

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032119\
 Data File : PQ038047.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Mar 2019 18:44
 Operator : SM\SJ
 Sample : K1693-11
 Misc :
 ALS Vial : 143 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 21 08:44:08 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032019.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 20 09:51:59 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.184	3.638	96092696	48257686	16.515	15.625
2)	SA Decachlor...	9.596	8.508	80548015	30319204	16.707	13.543
Target Compounds							
3)	L1 AR-1016-1	5.344	4.720	2039608	5151921	10.134	45.790 #
4)	L1 AR-1016-2	5.344	4.720	2039608	5151921	6.499	30.414 #
5)	L1 AR-1016-3	5.431	4.887	2745957	4491804	15.077	52.113 #
6)	L1 AR-1016-4	5.510	4.922	10078291	4226590	67.370	61.097
7)	L1 AR-1016-5	5.851	5.078	3196907	1945467	22.018	22.319
8)	L2 AR-1221-1	4.419	0.000	1535926	0	24.207	N.D. #
9)	L2 AR-1221-2	4.484	0.000	2915995	0	63.035	N.D. #
10)	L2 AR-1221-3	4.558	4.048	1894851	13322048	12.398	155.741 #
11)	L3 AR-1232-1	4.558	4.048	1894851	13322048	15.225	198.733 #
12)	L3 AR-1232-2	5.063	4.720	7511960	5151921	127.570	72.867 #
13)	L3 AR-1232-3	5.344	4.887	2039608	4491804	16.515	134.358 #
14)	L3 AR-1232-4	5.510	4.987	10078291	2338170	173.037	81.248 #
15)	L3 AR-1232-5	5.601	5.078	2189171	1945467	51.209	61.374
16)	L4 AR-1242-1	5.344	4.720	2039608	5151921	12.412	56.145 #
17)	L4 AR-1242-2	5.344	4.720	2039608	5151921	7.993	36.871 #
18)	L4 AR-1242-3	5.431	4.887	2745957	4491804	18.619	64.997 #
19)	L4 AR-1242-4	5.510	4.987	10078291	2338170	82.334	36.630 #
20)	L4 AR-1242-5	6.216	0.000	3046917	0	22.300	N.D. #
21)	L5 AR-1248-1	5.344	4.720	2039608	5151921	12.878	55.857 #
22)	L5 AR-1248-2	5.601	4.922	2189171	4226590	10.002	35.290 #
23)	L5 AR-1248-3	5.851	4.987	3196907	2338170	13.012	19.266 #
24)	L5 AR-1248-4	6.159	5.078	13857376	1945467	49.542	13.083 #
25)	L5 AR-1248-5	6.216	0.000	3046917	0	11.494	N.D. #
26)	L6 AR-1254-1	6.159	0.000	13857376	0	70.535	N.D. #
27)	L6 AR-1254-2	6.368	5.637	11449510	5261842	37.356	40.555
28)	L6 AR-1254-3	6.739	6.027	10127862	4130205	32.523	19.526 #
29)	L6 AR-1254-4	6.997	0.000	1186419	0	4.674	N.D. #
30)	L6 AR-1254-5	7.418	0.000	1884758	0	6.388	N.D. #
31)	L7 AR-1260-1	6.877	0.000	1094023	0	4.225	N.D. #
32)	L7 AR-1260-2	7.147	0.000	28856429	0	83.715	N.D. #
33)	L7 AR-1260-3	7.482	0.000	1277079	0	4.503	N.D. #
34)	L7 AR-1260-4	7.714	0.000	917234	0	3.407	N.D. #
35)	L7 AR-1260-5	8.018	0.000	2343763	0	3.720	N.D. #
36)	L8 AR-1262-1	7.550	0.000	1340579	0	8.680	N.D. #
37)	L8 AR-1262-2	8.018	0.000	2343763	0	3.341	N.D. #
38)	L8 AR-1262-3	8.287	0.000	1026222	0	3.424	N.D. #
39)	L8 AR-1262-4	8.365	0.000	1256992	0	3.625	N.D. #
40)	L8 AR-1262-5	8.962	0.000	3065185	0	12.828	N.D. #
41)	L9 AR-1268-1	8.287	0.000	1026222	0	1.247	N.D. #

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 Acq On : 20 Mar 2019 18:44
 Operator : SM\SJ
 Sample : K1693-11
 Misc :
 ALS Vial : 143 Sample Multiplier: 1

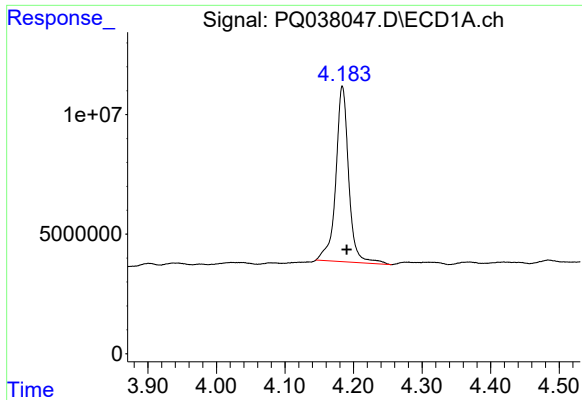
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 21 08:44:08 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032019.M
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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	8.365	0.000	1256992	0	1.683	N.D.	#
43)	L9 AR-1268-3	8.567	0.000	697206	0	1.063	N.D.	#
44)	L9 AR-1268-4	8.962	0.000	3065185	0	11.841	N.D.	#
45)	L9 AR-1268-5	9.326	0.000	1440355	0	0.738	N.D.	#

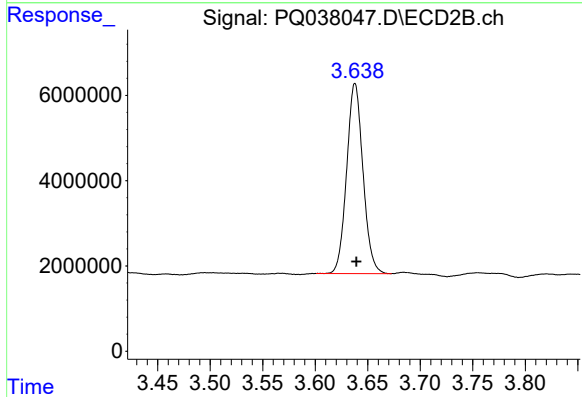
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

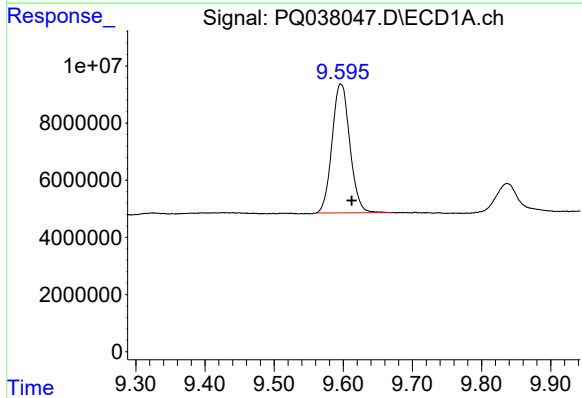
R.T.: 4.184 min
Delta R.T.: -0.006 min
Response: 96092696
Conc: 16.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



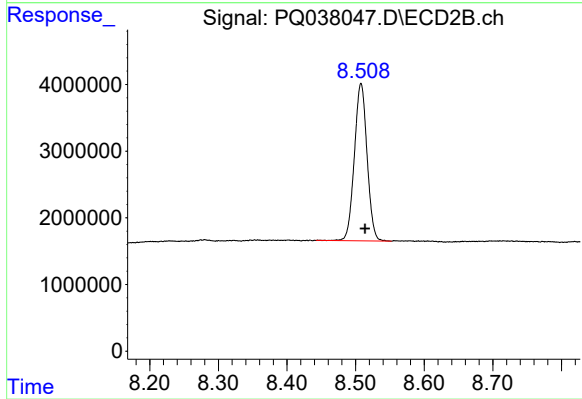
#1 Tetrachloro-m-xylene

R.T.: 3.638 min
Delta R.T.: -0.001 min
Response: 48257686
Conc: 15.62 ng/ml



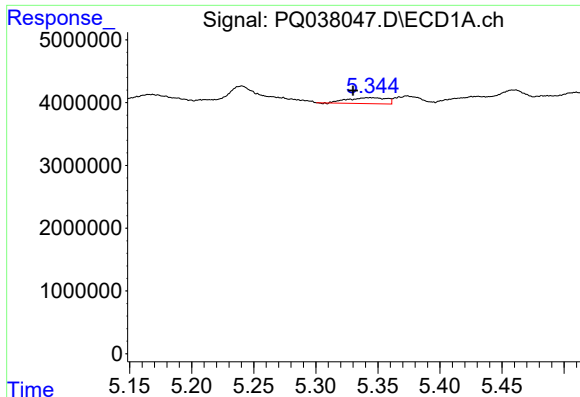
#2 Decachlorobiphenyl

R.T.: 9.596 min
Delta R.T.: -0.016 min
Response: 80548015
Conc: 16.71 ng/ml



#2 Decachlorobiphenyl

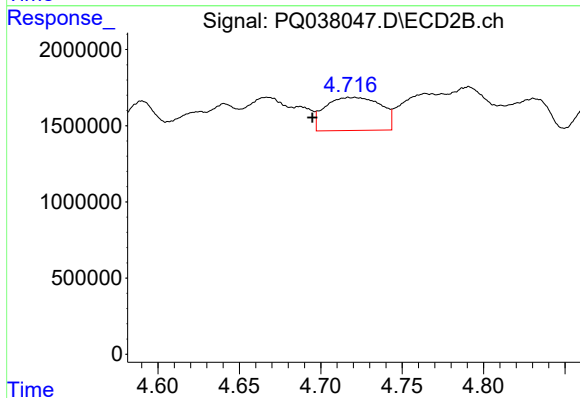
R.T.: 8.508 min
Delta R.T.: -0.006 min
Response: 30319204
Conc: 13.54 ng/ml



#3 AR-1016-1

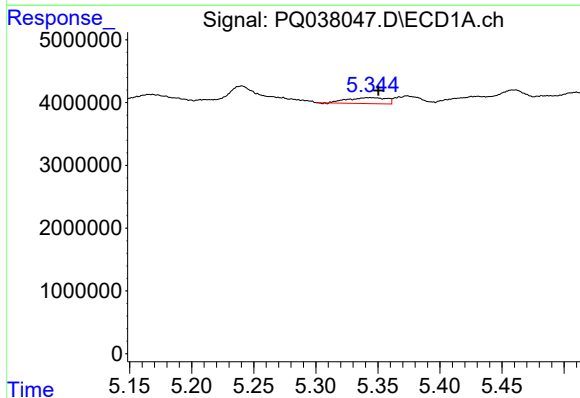
R.T.: 5.344 min
Delta R.T.: 0.014 min
Response: 2039608
Conc: 10.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



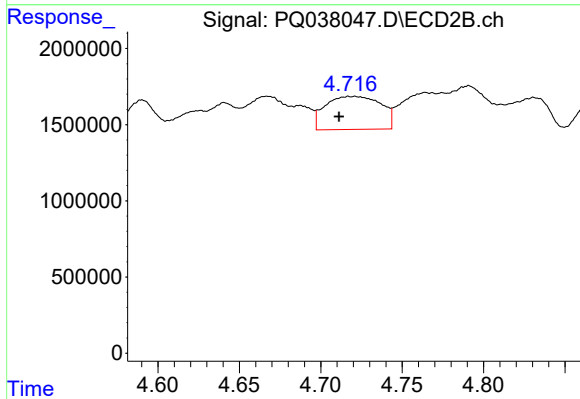
#3 AR-1016-1

R.T.: 4.720 min
Delta R.T.: 0.026 min
Response: 5151921
Conc: 45.79 ng/ml



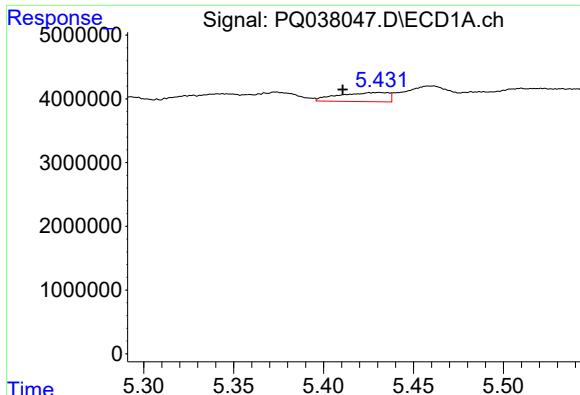
#4 AR-1016-2

R.T.: 5.344 min
Delta R.T.: -0.007 min
Response: 2039608
Conc: 6.50 ng/ml



#4 AR-1016-2

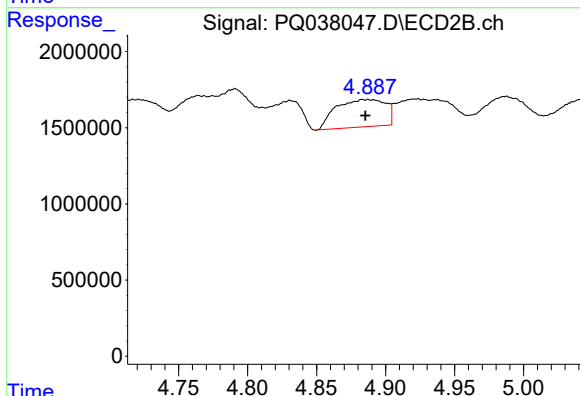
R.T.: 4.720 min
Delta R.T.: 0.009 min
Response: 5151921
Conc: 30.41 ng/ml



#5 AR-1016-3

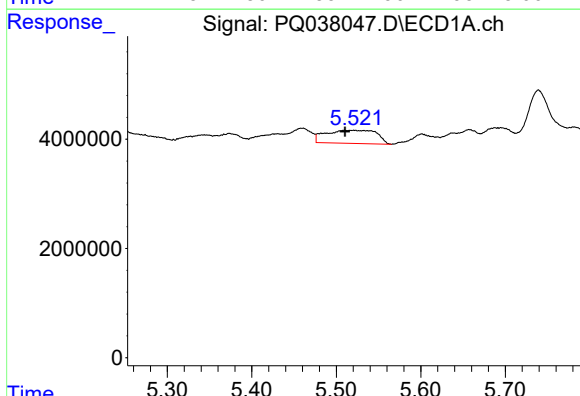
R.T.: 5.431 min
Delta R.T.: 0.020 min
Response: 2745957
Conc: 15.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



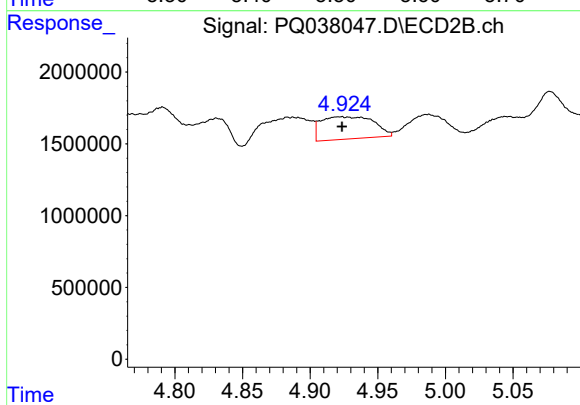
#5 AR-1016-3

R.T.: 4.887 min
Delta R.T.: 0.002 min
Response: 4491804
Conc: 52.11 ng/ml



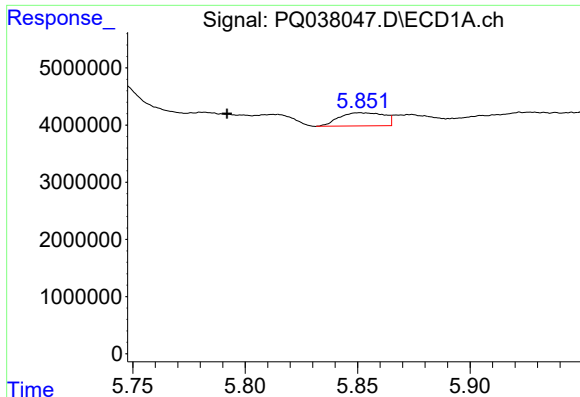
#6 AR-1016-4

R.T.: 5.510 min
Delta R.T.: 0.000 min
Response: 10078291
Conc: 67.37 ng/ml



#6 AR-1016-4

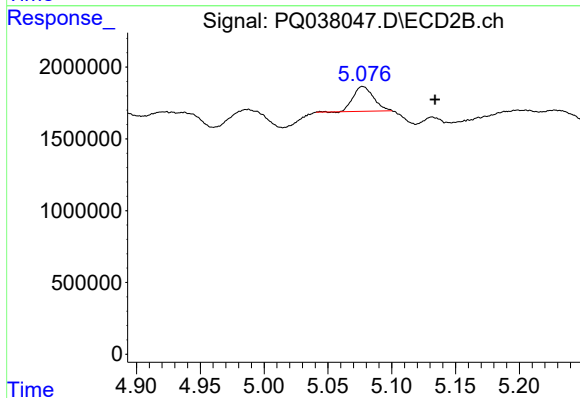
R.T.: 4.922 min
Delta R.T.: -0.001 min
Response: 4226590
Conc: 61.10 ng/ml



#7 AR-1016-5

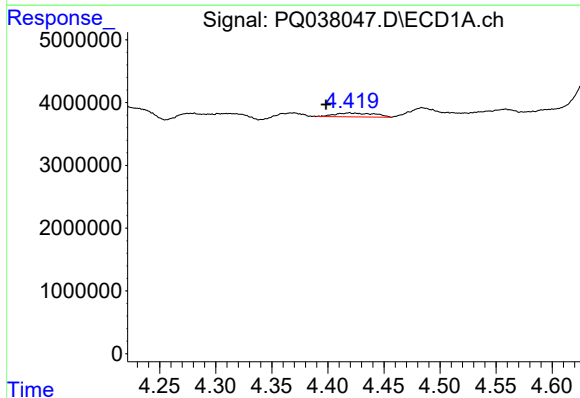
R.T.: 5.851 min
Delta R.T.: 0.059 min
Response: 3196907
Conc: 22.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



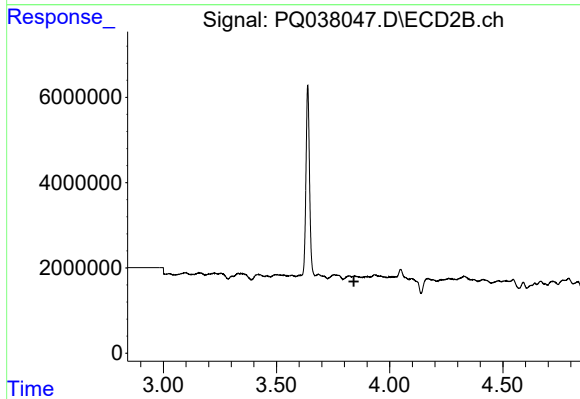
#7 AR-1016-5

R.T.: 5.078 min
Delta R.T.: -0.056 min
Response: 1945467
Conc: 22.32 ng/ml



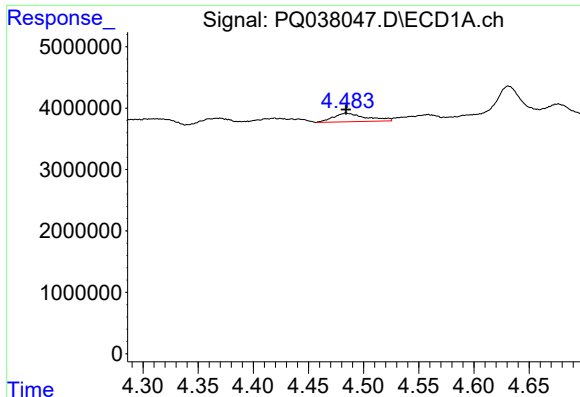
#8 AR-1221-1

R.T.: 4.419 min
Delta R.T.: 0.020 min
Response: 1535926
Conc: 24.21 ng/ml



#8 AR-1221-1

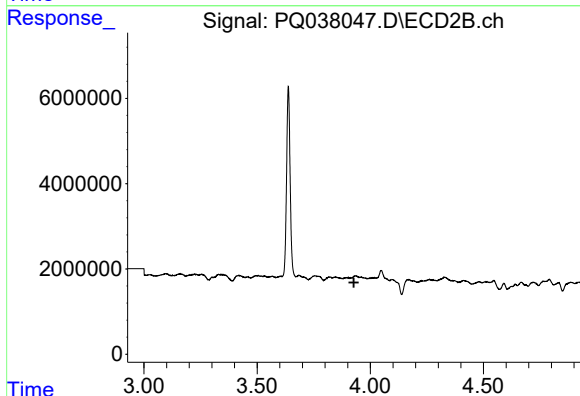
R.T.: 0.000 min
Exp R.T. : 3.842 min
Response: 0
Conc: N.D.



#9 AR-1221-2

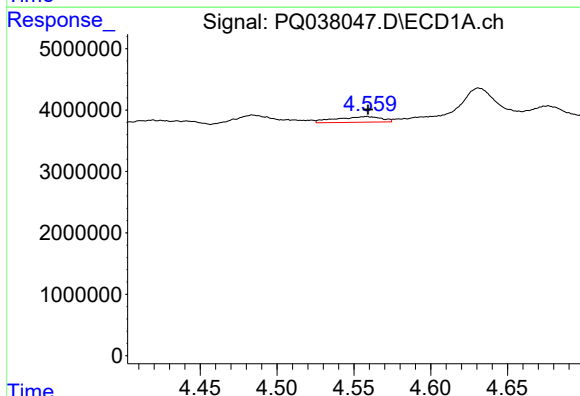
R.T.: 4.484 min
Delta R.T.: 0.000 min
Response: 2915995
Conc: 63.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



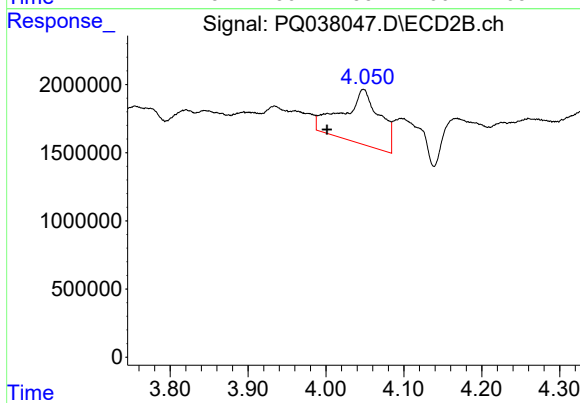
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.928 min
Response: 0
Conc: N.D.



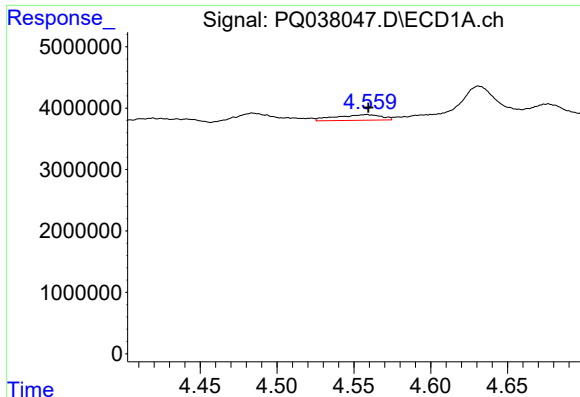
#10 AR-1221-3

R.T.: 4.558 min
Delta R.T.: 0.000 min
Response: 1894851
Conc: 12.40 ng/ml



#10 AR-1221-3

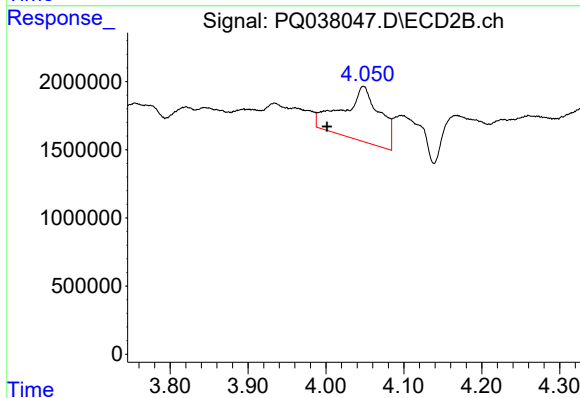
R.T.: 4.048 min
Delta R.T.: 0.047 min
Response: 13322048
Conc: 155.74 ng/ml



#11 AR-1232-1

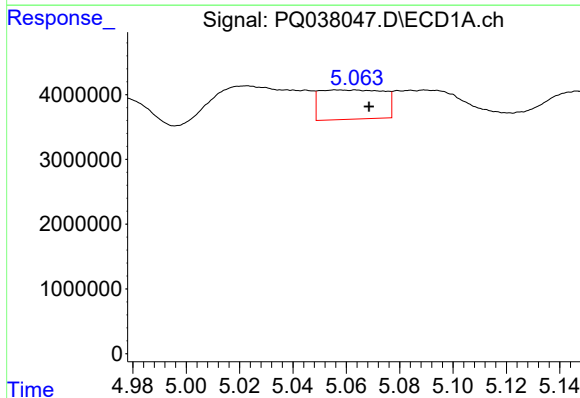
R.T.: 4.558 min
Delta R.T.: -0.001 min
Response: 1894851
Conc: 15.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



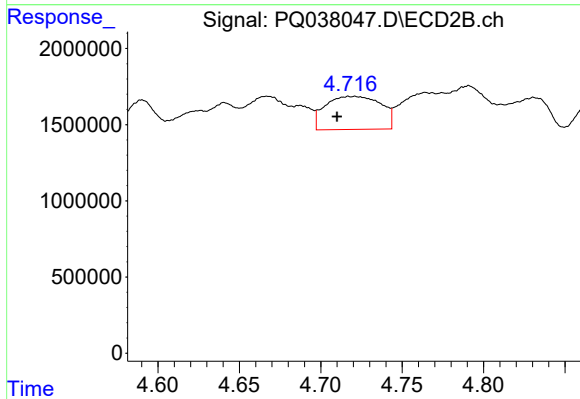
#11 AR-1232-1

R.T.: 4.048 min
Delta R.T.: 0.047 min
Response: 13322048
Conc: 198.73 ng/ml



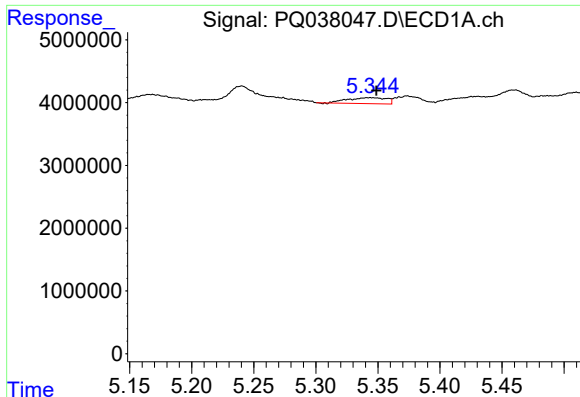
#12 AR-1232-2

R.T.: 5.063 min
Delta R.T.: -0.005 min
Response: 7511960
Conc: 127.57 ng/ml



#12 AR-1232-2

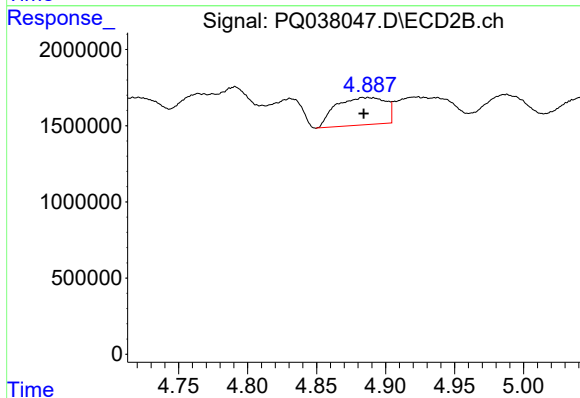
R.T.: 4.720 min
Delta R.T.: 0.010 min
Response: 5151921
Conc: 72.87 ng/ml



#13 AR-1232-3

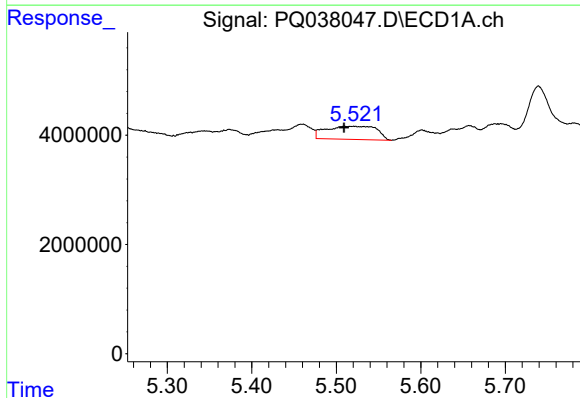
R.T.: 5.344 min
Delta R.T.: -0.005 min
Response: 2039608
Conc: 16.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



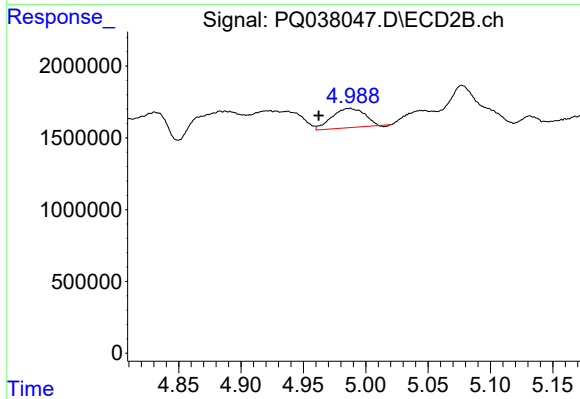
#13 AR-1232-3

R.T.: 4.887 min
Delta R.T.: 0.003 min
Response: 4491804
Conc: 134.36 ng/ml



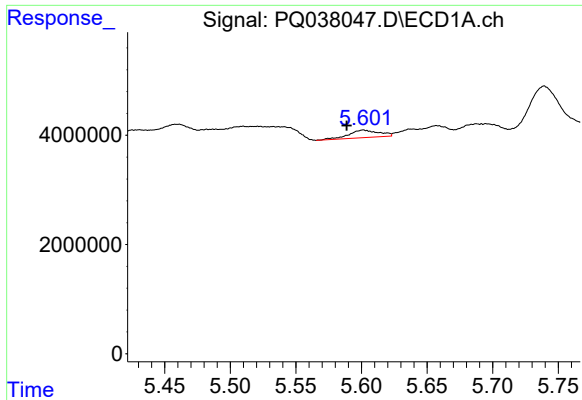
#14 AR-1232-4

R.T.: 5.510 min
Delta R.T.: 0.000 min
Response: 10078291
Conc: 173.04 ng/ml



#14 AR-1232-4

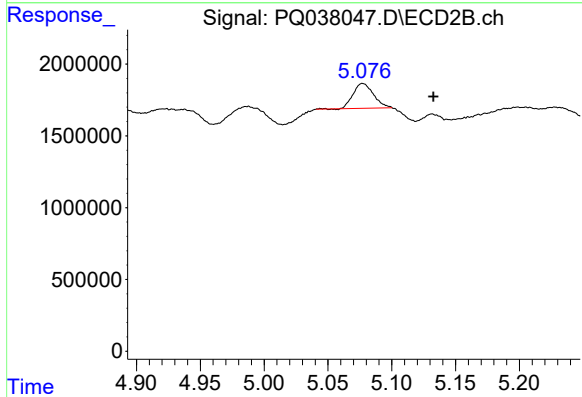
R.T.: 4.987 min
Delta R.T.: 0.025 min
Response: 2338170
Conc: 81.25 ng/ml



#15 AR-1232-5

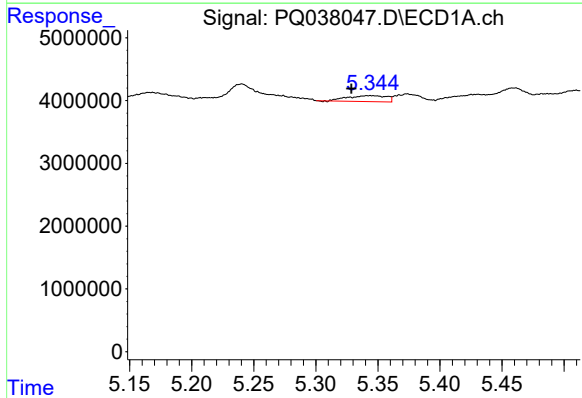
R.T.: 5.601 min
Delta R.T.: 0.013 min
Response: 2189171
Conc: 51.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



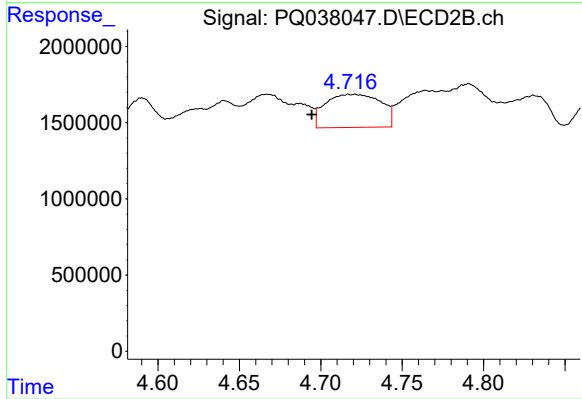
#15 AR-1232-5

R.T.: 5.078 min
Delta R.T.: -0.055 min
Response: 1945467
Conc: 61.37 ng/ml



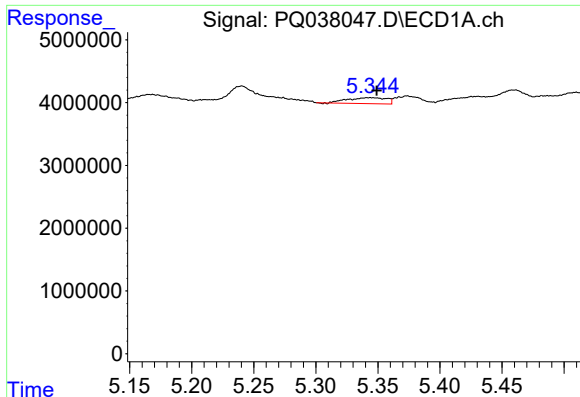
#16 AR-1242-1

R.T.: 5.344 min
Delta R.T.: 0.015 min
Response: 2039608
Conc: 12.41 ng/ml



#16 AR-1242-1

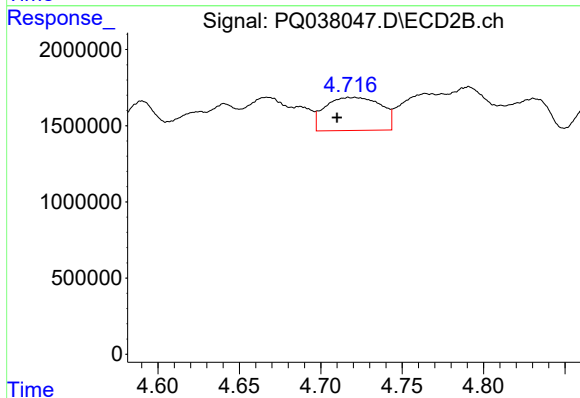
R.T.: 4.720 min
Delta R.T.: 0.026 min
Response: 5151921
Conc: 56.14 ng/ml



#17 AR-1242-2

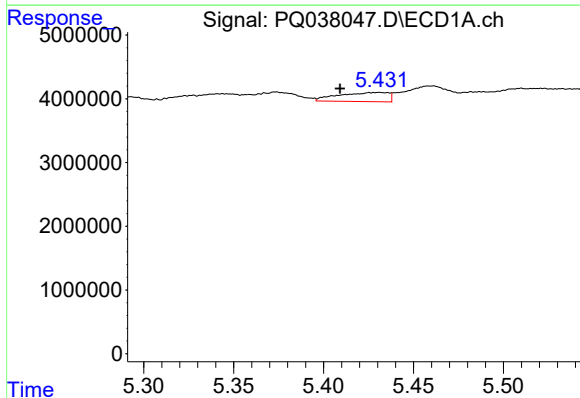
R.T.: 5.344 min
Delta R.T.: -0.005 min
Response: 2039608
Conc: 7.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



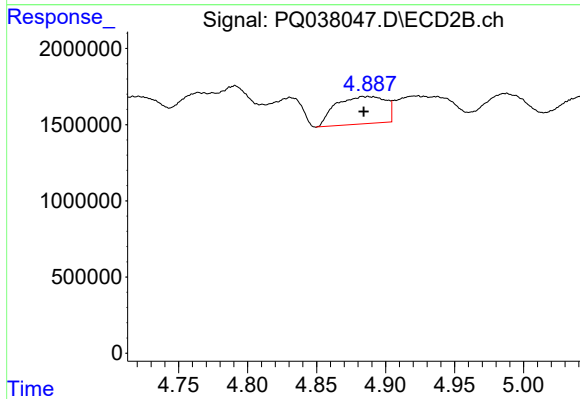
#17 AR-1242-2

R.T.: 4.720 min
Delta R.T.: 0.010 min
Response: 5151921
Conc: 36.87 ng/ml



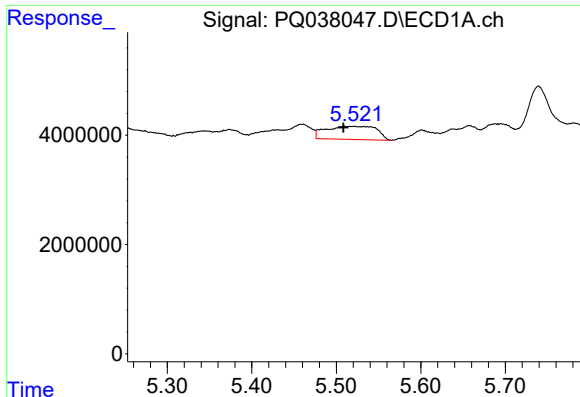
#18 AR-1242-3

R.T.: 5.431 min
Delta R.T.: 0.022 min
Response: 2745957
Conc: 18.62 ng/ml



#18 AR-1242-3

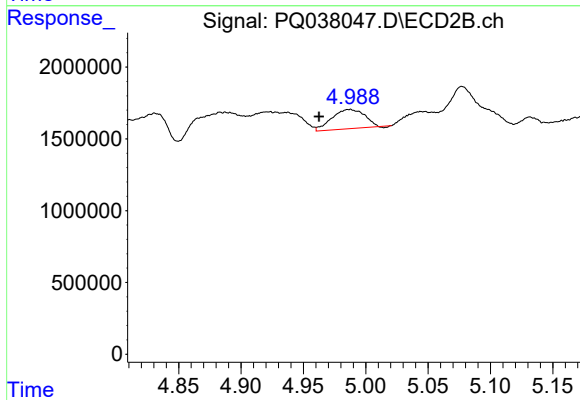
R.T.: 4.887 min
Delta R.T.: 0.003 min
Response: 4491804
Conc: 65.00 ng/ml



#19 AR-1242-4

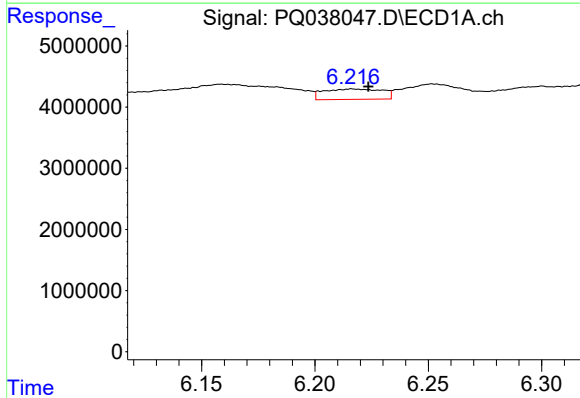
R.T.: 5.510 min
Delta R.T.: 0.002 min
Response: 10078291
Conc: 82.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



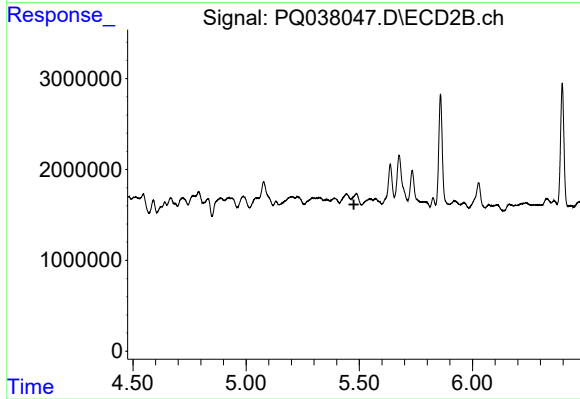
#19 AR-1242-4

R.T.: 4.987 min
Delta R.T.: 0.024 min
Response: 2338170
Conc: 36.63 ng/ml



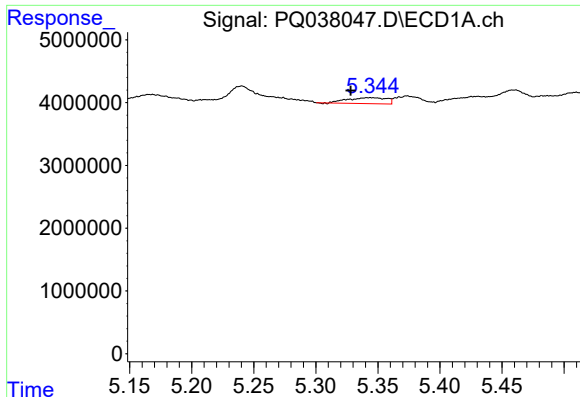
#20 AR-1242-5

R.T.: 6.216 min
Delta R.T.: -0.007 min
Response: 3046917
Conc: 22.30 ng/ml



#20 AR-1242-5

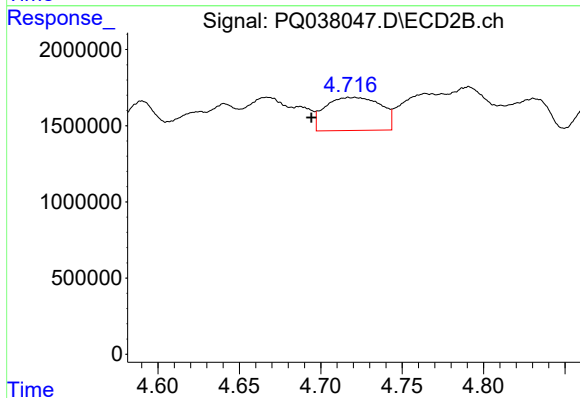
R.T.: 0.000 min
Exp R.T.: 5.476 min
Response: 0
Conc: N.D.



#21 AR-1248-1

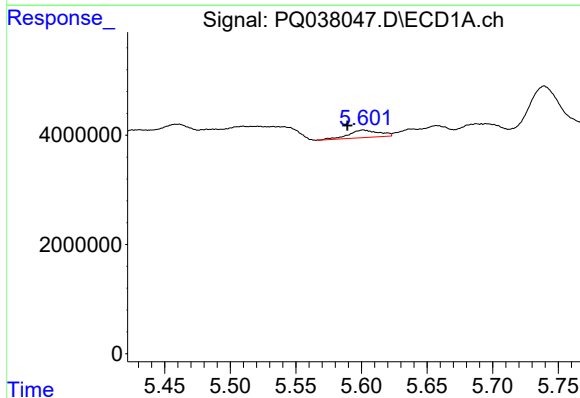
R.T.: 5.344 min
Delta R.T.: 0.015 min
Response: 2039608
Conc: 12.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



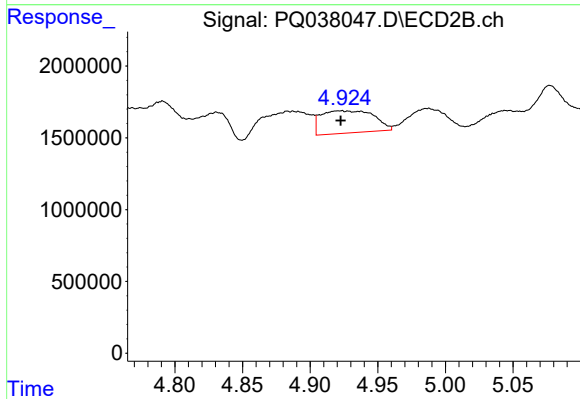
#21 AR-1248-1

R.T.: 4.720 min
Delta R.T.: 0.026 min
Response: 5151921
Conc: 55.86 ng/ml



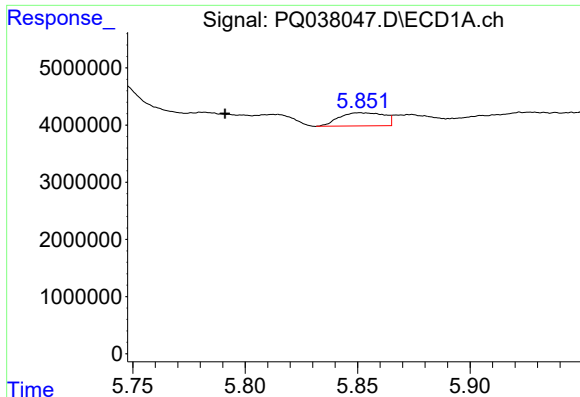
#22 AR-1248-2

R.T.: 5.601 min
Delta R.T.: 0.012 min
Response: 2189171
Conc: 10.00 ng/ml



#22 AR-1248-2

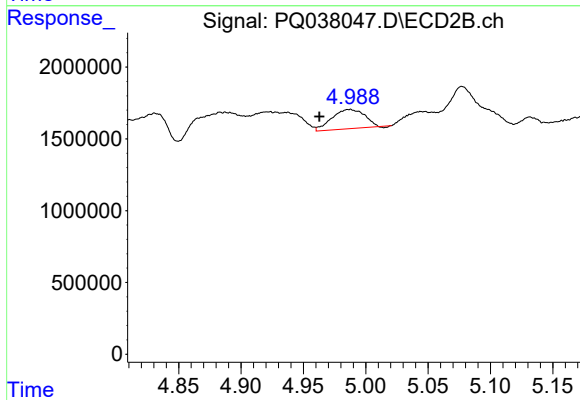
R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 4226590
Conc: 35.29 ng/ml



#23 AR-1248-3

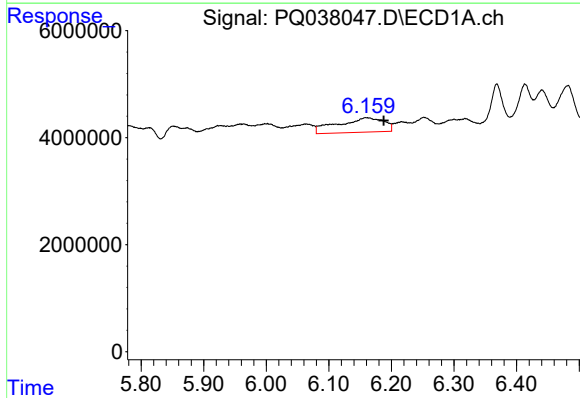
R.T.: 5.851 min
Delta R.T.: 0.060 min
Response: 3196907
Conc: 13.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



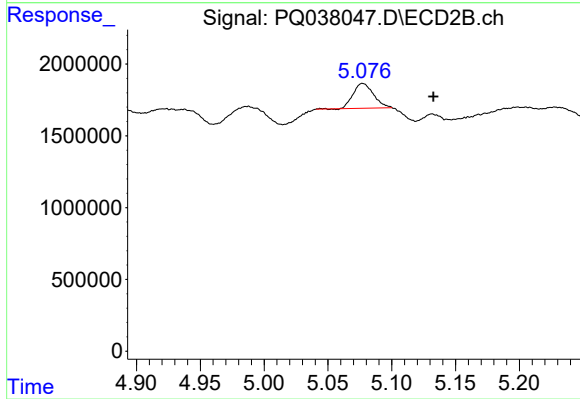
#23 AR-1248-3

R.T.: 4.987 min
Delta R.T.: 0.024 min
Response: 2338170
Conc: 19.27 ng/ml



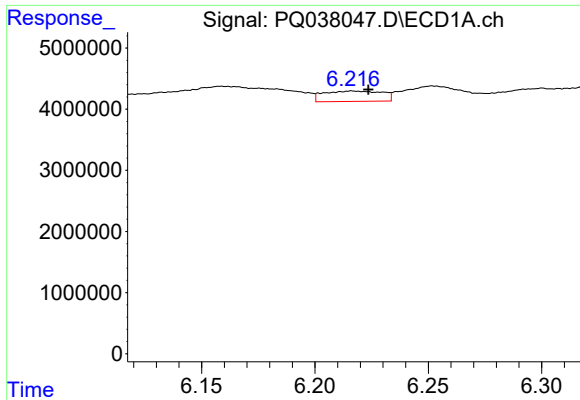
#24 AR-1248-4

R.T.: 6.159 min
Delta R.T.: -0.028 min
Response: 13857376
Conc: 49.54 ng/ml



#24 AR-1248-4

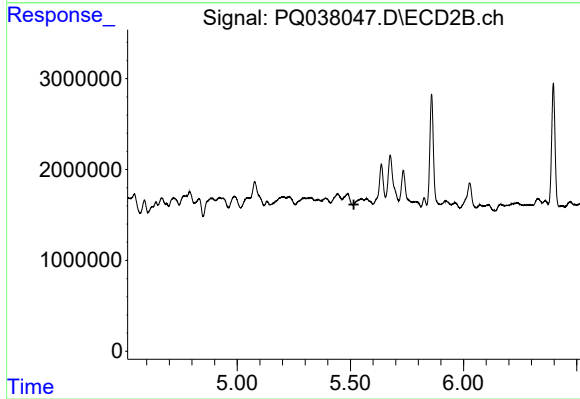
R.T.: 5.078 min
Delta R.T.: -0.055 min
Response: 1945467
Conc: 13.08 ng/ml



#25 AR-1248-5

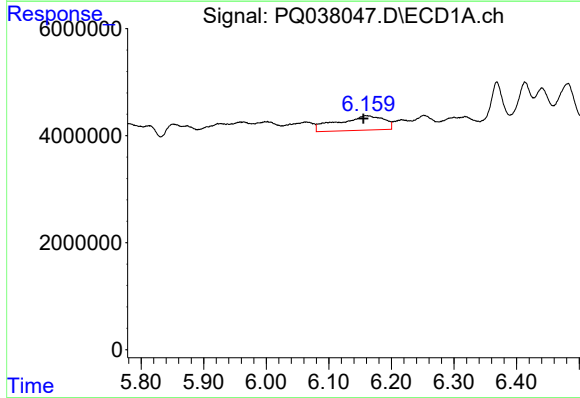
R.T.: 6.216 min
Delta R.T.: -0.007 min
Response: 3046917
Conc: 11.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



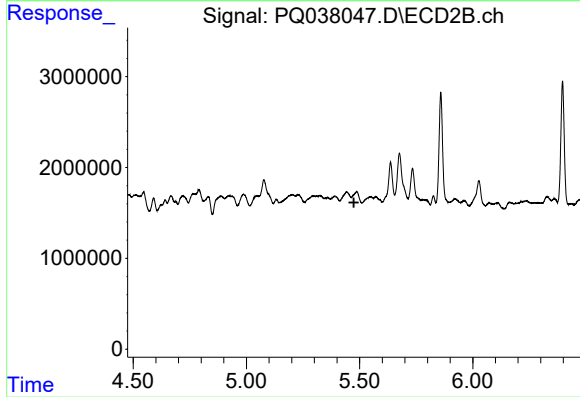
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.515 min
Response: 0
Conc: N.D.



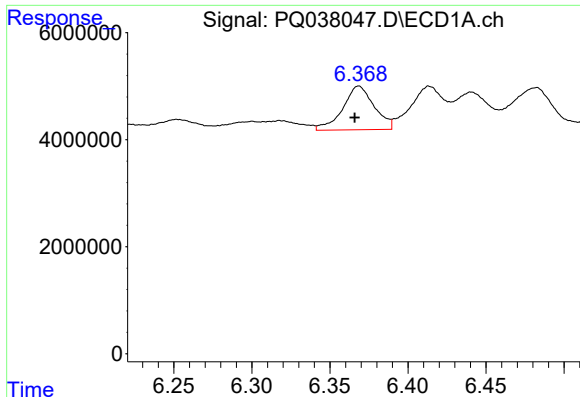
#26 AR-1254-1

R.T.: 6.159 min
Delta R.T.: 0.004 min
Response: 13857376
Conc: 70.54 ng/ml



#26 AR-1254-1

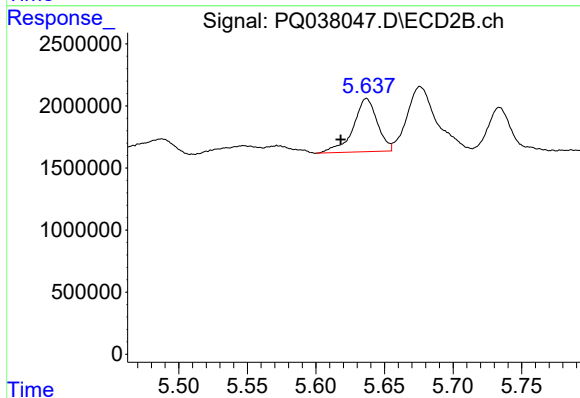
R.T.: 0.000 min
Exp R.T. : 5.475 min
Response: 0
Conc: N.D.



#27 AR-1254-2

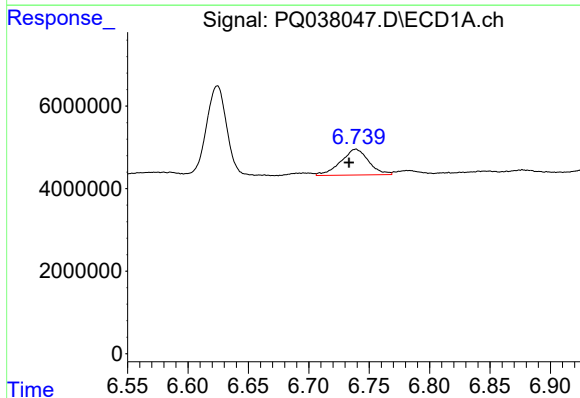
R.T.: 6.368 min
Delta R.T.: 0.002 min
Response: 11449510
Conc: 37.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



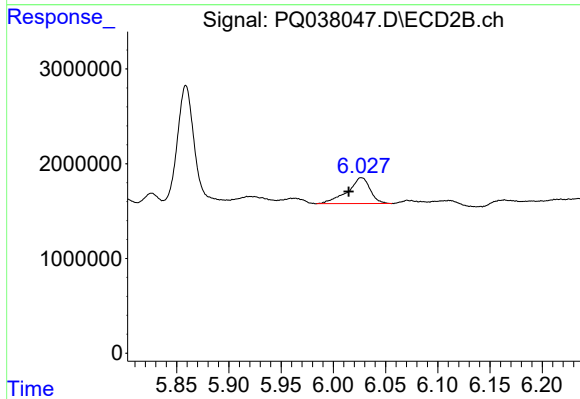
#27 AR-1254-2

R.T.: 5.637 min
Delta R.T.: 0.019 min
Response: 5261842
Conc: 40.55 ng/ml



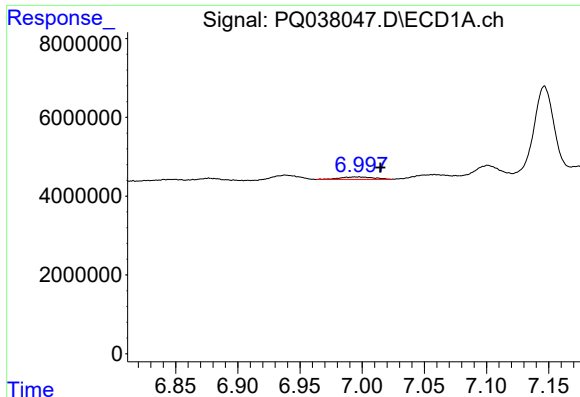
#28 AR-1254-3

R.T.: 6.739 min
Delta R.T.: 0.005 min
Response: 10127862
Conc: 32.52 ng/ml



#28 AR-1254-3

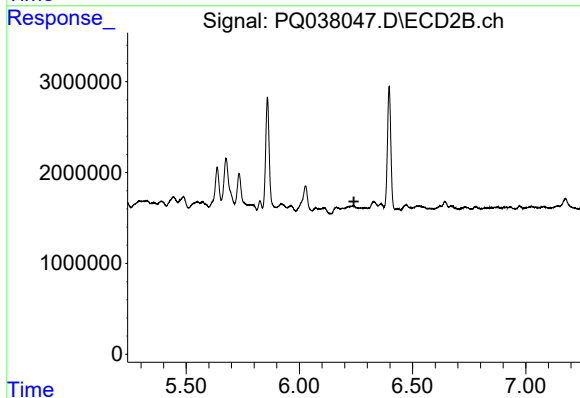
R.T.: 6.027 min
Delta R.T.: 0.012 min
Response: 4130205
Conc: 19.53 ng/ml



#29 AR-1254-4

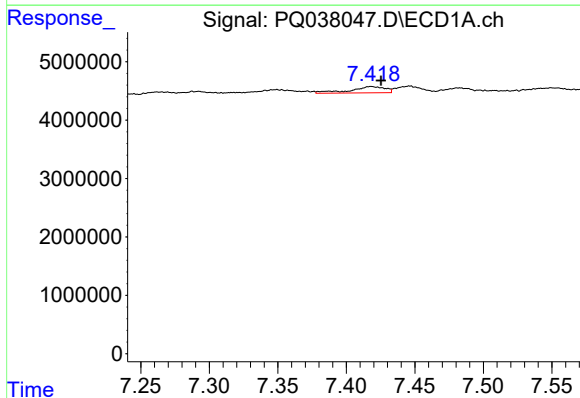
R.T.: 6.997 min
Delta R.T.: -0.018 min
Response: 1186419
Conc: 4.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



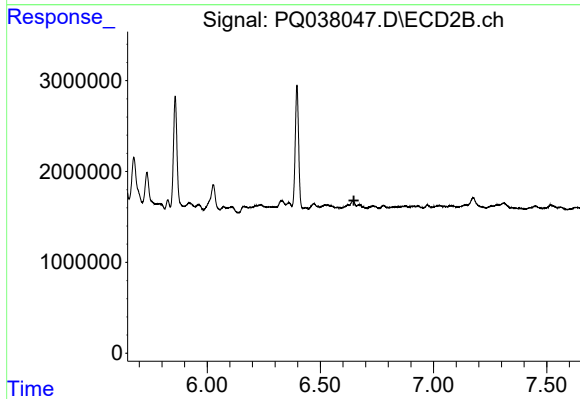
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.241 min
Response: 0
Conc: N.D.



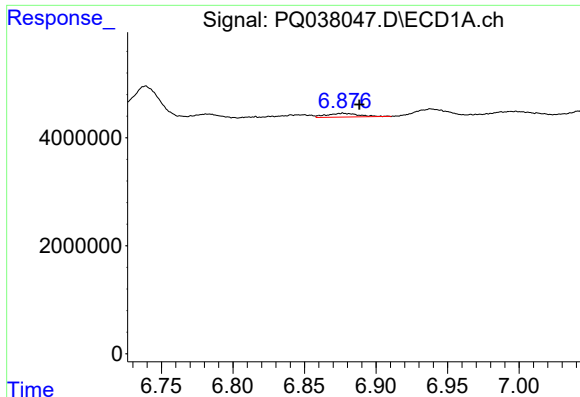
#30 AR-1254-5

R.T.: 7.418 min
Delta R.T.: -0.007 min
Response: 1884758
Conc: 6.39 ng/ml



#30 AR-1254-5

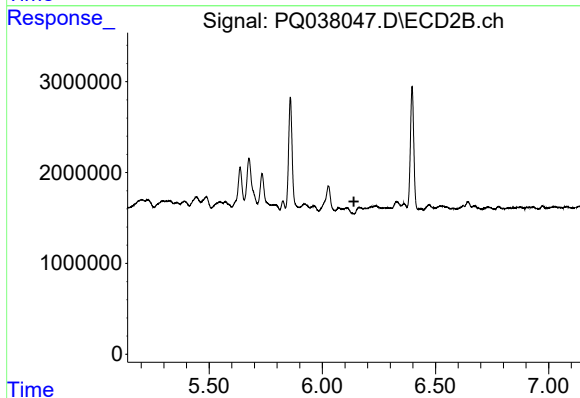
R.T.: 0.000 min
Exp R.T. : 6.648 min
Response: 0
Conc: N.D.



#31 AR-1260-1

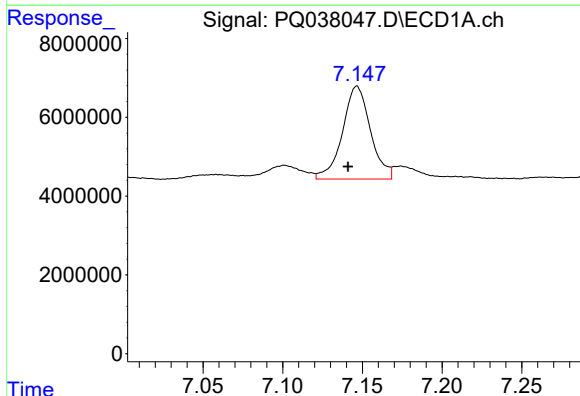
R.T.: 6.877 min
Delta R.T.: -0.012 min
Response: 1094023
Conc: 4.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



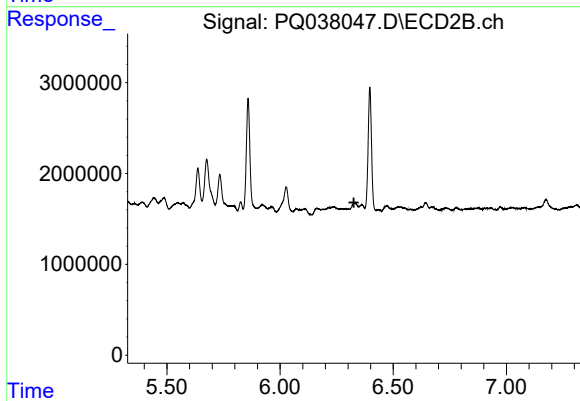
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.139 min
Response: 0
Conc: N.D.



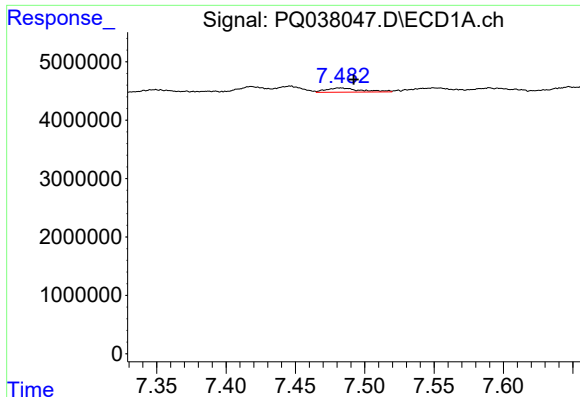
#32 AR-1260-2

R.T.: 7.147 min
Delta R.T.: 0.005 min
Response: 28856429
Conc: 83.72 ng/ml



#32 AR-1260-2

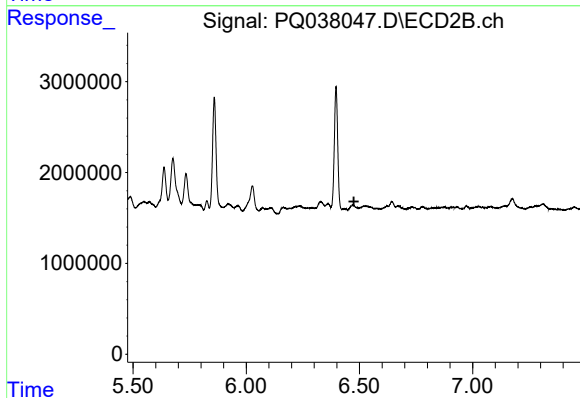
R.T.: 0.000 min
Exp R.T. : 6.326 min
Response: 0
Conc: N.D.



#33 AR-1260-3

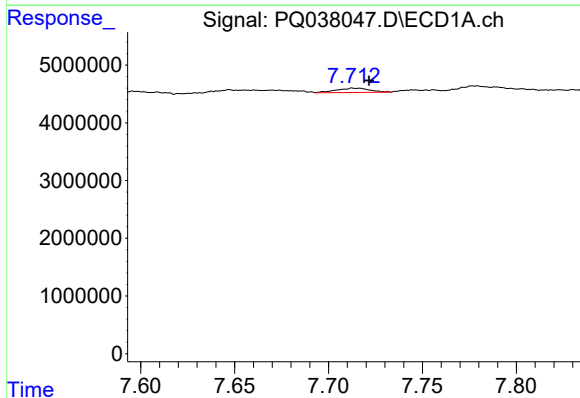
R.T.: 7.482 min
Delta R.T.: -0.010 min
Response: 1277079
Conc: 4.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



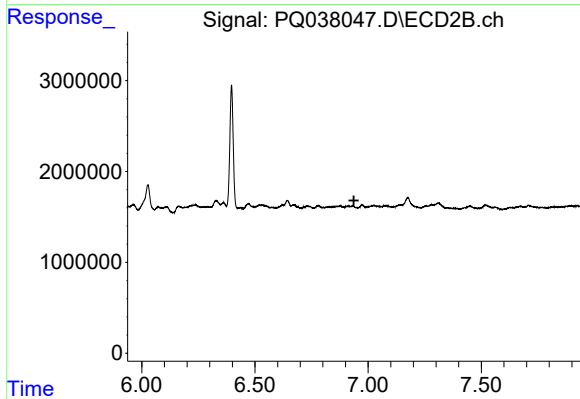
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.475 min
Response: 0
Conc: N.D.



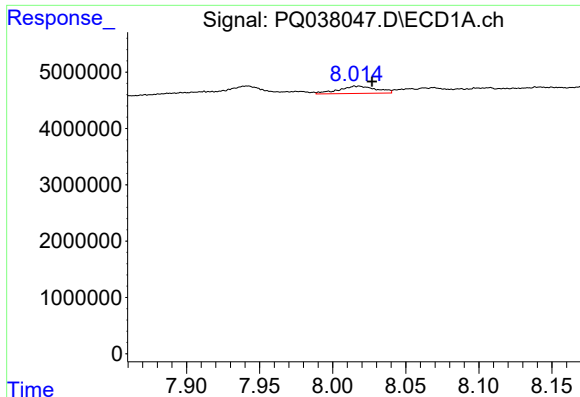
#34 AR-1260-4

R.T.: 7.714 min
Delta R.T.: -0.008 min
Response: 917234
Conc: 3.41 ng/ml



#34 AR-1260-4

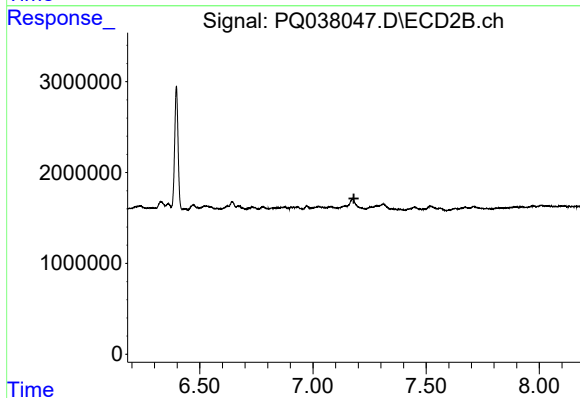
R.T.: 0.000 min
Exp R.T. : 6.937 min
Response: 0
Conc: N.D.



#35 AR-1260-5

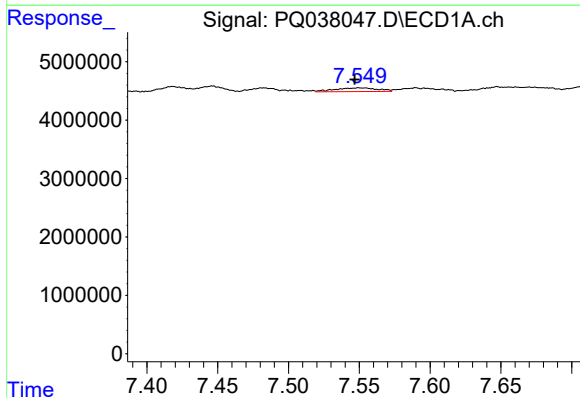
R.T.: 8.018 min
Delta R.T.: -0.009 min
Response: 2343763
Conc: 3.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



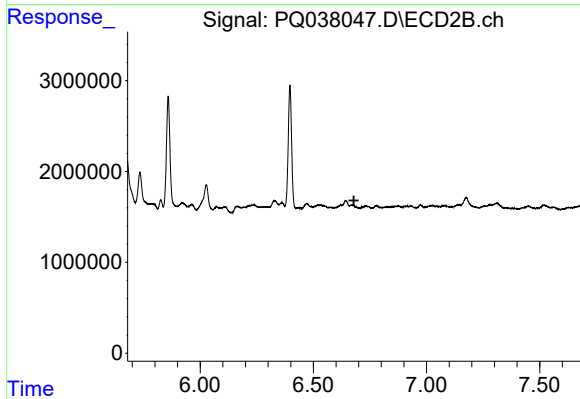
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.181 min
Response: 0
Conc: N.D.



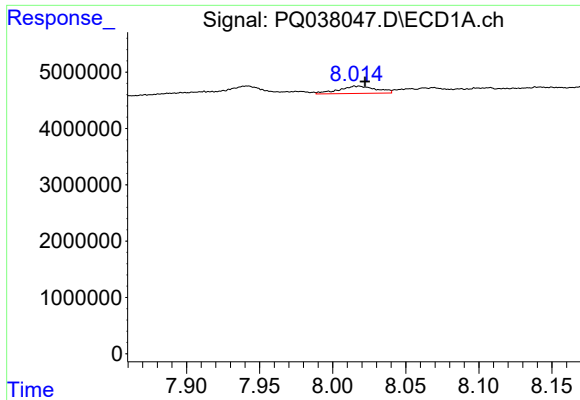
#36 AR-1262-1

R.T.: 7.550 min
Delta R.T.: 0.003 min
Response: 1340579
Conc: 8.68 ng/ml



#36 AR-1262-1

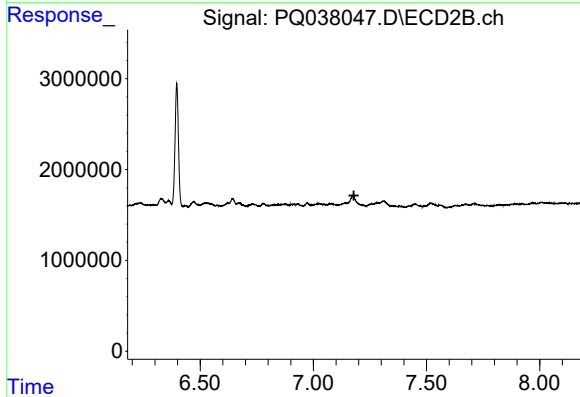
R.T.: 0.000 min
Exp R.T. : 6.679 min
Response: 0
Conc: N.D.



#37 AR-1262-2

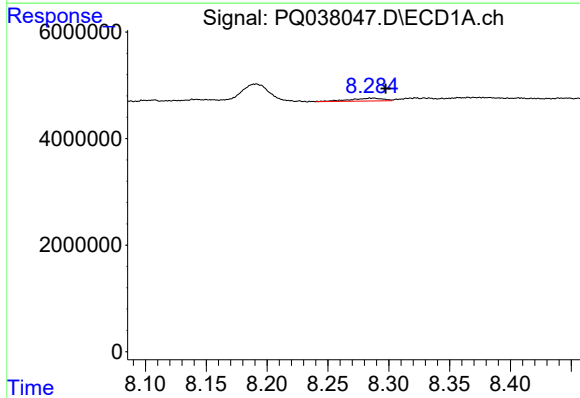
R.T.: 8.018 min
Delta R.T.: -0.004 min
Response: 2343763
Conc: 3.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



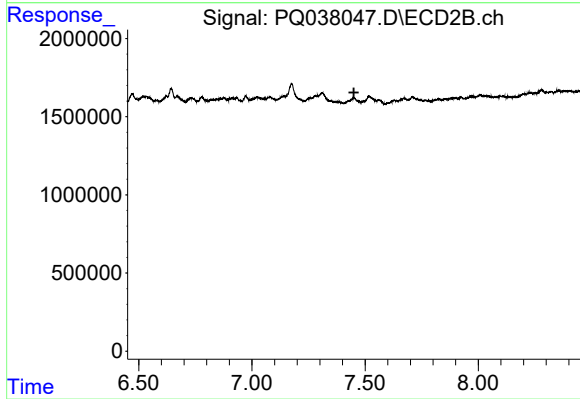
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.179 min
Response: 0
Conc: N.D.



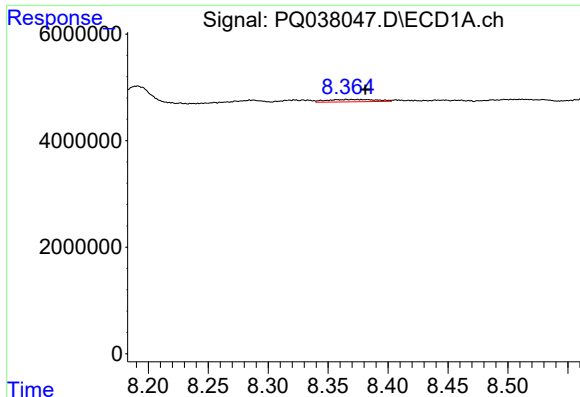
#38 AR-1262-3

R.T.: 8.287 min
Delta R.T.: -0.011 min
Response: 1026222
Conc: 3.42 ng/ml



#38 AR-1262-3

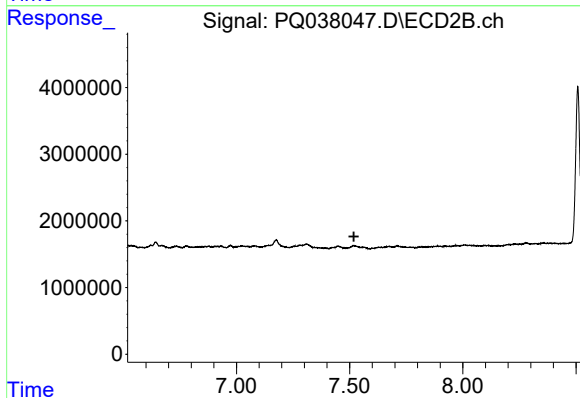
R.T.: 0.000 min
Exp R.T. : 7.450 min
Response: 0
Conc: N.D.



#39 AR-1262-4

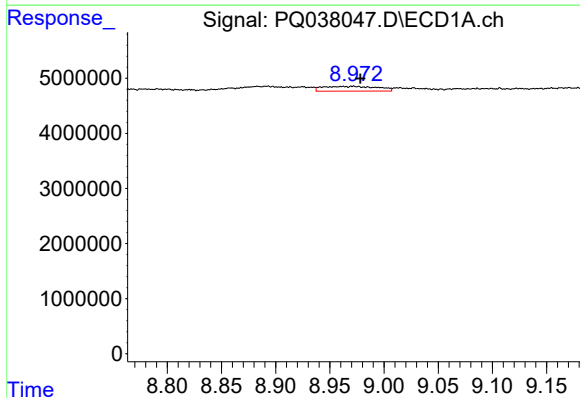
R.T.: 8.365 min
Delta R.T.: -0.016 min
Response: 1256992
Conc: 3.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



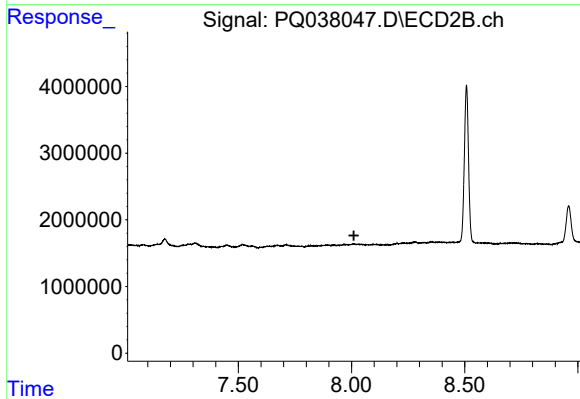
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.519 min
Response: 0
Conc: N.D.



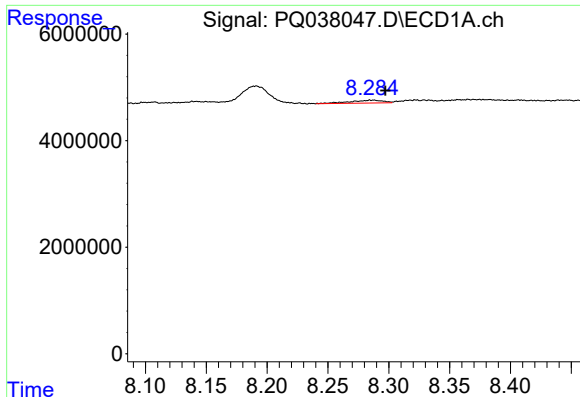
#40 AR-1262-5

R.T.: 8.962 min
Delta R.T.: -0.016 min
Response: 3065185
Conc: 12.83 ng/ml



#40 AR-1262-5

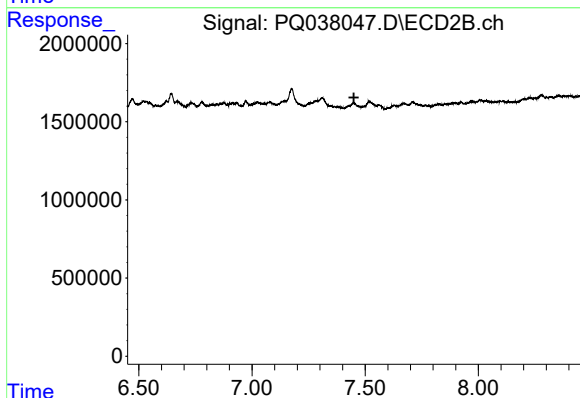
R.T.: 0.000 min
Exp R.T. : 8.011 min
Response: 0
Conc: N.D.



#41 AR-1268-1

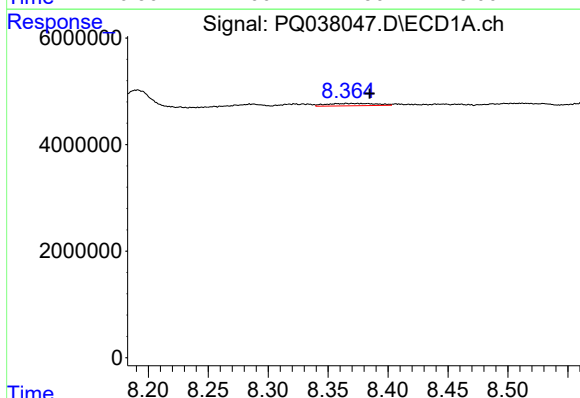
R.T.: 8.287 min
Delta R.T.: -0.010 min
Response: 1026222
Conc: 1.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



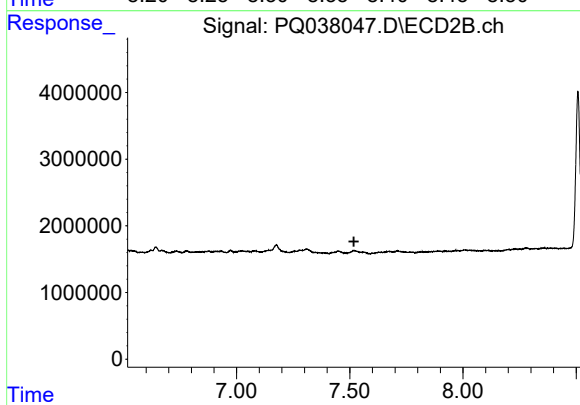
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.450 min
Response: 0
Conc: N.D.



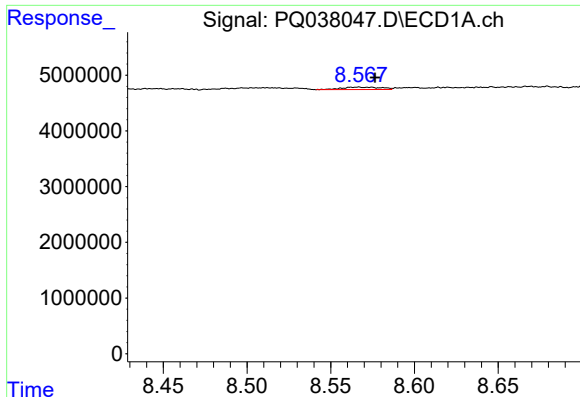
#42 AR-1268-2

R.T.: 8.365 min
Delta R.T.: -0.019 min
Response: 1256992
Conc: 1.68 ng/ml



#42 AR-1268-2

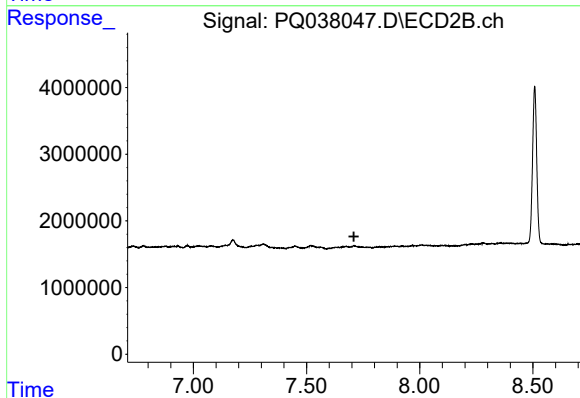
R.T.: 0.000 min
Exp R.T. : 7.518 min
Response: 0
Conc: N.D.



#43 AR-1268-3

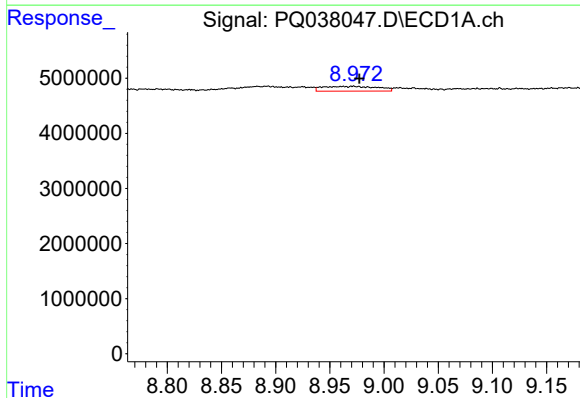
R.T.: 8.567 min
Delta R.T.: -0.010 min
Response: 697206
Conc: 1.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



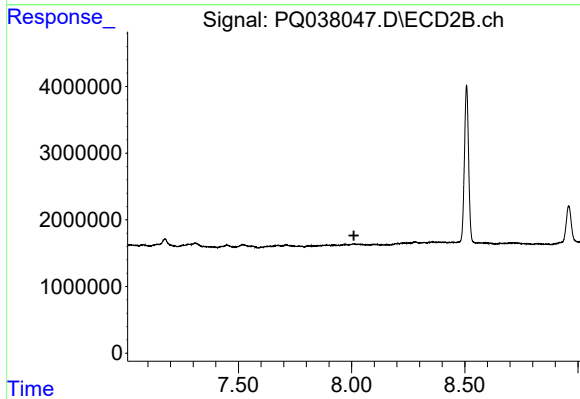
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.709 min
Response: 0
Conc: N.D.



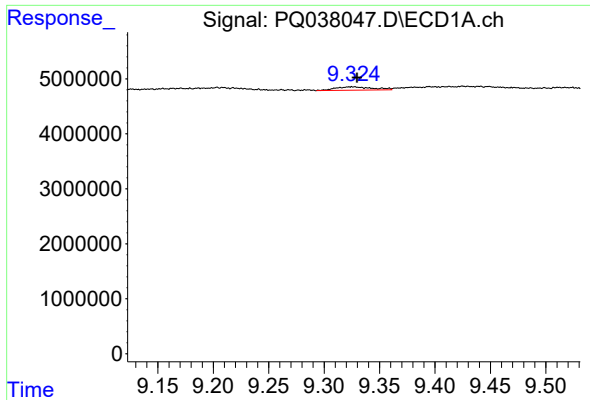
#44 AR-1268-4

R.T.: 8.962 min
Delta R.T.: -0.015 min
Response: 3065185
Conc: 11.84 ng/ml



#44 AR-1268-4

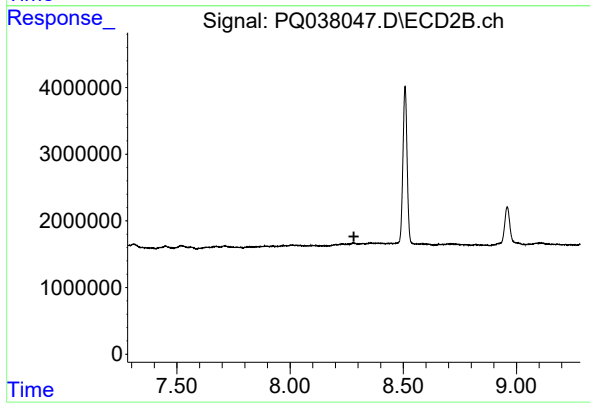
R.T.: 0.000 min
Exp R.T. : 8.010 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.326 min
Delta R.T.: -0.003 min
Response: 1440355
Conc: 0.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.282 min
Response: 0
Conc: N.D.