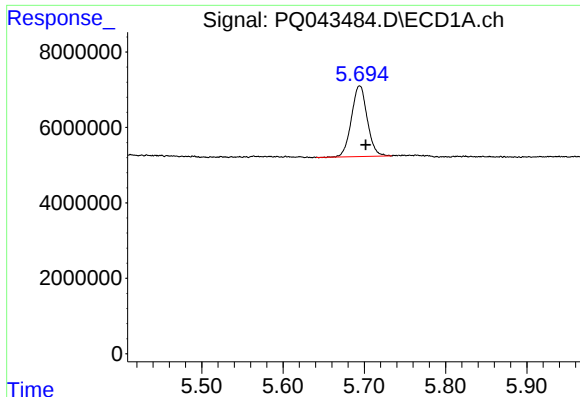
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091119\
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

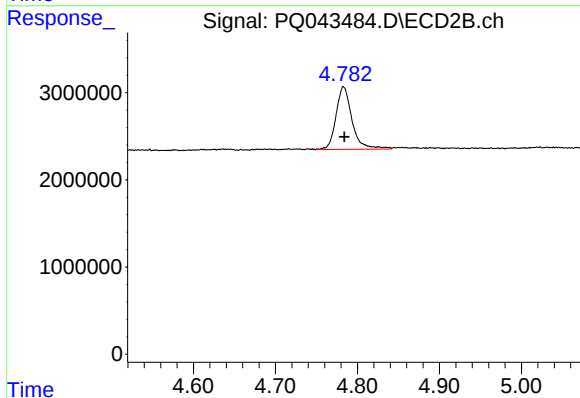




#1 Tetrachloro-m-xylene

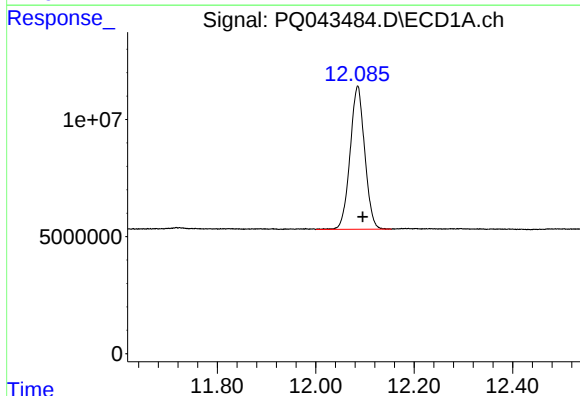
R.T.: 5.694 min
Delta R.T.: -0.008 min
Response: 25330028
Conc: 15.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



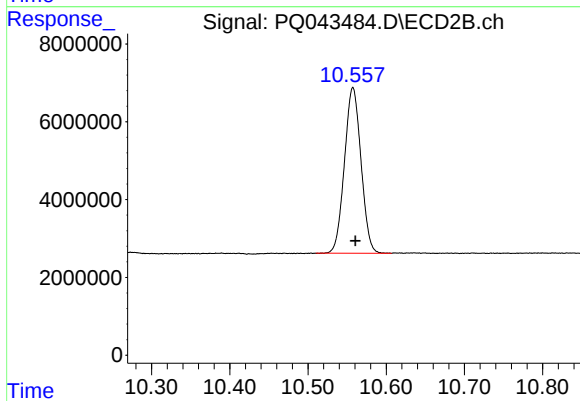
#1 Tetrachloro-m-xylene

R.T.: 4.783 min
Delta R.T.: -0.001 min
Response: 9747520
Conc: 16.09 ng/ml



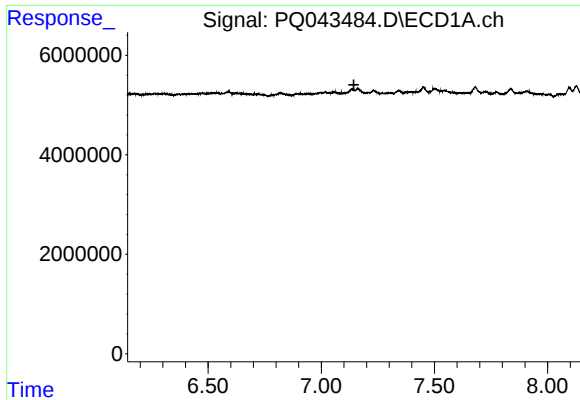
#2 Decachlorobiphenyl

R.T.: 12.085 min
Delta R.T.: -0.010 min
Response: 125879085
Conc: 19.96 ng/ml



#2 Decachlorobiphenyl

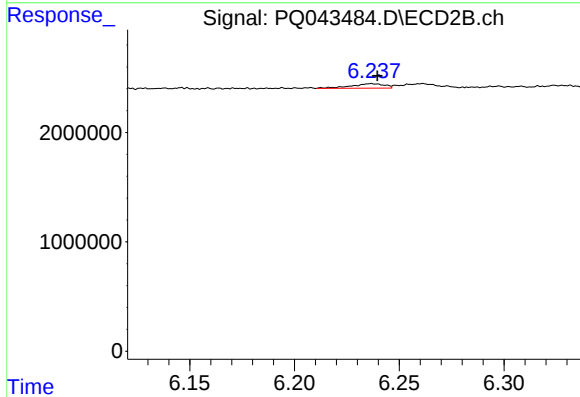
R.T.: 10.557 min
Delta R.T.: -0.003 min
Response: 62653107
Conc: 20.00 ng/ml



#3 AR-1016-1

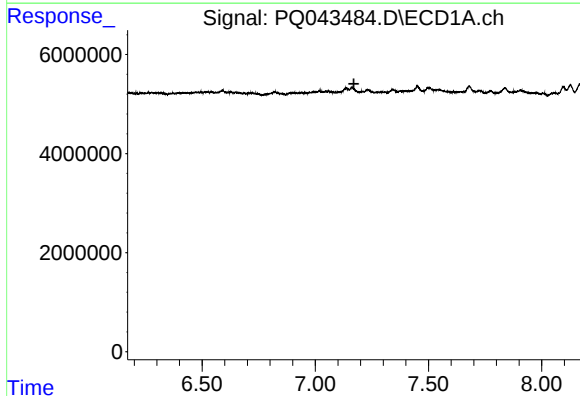
R.T.: 0.000 min
Exp R.T.: 7.144 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



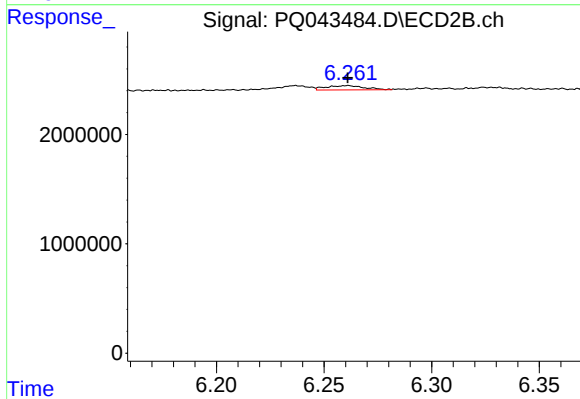
#3 AR-1016-1

R.T.: 6.237 min
Delta R.T.: -0.003 min
Response: 454509
Conc: 15.41 ng/ml



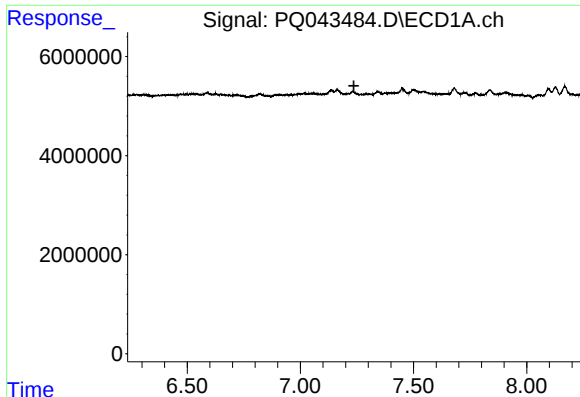
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 7.170 min
Response: 0
Conc: N.D.



#4 AR-1016-2

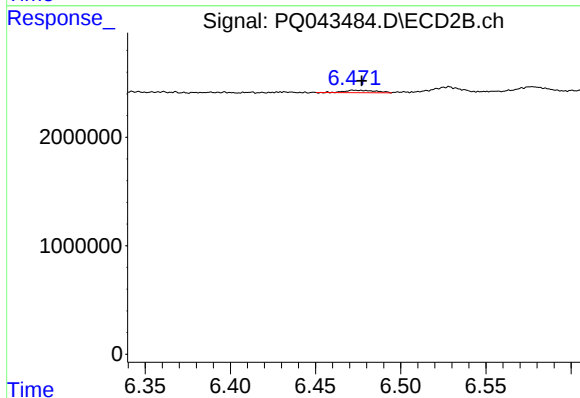
R.T.: 6.261 min
Delta R.T.: 0.000 min
Response: 478014
Conc: 12.20 ng/ml



#5 AR-1016-3

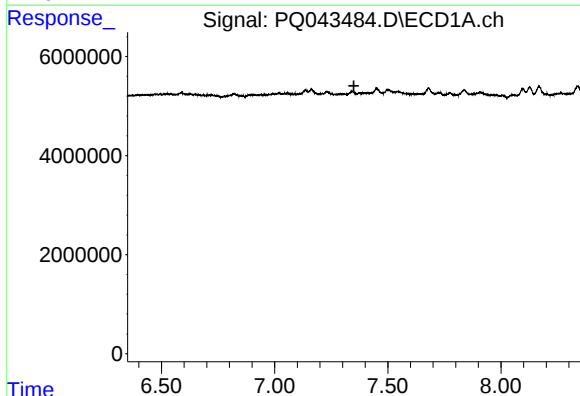
R.T.: 0.000 min
Exp R.T.: 7.236 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



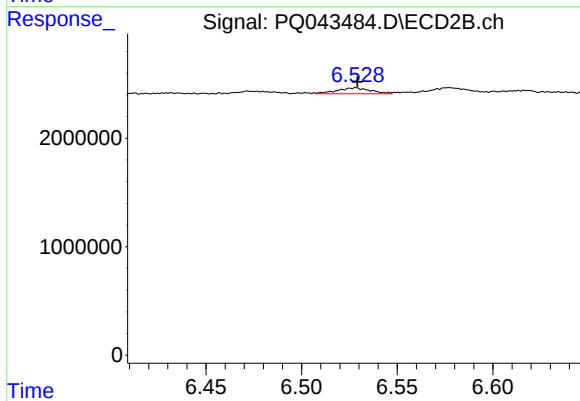
#5 AR-1016-3

R.T.: 6.472 min
Delta R.T.: -0.005 min
Response: 295008
Conc: 14.02 ng/ml



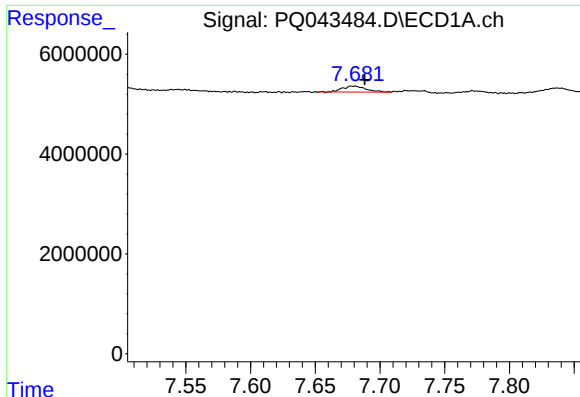
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 7.350 min
Response: 0
Conc: N.D.



#6 AR-1016-4

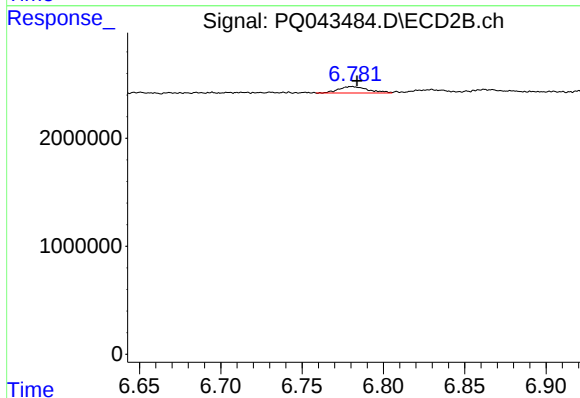
R.T.: 6.529 min
Delta R.T.: 0.000 min
Response: 672369
Conc: 38.59 ng/ml



#7 AR-1016-5

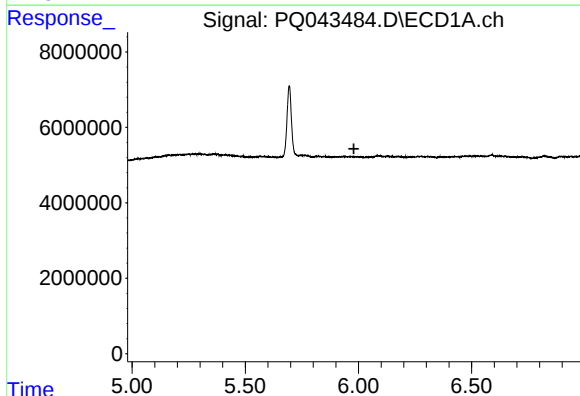
R.T.: 7.680 min
Delta R.T.: -0.008 min
Response: 1499620
Conc: 28.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



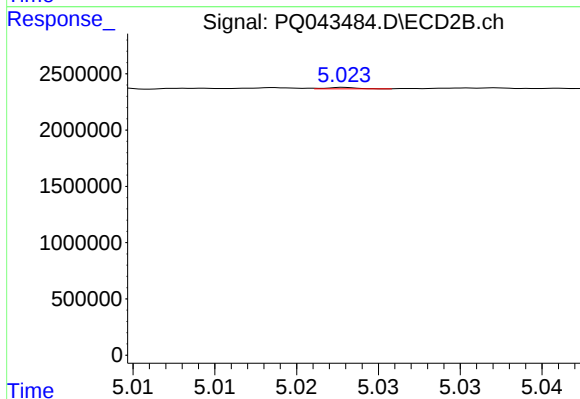
#7 AR-1016-5

R.T.: 6.781 min
Delta R.T.: -0.003 min
Response: 733046
Conc: 32.75 ng/ml



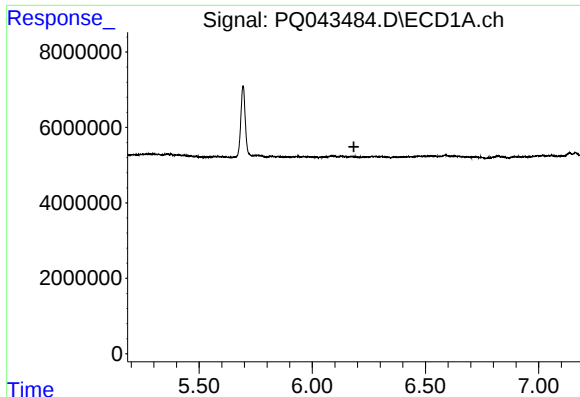
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.980 min
Response: 0
Conc: N.D.



#8 AR-1221-1

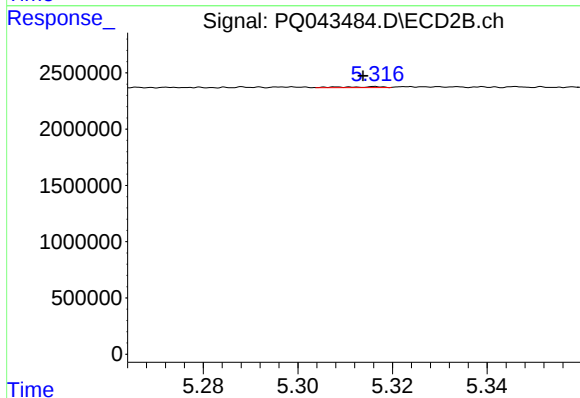
R.T.: 5.023 min
Delta R.T.: -0.069 min
Response: 15372
Conc: 2.64 ng/ml



#10 AR-1221-3

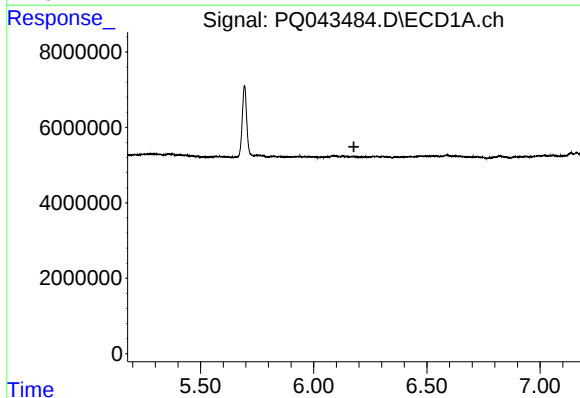
R.T.: 0.000 min
Exp R.T.: 6.184 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



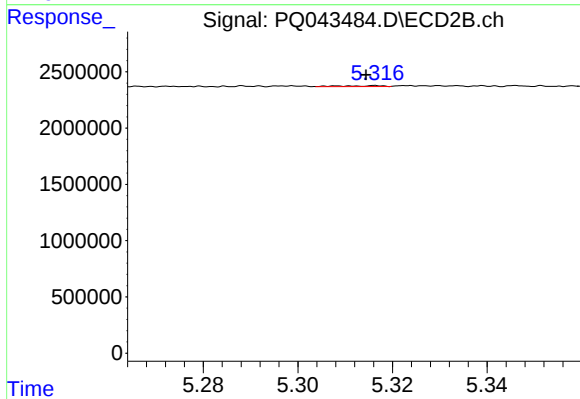
#10 AR-1221-3

R.T.: 5.316 min
Delta R.T.: 0.003 min
Response: 44877
Conc: 2.73 ng/ml



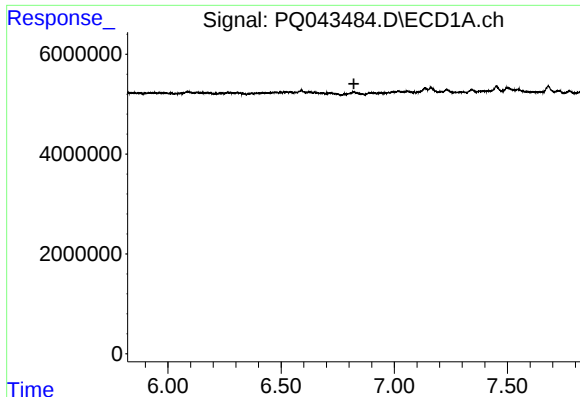
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 6.178 min
Response: 0
Conc: N.D.



#11 AR-1232-1

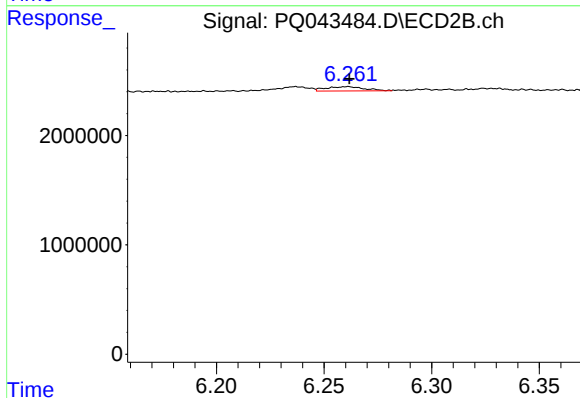
R.T.: 5.316 min
Delta R.T.: 0.002 min
Response: 44877
Conc: 2.43 ng/ml



#12 AR-1232-2

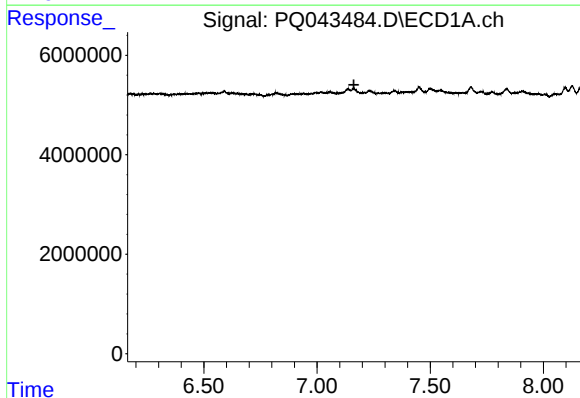
R.T.: 0.000 min
Exp R.T.: 6.822 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



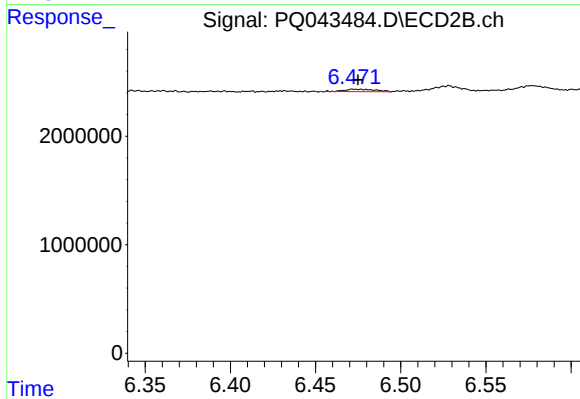
#12 AR-1232-2

R.T.: 6.261 min
Delta R.T.: 0.000 min
Response: 478014
Conc: 23.96 ng/ml



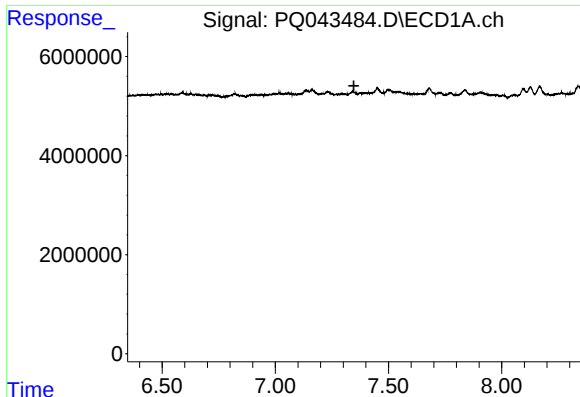
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 7.163 min
Response: 0
Conc: N.D.



#13 AR-1232-3

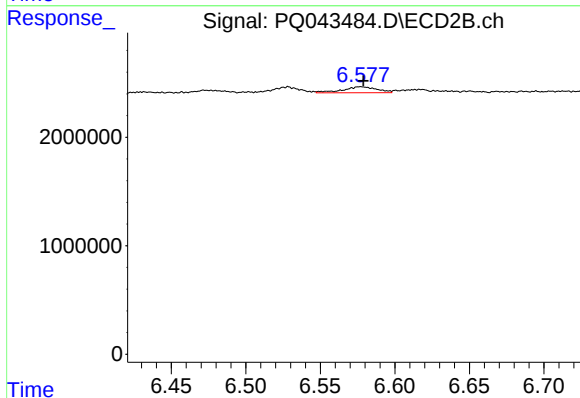
R.T.: 6.472 min
Delta R.T.: -0.003 min
Response: 295008
Conc: 27.18 ng/ml



#14 AR-1232-4

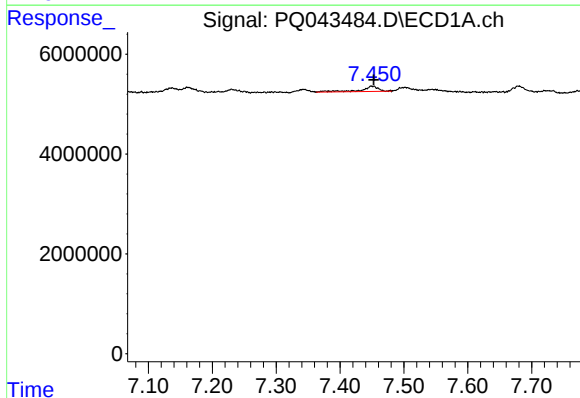
R.T.: 0.000 min
Exp R.T.: 7.347 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



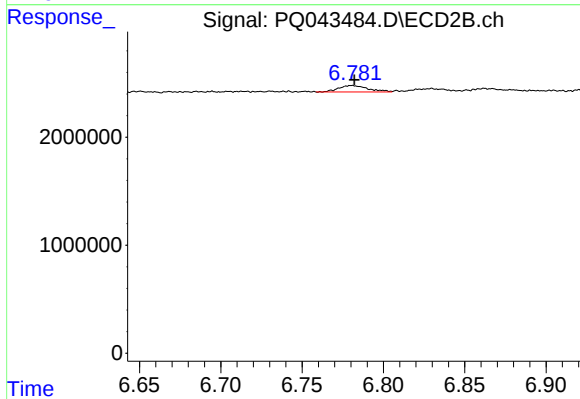
#14 AR-1232-4

R.T.: 6.577 min
Delta R.T.: -0.002 min
Response: 889663
Conc: 87.15 ng/ml



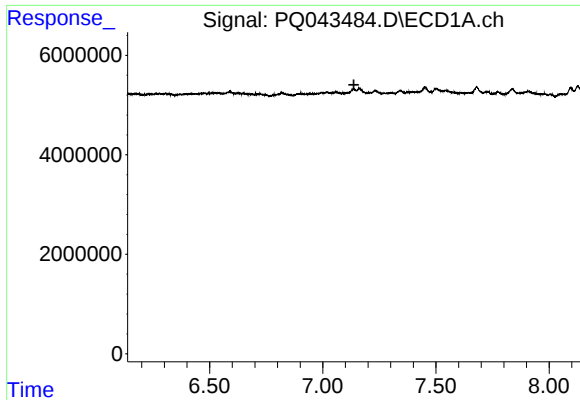
#15 AR-1232-5

R.T.: 7.451 min
Delta R.T.: -0.002 min
Response: 2001059
Conc: 98.07 ng/ml



#15 AR-1232-5

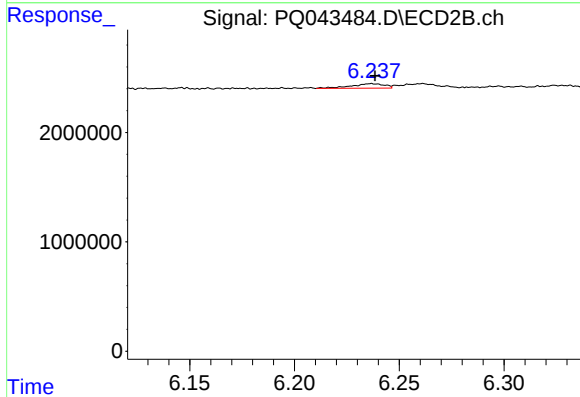
R.T.: 6.781 min
Delta R.T.: -0.001 min
Response: 733046
Conc: 66.97 ng/ml



#16 AR-1242-1

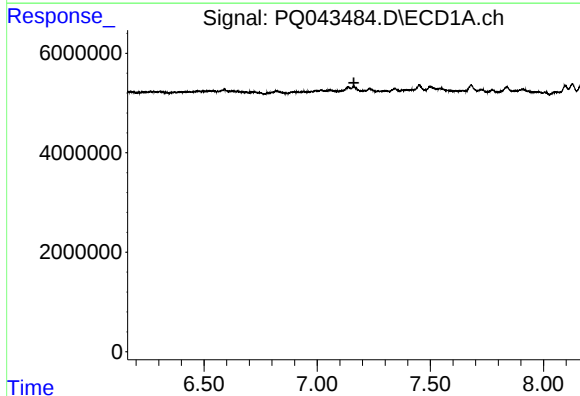
R.T.: 0.000 min
Exp R.T.: 7.137 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



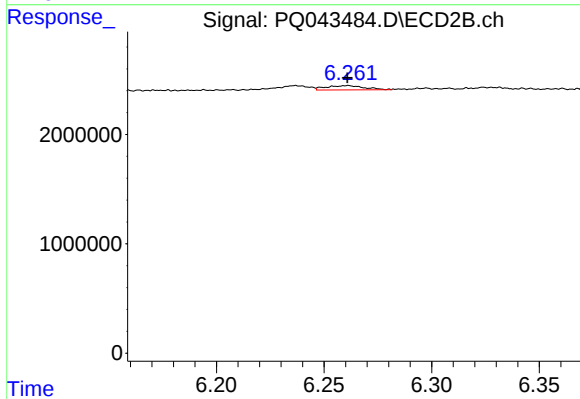
#16 AR-1242-1

R.T.: 6.237 min
Delta R.T.: -0.002 min
Response: 454509
Conc: 26.31 ng/ml



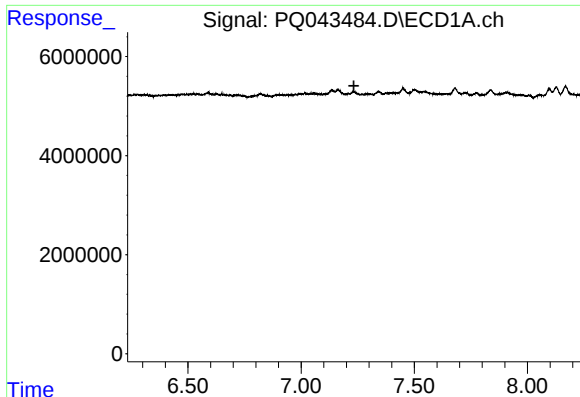
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 7.162 min
Response: 0
Conc: N.D.



#17 AR-1242-2

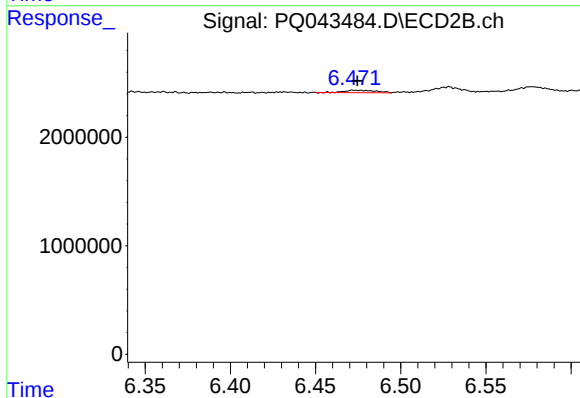
R.T.: 6.261 min
Delta R.T.: 0.000 min
Response: 478014
Conc: 20.58 ng/ml



#18 AR-1242-3

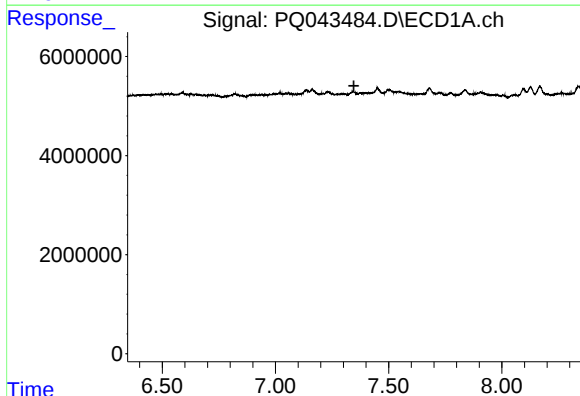
R.T.: 0.000 min
Exp R.T.: 7.233 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



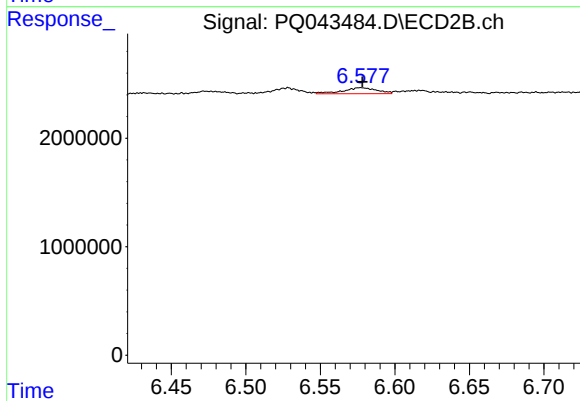
#18 AR-1242-3

R.T.: 6.472 min
Delta R.T.: -0.003 min
Response: 295008
Conc: 23.87 ng/ml



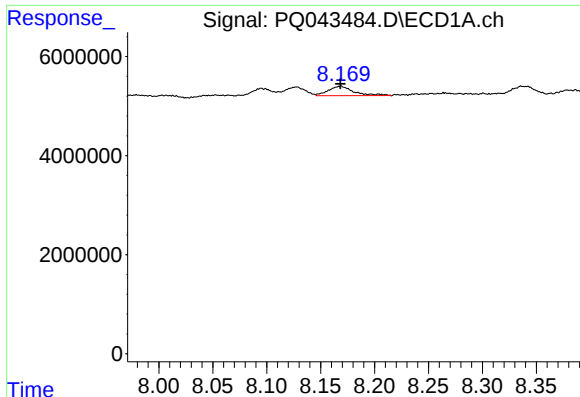
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 7.346 min
Response: 0
Conc: N.D.



#19 AR-1242-4

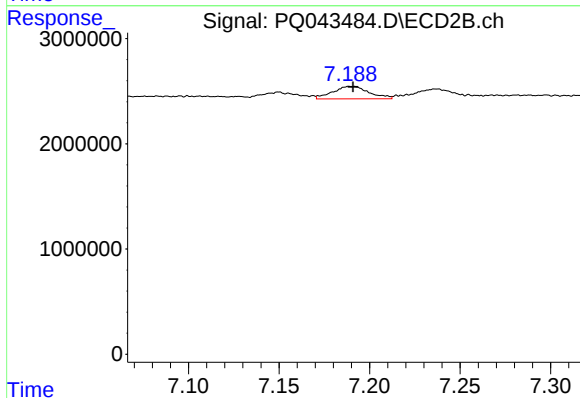
R.T.: 6.577 min
Delta R.T.: -0.001 min
Response: 889663
Conc: 70.02 ng/ml



#20 AR-1242-5

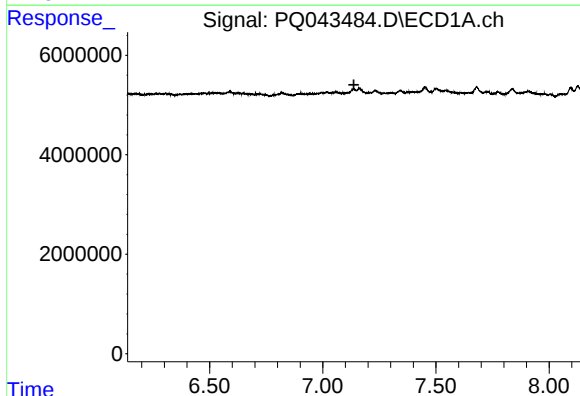
R.T.: 8.168 min
Delta R.T.: 0.000 min
Response: 3128568
Conc: 75.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



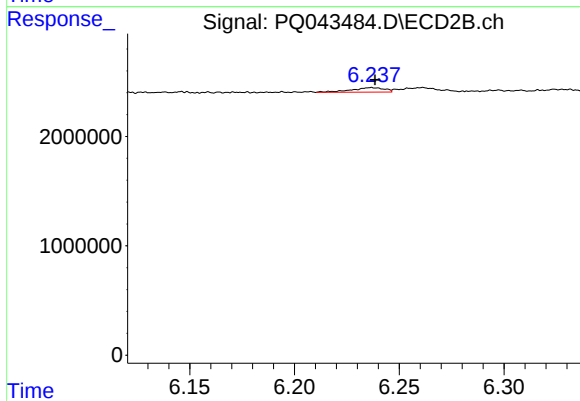
#20 AR-1242-5

R.T.: 7.189 min
Delta R.T.: -0.002 min
Response: 1663471
Conc: 83.09 ng/ml



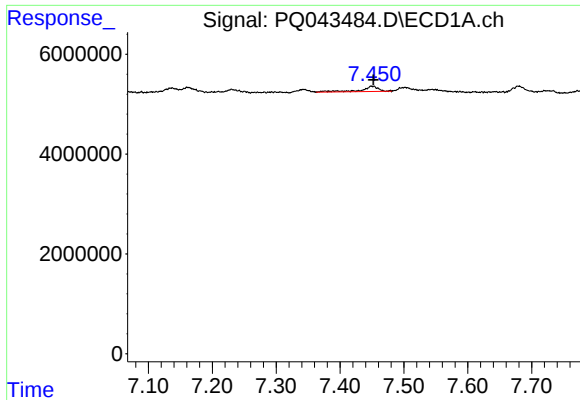
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 7.137 min
Response: 0
Conc: N.D.



#21 AR-1248-1

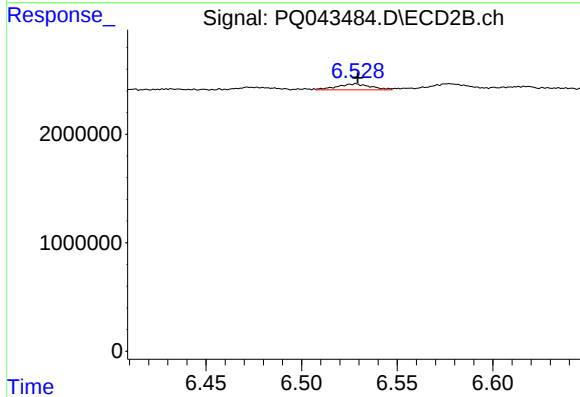
R.T.: 6.237 min
Delta R.T.: -0.002 min
Response: 454509
Conc: 36.09 ng/ml



#22 AR-1248-2

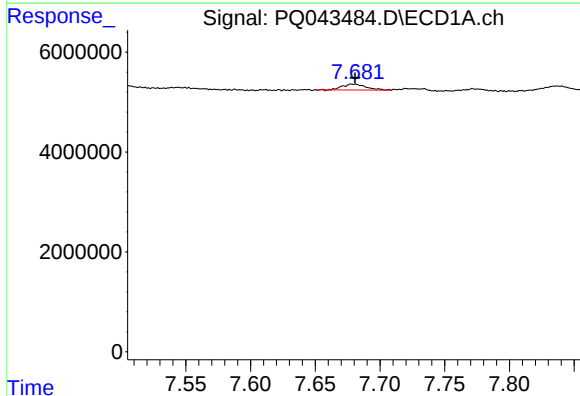
R.T.: 7.451 min
Delta R.T.: -0.002 min
Response: 2001059
Conc: 46.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



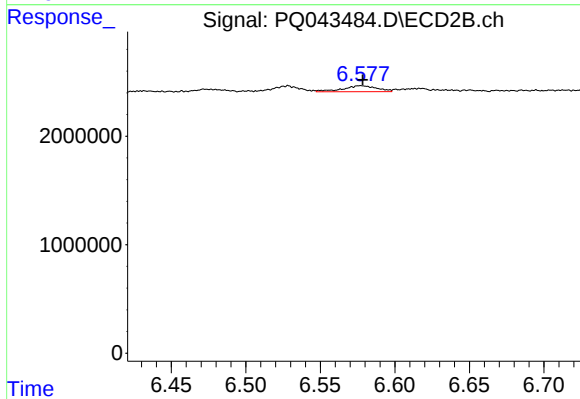
#22 AR-1248-2

R.T.: 6.529 min
Delta R.T.: 0.000 min
Response: 672369
Conc: 37.97 ng/ml



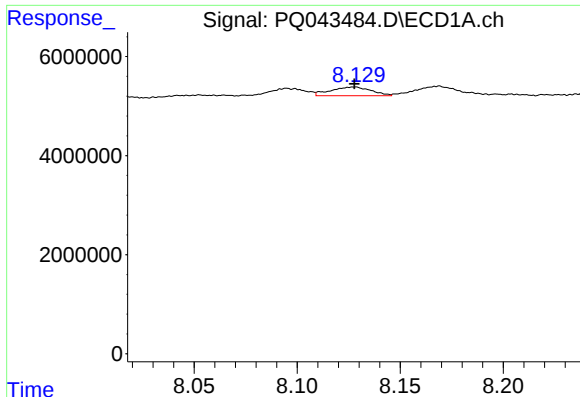
#23 AR-1248-3

R.T.: 7.680 min
Delta R.T.: 0.000 min
Response: 1499620
Conc: 27.96 ng/ml



#23 AR-1248-3

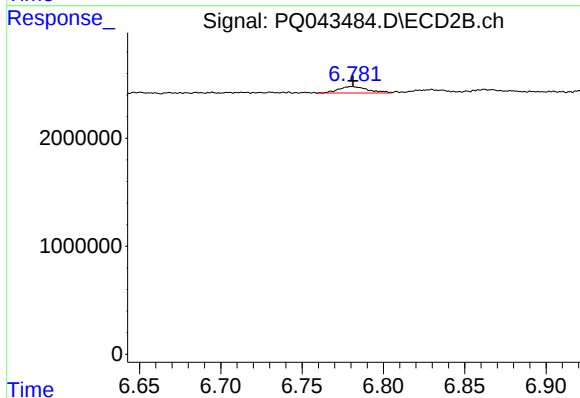
R.T.: 6.577 min
Delta R.T.: -0.001 min
Response: 889663
Conc: 47.52 ng/ml



#24 AR-1248-4

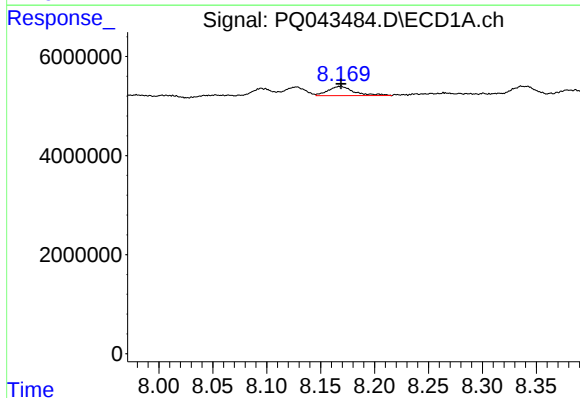
R.T.: 8.127 min
Delta R.T.: 0.000 min
Response: 2409928
Conc: 33.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



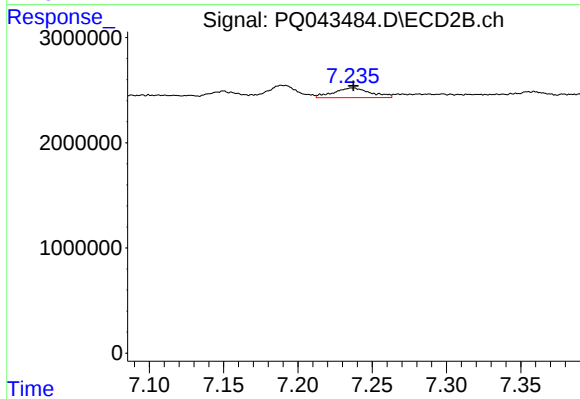
#24 AR-1248-4

R.T.: 6.781 min
Delta R.T.: 0.000 min
Response: 733046
Conc: 31.77 ng/ml



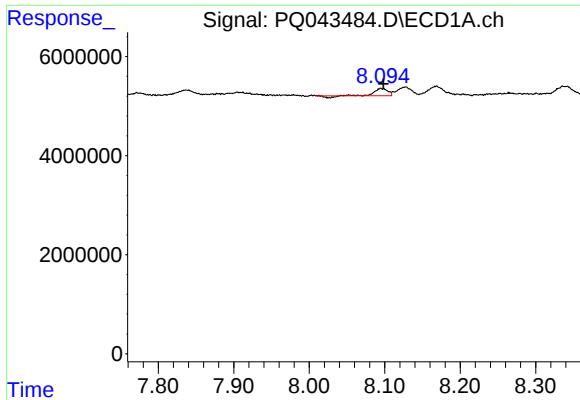
#25 AR-1248-5

R.T.: 8.168 min
Delta R.T.: 0.000 min
Response: 3128568
Conc: 43.22 ng/ml



#25 AR-1248-5

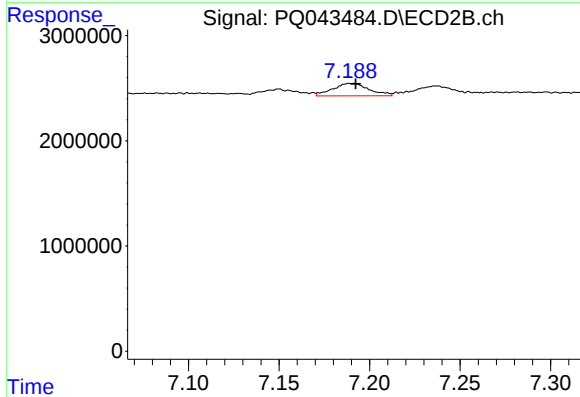
R.T.: 7.238 min
Delta R.T.: 0.000 min
Response: 1599252
Conc: 56.43 ng/ml



#26 AR-1254-1

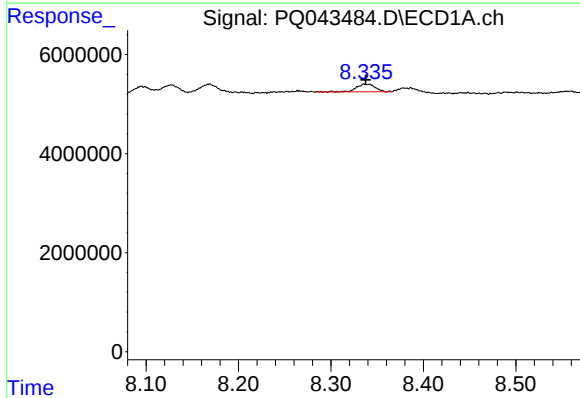
R.T.: 8.096 min
Delta R.T.: -0.002 min
Response: 1645896
Conc: 22.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



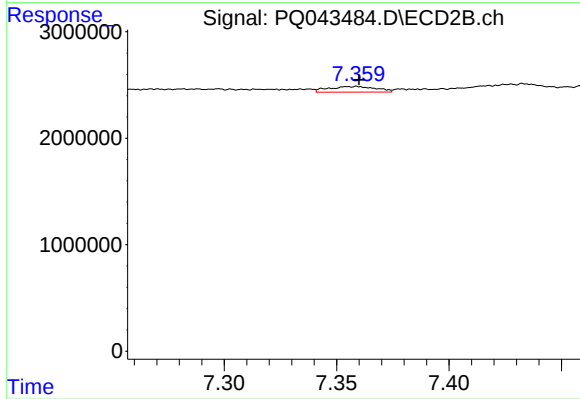
#26 AR-1254-1

R.T.: 7.189 min
Delta R.T.: -0.003 min
Response: 1663471
Conc: 36.77 ng/ml



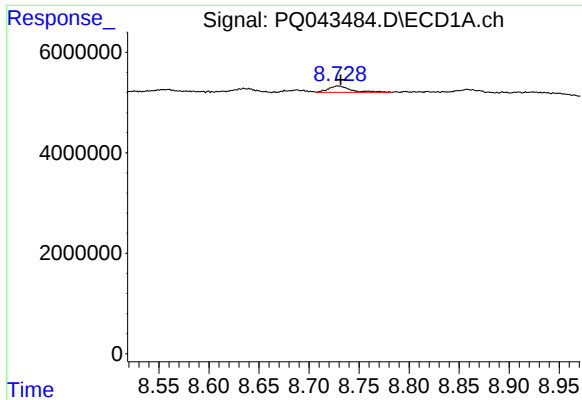
#27 AR-1254-2

R.T.: 8.339 min
Delta R.T.: 0.001 min
Response: 2173621
Conc: 17.68 ng/ml



#27 AR-1254-2

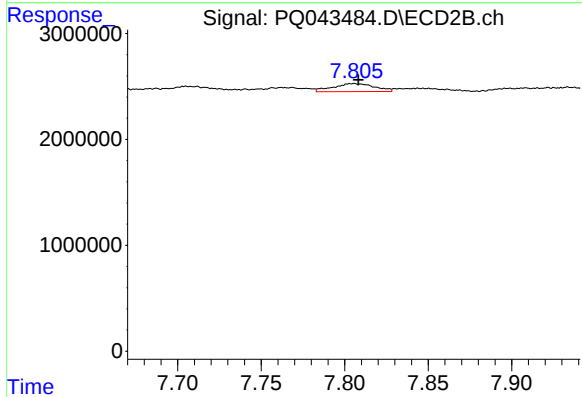
R.T.: 7.359 min
Delta R.T.: -0.001 min
Response: 770909
Conc: 17.49 ng/ml



#28 AR-1254-3

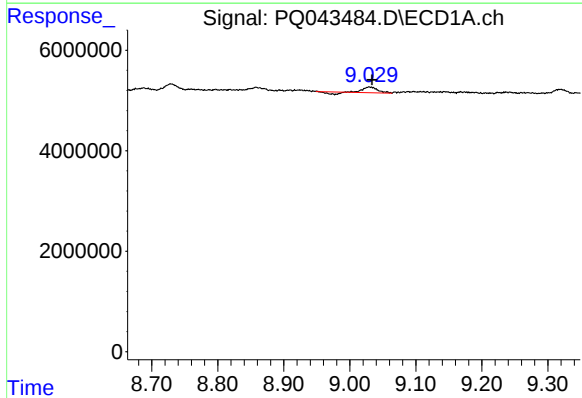
R.T.: 8.729 min
Delta R.T.: -0.002 min
Response: 1939860
Conc: 13.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



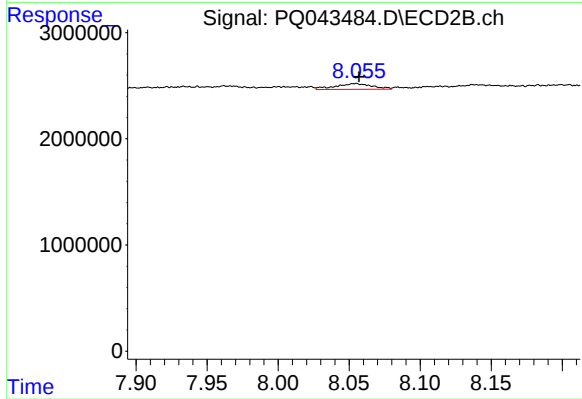
#28 AR-1254-3

R.T.: 7.806 min
Delta R.T.: -0.002 min
Response: 1308061
Conc: 17.54 ng/ml



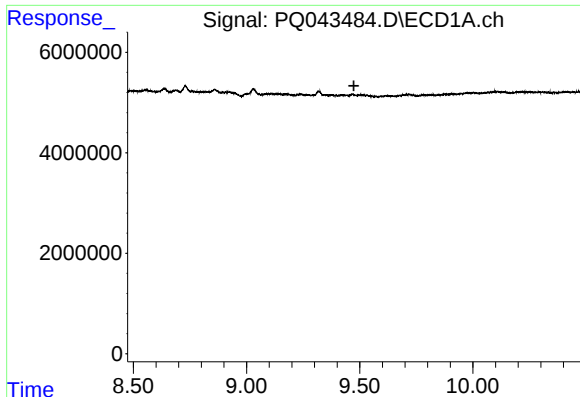
#29 AR-1254-4

R.T.: 9.030 min
Delta R.T.: -0.004 min
Response: 1369121
Conc: 10.64 ng/ml



#29 AR-1254-4

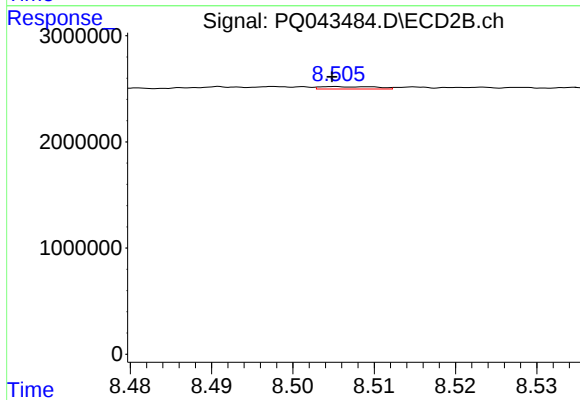
R.T.: 8.055 min
Delta R.T.: -0.002 min
Response: 967073
Conc: 17.47 ng/ml



#30 AR-1254-5

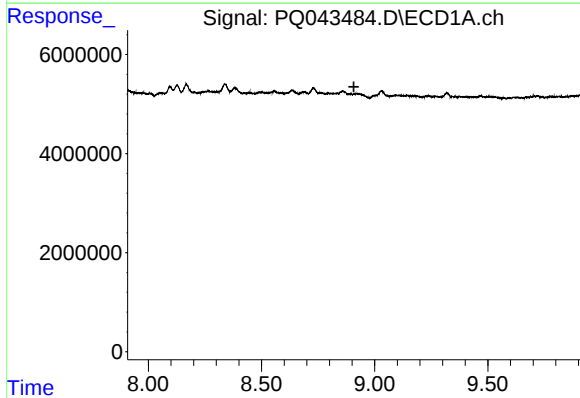
R.T.: 0.000 min
Exp R.T. : 9.474 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



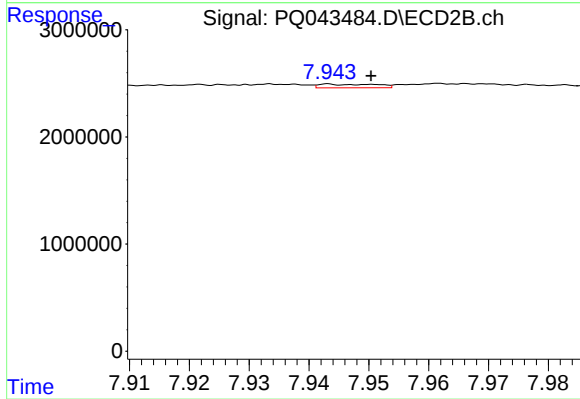
#30 AR-1254-5

R.T.: 8.505 min
Delta R.T.: 0.000 min
Response: 108989
Conc: 1.34 ng/ml



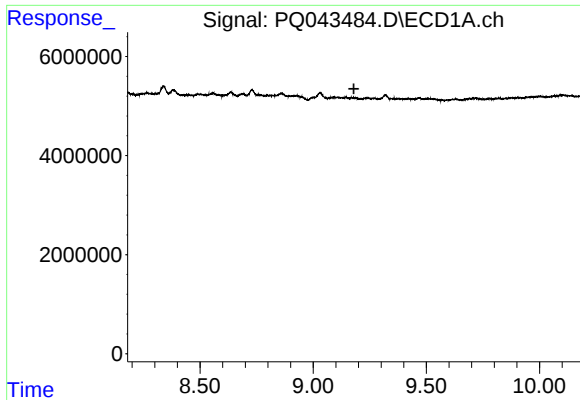
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 8.908 min
Response: 0
Conc: N.D.



#31 AR-1260-1

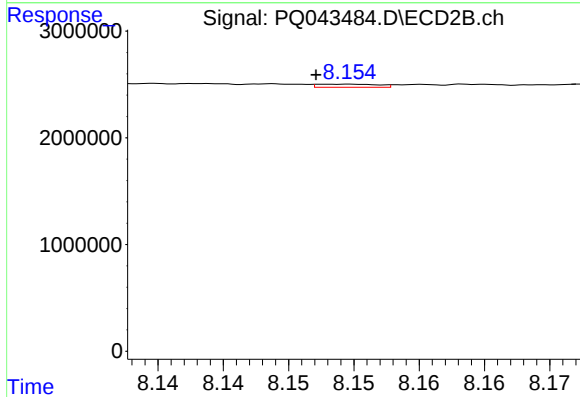
R.T.: 7.943 min
Delta R.T.: -0.007 min
Response: 228041
Conc: 3.93 ng/ml



#32 AR-1260-2

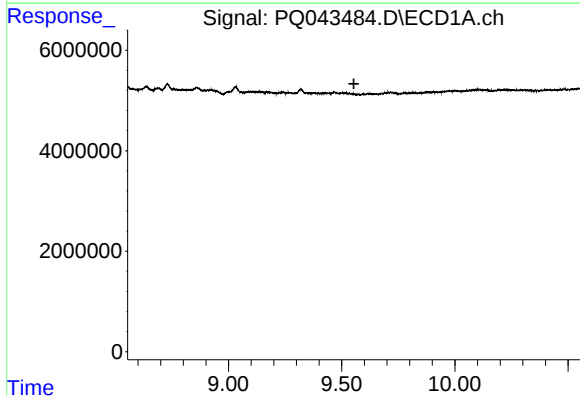
R.T.: 0.000 min
Exp R.T.: 9.180 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



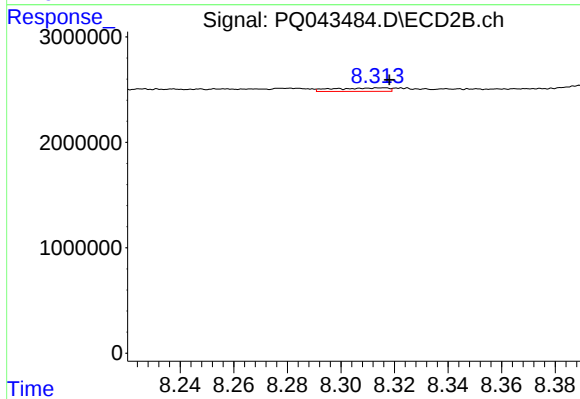
#32 AR-1260-2

R.T.: 8.154 min
Delta R.T.: 0.002 min
Response: 95744
Conc: 1.25 ng/ml



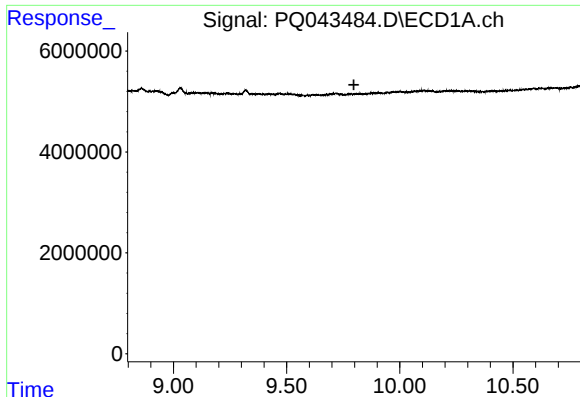
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T.: 9.554 min
Response: 0
Conc: N.D.



#33 AR-1260-3

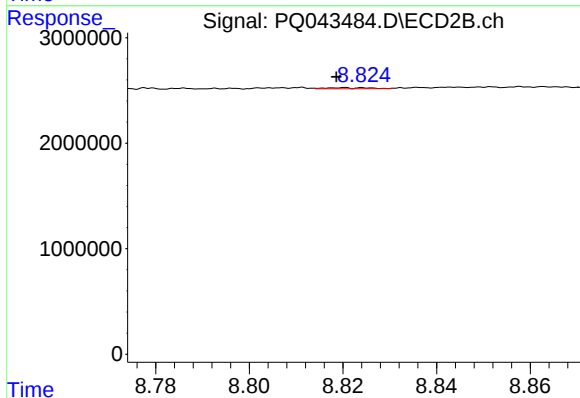
R.T.: 8.316 min
Delta R.T.: -0.002 min
Response: 459416
Conc: 6.55 ng/ml



#34 AR-1260-4

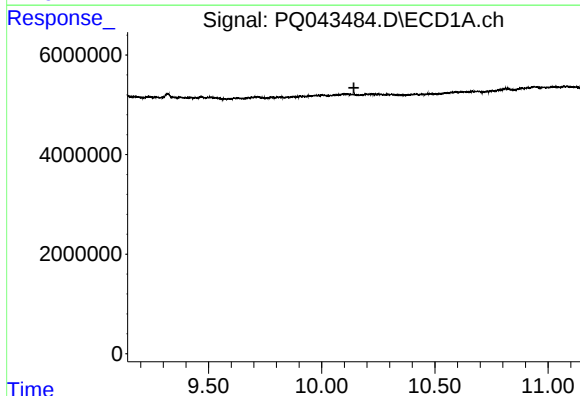
R.T.: 0.000 min
Exp R.T. : 9.797 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



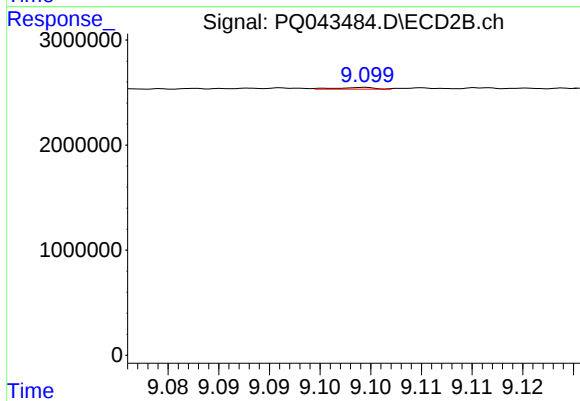
#34 AR-1260-4

R.T.: 8.820 min
Delta R.T.: 0.002 min
Response: 62987
Conc: 0.96 ng/ml



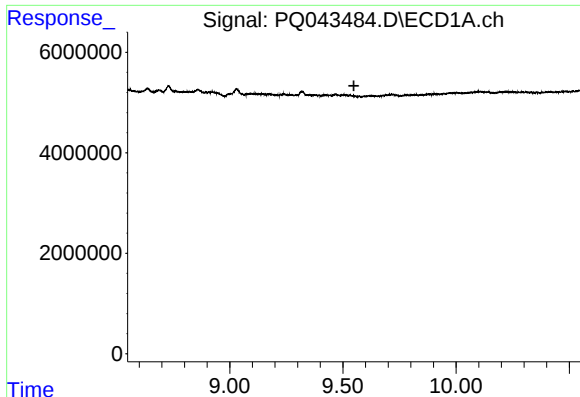
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 10.142 min
Response: 0
Conc: N.D.



#35 AR-1260-5

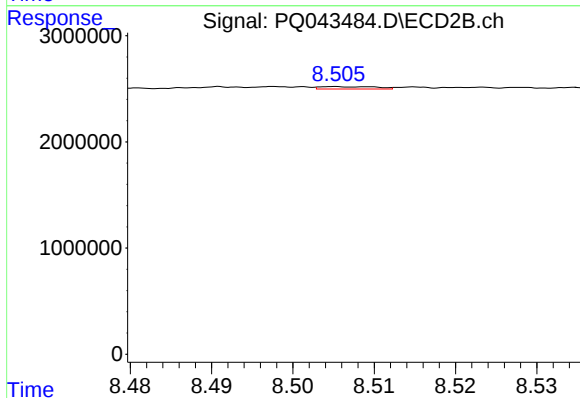
R.T.: 9.099 min
Delta R.T.: 0.031 min
Response: 44013
Conc: 0.23 ng/ml



#36 AR-1262-1

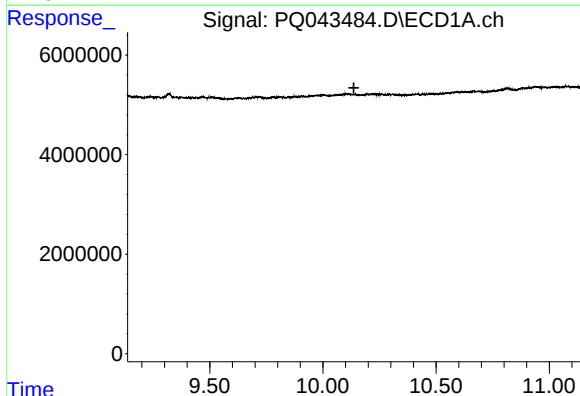
R.T.: 0.000 min
Exp R.T. : 9.549 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



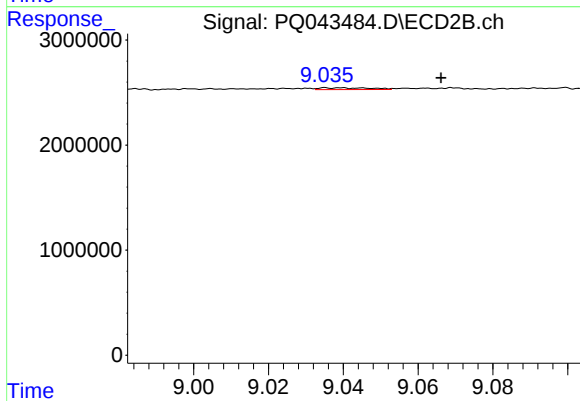
#36 AR-1262-1

R.T.: 8.505 min
Delta R.T.: -0.037 min
Response: 108989
Conc: 1.10 ng/ml



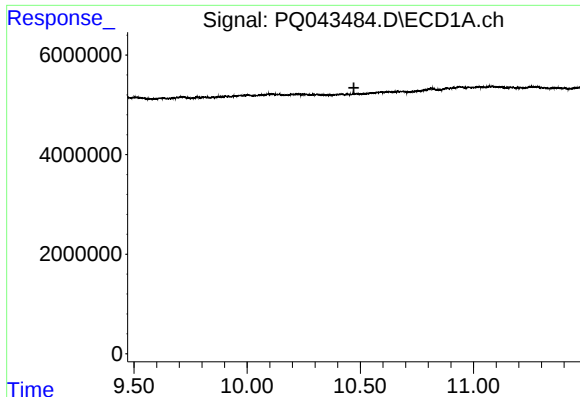
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 10.137 min
Response: 0
Conc: N.D.



#37 AR-1262-2

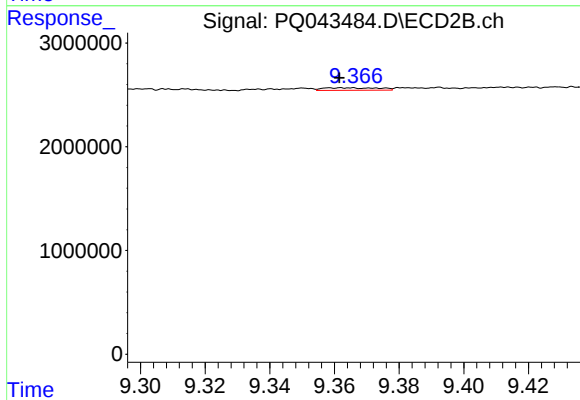
R.T.: 9.035 min
Delta R.T.: -0.031 min
Response: 157250
Conc: 0.70 ng/ml



#38 AR-1262-3

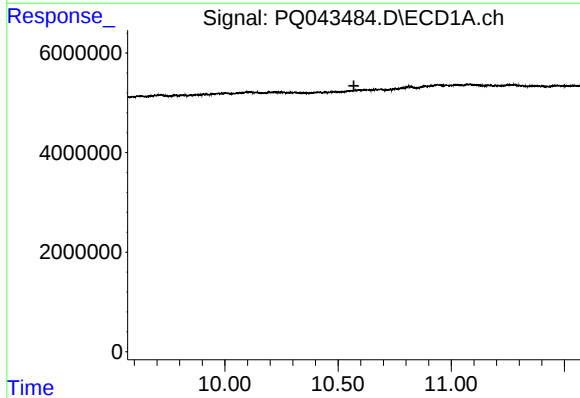
R.T.: 0.000 min
Exp R.T. : 10.472 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



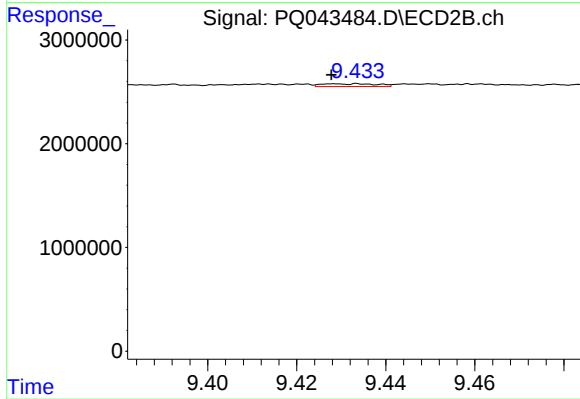
#38 AR-1262-3

R.T.: 9.362 min
Delta R.T.: 0.000 min
Response: 290634
Conc: 2.53 ng/ml



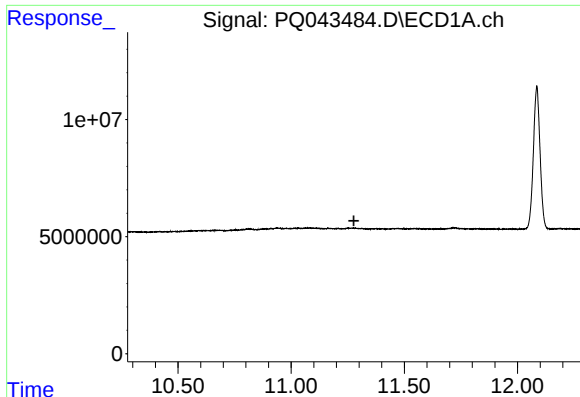
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 10.570 min
Response: 0
Conc: N.D.



#39 AR-1262-4

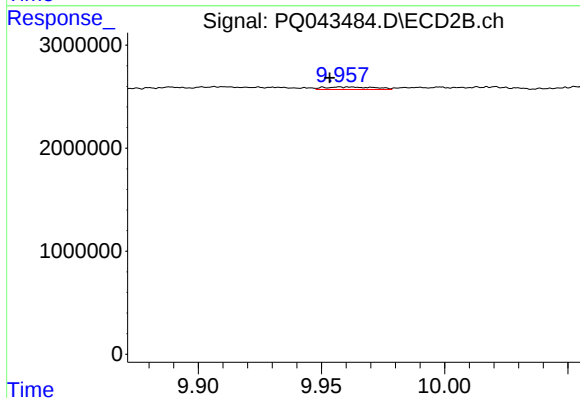
R.T.: 9.434 min
Delta R.T.: 0.006 min
Response: 233800
Conc: 1.04 ng/ml



#40 AR-1262-5

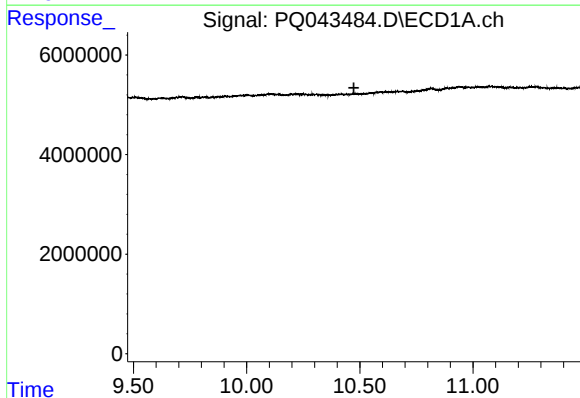
R.T.: 0.000 min
Exp R.T. : 11.277 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



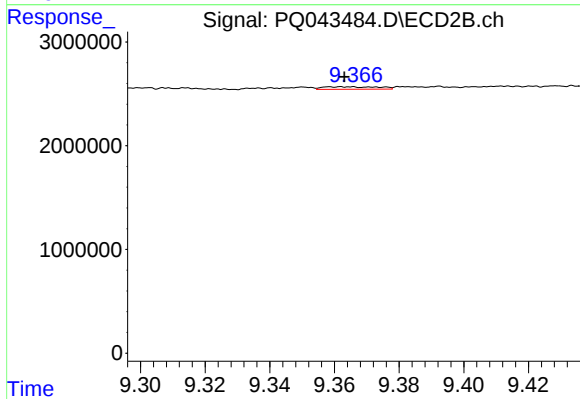
#40 AR-1262-5

R.T.: 9.958 min
Delta R.T.: 0.004 min
Response: 344271
Conc: 2.23 ng/ml



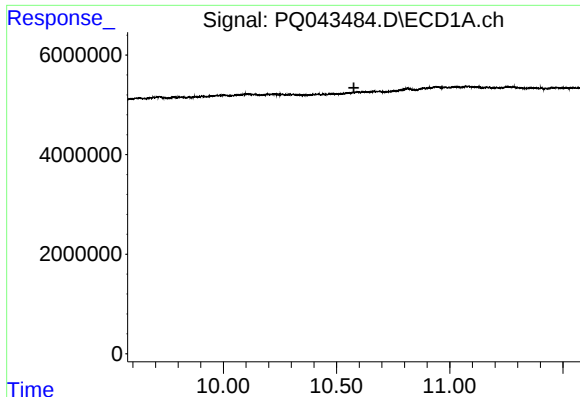
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 10.474 min
Response: 0
Conc: N.D.



#41 AR-1268-1

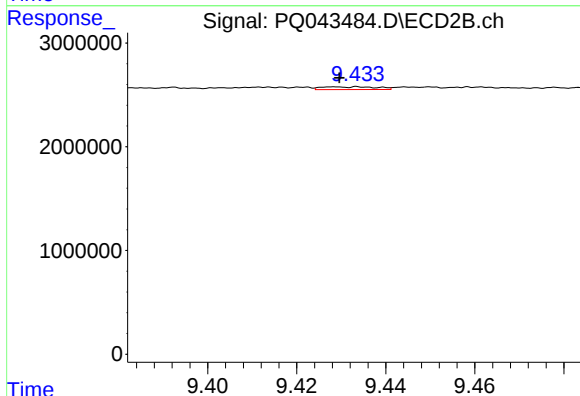
R.T.: 9.362 min
Delta R.T.: 0.000 min
Response: 290634
Conc: 0.89 ng/ml



#42 AR-1268-2

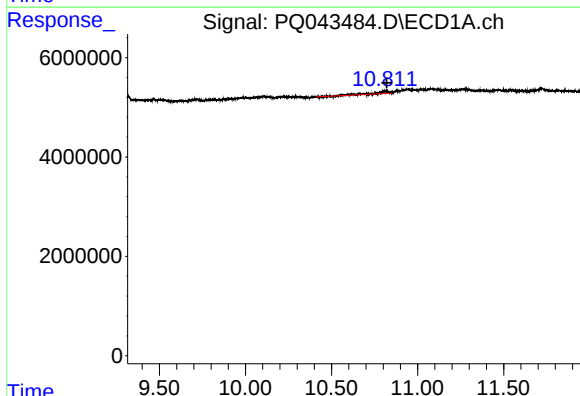
R.T.: 0.000 min
Exp R.T.: 10.577 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



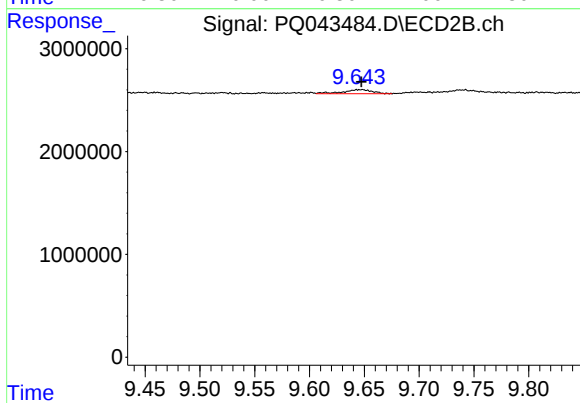
#42 AR-1268-2

R.T.: 9.434 min
Delta R.T.: 0.004 min
Response: 233800
Conc: 0.73 ng/ml



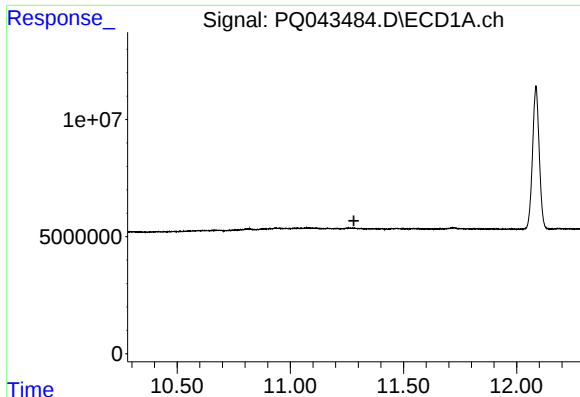
#43 AR-1268-3

R.T.: 10.813 min
Delta R.T.: -0.008 min
Response: 2542643
Conc: 4.80 ng/ml



#43 AR-1268-3

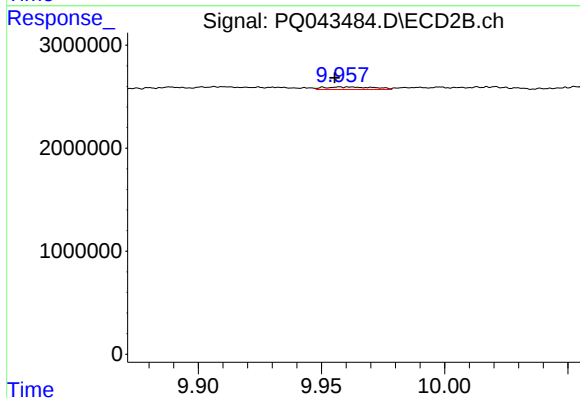
R.T.: 9.648 min
Delta R.T.: 0.000 min
Response: 734165
Conc: 2.59 ng/ml



#44 AR-1268-4

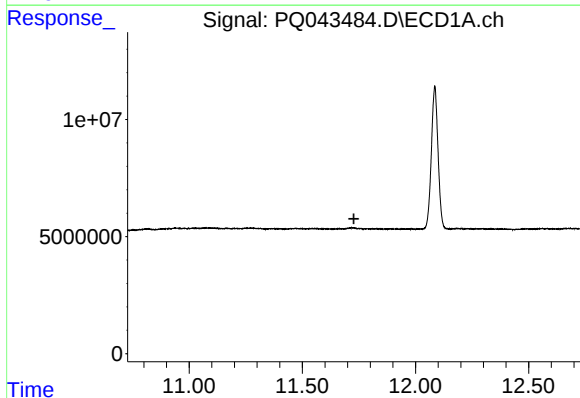
R.T.: 0.000 min
Exp R.T. : 11.281 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



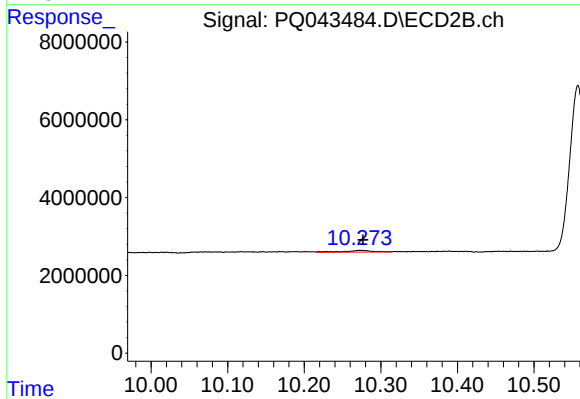
#44 AR-1268-4

R.T.: 9.958 min
Delta R.T.: 0.002 min
Response: 344271
Conc: 2.12 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 11.728 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.273 min
Delta R.T.: -0.003 min
Response: 1129057
Conc: 0.90 ng/ml