

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031919\
 Data File : PQ037989.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Mar 2019 10:06
 Operator : SM\SJ
 Sample : K1687-01RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 HR-06-031119-A

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 00:47:06 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Mar 19 04:23:19 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...	4.197	3.647	68064866	38180260	18.150	19.762
2)	SA Decachlor...	9.616	8.515	75645959	31218672	12.778	10.873
Target Compounds							
3)	L1 AR-1016-1	5.358	4.676	871297	2629737	5.969	31.817 #
4)	L1 AR-1016-2	5.358	4.728	871297	5339563	3.784	41.142 #
5)	L1 AR-1016-3	5.440	4.896	2432087	7632244	17.819	113.350 #
6)	L1 AR-1016-4	5.529	4.896	6630778	7632244	58.062	139.132 #
7)	L1 AR-1016-5	5.799	0.000	12045927	0	105.573	N.D. #
8)	L2 AR-1221-1	4.430	0.000	716931	0	18.159	N.D. #
9)	L2 AR-1221-2	4.498	0.000	1781205	0	58.224	N.D. #
10)	L2 AR-1221-3	4.565	0.000	624642	0	6.058	N.D. #
11)	L3 AR-1232-1	4.565	0.000	624642	0	7.486	N.D. #
12)	L3 AR-1232-2	5.094	4.728	21822502	5339563	461.272	98.173 #
13)	L3 AR-1232-3	5.358	4.896	871297	7632244	9.092	274.911 #
14)	L3 AR-1232-4	5.529	0.000	6630778	0	135.543	N.D. #
15)	L3 AR-1232-5	5.614	0.000	3566659	0	100.238	N.D. #
16)	L4 AR-1242-1	5.358	4.676	871297	2629737	7.391	38.302 #
17)	L4 AR-1242-2	5.358	4.728	871297	5339563	4.942	50.632 #
18)	L4 AR-1242-3	5.395	4.896	2315894	7632244	20.958	139.597 #
19)	L4 AR-1242-4	5.529	0.000	6630778	0	72.634	N.D. #
20)	L4 AR-1242-5	6.230	0.000	1361041	0	12.263	N.D. #
21)	L5 AR-1248-1	5.358	4.676	871297	2629737	7.095	36.485 #
22)	L5 AR-1248-2	5.614	4.896	3566659	7632244	19.885	76.551 #
23)	L5 AR-1248-3	5.799	0.000	12045927	0	57.808	N.D. #
24)	L5 AR-1248-4	6.175	0.000	5585404	0	22.360	N.D. #
25)	L5 AR-1248-5	6.230	0.000	1361041	0	5.688	N.D. #
26)	L6 AR-1254-1	6.175	0.000	5585404	0	37.924	N.D. #
27)	L6 AR-1254-2	6.389	5.685	4467520	7838649	18.447	72.955 #
28)	L6 AR-1254-3	6.737	0.000	5115228	0	19.091	N.D. #
29)	L6 AR-1254-4	6.999	0.000	1740706	0	7.664	N.D. #
30)	L6 AR-1254-5	7.431	0.000	2279841	0	8.257	N.D. #
31)	L7 AR-1260-1	6.861	0.000	995026	0	4.143	N.D. #
32)	L7 AR-1260-2	7.138	6.369	2919462	637374	8.835	3.296 #
33)	L7 AR-1260-3	7.498	0.000	1490776	0	5.168	N.D. #
34)	L7 AR-1260-4	7.726	0.000	1024607	0	3.666	N.D. #
35)	L7 AR-1260-5	8.028	0.000	1725863	0	2.535	N.D. #
36)	L8 AR-1262-1	7.558	0.000	1368243	0	8.262	N.D. #
37)	L8 AR-1262-2	8.028	0.000	1725863	0	2.207	N.D. #
38)	L8 AR-1262-3	8.312	0.000	2833984	0	8.107	N.D. #
39)	L8 AR-1262-4	8.378	0.000	1596077	0	3.935	N.D. #
41)	L9 AR-1268-1	8.312	0.000	2833984	0	3.022	N.D. #
42)	L9 AR-1268-2	8.378	0.000	1596077	0	1.858	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031919\
Data File : PQ037989.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Mar 2019 10:06
Operator : SM\SJ
Sample : K1687-01RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

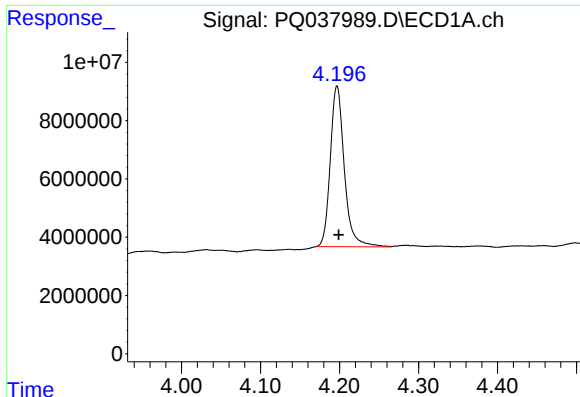
Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-A

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 20 00:47:06 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031819.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 19 04:23:19 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
43)	L9 AR-1268-3	8.582	0.000	2149582	0	2.844	N.D. #
45)	L9 AR-1268-5	9.344	0.000	2935891	0	1.352	N.D. #

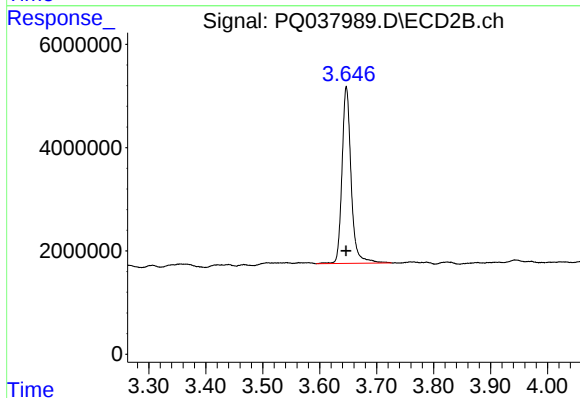
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

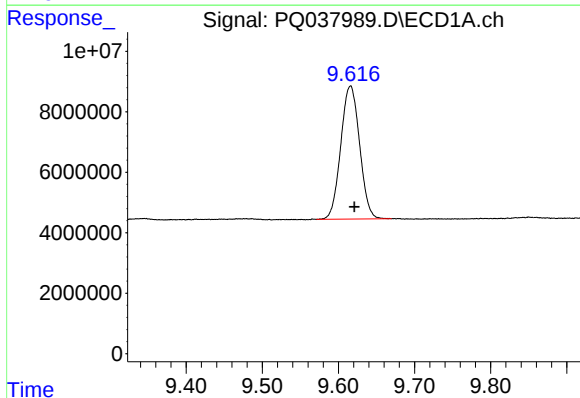
R.T.: 4.197 min
Delta R.T.: -0.002 min
Response: 68064866
Conc: 18.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-A



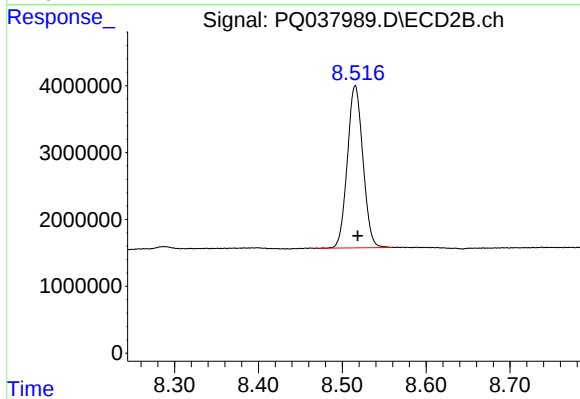
#1 Tetrachloro-m-xylene

R.T.: 3.647 min
Delta R.T.: 0.000 min
Response: 38180260
Conc: 19.76 ng/ml



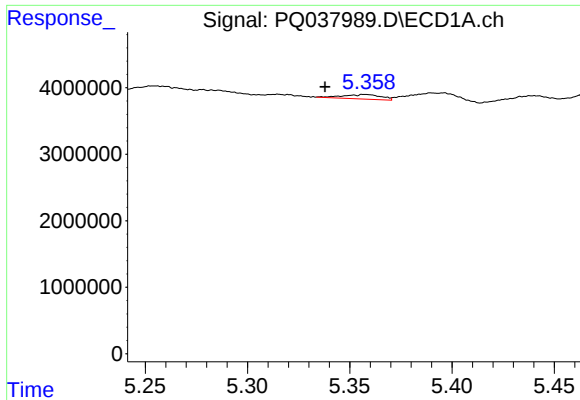
#2 Decachlorobiphenyl

R.T.: 9.616 min
Delta R.T.: -0.005 min
Response: 75645959
Conc: 12.78 ng/ml



#2 Decachlorobiphenyl

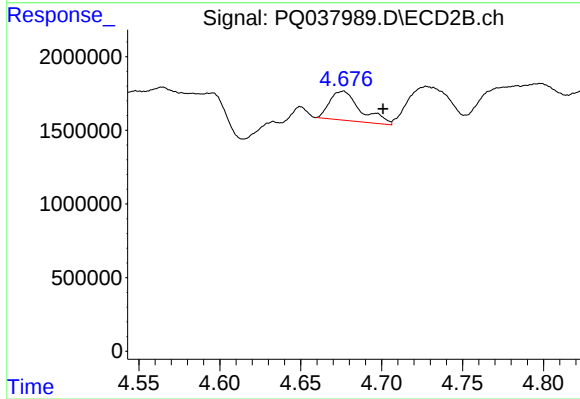
R.T.: 8.515 min
Delta R.T.: -0.003 min
Response: 31218672
Conc: 10.87 ng/ml



#3 AR-1016-1

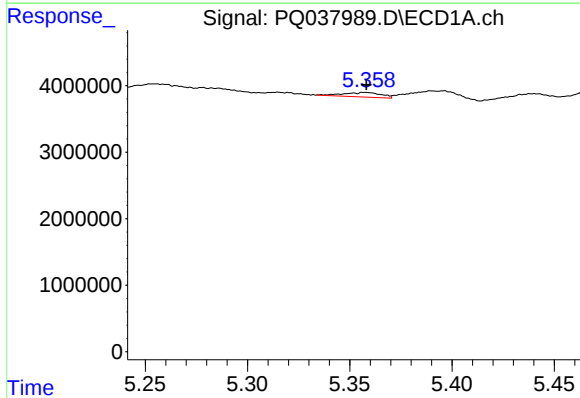
R.T.: 5.358 min
Delta R.T.: 0.020 min
Response: 871297
Conc: 5.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-A



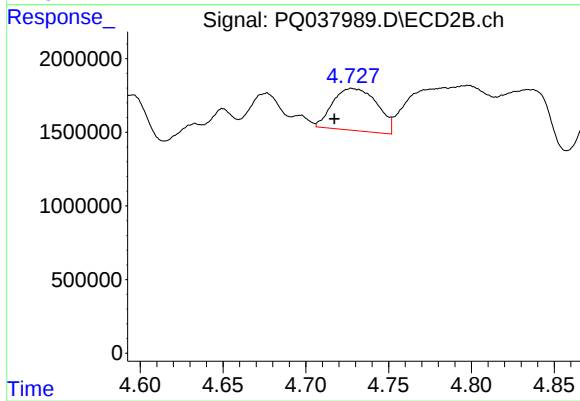
#3 AR-1016-1

R.T.: 4.676 min
Delta R.T.: -0.025 min
Response: 2629737
Conc: 31.82 ng/ml



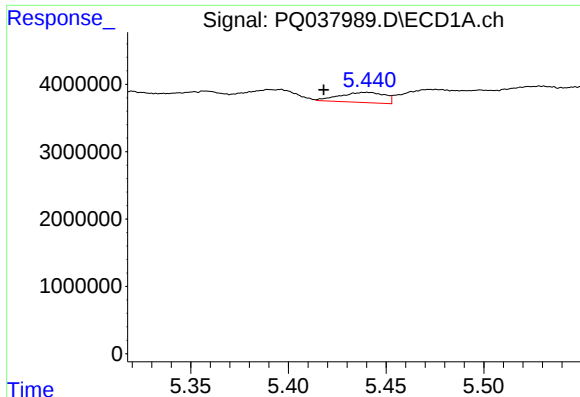
#4 AR-1016-2

R.T.: 5.358 min
Delta R.T.: 0.000 min
Response: 871297
Conc: 3.78 ng/ml



#4 AR-1016-2

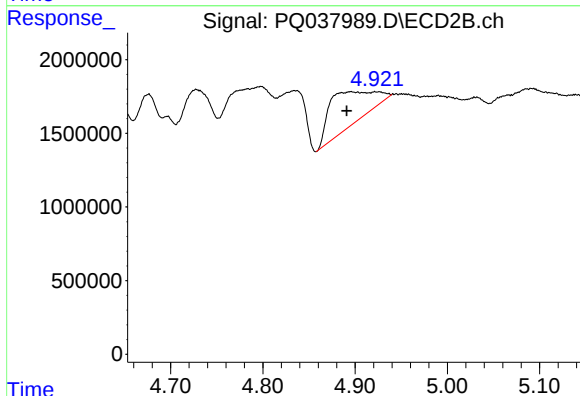
R.T.: 4.728 min
Delta R.T.: 0.011 min
Response: 5339563
Conc: 41.14 ng/ml



#5 AR-1016-3

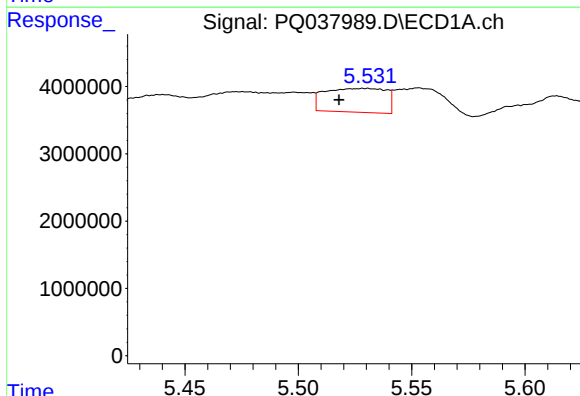
R.T.: 5.440 min
Delta R.T.: 0.022 min
Response: 2432087
Conc: 17.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-A



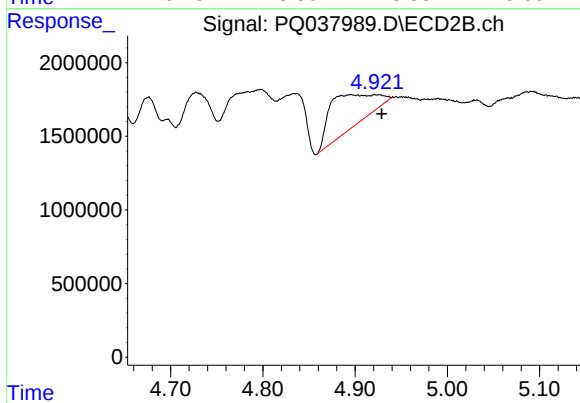
#5 AR-1016-3

R.T.: 4.896 min
Delta R.T.: 0.005 min
Response: 7632244
Conc: 113.35 ng/ml



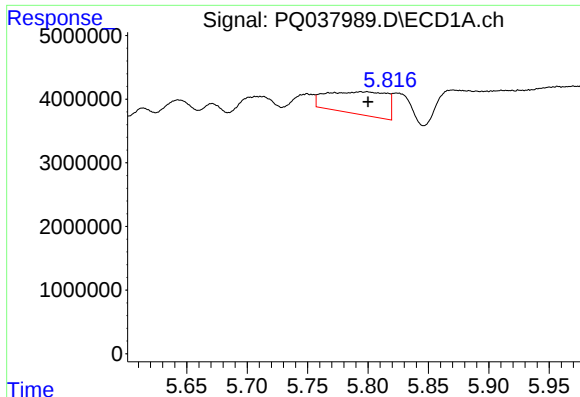
#6 AR-1016-4

R.T.: 5.529 min
Delta R.T.: 0.011 min
Response: 6630778
Conc: 58.06 ng/ml



#6 AR-1016-4

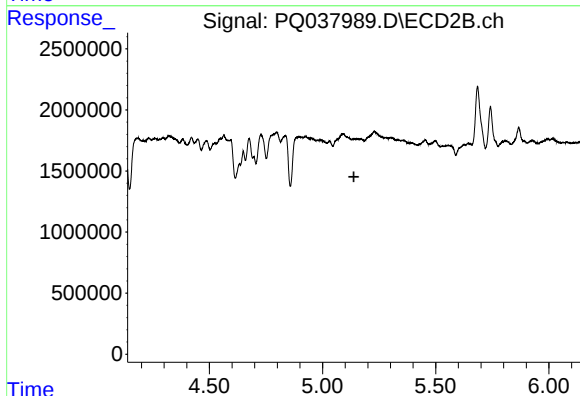
R.T.: 4.896 min
Delta R.T.: -0.033 min
Response: 7632244
Conc: 139.13 ng/ml



#7 AR-1016-5

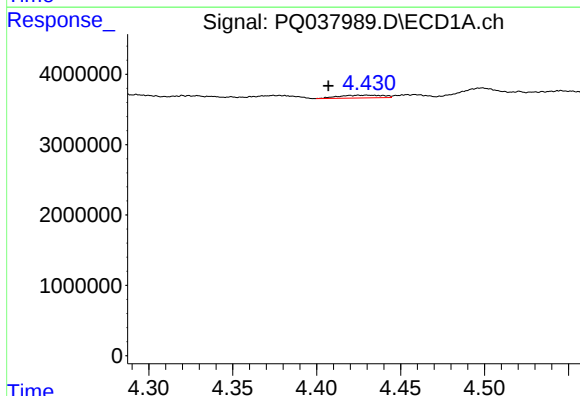
R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 12045927
Conc: 105.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-A



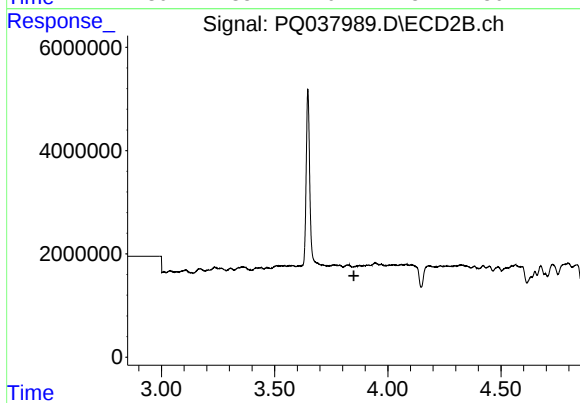
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.139 min
Response: 0
Conc: N.D.



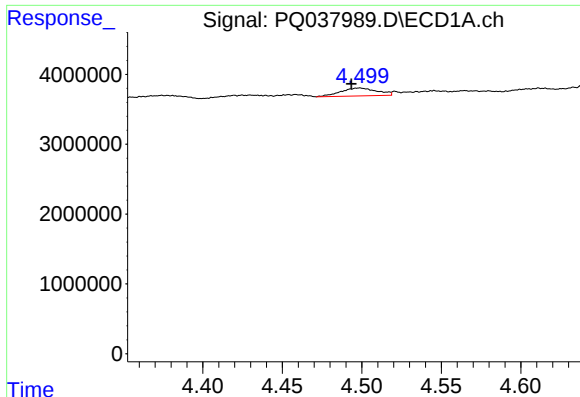
#8 AR-1221-1

R.T.: 4.430 min
Delta R.T.: 0.023 min
Response: 716931
Conc: 18.16 ng/ml



#8 AR-1221-1

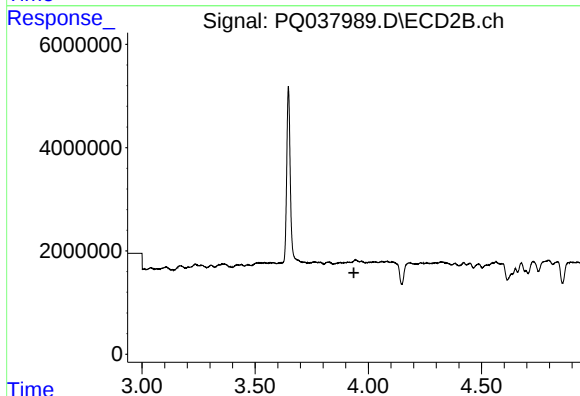
R.T.: 0.000 min
Exp R.T. : 3.850 min
Response: 0
Conc: N.D.



#9 AR-1221-2

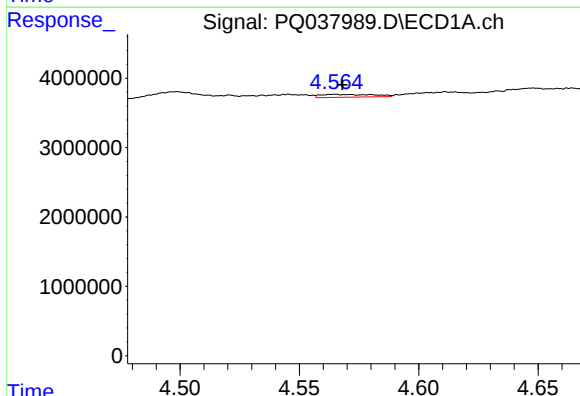
R.T.: 4.498 min
Delta R.T.: 0.005 min
Response: 1781205
Conc: 58.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-A



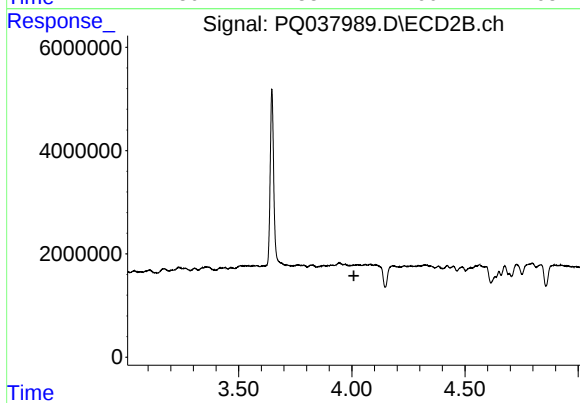
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.936 min
Response: 0
Conc: N.D.



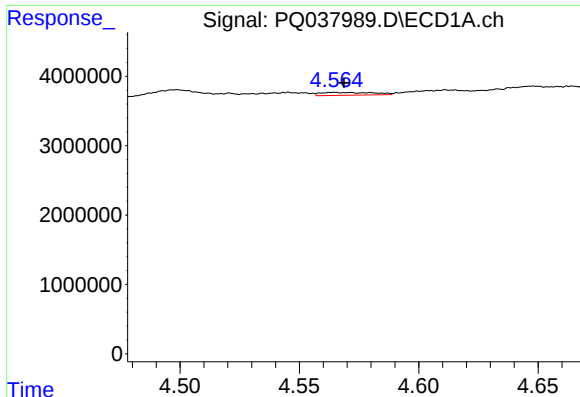
#10 AR-1221-3

R.T.: 4.565 min
Delta R.T.: -0.004 min
Response: 624642
Conc: 6.06 ng/ml



#10 AR-1221-3

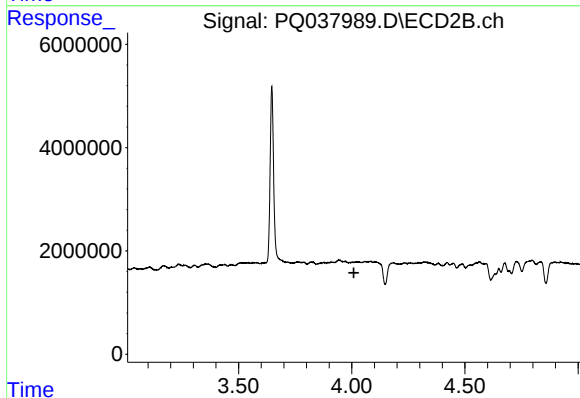
R.T.: 0.000 min
Exp R.T. : 4.009 min
Response: 0
Conc: N.D.



#11 AR-1232-1

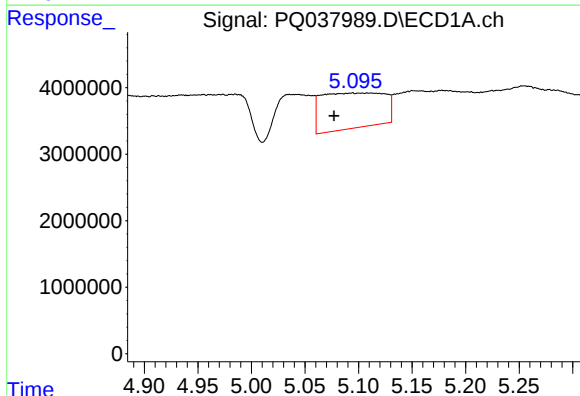
R.T.: 4.565 min
Delta R.T.: -0.004 min
Response: 624642
Conc: 7.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-A



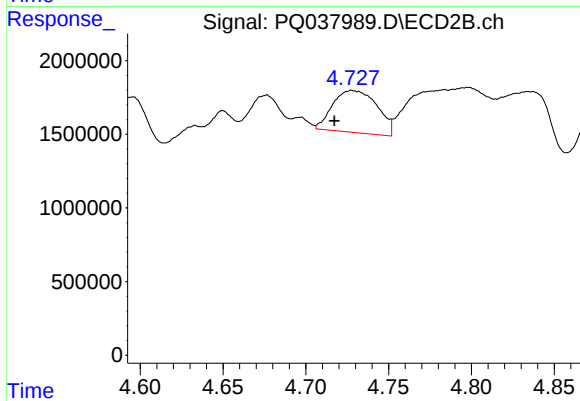
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.009 min
Response: 0
Conc: N.D.



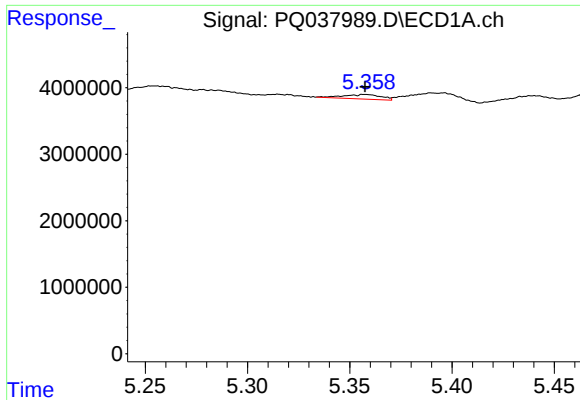
#12 AR-1232-2

R.T.: 5.094 min
Delta R.T.: 0.017 min
Response: 21822502
Conc: 461.27 ng/ml



#12 AR-1232-2

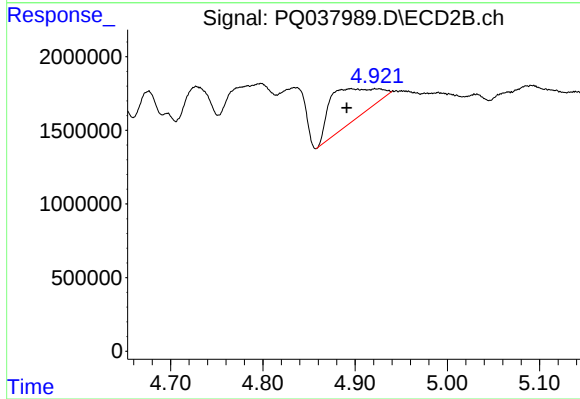
R.T.: 4.728 min
Delta R.T.: 0.011 min
Response: 5339563
Conc: 98.17 ng/ml



#13 AR-1232-3

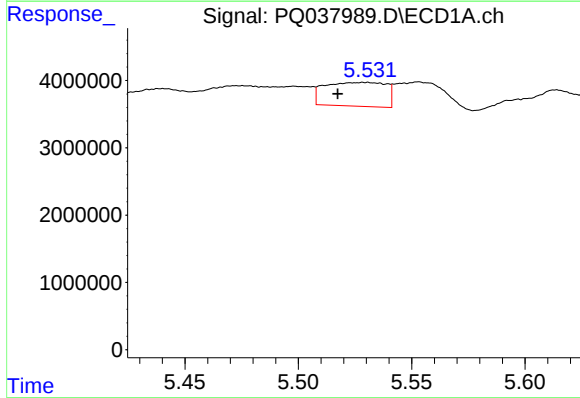
R.T.: 5.358 min
Delta R.T.: 0.000 min
Response: 871297
Conc: 9.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-A



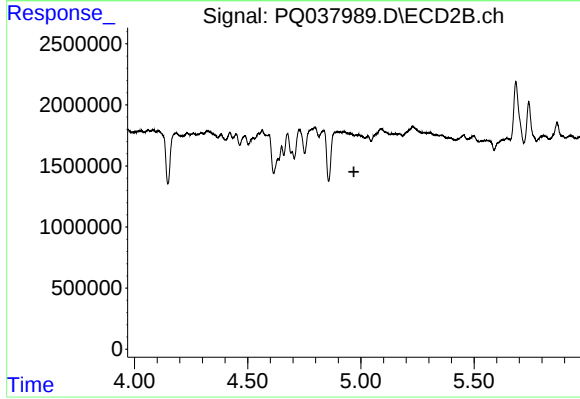
#13 AR-1232-3

R.T.: 4.896 min
Delta R.T.: 0.005 min
Response: 7632244
Conc: 274.91 ng/ml



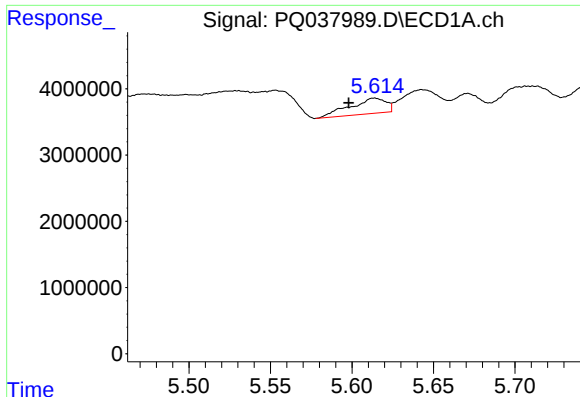
#14 AR-1232-4

R.T.: 5.529 min
Delta R.T.: 0.012 min
Response: 6630778
Conc: 135.54 ng/ml



#14 AR-1232-4

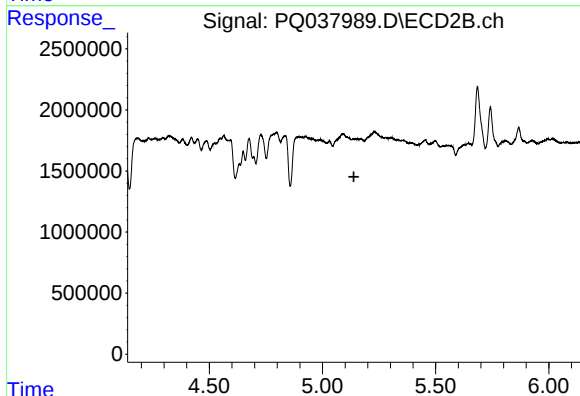
R.T.: 0.000 min
Exp R.T.: 4.969 min
Response: 0
Conc: N.D.



#15 AR-1232-5

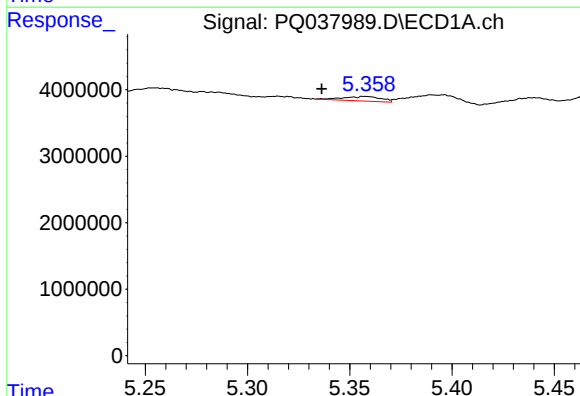
R.T.: 5.614 min
Delta R.T.: 0.016 min
Response: 3566659
Conc: 100.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-A



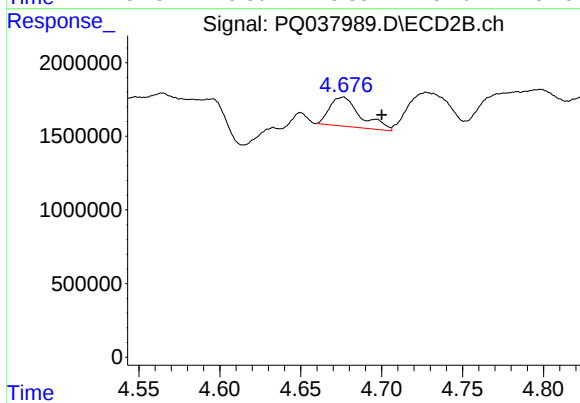
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.139 min
Response: 0
Conc: N.D.



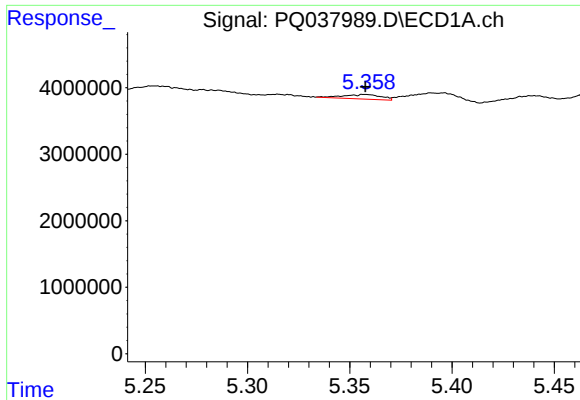
#16 AR-1242-1

R.T.: 5.358 min
Delta R.T.: 0.021 min
Response: 871297
Conc: 7.39 ng/ml



#16 AR-1242-1

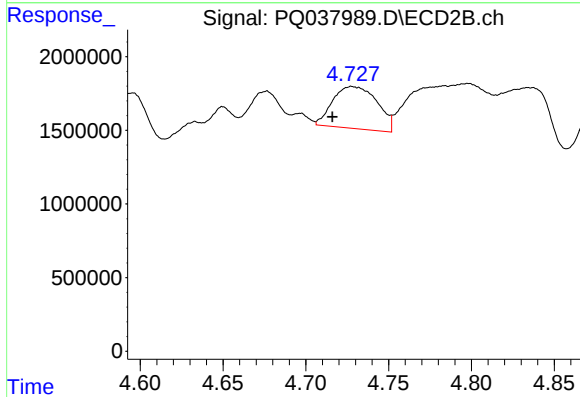
R.T.: 4.676 min
Delta R.T.: -0.024 min
Response: 2629737
Conc: 38.30 ng/ml



#17 AR-1242-2

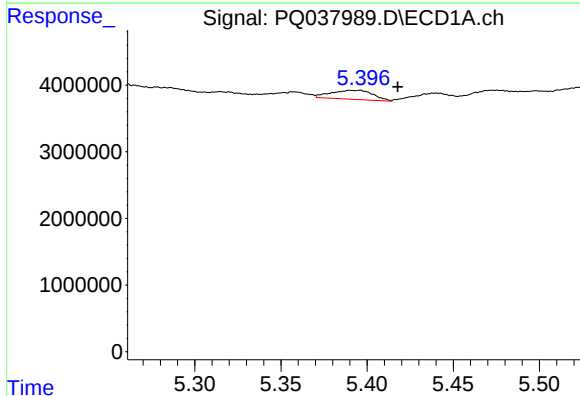
R.T.: 5.358 min
Delta R.T.: 0.000 min
Response: 871297
Conc: 4.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-A



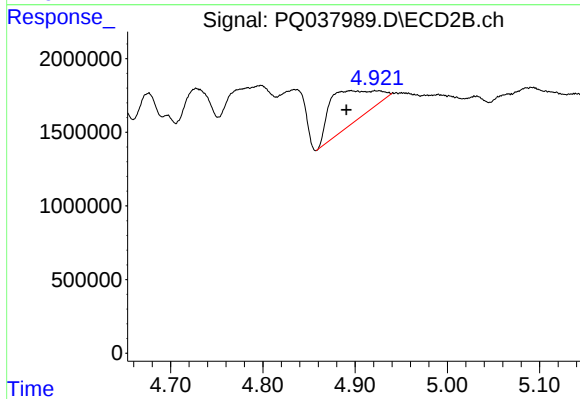
#17 AR-1242-2

R.T.: 4.728 min
Delta R.T.: 0.012 min
Response: 5339563
Conc: 50.63 ng/ml



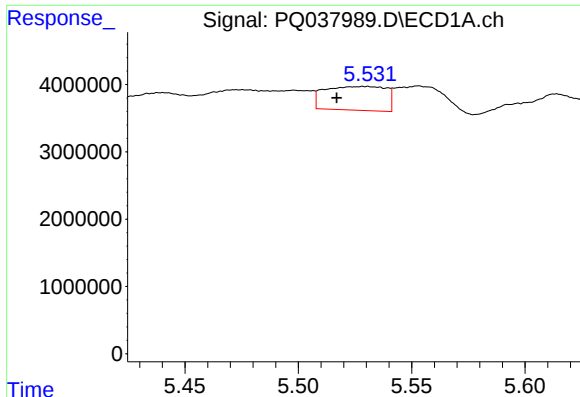
#18 AR-1242-3

R.T.: 5.395 min
Delta R.T.: -0.022 min
Response: 2315894
Conc: 20.96 ng/ml



#18 AR-1242-3

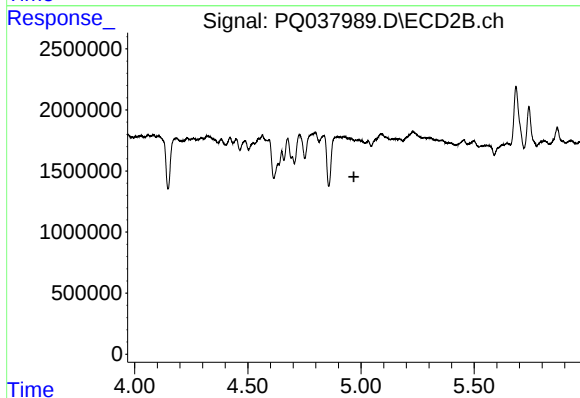
R.T.: 4.896 min
Delta R.T.: 0.005 min
Response: 7632244
Conc: 139.60 ng/ml



#19 AR-1242-4

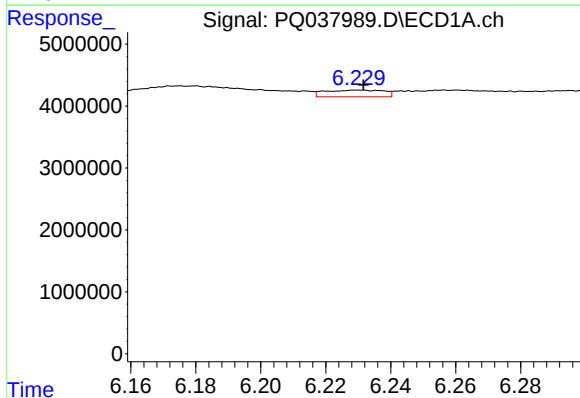
R.T.: 5.529 min
Delta R.T.: 0.012 min
Response: 6630778
Conc: 72.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-A



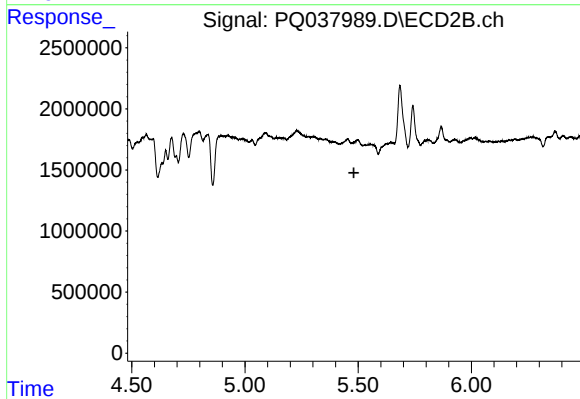
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.968 min
Response: 0
Conc: N.D.



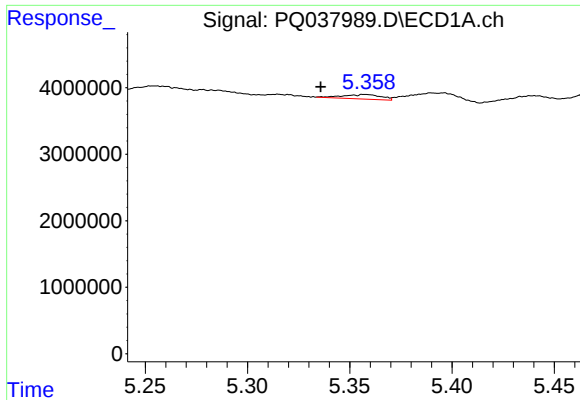
#20 AR-1242-5

R.T.: 6.230 min
Delta R.T.: -0.001 min
Response: 1361041
Conc: 12.26 ng/ml



#20 AR-1242-5

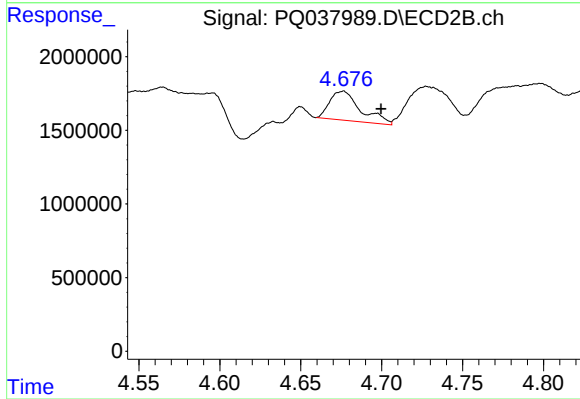
R.T.: 0.000 min
Exp R.T. : 5.481 min
Response: 0
Conc: N.D.



#21 AR-1248-1

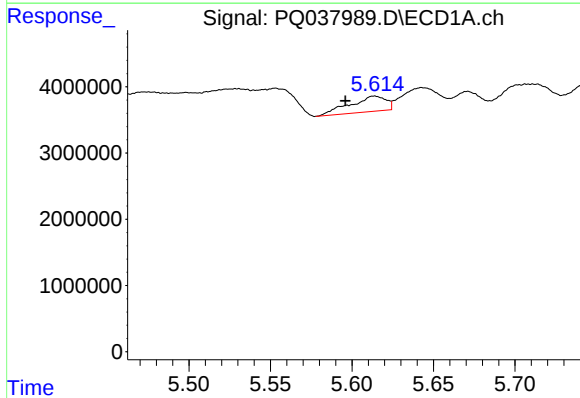
R.T.: 5.358 min
Delta R.T.: 0.022 min
Response: 871297
Conc: 7.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-A



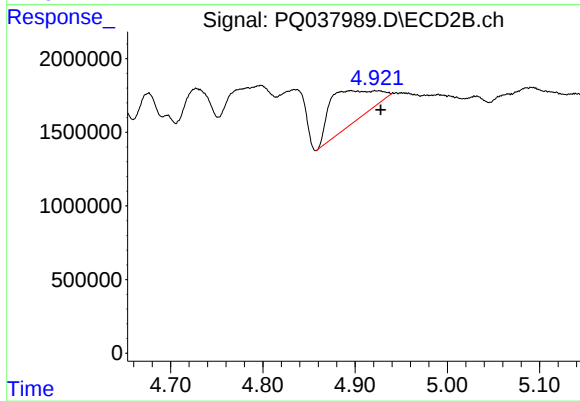
#21 AR-1248-1

R.T.: 4.676 min
Delta R.T.: -0.024 min
Response: 2629737
Conc: 36.49 ng/ml



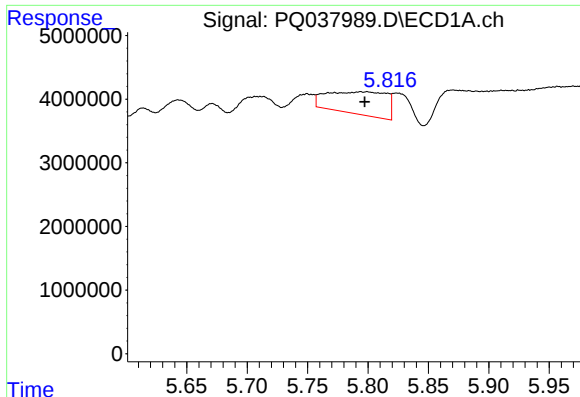
#22 AR-1248-2

R.T.: 5.614 min
Delta R.T.: 0.018 min
Response: 3566659
Conc: 19.88 ng/ml



#22 AR-1248-2

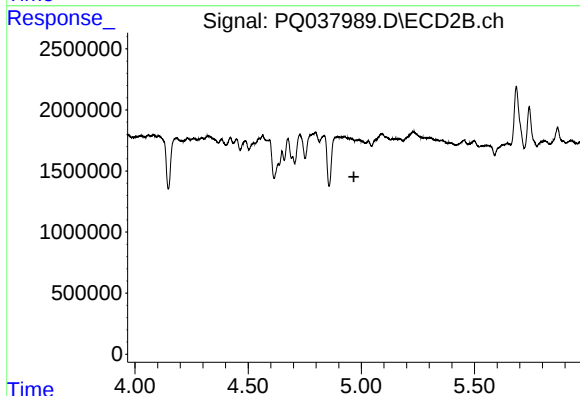
R.T.: 4.896 min
Delta R.T.: -0.032 min
Response: 7632244
Conc: 76.55 ng/ml



#23 AR-1248-3

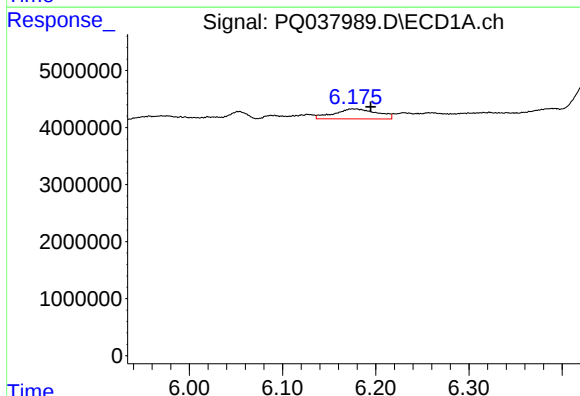
R.T.: 5.799 min
Delta R.T.: 0.002 min
Response: 12045927
Conc: 57.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-A



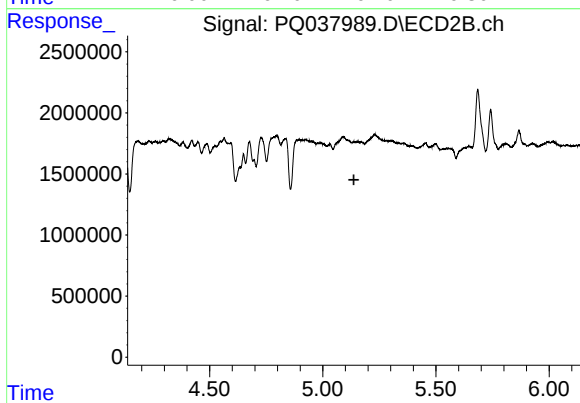
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.967 min
Response: 0
Conc: N.D.



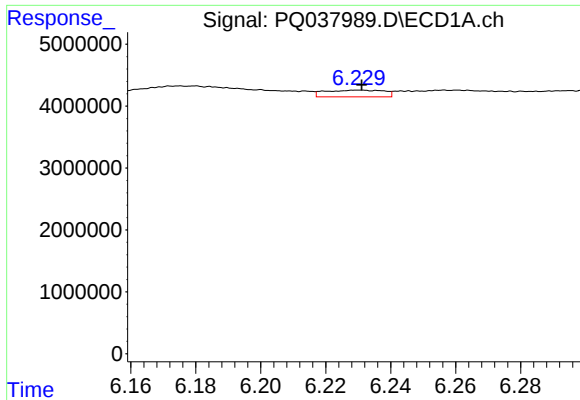
#24 AR-1248-4

R.T.: 6.175 min
Delta R.T.: -0.020 min
Response: 5585404
Conc: 22.36 ng/ml



#24 AR-1248-4

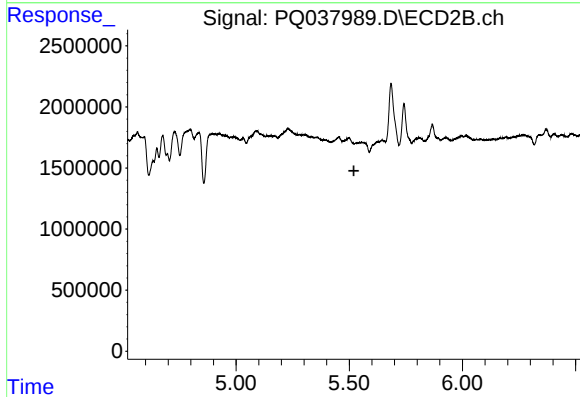
R.T.: 0.000 min
Exp R.T. : 5.137 min
Response: 0
Conc: N.D.



#25 AR-1248-5

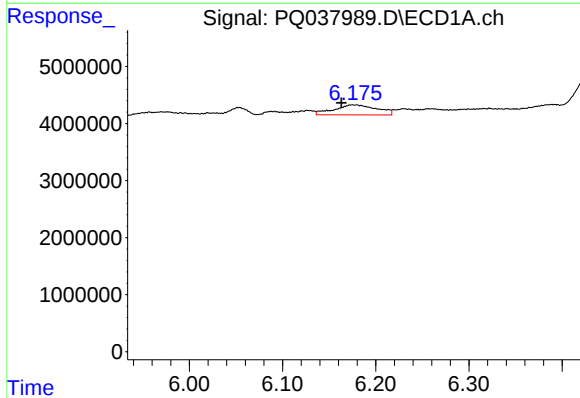
R.T.: 6.230 min
Delta R.T.: 0.000 min
Response: 1361041
Conc: 5.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-A



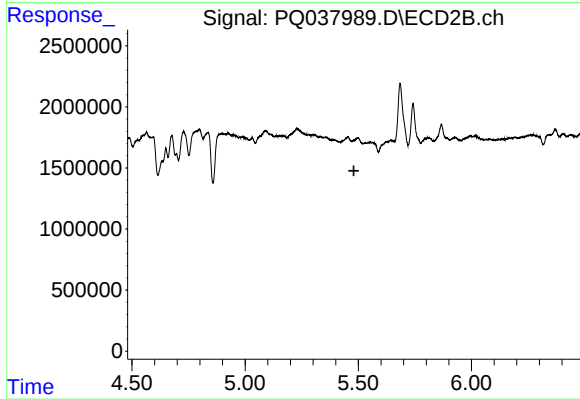
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.521 min
Response: 0
Conc: N.D.



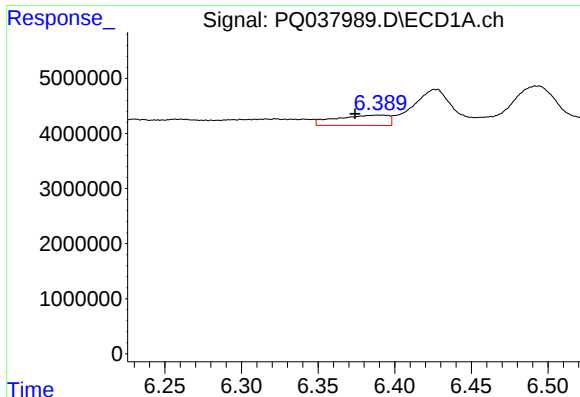
#26 AR-1254-1

R.T.: 6.175 min
Delta R.T.: 0.012 min
Response: 5585404
Conc: 37.92 ng/ml



#26 AR-1254-1

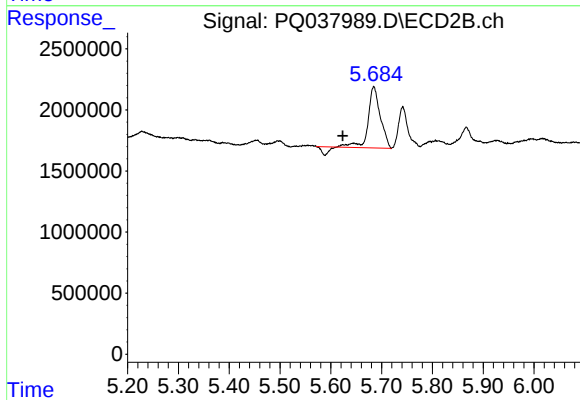
R.T.: 0.000 min
Exp R.T. : 5.480 min
Response: 0
Conc: N.D.



#27 AR-1254-2

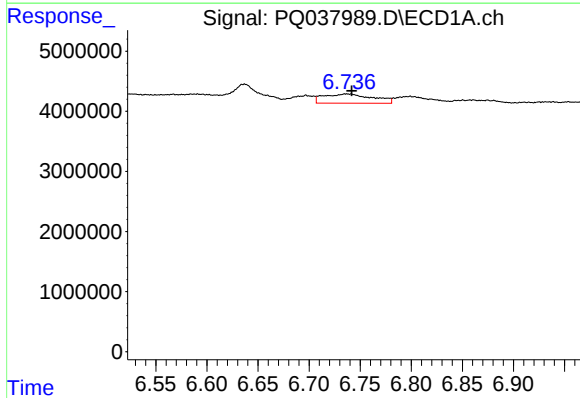
R.T.: 6.389 min
Delta R.T.: 0.015 min
Response: 4467520
Conc: 18.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-A



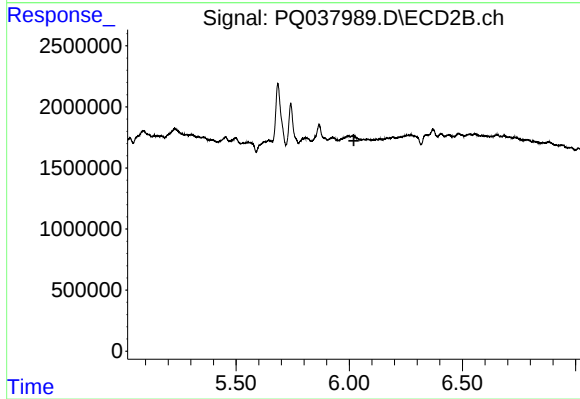
#27 AR-1254-2

R.T.: 5.685 min
Delta R.T.: 0.061 min
Response: 7838649
Conc: 72.96 ng/ml



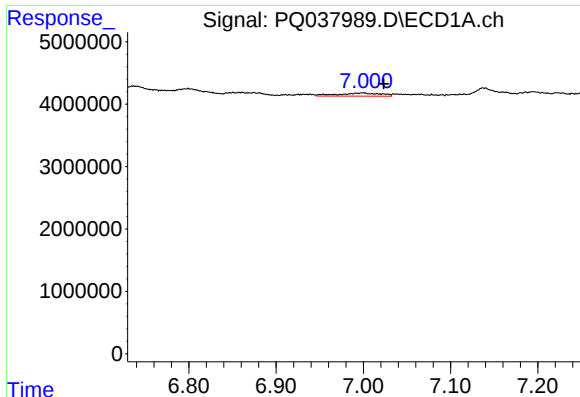
#28 AR-1254-3

R.T.: 6.737 min
Delta R.T.: -0.005 min
Response: 5115228
Conc: 19.09 ng/ml



#28 AR-1254-3

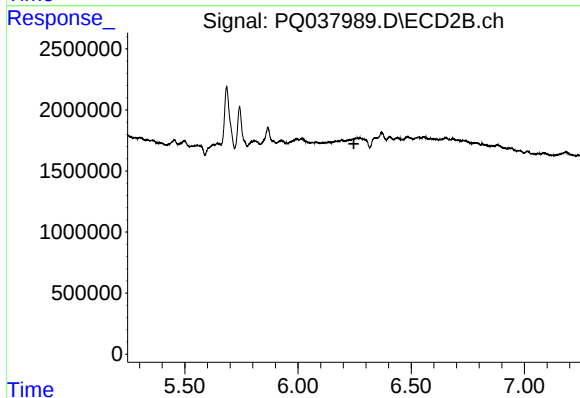
R.T.: 0.000 min
Exp R.T.: 6.021 min
Response: 0
Conc: N.D.



#29 AR-1254-4

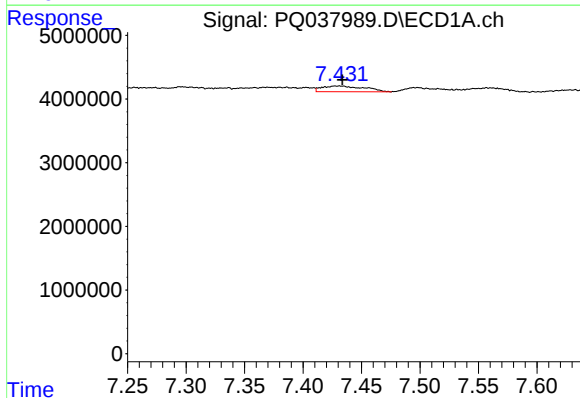
R.T.: 6.999 min
Delta R.T.: -0.024 min
Response: 1740706
Conc: 7.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-A



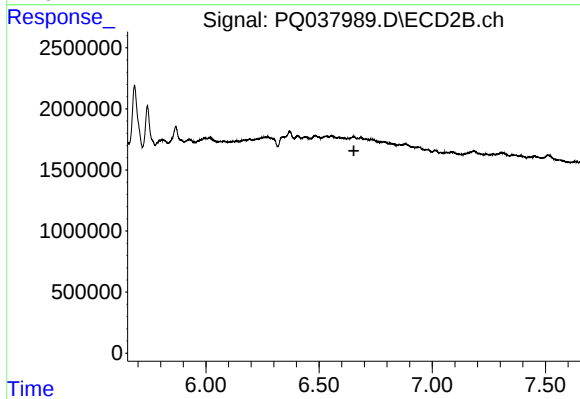
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.247 min
Response: 0
Conc: N.D.



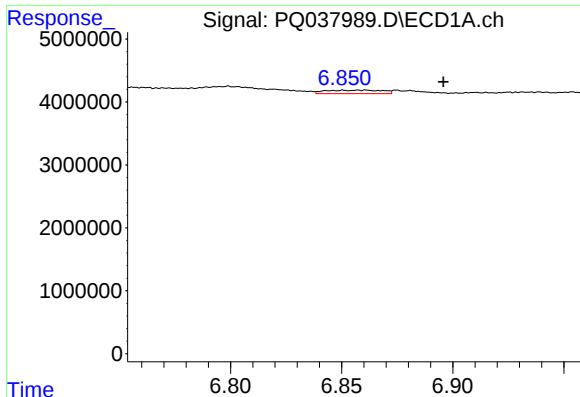
#30 AR-1254-5

R.T.: 7.431 min
Delta R.T.: -0.003 min
Response: 2279841
Conc: 8.26 ng/ml



#30 AR-1254-5

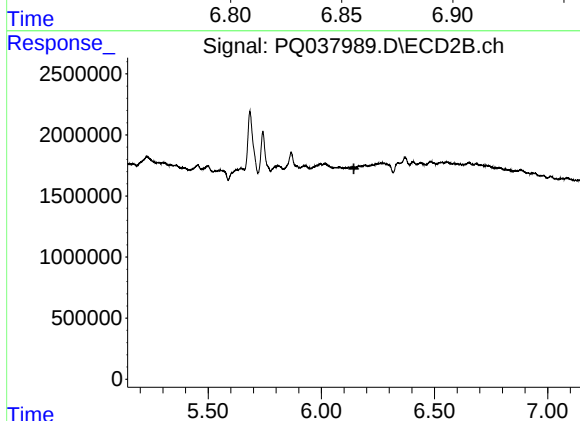
R.T.: 0.000 min
Exp R.T. : 6.654 min
Response: 0
Conc: N.D.



#31 AR-1260-1

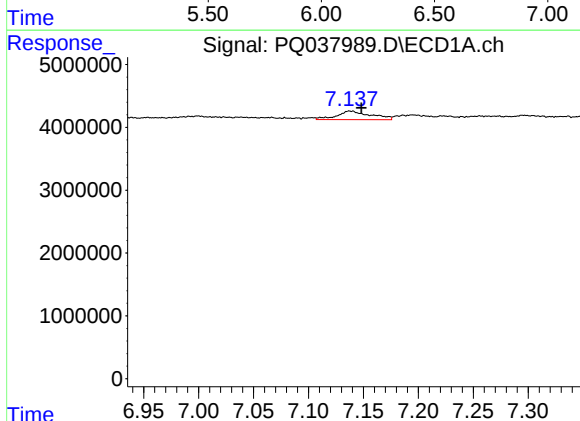
R.T.: 6.861 min
Delta R.T.: -0.035 min
Response: 995026
Conc: 4.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-A



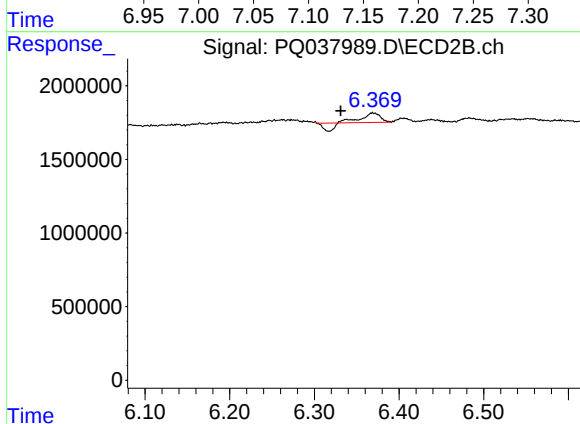
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.144 min
Response: 0
Conc: N.D.



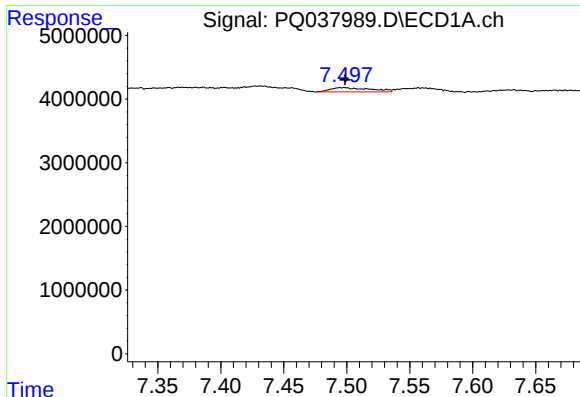
#32 AR-1260-2

R.T.: 7.138 min
Delta R.T.: -0.010 min
Response: 2919462
Conc: 8.83 ng/ml



#32 AR-1260-2

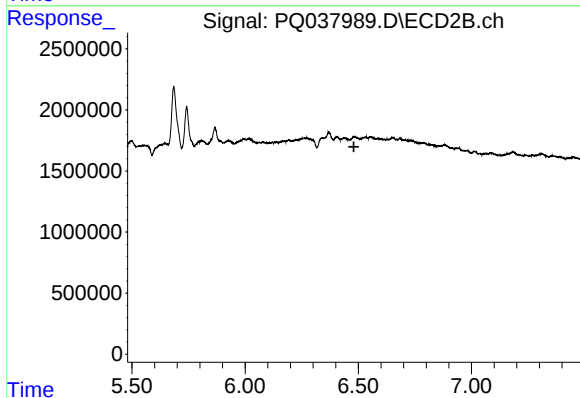
R.T.: 6.369 min
Delta R.T.: 0.038 min
Response: 637374
Conc: 3.30 ng/ml



#33 AR-1260-3

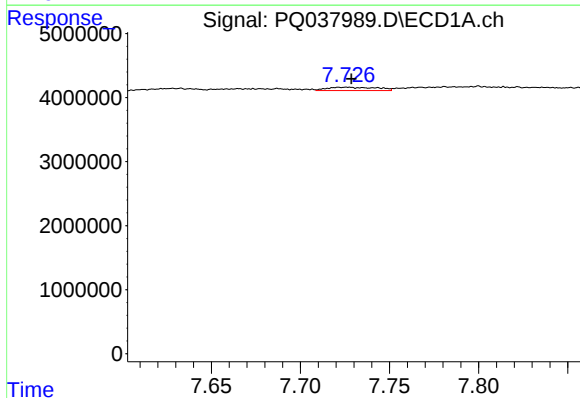
R.T.: 7.498 min
Delta R.T.: 0.000 min
Response: 1490776
Conc: 5.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-A



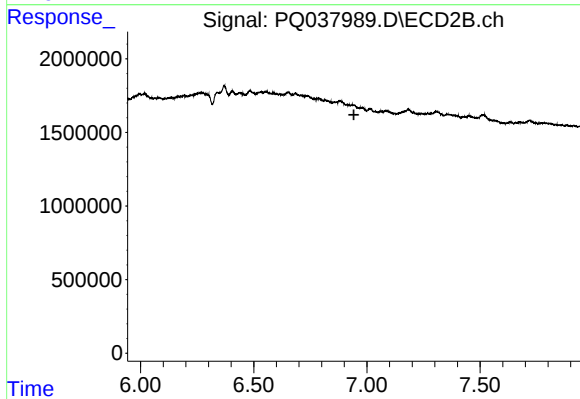
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.480 min
Response: 0
Conc: N.D.



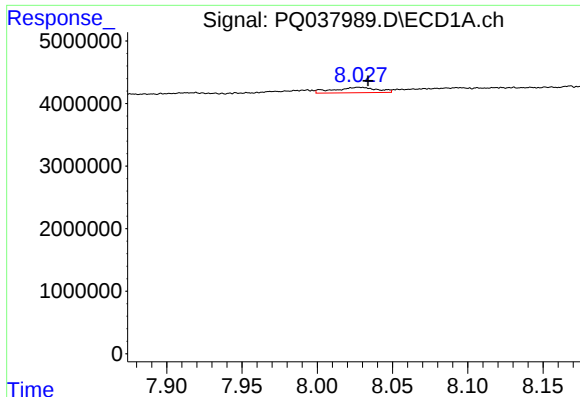
#34 AR-1260-4

R.T.: 7.726 min
Delta R.T.: -0.002 min
Response: 1024607
Conc: 3.67 ng/ml



#34 AR-1260-4

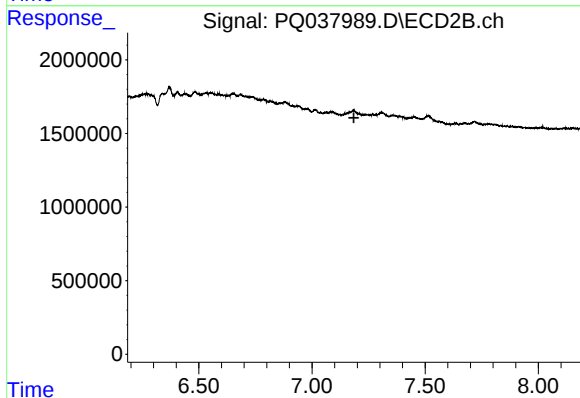
R.T.: 0.000 min
Exp R.T. : 6.942 min
Response: 0
Conc: N.D.



#35 AR-1260-5

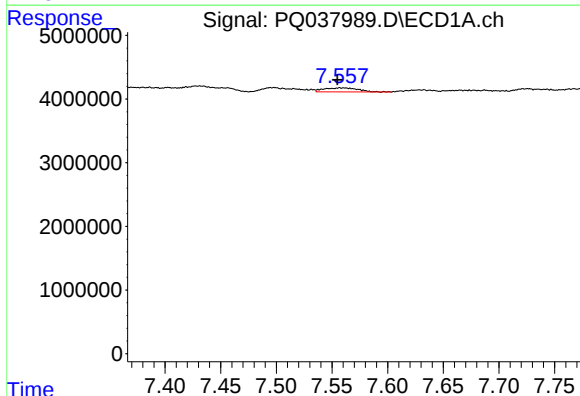
R.T.: 8.028 min
Delta R.T.: -0.006 min
Response: 1725863
Conc: 2.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-A



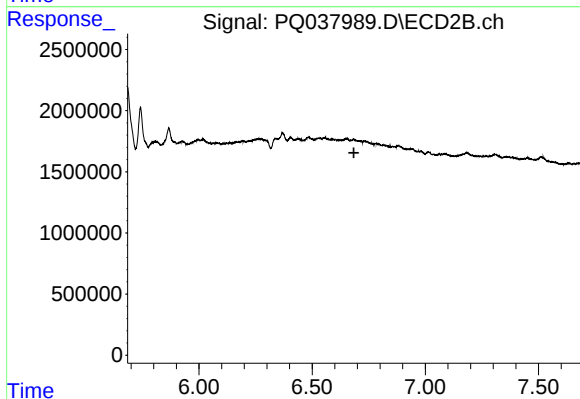
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.185 min
Response: 0
Conc: N.D.



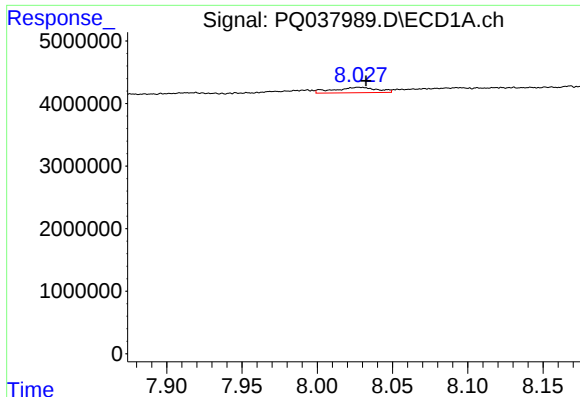
#36 AR-1262-1

R.T.: 7.558 min
Delta R.T.: 0.003 min
Response: 1368243
Conc: 8.26 ng/ml



#36 AR-1262-1

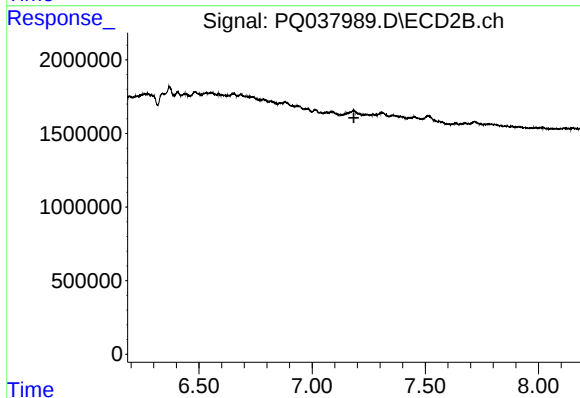
R.T.: 0.000 min
Exp R.T. : 6.685 min
Response: 0
Conc: N.D.



#37 AR-1262-2

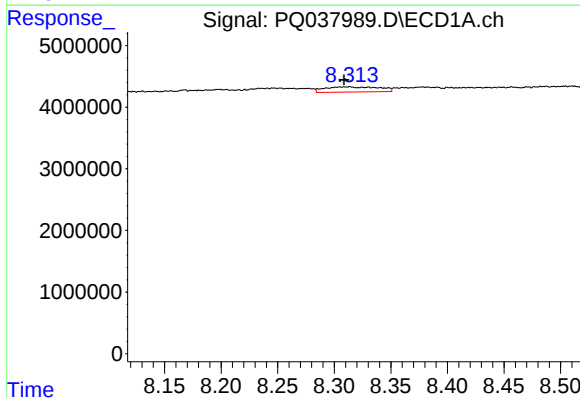
R.T.: 8.028 min
Delta R.T.: -0.005 min
Response: 1725863
Conc: 2.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-A



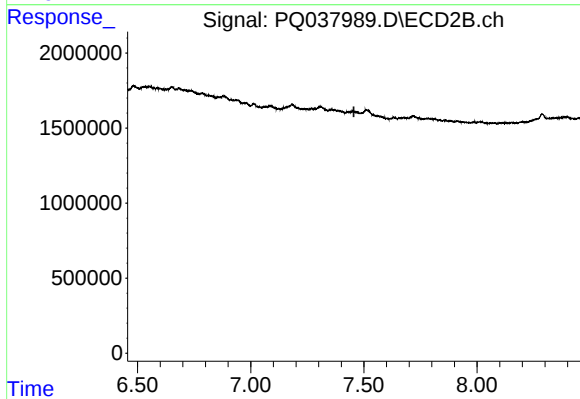
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.185 min
Response: 0
Conc: N.D.



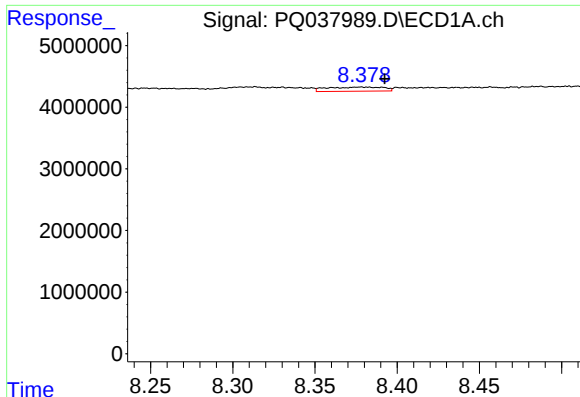
#38 AR-1262-3

R.T.: 8.312 min
Delta R.T.: 0.003 min
Response: 2833984
Conc: 8.11 ng/ml



#38 AR-1262-3

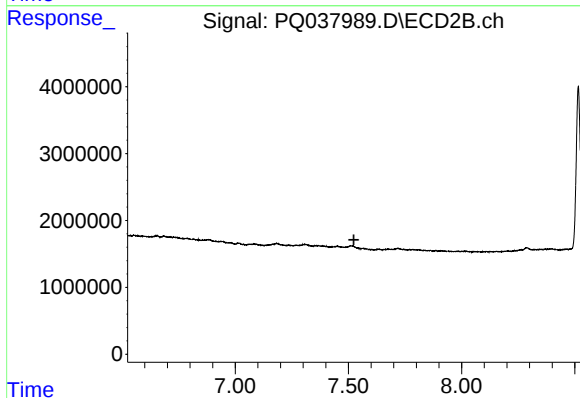
R.T.: 0.000 min
Exp R.T. : 7.456 min
Response: 0
Conc: N.D.



#39 AR-1262-4

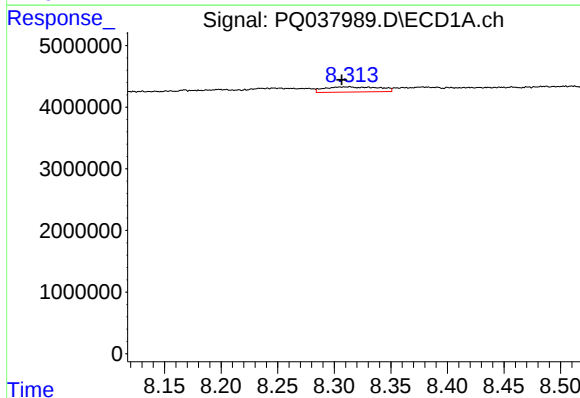
R.T.: 8.378 min
Delta R.T.: -0.014 min
Response: 1596077
Conc: 3.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-A



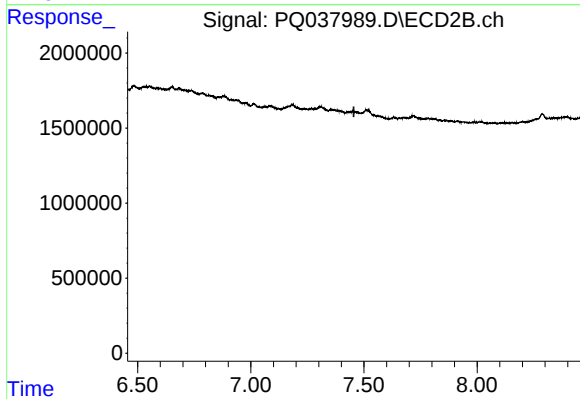
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.524 min
Response: 0
Conc: N.D.



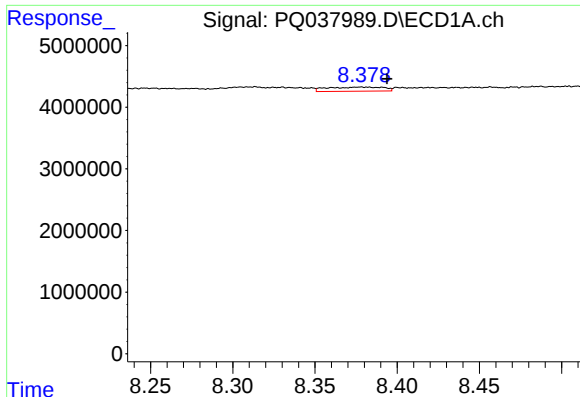
#41 AR-1268-1

R.T.: 8.312 min
Delta R.T.: 0.005 min
Response: 2833984
Conc: 3.02 ng/ml



#41 AR-1268-1

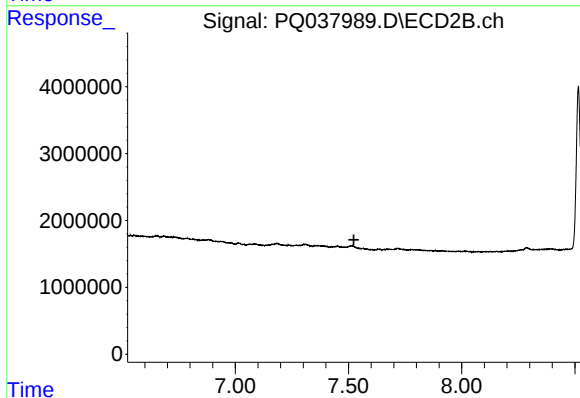
R.T.: 0.000 min
Exp R.T. : 7.456 min
Response: 0
Conc: N.D.



#42 AR-1268-2

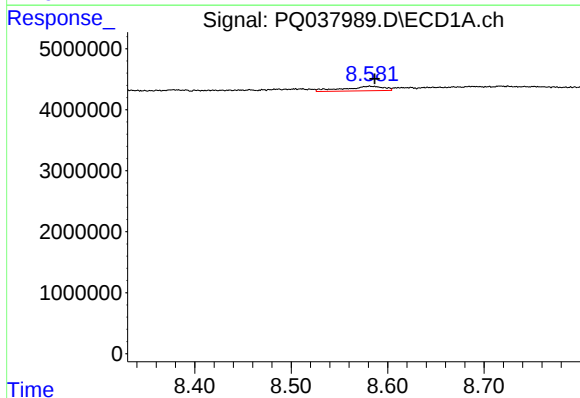
R.T.: 8.378 min
Delta R.T.: -0.015 min
Response: 1596077
Conc: 1.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-A



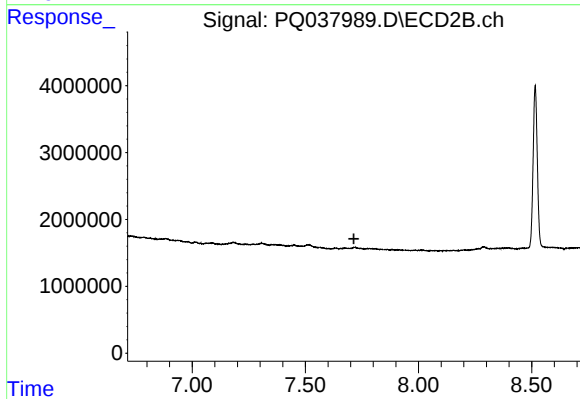
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 7.524 min
Response: 0
Conc: N.D.



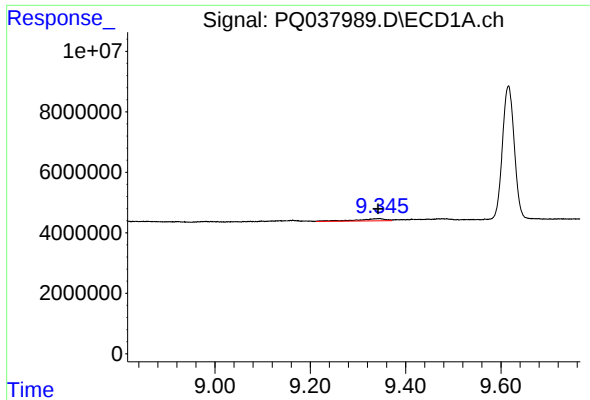
#43 AR-1268-3

R.T.: 8.582 min
Delta R.T.: -0.005 min
Response: 2149582
Conc: 2.84 ng/ml



#43 AR-1268-3

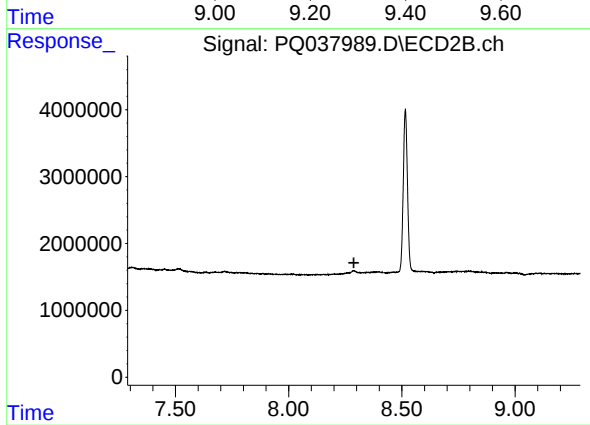
R.T.: 0.000 min
Exp R.T. : 7.714 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.344 min
Delta R.T.: 0.002 min
Response: 2935891
Conc: 1.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-A



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.288 min
Response: 0
Conc: N.D.