

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ053119\
 Data File : PQ040479.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 May 2019 15:17
 Operator : SM\AJ
 Sample : K3101-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 01 00:30:45 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...	5.584	4.726	46084904	35232445	14.068	16.404
2)	SA Decachlor...	11.883	10.444	136.4E6	80729256	19.089	19.415
Target Compounds							
3)	L1 AR-1016-1	7.021	0.000	1493628	0	8.928	N.D. #
4)	L1 AR-1016-2	7.093	6.246	1759560	-68449	6.693	N.D. #
5)	L1 AR-1016-3	7.127	6.424	725800	2839102	4.252	26.325 #
6)	L1 AR-1016-4	7.276	6.424	3462261	2839102	25.048	33.343 #
7)	L1 AR-1016-5	7.566	6.752	1876723	2420234	13.528	21.020 #
8)	L2 AR-1221-1	0.000	5.024	0	599097	N.D.	24.446 #
9)	L2 AR-1221-2	5.979	5.142	2494831	1570832	113.237	96.443
10)	L2 AR-1221-3	6.087	5.249	1828353	388835	20.697	6.395 #
11)	L3 AR-1232-1	6.087	5.249	1828353	388835	28.229	8.486 #
13)	L3 AR-1232-3	7.093	6.424	1759560	2839102	21.773	80.730 #
14)	L3 AR-1232-4	7.276	6.532	3462261	2541381	82.832	86.008
15)	L3 AR-1232-5	7.393	6.752	1539040	2420234	48.562	80.395 #
16)	L4 AR-1242-1	7.021	0.000	1493628	0	15.405	N.D. #
17)	L4 AR-1242-2	7.093	6.246	1759560	-68449	12.175	N.D. #
18)	L4 AR-1242-3	7.127	6.424	725800	2839102	7.797	47.064 #
19)	L4 AR-1242-4	7.276	6.532	3462261	2541381	46.034	42.640
20)	L4 AR-1242-5	8.090	7.118	3017422	1963068	34.806	24.359 #
21)	L5 AR-1248-1	7.093	6.246	1759560	-68449	22.733	N.D. #
22)	L5 AR-1248-2	7.393	6.424	1539040	2839102	13.664	32.292 #
23)	L5 AR-1248-3	7.566	6.532	1876723	2541381	13.597	28.087 #
24)	L5 AR-1248-4	8.021	6.752	2352536	2420234	15.583	21.917 #
25)	L5 AR-1248-5	8.090	7.172	3017422	494652	20.042	4.357 #
26)	L6 AR-1254-1	8.021	7.118	2352536	1963068	13.490	10.249
27)	L6 AR-1254-2	8.231	7.316	10357907	6799277	37.454	39.137
28)	L6 AR-1254-3	8.634	7.752	9397570	18450663	31.665	63.847 #
29)	L6 AR-1254-4	8.924	7.983	5815513	6577517	27.982	36.839 #
30)	L6 AR-1254-5	9.362	8.463	10910963	4280225	37.886	16.614 #
31)	L7 AR-1260-1	8.790	7.876	13116047	14063219	39.458	51.300 #
32)	L7 AR-1260-2	9.113	8.079	3778003	8040640	9.352	23.244 #
33)	L7 AR-1260-3	9.496	8.241	3721820	2963582	11.282	9.241
34)	L7 AR-1260-4	9.676	8.737	2577246	3679703	6.993	13.542 #
35)	L7 AR-1260-5	10.014	8.992	7472925	10053589	9.704	14.957 #
36)	L8 AR-1262-1	9.496	8.522	3721820	2899200	26.773	25.533
37)	L8 AR-1262-2	10.014	8.992	7472925	10053589	12.912	20.264 #
38)	L8 AR-1262-3	10.361	9.282	2833792	4051454	6.702	19.270 #
39)	L8 AR-1262-4	10.432	9.349	5602532	5789375	14.833	15.291
40)	L8 AR-1262-5	11.120	9.872	3694045	2462636	15.722	15.189
41)	L9 AR-1268-1	10.361	9.282	2833792	4051454	4.704	8.878 #
42)	L9 AR-1268-2	10.432	9.349	5602532	5789375	9.105	13.242 #

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 Operator : SM\AJ
 Sample : K3101-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

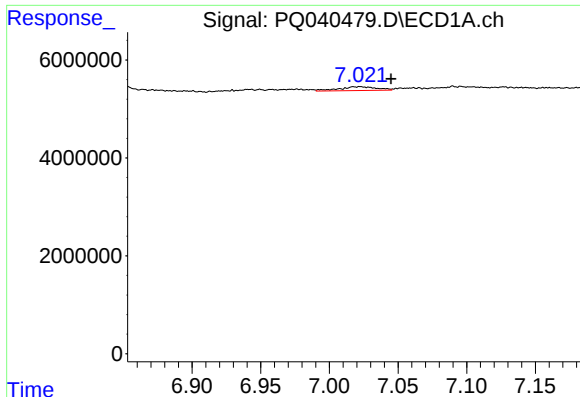
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 01 00:30:45 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
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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
43) L9	AR-1268-3	10.666	9.557	4242231	4493530	7.810	11.970 #
44) L9	AR-1268-4	11.120	9.872	3694045	2462636	18.111	17.873
45) L9	AR-1268-5	11.543	10.179	21797275	12705391	11.796	10.765

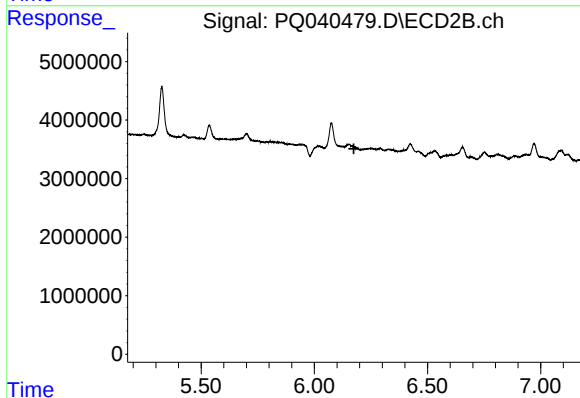
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

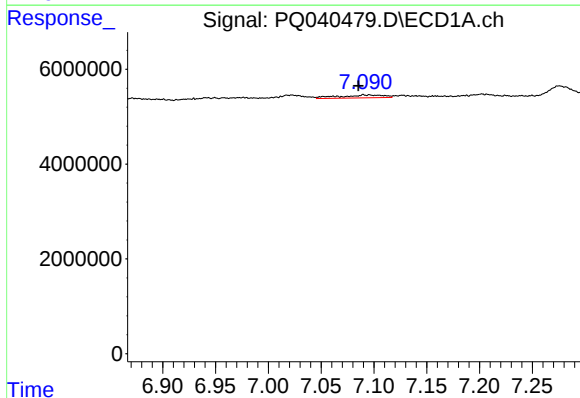
R.T.: 7.021 min
Delta R.T.: -0.024 min
Response: 1493628
Conc: 8.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



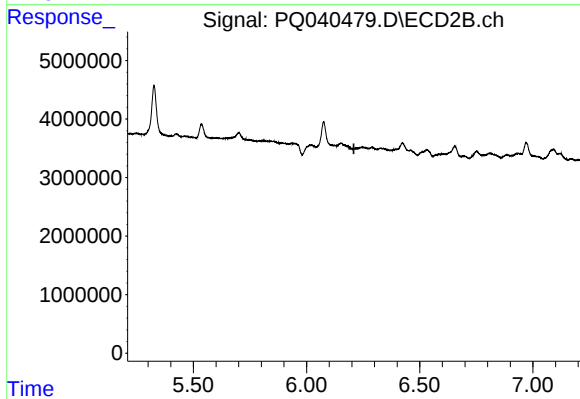
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 6.175 min
Response: 0
Conc: N.D.



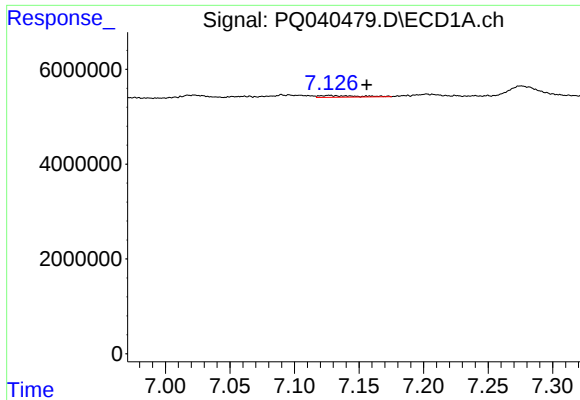
#4 AR-1016-2

R.T.: 7.093 min
Delta R.T.: 0.007 min
Response: 1759560
Conc: 6.69 ng/ml



#4 AR-1016-2

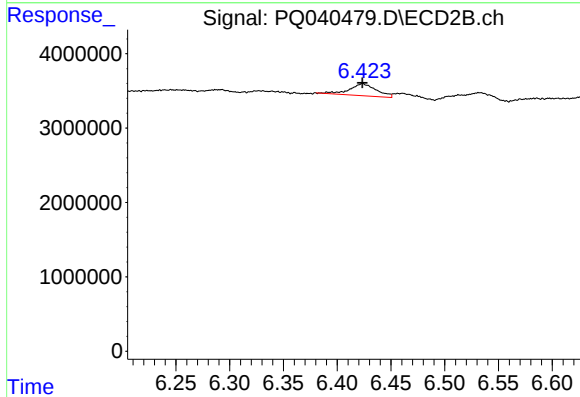
R.T.: 6.246 min
Delta R.T.: 0.036 min
Response: -68449
Conc: N.D.



#5 AR-1016-3

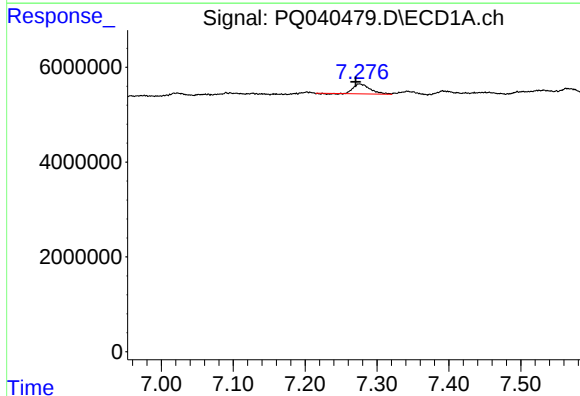
R.T.: 7.127 min
Delta R.T.: -0.029 min
Response: 725800
Conc: 4.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



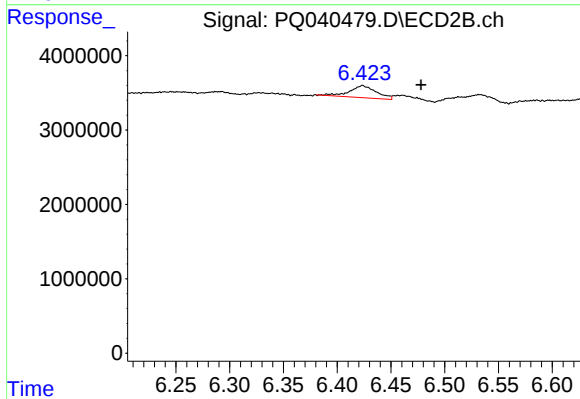
#5 AR-1016-3

R.T.: 6.424 min
Delta R.T.: 0.000 min
Response: 2839102
Conc: 26.32 ng/ml



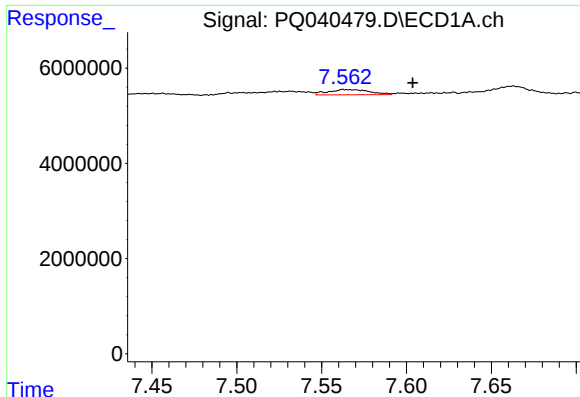
#6 AR-1016-4

R.T.: 7.276 min
Delta R.T.: 0.006 min
Response: 3462261
Conc: 25.05 ng/ml



#6 AR-1016-4

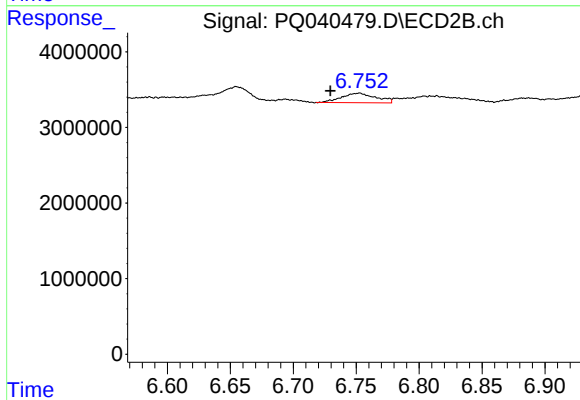
R.T.: 6.424 min
Delta R.T.: -0.054 min
Response: 2839102
Conc: 33.34 ng/ml



#7 AR-1016-5

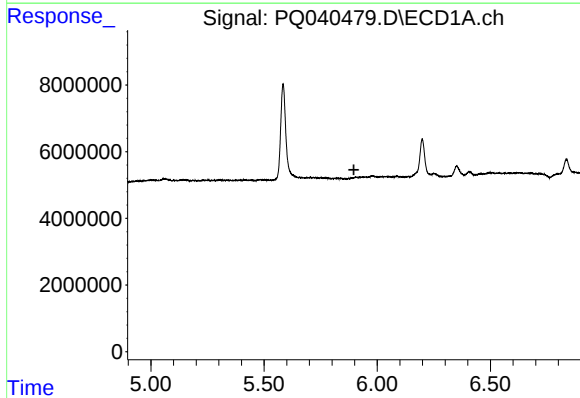
R.T.: 7.566 min
Delta R.T.: -0.038 min
Response: 1876723
Conc: 13.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



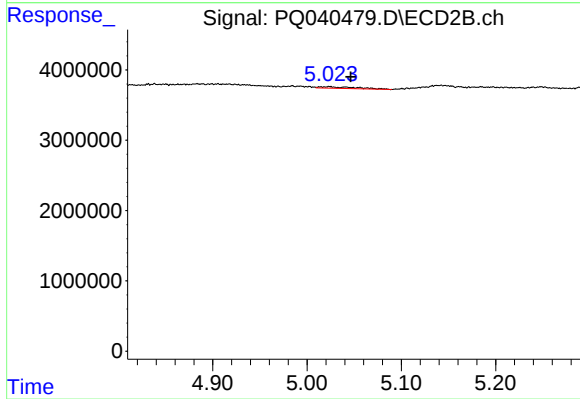
#7 AR-1016-5

R.T.: 6.752 min
Delta R.T.: 0.022 min
Response: 2420234
Conc: 21.02 ng/ml



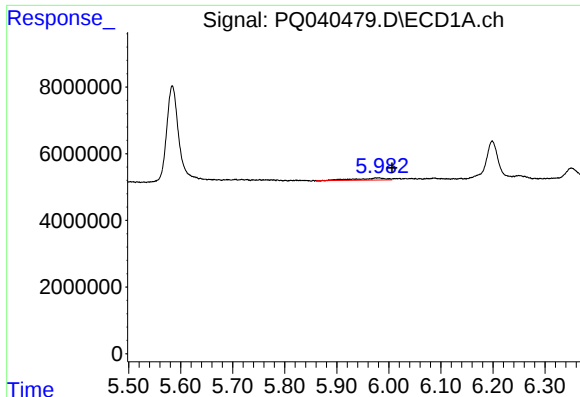
#8 AR-1221-1

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



#8 AR-1221-1

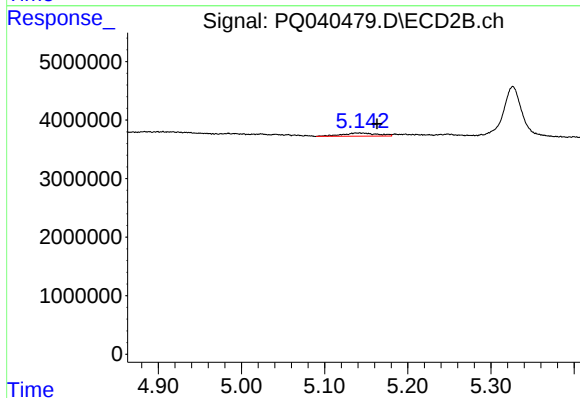
R.T.: 5.024 min
Delta R.T.: -0.023 min
Response: 599097
Conc: 24.45 ng/ml



#9 AR-1221-2

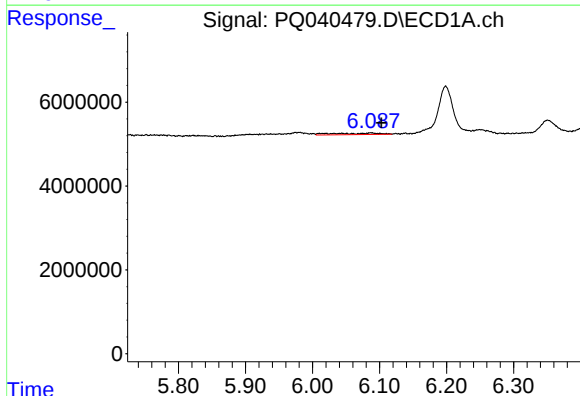
R.T.: 5.979 min
Delta R.T.: -0.027 min
Response: 2494831
Conc: 113.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



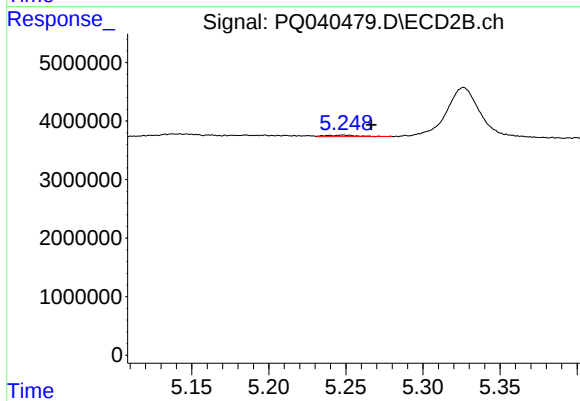
#9 AR-1221-2

R.T.: 5.142 min
Delta R.T.: -0.021 min
Response: 1570832
Conc: 96.44 ng/ml



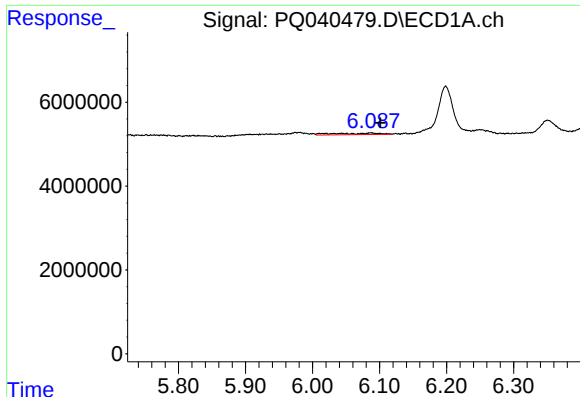
#10 AR-1221-3

R.T.: 6.087 min
Delta R.T.: -0.016 min
Response: 1828353
Conc: 20.70 ng/ml



#10 AR-1221-3

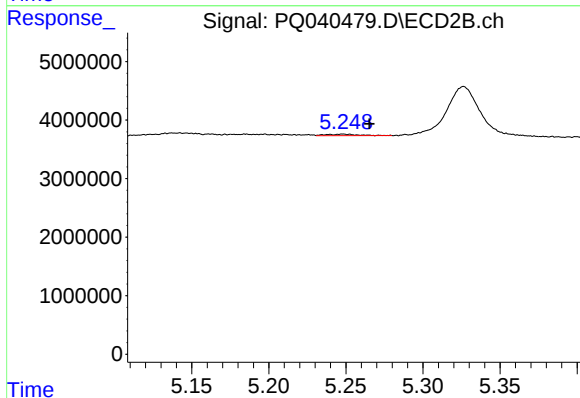
R.T.: 5.249 min
Delta R.T.: -0.018 min
Response: 388835
Conc: 6.39 ng/ml



#11 AR-1232-1

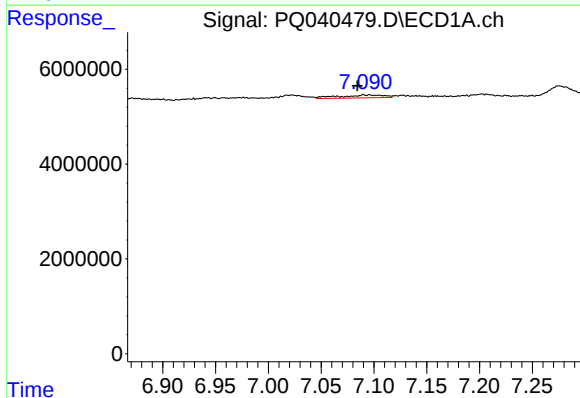
R.T.: 6.087 min
Delta R.T.: -0.014 min
Response: 1828353
Conc: 28.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



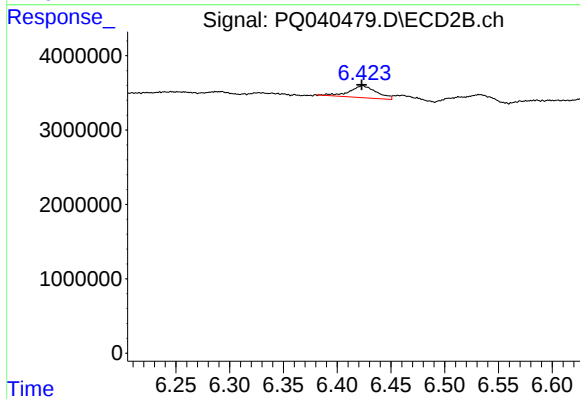
#11 AR-1232-1

R.T.: 5.249 min
Delta R.T.: -0.017 min
Response: 388835
Conc: 8.49 ng/ml



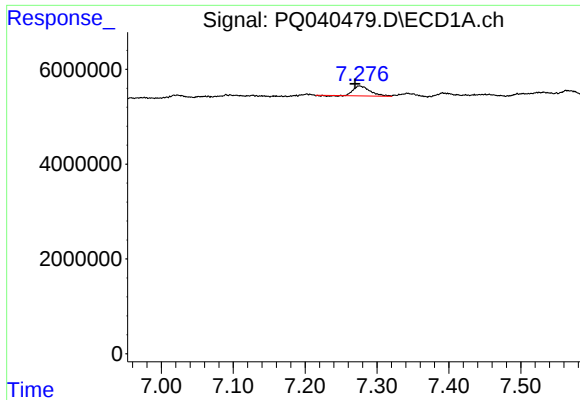
#13 AR-1232-3

R.T.: 7.093 min
Delta R.T.: 0.008 min
Response: 1759560
Conc: 21.77 ng/ml



#13 AR-1232-3

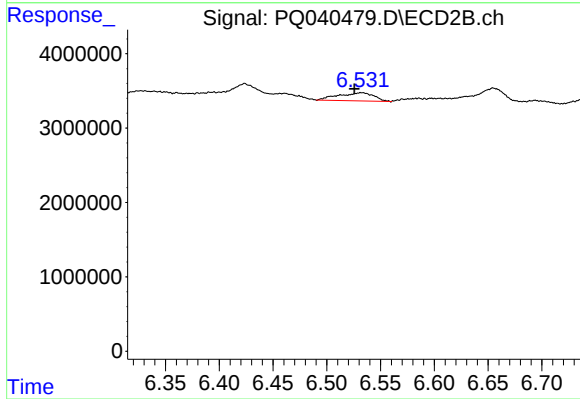
R.T.: 6.424 min
Delta R.T.: 0.000 min
Response: 2839102
Conc: 80.73 ng/ml



#14 AR-1232-4

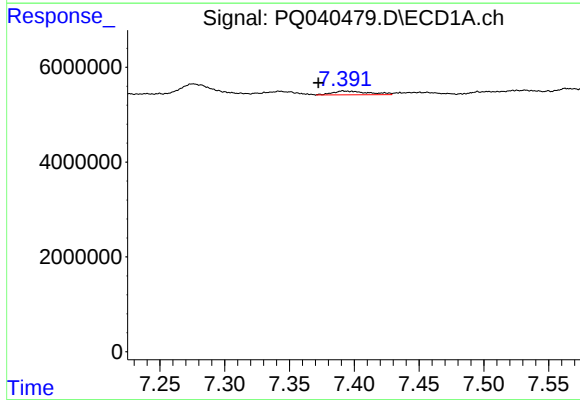
R.T.: 7.276 min
Delta R.T.: 0.007 min
Response: 3462261
Conc: 82.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



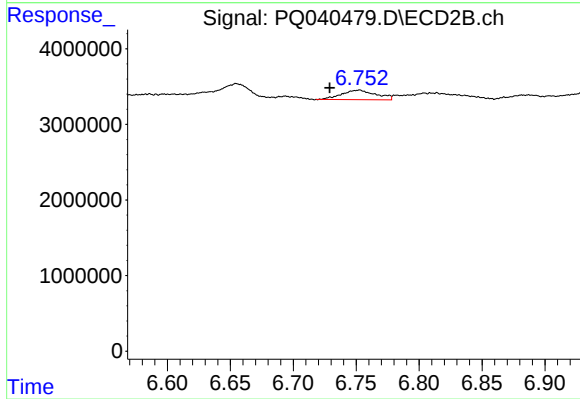
#14 AR-1232-4

R.T.: 6.532 min
Delta R.T.: 0.007 min
Response: 2541381
Conc: 86.01 ng/ml



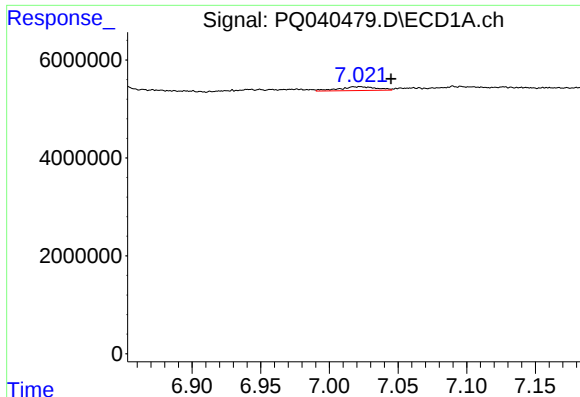
#15 AR-1232-5

R.T.: 7.393 min
Delta R.T.: 0.021 min
Response: 1539040
Conc: 48.56 ng/ml



#15 AR-1232-5

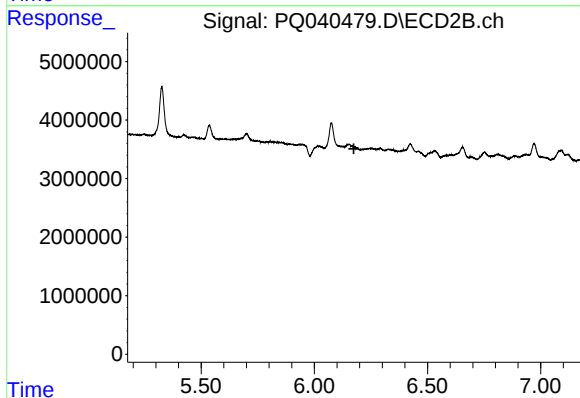
R.T.: 6.752 min
Delta R.T.: 0.023 min
Response: 2420234
Conc: 80.39 ng/ml



#16 AR-1242-1

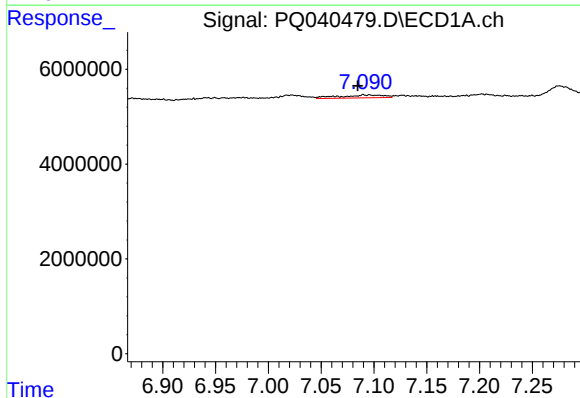
R.T.: 7.021 min
Delta R.T.: -0.024 min
Response: 1493628
Conc: 15.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



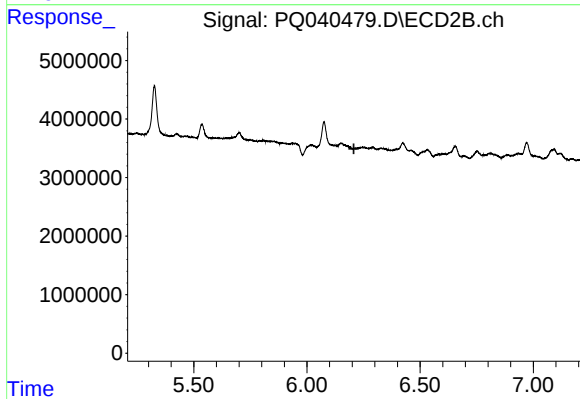
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 6.175 min
Response: 0
Conc: N.D.



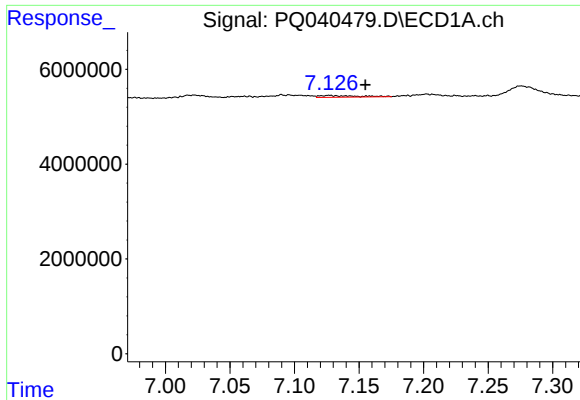
#17 AR-1242-2

R.T.: 7.093 min
Delta R.T.: 0.008 min
Response: 1759560
Conc: 12.18 ng/ml



#17 AR-1242-2

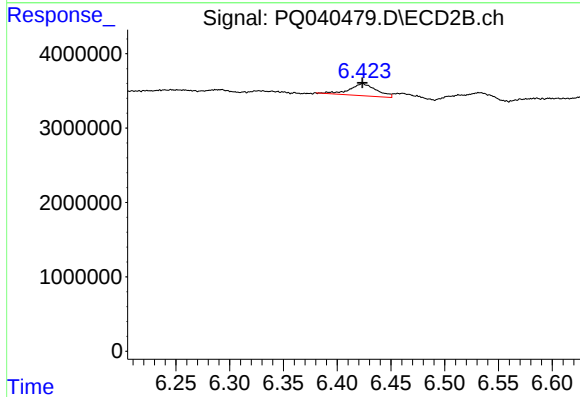
R.T.: 6.246 min
Delta R.T.: 0.038 min
Response: -68449
Conc: N.D.



#18 AR-1242-3

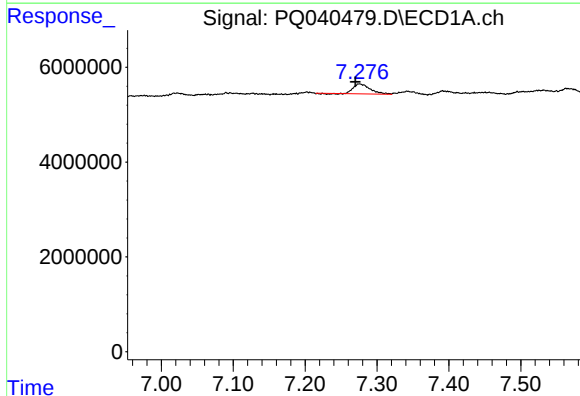
R.T.: 7.127 min
Delta R.T.: -0.028 min
Response: 725800
Conc: 7.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



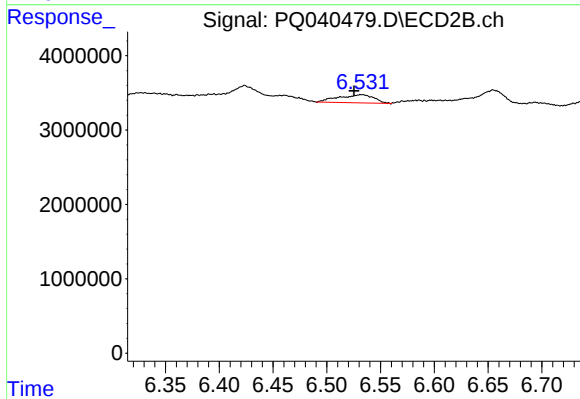
#18 AR-1242-3

R.T.: 6.424 min
Delta R.T.: 0.000 min
Response: 2839102
Conc: 47.06 ng/ml



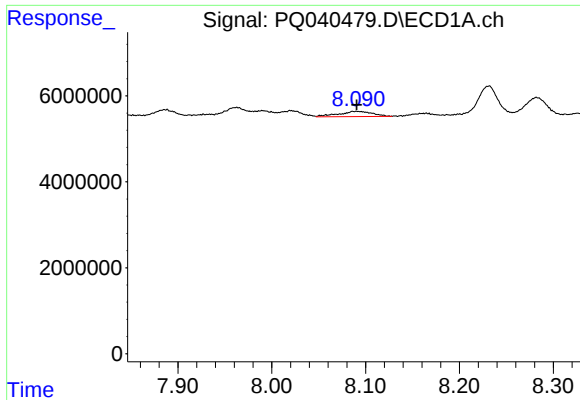
#19 AR-1242-4

R.T.: 7.276 min
Delta R.T.: 0.006 min
Response: 3462261
Conc: 46.03 ng/ml



#19 AR-1242-4

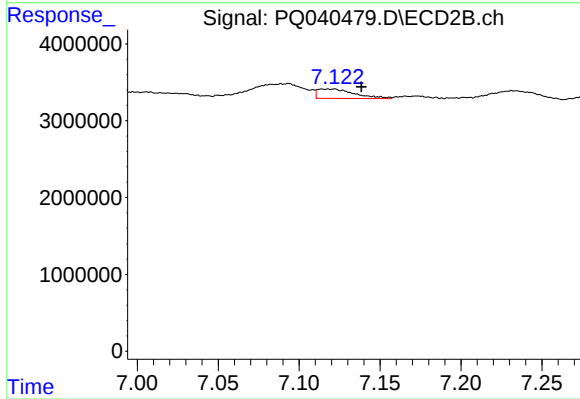
R.T.: 6.532 min
Delta R.T.: 0.007 min
Response: 2541381
Conc: 42.64 ng/ml



#20 AR-1242-5

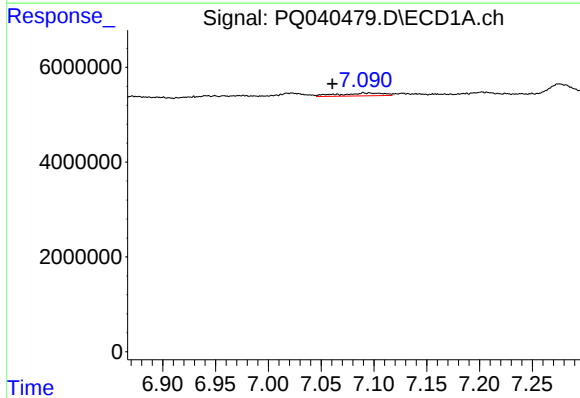
R.T.: 8.090 min
Delta R.T.: 0.000 min
Response: 3017422
Conc: 34.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



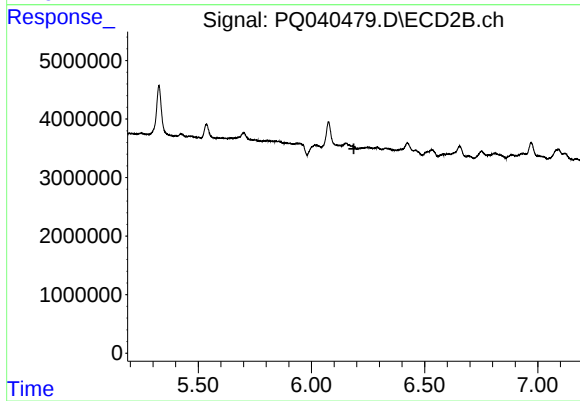
#20 AR-1242-5

R.T.: 7.118 min
Delta R.T.: -0.020 min
Response: 1963068
Conc: 24.36 ng/ml



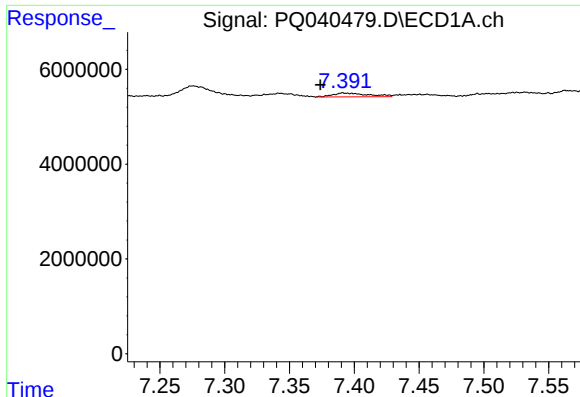
#21 AR-1248-1

R.T.: 7.093 min
Delta R.T.: 0.032 min
Response: 1759560
Conc: 22.73 ng/ml



#21 AR-1248-1

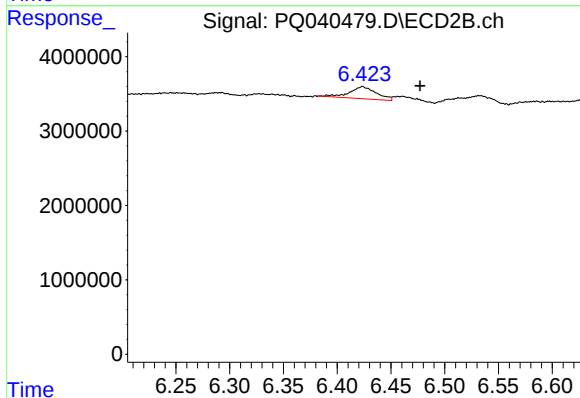
R.T.: 6.246 min
Delta R.T.: 0.058 min
Response: -68449
Conc: N.D.



#22 AR-1248-2

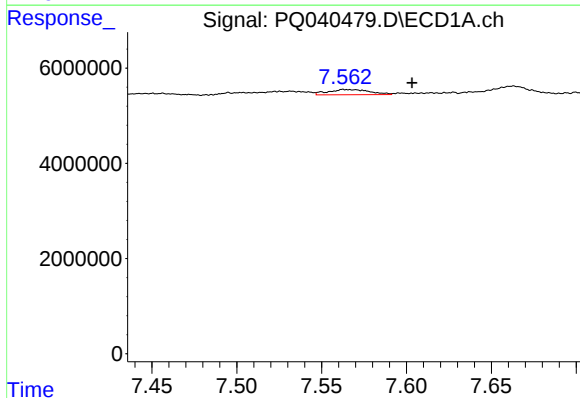
R.T.: 7.393 min
Delta R.T.: 0.019 min
Response: 1539040
Conc: 13.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



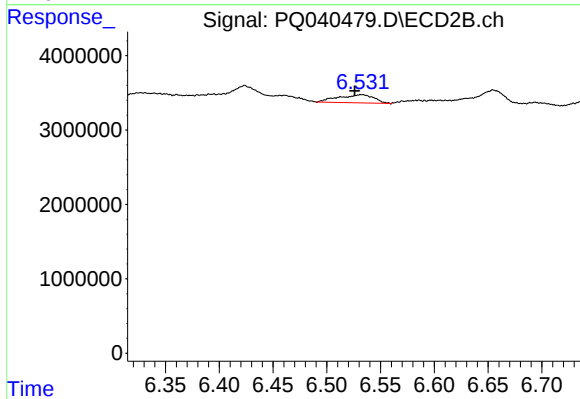
#22 AR-1248-2

R.T.: 6.424 min
Delta R.T.: -0.053 min
Response: 2839102
Conc: 32.29 ng/ml



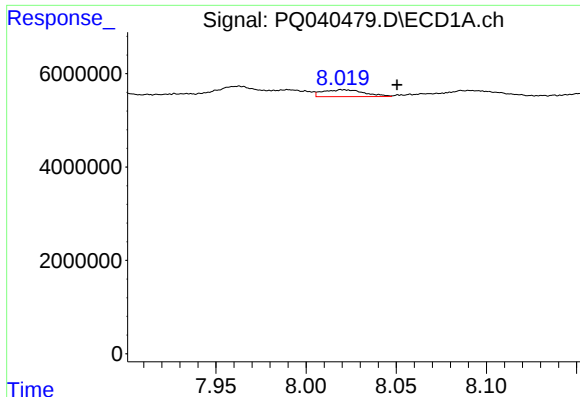
#23 AR-1248-3

R.T.: 7.566 min
Delta R.T.: -0.038 min
Response: 1876723
Conc: 13.60 ng/ml



#23 AR-1248-3

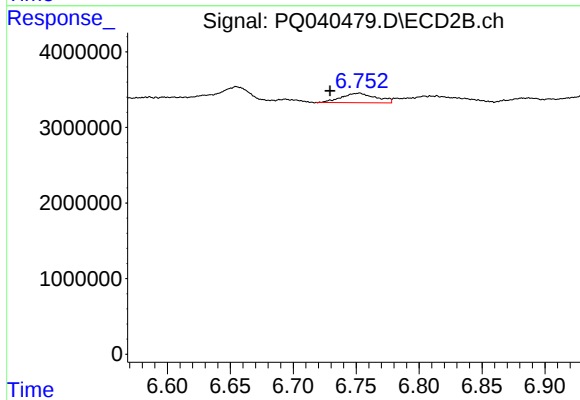
R.T.: 6.532 min
Delta R.T.: 0.006 min
Response: 2541381
Conc: 28.09 ng/ml



#24 AR-1248-4

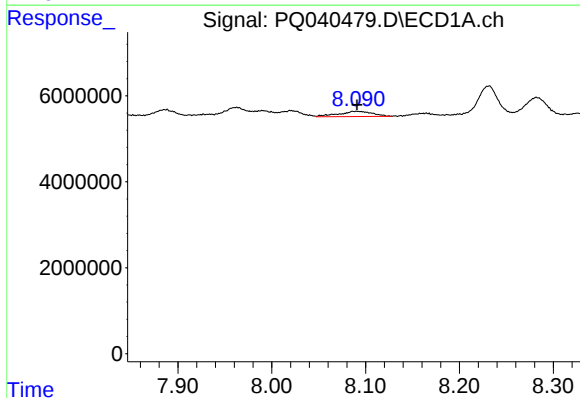
R.T.: 8.021 min
Delta R.T.: -0.029 min
Response: 2352536
Conc: 15.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



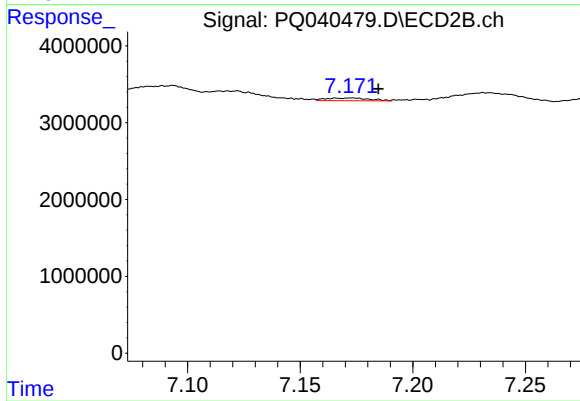
#24 AR-1248-4

R.T.: 6.752 min
Delta R.T.: 0.022 min
Response: 2420234
Conc: 21.92 ng/ml



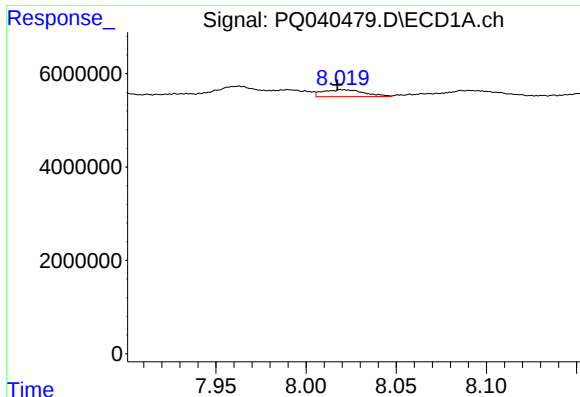
#25 AR-1248-5

R.T.: 8.090 min
Delta R.T.: 0.000 min
Response: 3017422
Conc: 20.04 ng/ml



#25 AR-1248-5

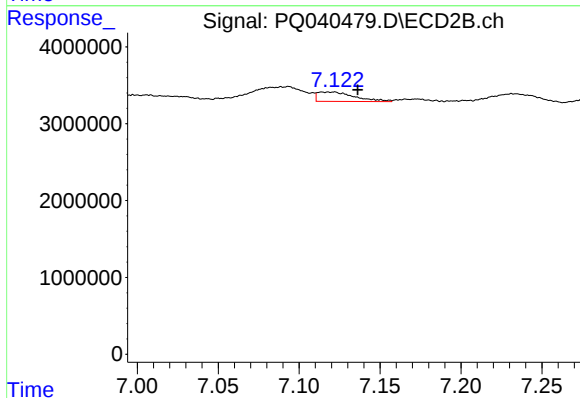
R.T.: 7.172 min
Delta R.T.: -0.013 min
Response: 494652
Conc: 4.36 ng/ml



#26 AR-1254-1

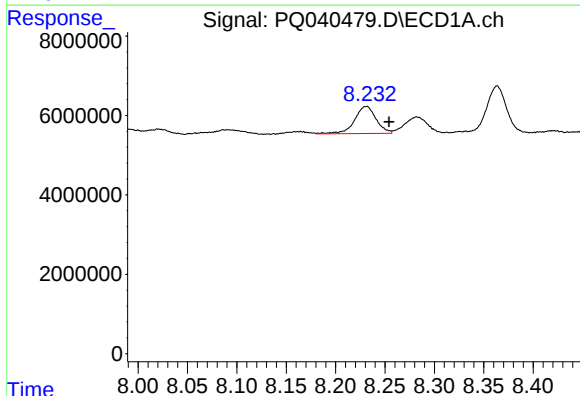
R.T.: 8.021 min
Delta R.T.: 0.004 min
Response: 2352536
Conc: 13.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



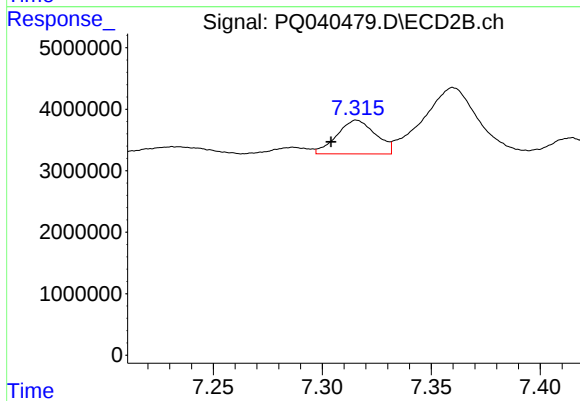
#26 AR-1254-1

R.T.: 7.118 min
Delta R.T.: -0.018 min
Response: 1963068
Conc: 10.25 ng/ml



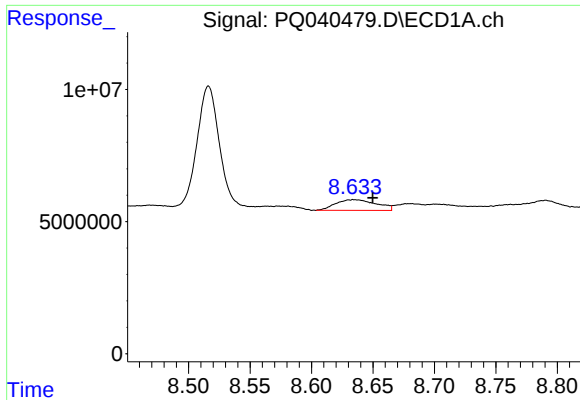
#27 AR-1254-2

R.T.: 8.231 min
Delta R.T.: -0.024 min
Response: 10357907
Conc: 37.45 ng/ml



#27 AR-1254-2

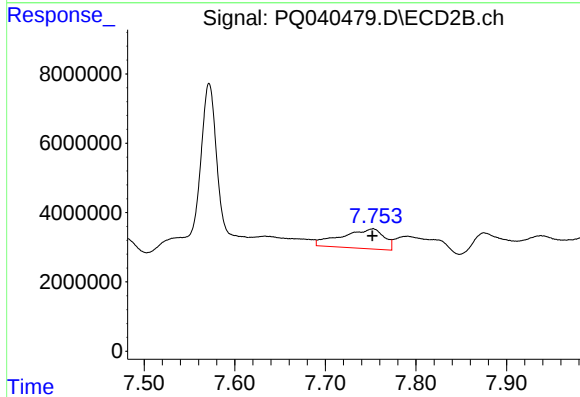
R.T.: 7.316 min
Delta R.T.: 0.012 min
Response: 6799277
Conc: 39.14 ng/ml



#28 AR-1254-3

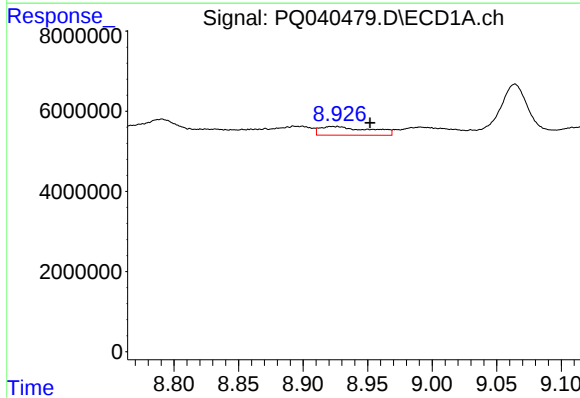
R.T.: 8.634 min
Delta R.T.: -0.015 min
Response: 9397570
Conc: 31.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



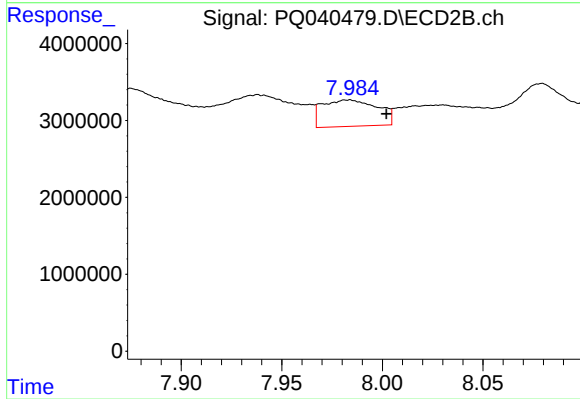
#28 AR-1254-3

R.T.: 7.752 min
Delta R.T.: 0.000 min
Response: 18450663
Conc: 63.85 ng/ml



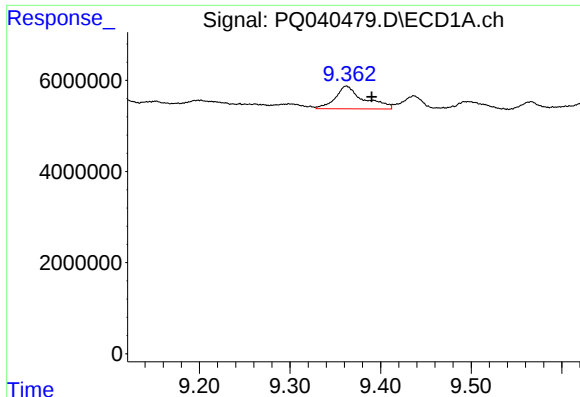
#29 AR-1254-4

R.T.: 8.924 min
Delta R.T.: -0.028 min
Response: 5815513
Conc: 27.98 ng/ml



#29 AR-1254-4

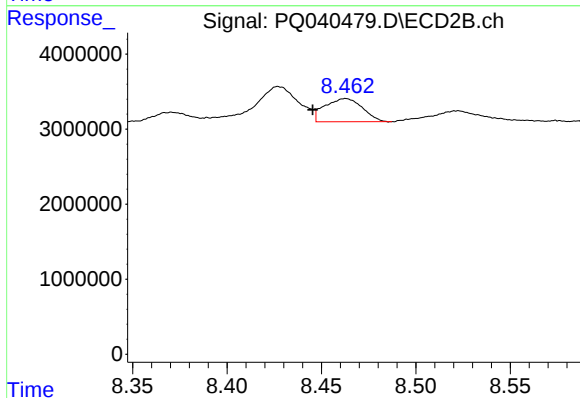
R.T.: 7.983 min
Delta R.T.: -0.019 min
Response: 6577517
Conc: 36.84 ng/ml



#30 AR-1254-5

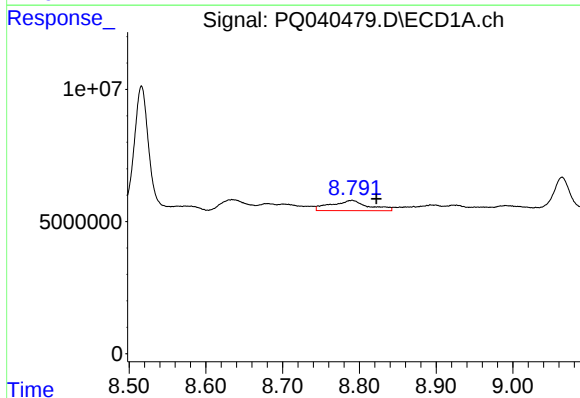
R.T.: 9.362 min
Delta R.T.: -0.028 min
Response: 10910963
Conc: 37.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



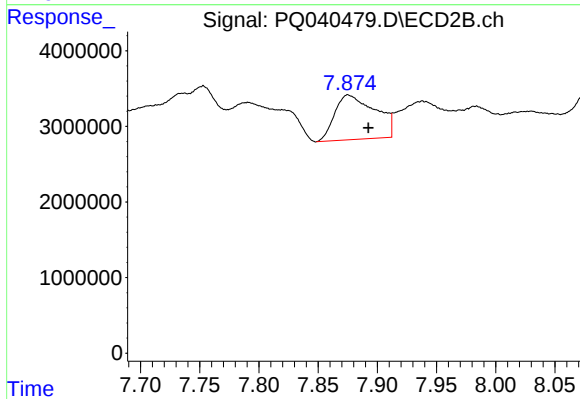
#30 AR-1254-5

R.T.: 8.463 min
Delta R.T.: 0.017 min
Response: 4280225
Conc: 16.61 ng/ml



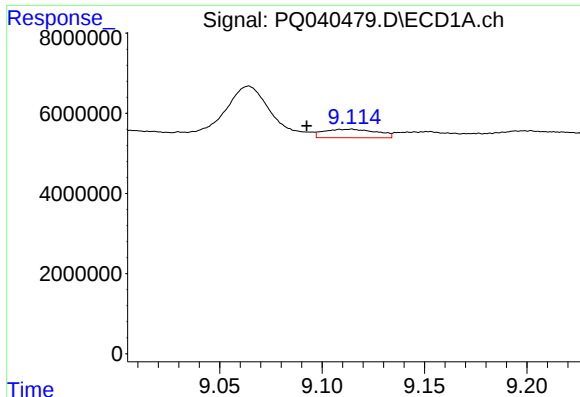
#31 AR-1260-1

R.T.: 8.790 min
Delta R.T.: -0.032 min
Response: 13116047
Conc: 39.46 ng/ml



#31 AR-1260-1

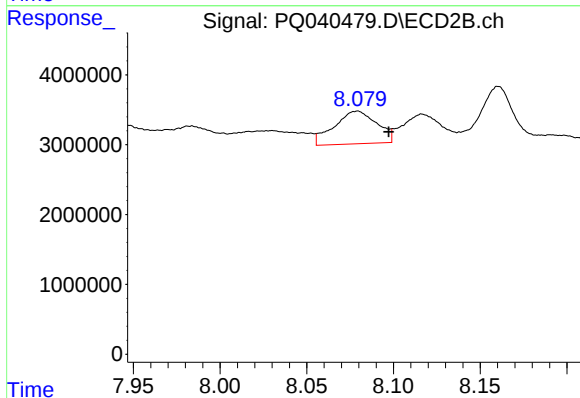
R.T.: 7.876 min
Delta R.T.: -0.016 min
Response: 14063219
Conc: 51.30 ng/ml



#32 AR-1260-2

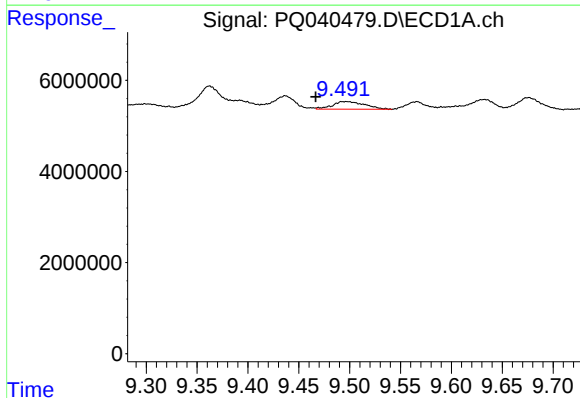
R.T.: 9.113 min
Delta R.T.: 0.020 min
Response: 3778003
Conc: 9.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



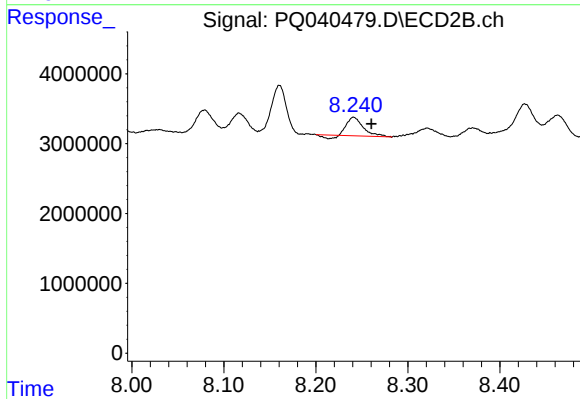
#32 AR-1260-2

R.T.: 8.079 min
Delta R.T.: -0.018 min
Response: 8040640
Conc: 23.24 ng/ml



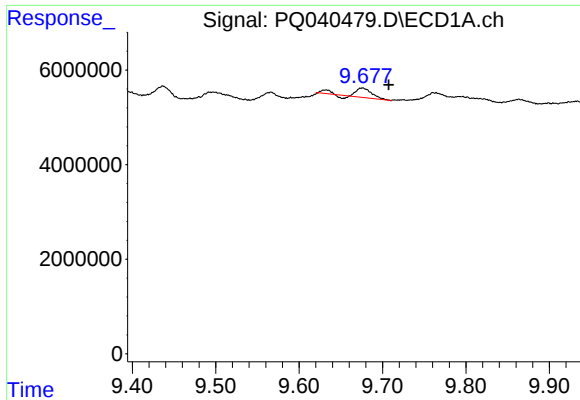
#33 AR-1260-3

R.T.: 9.496 min
Delta R.T.: 0.029 min
Response: 3721820
Conc: 11.28 ng/ml



#33 AR-1260-3

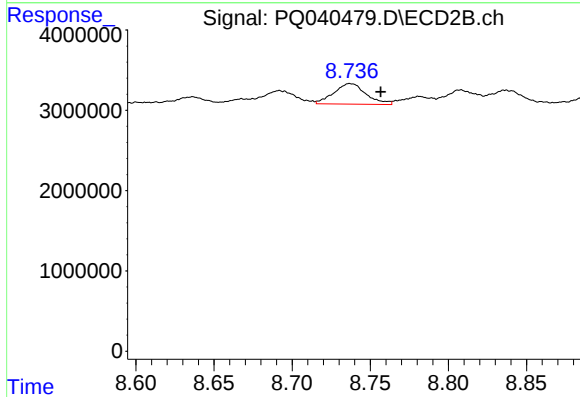
R.T.: 8.241 min
Delta R.T.: -0.019 min
Response: 2963582
Conc: 9.24 ng/ml



#34 AR-1260-4

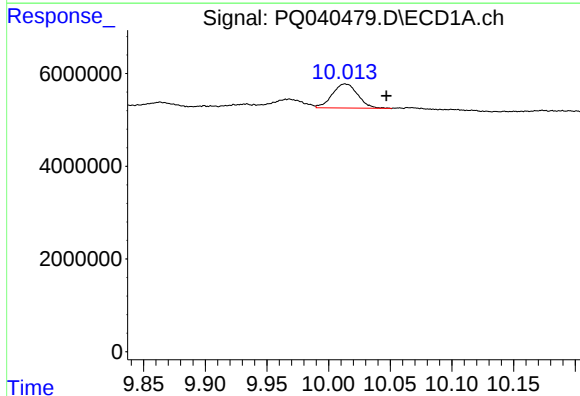
R.T.: 9.676 min
Delta R.T.: -0.032 min
Response: 2577246
Conc: 6.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



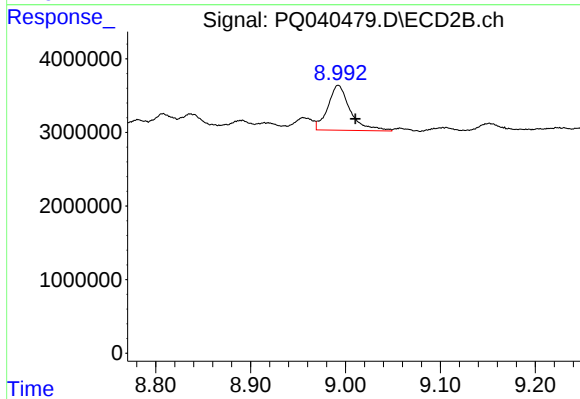
#34 AR-1260-4

R.T.: 8.737 min
Delta R.T.: -0.019 min
Response: 3679703
Conc: 13.54 ng/ml



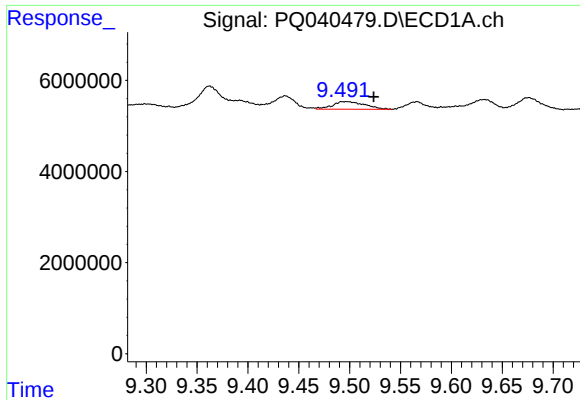
#35 AR-1260-5

R.T.: 10.014 min
Delta R.T.: -0.033 min
Response: 7472925
Conc: 9.70 ng/ml



#35 AR-1260-5

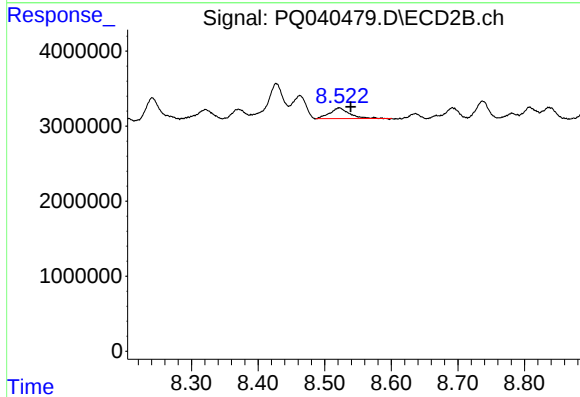
R.T.: 8.992 min
Delta R.T.: -0.018 min
Response: 10053589
Conc: 14.96 ng/ml



#36 AR-1262-1

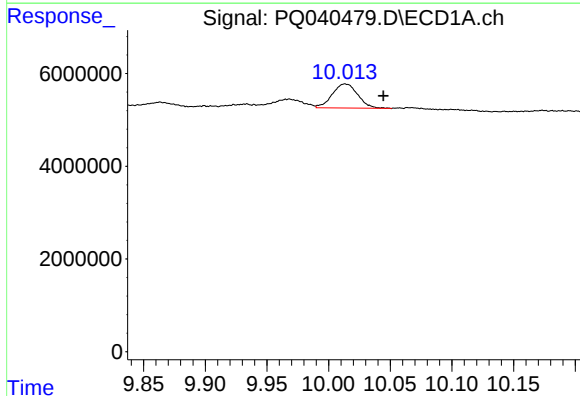
R.T.: 9.496 min
Delta R.T.: -0.028 min
Response: 3721820
Conc: 26.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



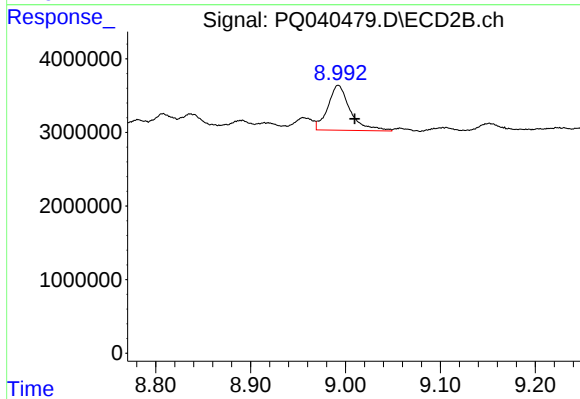
#36 AR-1262-1

R.T.: 8.522 min
Delta R.T.: -0.017 min
Response: 2899200
Conc: 25.53 ng/ml



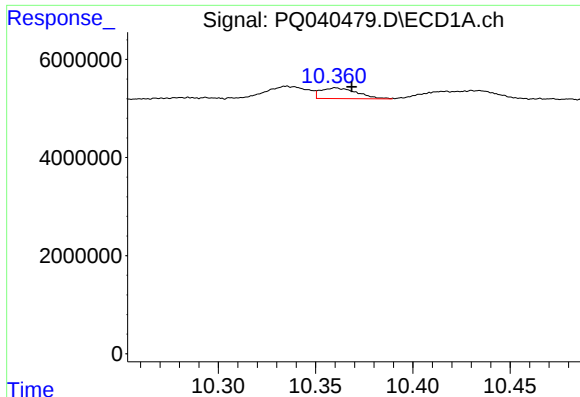
#37 AR-1262-2

R.T.: 10.014 min
Delta R.T.: -0.031 min
Response: 7472925
Conc: 12.91 ng/ml



#37 AR-1262-2

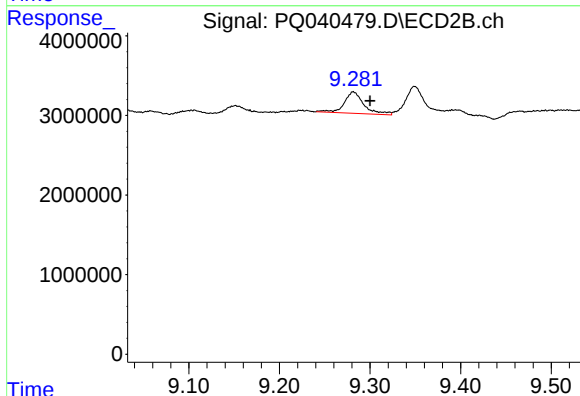
R.T.: 8.992 min
Delta R.T.: -0.017 min
Response: 10053589
Conc: 20.26 ng/ml



#38 AR-1262-3

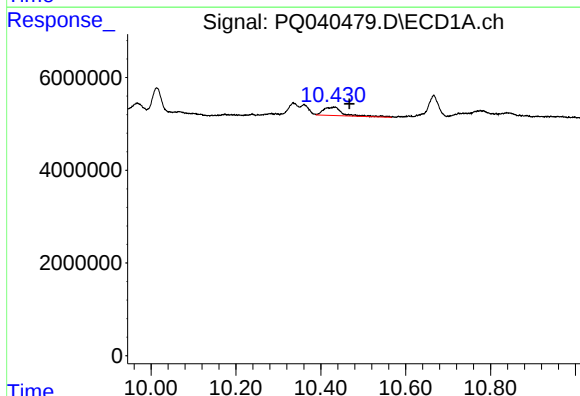
R.T.: 10.361 min
Delta R.T.: -0.008 min
Response: 2833792
Conc: 6.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



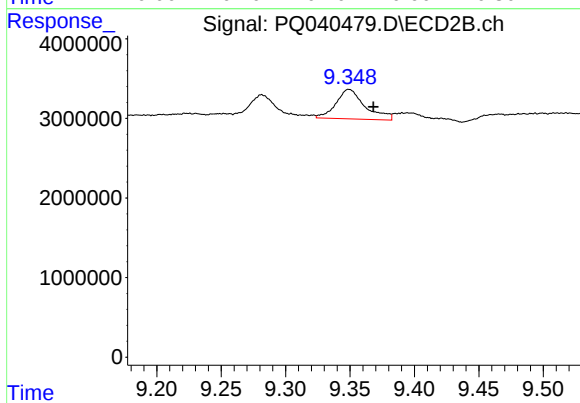
#38 AR-1262-3

R.T.: 9.282 min
Delta R.T.: -0.018 min
Response: 4051454
Conc: 19.27 ng/ml



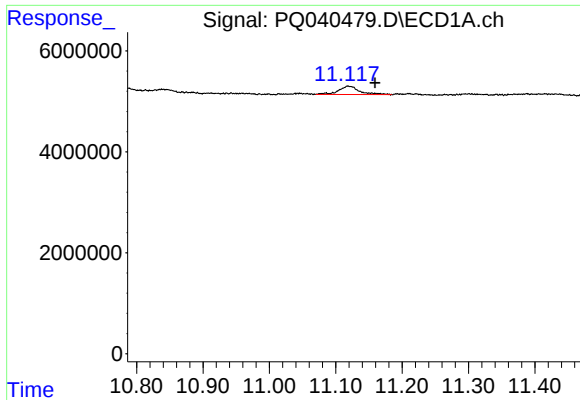
#39 AR-1262-4

R.T.: 10.432 min
Delta R.T.: -0.035 min
Response: 5602532
Conc: 14.83 ng/ml



#39 AR-1262-4

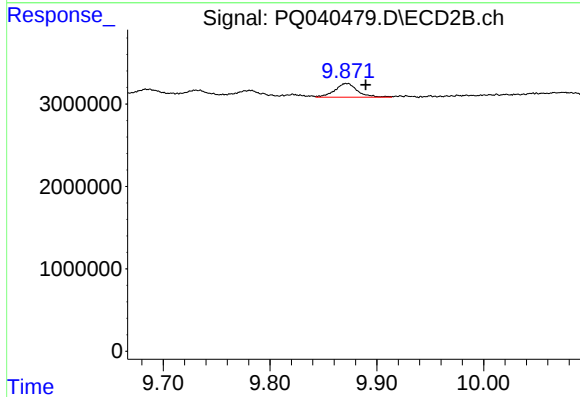
R.T.: 9.349 min
Delta R.T.: -0.019 min
Response: 5789375
Conc: 15.29 ng/ml



#40 AR-1262-5

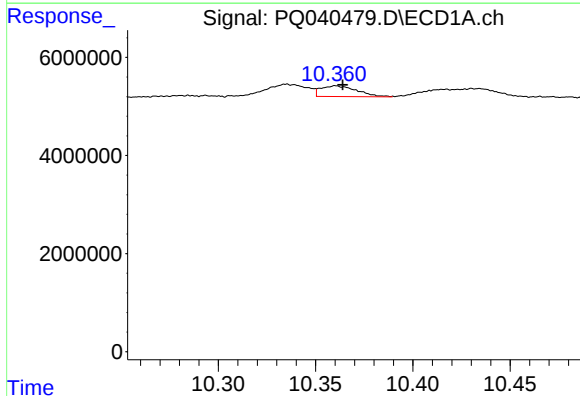
R.T.: 11.120 min
Delta R.T.: -0.040 min
Response: 3694045
Conc: 15.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



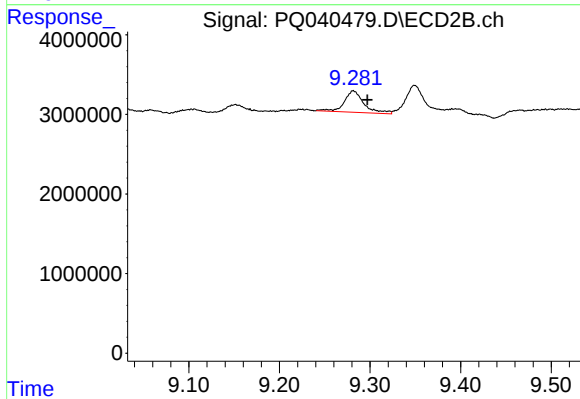
#40 AR-1262-5

R.T.: 9.872 min
Delta R.T.: -0.018 min
Response: 2462636
Conc: 15.19 ng/ml



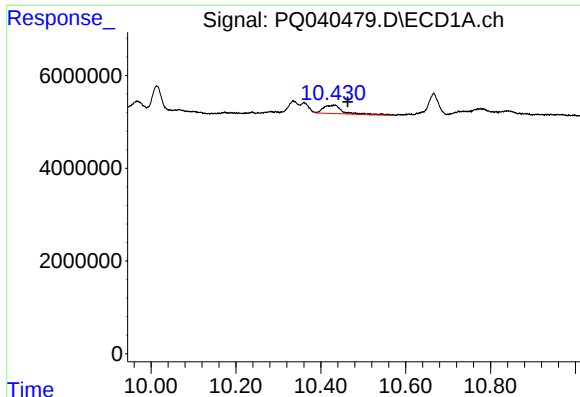
#41 AR-1268-1

R.T.: 10.361 min
Delta R.T.: -0.003 min
Response: 2833792
Conc: 4.70 ng/ml



#41 AR-1268-1

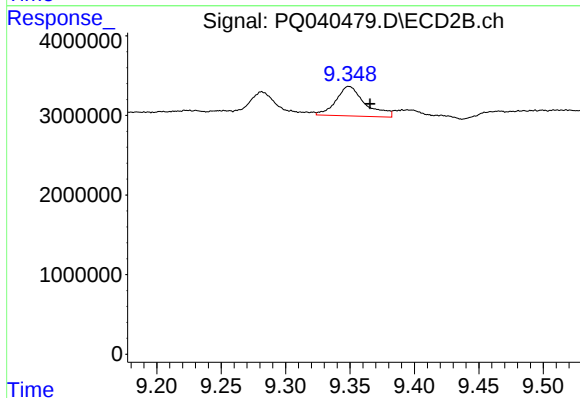
R.T.: 9.282 min
Delta R.T.: -0.015 min
Response: 4051454
Conc: 8.88 ng/ml



#42 AR-1268-2

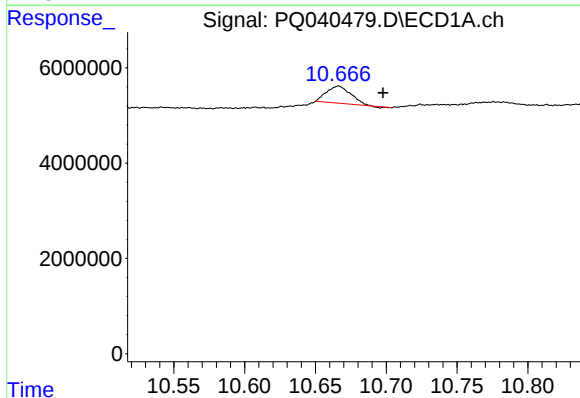
R.T.: 10.432 min
Delta R.T.: -0.032 min
Response: 5602532
Conc: 9.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



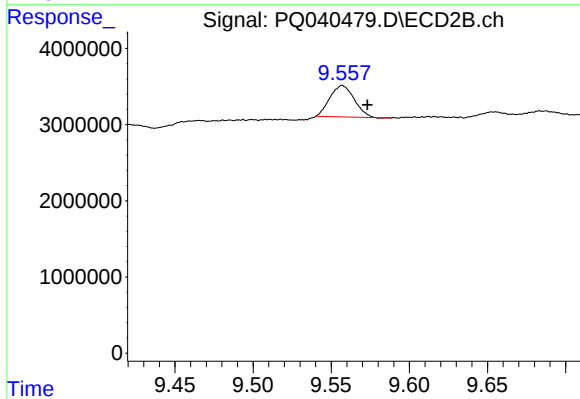
#42 AR-1268-2

R.T.: 9.349 min
Delta R.T.: -0.016 min
Response: 5789375
Conc: 13.24 ng/ml



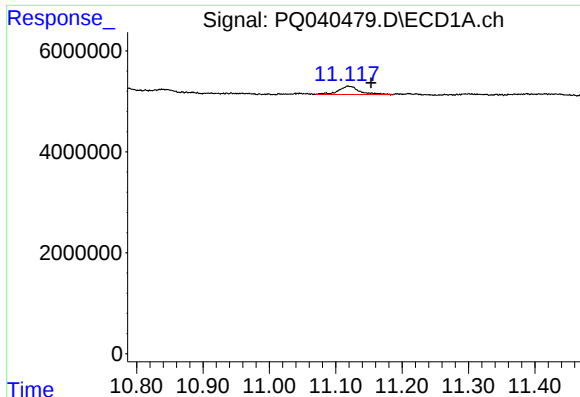
#43 AR-1268-3

R.T.: 10.666 min
Delta R.T.: -0.032 min
Response: 4242231
Conc: 7.81 ng/ml



#43 AR-1268-3

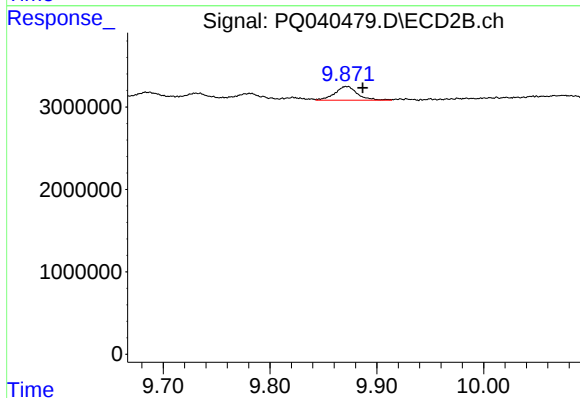
R.T.: 9.557 min
Delta R.T.: -0.016 min
Response: 4493530
Conc: 11.97 ng/ml



#44 AR-1268-4

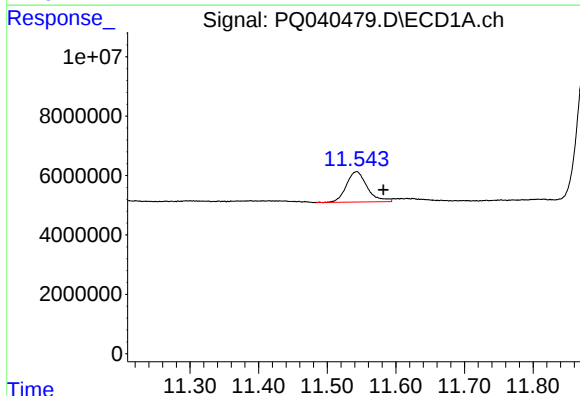
R.T.: 11.120 min
Delta R.T.: -0.034 min
Response: 3694045
Conc: 18.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



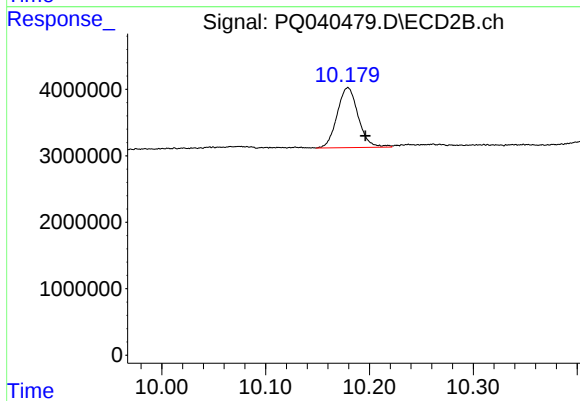
#44 AR-1268-4

R.T.: 9.872 min
Delta R.T.: -0.015 min
Response: 2462636
Conc: 17.87 ng/ml



#45 AR-1268-5

R.T.: 11.543 min
Delta R.T.: -0.039 min
Response: 21797275
Conc: 11.80 ng/ml



#45 AR-1268-5

R.T.: 10.179 min
Delta R.T.: -0.017 min
Response: 12705391
Conc: 10.77 ng/ml