

Data Path : P:\HPCHEM1\ECD_Q\Data\PQ052118\
 Data File : PQ028973.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2018 10:42
 Operator : UA/SM
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 04:30:05 2018
 Quant Method : P:\HPCHEM1\ECD_Q\Method\PQ051018.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 11 08:47:35 2018
 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...	4.608	3.770	2233.8E6	253.3E6	27.030	28.333
2)	SA Decachlor...	10.346	8.714	1696.1E6	259.8E6	27.819	22.369
Target Compounds							
3)	L1 AR-1016-1	4.910	4.630	32159240	471703	24.306	1.932 #
4)	L1 AR-1016-2	0.000	5.027	0	47240	N.D.	0.172 #
5)	L1 AR-1016-3	0.000	5.080	0	2285496	N.D.	10.708 #
6)	L1 AR-1016-4	0.000	5.119	0	679325	N.D.	2.600 #
7)	L1 AR-1016-5	6.357	5.276	19046385	1770446	7.817	6.123
8)	L2 AR-1221-1	0.000	4.022	0	157760	N.D.	0.790 #
9)	L2 AR-1221-2	4.910	4.068	32159240	4360936	24.729	29.263
10)	L2 AR-1221-3	4.910	4.144	32159240	397354	7.680	0.865 #
11)	L3 AR-1232-1	4.910	4.144	32159240	397354	18.979	1.891 #
12)	L3 AR-1232-2	0.000	4.927	0	1533924	N.D.	8.269 #
13)	L3 AR-1232-3	0.000	5.027	0	47240	N.D.	0.341 #
14)	L3 AR-1232-4	0.000	5.276	0	1770446	N.D.	12.054 #
15)	L3 AR-1232-5	0.000	5.655	0	42974759	N.D.	263.195 #
16)	L4 AR-1242-1	0.000	4.630	0	471703	N.D.	2.427 #
17)	L4 AR-1242-2	0.000	4.845	0	1976176	N.D.	4.343 #
18)	L4 AR-1242-3	0.000	5.027	0	47240	N.D.	0.227 #
19)	L4 AR-1242-4	0.000	5.119	0	679325	N.D.	3.363 #
20)	L4 AR-1242-5	6.357	5.276	19046385	1770446	9.809	7.821
21)	L5 AR-1248-1	0.000	5.080	0	2285496	N.D.	7.742 #
22)	L5 AR-1248-2	6.357	5.119	19046385	679325	6.833	2.206 #
23)	L5 AR-1248-3	6.601	5.276	490.7E6	1770446	122.495	4.536 #
24)	L5 AR-1248-4	6.601	5.655	490.7E6	42974759	133.811	76.531 #
25)	L5 AR-1248-5	0.000	5.655	0	42974759	N.D.	104.098 #
26)	L6 AR-1254-1	6.601	5.655	490.7E6	42974759	141.781	80.134 #
27)	L6 AR-1254-2	0.000	5.774	0	4191983	N.D.	9.142 #
28)	L6 AR-1254-3	7.179	6.172	1041.7E6	6896169	175.036	8.703 #
29)	L6 AR-1254-4	7.482	6.371	-27854007	4446406	N.D.	8.163 #
30)	L6 AR-1254-5	0.000	6.637	0	4511388	N.D.	13.037 #
31)	L7 AR-1260-1	0.000	6.299	0	13044827	N.D.	21.152 #
32)	L7 AR-1260-2	0.000	6.637	0	4511388	N.D.	6.370 #
33)	L7 AR-1260-3	0.000	7.098	0	7303540	N.D.	12.321 #
34)	L7 AR-1260-4	0.000	7.339	0	4193210	N.D.	2.867 #
35)	L7 AR-1260-5	0.000	7.658	0	926.7E6	N.D.	882.068 #
36)	L8 AR-1262-1	0.000	6.299	0	13044827	N.D.	26.051 #
37)	L8 AR-1262-2	0.000	6.479	0	147.4E6	N.D.	231.085 #
38)	L8 AR-1262-3	0.000	6.841	0	3222948	N.D.	3.556 #
39)	L8 AR-1262-4	0.000	7.098	0	7303540	N.D.	9.184 #
40)	L8 AR-1262-5	0.000	7.339	0	4193210	N.D.	2.497 #
41)	L9 AR-1268-1	0.000	7.658	0	926.7E6	N.D.	510.686 #

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 Acq On : 20 May 2018 10:42
 Operator : UA/SM
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

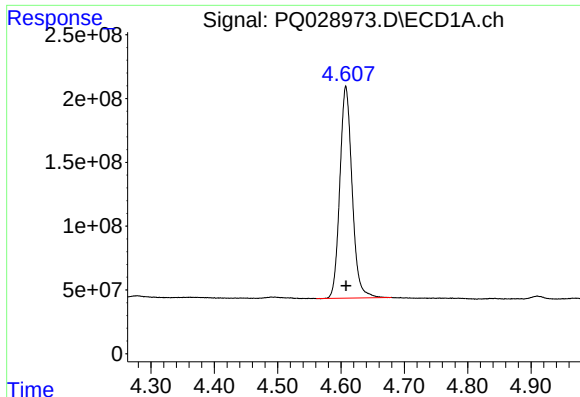
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 04:30:05 2018
 Quant Method : P:\HPCHEM1\ECD_Q\Method\PQ051018.M
 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
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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	0.000	7.658	0	926.7E6	N.D.	522.814 #
44) L9	AR-1268-4	0.000	8.175	0	1952330	N.D.	3.103 #
45) L9	AR-1268-5	0.000	8.463	0	4333227	N.D.	0.985 #

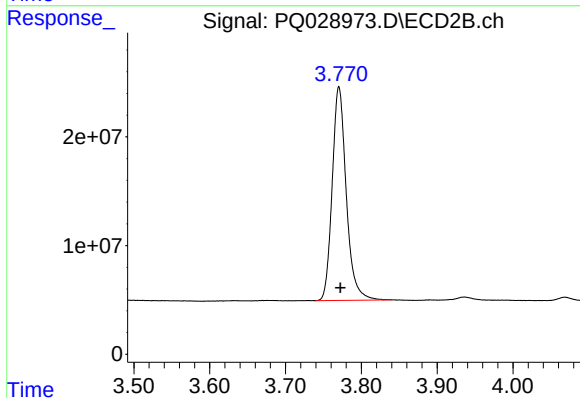
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

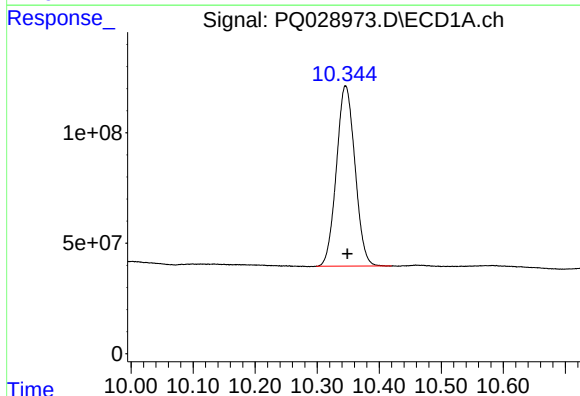
R.T.: 4.608 min
Delta R.T.: 0.000 min
Response: 2233785011
Conc: 27.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



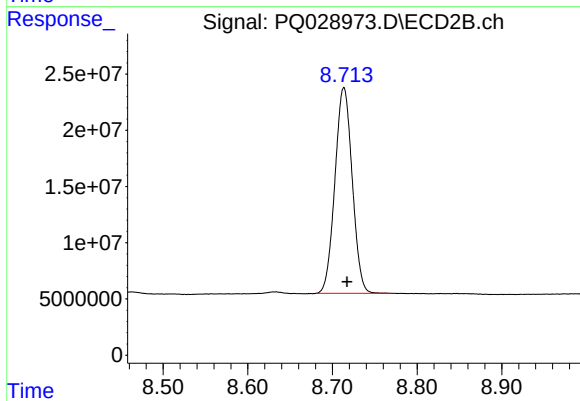
#1 Tetrachloro-m-xylene

R.T.: 3.770 min
Delta R.T.: -0.002 min
Response: 253346672
Conc: 28.33 ng/ml



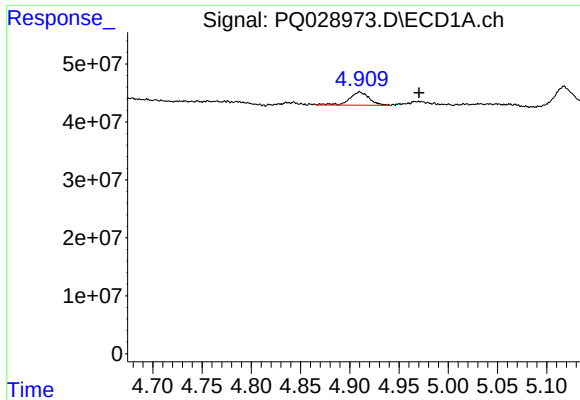
#2 Decachlorobiphenyl

R.T.: 10.346 min
Delta R.T.: -0.003 min
Response: 1696076019
Conc: 27.82 ng/ml



#2 Decachlorobiphenyl

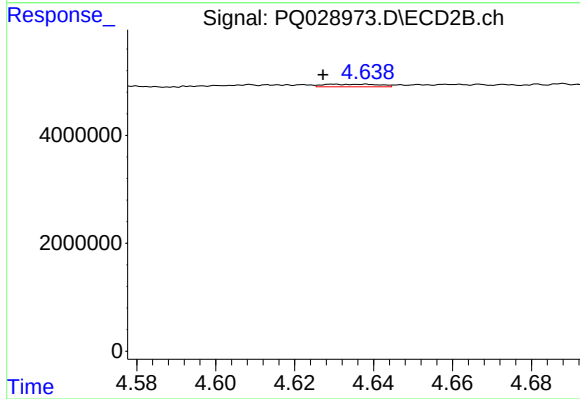
R.T.: 8.714 min
Delta R.T.: -0.004 min
Response: 259772034
Conc: 22.37 ng/ml



#3 AR-1016-1

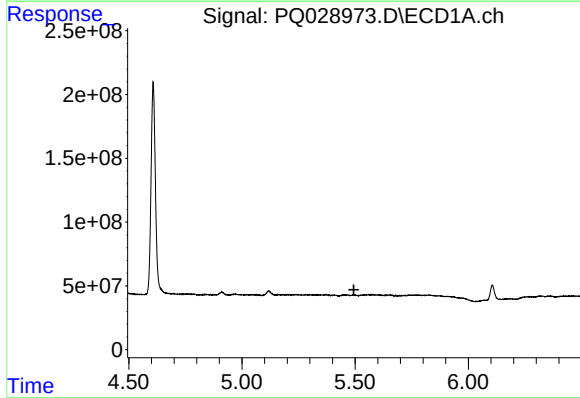
R.T.: 4.910 min
Delta R.T.: -0.060 min
Response: 32159240
Conc: 24.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



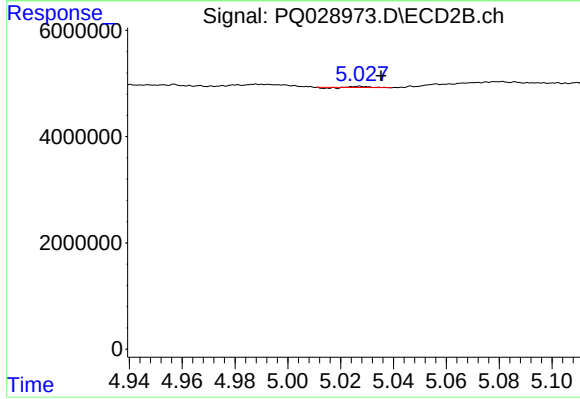
#3 AR-1016-1

R.T.: 4.630 min
Delta R.T.: 0.003 min
Response: 471703
Conc: 1.93 ng/ml



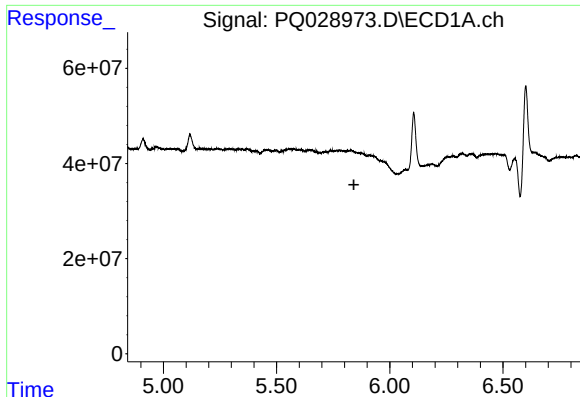
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.494 min
Response: 0
Conc: N.D.



#4 AR-1016-2

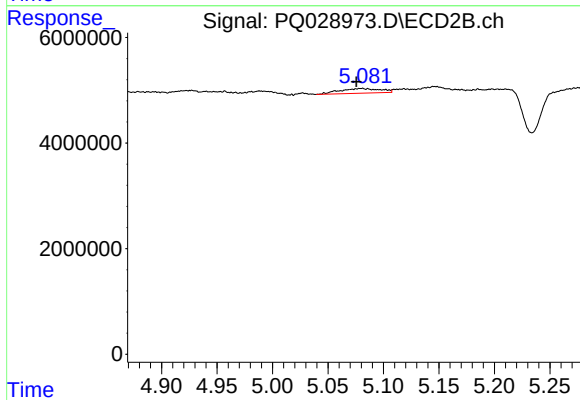
R.T.: 5.027 min
Delta R.T.: -0.008 min
Response: 47240
Conc: 0.17 ng/ml



#5 AR-1016-3

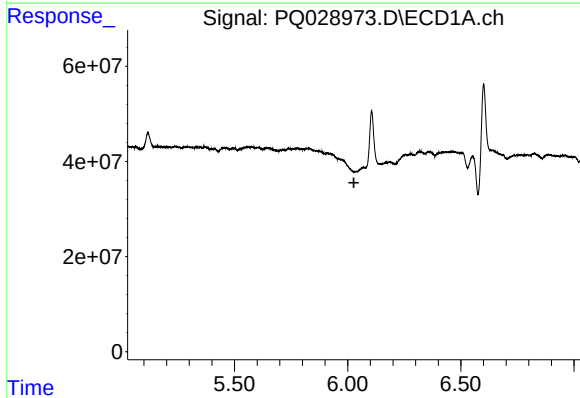
R.T.: 0.000 min
Exp R.T.: 5.841 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



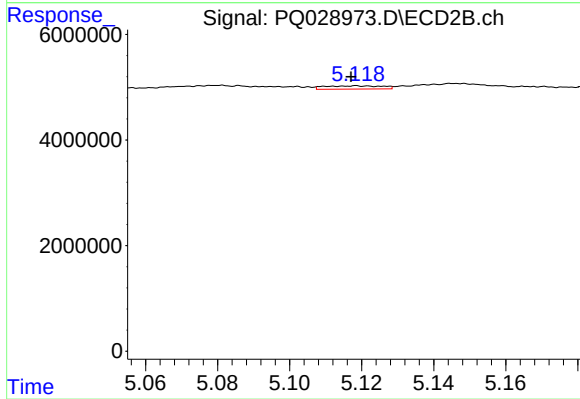
#5 AR-1016-3

R.T.: 5.080 min
Delta R.T.: 0.005 min
Response: 2285496
Conc: 10.71 ng/ml



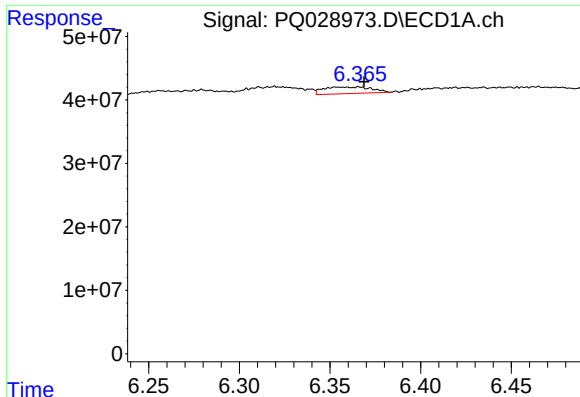
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.027 min
Response: 0
Conc: N.D.



#6 AR-1016-4

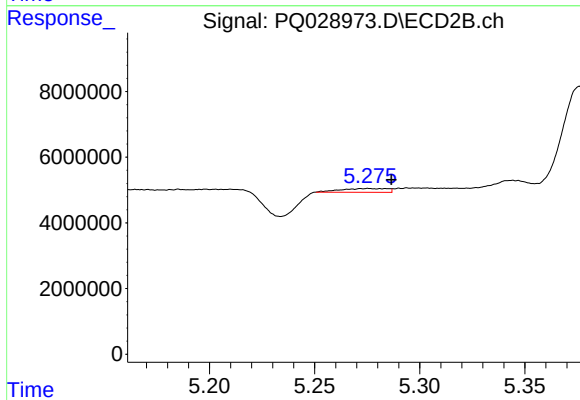
R.T.: 5.119 min
Delta R.T.: 0.002 min
Response: 679325
Conc: 2.60 ng/ml



#7 AR-1016-5

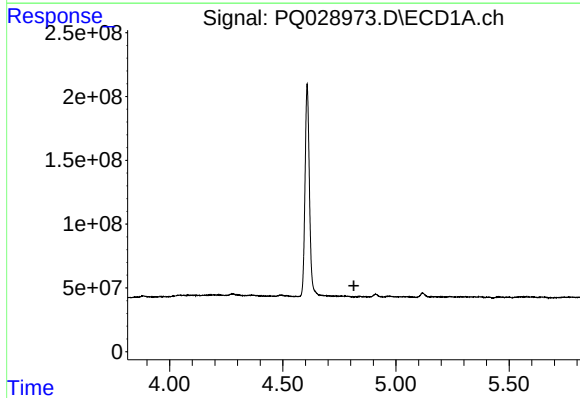
R.T.: 6.357 min
Delta R.T.: -0.012 min
Response: 19046385
Conc: 7.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



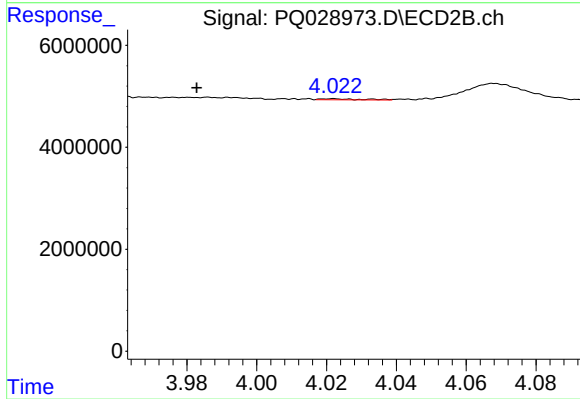
#7 AR-1016-5

R.T.: 5.276 min
Delta R.T.: -0.011 min
Response: 1770446
Conc: 6.12 ng/ml



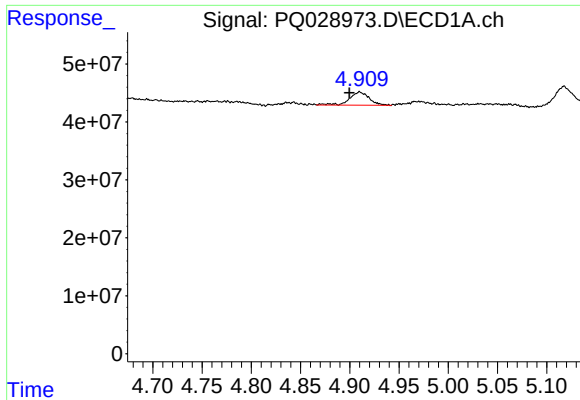
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.814 min
Response: 0
Conc: N.D.



#8 AR-1221-1

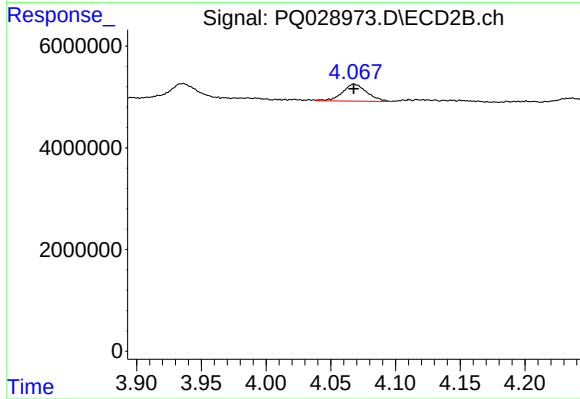
R.T.: 4.022 min
Delta R.T.: 0.039 min
Response: 157760
Conc: 0.79 ng/ml



#9 AR-1221-2

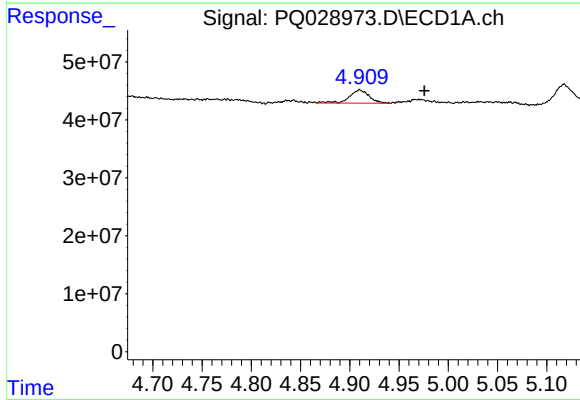
R.T.: 4.910 min
Delta R.T.: 0.010 min
Response: 32159240
Conc: 24.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



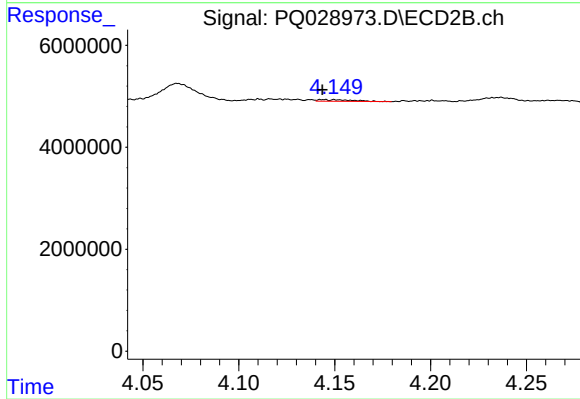
#9 AR-1221-2

R.T.: 4.068 min
Delta R.T.: 0.000 min
Response: 4360936
Conc: 29.26 ng/ml



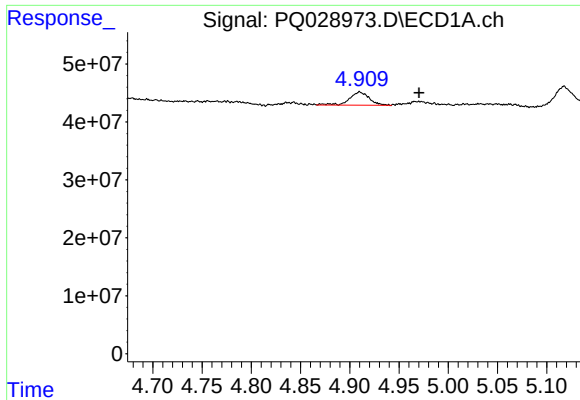
#10 AR-1221-3

R.T.: 4.910 min
Delta R.T.: -0.065 min
Response: 32159240
Conc: 7.68 ng/ml



#10 AR-1221-3

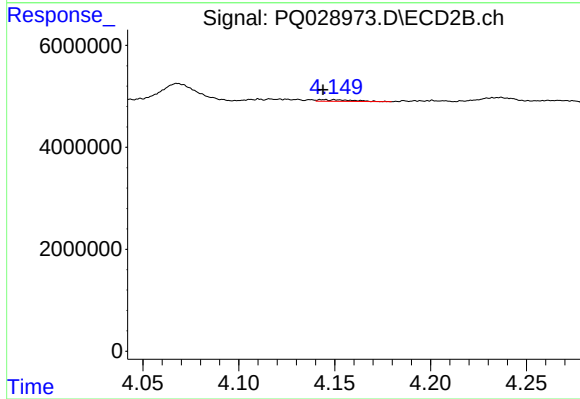
R.T.: 4.144 min
Delta R.T.: 0.000 min
Response: 397354
Conc: 0.87 ng/ml



#11 AR-1232-1

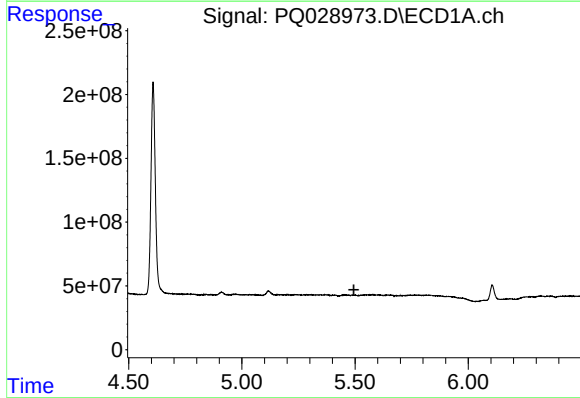
R.T.: 4.910 min
Delta R.T.: -0.060 min
Response: 32159240
Conc: 18.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



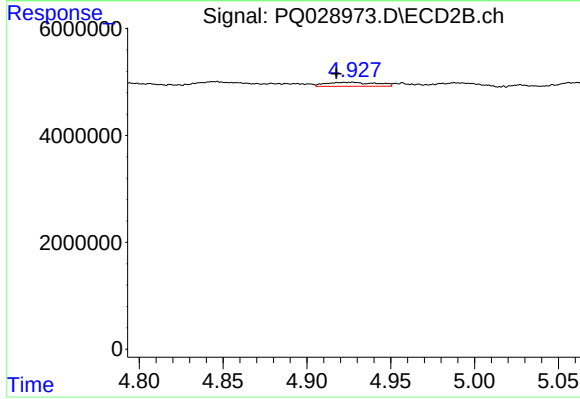
#11 AR-1232-1

R.T.: 4.144 min
Delta R.T.: 0.000 min
Response: 397354
Conc: 1.89 ng/ml



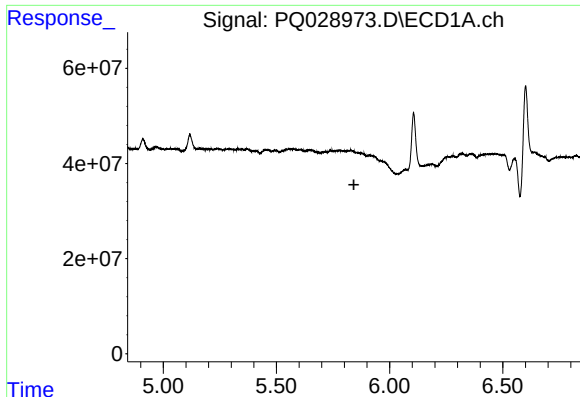
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.495 min
Response: 0
Conc: N.D.



#12 AR-1232-2

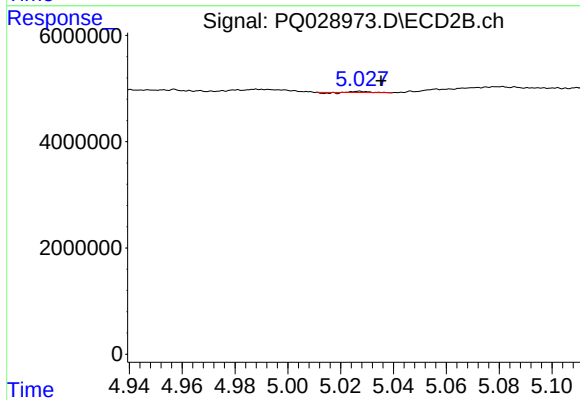
R.T.: 4.927 min
Delta R.T.: 0.010 min
Response: 1533924
Conc: 8.27 ng/ml



#13 AR-1232-3

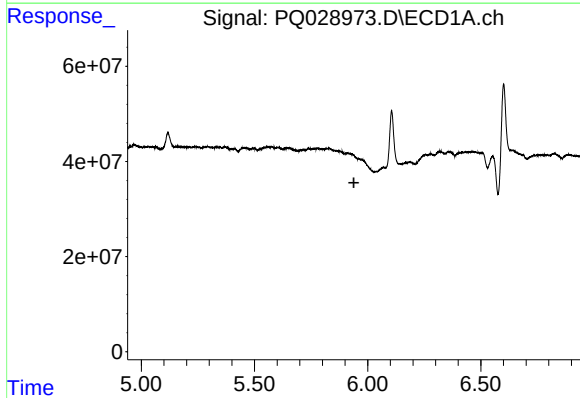
R.T.: 0.000 min
Exp R.T.: 5.842 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



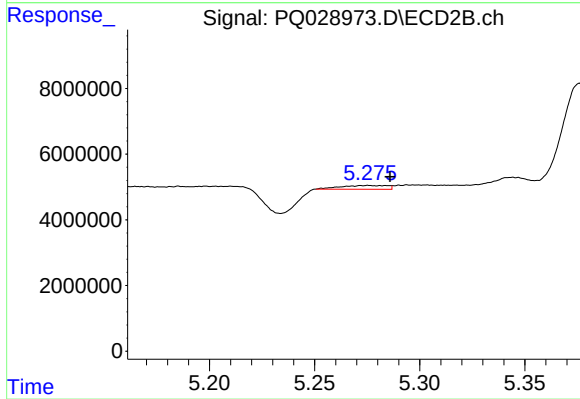
#13 AR-1232-3

R.T.: 5.027 min
Delta R.T.: -0.008 min
Response: 47240
Conc: 0.34 ng/ml



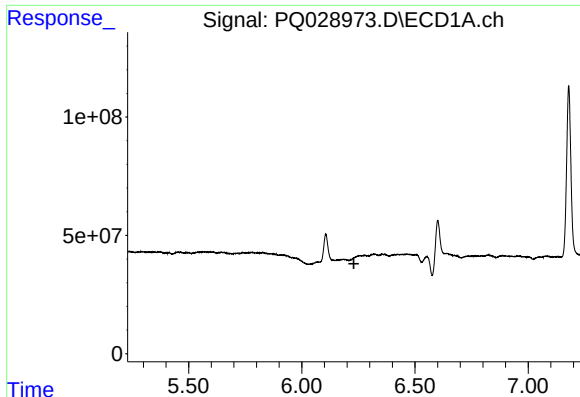
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.939 min
Response: 0
Conc: N.D.



#14 AR-1232-4

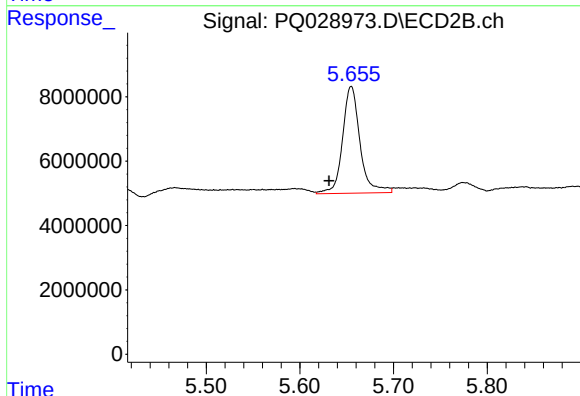
R.T.: 5.276 min
Delta R.T.: -0.010 min
Response: 1770446
Conc: 12.05 ng/ml



#15 AR-1232-5

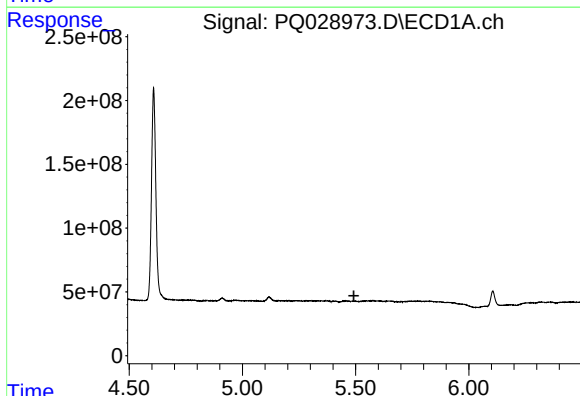
R.T.: 0.000 min
Exp R.T.: 6.230 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



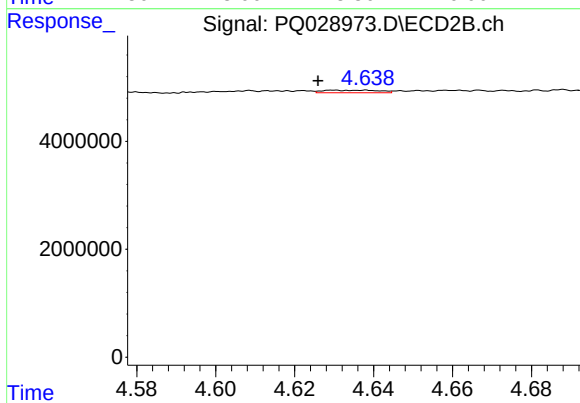
#15 AR-1232-5

R.T.: 5.655 min
Delta R.T.: 0.024 min
Response: 42974759
Conc: 263.19 ng/ml



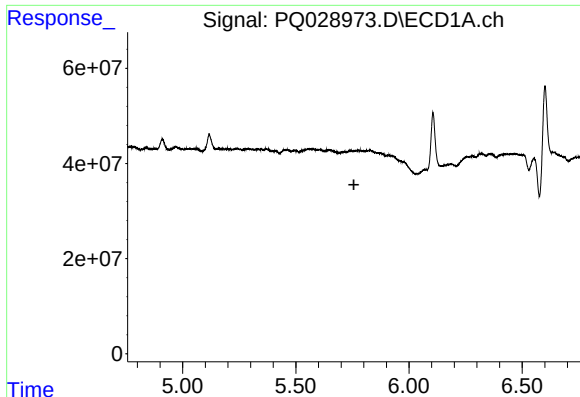
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 5.492 min
Response: 0
Conc: N.D.



#16 AR-1242-1

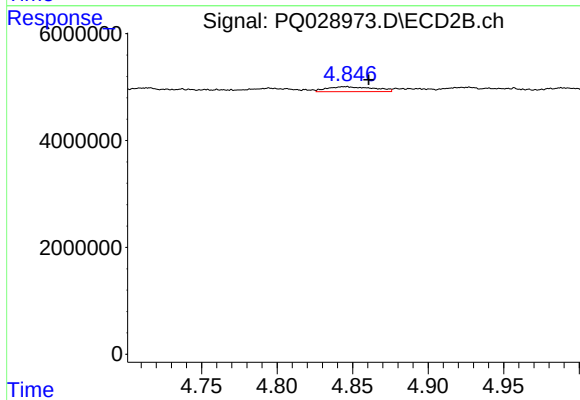
R.T.: 4.630 min
Delta R.T.: 0.004 min
Response: 471703
Conc: 2.43 ng/ml



#17 AR-1242-2

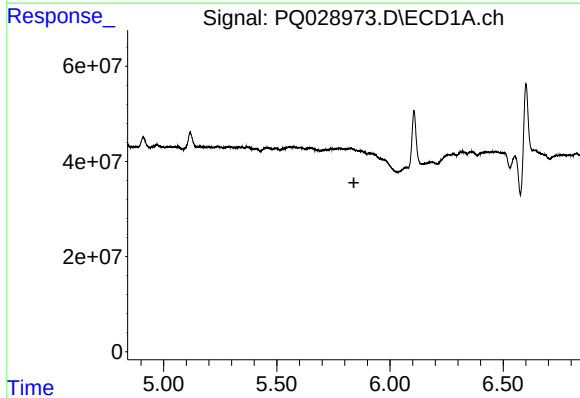
R.T.: 0.000 min
Exp R.T.: 5.757 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



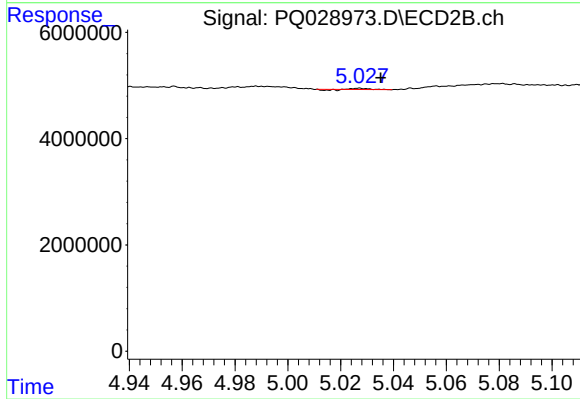
#17 AR-1242-2

R.T.: 4.845 min
Delta R.T.: -0.015 min
Response: 1976176
Conc: 4.34 ng/ml



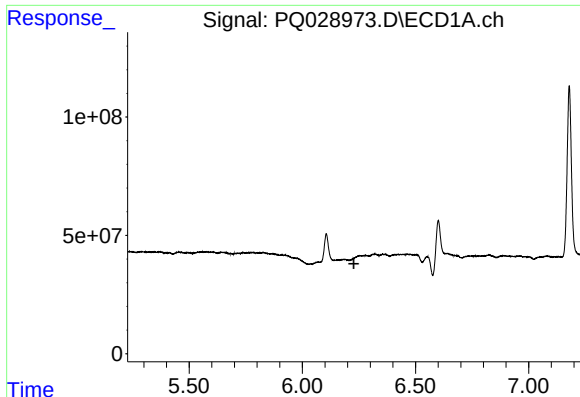
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.840 min
Response: 0
Conc: N.D.



#18 AR-1242-3

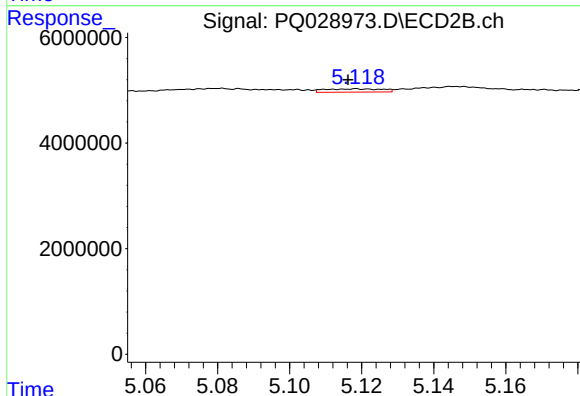
R.T.: 5.027 min
Delta R.T.: -0.008 min
Response: 47240
Conc: 0.23 ng/ml



#19 AR-1242-4

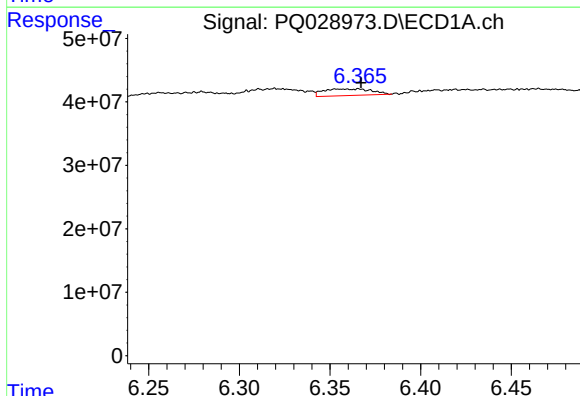
R.T.: 0.000 min
Exp R.T.: 6.228 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



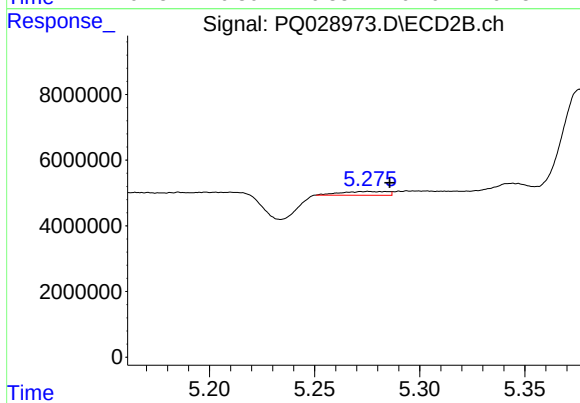
#19 AR-1242-4

R.T.: 5.119 min
Delta R.T.: 0.003 min
Response: 679325
Conc: 3.36 ng/ml



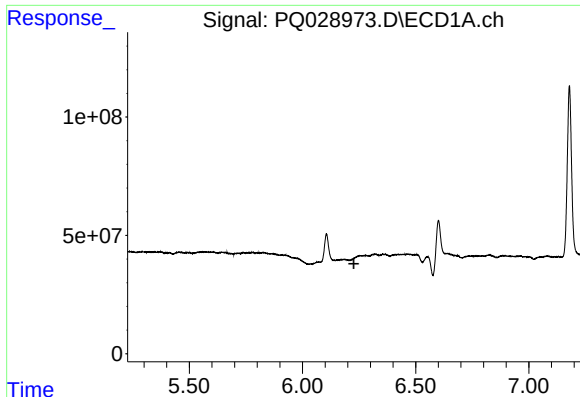
#20 AR-1242-5

R.T.: 6.357 min
Delta R.T.: -0.010 min
Response: 19046385
Conc: 9.81 ng/ml



#20 AR-1242-5

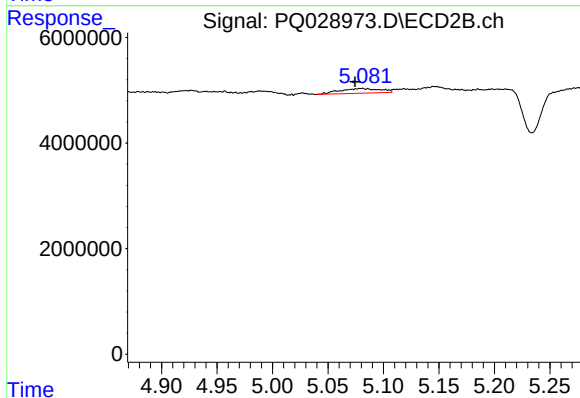
R.T.: 5.276 min
Delta R.T.: -0.010 min
Response: 1770446
Conc: 7.82 ng/ml



#21 AR-1248-1

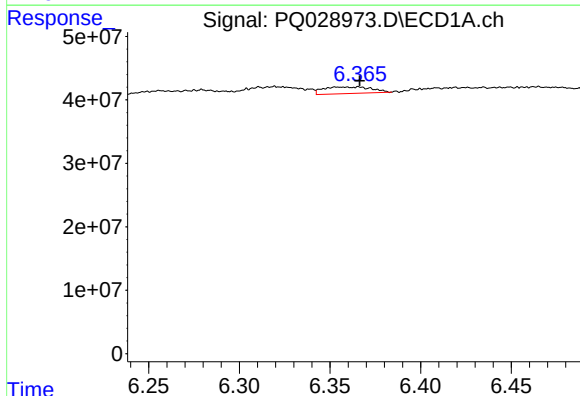
R.T.: 0.000 min
Exp R.T.: 6.227 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



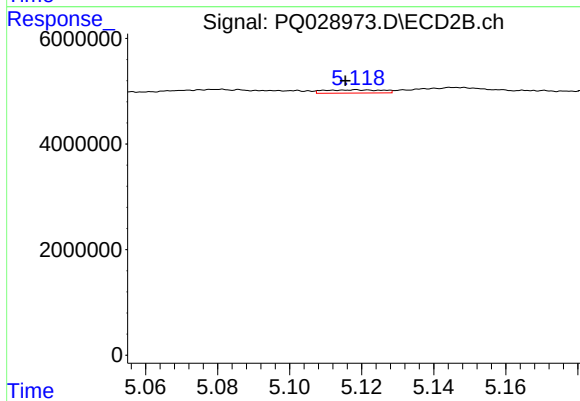
#21 AR-1248-1

R.T.: 5.080 min
Delta R.T.: 0.006 min
Response: 2285496
Conc: 7.74 ng/ml



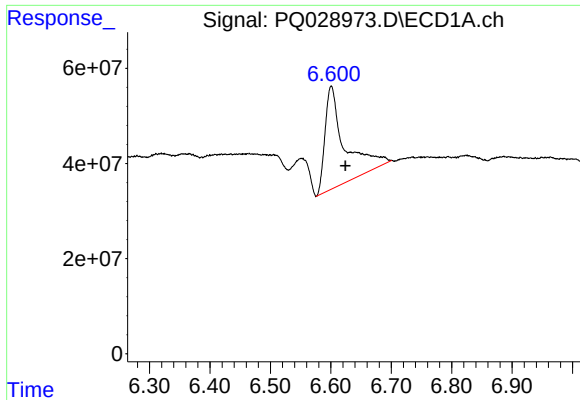
#22 AR-1248-2

R.T.: 6.357 min
Delta R.T.: -0.010 min
Response: 19046385
Conc: 6.83 ng/ml



#22 AR-1248-2

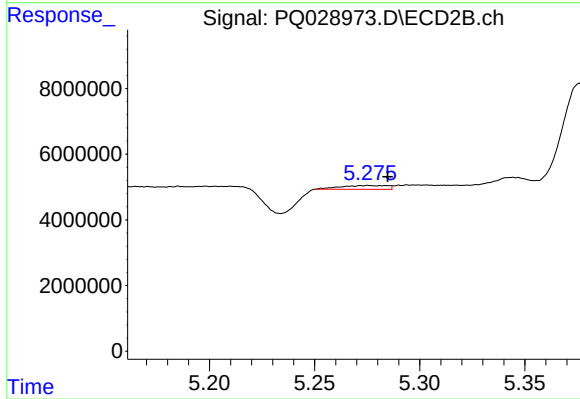
R.T.: 5.119 min
Delta R.T.: 0.003 min
Response: 679325
Conc: 2.21 ng/ml



#23 AR-1248-3

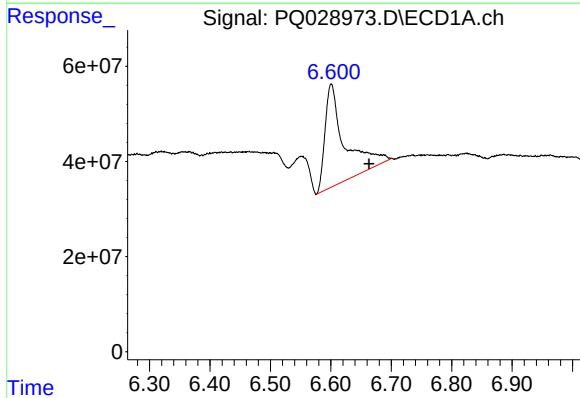
R.T.: 6.601 min
Delta R.T.: -0.024 min
Response: 490668351
Conc: 122.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



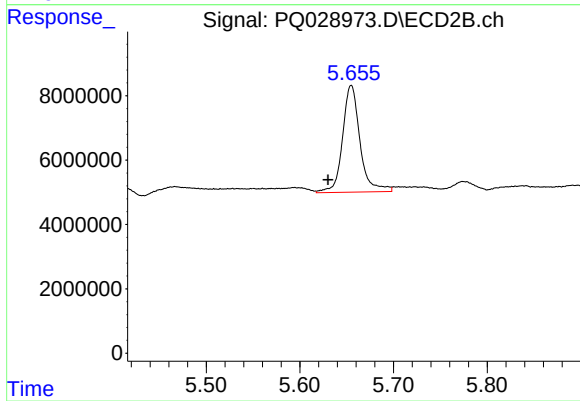
#23 AR-1248-3

R.T.: 5.276 min
Delta R.T.: -0.009 min
Response: 1770446
Conc: 4.54 ng/ml



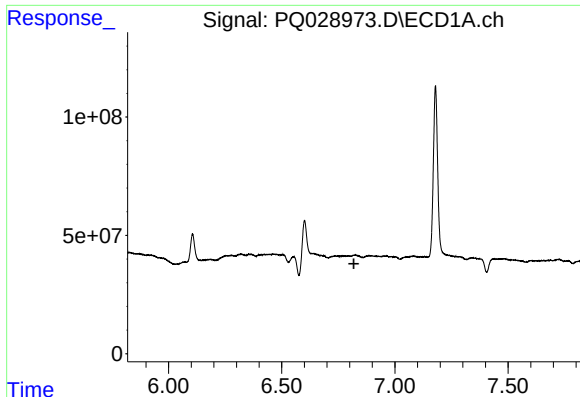
#24 AR-1248-4

R.T.: 6.601 min
Delta R.T.: -0.062 min
Response: 490668351
Conc: 133.81 ng/ml



#24 AR-1248-4

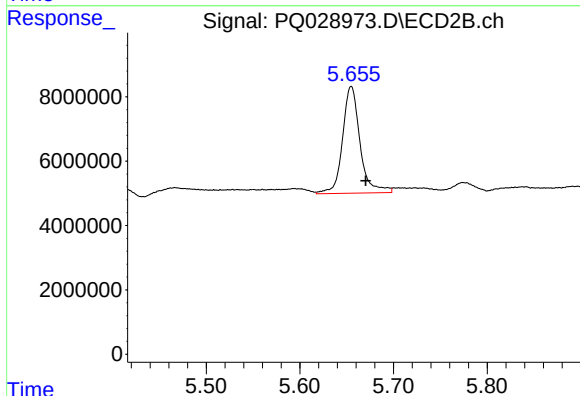
R.T.: 5.655 min
Delta R.T.: 0.025 min
Response: 42974759
Conc: 76.53 ng/ml



#25 AR-1248-5

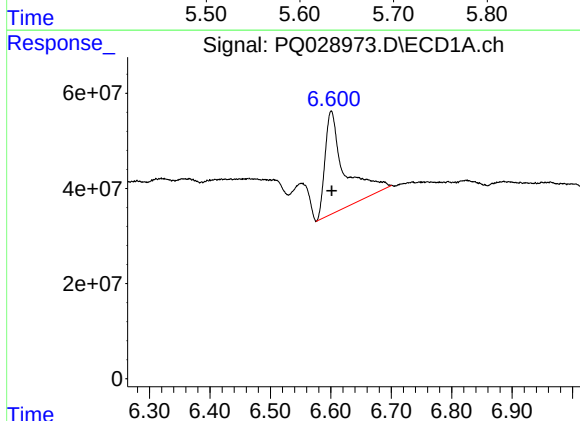
R.T.: 0.000 min
Exp R.T.: 6.819 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



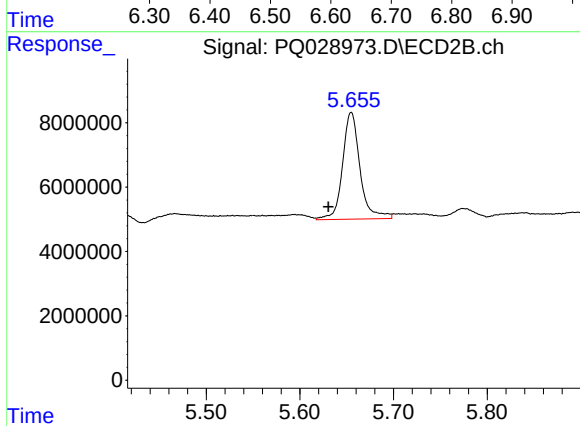
#25 AR-1248-5

R.T.: 5.655 min
Delta R.T.: -0.016 min
Response: 42974759
Conc: 104.10 ng/ml



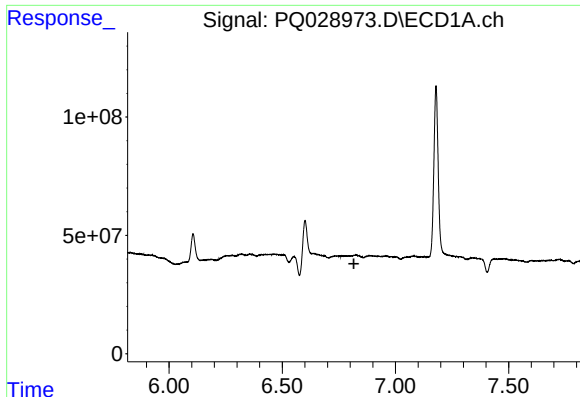
#26 AR-1254-1

R.T.: 6.601 min
Delta R.T.: 0.000 min
Response: 490668351
Conc: 141.78 ng/ml



#26 AR-1254-1

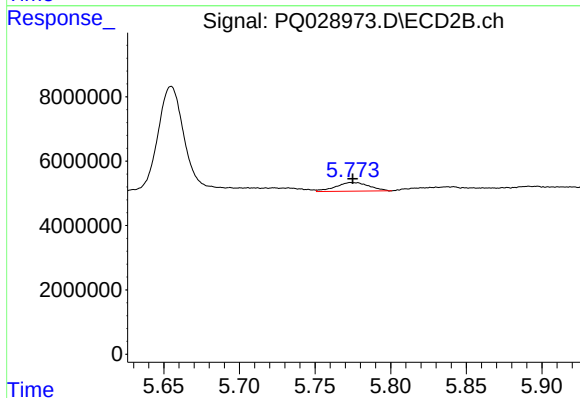
R.T.: 5.655 min
Delta R.T.: 0.024 min
Response: 42974759
Conc: 80.13 ng/ml



#27 AR-1254-2

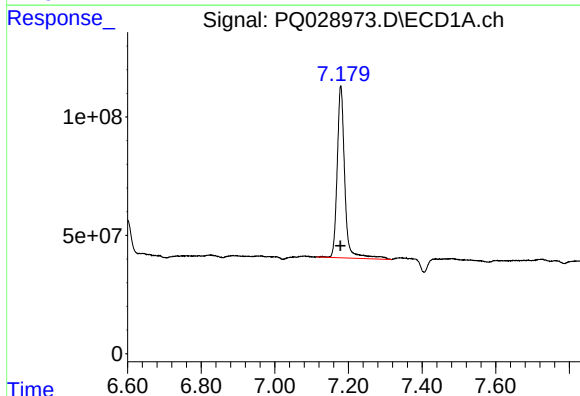
R.T.: 0.000 min
Exp R.T.: 6.817 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



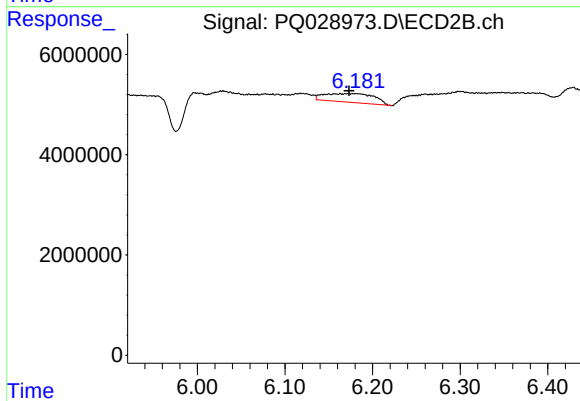
#27 AR-1254-2

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 4191983
Conc: 9.14 ng/ml



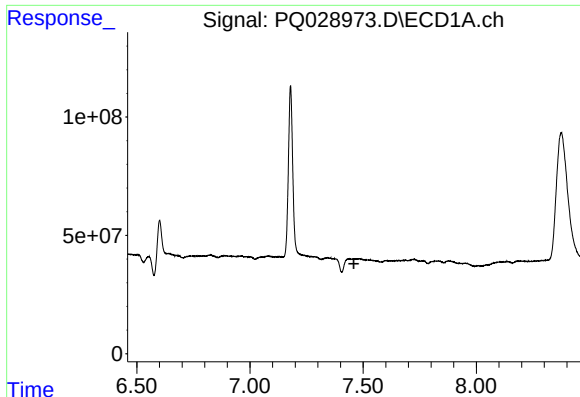
#28 AR-1254-3

R.T.: 7.179 min
Delta R.T.: 0.000 min
Response: 1041740481
Conc: 175.04 ng/ml



#28 AR-1254-3

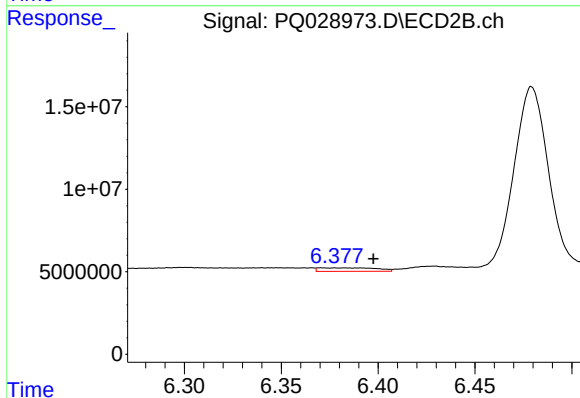
R.T.: 6.172 min
Delta R.T.: -0.001 min
Response: 6896169
Conc: 8.70 ng/ml



#29 AR-1254-4

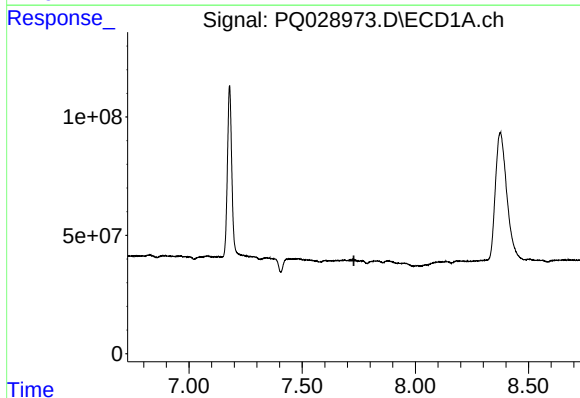
R.T.: 7.482 min
Delta R.T.: 0.022 min
Response: -27854007
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



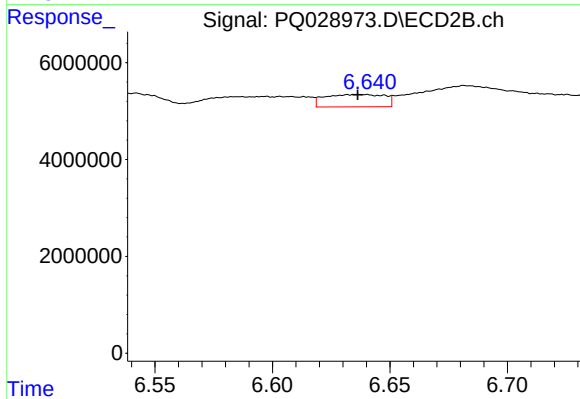
#29 AR-1254-4

R.T.: 6.371 min
Delta R.T.: -0.027 min
Response: 4446406
Conc: 8.16 ng/ml



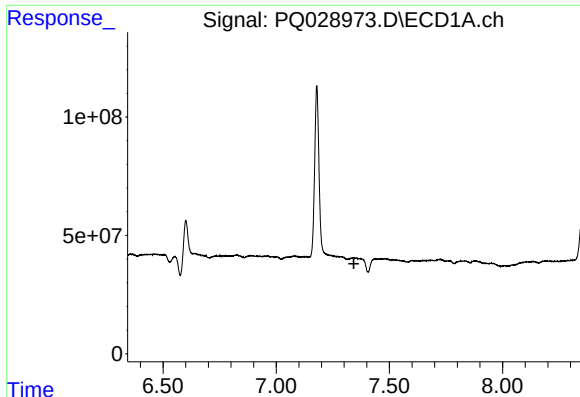
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.729 min
Response: 0
Conc: N.D.



#30 AR-1254-5

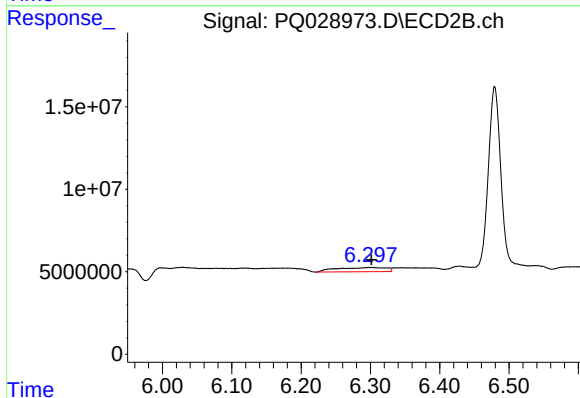
R.T.: 6.637 min
Delta R.T.: 0.000 min
Response: 4511388
Conc: 13.04 ng/ml



#31 AR-1260-1

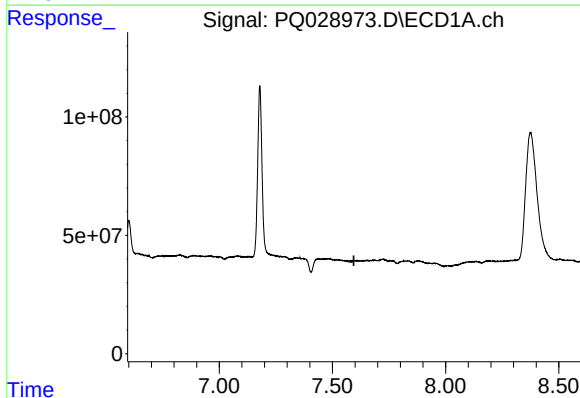
R.T.: 0.000 min
Exp R.T.: 7.343 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



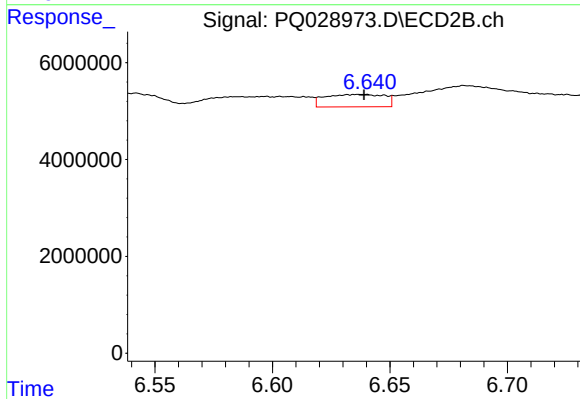
#31 AR-1260-1

R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 13044827
Conc: 21.15 ng/ml



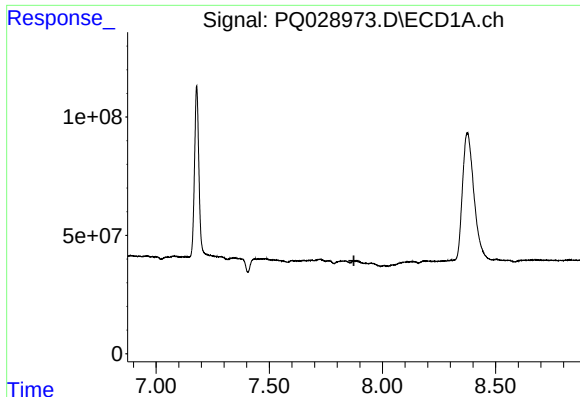
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 7.595 min
Response: 0
Conc: N.D.



#32 AR-1260-2

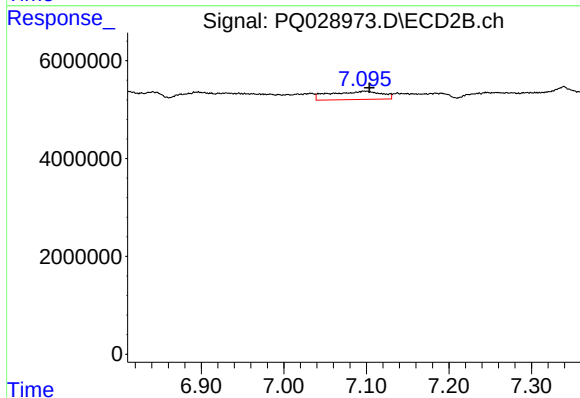
R.T.: 6.637 min
Delta R.T.: -0.002 min
Response: 4511388
Conc: 6.37 ng/ml



#33 AR-1260-3

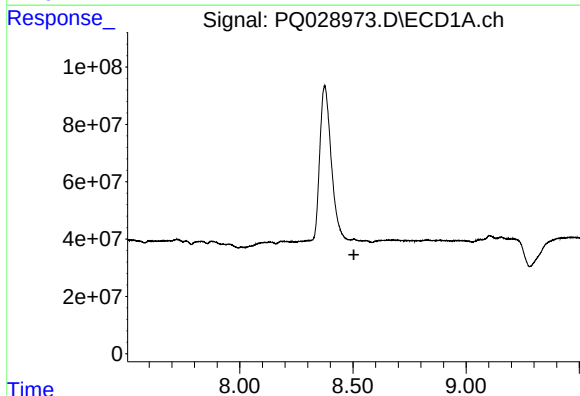
R.T.: 0.000 min
Exp R.T.: 7.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



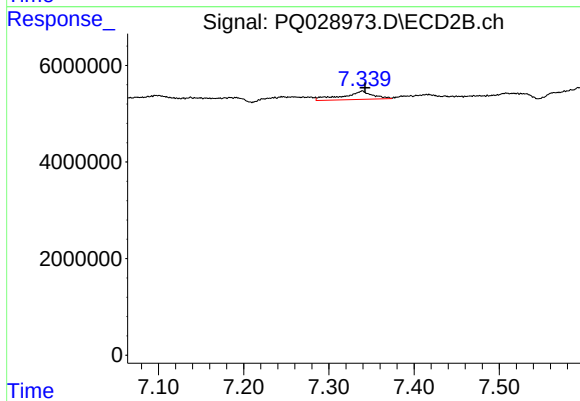
#33 AR-1260-3

R.T.: 7.098 min
Delta R.T.: -0.006 min
Response: 7303540
Conc: 12.32 ng/ml



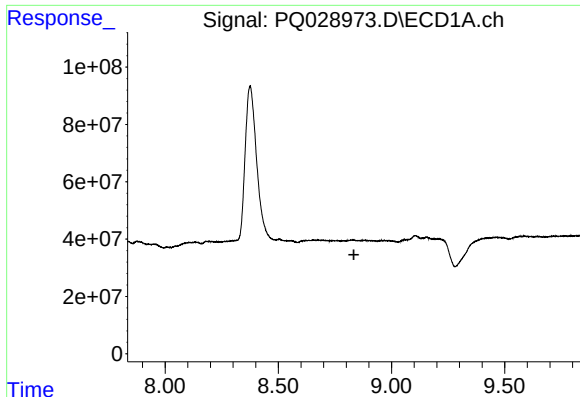
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 8.504 min
Response: 0
Conc: N.D.



#34 AR-1260-4

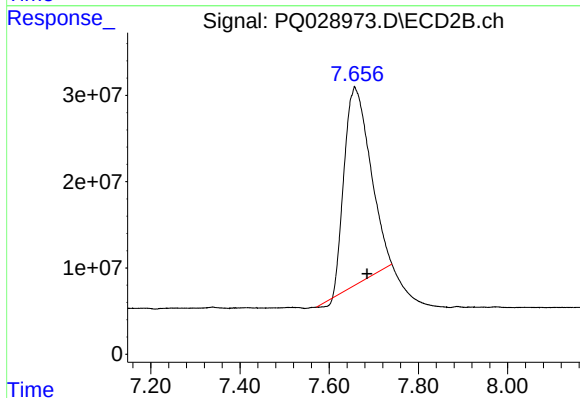
R.T.: 7.339 min
Delta R.T.: -0.004 min
Response: 4193210
Conc: 2.87 ng/ml



#35 AR-1260-5

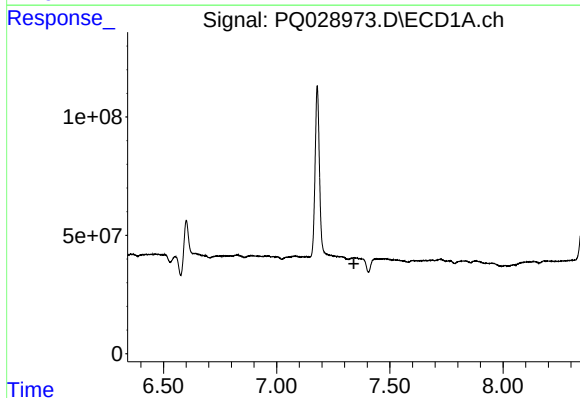
R.T.: 0.000 min
Exp R.T.: 8.834 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



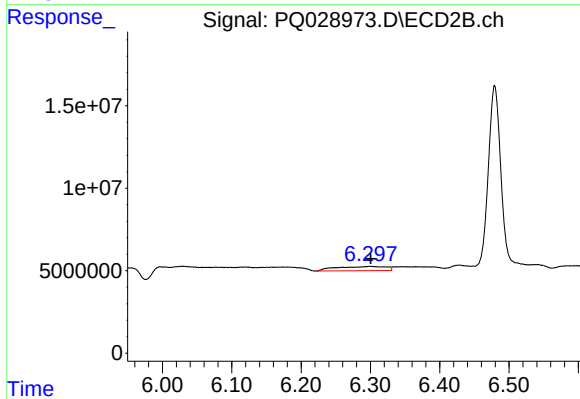
#35 AR-1260-5

R.T.: 7.658 min
Delta R.T.: -0.027 min
Response: 926674517
Conc: 882.07 ng/ml



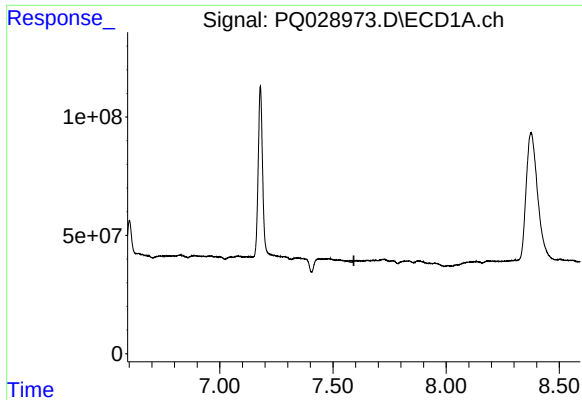
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 7.341 min
Response: 0
Conc: N.D.



#36 AR-1262-1

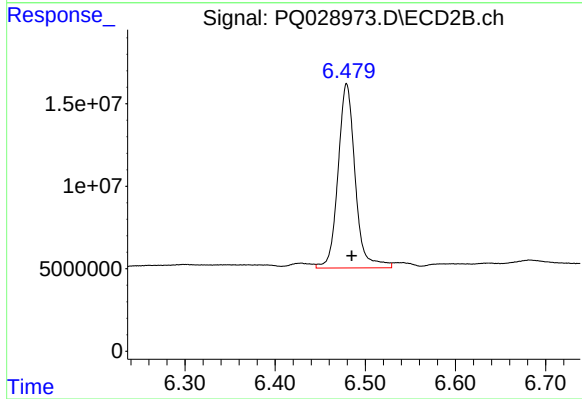
R.T.: 6.299 min
Delta R.T.: -0.001 min
Response: 13044827
Conc: 26.05 ng/ml



#37 AR-1262-2

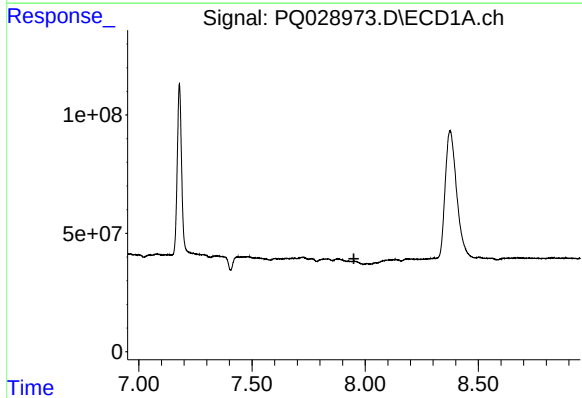
R.T.: 0.000 min
Exp R.T.: 7.592 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



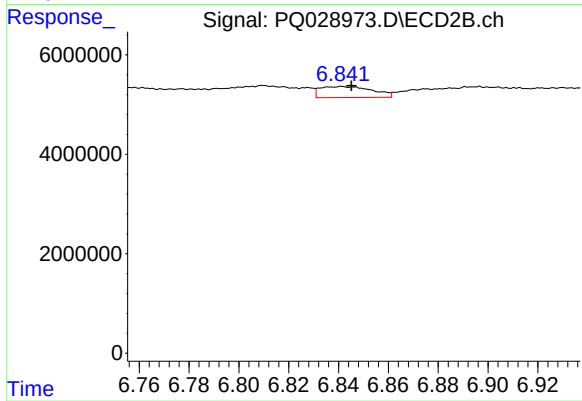
#37 AR-1262-2

R.T.: 6.479 min
Delta R.T.: -0.006 min
Response: 147445021
Conc: 231.09 ng/ml



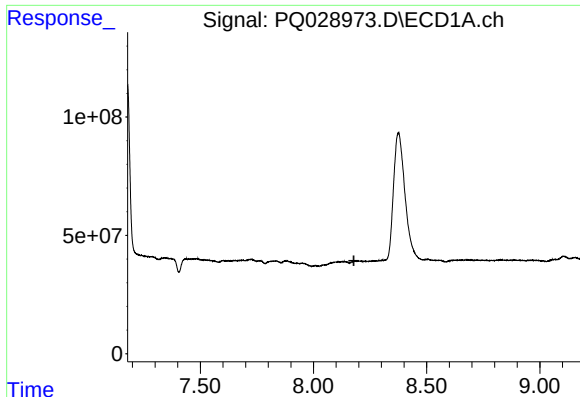
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 7.950 min
Response: 0
Conc: N.D.



#38 AR-1262-3

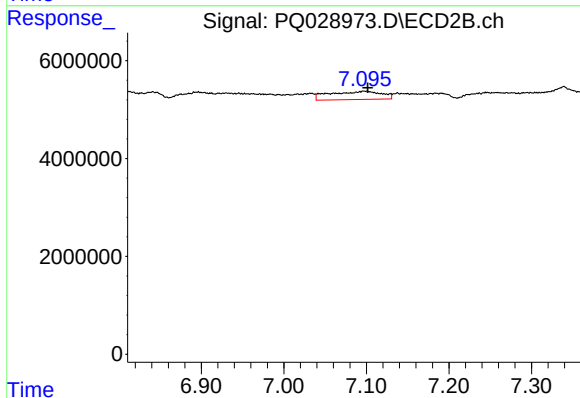
R.T.: 6.841 min
Delta R.T.: -0.004 min
Response: 3222948
Conc: 3.56 ng/ml



#39 AR-1262-4

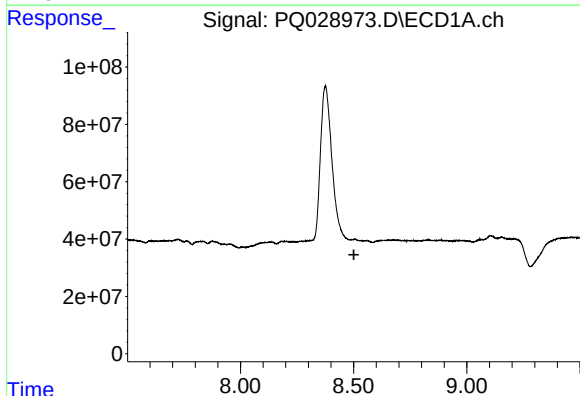
R.T.: 0.000 min
Exp R.T. : 8.179 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



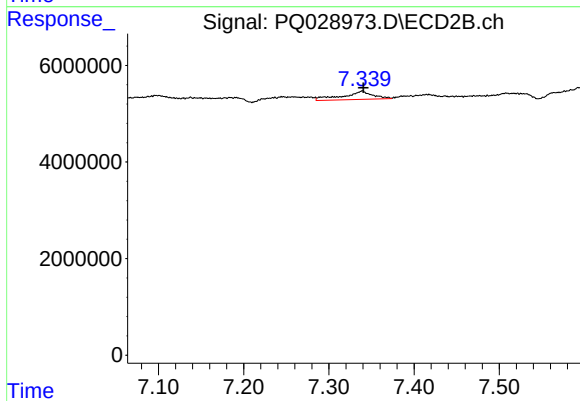
#39 AR-1262-4

R.T.: 7.098 min
Delta R.T.: -0.004 min
Response: 7303540
Conc: 9.18 ng/ml



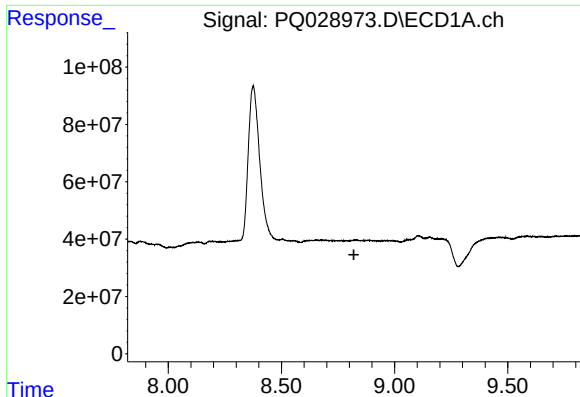
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.501 min
Response: 0
Conc: N.D.



#40 AR-1262-5

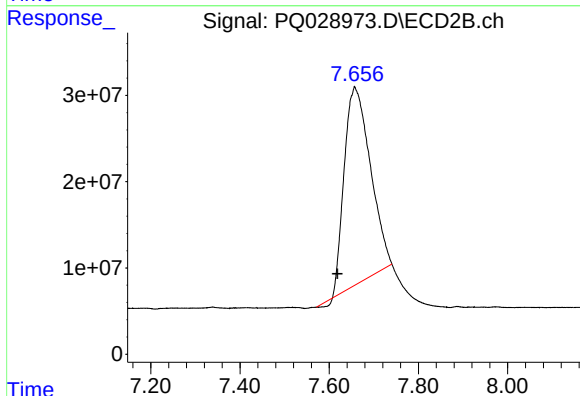
R.T.: 7.339 min
Delta R.T.: -0.002 min
Response: 4193210
Conc: 2.50 ng/ml



#41 AR-1268-1

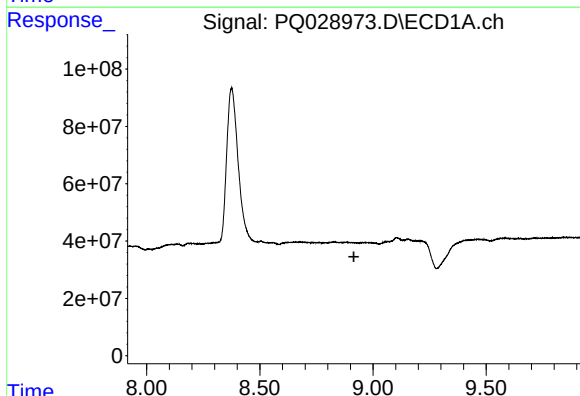
R.T.: 0.000 min
Exp R.T. : 8.820 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



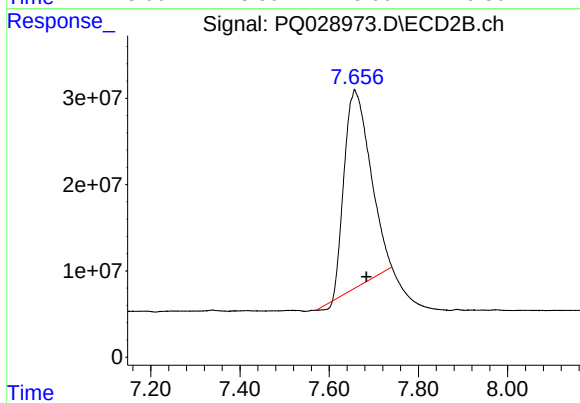
#41 AR-1268-1

R.T.: 7.658 min
Delta R.T.: 0.039 min
Response: 926674517
Conc: 510.69 ng/ml



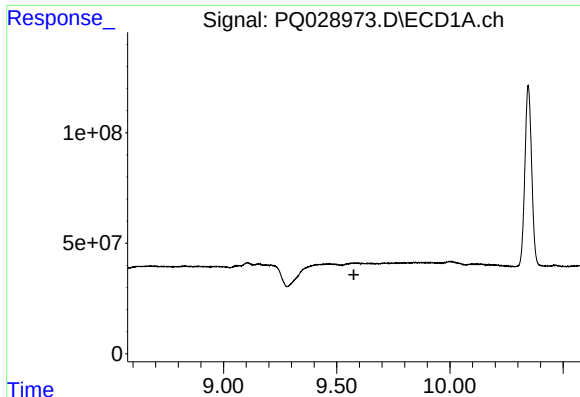
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.916 min
Response: 0
Conc: N.D.



#42 AR-1268-2

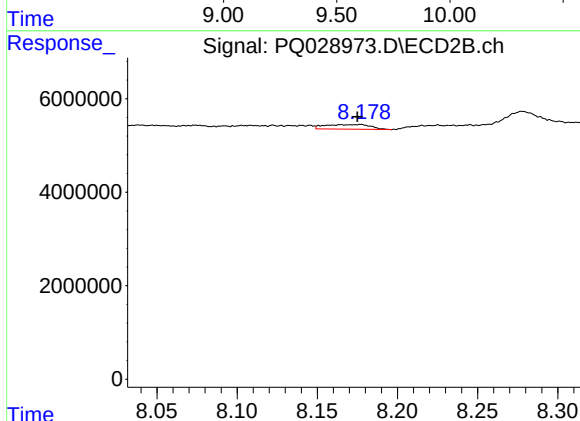
R.T.: 7.658 min
Delta R.T.: -0.026 min
Response: 926674517
Conc: 522.81 ng/ml



#44 AR-1268-4

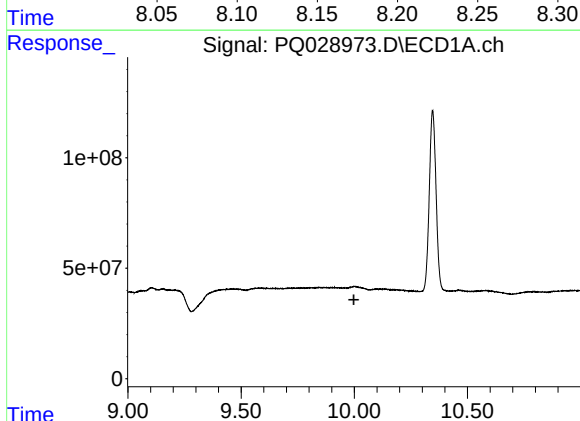
R.T.: 0.000 min
Exp R.T. : 9.576 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



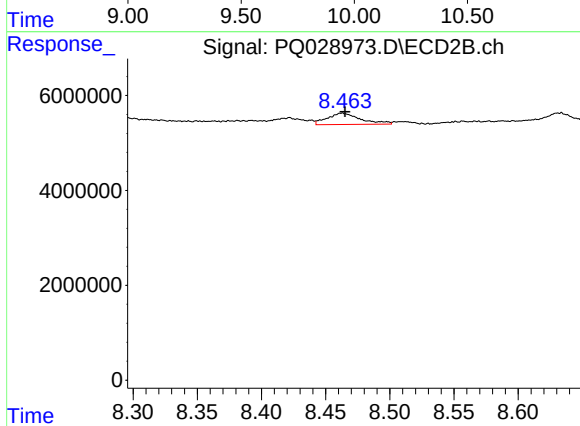
#44 AR-1268-4

R.T.: 8.175 min
Delta R.T.: 0.000 min
Response: 1952330
Conc: 3.10 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.998 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.463 min
Delta R.T.: -0.002 min
Response: 4333227
Conc: 0.99 ng/ml