

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ053119\
 Data File : PQ040475.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 May 2019 14:07
 Operator : SM\AJ
 Sample : K3101-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETMZ6

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 01 00:28:51 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...	5.585	4.727	47717077	36049657	14.566	16.785
2)	SA Decachlor...	11.882	10.444	149.5E6	88306788	20.922	21.237
Target Compounds							
3)	L1 AR-1016-1	7.039	6.192	7064633	952923	42.229	7.429 #
4)	L1 AR-1016-2	7.092	6.192	1352612	952923	5.145	4.937
5)	L1 AR-1016-3	7.162	6.395	4124785	11651919	24.167	108.039 #
6)	L1 AR-1016-4	7.279	6.459	5482966	1081350	39.667	12.699 #
7)	L1 AR-1016-5	7.580	6.749	9966946	3094707	71.847	26.878 #
8)	L2 AR-1221-1	0.000	5.023	0	1247736	N.D.	50.914 #
9)	L2 AR-1221-2	5.977	5.166	444919	507585	20.194	31.164 #
10)	L2 AR-1221-3	0.000	5.244	0	211063	N.D.	3.471 #
11)	L3 AR-1232-1	0.000	5.244	0	211063	N.D.	4.606 #
12)	L3 AR-1232-2	0.000	6.192	0	952923	N.D.	15.886 #
13)	L3 AR-1232-3	7.092	6.395	1352612	11651919	16.738	331.323 #
14)	L3 AR-1232-4	7.279	6.536	5482966	20776271	131.176	703.130 #
15)	L3 AR-1232-5	7.399	6.749	2691419	3094707	84.923	102.799
16)	L4 AR-1242-1	7.039	6.192	7064633	952923	72.864	12.886 #
17)	L4 AR-1242-2	7.092	6.192	1352612	952923	9.359	8.951
18)	L4 AR-1242-3	7.162	6.395	4124785	11651919	44.309	193.154 #
19)	L4 AR-1242-4	7.279	6.536	5482966	20776271	72.902	348.593 #
20)	L4 AR-1242-5	8.102	7.131	39935934	68582901	460.656	851.027 #
21)	L5 AR-1248-1	7.039	6.192	7064633	952923	91.271	16.537 #
22)	L5 AR-1248-2	7.399	6.459	2691419	1081350	23.896	12.299 #
23)	L5 AR-1248-3	7.580	6.536	9966946	20776271	72.210	229.614 #
24)	L5 AR-1248-4	8.020	6.749	209.5E6	3094707	1387.718	28.024 #
25)	L5 AR-1248-5	8.102	7.171	39935934	6446982	265.252	56.784 #
26)	L6 AR-1254-1	8.020	7.131	209.5E6	68582901	1201.320	358.068 #
27)	L6 AR-1254-2	8.239	7.311	111.0E6	21273646	401.259	122.452 #
28)	L6 AR-1254-3	8.625	7.752	61608710	8115658	207.587	28.084 #
29)	L6 AR-1254-4	8.998	8.007	24825498	12569771	119.452	70.400 #
30)	L6 AR-1254-5	9.362	8.428	31754707	20459975	110.262	79.416 #
31)	L7 AR-1260-1	8.841	7.878	6828001	18344524	20.541	66.917 #
32)	L7 AR-1260-2	9.114	8.078	45064341	13223245	111.554	38.227 #
33)	L7 AR-1260-3	9.430	8.244	15832832	5874871	47.995	18.319 #
34)	L7 AR-1260-4	9.674	8.737	-5527291	6316089	N.D.	23.245 #
35)	L7 AR-1260-5	10.013	8.994	19997527	27127087	25.969	40.357 #
36)	L8 AR-1262-1	9.511	8.550	13958136	9098590	100.408	80.131
37)	L8 AR-1262-2	10.013	8.994	19997527	27127087	34.553	54.676 #
38)	L8 AR-1262-3	10.360	9.282	7482513	6092722	17.697	28.978 #
39)	L8 AR-1262-4	10.428	9.349	10518275	9914220	27.848	26.185
40)	L8 AR-1262-5	11.163	9.870	1931783	5858445	8.222	36.134 #
41)	L9 AR-1268-1	10.360	9.282	7482513	6092722	12.422	13.351

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ053119\
 Data File : PQ040475.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 May 2019 14:07
 Operator : SM\AJ
 Sample : K3101-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

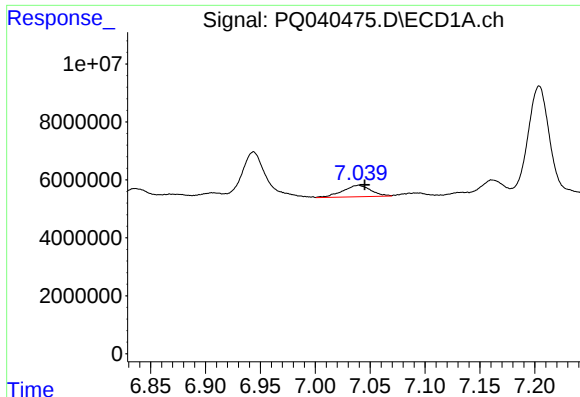
Instrument :
 ECD_Q
 ClientSampleId :
 ETMZ6

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 01 00:28:51 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
42) L9	AR-1268-2	10.428	9.349	10518275	9914220	17.094	22.677 #
43) L9	AR-1268-3	10.731	9.557	3588893	7209610	6.607	19.205 #
44) L9	AR-1268-4	11.163	9.870	1931783	5858445	9.471	42.519 #
45) L9	AR-1268-5	11.541	10.179	33475490	20061177	18.116	16.998

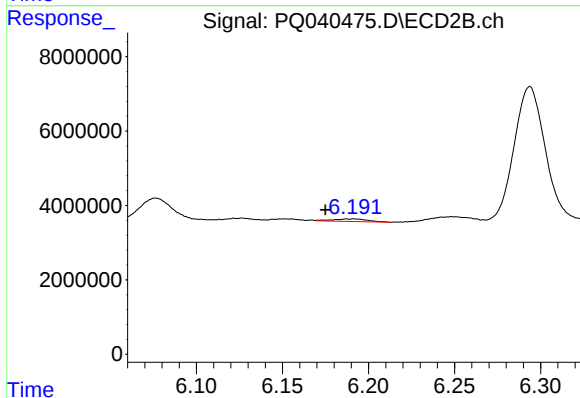
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

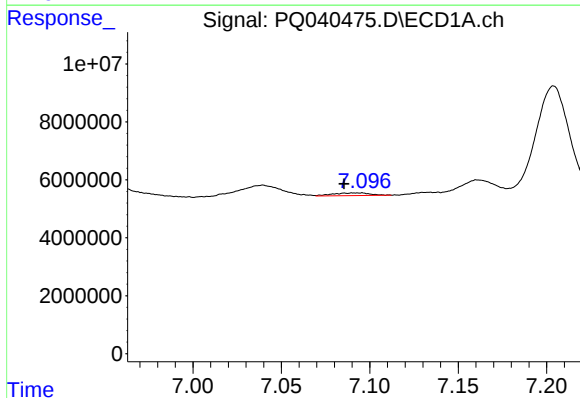
R.T.: 7.039 min
Delta R.T.: -0.006 min
Response: 7064633
Conc: 42.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMZ6



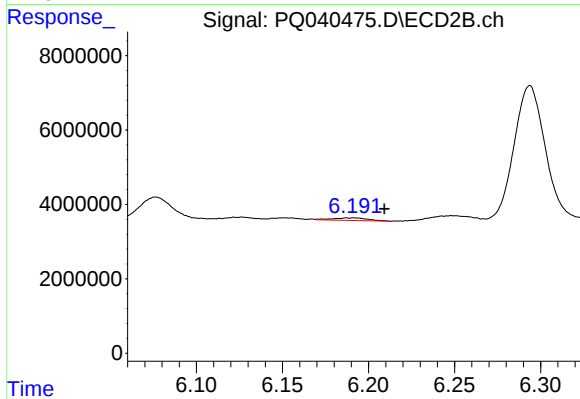
#3 AR-1016-1

R.T.: 6.192 min
Delta R.T.: 0.017 min
Response: 952923
Conc: 7.43 ng/ml



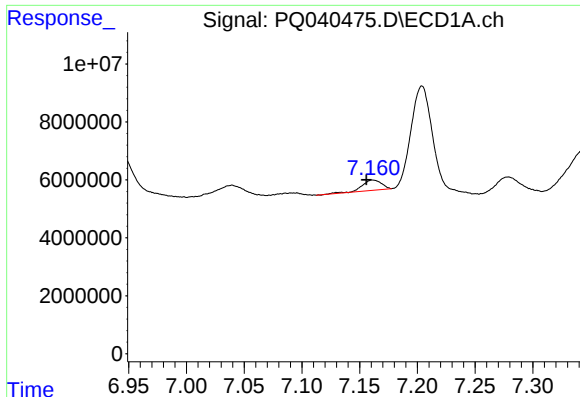
#4 AR-1016-2

R.T.: 7.092 min
Delta R.T.: 0.007 min
Response: 1352612
Conc: 5.14 ng/ml



#4 AR-1016-2

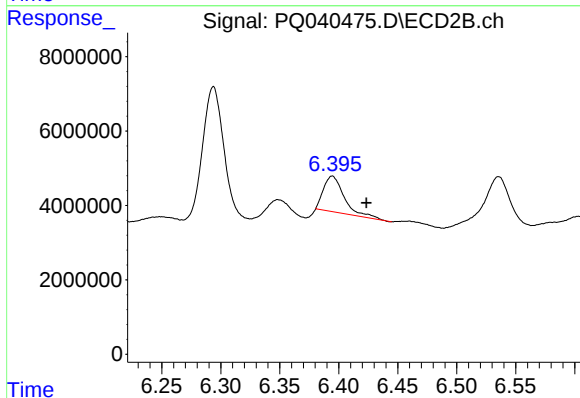
R.T.: 6.192 min
Delta R.T.: -0.018 min
Response: 952923
Conc: 4.94 ng/ml



#5 AR-1016-3

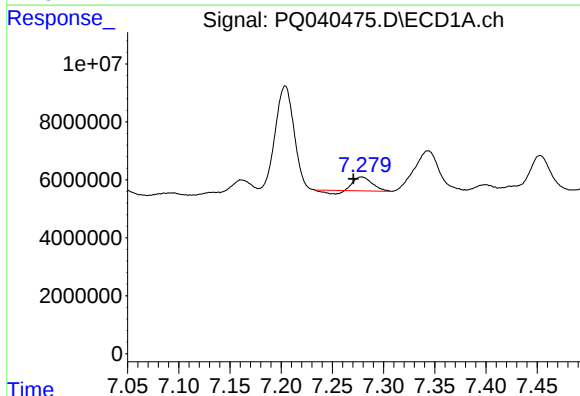
R.T.: 7.162 min
Delta R.T.: 0.006 min
Response: 4124785
Conc: 24.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMZ6



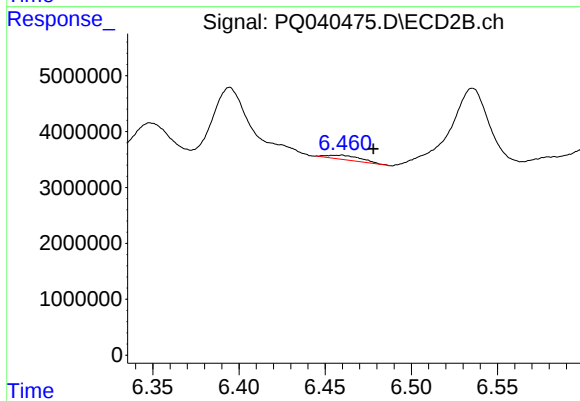
#5 AR-1016-3

R.T.: 6.395 min
Delta R.T.: -0.029 min
Response: 11651919
Conc: 108.04 ng/ml



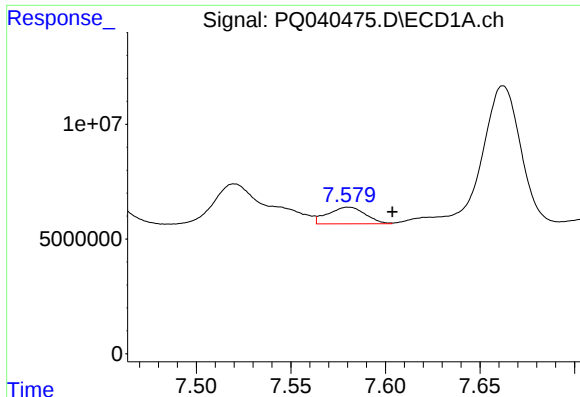
#6 AR-1016-4

R.T.: 7.279 min
Delta R.T.: 0.008 min
Response: 5482966
Conc: 39.67 ng/ml



#6 AR-1016-4

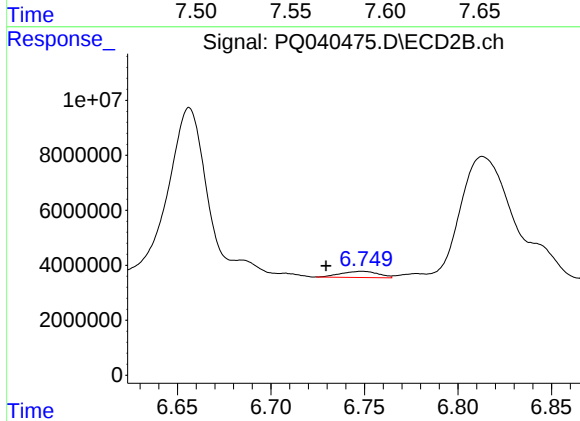
R.T.: 6.459 min
Delta R.T.: -0.019 min
Response: 1081350
Conc: 12.70 ng/ml



#7 AR-1016-5

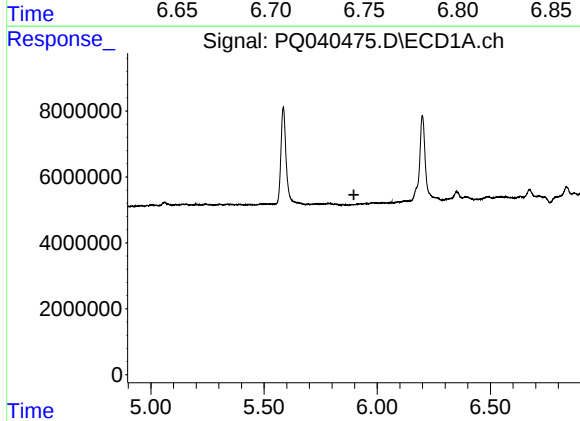
R.T.: 7.580 min
Delta R.T.: -0.023 min
Response: 9966946
Conc: 71.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMZ6



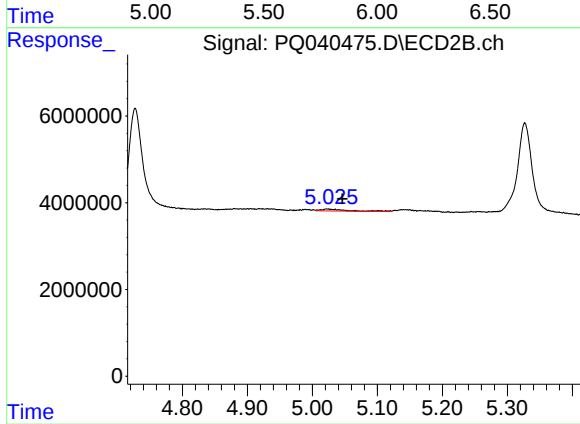
#7 AR-1016-5

R.T.: 6.749 min
Delta R.T.: 0.019 min
Response: 3094707
Conc: 26.88 ng/ml



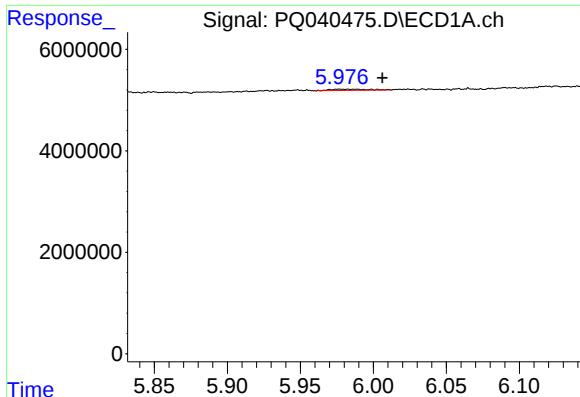
#8 AR-1221-1

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



#8 AR-1221-1

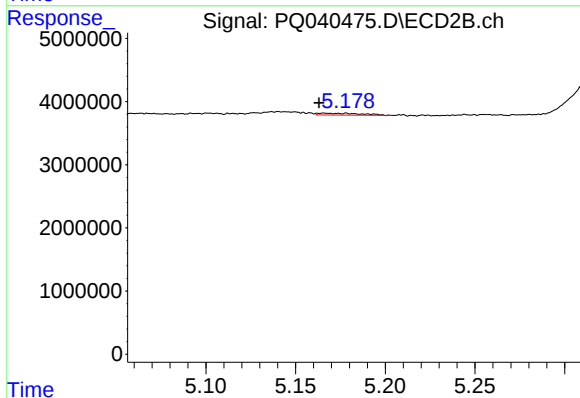
R.T.: 5.023 min
Delta R.T.: -0.024 min
Response: 1247736
Conc: 50.91 ng/ml



#9 AR-1221-2

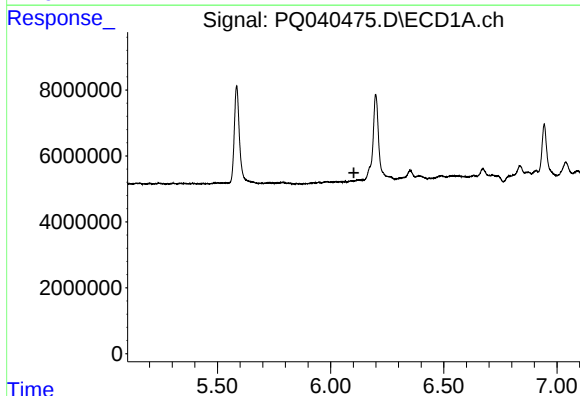
R.T.: 5.977 min
Delta R.T.: -0.029 min
Response: 444919
Conc: 20.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMZ6



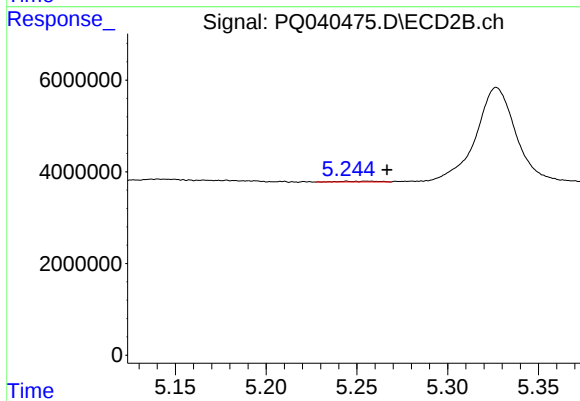
#9 AR-1221-2

R.T.: 5.166 min
Delta R.T.: 0.003 min
Response: 507585
Conc: 31.16 ng/ml



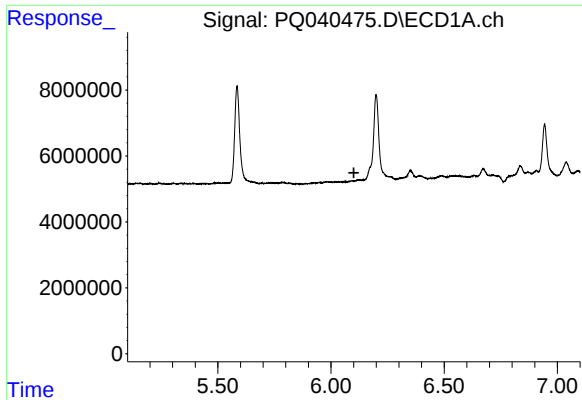
#10 AR-1221-3

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



#10 AR-1221-3

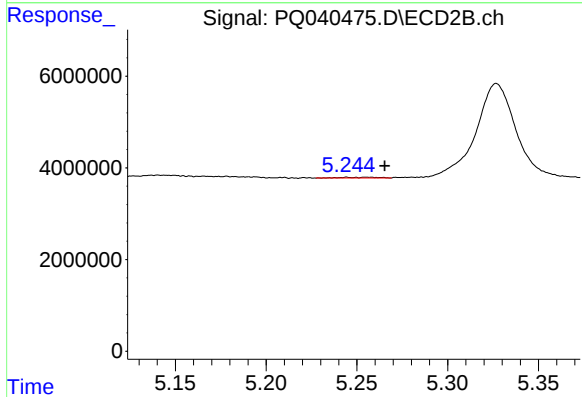
R.T.: 5.244 min
Delta R.T.: -0.022 min
Response: 211063
Conc: 3.47 ng/ml



#11 AR-1232-1

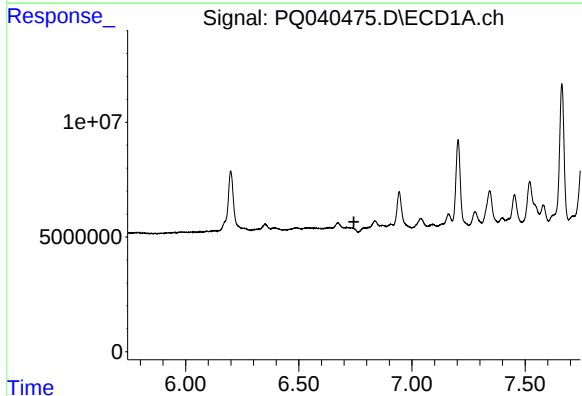
R.T.: 0.000 min
Exp R.T.: 6.101 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMZ6



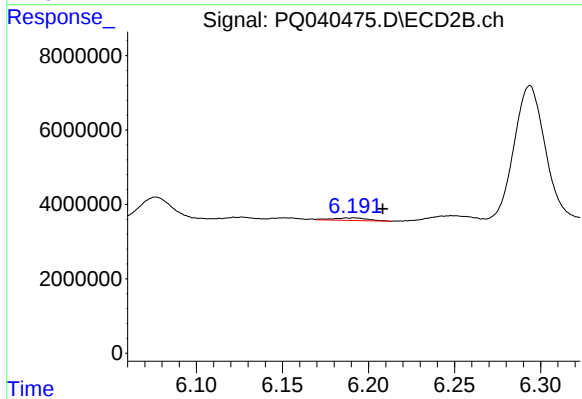
#11 AR-1232-1

R.T.: 5.244 min
Delta R.T.: -0.021 min
Response: 211063
Conc: 4.61 ng/ml



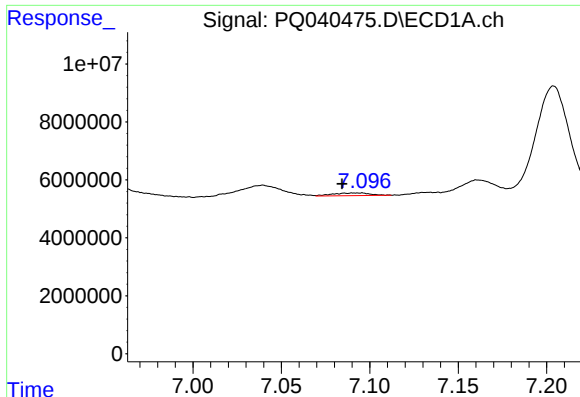
#12 AR-1232-2

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



#12 AR-1232-2

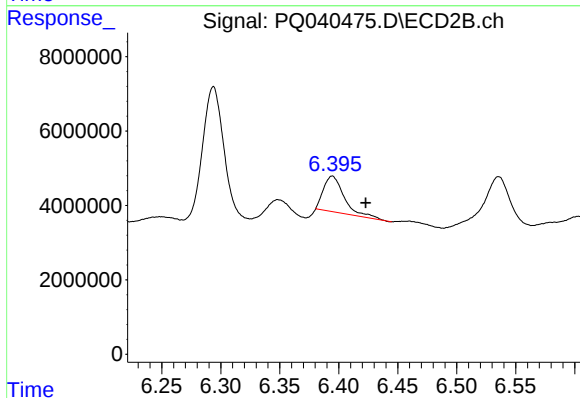
R.T.: 6.192 min
Delta R.T.: -0.017 min
Response: 952923
Conc: 15.89 ng/ml



#13 AR-1232-3

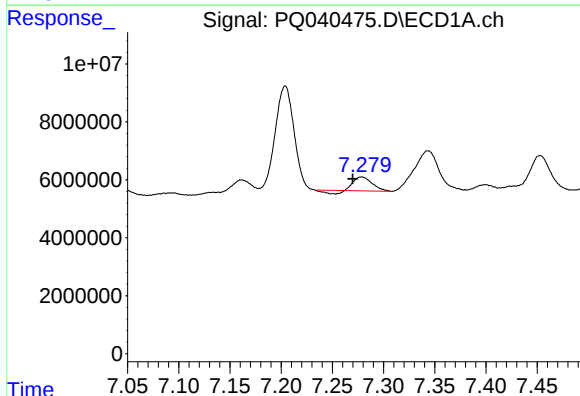
R.T.: 7.092 min
Delta R.T.: 0.008 min
Response: 1352612
Conc: 16.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMZ6



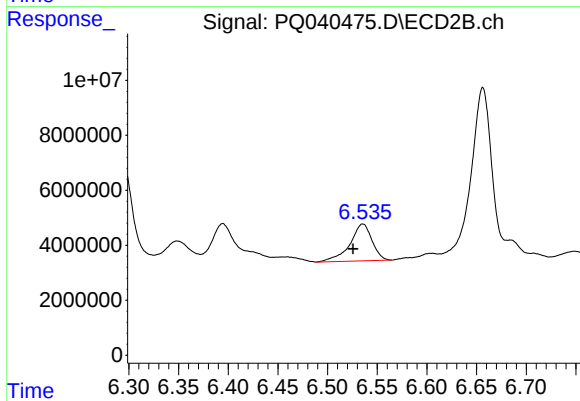
#13 AR-1232-3

R.T.: 6.395 min
Delta R.T.: -0.028 min
Response: 11651919
Conc: 331.32 ng/ml



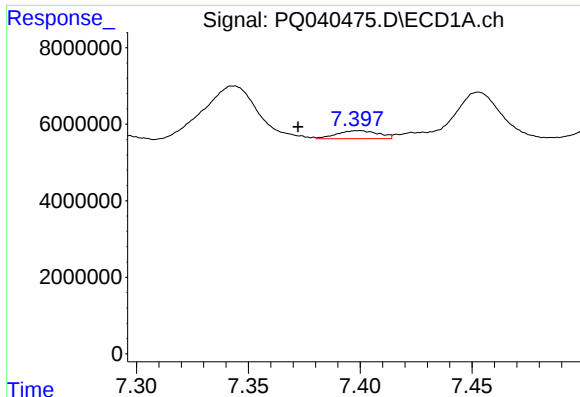
#14 AR-1232-4

R.T.: 7.279 min
Delta R.T.: 0.009 min
Response: 5482966
Conc: 131.18 ng/ml



#14 AR-1232-4

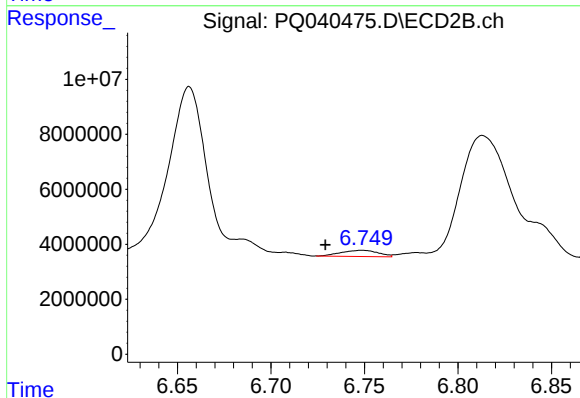
R.T.: 6.536 min
Delta R.T.: 0.010 min
Response: 20776271
Conc: 703.13 ng/ml



#15 AR-1232-5

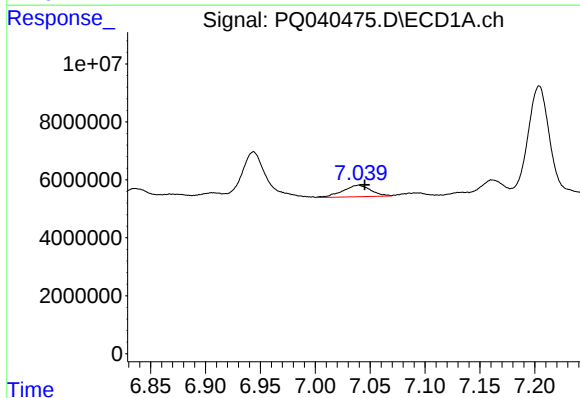
R.T.: 7.399 min
Delta R.T.: 0.027 min
Response: 2691419
Conc: 84.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMZ6



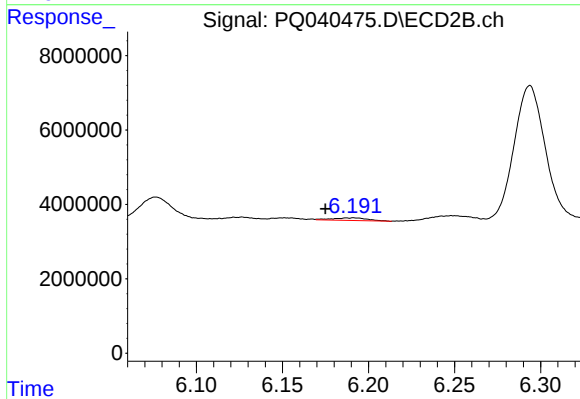
#15 AR-1232-5

R.T.: 6.749 min
Delta R.T.: 0.020 min
Response: 3094707
Conc: 102.80 ng/ml



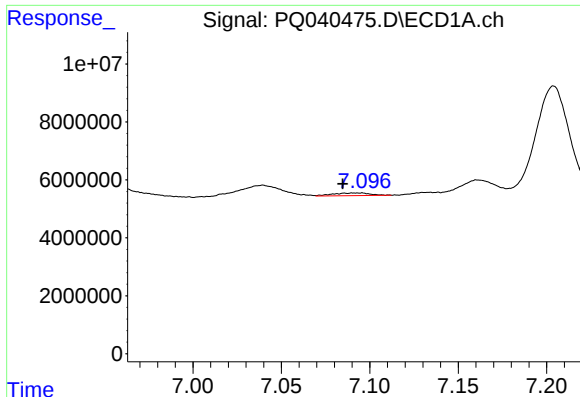
#16 AR-1242-1

R.T.: 7.039 min
Delta R.T.: -0.006 min
Response: 7064633
Conc: 72.86 ng/ml



#16 AR-1242-1

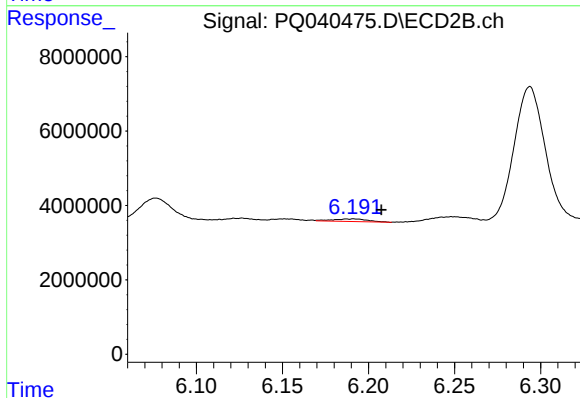
R.T.: 6.192 min
Delta R.T.: 0.017 min
Response: 952923
Conc: 12.89 ng/ml



#17 AR-1242-2

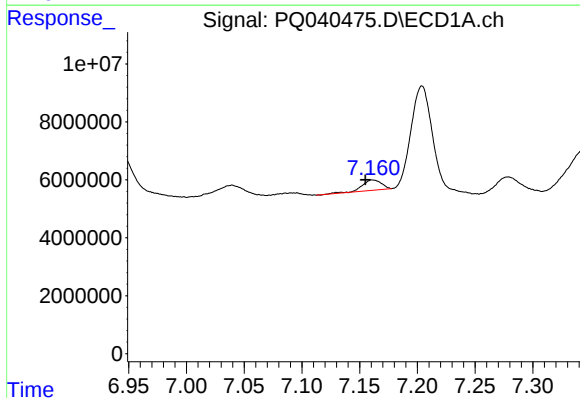
R.T.: 7.092 min
Delta R.T.: 0.008 min
Response: 1352612
Conc: 9.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMZ6



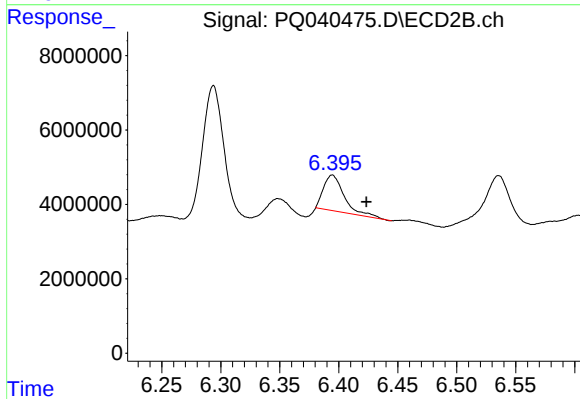
#17 AR-1242-2

R.T.: 6.192 min
Delta R.T.: -0.016 min
Response: 952923
Conc: 8.95 ng/ml



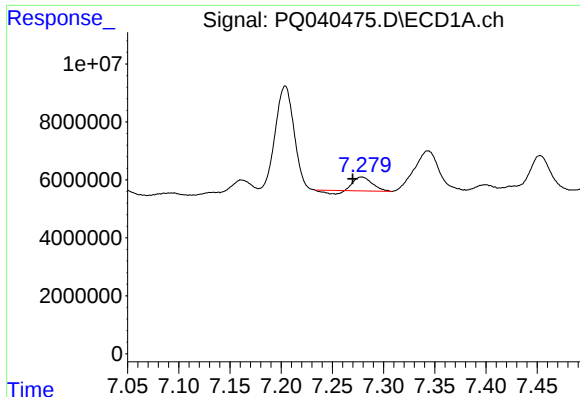
#18 AR-1242-3

R.T.: 7.162 min
Delta R.T.: 0.007 min
Response: 4124785
Conc: 44.31 ng/ml



#18 AR-1242-3

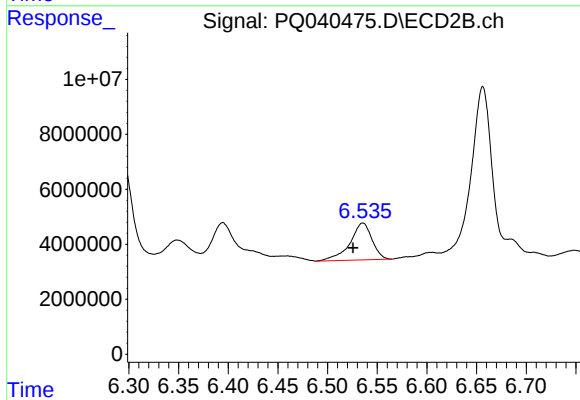
R.T.: 6.395 min
Delta R.T.: -0.029 min
Response: 11651919
Conc: 193.15 ng/ml



#19 AR-1242-4

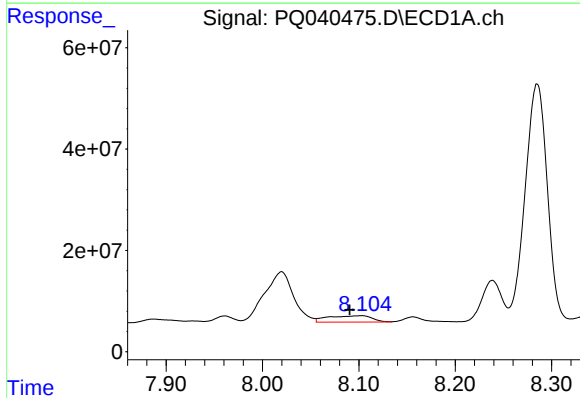
R.T.: 7.279 min
Delta R.T.: 0.009 min
Response: 5482966
Conc: 72.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMZ6



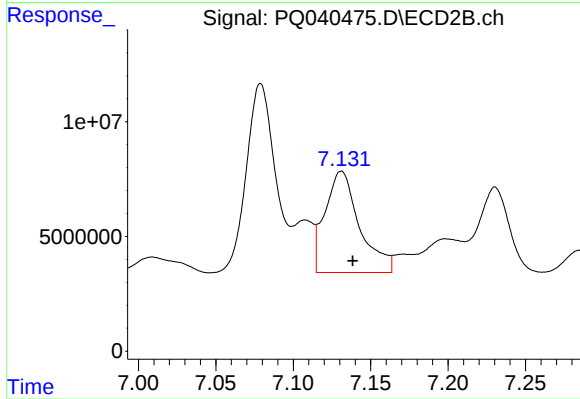
#19 AR-1242-4

R.T.: 6.536 min
Delta R.T.: 0.010 min
Response: 20776271
Conc: 348.59 ng/ml



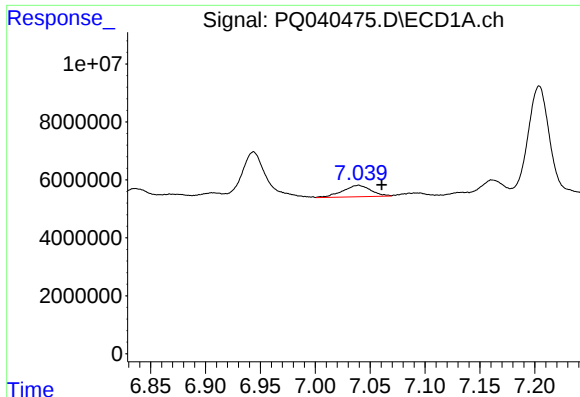
#20 AR-1242-5

R.T.: 8.102 min
Delta R.T.: 0.011 min
Response: 39935934
Conc: 460.66 ng/ml



#20 AR-1242-5

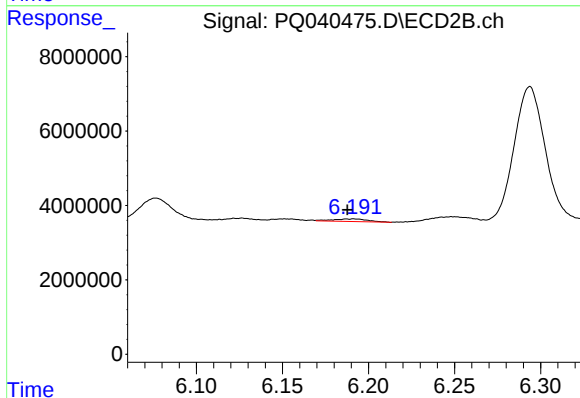
R.T.: 7.131 min
Delta R.T.: -0.007 min
Response: 68582901
Conc: 851.03 ng/ml



#21 AR-1248-1

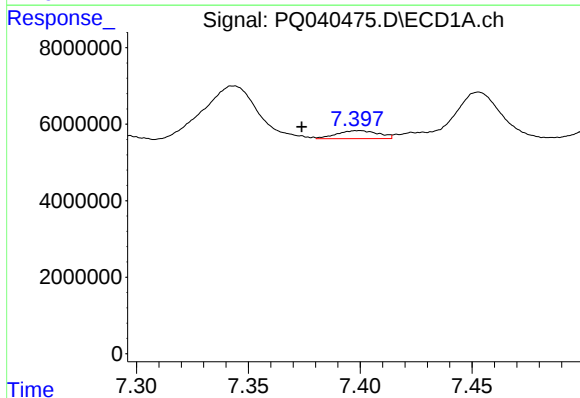
R.T.: 7.039 min
Delta R.T.: -0.022 min
Response: 7064633
Conc: 91.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMZ6



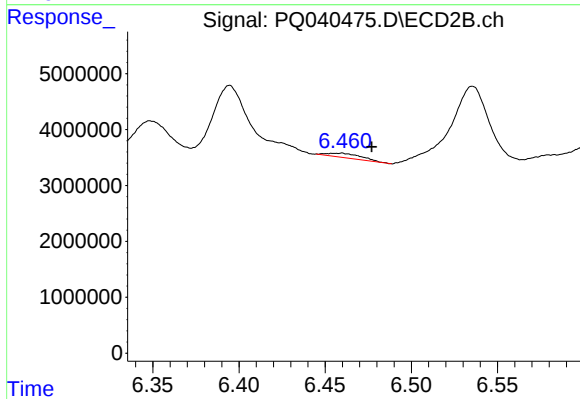
#21 AR-1248-1

R.T.: 6.192 min
Delta R.T.: 0.004 min
Response: 952923
Conc: 16.54 ng/ml



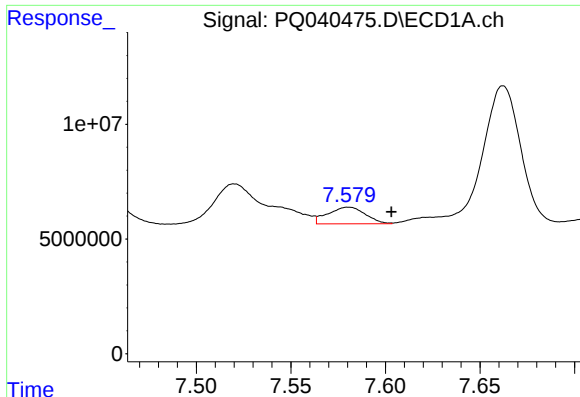
#22 AR-1248-2

R.T.: 7.399 min
Delta R.T.: 0.025 min
Response: 2691419
Conc: 23.90 ng/ml



#22 AR-1248-2

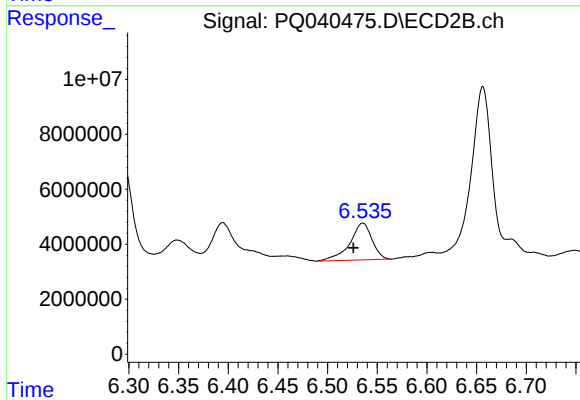
R.T.: 6.459 min
Delta R.T.: -0.018 min
Response: 1081350
Conc: 12.30 ng/ml



#23 AR-1248-3

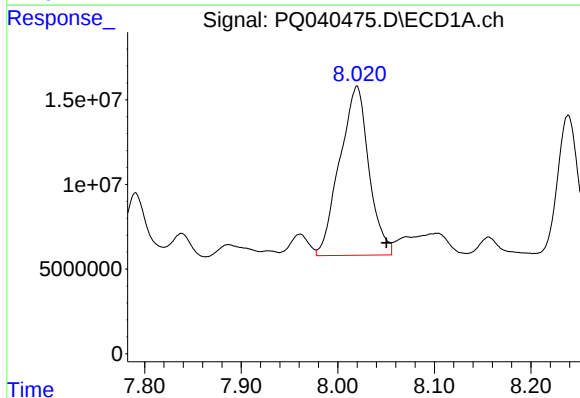
R.T.: 7.580 min
Delta R.T.: -0.023 min
Response: 9966946
Conc: 72.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMZ6



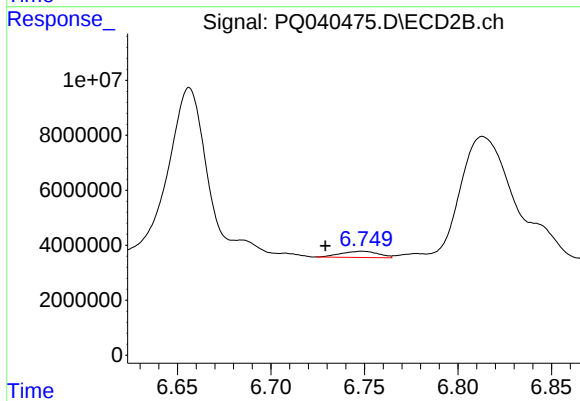
#23 AR-1248-3

R.T.: 6.536 min
Delta R.T.: 0.009 min
Response: 20776271
Conc: 229.61 ng/ml



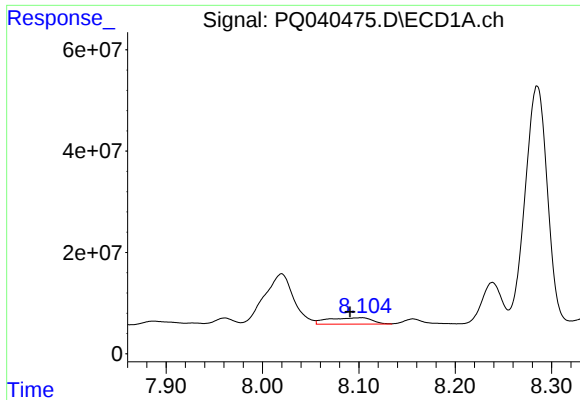
#24 AR-1248-4

R.T.: 8.020 min
Delta R.T.: -0.031 min
Response: 209503382
Conc: 1387.72 ng/ml



#24 AR-1248-4

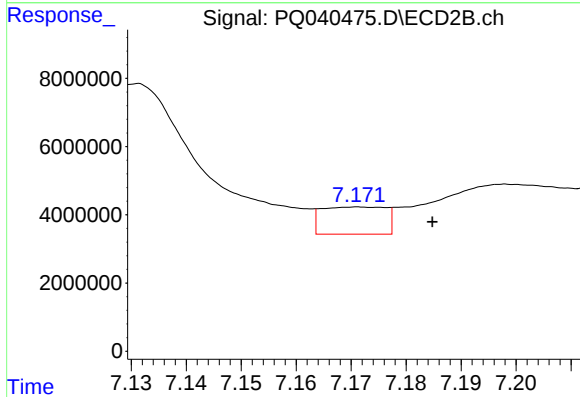
R.T.: 6.749 min
Delta R.T.: 0.020 min
Response: 3094707
Conc: 28.02 ng/ml



#25 AR-1248-5

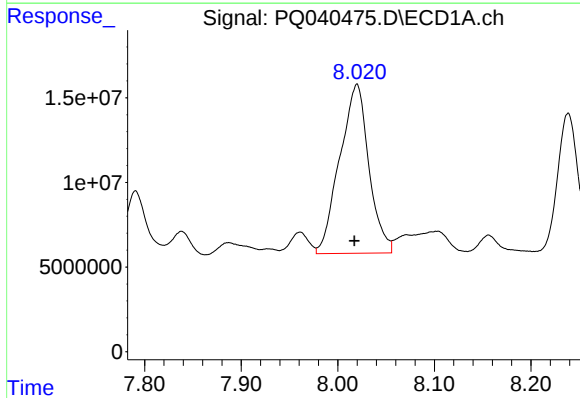
R.T.: 8.102 min
Delta R.T.: 0.011 min
Response: 39935934
Conc: 265.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMZ6



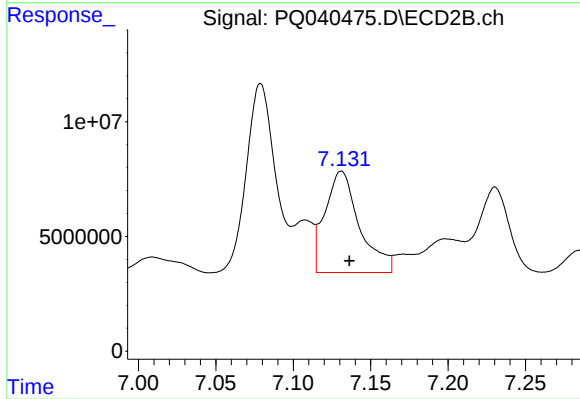
#25 AR-1248-5

R.T.: 7.171 min
Delta R.T.: -0.013 min
Response: 6446982
Conc: 56.78 ng/ml



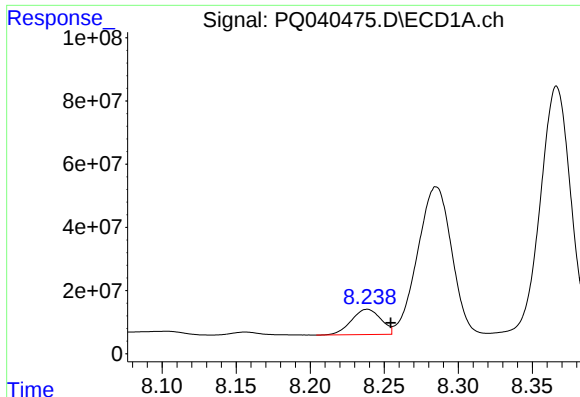
#26 AR-1254-1

R.T.: 8.020 min
Delta R.T.: 0.002 min
Response: 209503382
Conc: 1201.32 ng/ml



#26 AR-1254-1

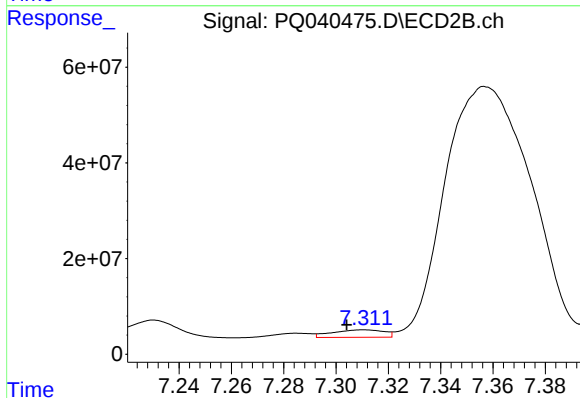
R.T.: 7.131 min
Delta R.T.: -0.005 min
Response: 68582901
Conc: 358.07 ng/ml



#27 AR-1254-2

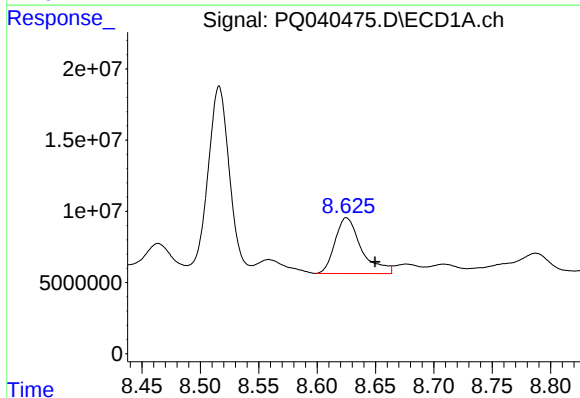
R.T.: 8.239 min
Delta R.T.: -0.016 min
Response: 110969424
Conc: 401.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMZ6



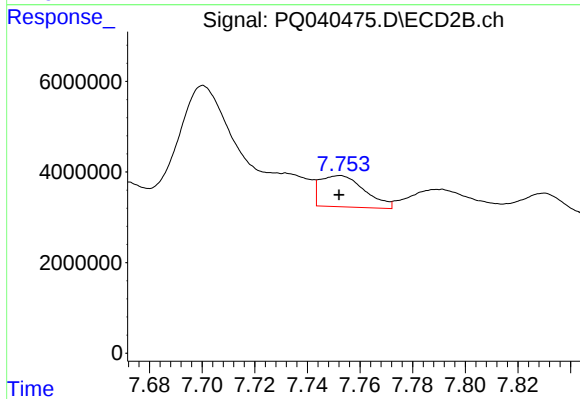
#27 AR-1254-2

R.T.: 7.311 min
Delta R.T.: 0.006 min
Response: 21273646
Conc: 122.45 ng/ml



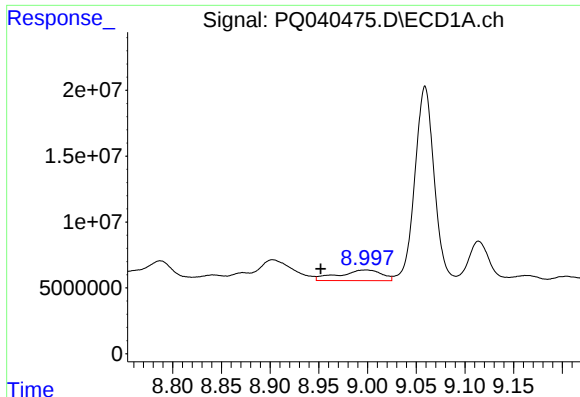
#28 AR-1254-3

R.T.: 8.625 min
Delta R.T.: -0.024 min
Response: 61608710
Conc: 207.59 ng/ml



#28 AR-1254-3

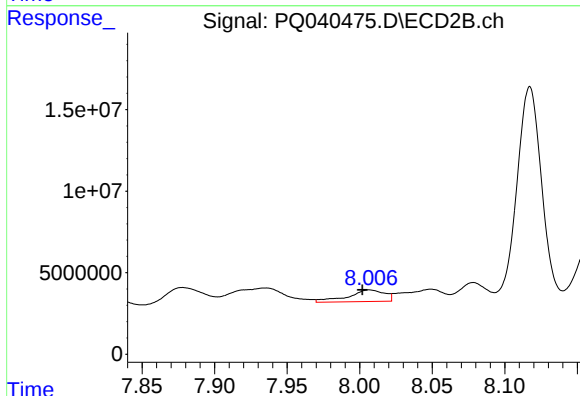
R.T.: 7.752 min
Delta R.T.: 0.000 min
Response: 8115658
Conc: 28.08 ng/ml



#29 AR-1254-4

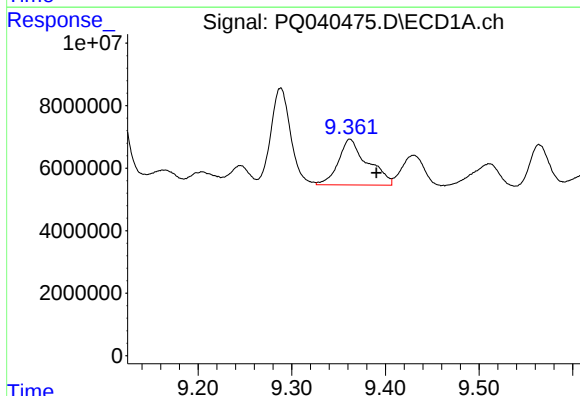
R.T.: 8.998 min
Delta R.T.: 0.046 min
Response: 24825498
Conc: 119.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMZ6



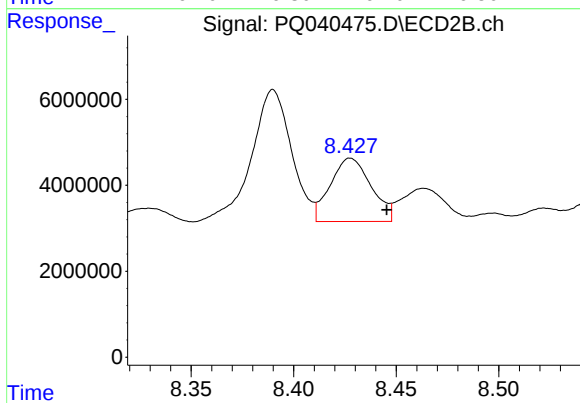
#29 AR-1254-4

R.T.: 8.007 min
Delta R.T.: 0.005 min
Response: 12569771
Conc: 70.40 ng/ml



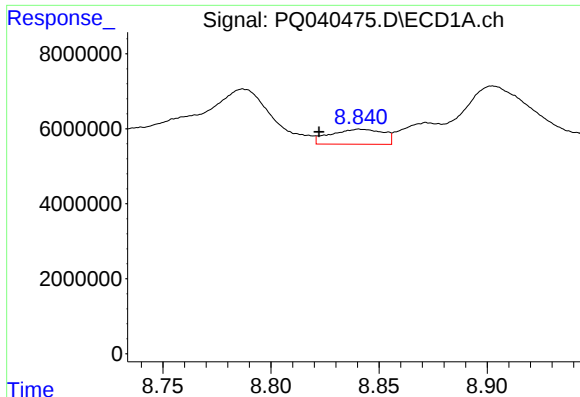
#30 AR-1254-5

R.T.: 9.362 min
Delta R.T.: -0.028 min
Response: 31754707
Conc: 110.26 ng/ml



#30 AR-1254-5

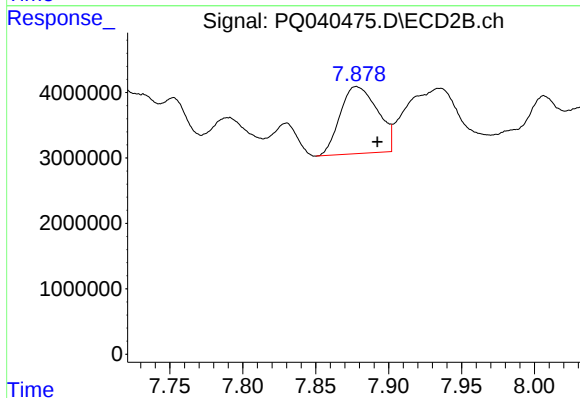
R.T.: 8.428 min
Delta R.T.: -0.018 min
Response: 20459975
Conc: 79.42 ng/ml



#31 AR-1260-1

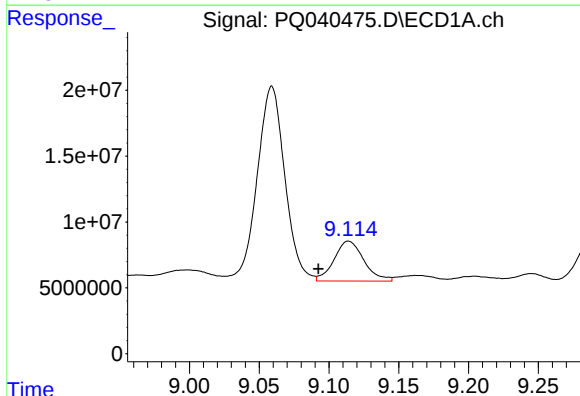
R.T.: 8.841 min
Delta R.T.: 0.019 min
Response: 6828001
Conc: 20.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMZ6



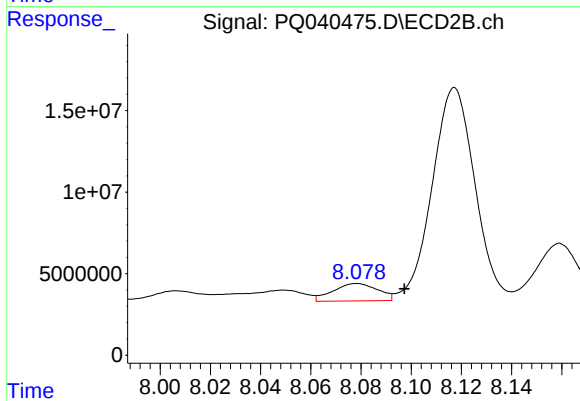
#31 AR-1260-1

R.T.: 7.878 min
Delta R.T.: -0.014 min
Response: 18344524
Conc: 66.92 ng/ml



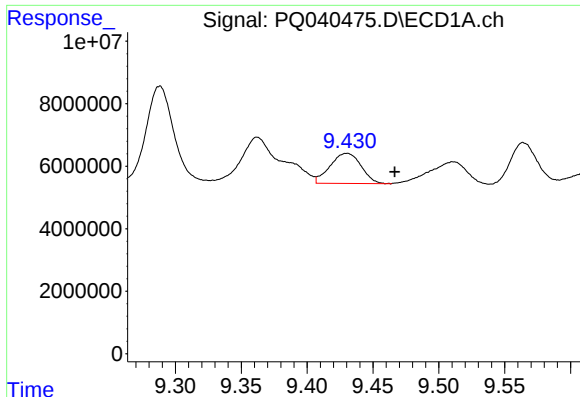
#32 AR-1260-2

R.T.: 9.114 min
Delta R.T.: 0.022 min
Response: 45064341
Conc: 111.55 ng/ml



#32 AR-1260-2

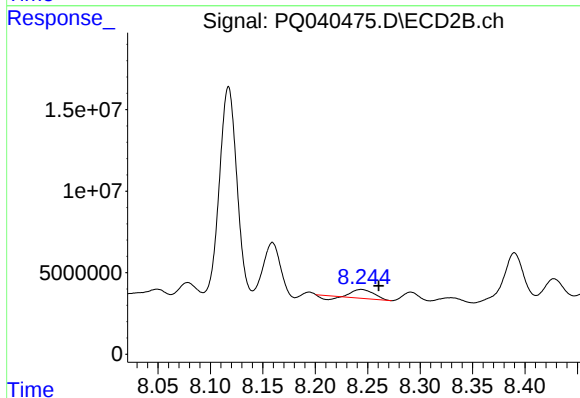
R.T.: 8.078 min
Delta R.T.: -0.019 min
Response: 13223245
Conc: 38.23 ng/ml



#33 AR-1260-3

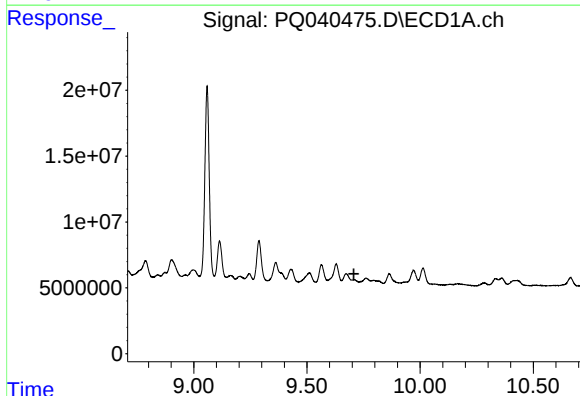
R.T.: 9.430 min
Delta R.T.: -0.037 min
Response: 15832832
Conc: 47.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMZ6



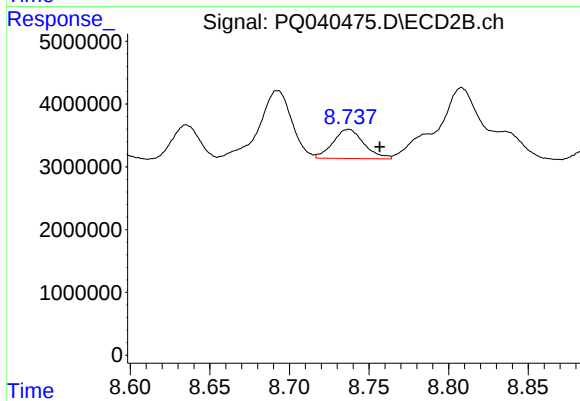
#33 AR-1260-3

R.T.: 8.244 min
Delta R.T.: -0.017 min
Response: 5874871
Conc: 18.32 ng/ml



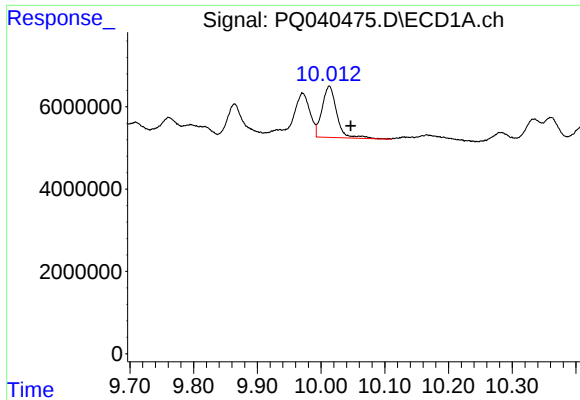
#34 AR-1260-4

R.T.: 9.674 min
Delta R.T.: -0.034 min
Response: -5527291
Conc: N.D.



#34 AR-1260-4

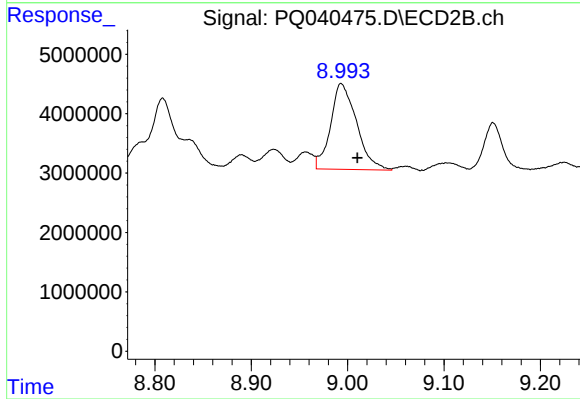
R.T.: 8.737 min
Delta R.T.: -0.020 min
Response: 6316089
Conc: 23.24 ng/ml



#35 AR-1260-5

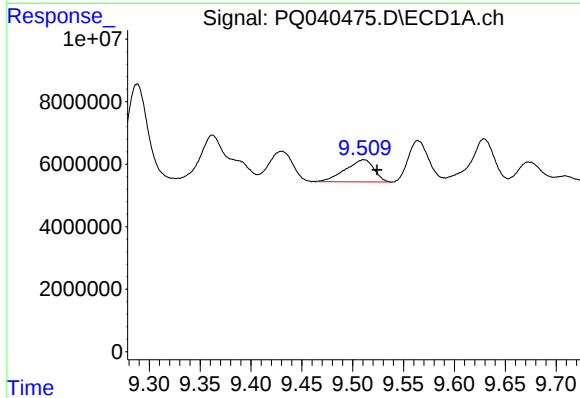
R.T.: 10.013 min
Delta R.T.: -0.034 min
Response: 19997527
Conc: 25.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMZ6



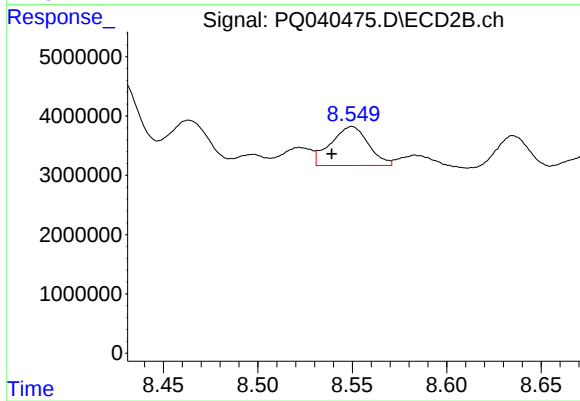
#35 AR-1260-5

R.T.: 8.994 min
Delta R.T.: -0.017 min
Response: 27127087
Conc: 40.36 ng/ml



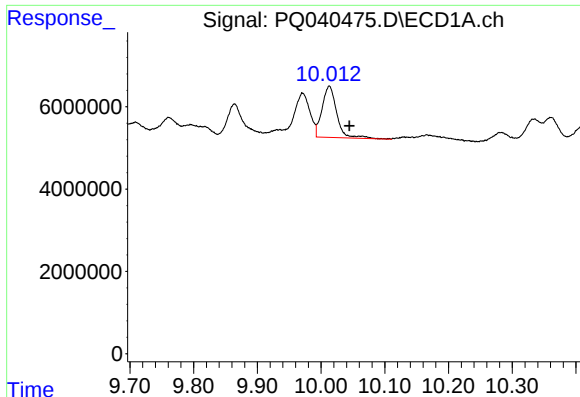
#36 AR-1262-1

R.T.: 9.511 min
Delta R.T.: -0.013 min
Response: 13958136
Conc: 100.41 ng/ml



#36 AR-1262-1

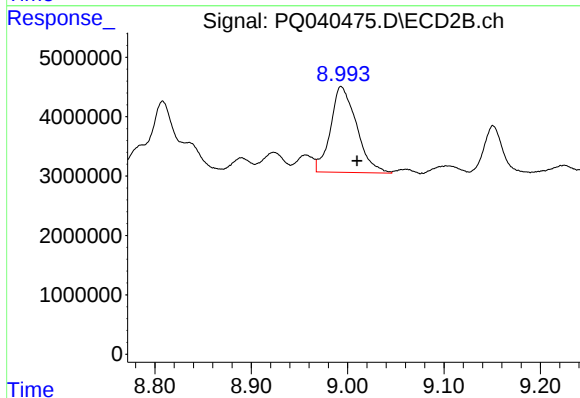
R.T.: 8.550 min
Delta R.T.: 0.010 min
Response: 9098590
Conc: 80.13 ng/ml



#37 AR-1262-2

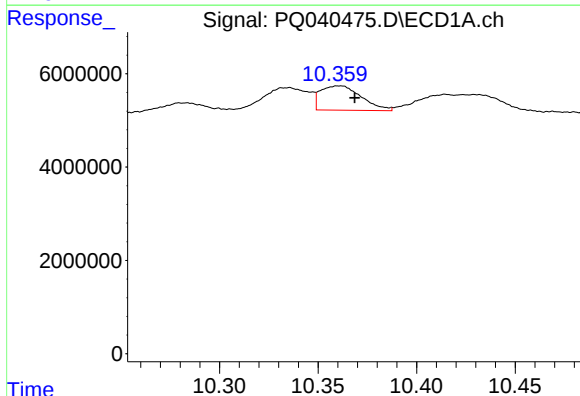
R.T.: 10.013 min
Delta R.T.: -0.032 min
Response: 19997527
Conc: 34.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMZ6



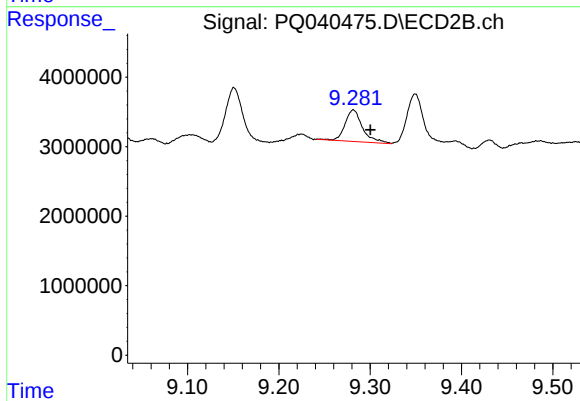
#37 AR-1262-2

R.T.: 8.994 min
Delta R.T.: -0.016 min
Response: 27127087
Conc: 54.68 ng/ml



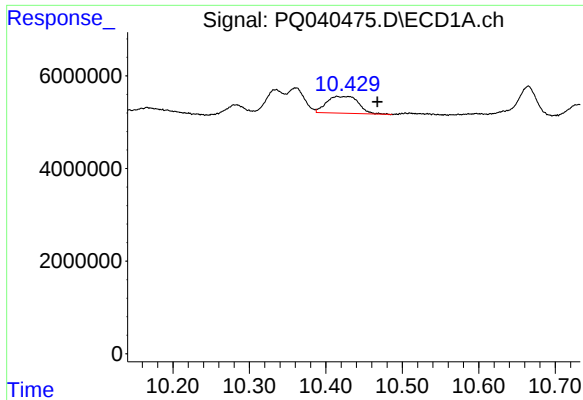
#38 AR-1262-3

R.T.: 10.360 min
Delta R.T.: -0.008 min
Response: 7482513
Conc: 17.70 ng/ml



#38 AR-1262-3

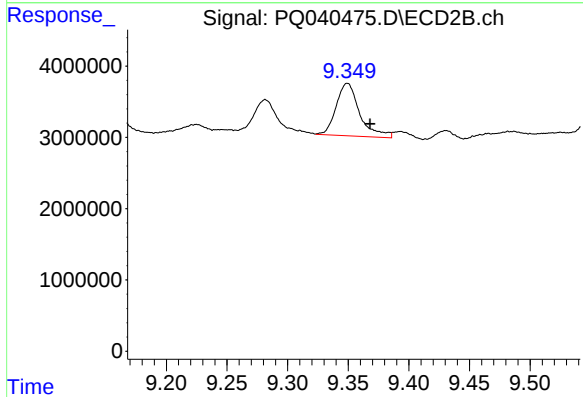
R.T.: 9.282 min
Delta R.T.: -0.019 min
Response: 6092722
Conc: 28.98 ng/ml



#39 AR-1262-4

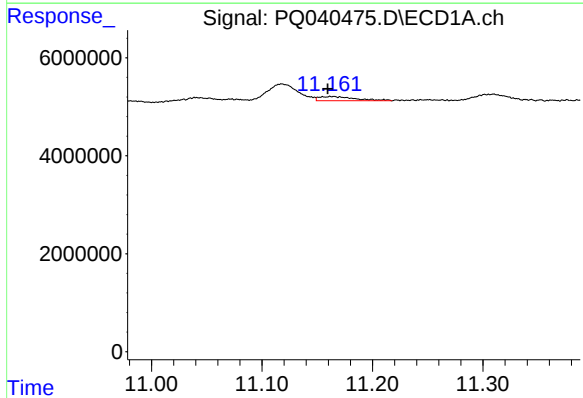
R.T.: 10.428 min
Delta R.T.: -0.039 min
Response: 10518275
Conc: 27.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMZ6



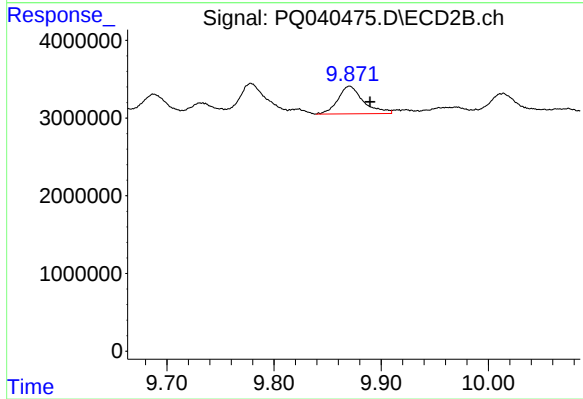
#39 AR-1262-4

R.T.: 9.349 min
Delta R.T.: -0.019 min
Response: 9914220
Conc: 26.18 ng/ml



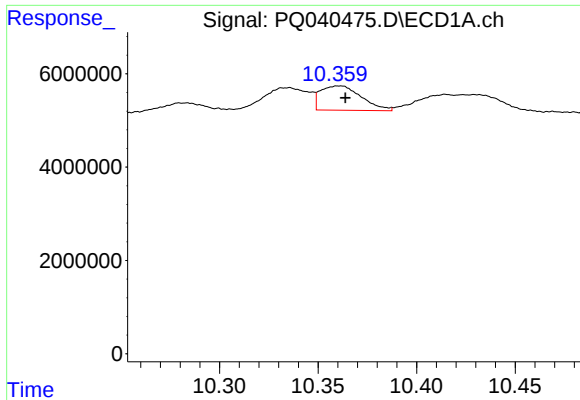
#40 AR-1262-5

R.T.: 11.163 min
Delta R.T.: 0.004 min
Response: 1931783
Conc: 8.22 ng/ml



#40 AR-1262-5

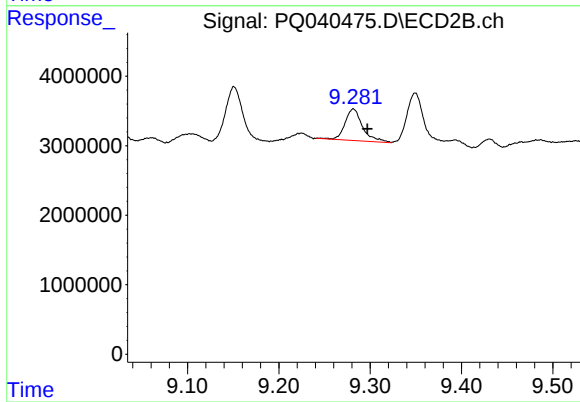
R.T.: 9.870 min
Delta R.T.: -0.019 min
Response: 5858445
Conc: 36.13 ng/ml



#41 AR-1268-1

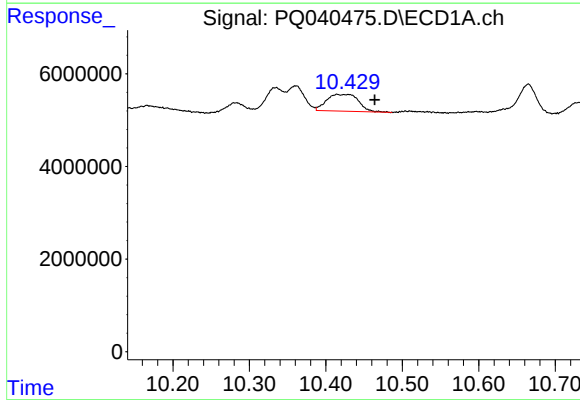
R.T.: 10.360 min
Delta R.T.: -0.004 min
Response: 7482513
Conc: 12.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMZ6



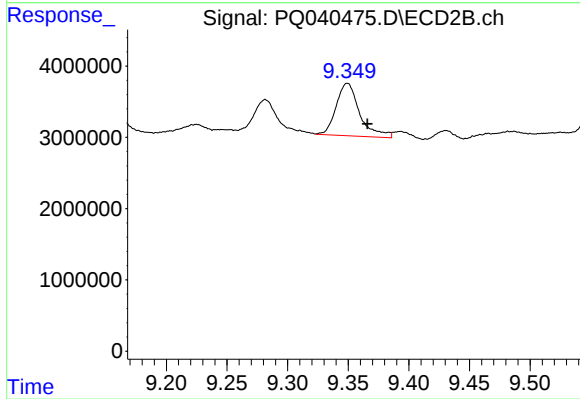
#41 AR-1268-1

R.T.: 9.282 min
Delta R.T.: -0.015 min
Response: 6092722
Conc: 13.35 ng/ml



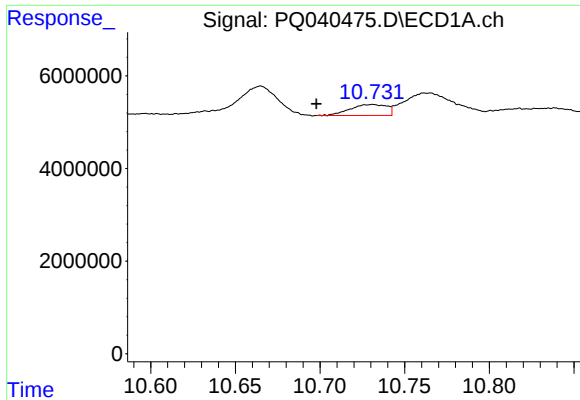
#42 AR-1268-2

R.T.: 10.428 min
Delta R.T.: -0.035 min
Response: 10518275
Conc: 17.09 ng/ml



#42 AR-1268-2

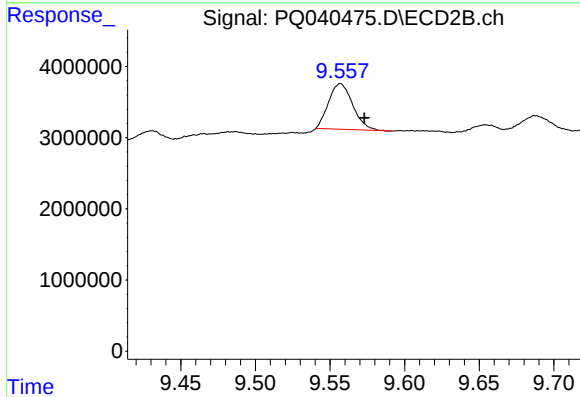
R.T.: 9.349 min
Delta R.T.: -0.016 min
Response: 9914220
Conc: 22.68 ng/ml



#43 AR-1268-3

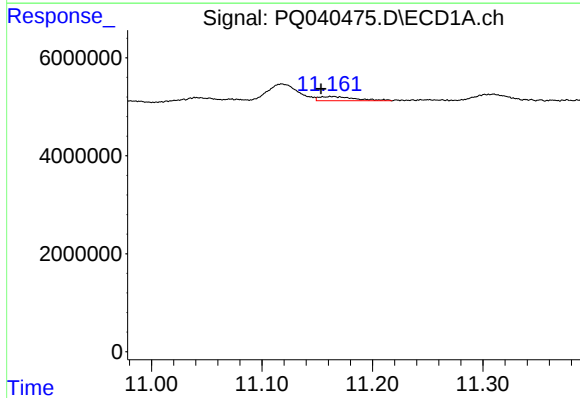
R.T.: 10.731 min
Delta R.T.: 0.033 min
Response: 3588893
Conc: 6.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMZ6



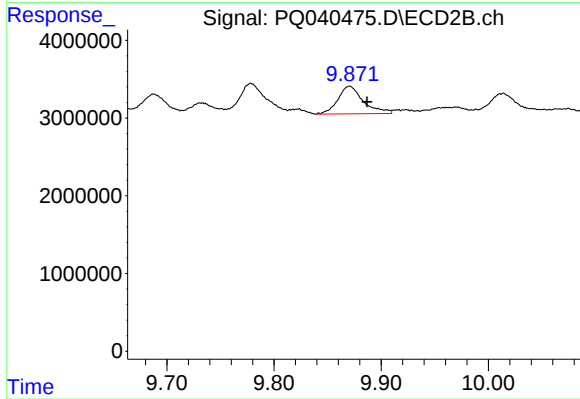
#43 AR-1268-3

R.T.: 9.557 min
Delta R.T.: -0.016 min
Response: 7209610
Conc: 19.20 ng/ml



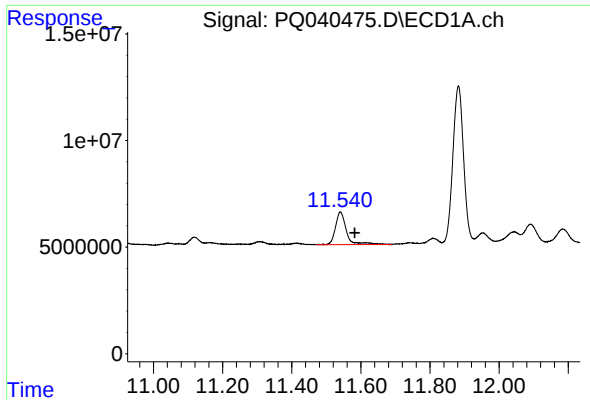
#44 AR-1268-4

R.T.: 11.163 min
Delta R.T.: 0.010 min
Response: 1931783
Conc: 9.47 ng/ml



#44 AR-1268-4

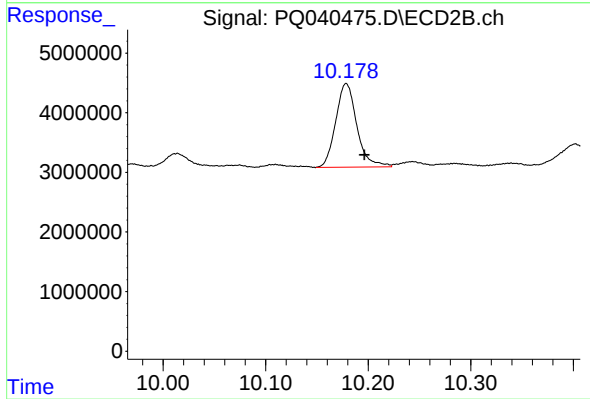
R.T.: 9.870 min
Delta R.T.: -0.016 min
Response: 5858445
Conc: 42.52 ng/ml



#45 AR-1268-5

R.T.: 11.541 min
Delta R.T.: -0.041 min
Response: 33475490
Conc: 18.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMZ6



#45 AR-1268-5

R.T.: 10.179 min
Delta R.T.: -0.018 min
Response: 20061177
Conc: 17.00 ng/ml