

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ122821\
 Data File : PQ055444.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Dec 2021 22:02
 Operator : AJ\MA
 Sample : M5244-18
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 29 01:37:45 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ122321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Dec 28 03:55:41 2021
 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...	5.243	4.313	260.4E6	215.1E6	23.140	24.030
2)	SA Decachlor...	11.432	9.699	347.4E6	178.6E6	24.461	23.121
Target Compounds							
3)	L1 AR-1016-1	6.569	5.581	17023098	8209330	51.083	23.479 #
4)	L1 AR-1016-2	6.588	5.603	19155925	14846450	34.392	30.060
5)	L1 AR-1016-3	6.655	5.796	14726036	8580544	40.558	33.400
6)	L1 AR-1016-4	6.765	5.845	12333592	18303220	40.872	90.060 #
7)	L1 AR-1016-5	7.079	6.077	11308575	10765811	45.245	42.398
8)	L2 AR-1221-1	5.499	4.572	38110457	314787	305.750	2.970 #
9)	L2 AR-1221-2	5.596	4.673	4756088	14206119	42.581	185.486 #
10)	L2 AR-1221-3	5.683	4.762	6650934	4736939	22.627	18.441
11)	L3 AR-1232-1	5.683	4.762	6650934	4736939	27.681	22.341
12)	L3 AR-1232-2	6.269	5.603	9062244	14846450	74.725	74.667
13)	L3 AR-1232-3	6.588	5.796	19155925	8580544	82.342	83.401
14)	L3 AR-1232-4	6.765	5.891	12333592	10694742	97.970	119.170
15)	L3 AR-1232-5	6.859	6.077	17918030	10765811	279.947	113.083 #
16)	L4 AR-1242-1	6.569	5.581	17023098	8209330	66.664	31.297 #
17)	L4 AR-1242-2	6.588	5.603	19155925	14846450	46.179	40.311
18)	L4 AR-1242-3	6.655	5.796	14726036	8580544	54.274	44.434
19)	L4 AR-1242-4	6.765	5.891	12333592	10694742	54.490	57.403
20)	L4 AR-1242-5	7.548	6.458	14698290	26911222	64.352	113.392 #
21)	L5 AR-1248-1	6.569	5.581	17023098	8209330	88.645	42.057 #
22)	L5 AR-1248-2	6.859	5.845	17918030	18303220	70.308	68.122
23)	L5 AR-1248-3	7.079	5.891	11308575	10694742	35.192	38.233
24)	L5 AR-1248-4	7.507	6.077	14928933	10765811	40.391	32.561
25)	L5 AR-1248-5	7.548	6.503	14698290	6900660	37.956	20.980 #
26)	L6 AR-1254-1	7.476	6.458	20313310	26911222	54.668	49.641
27)	L6 AR-1254-2	7.708	6.617	22956267	12034124	39.511	25.749 #
28)	L6 AR-1254-3	8.090	7.042	12914140	15491238	18.335	20.365
29)	L6 AR-1254-4	8.386	7.280	5677901	3034820	10.738	6.524 #
30)	L6 AR-1254-5	8.814	7.710	10371922	6078256	18.243	9.440 #
31)	L7 AR-1260-1	8.256	7.178	15265323	11089006	35.070	23.325 #
32)	L7 AR-1260-2	8.520	7.373	12504564	7505693	23.157	13.218 #
33)	L7 AR-1260-3	8.887	7.531	6470933	6846985	16.265	12.085 #
34)	L7 AR-1260-4	9.129	8.015	8816997	3853392	17.951	9.349 #
35)	L7 AR-1260-5	9.477	8.261	21159468	6130676	18.416	6.024 #
36)	L8 AR-1262-1	8.887	7.710	6470933	6078256	11.779	20.044 #
37)	L8 AR-1262-2	9.477	8.261	21159468	6130676	17.598	5.609 #
38)	L8 AR-1262-3	9.820	8.551	2247796	1163560	3.724	2.903
39)	L8 AR-1262-4	0.000	8.614	0	2733043	N.D.	3.518 #
40)	L8 AR-1262-5	10.620	9.127	10896101	4765419	18.964	13.695 #
41)	L9 AR-1268-1	9.806	8.551	1938309	1163560	1.026	0.869

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 Operator : AJ\MA
 Sample : M5244-18
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

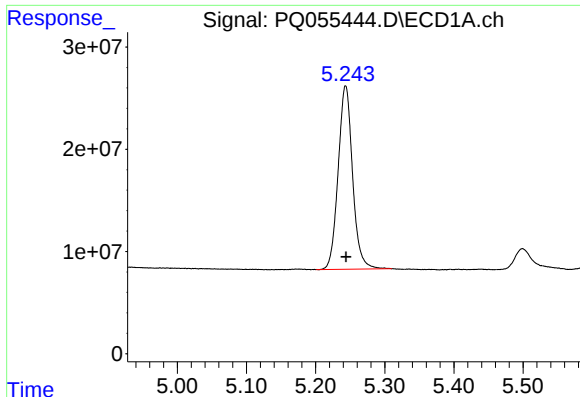
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 29 01:37:45 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ122321.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	0.000	8.614	0	2733043	N.D.	2.242 #
43) L9	AR-1268-3	0.000	8.828	0	886822	N.D.	0.879 #
44) L9	AR-1268-4	10.620	9.127	10896101	4765419	14.388	11.396
45) L9	AR-1268-5	11.069	9.427	1862549	709742	0.315	0.219 #

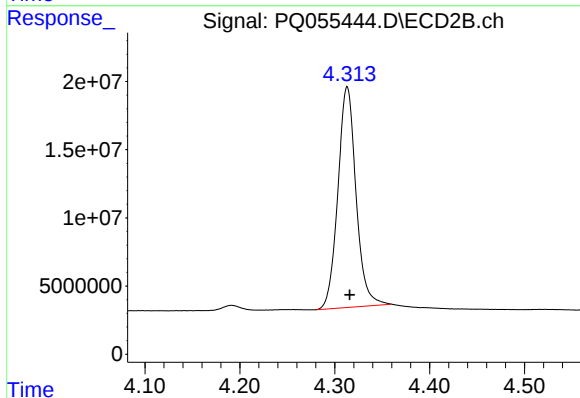
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

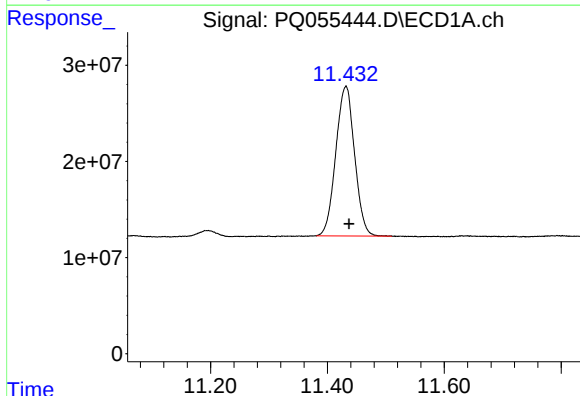
R.T.: 5.243 min
Delta R.T.: 0.000 min
Response: 260415310
Conc: 23.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



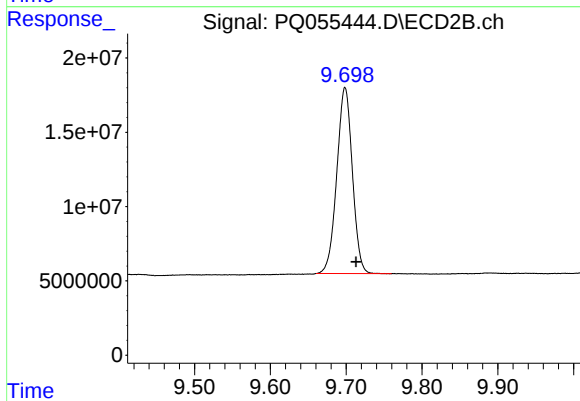
#1 Tetrachloro-m-xylene

R.T.: 4.313 min
Delta R.T.: -0.003 min
Response: 215136799
Conc: 24.03 ng/ml



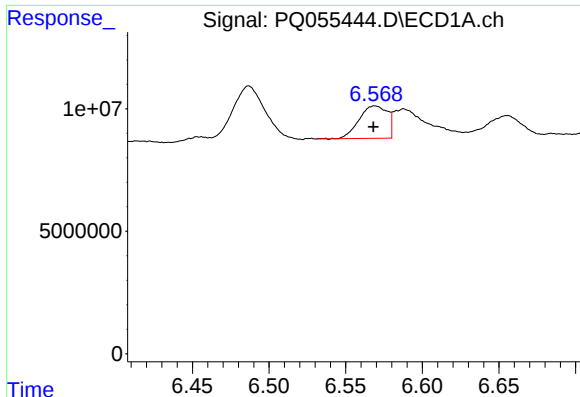
#2 Decachlorobiphenyl

R.T.: 11.432 min
Delta R.T.: -0.005 min
Response: 347387742
Conc: 24.46 ng/ml



#2 Decachlorobiphenyl

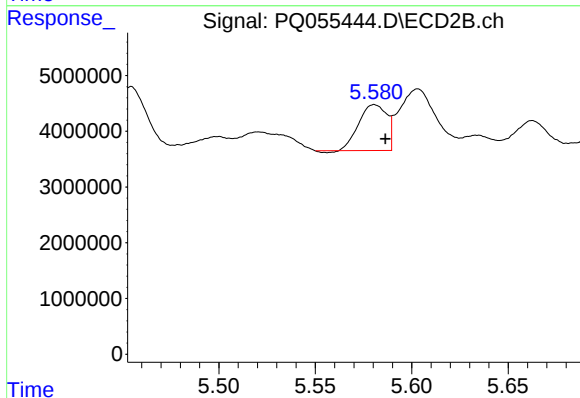
R.T.: 9.699 min
Delta R.T.: -0.014 min
Response: 178611627
Conc: 23.12 ng/ml



#3 AR-1016-1

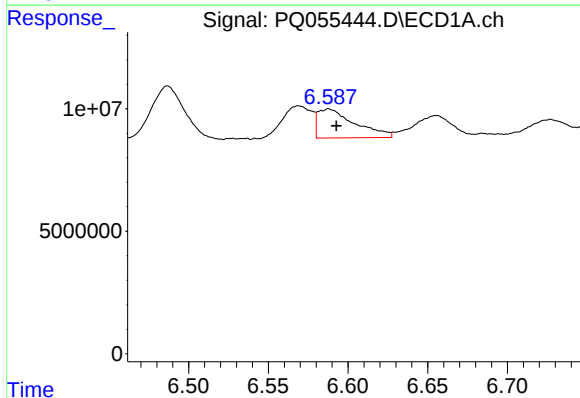
R.T.: 6.569 min
Delta R.T.: 0.001 min
Response: 17023098
Conc: 51.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



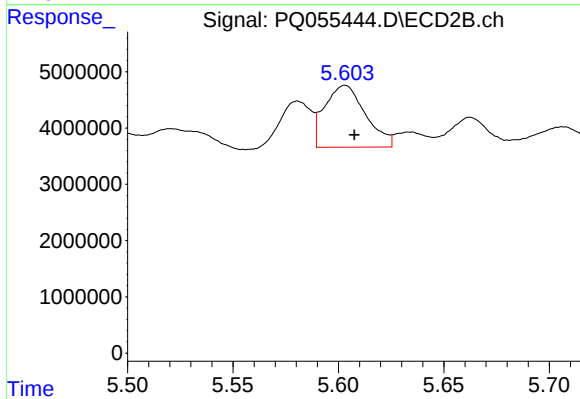
#3 AR-1016-1

R.T.: 5.581 min
Delta R.T.: -0.006 min
Response: 8209330
Conc: 23.48 ng/ml



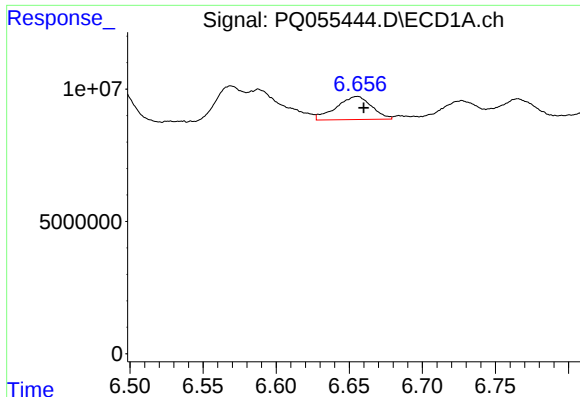
#4 AR-1016-2

R.T.: 6.588 min
Delta R.T.: -0.005 min
Response: 19155925
Conc: 34.39 ng/ml



#4 AR-1016-2

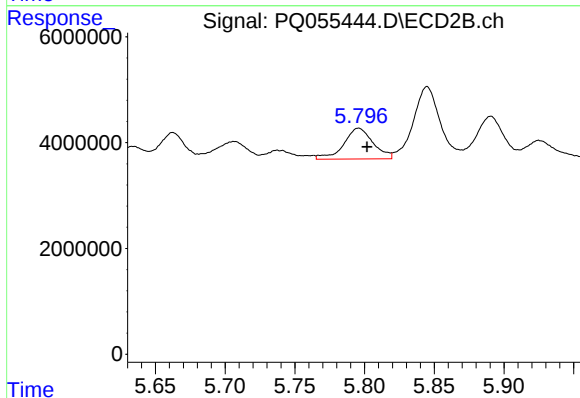
R.T.: 5.603 min
Delta R.T.: -0.004 min
Response: 14846450
Conc: 30.06 ng/ml



#5 AR-1016-3

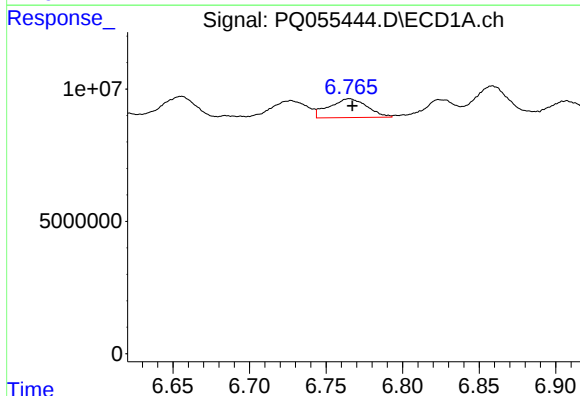
R.T.: 6.655 min
Delta R.T.: -0.005 min
Response: 14726036
Conc: 40.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



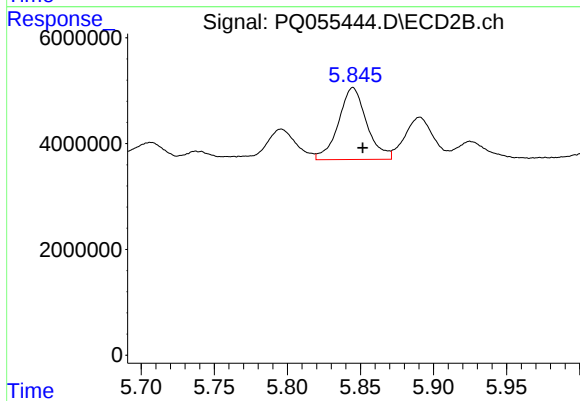
#5 AR-1016-3

R.T.: 5.796 min
Delta R.T.: -0.006 min
Response: 8580544
Conc: 33.40 ng/ml



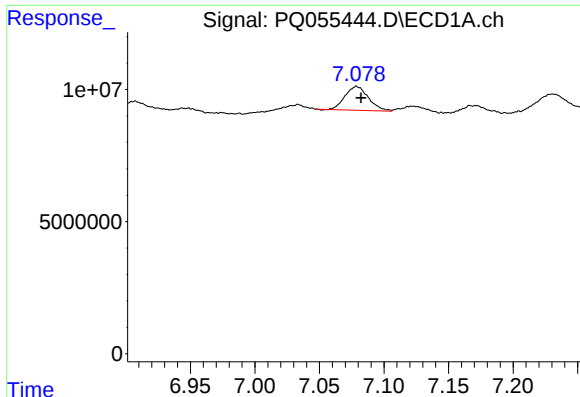
#6 AR-1016-4

R.T.: 6.765 min
Delta R.T.: -0.002 min
Response: 12333592
Conc: 40.87 ng/ml



#6 AR-1016-4

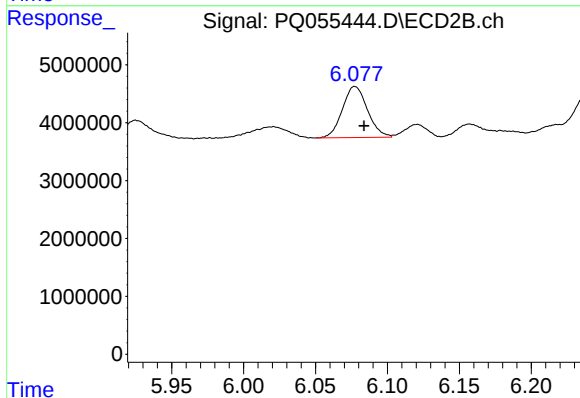
R.T.: 5.845 min
Delta R.T.: -0.007 min
Response: 18303220
Conc: 90.06 ng/ml



#7 AR-1016-5

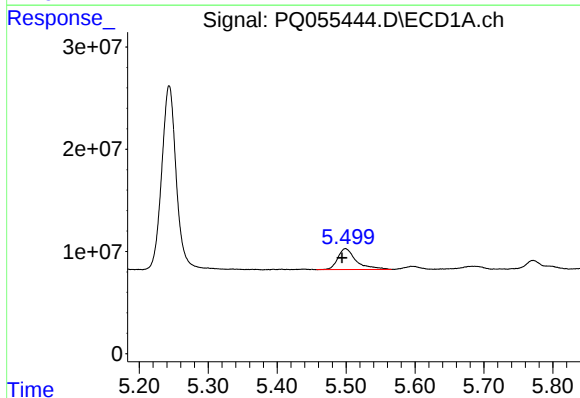
R.T.: 7.079 min
Delta R.T.: -0.003 min
Response: 11308575
Conc: 45.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



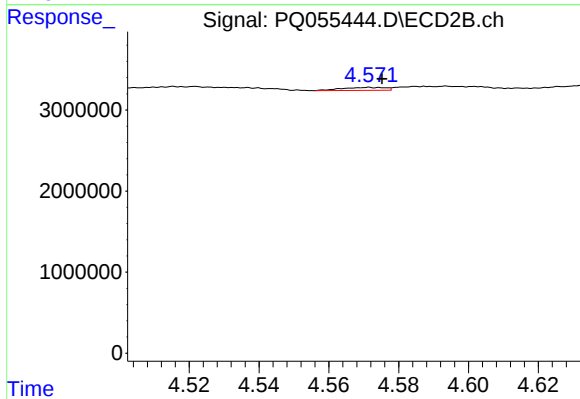
#7 AR-1016-5

R.T.: 6.077 min
Delta R.T.: -0.007 min
Response: 10765811
Conc: 42.40 ng/ml



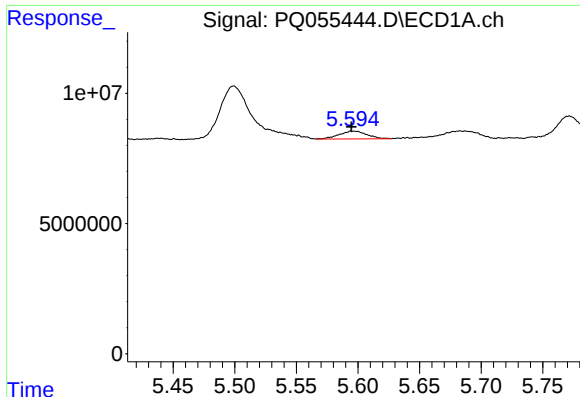
#8 AR-1221-1

R.T.: 5.499 min
Delta R.T.: 0.005 min
Response: 38110457
Conc: 305.75 ng/ml



#8 AR-1221-1

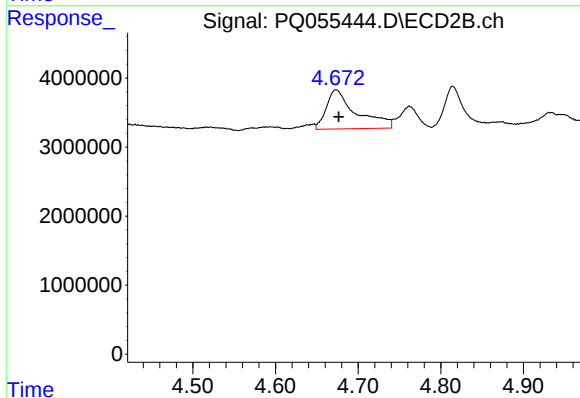
R.T.: 4.572 min
Delta R.T.: -0.004 min
Response: 314787
Conc: 2.97 ng/ml



#9 AR-1221-2

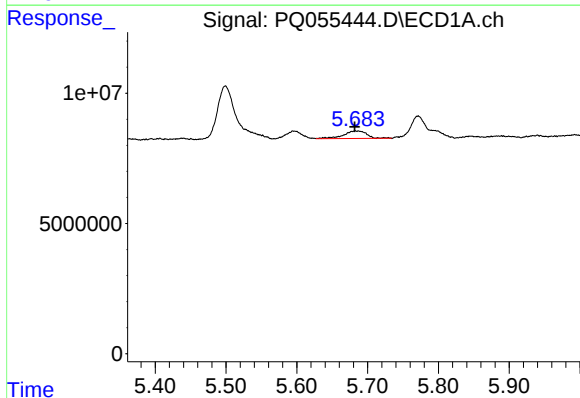
R.T.: 5.596 min
Delta R.T.: 0.001 min
Response: 4756088
Conc: 42.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



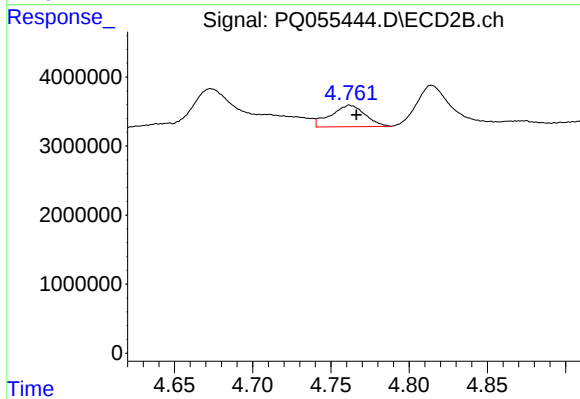
#9 AR-1221-2

R.T.: 4.673 min
Delta R.T.: -0.003 min
Response: 14206119
Conc: 185.49 ng/ml



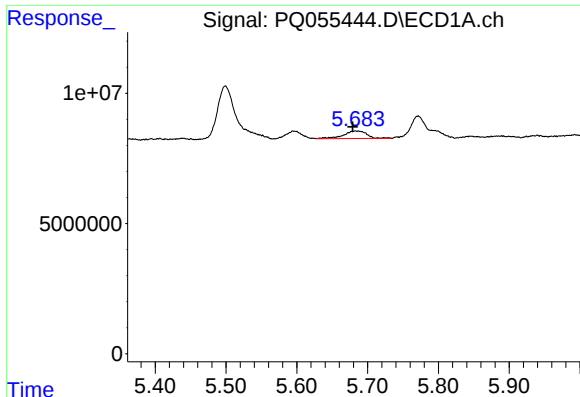
#10 AR-1221-3

R.T.: 5.683 min
Delta R.T.: 0.001 min
Response: 6650934
Conc: 22.63 ng/ml



#10 AR-1221-3

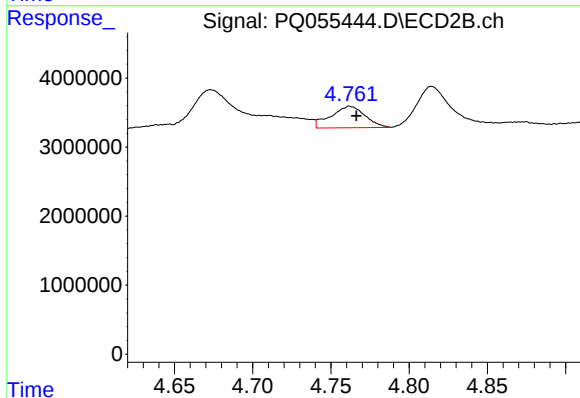
R.T.: 4.762 min
Delta R.T.: -0.004 min
Response: 4736939
Conc: 18.44 ng/ml



#11 AR-1232-1

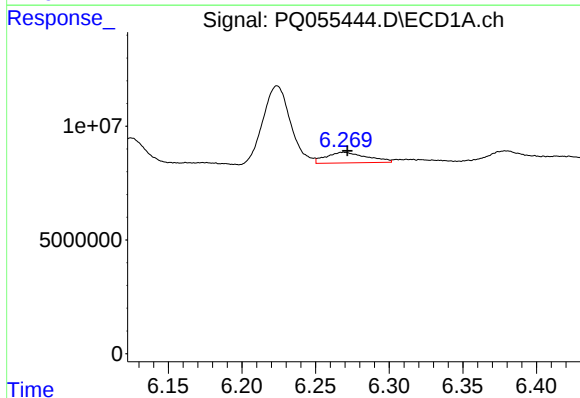
R.T.: 5.683 min
Delta R.T.: 0.004 min
Response: 6650934
Conc: 27.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



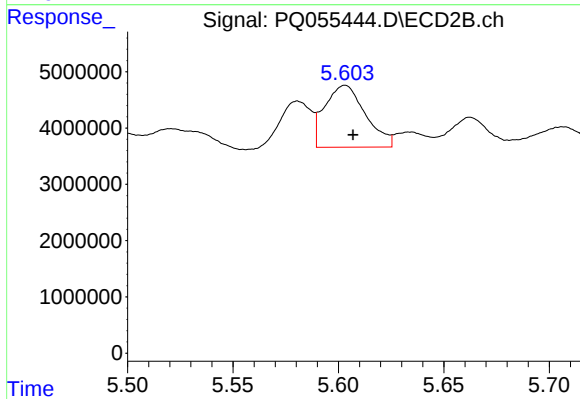
#11 AR-1232-1

R.T.: 4.762 min
Delta R.T.: -0.004 min
Response: 4736939
Conc: 22.34 ng/ml



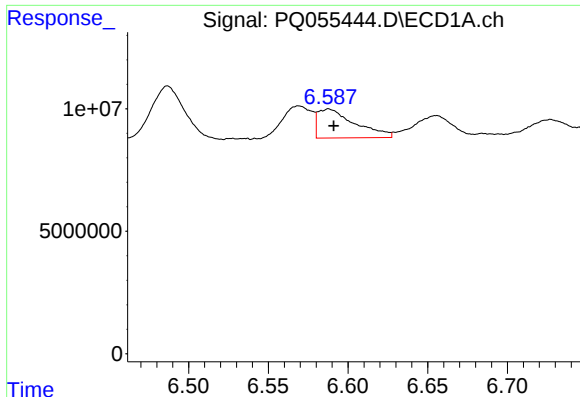
#12 AR-1232-2

R.T.: 6.269 min
Delta R.T.: -0.003 min
Response: 9062244
Conc: 74.73 ng/ml



#12 AR-1232-2

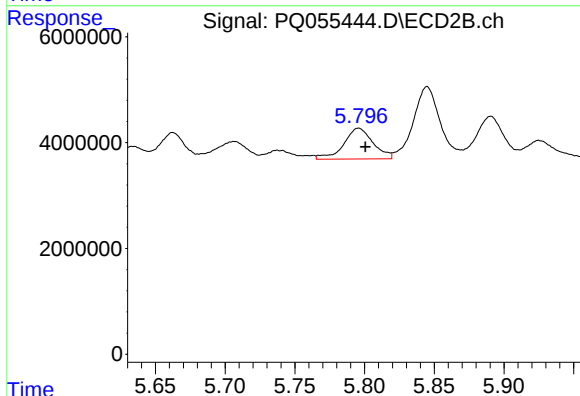
R.T.: 5.603 min
Delta R.T.: -0.004 min
Response: 14846450
Conc: 74.67 ng/ml



#13 AR-1232-3

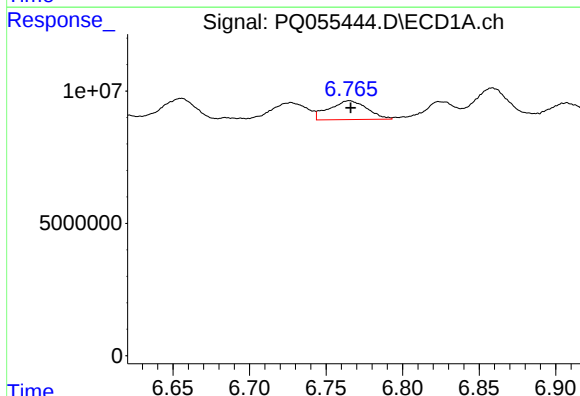
R.T.: 6.588 min
Delta R.T.: -0.003 min
Response: 19155925
Conc: 82.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



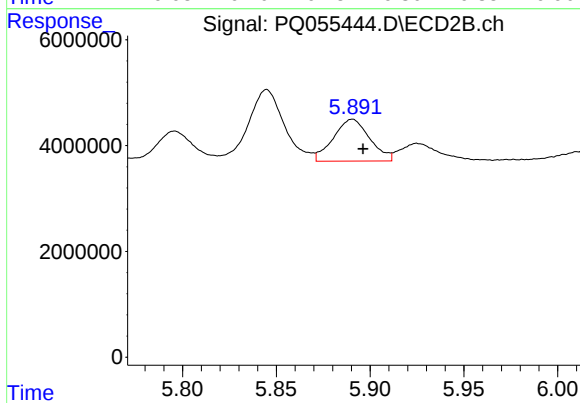
#13 AR-1232-3

R.T.: 5.796 min
Delta R.T.: -0.005 min
Response: 8580544
Conc: 83.40 ng/ml



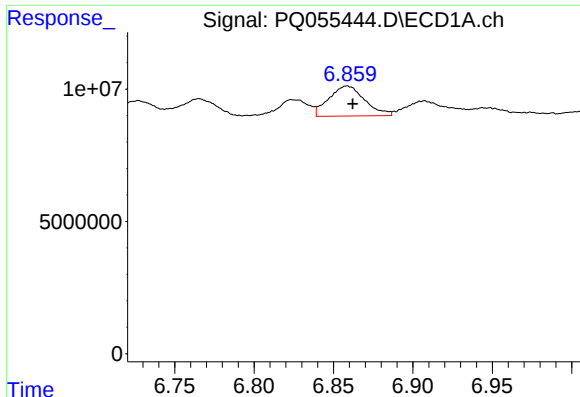
#14 AR-1232-4

R.T.: 6.765 min
Delta R.T.: 0.000 min
Response: 12333592
Conc: 97.97 ng/ml



#14 AR-1232-4

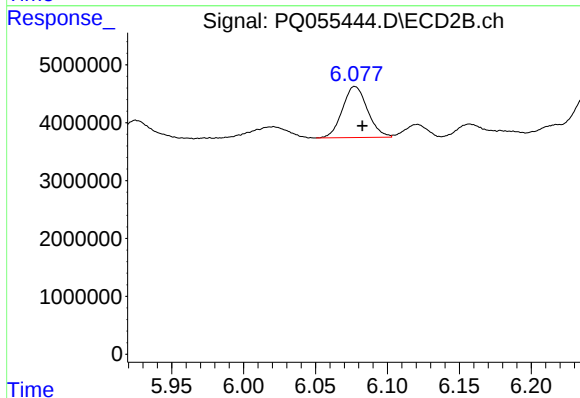
R.T.: 5.891 min
Delta R.T.: -0.005 min
Response: 10694742
Conc: 119.17 ng/ml



#15 AR-1232-5

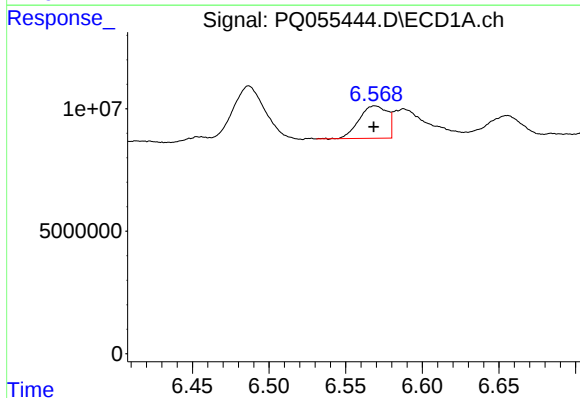
R.T.: 6.859 min
Delta R.T.: -0.004 min
Response: 17918030
Conc: 279.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



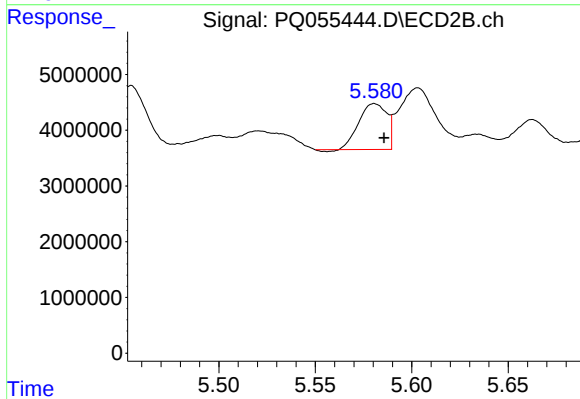
#15 AR-1232-5

R.T.: 6.077 min
Delta R.T.: -0.005 min
Response: 10765811
Conc: 113.08 ng/ml



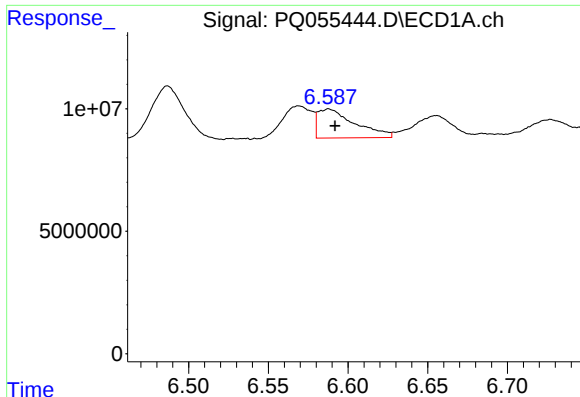
#16 AR-1242-1

R.T.: 6.569 min
Delta R.T.: 0.000 min
Response: 17023098
Conc: 66.66 ng/ml



#16 AR-1242-1

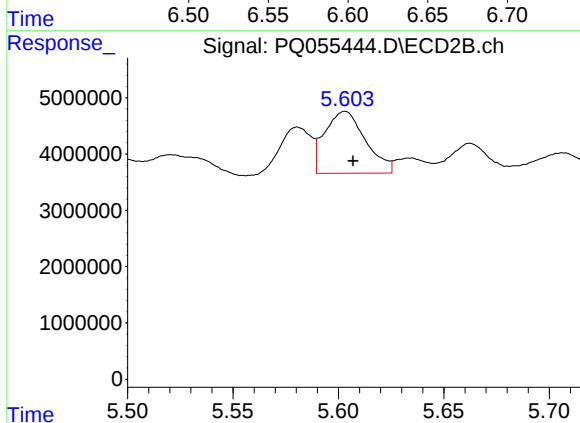
R.T.: 5.581 min
Delta R.T.: -0.005 min
Response: 8209330
Conc: 31.30 ng/ml



#17 AR-1242-2

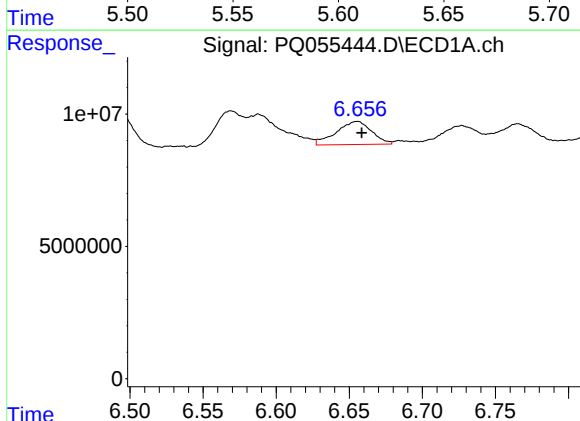
R.T.: 6.588 min
Delta R.T.: -0.004 min
Response: 19155925
Conc: 46.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



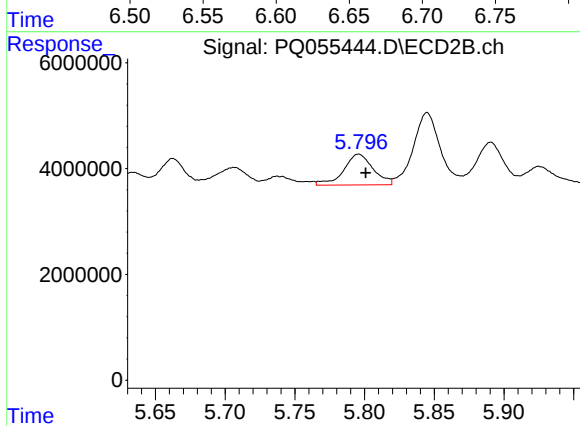
#17 AR-1242-2

R.T.: 5.603 min
Delta R.T.: -0.004 min
Response: 14846450
Conc: 40.31 ng/ml



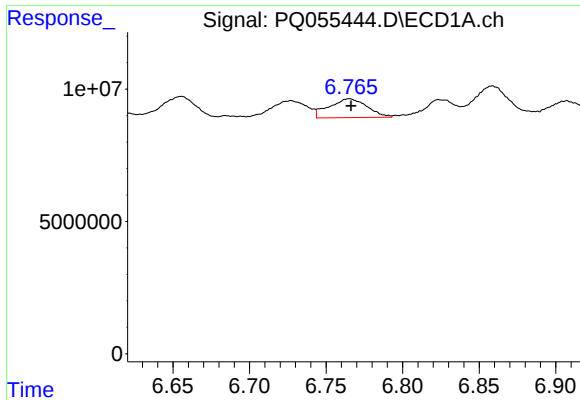
#18 AR-1242-3

R.T.: 6.655 min
Delta R.T.: -0.003 min
Response: 14726036
Conc: 54.27 ng/ml



#18 AR-1242-3

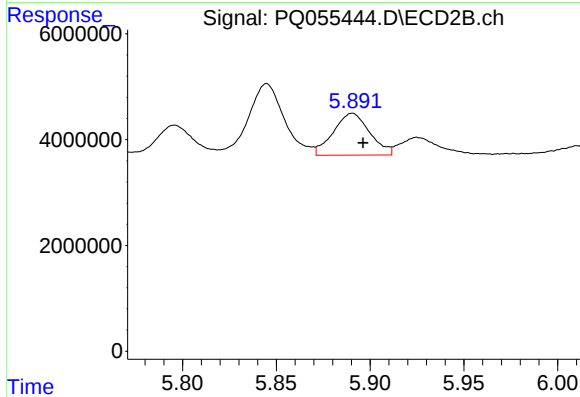
R.T.: 5.796 min
Delta R.T.: -0.005 min
Response: 8580544
Conc: 44.43 ng/ml



#19 AR-1242-4

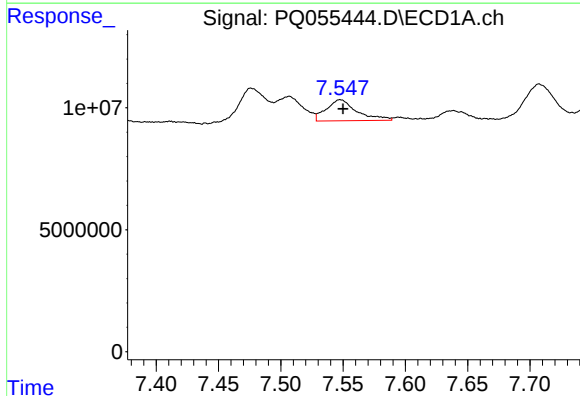
R.T.: 6.765 min
Delta R.T.: -0.001 min
Response: 12333592
Conc: 54.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



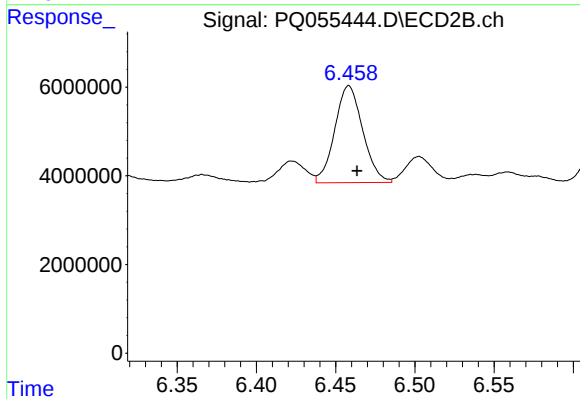
#19 AR-1242-4

R.T.: 5.891 min
Delta R.T.: -0.006 min
Response: 10694742
Conc: 57.40 ng/ml



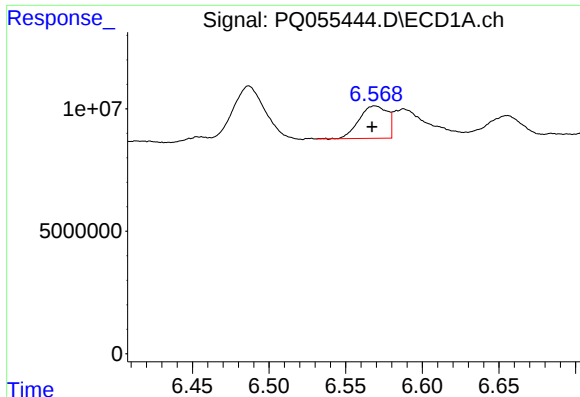
#20 AR-1242-5

R.T.: 7.548 min
Delta R.T.: -0.002 min
Response: 14698290
Conc: 64.35 ng/ml



#20 AR-1242-5

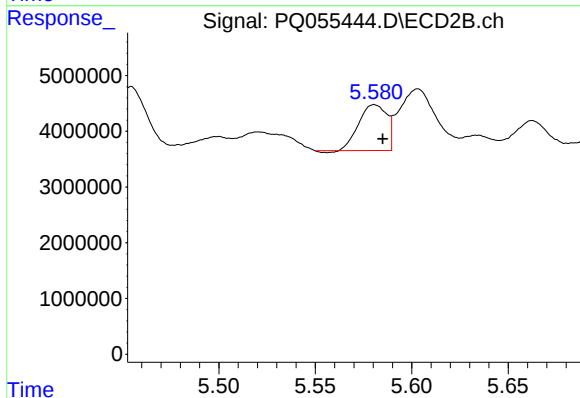
R.T.: 6.458 min
Delta R.T.: -0.005 min
Response: 26911222
Conc: 113.39 ng/ml



#21 AR-1248-1

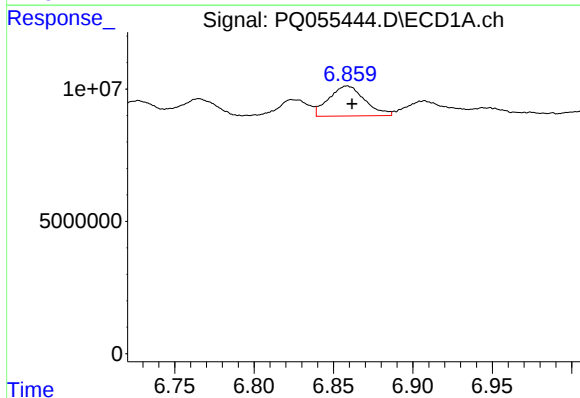
R.T.: 6.569 min
Delta R.T.: 0.002 min
Response: 17023098
Conc: 88.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



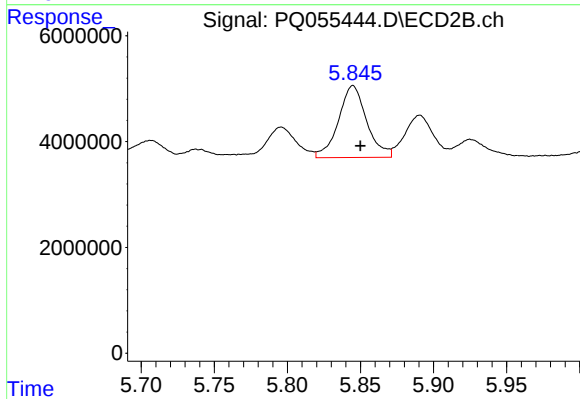
#21 AR-1248-1

R.T.: 5.581 min
Delta R.T.: -0.004 min
Response: 8209330
Conc: 42.06 ng/ml



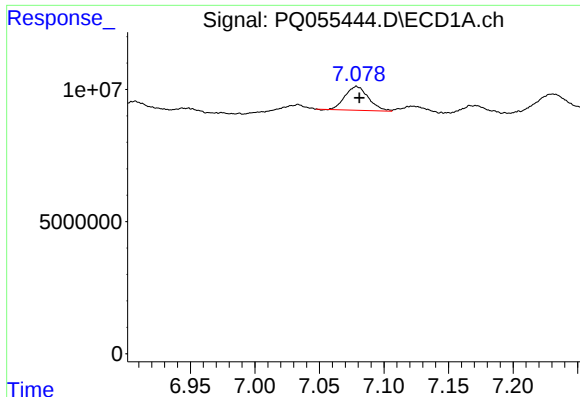
#22 AR-1248-2

R.T.: 6.859 min
Delta R.T.: -0.003 min
Response: 17918030
Conc: 70.31 ng/ml



#22 AR-1248-2

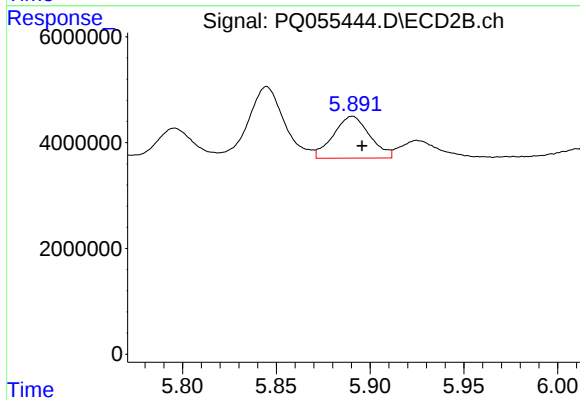
R.T.: 5.845 min
Delta R.T.: -0.005 min
Response: 18303220
Conc: 68.12 ng/ml



#23 AR-1248-3

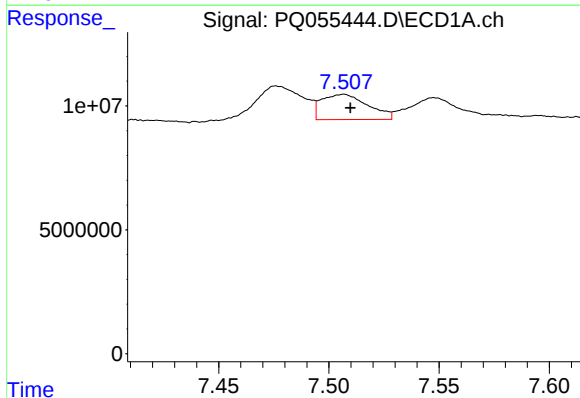
R.T.: 7.079 min
Delta R.T.: -0.002 min
Response: 11308575
Conc: 35.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



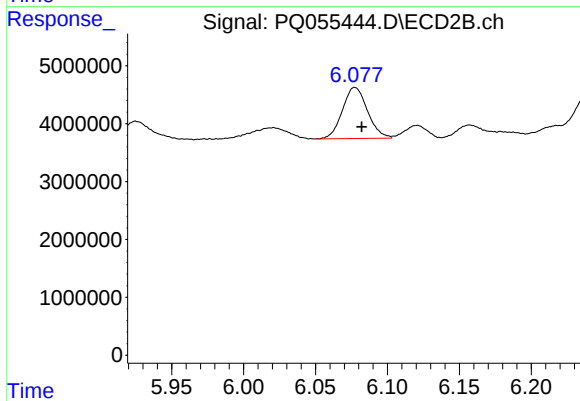
#23 AR-1248-3

R.T.: 5.891 min
Delta R.T.: -0.005 min
Response: 10694742
Conc: 38.23 ng/ml



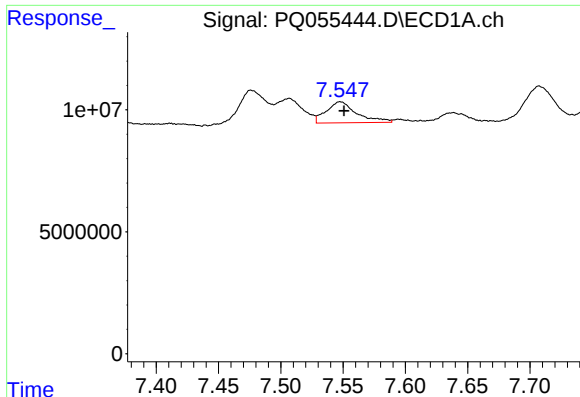
#24 AR-1248-4

R.T.: 7.507 min
Delta R.T.: -0.003 min
Response: 14928933
Conc: 40.39 ng/ml



#24 AR-1248-4

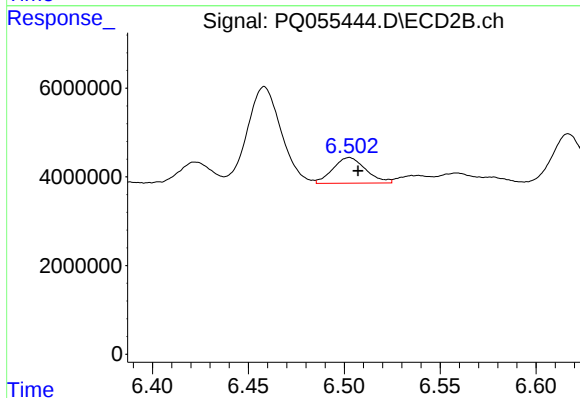
R.T.: 6.077 min
Delta R.T.: -0.005 min
Response: 10765811
Conc: 32.56 ng/ml



#25 AR-1248-5

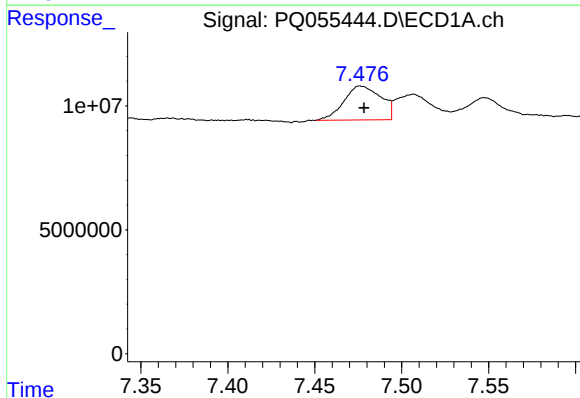
R.T.: 7.548 min
Delta R.T.: -0.003 min
Response: 14698290
Conc: 37.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



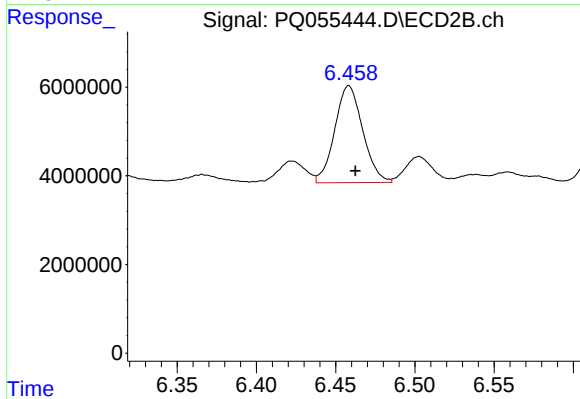
#25 AR-1248-5

R.T.: 6.503 min
Delta R.T.: -0.005 min
Response: 6900660
Conc: 20.98 ng/ml



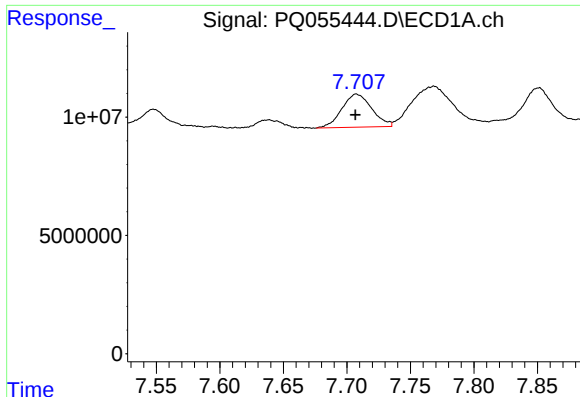
#26 AR-1254-1

R.T.: 7.476 min
Delta R.T.: -0.002 min
Response: 20313310
Conc: 54.67 ng/ml



#26 AR-1254-1

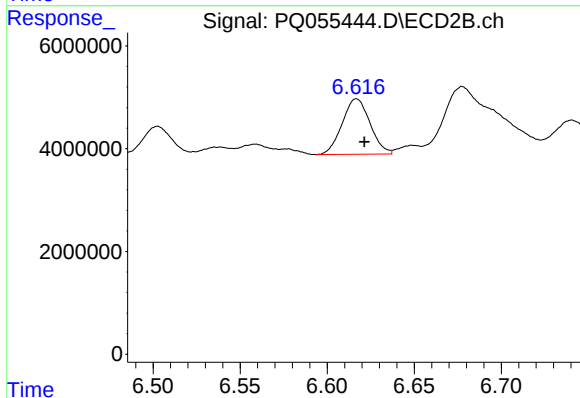
R.T.: 6.458 min
Delta R.T.: -0.004 min
Response: 26911222
Conc: 49.64 ng/ml



#27 AR-1254-2

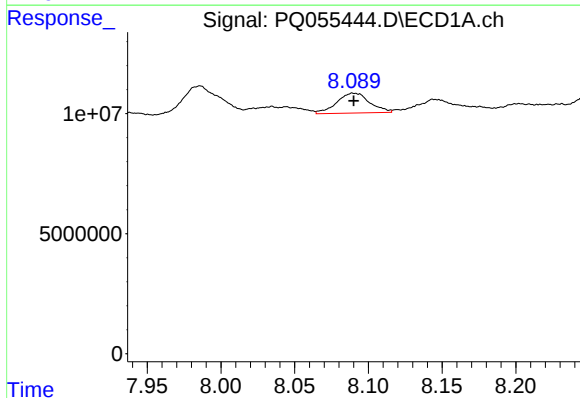
R.T.: 7.708 min
Delta R.T.: 0.000 min
Response: 22956267
Conc: 39.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



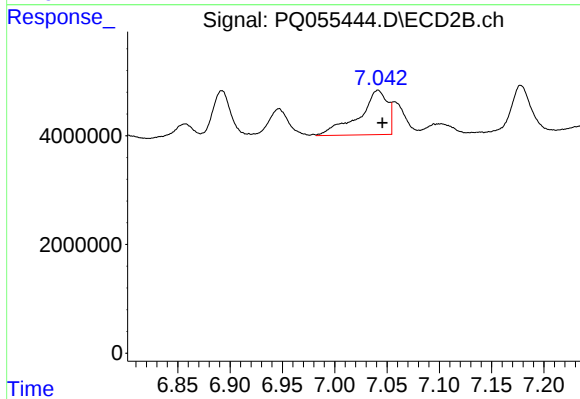
#27 AR-1254-2

R.T.: 6.617 min
Delta R.T.: -0.005 min
Response: 12034124
Conc: 25.75 ng/ml



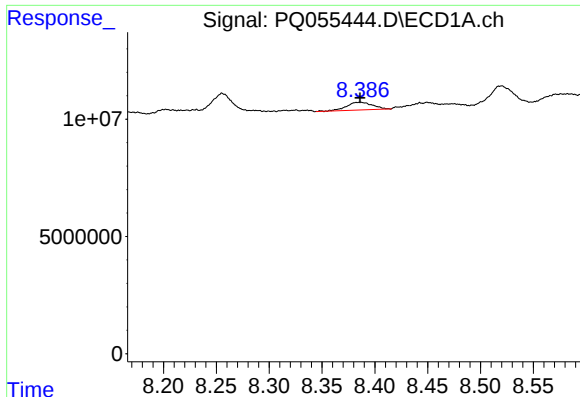
#28 AR-1254-3

R.T.: 8.090 min
Delta R.T.: 0.000 min
Response: 12914140
Conc: 18.33 ng/ml



#28 AR-1254-3

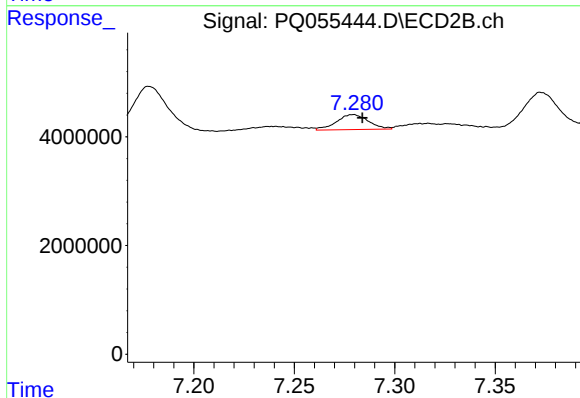
R.T.: 7.042 min
Delta R.T.: -0.004 min
Response: 15491238
Conc: 20.36 ng/ml



#29 AR-1254-4

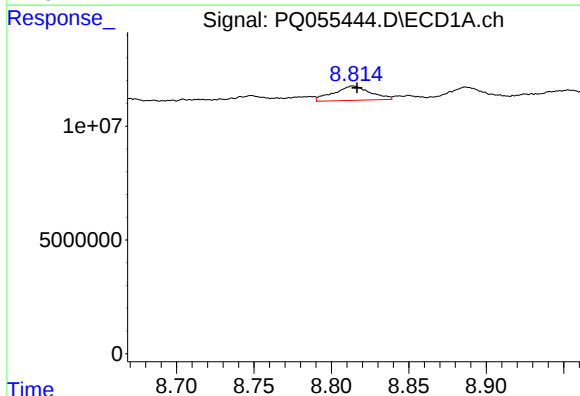
R.T.: 8.386 min
Delta R.T.: 0.000 min
Response: 5677901
Conc: 10.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



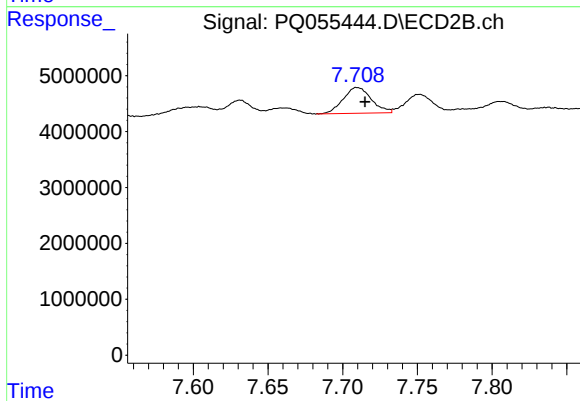
#29 AR-1254-4

R.T.: 7.280 min
Delta R.T.: -0.004 min
Response: 3034820
Conc: 6.52 ng/ml



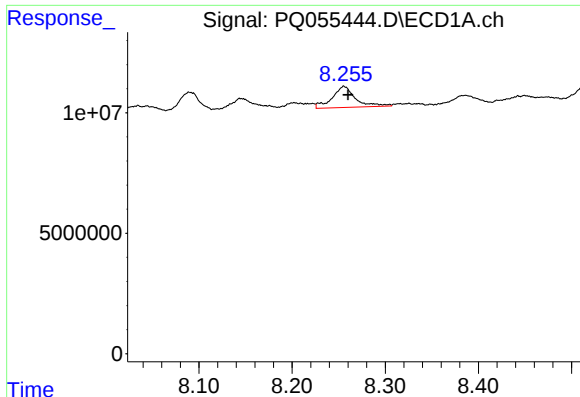
#30 AR-1254-5

R.T.: 8.814 min
Delta R.T.: -0.003 min
Response: 10371922
Conc: 18.24 ng/ml



#30 AR-1254-5

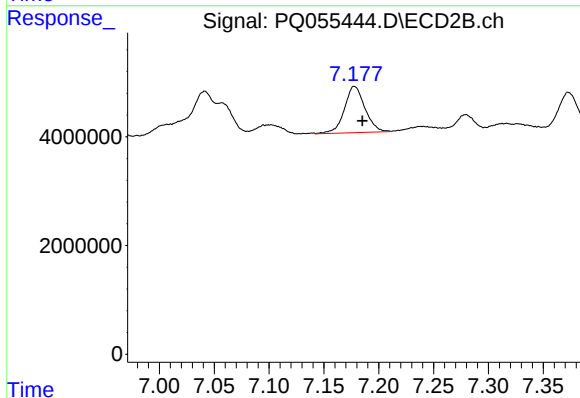
R.T.: 7.710 min
Delta R.T.: -0.005 min
Response: 6078256
Conc: 9.44 ng/ml



#31 AR-1260-1

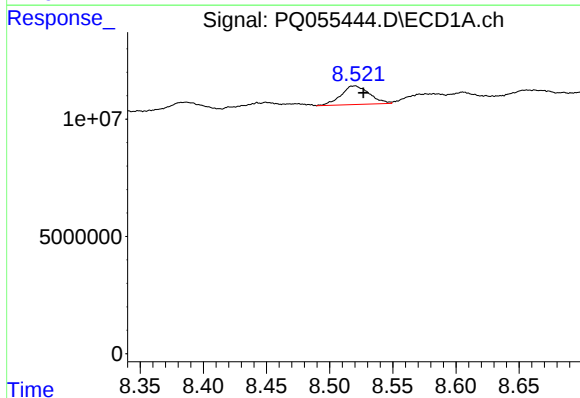
R.T.: 8.256 min
Delta R.T.: -0.004 min
Response: 15265323
Conc: 35.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



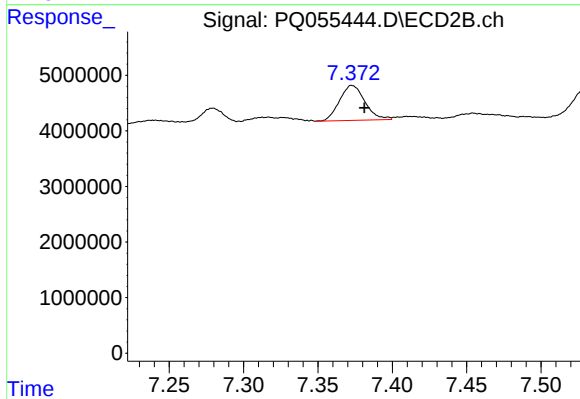
#31 AR-1260-1

R.T.: 7.178 min
Delta R.T.: -0.007 min
Response: 11089006
Conc: 23.32 ng/ml



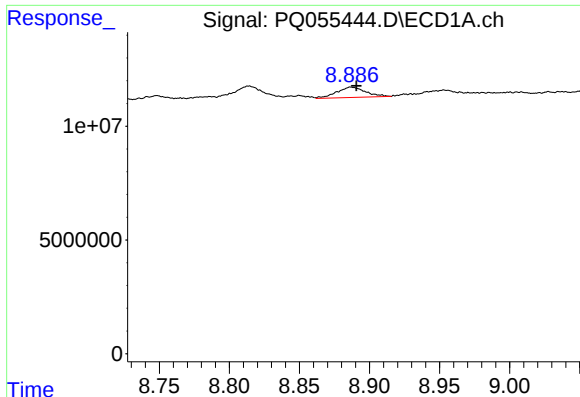
#32 AR-1260-2

R.T.: 8.520 min
Delta R.T.: -0.007 min
Response: 12504564
Conc: 23.16 ng/ml



#32 AR-1260-2

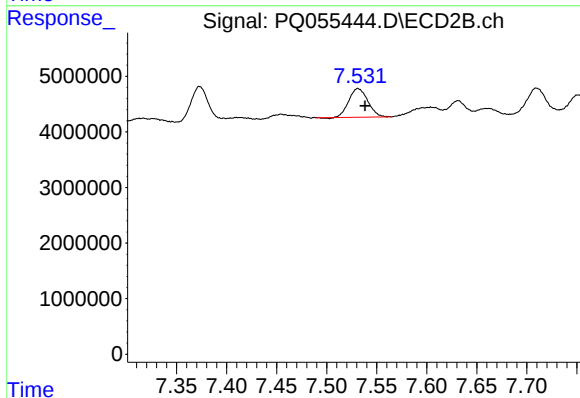
R.T.: 7.373 min
Delta R.T.: -0.009 min
Response: 7505693
Conc: 13.22 ng/ml



#33 AR-1260-3

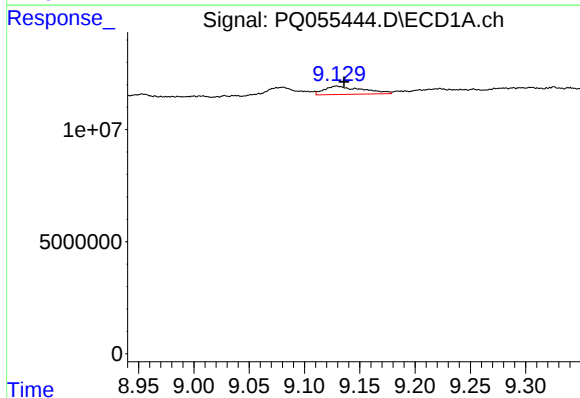
R.T.: 8.887 min
Delta R.T.: -0.004 min
Response: 6470933
Conc: 16.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



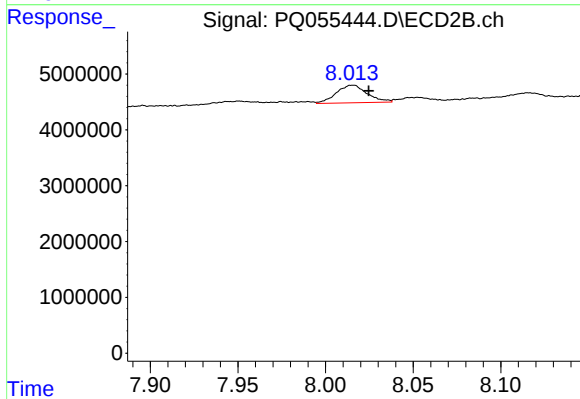
#33 AR-1260-3

R.T.: 7.531 min
Delta R.T.: -0.007 min
Response: 6846985
Conc: 12.08 ng/ml



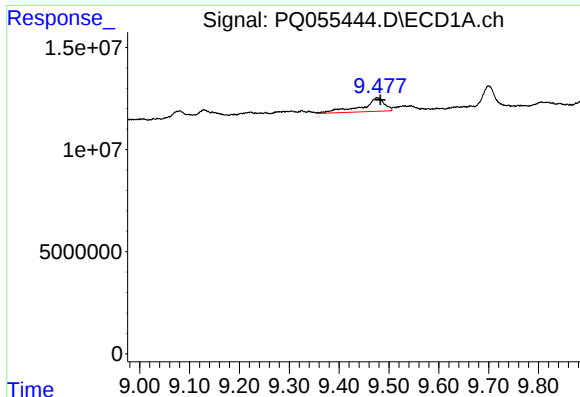
#34 AR-1260-4

R.T.: 9.129 min
Delta R.T.: -0.007 min
Response: 8816997
Conc: 17.95 ng/ml



#34 AR-1260-4

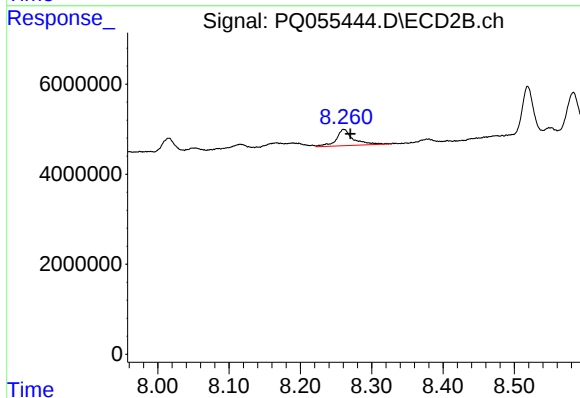
R.T.: 8.015 min
Delta R.T.: -0.009 min
Response: 3853392
Conc: 9.35 ng/ml



#35 AR-1260-5

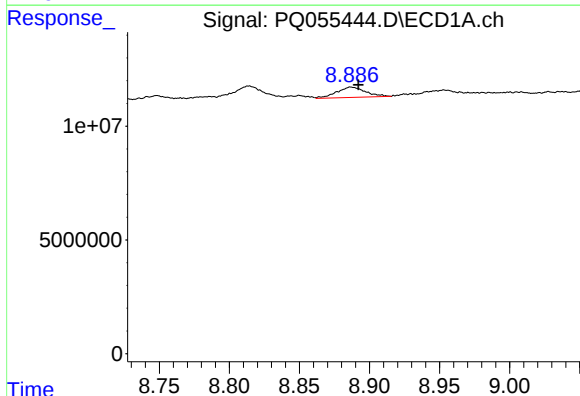
R.T.: 9.477 min
Delta R.T.: -0.006 min
Response: 21159468
Conc: 18.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



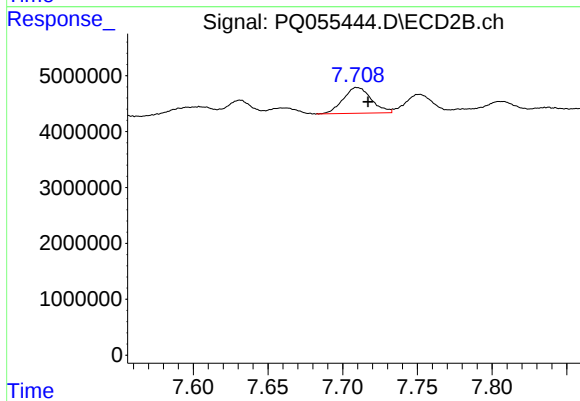
#35 AR-1260-5

R.T.: 8.261 min
Delta R.T.: -0.009 min
Response: 6130676
Conc: 6.02 ng/ml



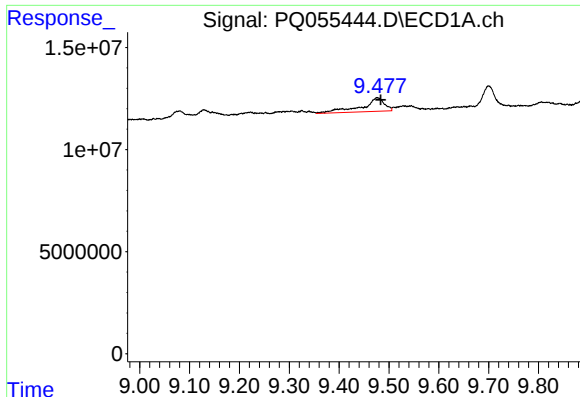
#36 AR-1262-1

R.T.: 8.887 min
Delta R.T.: -0.005 min
Response: 6470933
Conc: 11.78 ng/ml



#36 AR-1262-1

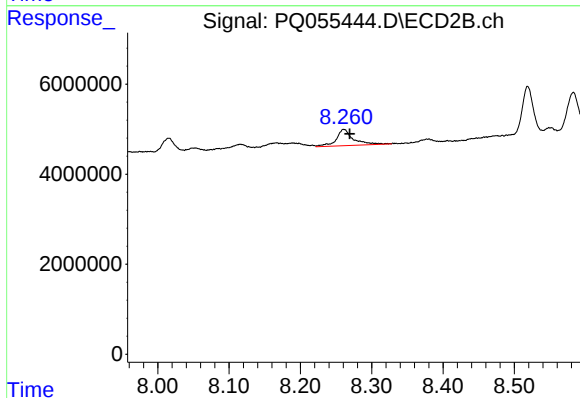
R.T.: 7.710 min
Delta R.T.: -0.007 min
Response: 6078256
Conc: 20.04 ng/ml



#37 AR-1262-2

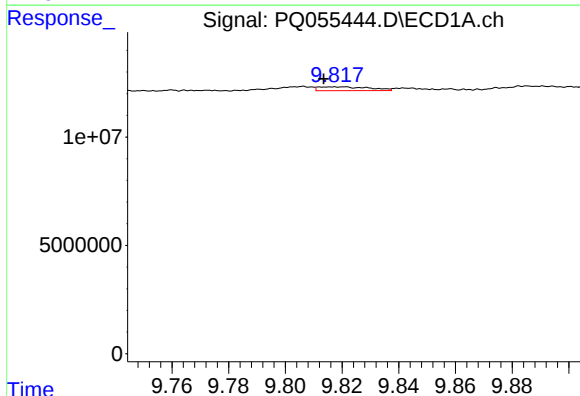
R.T.: 9.477 min
Delta R.T.: -0.007 min
Response: 21159468
Conc: 17.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



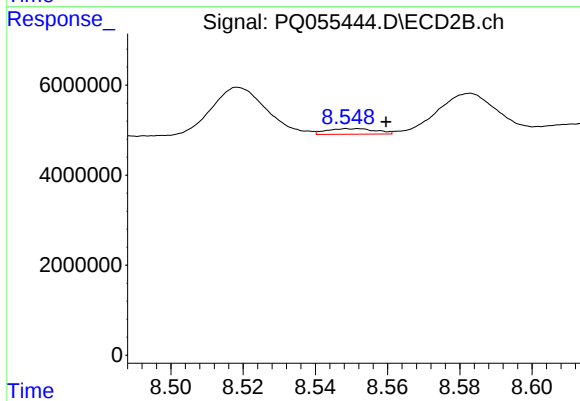
#37 AR-1262-2

R.T.: 8.261 min
Delta R.T.: -0.008 min
Response: 6130676
Conc: 5.61 ng/ml



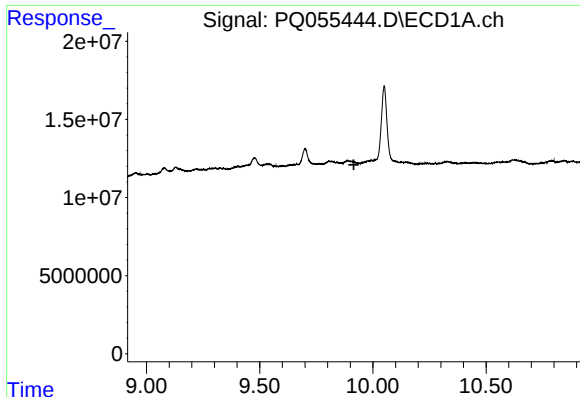
#38 AR-1262-3

R.T.: 9.820 min
Delta R.T.: 0.007 min
Response: 2247796
Conc: 3.72 ng/ml



#38 AR-1262-3

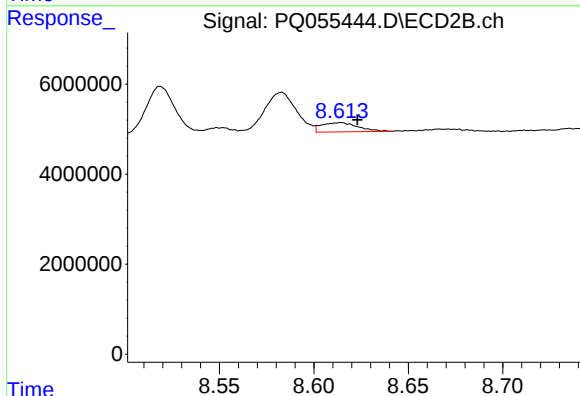
R.T.: 8.551 min
Delta R.T.: -0.009 min
Response: 1163560
Conc: 2.90 ng/ml



#39 AR-1262-4

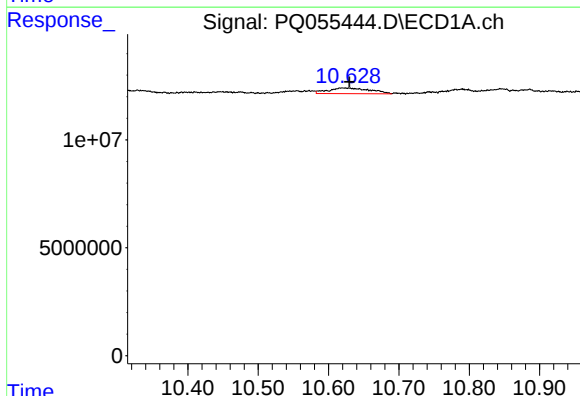
R.T.: 0.000 min
Exp R.T.: 9.916 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



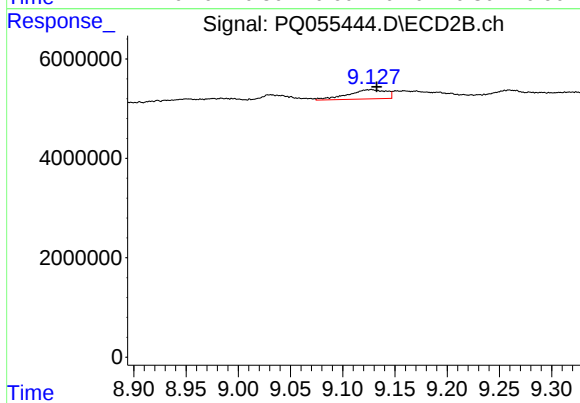
#39 AR-1262-4

R.T.: 8.614 min
Delta R.T.: -0.009 min
Response: 2733043
Conc: 3.52 ng/ml



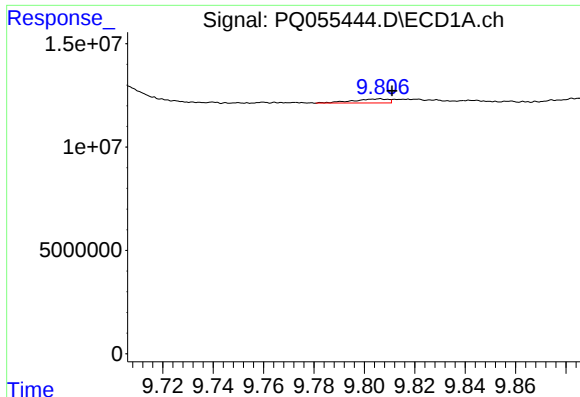
#40 AR-1262-5

R.T.: 10.620 min
Delta R.T.: -0.010 min
Response: 10896101
Conc: 18.96 ng/ml



#40 AR-1262-5

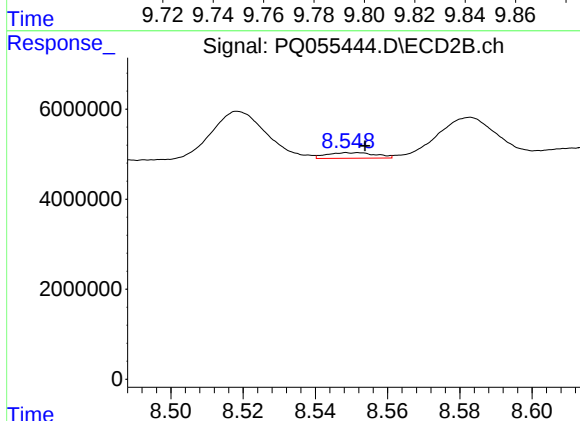
R.T.: 9.127 min
Delta R.T.: -0.005 min
Response: 4765419
Conc: 13.69 ng/ml



#41 AR-1268-1

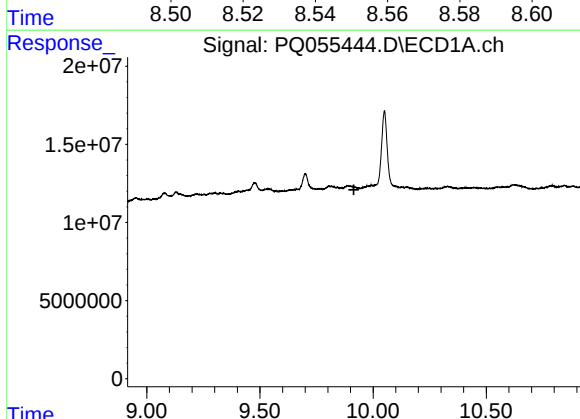
R.T.: 9.806 min
Delta R.T.: -0.005 min
Response: 1938309
Conc: 1.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



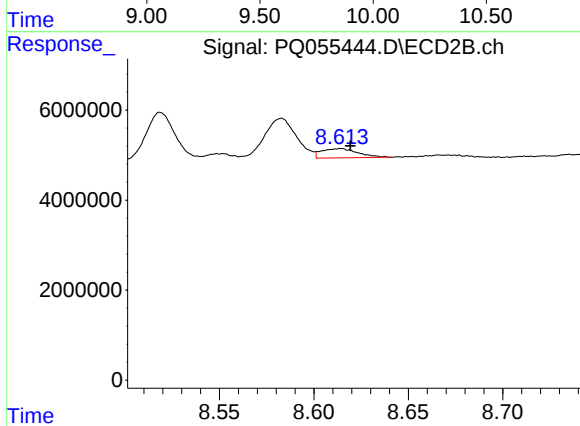
#41 AR-1268-1

R.T.: 8.551 min
Delta R.T.: -0.003 min
Response: 1163560
Conc: 0.87 ng/ml



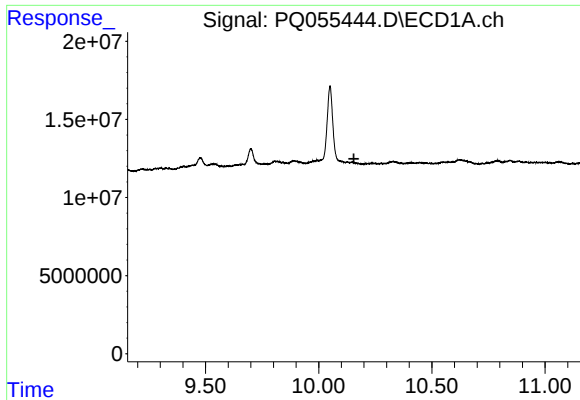
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.915 min
Response: 0
Conc: N.D.



#42 AR-1268-2

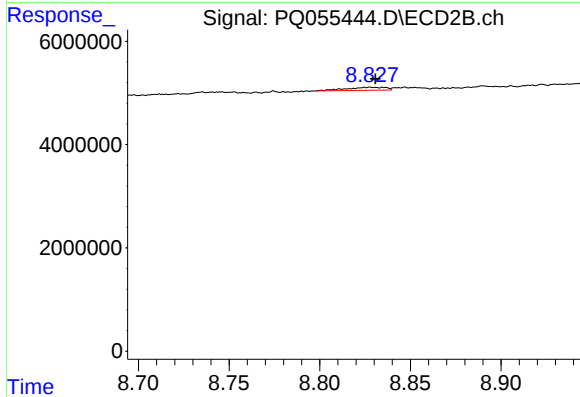
R.T.: 8.614 min
Delta R.T.: -0.005 min
Response: 2733043
Conc: 2.24 ng/ml



#43 AR-1268-3

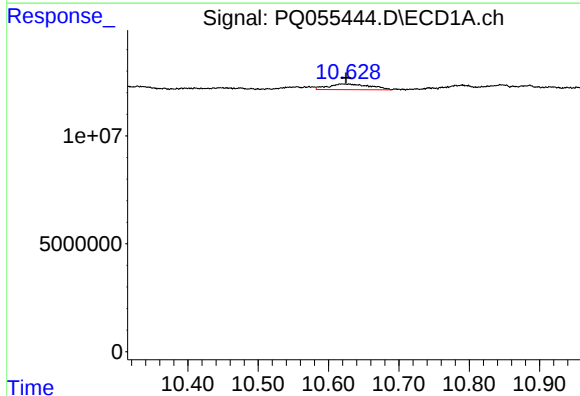
R.T.: 0.000 min
Exp R.T.: 10.156 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



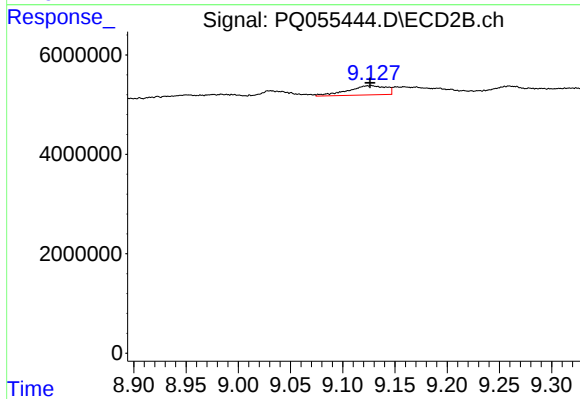
#43 AR-1268-3

R.T.: 8.828 min
Delta R.T.: -0.003 min
Response: 886822
Conc: 0.88 ng/ml



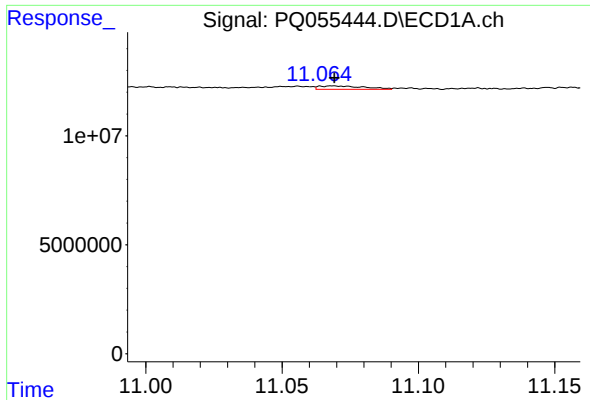
#44 AR-1268-4

R.T.: 10.620 min
Delta R.T.: -0.005 min
Response: 10896101
Conc: 14.39 ng/ml



#44 AR-1268-4

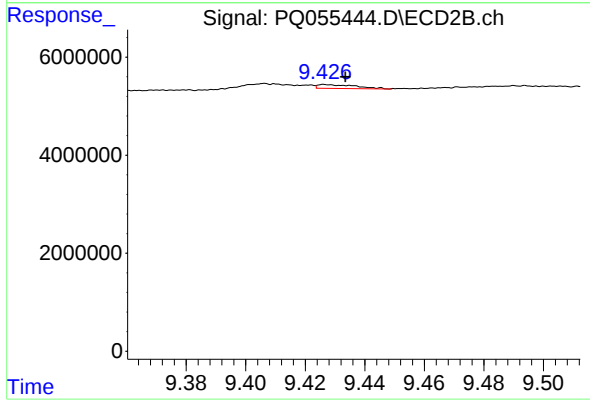
R.T.: 9.127 min
Delta R.T.: 0.001 min
Response: 4765419
Conc: 11.40 ng/ml



#45 AR-1268-5

R.T.: 11.069 min
Delta R.T.: 0.000 min
Response: 1862549
Conc: 0.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.427 min
Delta R.T.: -0.007 min
Response: 709742
Conc: 0.22 ng/ml