

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052519\
 Data File : PQ040269.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 May 2019 14:57
 Operator : SM\AJ
 Sample : K3044-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETMS6

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 27 05:38:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	5.598	4.736	50203080	33082896	15.325	15.403
2)	SA Decachlor...	11.905	10.456	203.1E6	103.8E6	28.430	24.958
Target Compounds							
3)	L1 AR-1016-1	0.000	6.203	0	748682	N.D.	5.836 #
4)	L1 AR-1016-2	0.000	6.203	0	748682	N.D.	3.879 #
5)	L1 AR-1016-3	7.217	6.413	5939443	665529	34.799	6.171 #
6)	L1 AR-1016-4	7.217	6.471	5939443	591889	42.970	6.951 #
7)	L1 AR-1016-5	0.000	6.719	0	480340	N.D.	4.172 #
8)	L2 AR-1221-1	0.000	5.011	0	972804	N.D.	39.695 #
9)	L2 AR-1221-2	0.000	5.152	0	451635	N.D.	27.729 #
10)	L2 AR-1221-3	0.000	5.258	0	283981	N.D.	4.670 #
11)	L3 AR-1232-1	0.000	5.258	0	283981	N.D.	6.197 #
12)	L3 AR-1232-2	0.000	6.203	0	748682	N.D.	12.481 #
13)	L3 AR-1232-3	0.000	6.413	0	665529	N.D.	18.924 #
14)	L3 AR-1232-4	7.217	6.543	5939443	1321373	142.097	44.719 #
15)	L3 AR-1232-5	0.000	6.719	0	480340	N.D.	15.956 #
16)	L4 AR-1242-1	0.000	6.203	0	748682	N.D.	10.124 #
17)	L4 AR-1242-2	0.000	6.203	0	748682	N.D.	7.033 #
18)	L4 AR-1242-3	7.217	6.413	5939443	665529	63.803	11.032 #
19)	L4 AR-1242-4	7.217	6.543	5939443	1321373	78.971	22.171 #
20)	L4 AR-1242-5	8.035	7.118	19502191	3596721	224.955	44.631 #
21)	L5 AR-1248-1	0.000	6.203	0	748682	N.D.	12.993 #
22)	L5 AR-1248-2	0.000	6.471	0	591889	N.D.	6.732 #
23)	L5 AR-1248-3	7.534	6.543	14979186	1321373	108.524	14.603 #
24)	L5 AR-1248-4	8.035	6.719	19502191	480340	129.179	4.350 #
25)	L5 AR-1248-5	8.035	7.178	19502191	1087727	129.532	9.580 #
26)	L6 AR-1254-1	8.035	7.118	19502191	3596721	111.828	18.778 #
27)	L6 AR-1254-2	8.244	7.326	6519952	5200474	23.576	29.934 #
28)	L6 AR-1254-3	0.000	7.762	0	12633207	N.D.	43.716 #
29)	L6 AR-1254-4	0.000	7.993	0	5879136	N.D.	32.928 #
30)	L6 AR-1254-5	0.000	8.437	0	1606978	N.D.	6.238 #
31)	L7 AR-1260-1	0.000	7.889	0	6822399	N.D.	24.887 #
32)	L7 AR-1260-2	0.000	8.090	0	4234612	N.D.	12.242 #
33)	L7 AR-1260-3	0.000	8.251	0	799762	N.D.	2.494 #
34)	L7 AR-1260-4	0.000	8.746	0	507999	N.D.	1.870 #
35)	L7 AR-1260-5	0.000	9.002	0	1934222	N.D.	2.878 #
36)	L8 AR-1262-1	0.000	8.526	0	904988	N.D.	7.970 #
37)	L8 AR-1262-2	0.000	9.002	0	1934222	N.D.	3.899 #
38)	L8 AR-1262-3	0.000	9.289	0	17025	N.D.	0.081 #
39)	L8 AR-1262-4	0.000	9.354	0	821662	N.D.	2.170 #
40)	L8 AR-1262-5	0.000	9.881	0	2490290	N.D.	15.360 #
41)	L9 AR-1268-1	0.000	9.289	0	17025	N.D.	0.037 #
42)	L9 AR-1268-2	0.000	9.354	0	821662	N.D.	1.879 #

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 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	0.000	9.567	0	844170	N.D.	2.249 #
44) L9	AR-1268-4	0.000	9.881	0	2490290	N.D.	18.074 #
45) L9	AR-1268-5	0.000	10.190	0	1813881	N.D.	1.537 #

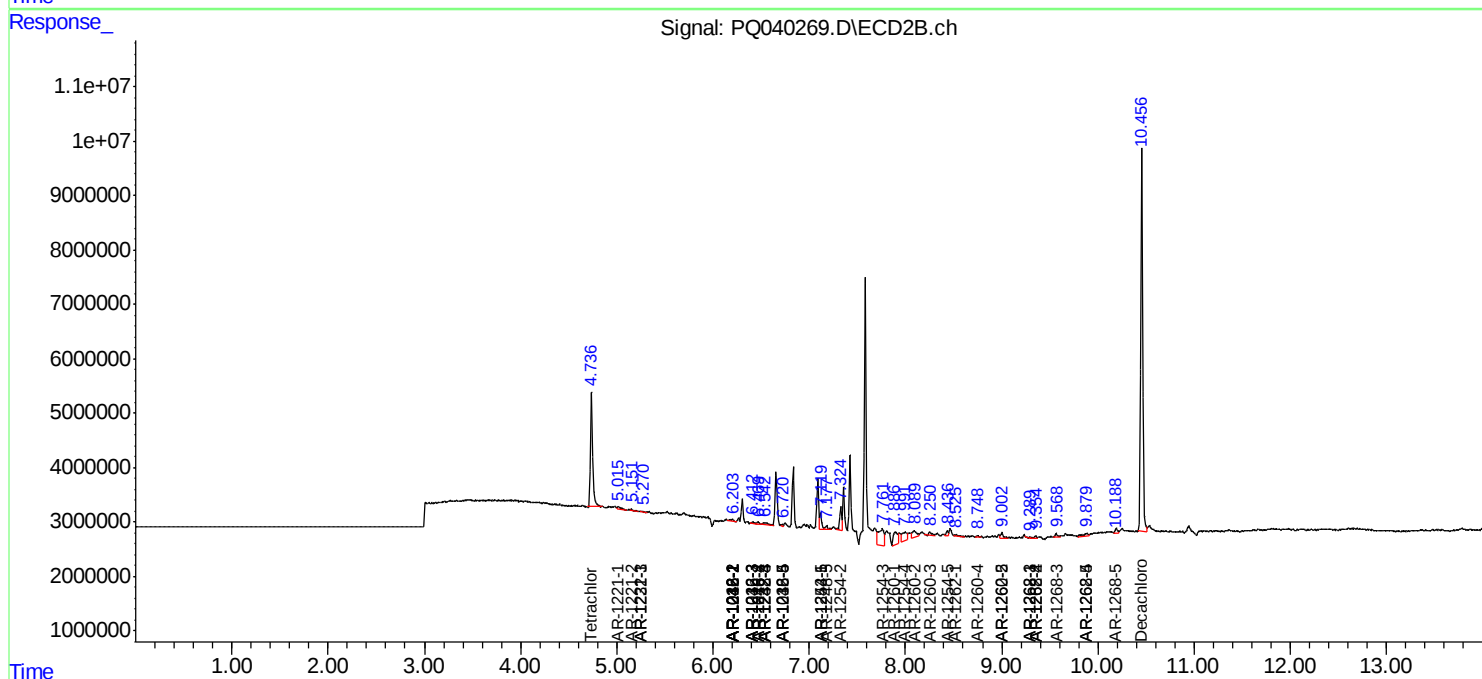
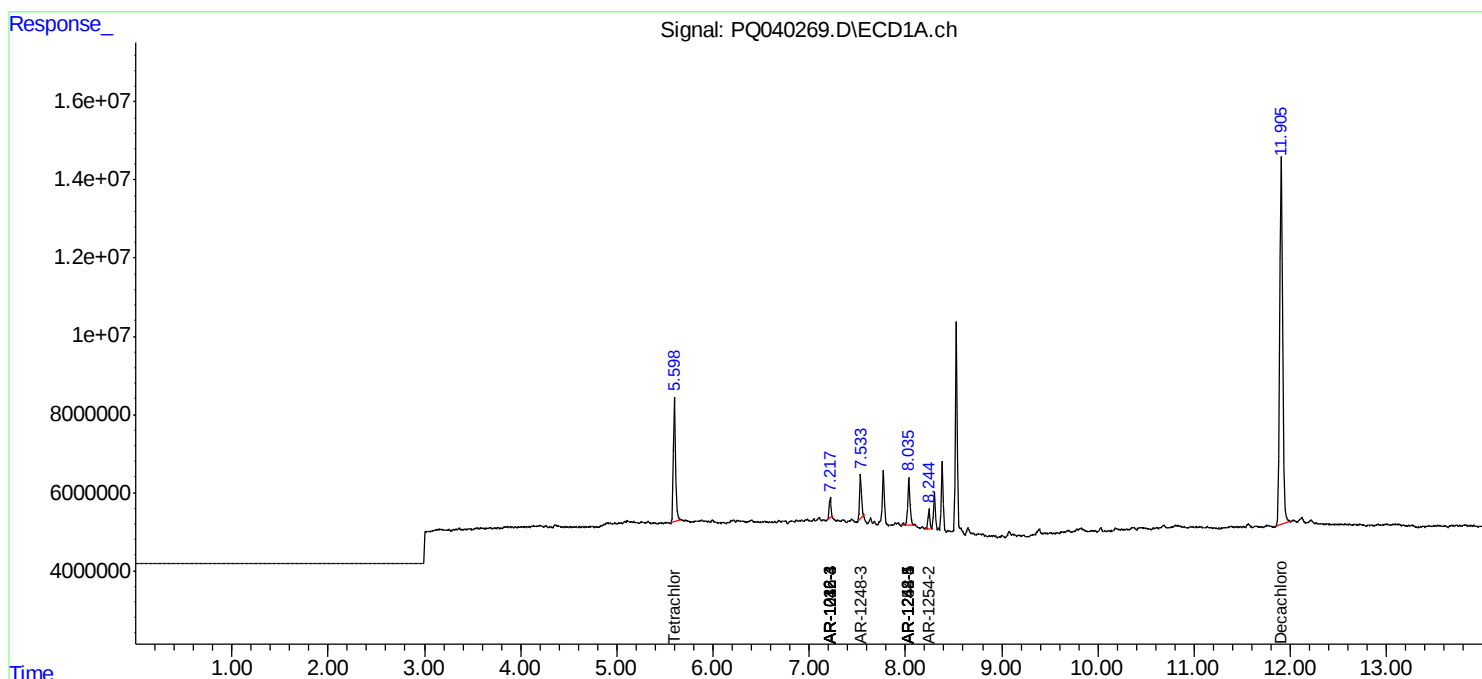
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

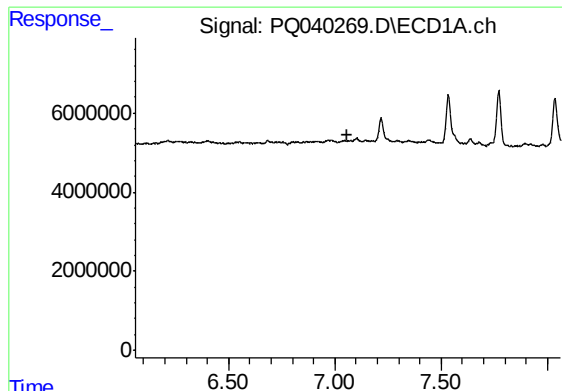
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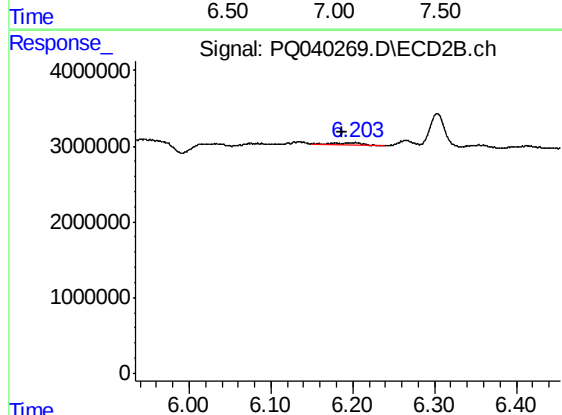




#3 AR-1016-1

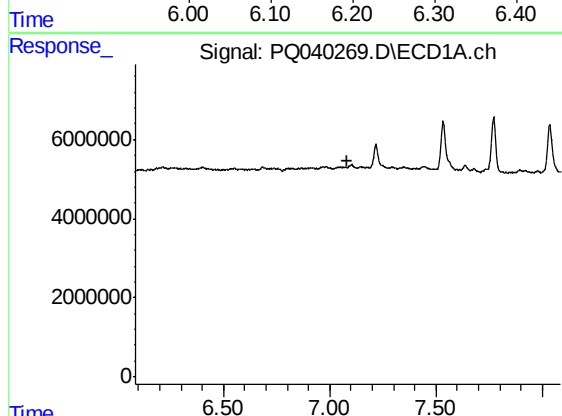
R.T.: 0.000 min
Exp R.T.: 7.061 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMS6



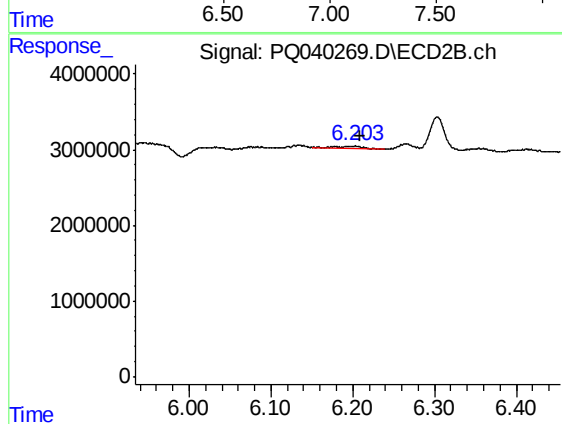
#3 AR-1016-1

R.T.: 6.203 min
Delta R.T.: 0.016 min
Response: 748682
Conc: 5.84 ng/ml



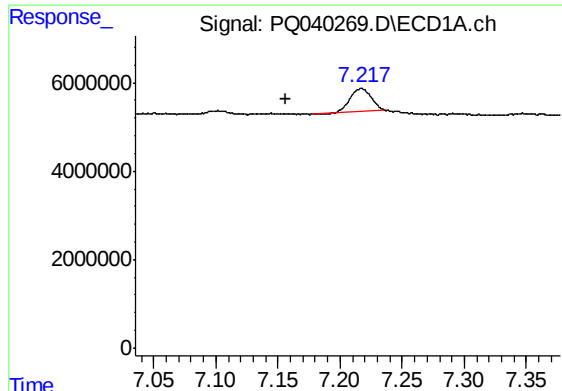
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 7.085 min
Response: 0
Conc: N.D.



#4 AR-1016-2

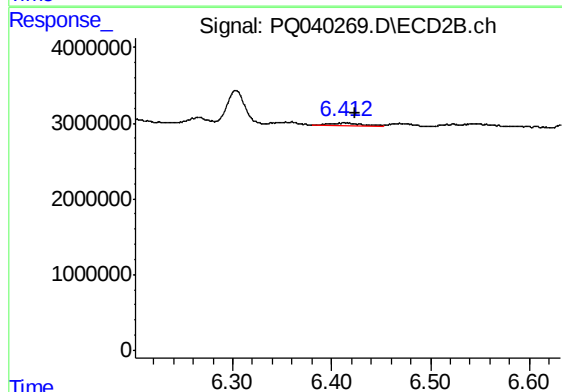
R.T.: 6.203 min
Delta R.T.: -0.006 min
Response: 748682
Conc: 3.88 ng/ml



#5 AR-1016-3

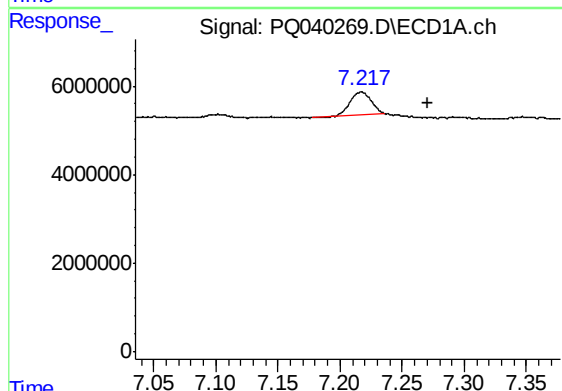
R.T.: 7.217 min
Delta R.T.: 0.061 min
Response: 5939443
Conc: 34.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMS6



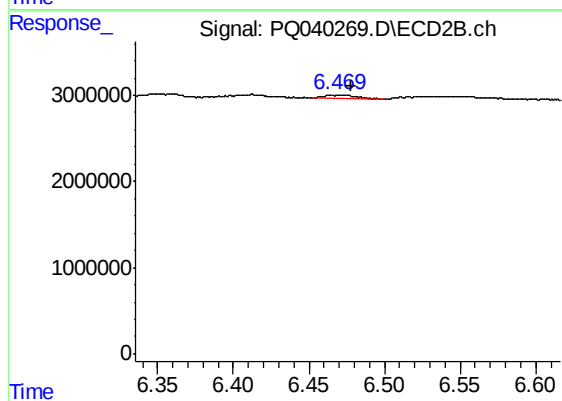
#5 AR-1016-3

R.T.: 6.413 min
Delta R.T.: -0.011 min
Response: 665529
Conc: 6.17 ng/ml



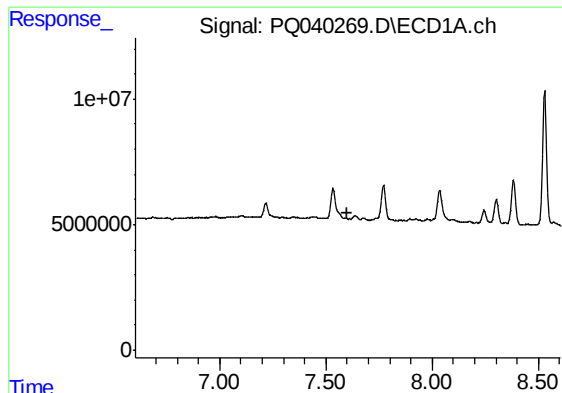
#6 AR-1016-4

R.T.: 7.217 min
Delta R.T.: -0.053 min
Response: 5939443
Conc: 42.97 ng/ml



#6 AR-1016-4

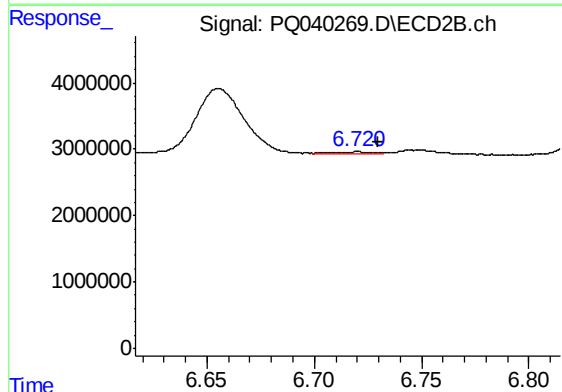
R.T.: 6.471 min
Delta R.T.: -0.007 min
Response: 591889
Conc: 6.95 ng/ml



#7 AR-1016-5

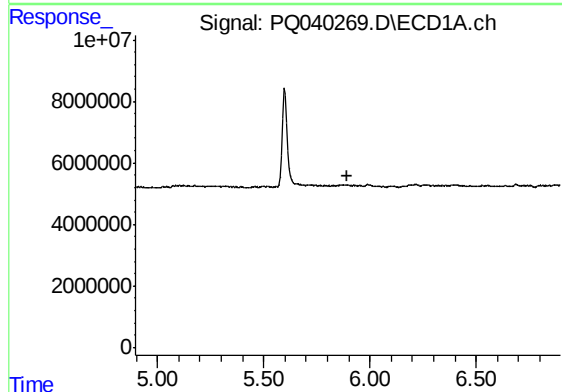
R.T.: 0.000 min
Exp R.T. : 7.604 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMS6



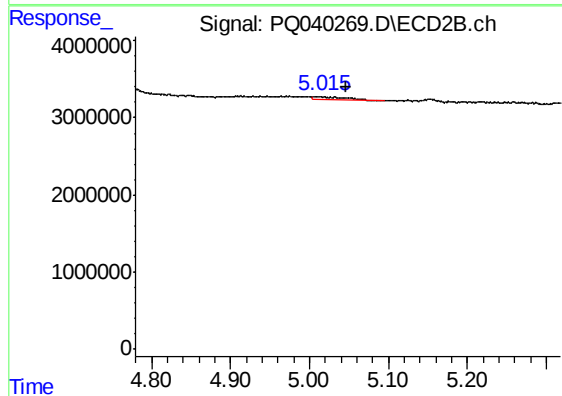
#7 AR-1016-5

R.T.: 6.719 min
Delta R.T.: -0.011 min
Response: 480340
Conc: 4.17 ng/ml



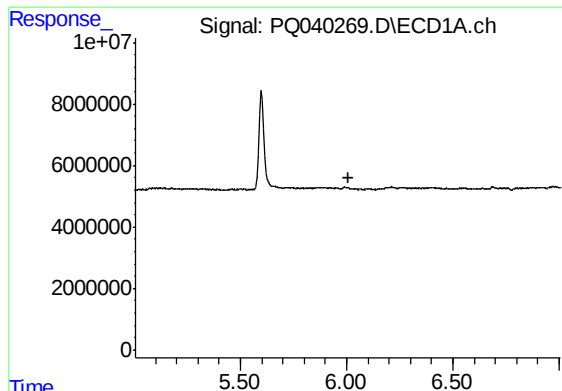
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.897 min
Response: 0
Conc: N.D.



#8 AR-1221-1

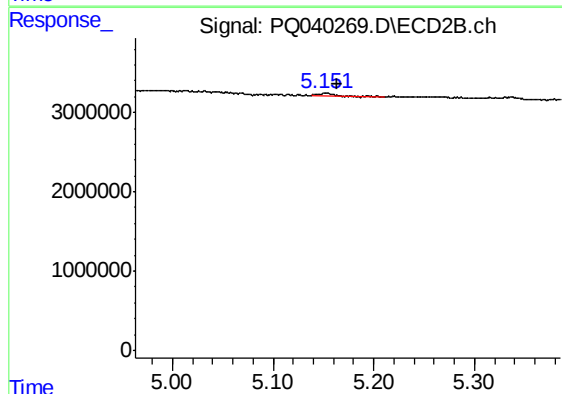
R.T.: 5.011 min
Delta R.T.: -0.035 min
Response: 972804
Conc: 39.70 ng/ml



#9 AR-1221-2

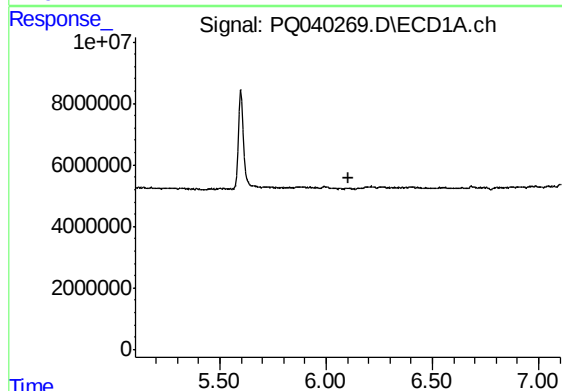
R.T.: 0.000 min
Exp R.T. : 6.006 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMS6



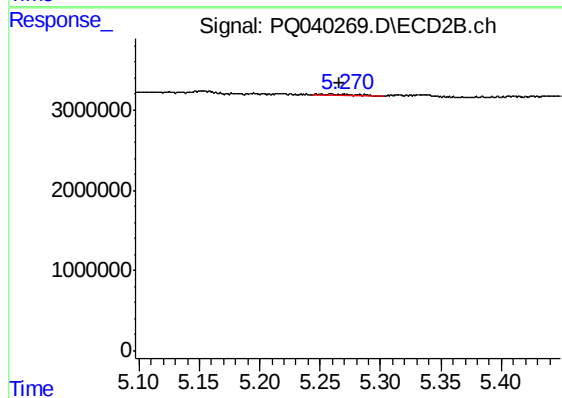
#9 AR-1221-2

R.T.: 5.152 min
Delta R.T.: -0.011 min
Response: 451635
Conc: 27.73 ng/ml



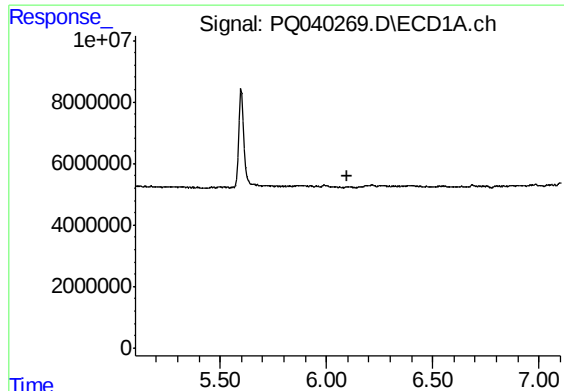
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.103 min
Response: 0
Conc: N.D.



#10 AR-1221-3

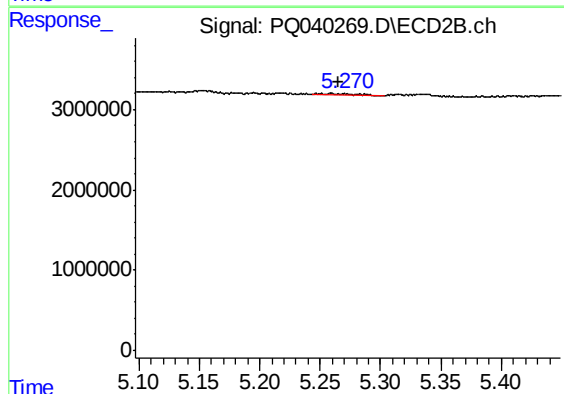
R.T.: 5.258 min
Delta R.T.: -0.008 min
Response: 283981
Conc: 4.67 ng/ml



#11 AR-1232-1

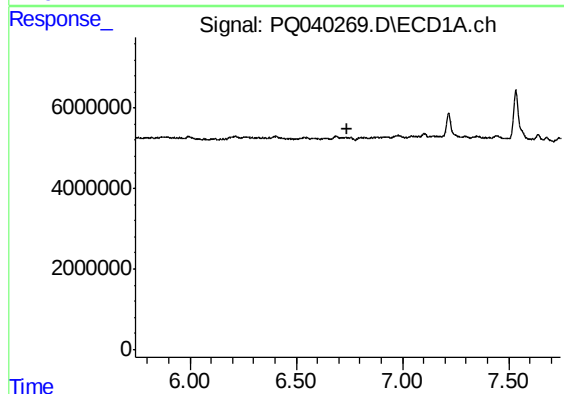
R.T.: 0.000 min
Exp R.T. : 6.101 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMS6



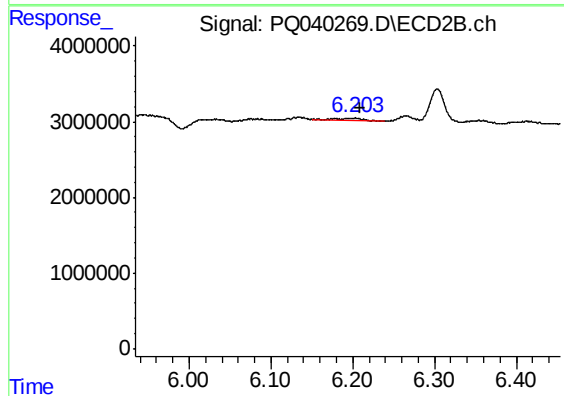
#11 AR-1232-1

R.T.: 5.258 min
Delta R.T.: -0.007 min
Response: 283981
Conc: 6.20 ng/ml



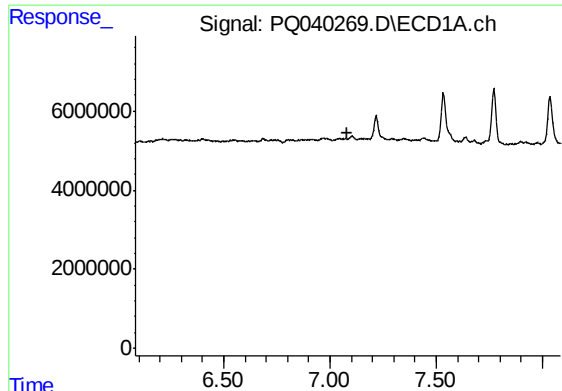
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.743 min
Response: 0
Conc: N.D.



#12 AR-1232-2

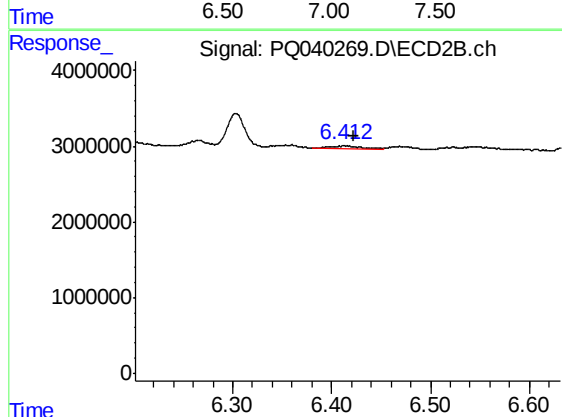
R.T.: 6.203 min
Delta R.T.: -0.005 min
Response: 748682
Conc: 12.48 ng/ml



#13 AR-1232-3

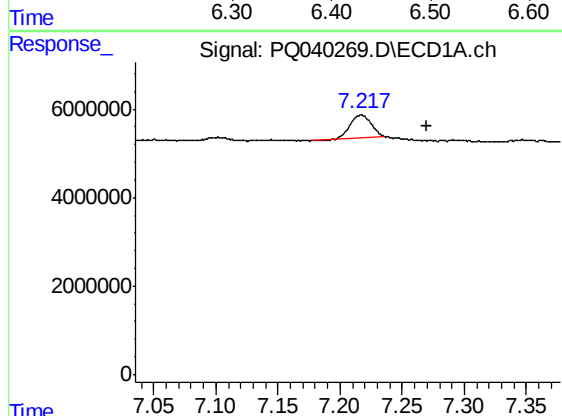
R.T.: 0.000 min
Exp R.T.: 7.084 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMS6



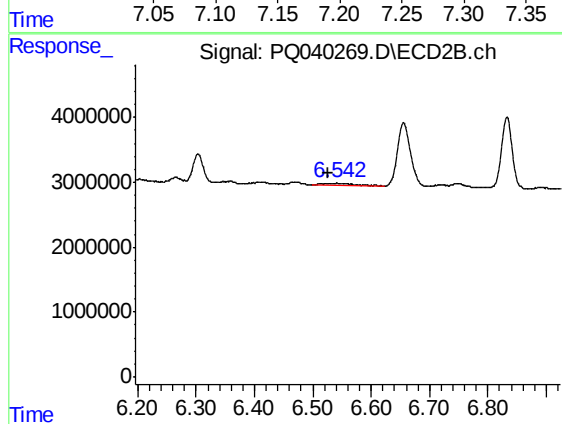
#13 AR-1232-3

R.T.: 6.413 min
Delta R.T.: -0.010 min
Response: 665529
Conc: 18.92 ng/ml



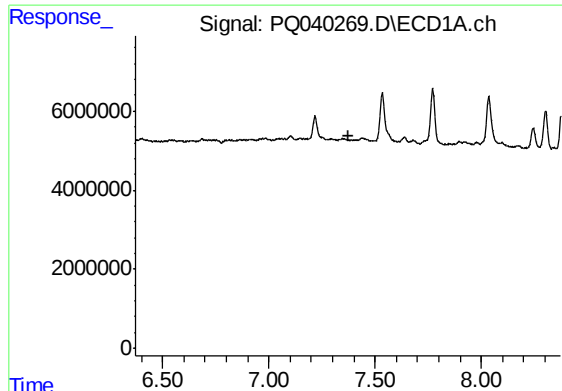
#14 AR-1232-4

R.T.: 7.217 min
Delta R.T.: -0.053 min
Response: 5939443
Conc: 142.10 ng/ml



#14 AR-1232-4

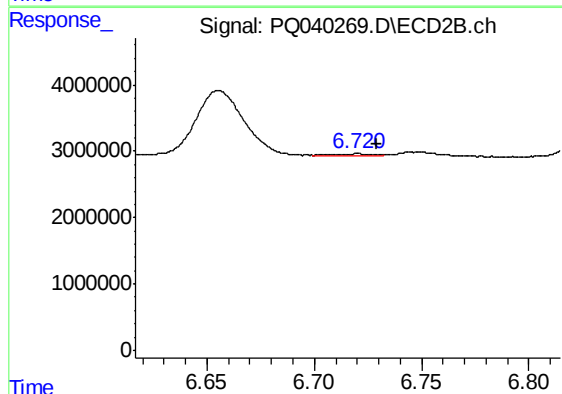
R.T.: 6.543 min
Delta R.T.: 0.017 min
Response: 1321373
Conc: 44.72 ng/ml



#15 AR-1232-5

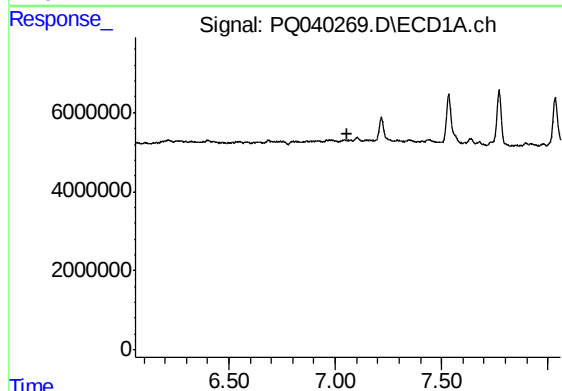
R.T.: 0.000 min
Exp R.T.: 7.372 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMS6



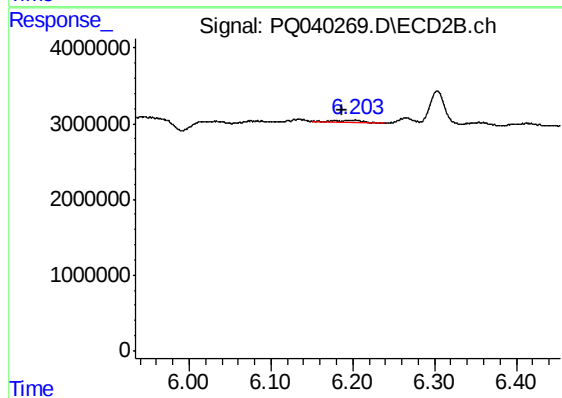
#15 AR-1232-5

R.T.: 6.719 min
Delta R.T.: -0.010 min
Response: 480340
Conc: 15.96 ng/ml



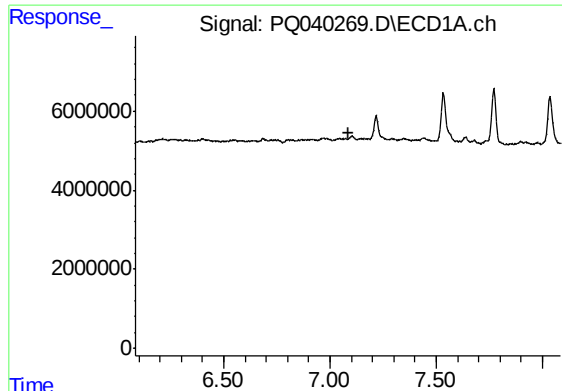
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 7.060 min
Response: 0
Conc: N.D.



#16 AR-1242-1

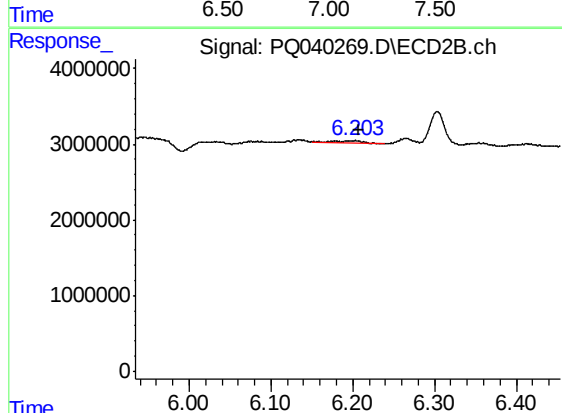
R.T.: 6.203 min
Delta R.T.: 0.016 min
Response: 748682
Conc: 10.12 ng/ml



#17 AR-1242-2

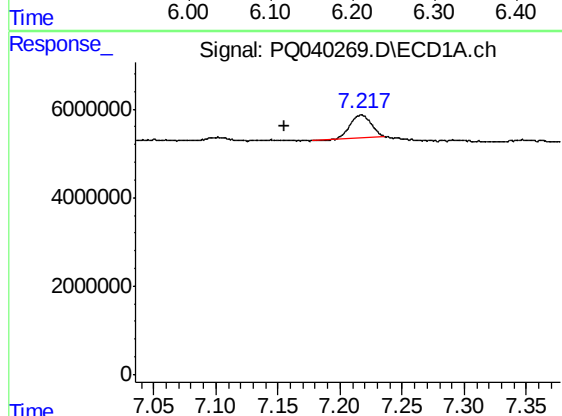
R.T.: 0.000 min
Exp R.T.: 7.085 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
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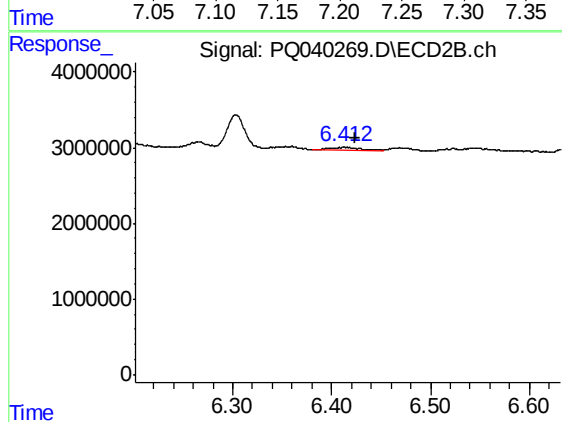
#17 AR-1242-2

R.T.: 6.203 min
Delta R.T.: -0.004 min
Response: 748682
Conc: 7.03 ng/ml



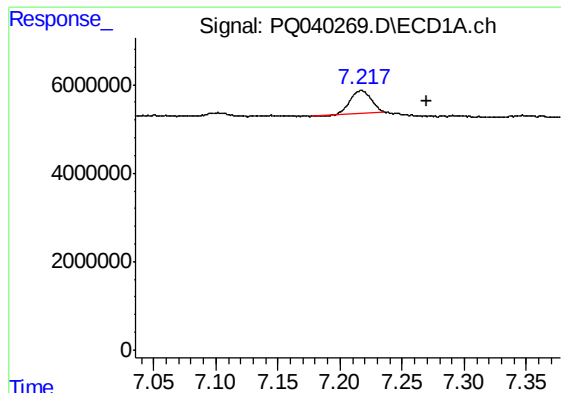
#18 AR-1242-3

R.T.: 7.217 min
Delta R.T.: 0.062 min
Response: 5939443
Conc: 63.80 ng/ml



#18 AR-1242-3

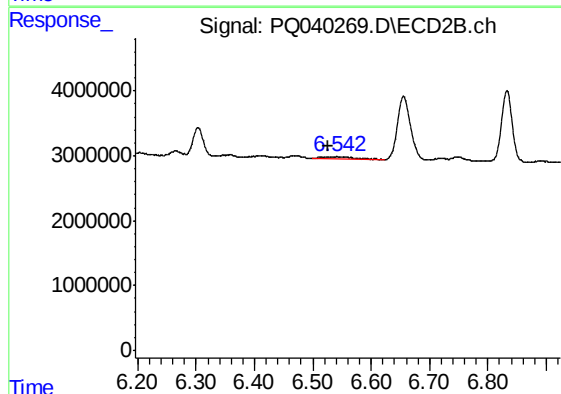
R.T.: 6.413 min
Delta R.T.: -0.011 min
Response: 665529
Conc: 11.03 ng/ml



#19 AR-1242-4

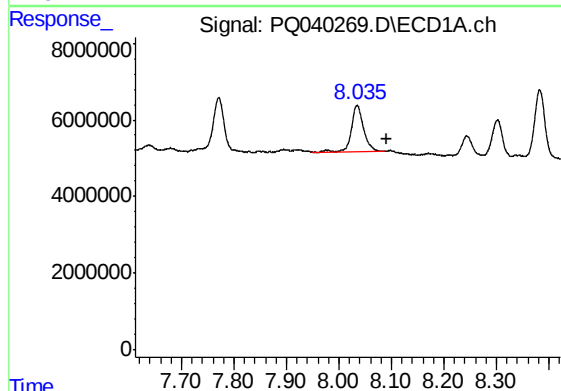
R.T.: 7.217 min
Delta R.T.: -0.053 min
Response: 5939443
Conc: 78.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMS6



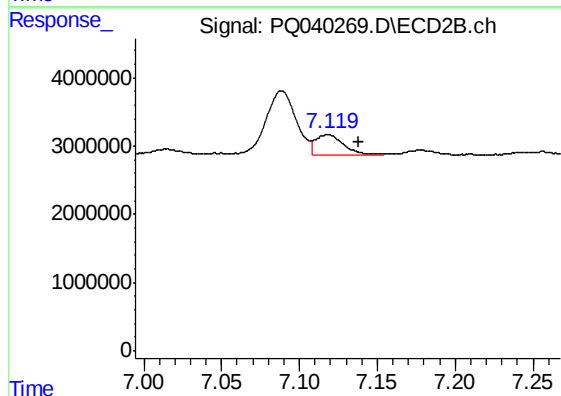
#19 AR-1242-4

R.T.: 6.543 min
Delta R.T.: 0.017 min
Response: 1321373
Conc: 22.17 ng/ml



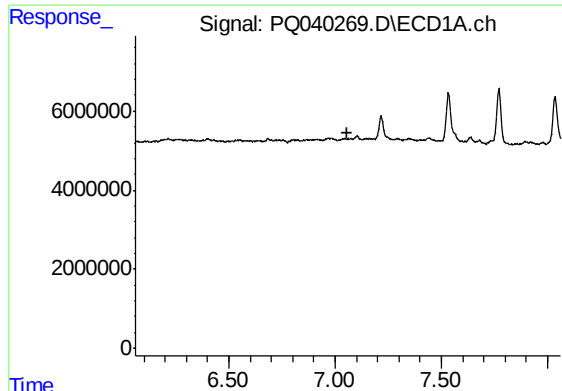
#20 AR-1242-5

R.T.: 8.035 min
Delta R.T.: -0.056 min
Response: 19502191
Conc: 224.96 ng/ml



#20 AR-1242-5

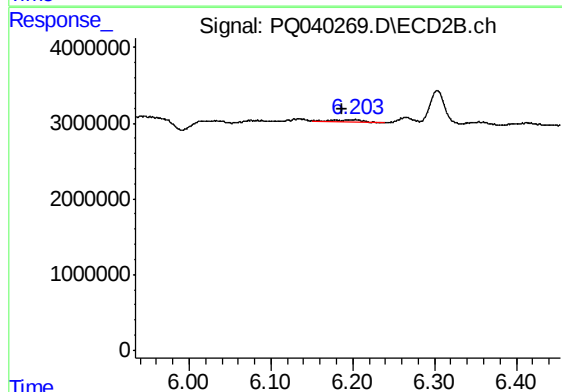
R.T.: 7.118 min
Delta R.T.: -0.020 min
Response: 3596721
Conc: 44.63 ng/ml



#21 AR-1248-1

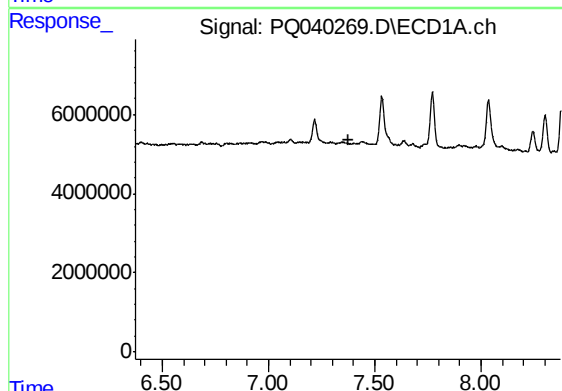
R.T.: 0.000 min
Exp R.T.: 7.061 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMS6



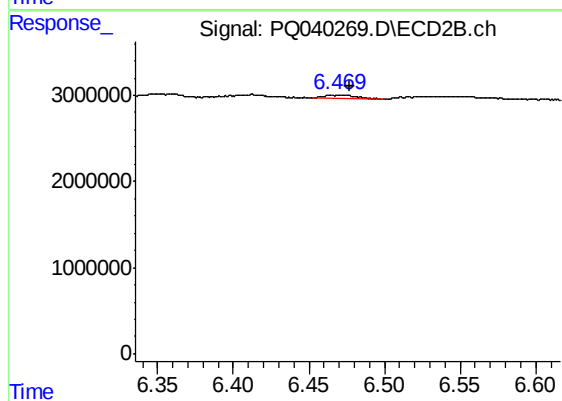
#21 AR-1248-1

R.T.: 6.203 min
Delta R.T.: 0.016 min
Response: 748682
Conc: 12.99 ng/ml



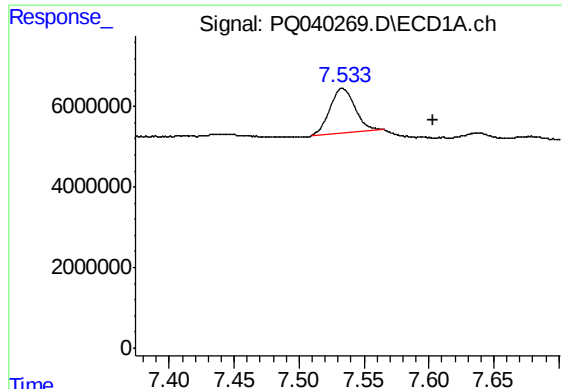
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 7.374 min
Response: 0
Conc: N.D.



#22 AR-1248-2

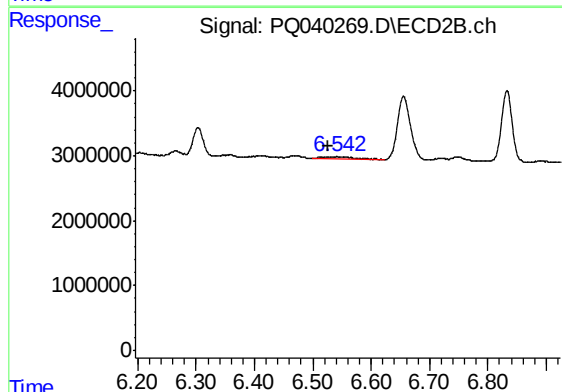
R.T.: 6.471 min
Delta R.T.: -0.006 min
Response: 591889
Conc: 6.73 ng/ml



#23 AR-1248-3

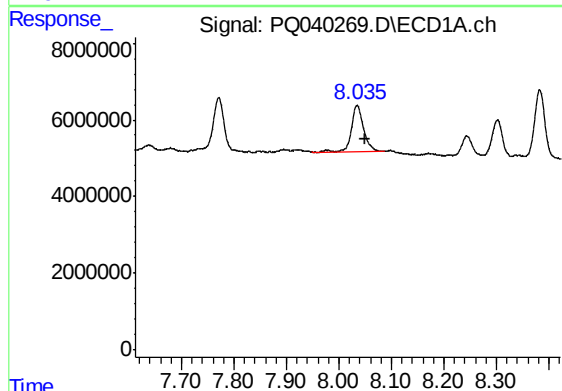
R.T.: 7.534 min
Delta R.T.: -0.070 min
Response: 14979186
Conc: 108.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMS6



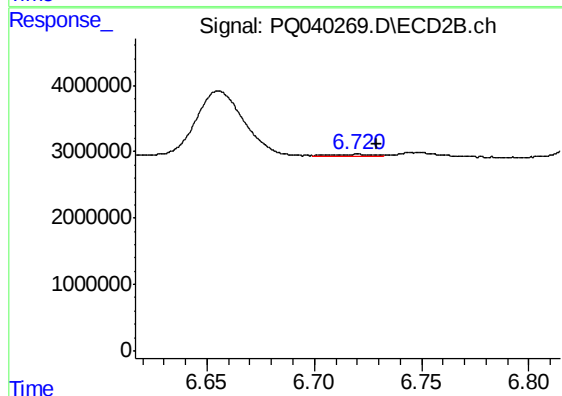
#23 AR-1248-3

R.T.: 6.543 min
Delta R.T.: 0.017 min
Response: 1321373
Conc: 14.60 ng/ml



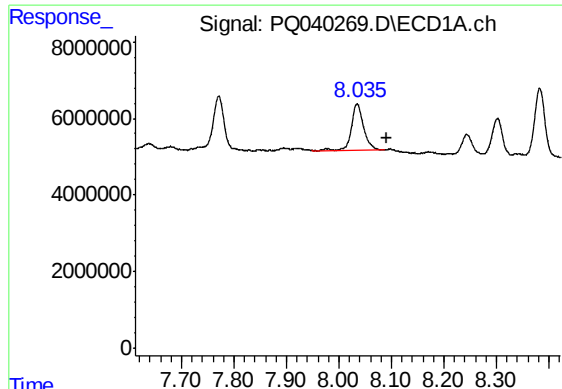
#24 AR-1248-4

R.T.: 8.035 min
Delta R.T.: -0.016 min
Response: 19502191
Conc: 129.18 ng/ml



#24 AR-1248-4

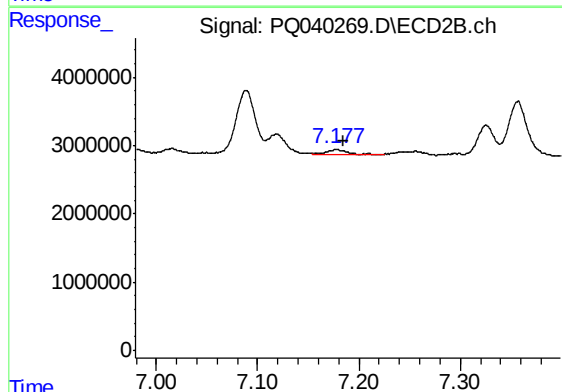
R.T.: 6.719 min
Delta R.T.: -0.010 min
Response: 480340
Conc: 4.35 ng/ml



#25 AR-1248-5

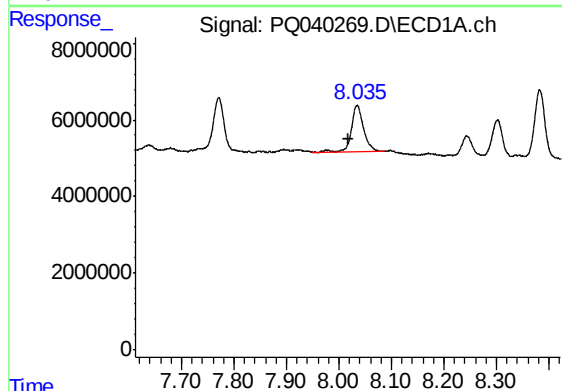
R.T.: 8.035 min
Delta R.T.: -0.056 min
Response: 19502191
Conc: 129.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMS6



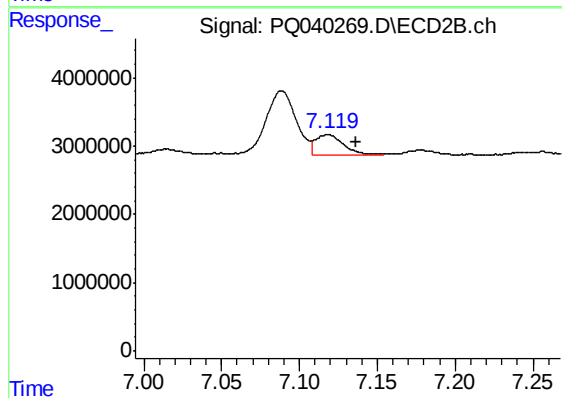
#25 AR-1248-5

R.T.: 7.178 min
Delta R.T.: -0.007 min
Response: 1087727
Conc: 9.58 ng/ml



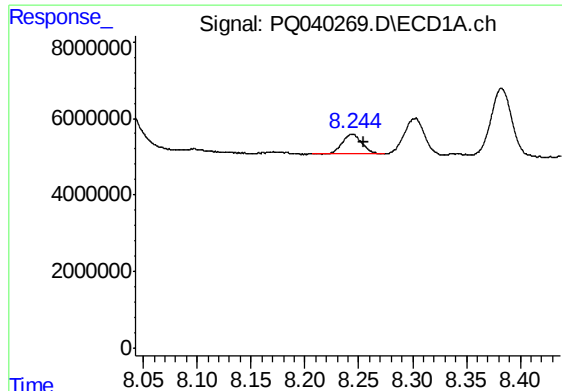
#26 AR-1254-1

R.T.: 8.035 min
Delta R.T.: 0.017 min
Response: 19502191
Conc: 111.83 ng/ml



#26 AR-1254-1

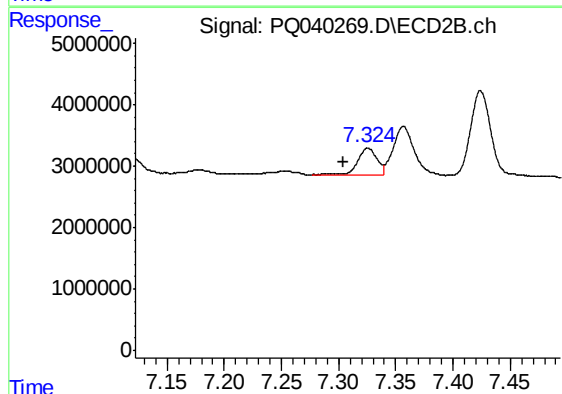
R.T.: 7.118 min
Delta R.T.: -0.018 min
Response: 3596721
Conc: 18.78 ng/ml



#27 AR-1254-2

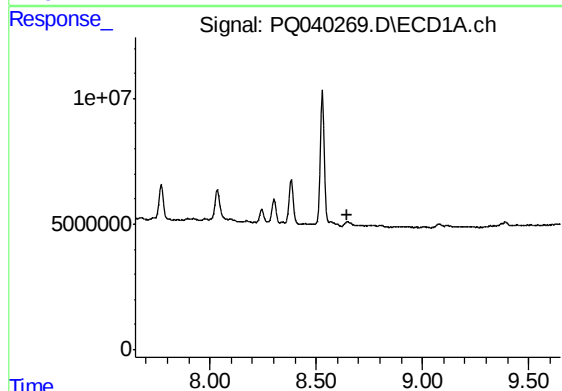
R.T.: 8.244 min
Delta R.T.: -0.010 min
Response: 6519952
Conc: 23.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMS6



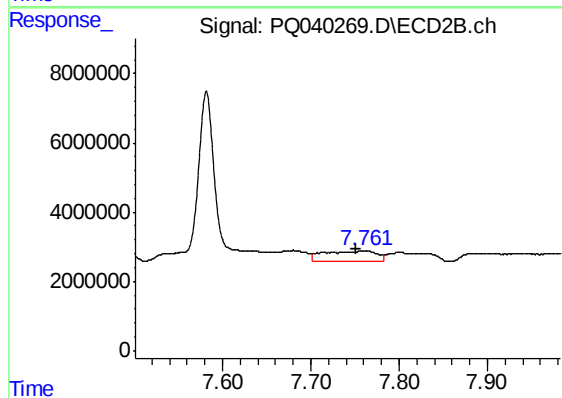
#27 AR-1254-2

R.T.: 7.326 min
Delta R.T.: 0.022 min
Response: 5200474
Conc: 29.93 ng/ml



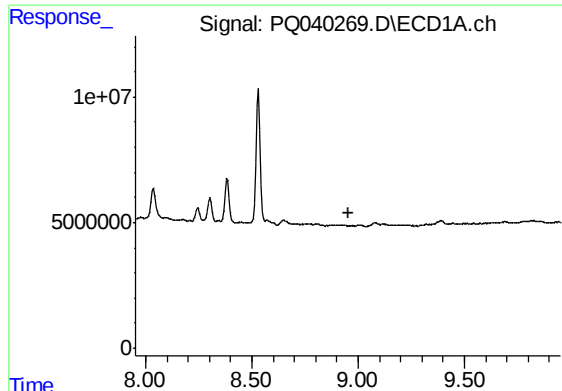
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T.: 8.650 min
Response: 0
Conc: N.D.



#28 AR-1254-3

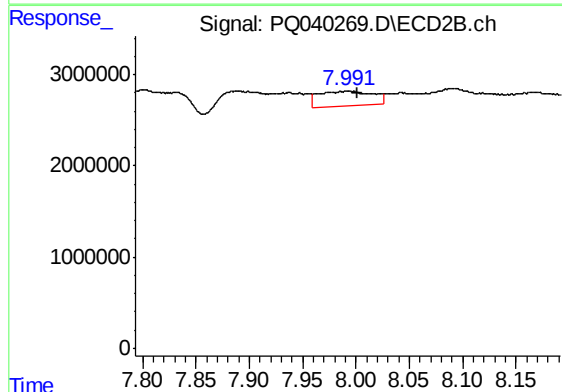
R.T.: 7.762 min
Delta R.T.: 0.010 min
Response: 12633207
Conc: 43.72 ng/ml



#29 AR-1254-4

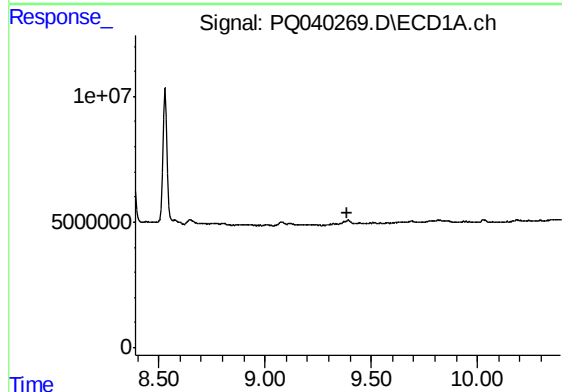
R.T.: 0.000 min
Exp R.T. : 8.952 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMS6



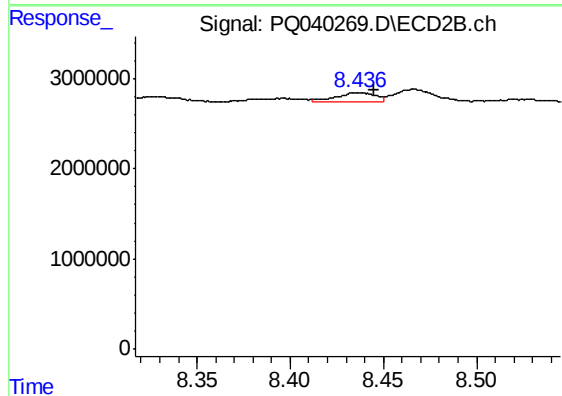
#29 AR-1254-4

R.T.: 7.993 min
Delta R.T.: -0.009 min
Response: 5879136
Conc: 32.93 ng/ml



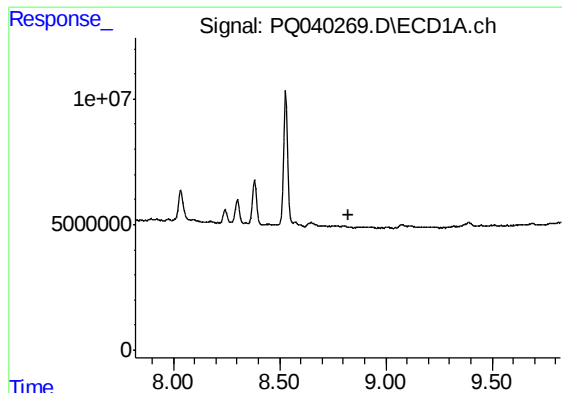
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 9.390 min
Response: 0
Conc: N.D.



#30 AR-1254-5

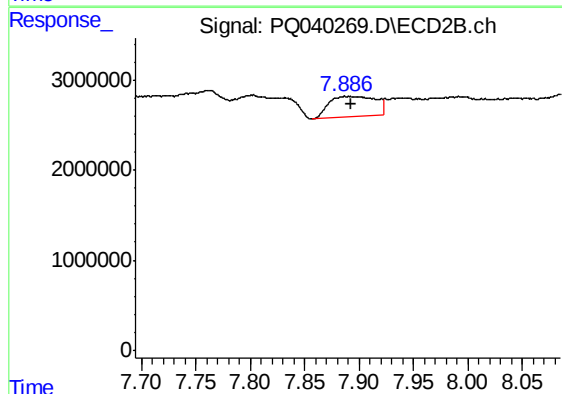
R.T.: 8.437 min
Delta R.T.: -0.008 min
Response: 1606978
Conc: 6.24 ng/ml



#31 AR-1260-1

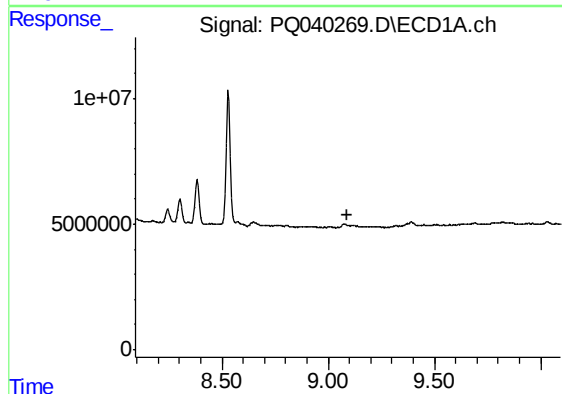
R.T.: 0.000 min
Exp R.T. : 8.822 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMS6



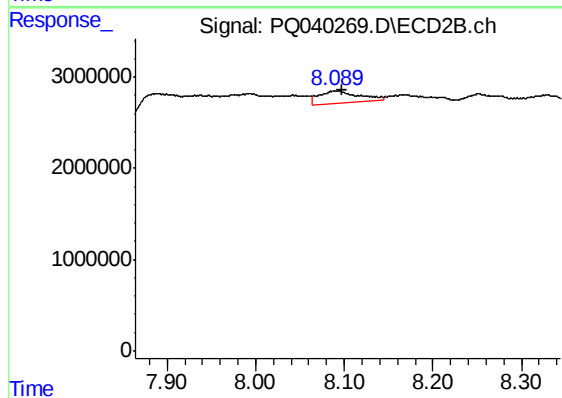
#31 AR-1260-1

R.T.: 7.889 min
Delta R.T.: -0.003 min
Response: 6822399
Conc: 24.89 ng/ml



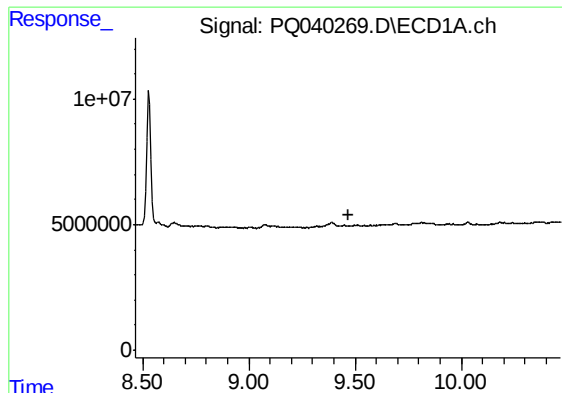
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.



#32 AR-1260-2

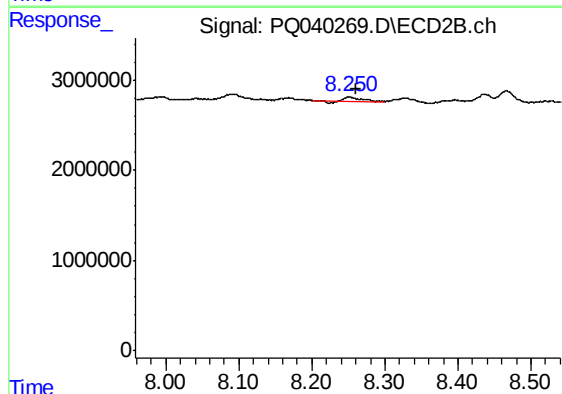
R.T.: 8.090 min
Delta R.T.: -0.007 min
Response: 4234612
Conc: 12.24 ng/ml



#33 AR-1260-3

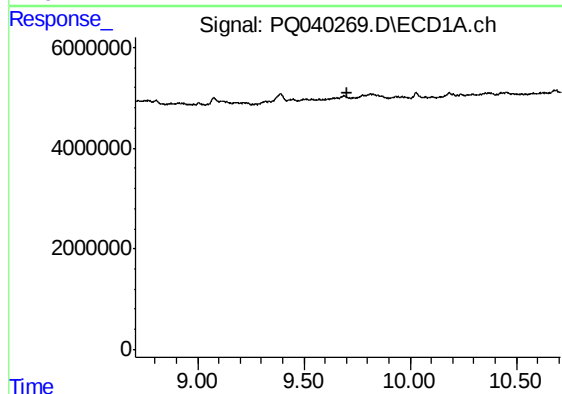
R.T.: 0.000 min
Exp R.T. : 9.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMS6



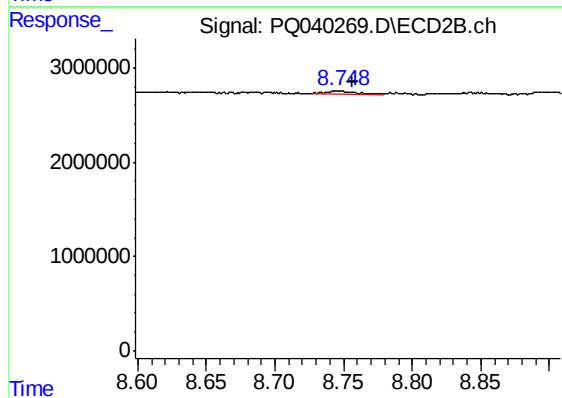
#33 AR-1260-3

R.T.: 8.251 min
Delta R.T.: -0.009 min
Response: 799762
Conc: 2.49 ng/ml



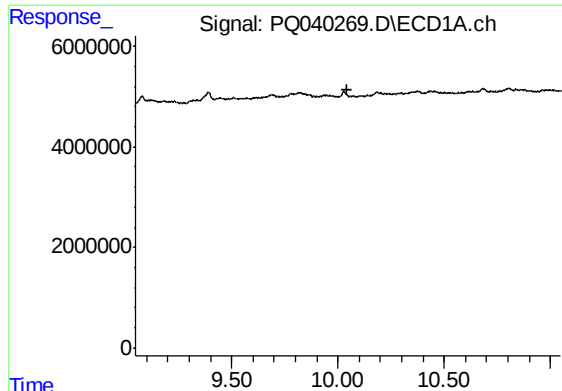
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 9.707 min
Response: 0
Conc: N.D.



#34 AR-1260-4

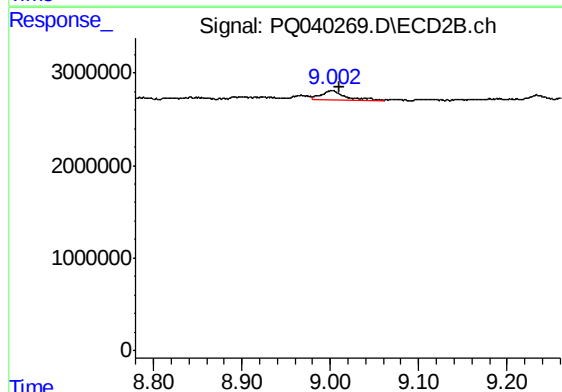
R.T.: 8.746 min
Delta R.T.: -0.010 min
Response: 507999
Conc: 1.87 ng/ml



#35 AR-1260-5

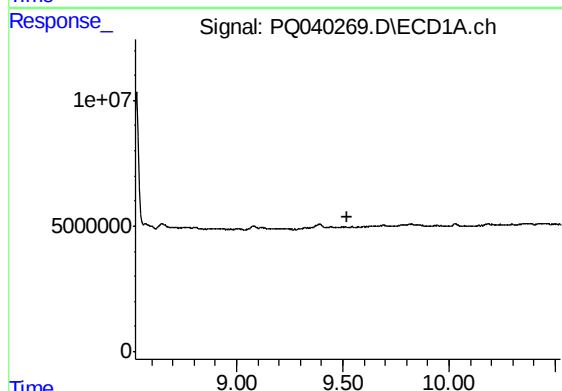
R.T.: 0.000 min
Exp R.T. : 10.047 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMS6



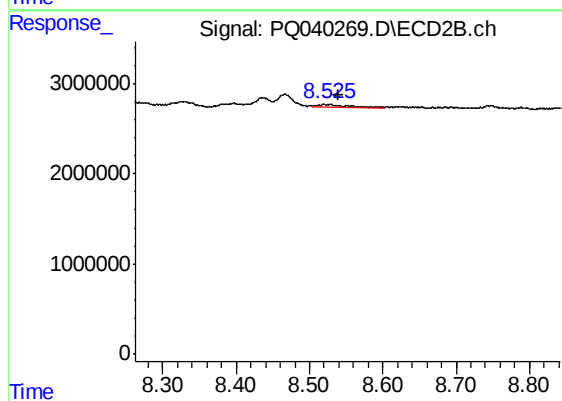
#35 AR-1260-5

R.T.: 9.002 min
Delta R.T.: -0.008 min
Response: 1934222
Conc: 2.88 ng/ml



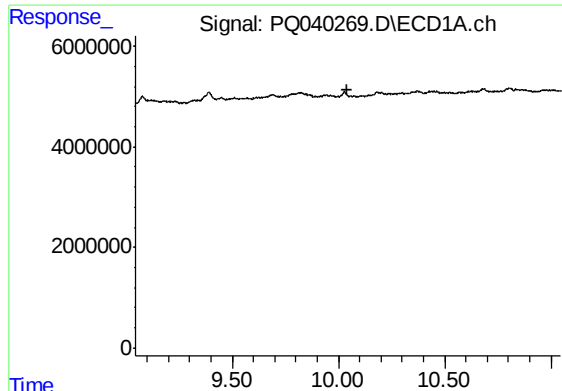
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 9.524 min
Response: 0
Conc: N.D.



#36 AR-1262-1

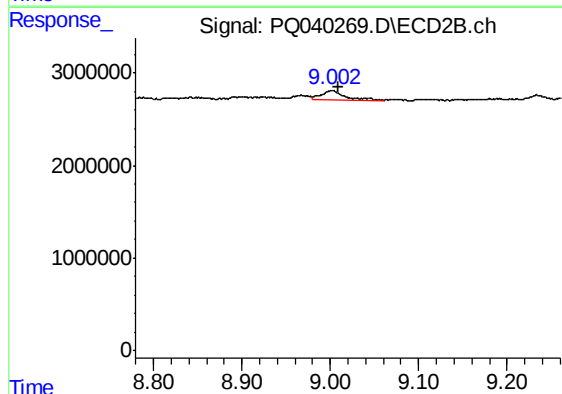
R.T.: 8.526 min
Delta R.T.: -0.013 min
Response: 904988
Conc: 7.97 ng/ml



#37 AR-1262-2

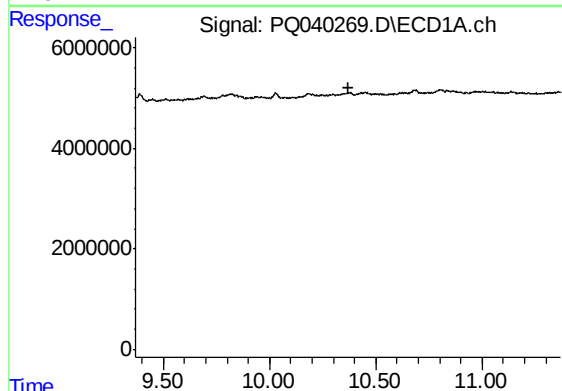
R.T.: 0.000 min
Exp R.T. : 10.045 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMS6



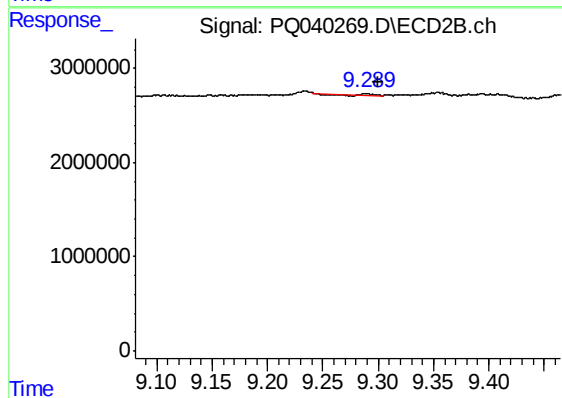
#37 AR-1262-2

R.T.: 9.002 min
Delta R.T.: -0.008 min
Response: 1934222
Conc: 3.90 ng/ml



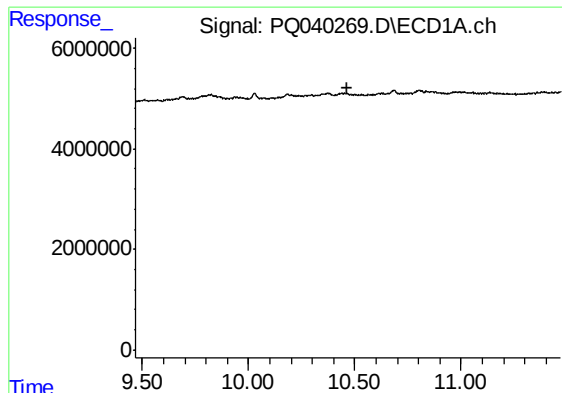
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 10.369 min
Response: 0
Conc: N.D.



#38 AR-1262-3

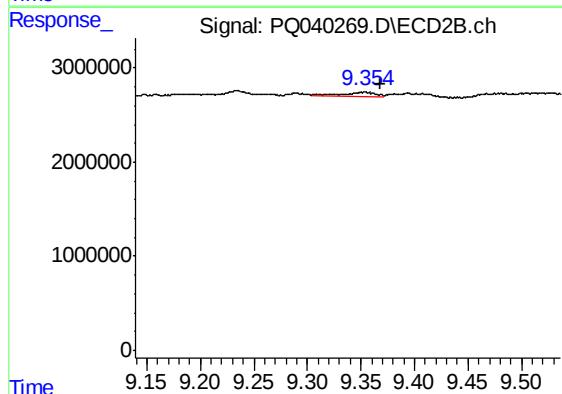
R.T.: 9.289 min
Delta R.T.: -0.011 min
Response: 17025
Conc: 0.08 ng/ml



#39 AR-1262-4

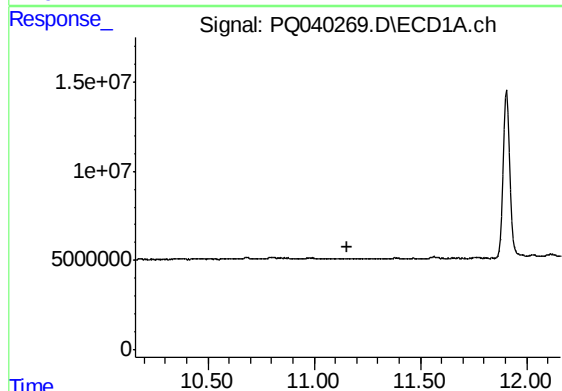
R.T.: 0.000 min
Exp R.T. : 10.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMS6



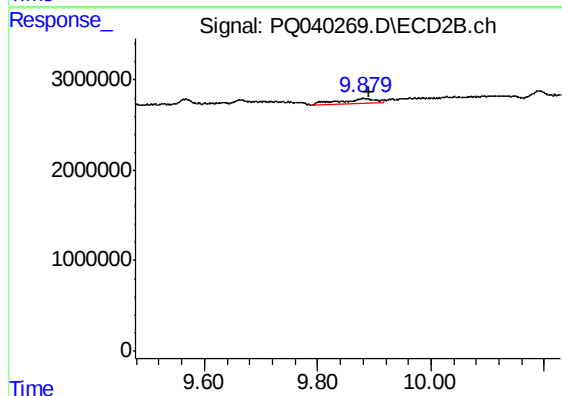
#39 AR-1262-4

R.T.: 9.354 min
Delta R.T.: -0.015 min
Response: 821662
Conc: 2.17 ng/ml



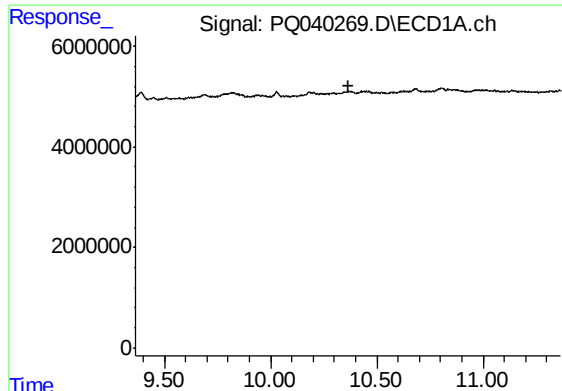
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 11.159 min
Response: 0
Conc: N.D.



#40 AR-1262-5

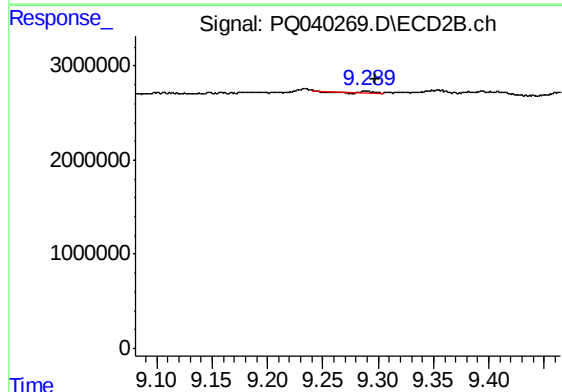
R.T.: 9.881 min
Delta R.T.: -0.009 min
Response: 2490290
Conc: 15.36 ng/ml



#41 AR-1268-1

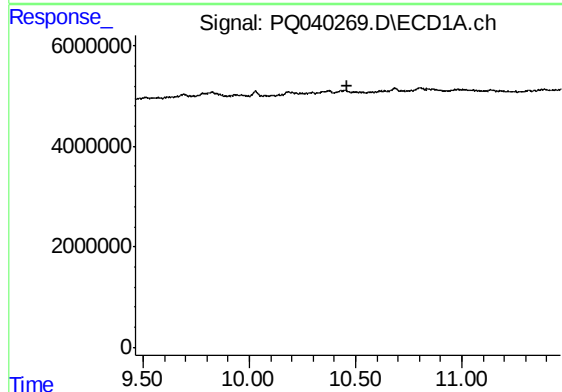
R.T.: 0.000 min
Exp R.T. : 10.364 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMS6



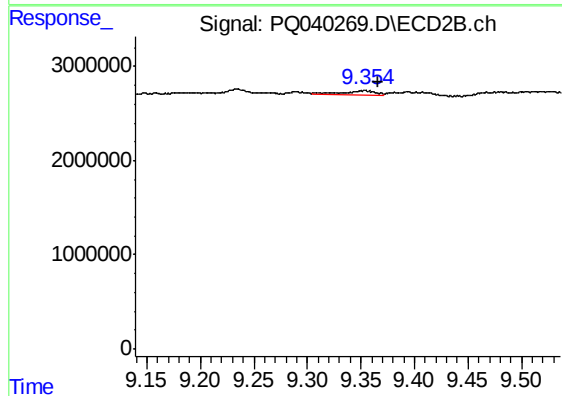
#41 AR-1268-1

R.T.: 9.289 min
Delta R.T.: -0.007 min
Response: 17025
Conc: 0.04 ng/ml



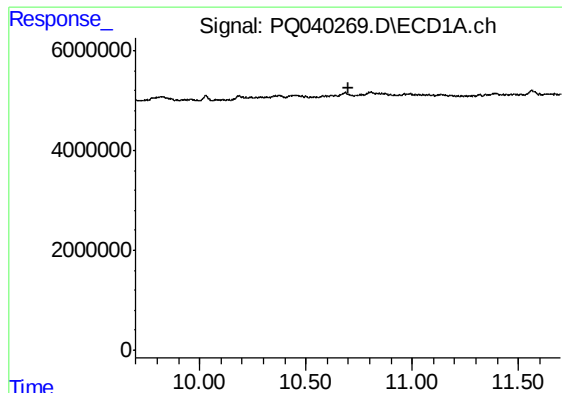
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 10.464 min
Response: 0
Conc: N.D.



#42 AR-1268-2

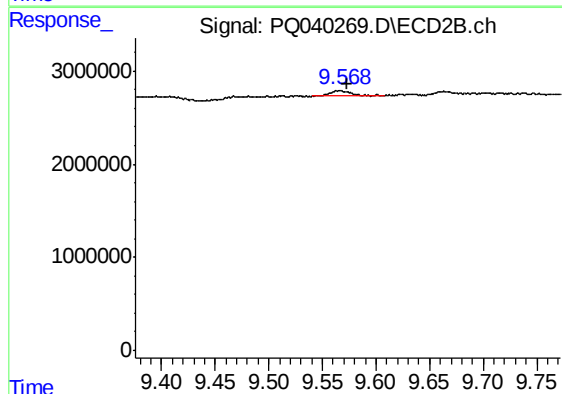
R.T.: 9.354 min
Delta R.T.: -0.012 min
Response: 821662
Conc: 1.88 ng/ml



#43 AR-1268-3

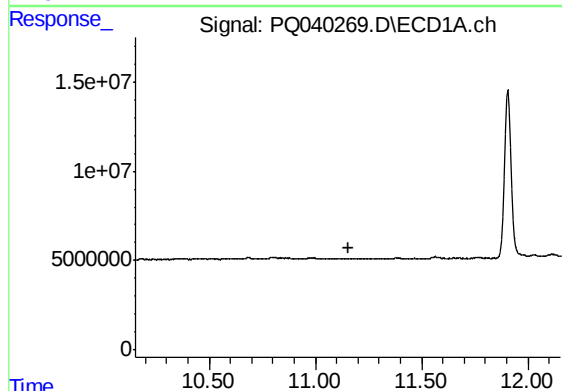
R.T.: 0.000 min
Exp R.T. : 10.698 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMS6



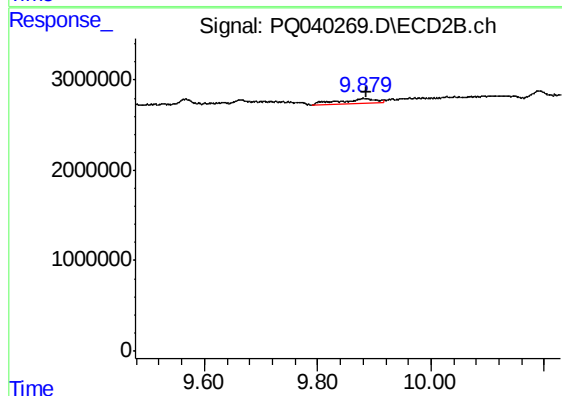
#43 AR-1268-3

R.T.: 9.567 min
Delta R.T.: -0.006 min
Response: 844170
Conc: 2.25 ng/ml



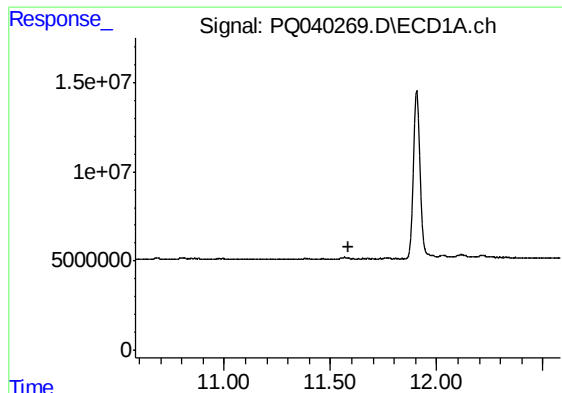
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 11.153 min
Response: 0
Conc: N.D.



#44 AR-1268-4

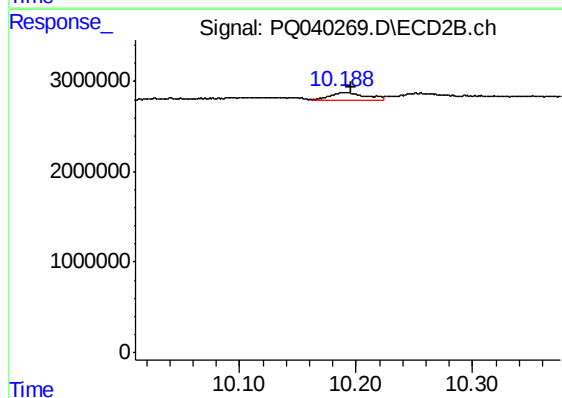
R.T.: 9.881 min
Delta R.T.: -0.006 min
Response: 2490290
Conc: 18.07 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 11.582 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMS6



#45 AR-1268-5

R.T.: 10.190 min
Delta R.T.: -0.006 min
Response: 1813881
Conc: 1.54 ng/ml