

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ122821\
 Data File : PQ055421.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Dec 2021 14:48
 Operator : AJ\MA
 Sample : M5244-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 29 01:29:44 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...	5.244	4.312	252.5E6	184.0E6	22.437	20.557
2)	SA Decachlor...	11.435	9.702	326.7E6	155.8E6	23.001	20.167
Target Compounds							
3)	L1 AR-1016-1	6.591f	5.580	77799654	22532919	233.462	64.445 #
4)	L1 AR-1016-2	6.591	5.604	77799654	45106516	139.680	91.327 #
5)	L1 AR-1016-3	6.657	5.797	35837698	38097390	98.704	148.297 #
6)	L1 AR-1016-4	6.767	5.847	45977023	64819877	152.364	318.944 #
7)	L1 AR-1016-5	7.086	6.090	31579937	31901218	126.349	125.633
8)	L2 AR-1221-1	5.500	4.572	144.7E6	553035	1161.193	5.218 #
9)	L2 AR-1221-2	5.602	4.676	7188018	28555330	64.353	372.840 #
10)	L2 AR-1221-3	5.681	4.763	23966140	13538984	81.533	52.708 #
11)	L3 AR-1232-1	5.681	4.763	23966140	13538984	99.748	63.854 #
12)	L3 AR-1232-2	6.289f	5.604	69164144	45106516	570.313	226.852 #
13)	L3 AR-1232-3	6.591	5.797	77799654	38097390	334.424	370.297
14)	L3 AR-1232-4	6.767	5.892	45977023	48422258	365.211	539.564 #
15)	L3 AR-1232-5	6.864	6.090	29786936	31901218	465.384	335.087 #
16)	L4 AR-1242-1	6.591f	5.580	77799654	22532919	304.669	85.903 #
17)	L4 AR-1242-2	6.591	5.604	77799654	45106516	187.549	122.472 #
18)	L4 AR-1242-3	6.657	5.797	35837698	38097390	132.084	197.284 #
19)	L4 AR-1242-4	6.767	5.892	45977023	48422258	203.128	259.900 #
20)	L4 AR-1242-5	7.554	6.460	72397117	99518875	316.970	419.327 #
21)	L5 AR-1248-1	6.591f	5.580	77799654	22532919	405.128	115.437 #
22)	L5 AR-1248-2	6.864	5.847	29786936	64819877	116.880	241.249 #
23)	L5 AR-1248-3	7.086	5.892	31579937	48422258	98.277	173.108 #
24)	L5 AR-1248-4	7.502	6.090	47250259	31901218	127.838	96.483
25)	L5 AR-1248-5	7.554	6.506	72397117	66479696	186.952	202.118
26)	L6 AR-1254-1	7.482	6.460	46480647	99518875	125.089	183.573 #
27)	L6 AR-1254-2	7.714	6.611	189.7E6	81220485	326.467	173.788 #
28)	L6 AR-1254-3	8.097	7.065f	269.4E6	274.0E6	382.544	360.265
29)	L6 AR-1254-4	8.395	0.000	130.5E6	0	246.766	N.D. #
30)	L6 AR-1254-5	8.839f	7.713	479.2E6	62549649	842.928	97.145 #
31)	L7 AR-1260-1	8.253	7.197	502.5E6	3595992	1154.420	7.564 #
32)	L7 AR-1260-2	8.528	7.383	428.5E6	64976884	793.535	114.427 #
33)	L7 AR-1260-3	0.000	7.518f	0	65490221	N.D.	115.590 #
34)	L7 AR-1260-4	9.124	8.020	266.7E6	144.4E6	542.925	350.447 #
35)	L7 AR-1260-5	9.474	0.000	62417307	0	54.325	N.D. #
36)	L8 AR-1262-1	0.000	7.713	0	62549649	N.D.	206.267 #
37)	L8 AR-1262-2	9.474	0.000	62417307	0	51.912	N.D. #
38)	L8 AR-1262-3	9.810	8.560	33358439	54794322	55.263	136.731 #
39)	L8 AR-1262-4	9.914	8.613	175.2E6	16691706	382.007	21.488 #
40)	L8 AR-1262-5	10.637	9.161f	177.2E6	62801316	308.381	180.475 #
41)	L9 AR-1268-1	9.810	8.560	33358439	54794322	17.659	40.919 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ122821\
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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Dec 2021 14:48
 Operator : AJ\MA
 Sample : M5244-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

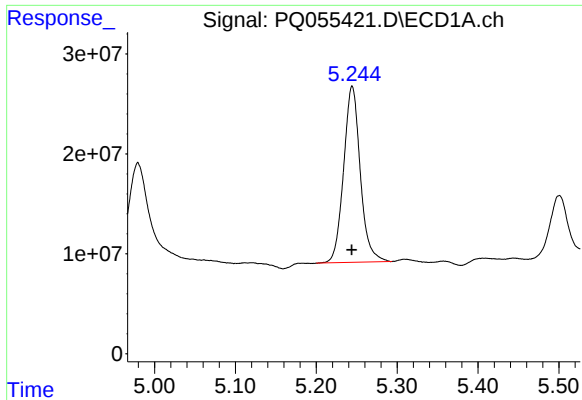
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 29 01:29:44 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ122321.M
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 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	9.914	8.613	175.2E6	16691706	87.336	13.694 #
43) L9	AR-1268-3	10.180f	8.813f	21755037	15485563	12.445	15.354
44) L9	AR-1268-4	10.637	0.000	177.2E6	0	233.964	N.D. #

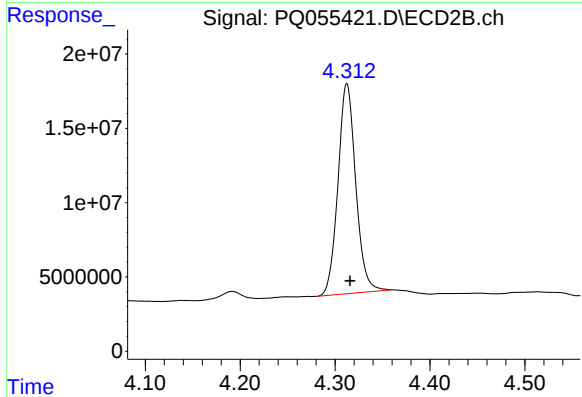
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

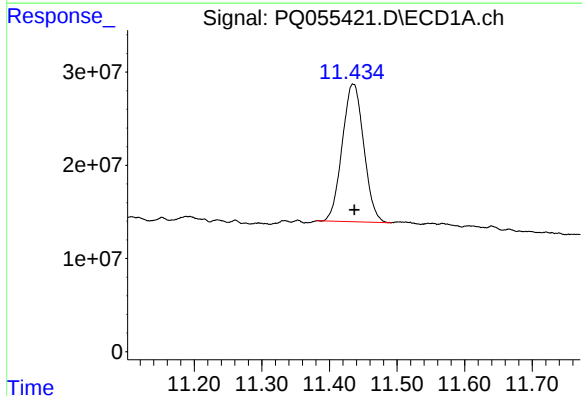
R.T.: 5.244 min
Delta R.T.: 0.000 min
Response: 252503636
Conc: 22.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



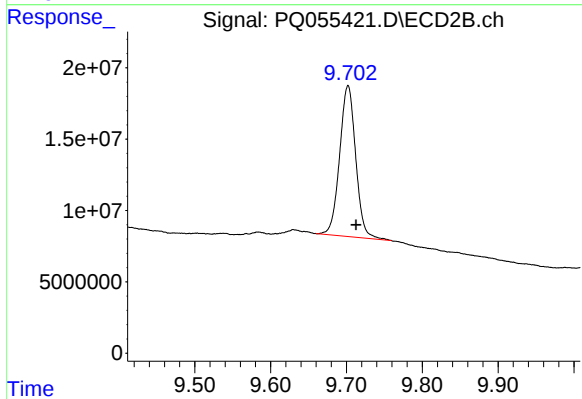
#1 Tetrachloro-m-xylene

R.T.: 4.312 min
Delta R.T.: -0.003 min
Response: 184041536
Conc: 20.56 ng/ml



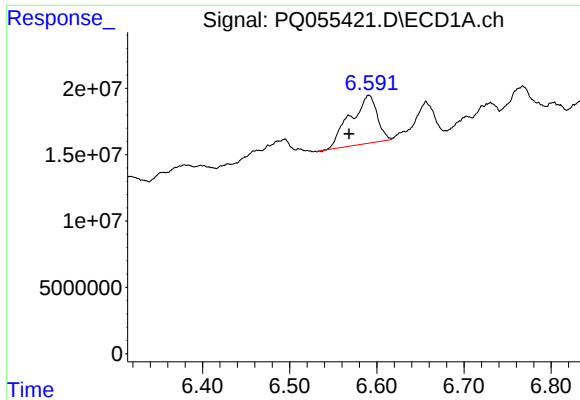
#2 Decachlorobiphenyl

R.T.: 11.435 min
Delta R.T.: -0.002 min
Response: 326657596
Conc: 23.00 ng/ml



#2 Decachlorobiphenyl

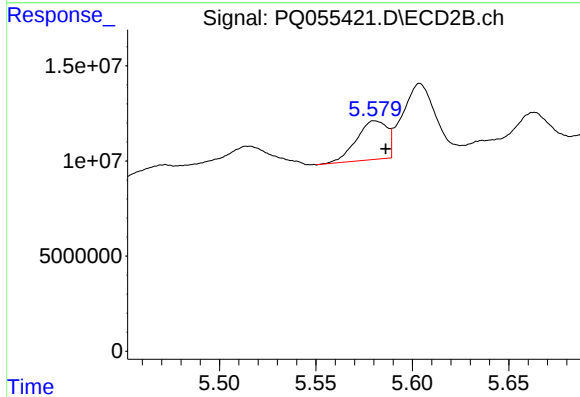
R.T.: 9.702 min
Delta R.T.: -0.011 min
Response: 155791382
Conc: 20.17 ng/ml



#3 AR-1016-1

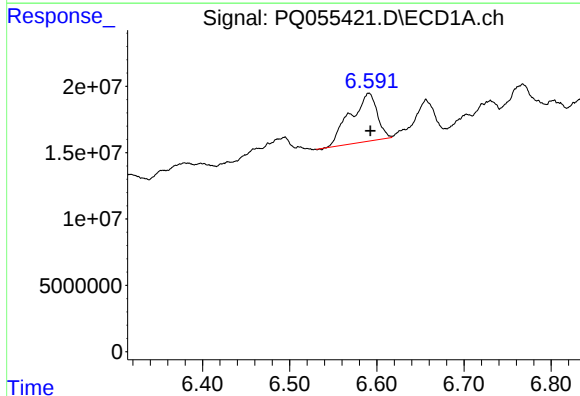
R.T.: 6.591 min
Delta R.T.: 0.023 min
Response: 77799654
Conc: 233.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



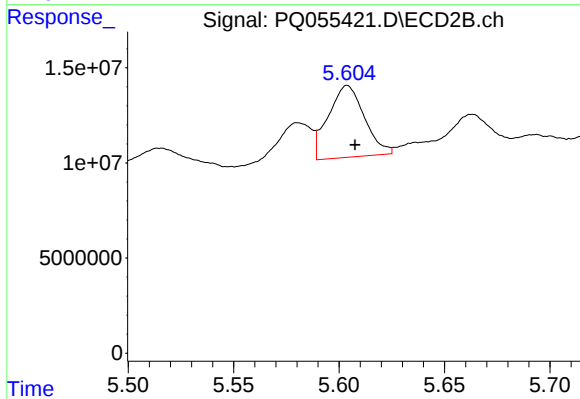
#3 AR-1016-1

R.T.: 5.580 min
Delta R.T.: -0.006 min
Response: 22532919
Conc: 64.44 ng/ml



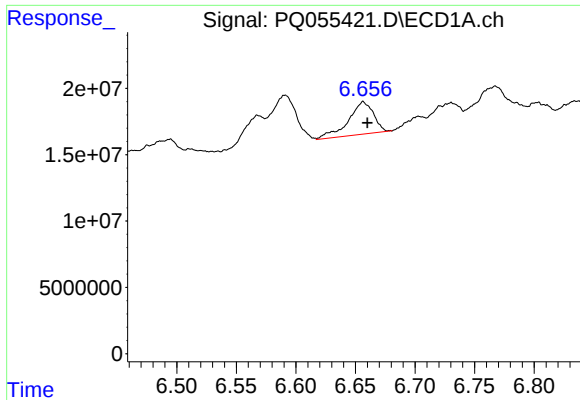
#4 AR-1016-2

R.T.: 6.591 min
Delta R.T.: -0.002 min
Response: 77799654
Conc: 139.68 ng/ml



#4 AR-1016-2

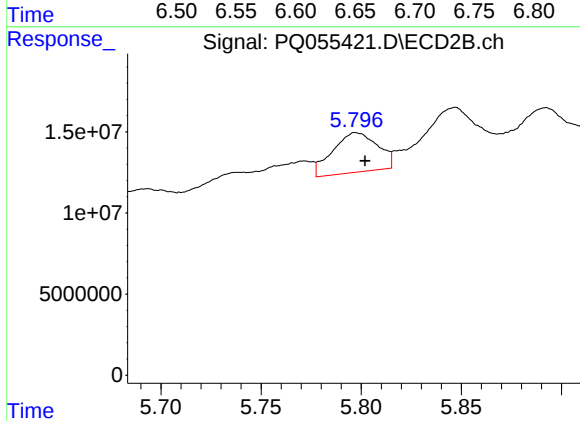
R.T.: 5.604 min
Delta R.T.: -0.004 min
Response: 45106516
Conc: 91.33 ng/ml



#5 AR-1016-3

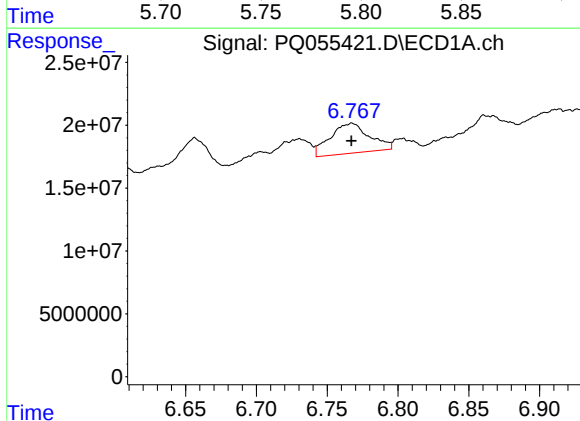
R.T.: 6.657 min
Delta R.T.: -0.003 min
Response: 35837698
Conc: 98.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



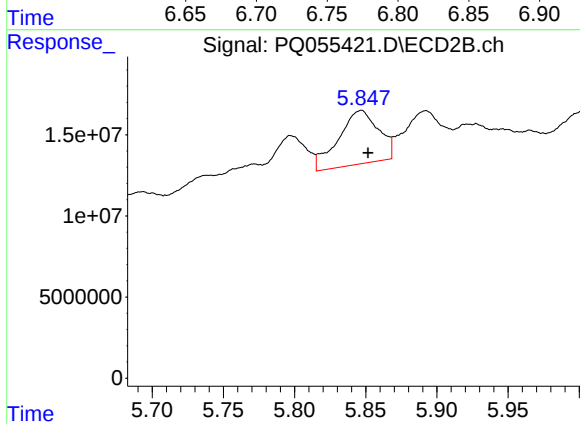
#5 AR-1016-3

R.T.: 5.797 min
Delta R.T.: -0.005 min
Response: 38097390
Conc: 148.30 ng/ml



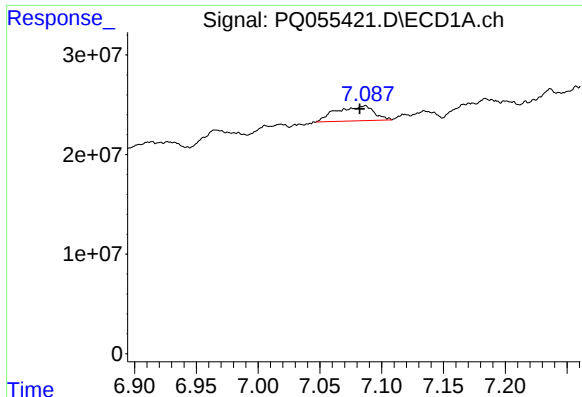
#6 AR-1016-4

R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 45977023
Conc: 152.36 ng/ml



#6 AR-1016-4

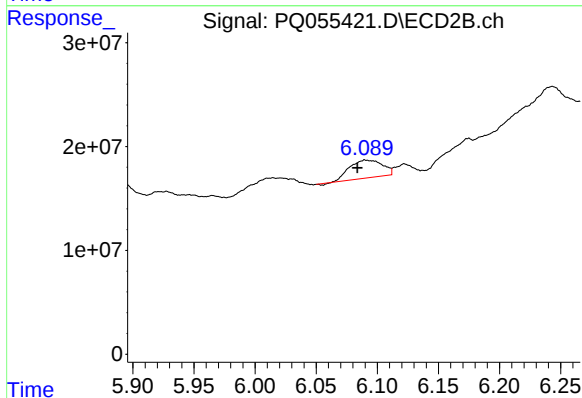
R.T.: 5.847 min
Delta R.T.: -0.004 min
Response: 64819877
Conc: 318.94 ng/ml



#7 AR-1016-5

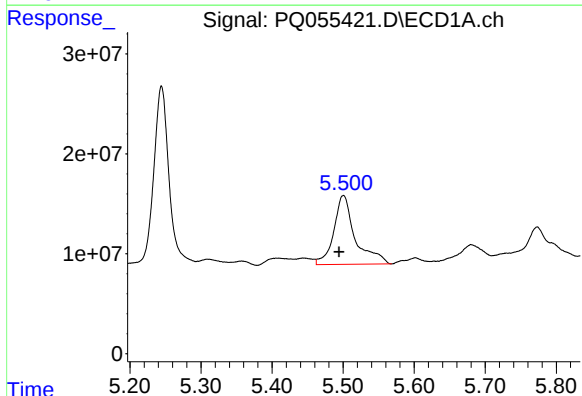
R.T.: 7.086 min
Delta R.T.: 0.003 min
Response: 31579937
Conc: 126.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



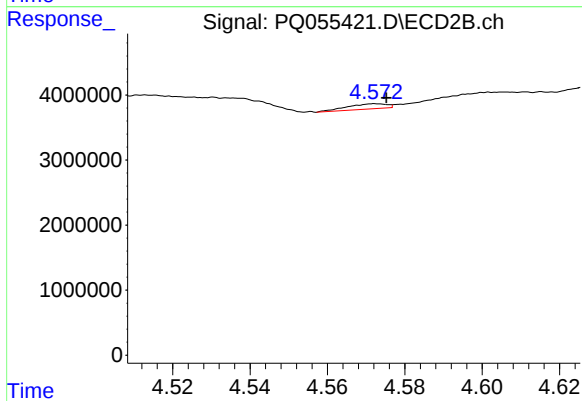
#7 AR-1016-5

R.T.: 6.090 min
Delta R.T.: 0.006 min
Response: 31901218
Conc: 125.63 ng/ml



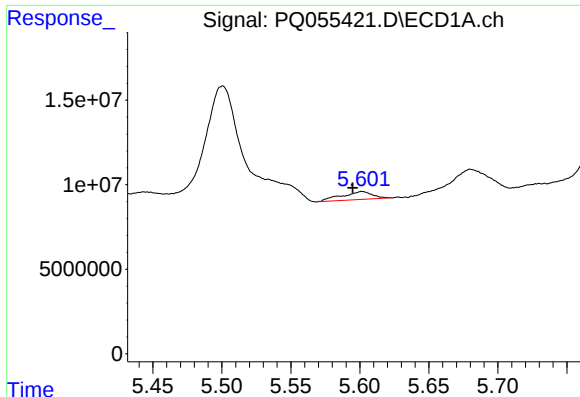
#8 AR-1221-1

R.T.: 5.500 min
Delta R.T.: 0.006 min
Response: 144738001
Conc: 1161.19 ng/ml



#8 AR-1221-1

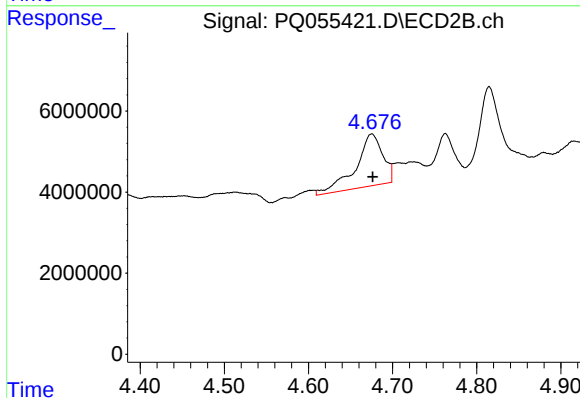
R.T.: 4.572 min
Delta R.T.: -0.003 min
Response: 553035
Conc: 5.22 ng/ml



#9 AR-1221-2

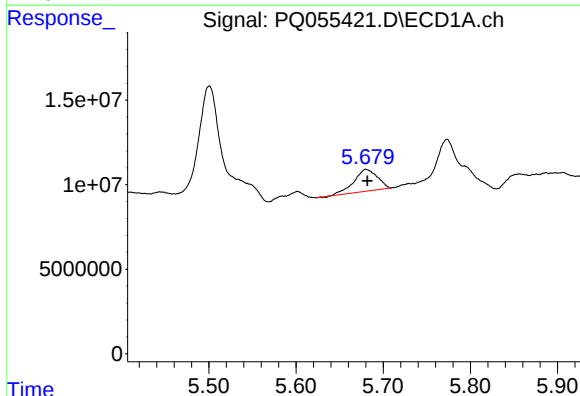
R.T.: 5.602 min
Delta R.T.: 0.007 min
Response: 7188018
Conc: 64.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



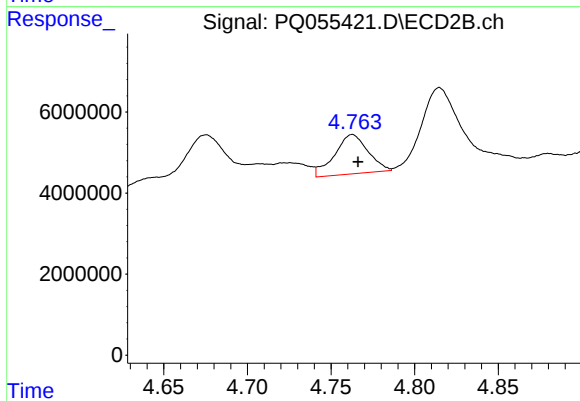
#9 AR-1221-2

R.T.: 4.676 min
Delta R.T.: 0.000 min
Response: 28555330
Conc: 372.84 ng/ml



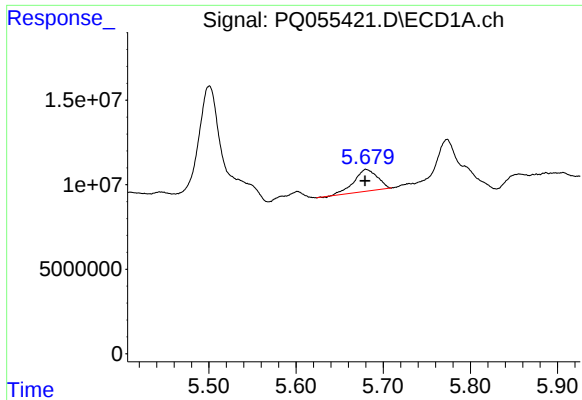
#10 AR-1221-3

R.T.: 5.681 min
Delta R.T.: -0.001 min
Response: 23966140
Conc: 81.53 ng/ml



#10 AR-1221-3

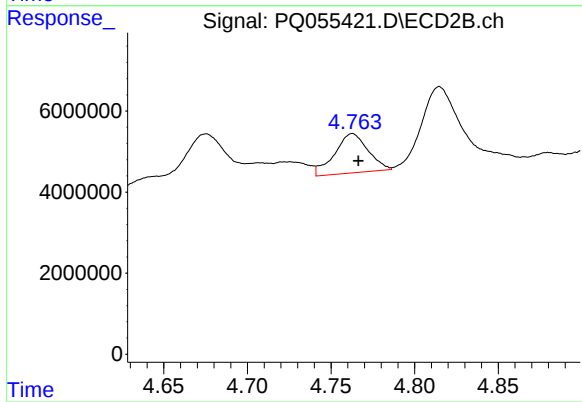
R.T.: 4.763 min
Delta R.T.: -0.003 min
Response: 13538984
Conc: 52.71 ng/ml



#11 AR-1232-1

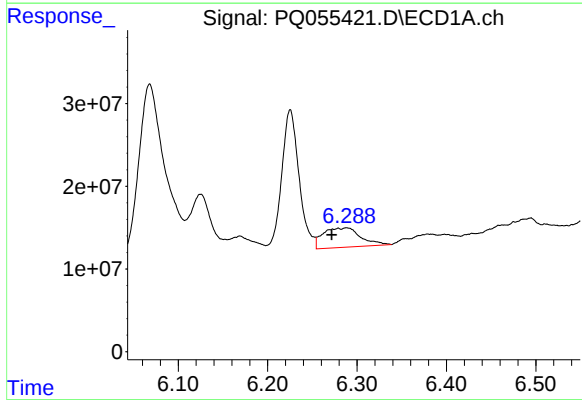
R.T.: 5.681 min
Delta R.T.: 0.002 min
Response: 23966140
Conc: 99.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



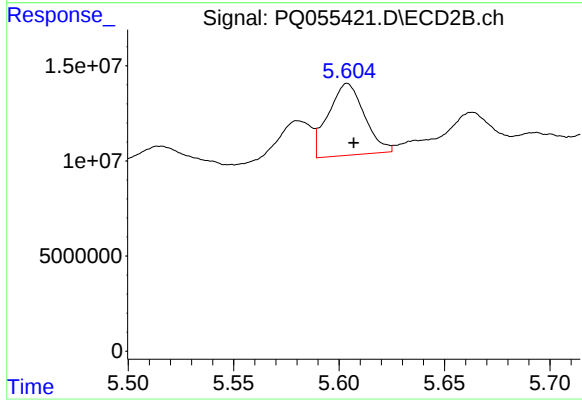
#11 AR-1232-1

R.T.: 4.763 min
Delta R.T.: -0.003 min
Response: 13538984
Conc: 63.85 ng/ml



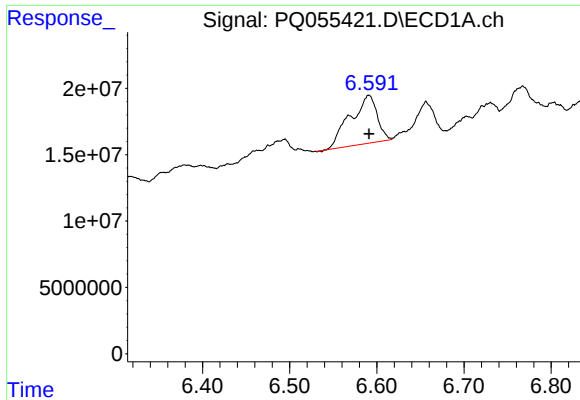
#12 AR-1232-2

R.T.: 6.289 min
Delta R.T.: 0.017 min
Response: 69164144
Conc: 570.31 ng/ml



#12 AR-1232-2

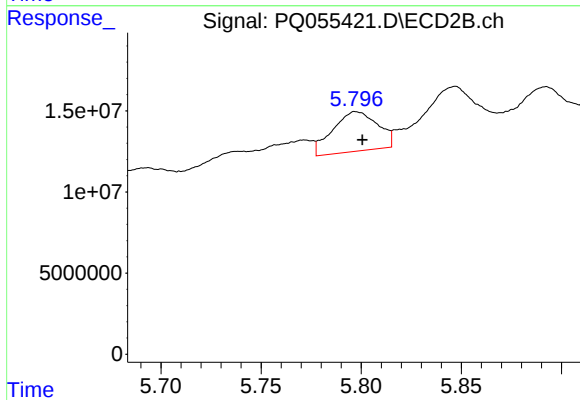
R.T.: 5.604 min
Delta R.T.: -0.003 min
Response: 45106516
Conc: 226.85 ng/ml



#13 AR-1232-3

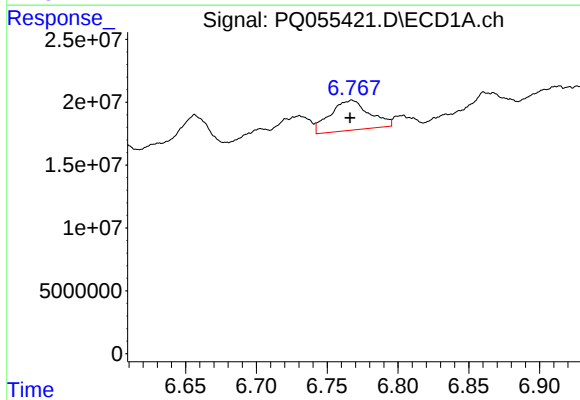
R.T.: 6.591 min
Delta R.T.: 0.000 min
Response: 77799654
Conc: 334.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



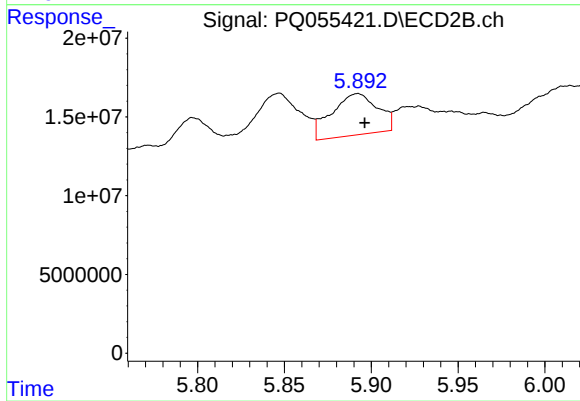
#13 AR-1232-3

R.T.: 5.797 min
Delta R.T.: -0.004 min
Response: 38097390
Conc: 370.30 ng/ml



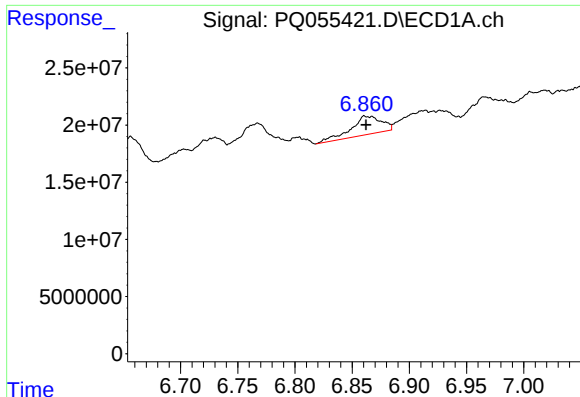
#14 AR-1232-4

R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 45977023
Conc: 365.21 ng/ml



#14 AR-1232-4

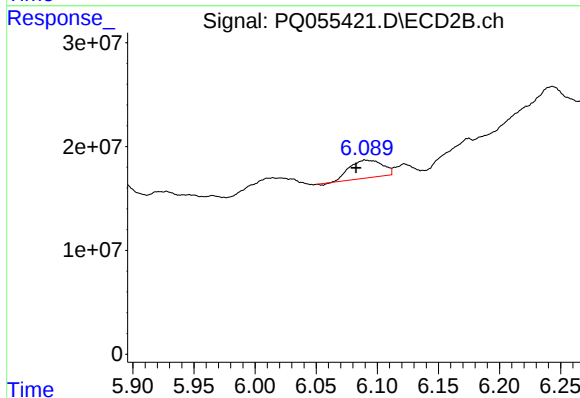
R.T.: 5.892 min
Delta R.T.: -0.004 min
Response: 48422258
Conc: 539.56 ng/ml



#15 AR-1232-5

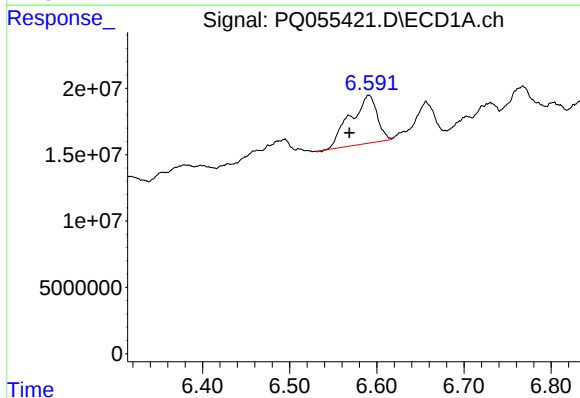
R.T.: 6.864 min
Delta R.T.: 0.002 min
Response: 29786936
Conc: 465.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



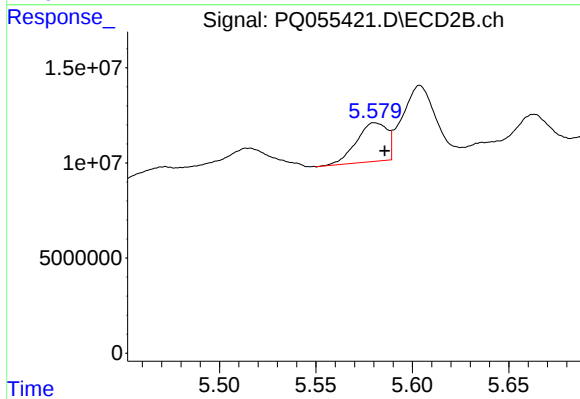
#15 AR-1232-5

R.T.: 6.090 min
Delta R.T.: 0.007 min
Response: 31901218
Conc: 335.09 ng/ml



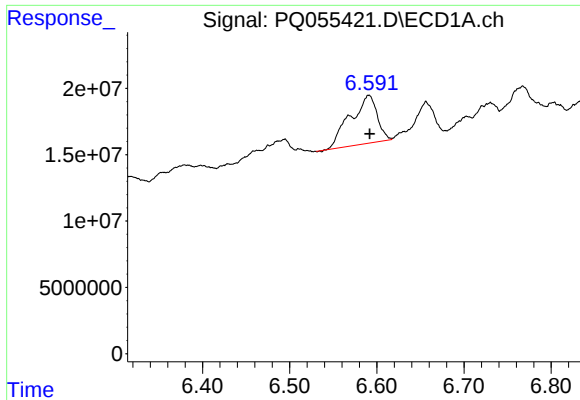
#16 AR-1242-1

R.T.: 6.591 min
Delta R.T.: 0.022 min
Response: 77799654
Conc: 304.67 ng/ml



#16 AR-1242-1

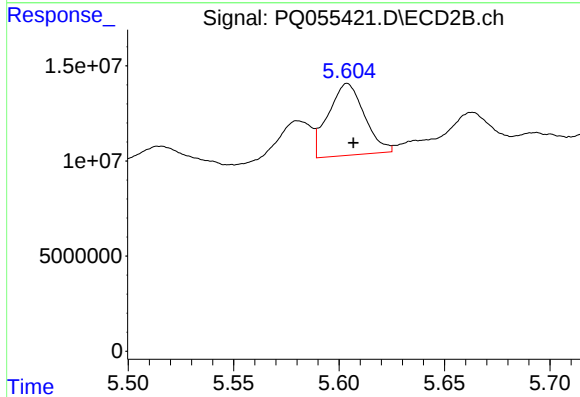
R.T.: 5.580 min
Delta R.T.: -0.005 min
Response: 22532919
Conc: 85.90 ng/ml



#17 AR-1242-2

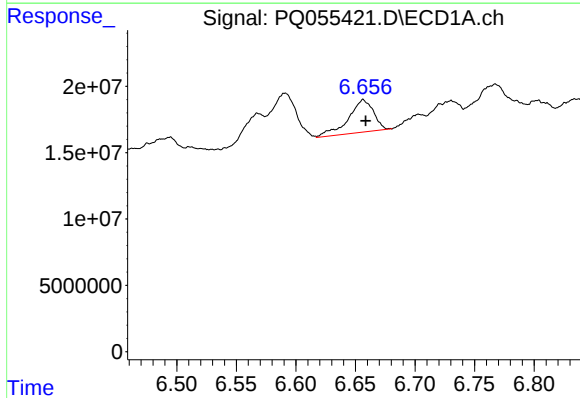
R.T.: 6.591 min
Delta R.T.: -0.001 min
Response: 77799654
Conc: 187.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



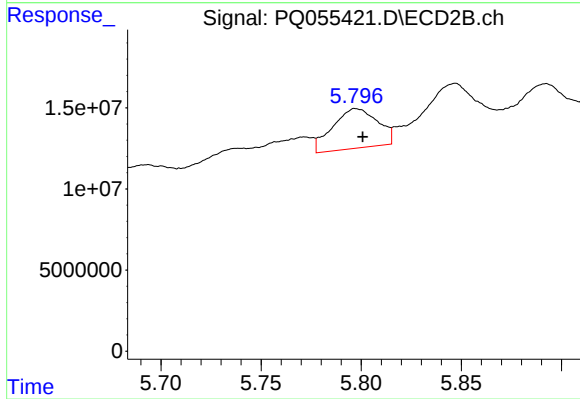
#17 AR-1242-2

R.T.: 5.604 min
Delta R.T.: -0.003 min
Response: 45106516
Conc: 122.47 ng/ml



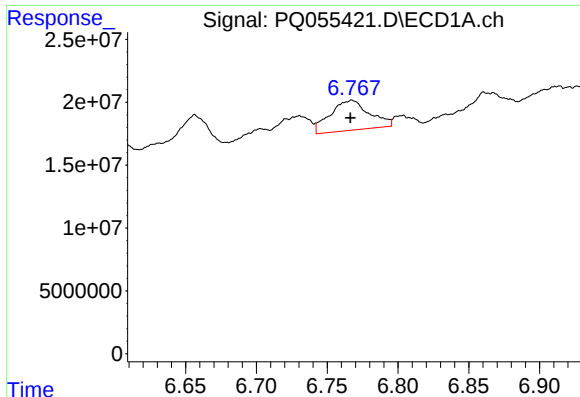
#18 AR-1242-3

R.T.: 6.657 min
Delta R.T.: -0.002 min
Response: 35837698
Conc: 132.08 ng/ml



#18 AR-1242-3

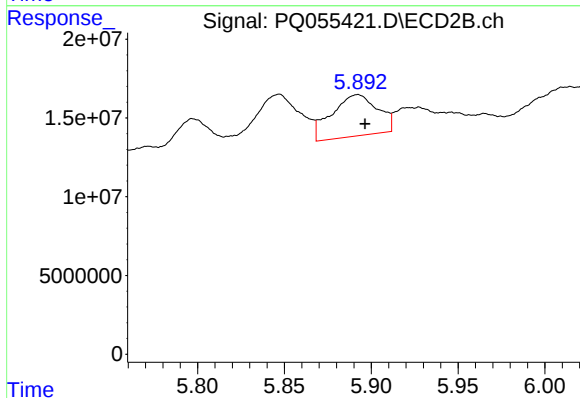
R.T.: 5.797 min
Delta R.T.: -0.004 min
Response: 38097390
Conc: 197.28 ng/ml



#19 AR-1242-4

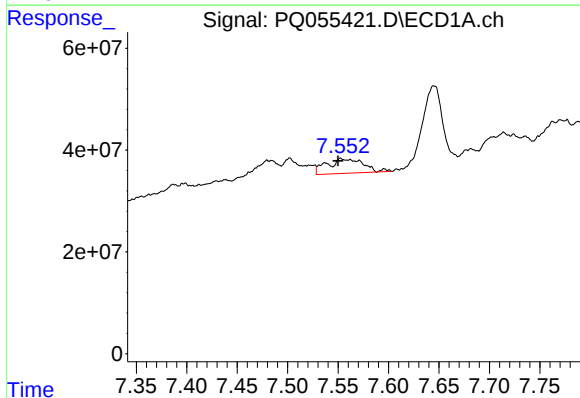
R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 45977023
Conc: 203.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



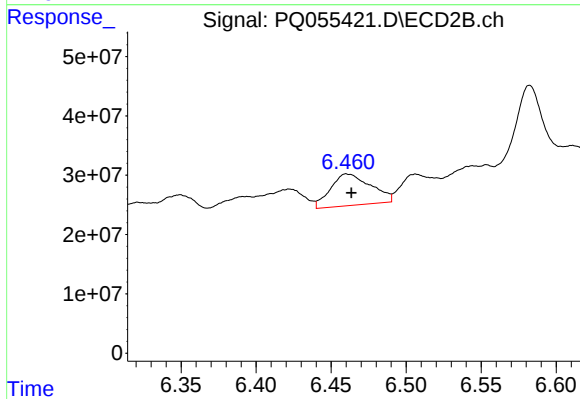
#19 AR-1242-4

R.T.: 5.892 min
Delta R.T.: -0.004 min
Response: 48422258
Conc: 259.90 ng/ml



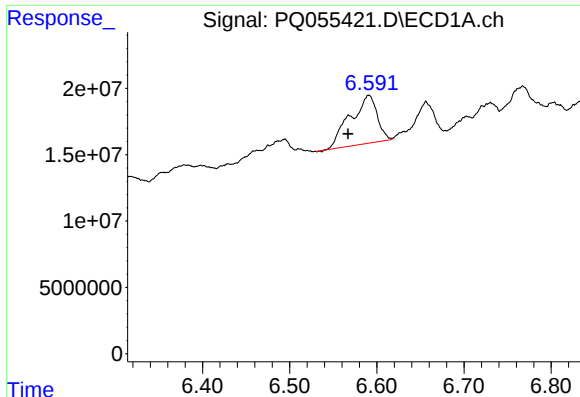
#20 AR-1242-5

R.T.: 7.554 min
Delta R.T.: 0.004 min
Response: 72397117
Conc: 316.97 ng/ml



#20 AR-1242-5

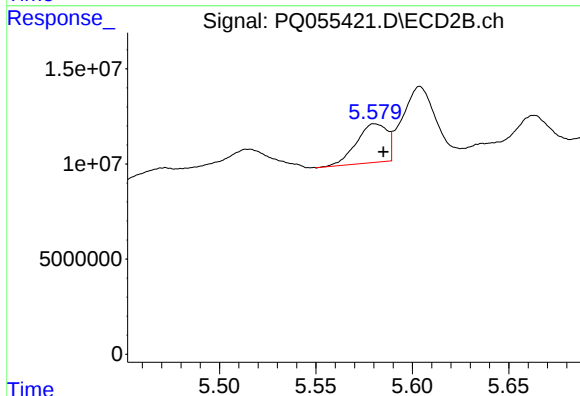
R.T.: 6.460 min
Delta R.T.: -0.003 min
Response: 99518875
Conc: 419.33 ng/ml



#21 AR-1248-1

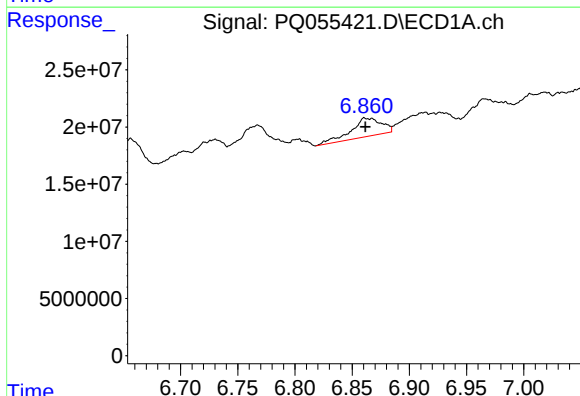
R.T.: 6.591 min
Delta R.T.: 0.024 min
Response: 77799654
Conc: 405.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



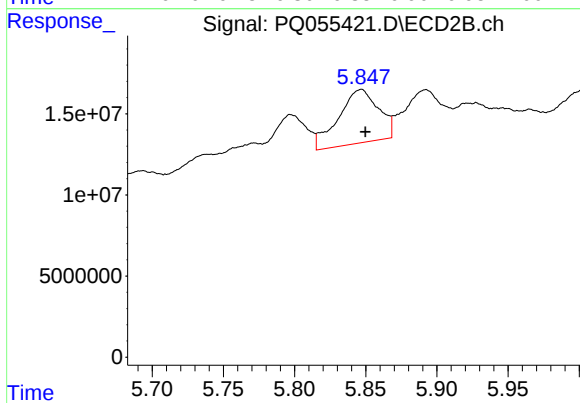
#21 AR-1248-1

R.T.: 5.580 min
Delta R.T.: -0.005 min
Response: 22532919
Conc: 115.44 ng/ml



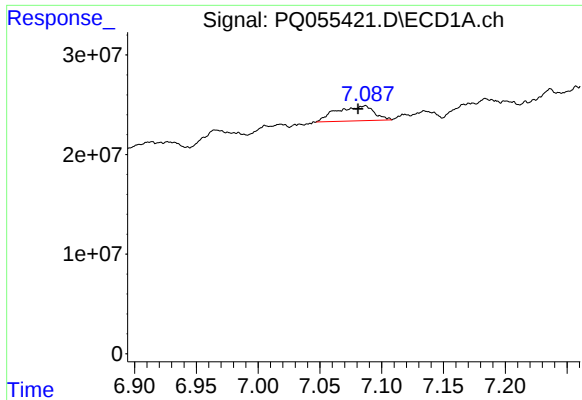
#22 AR-1248-2

R.T.: 6.864 min
Delta R.T.: 0.002 min
Response: 29786936
Conc: 116.88 ng/ml



#22 AR-1248-2

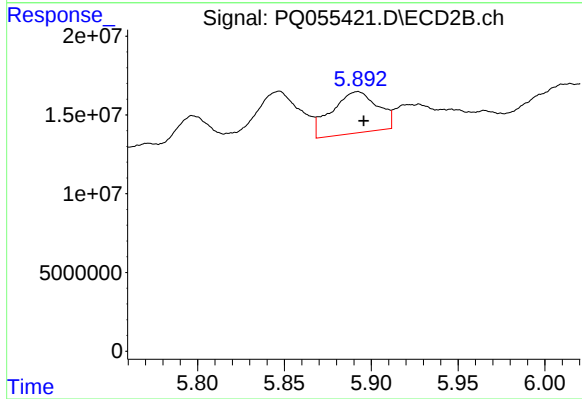
R.T.: 5.847 min
Delta R.T.: -0.003 min
Response: 64819877
Conc: 241.25 ng/ml



#23 AR-1248-3

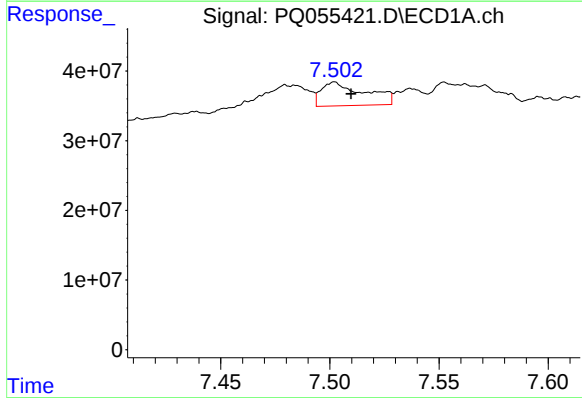
R.T.: 7.086 min
Delta R.T.: 0.005 min
Response: 31579937
Conc: 98.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



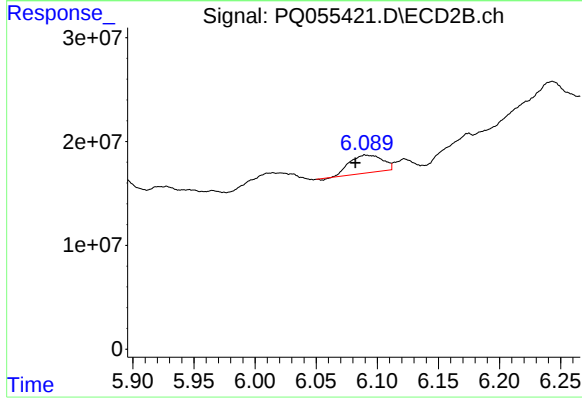
#23 AR-1248-3

R.T.: 5.892 min
Delta R.T.: -0.003 min
Response: 48422258
Conc: 173.11 ng/ml



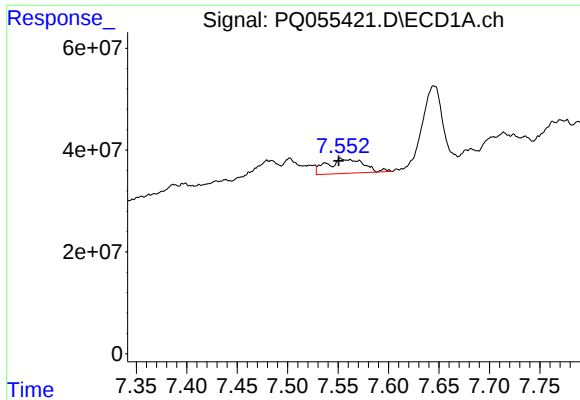
#24 AR-1248-4

R.T.: 7.502 min
Delta R.T.: -0.008 min
Response: 47250259
Conc: 127.84 ng/ml



#24 AR-1248-4

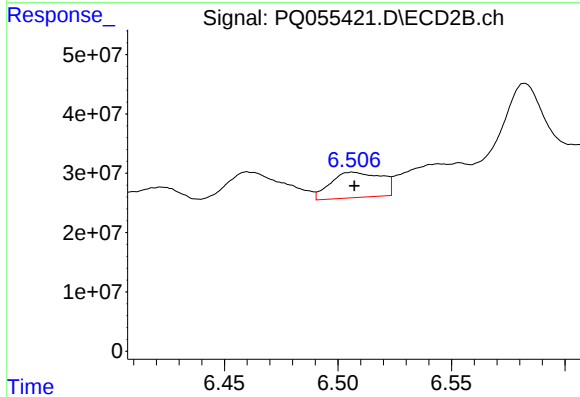
R.T.: 6.090 min
Delta R.T.: 0.008 min
Response: 31901218
Conc: 96.48 ng/ml



#25 AR-1248-5

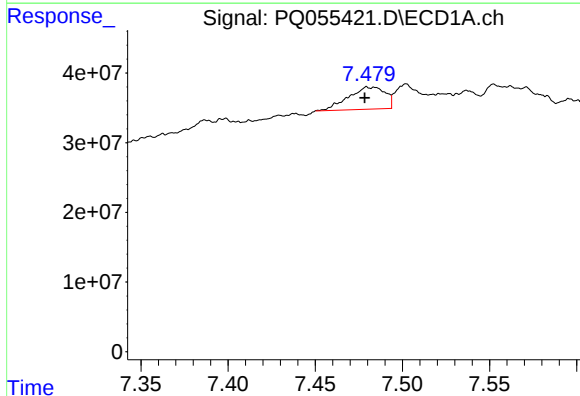
R.T.: 7.554 min
Delta R.T.: 0.004 min
Response: 72397117
Conc: 186.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



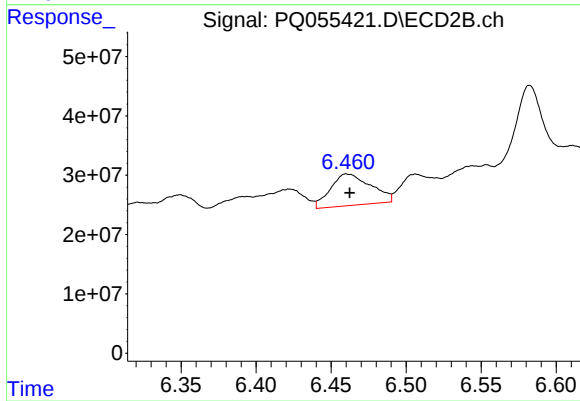
#25 AR-1248-5

R.T.: 6.506 min
Delta R.T.: 0.000 min
Response: 66479696
Conc: 202.12 ng/ml



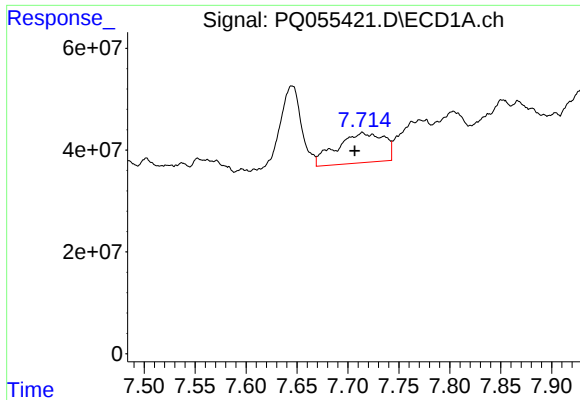
#26 AR-1254-1

R.T.: 7.482 min
Delta R.T.: 0.004 min
Response: 46480647
Conc: 125.09 ng/ml



#26 AR-1254-1

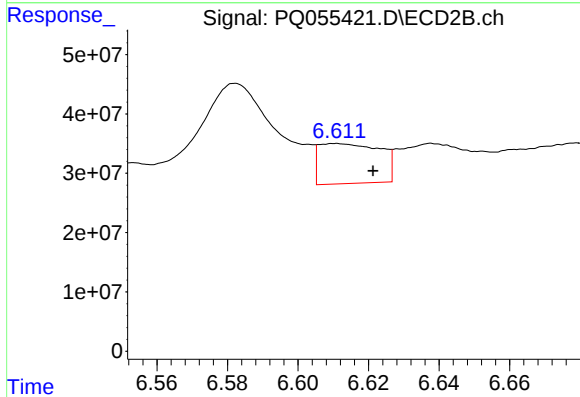
R.T.: 6.460 min
Delta R.T.: -0.002 min
Response: 99518875
Conc: 183.57 ng/ml



#27 AR-1254-2

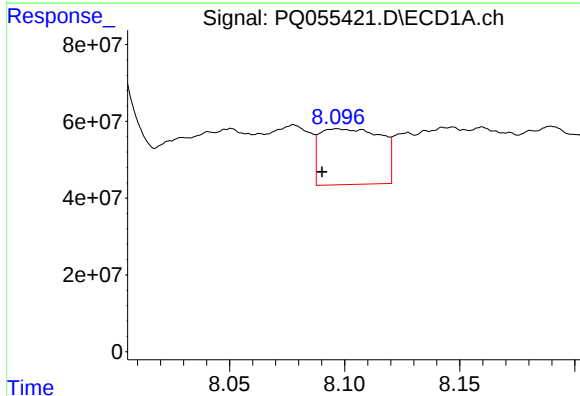
R.T.: 7.714 min
Delta R.T.: 0.008 min
Response: 189678888
Conc: 326.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



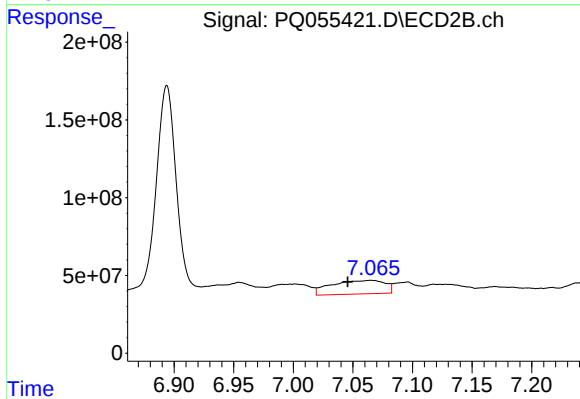
#27 AR-1254-2

R.T.: 6.611 min
Delta R.T.: -0.010 min
Response: 81220485
Conc: 173.79 ng/ml



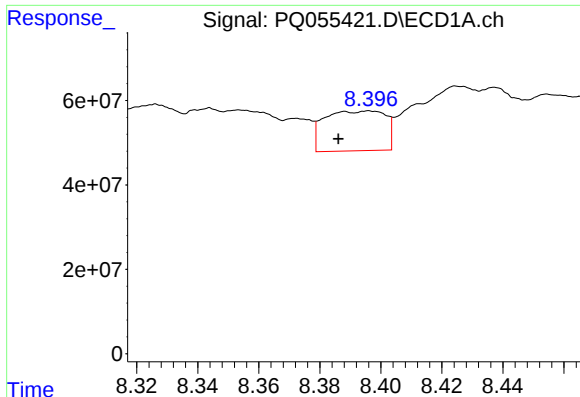
#28 AR-1254-3

R.T.: 8.097 min
Delta R.T.: 0.007 min
Response: 269449751
Conc: 382.54 ng/ml



#28 AR-1254-3

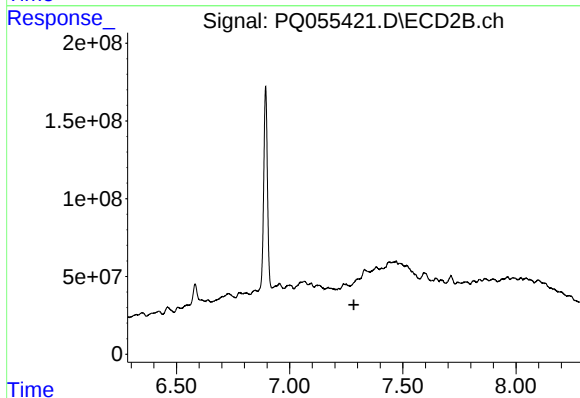
R.T.: 7.065 min
Delta R.T.: 0.019 min
Response: 274046643
Conc: 360.26 ng/ml



#29 AR-1254-4

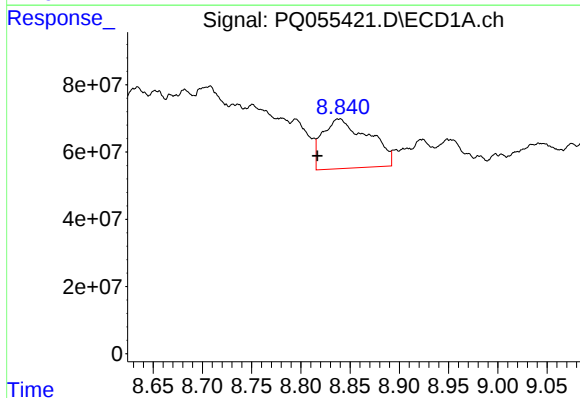
R.T.: 8.395 min
Delta R.T.: 0.009 min
Response: 130485445
Conc: 246.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



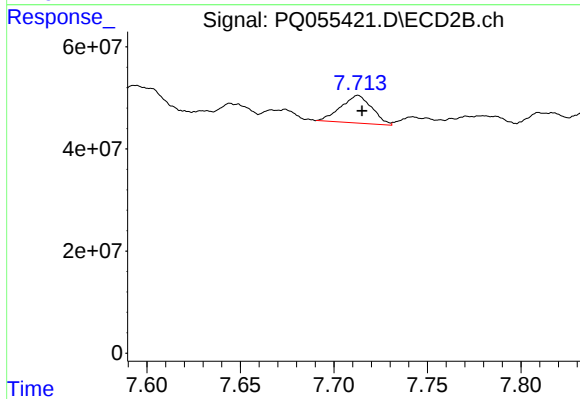
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 7.284 min
Response: 0
Conc: N.D.



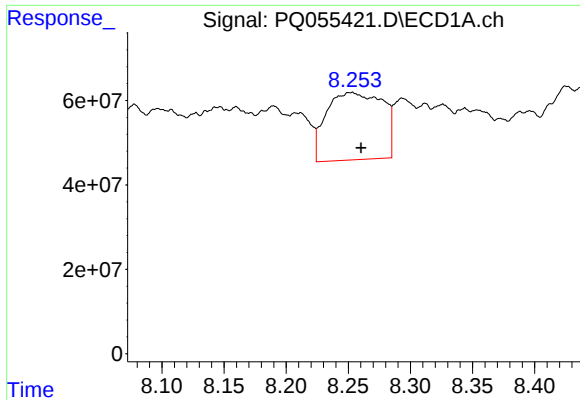
#30 AR-1254-5

R.T.: 8.839 min
Delta R.T.: 0.022 min
Response: 479247104
Conc: 842.93 ng/ml



#30 AR-1254-5

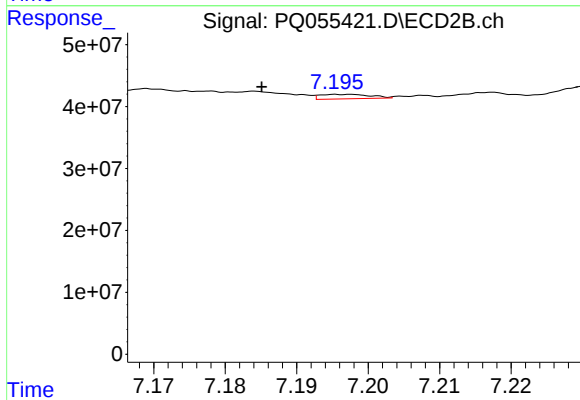
R.T.: 7.713 min
Delta R.T.: -0.002 min
Response: 62549649
Conc: 97.14 ng/ml



#31 AR-1260-1

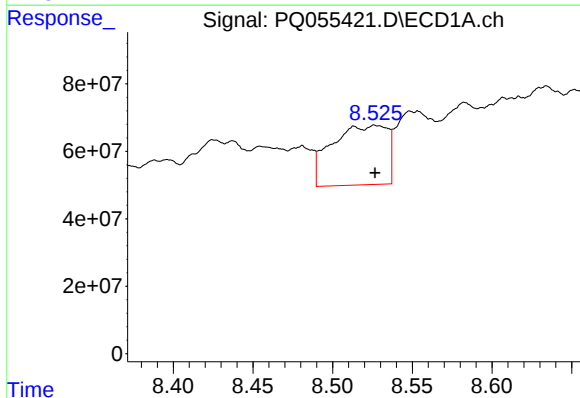
R.T.: 8.253 min
Delta R.T.: -0.008 min
Response: 502502449
Conc: 1154.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



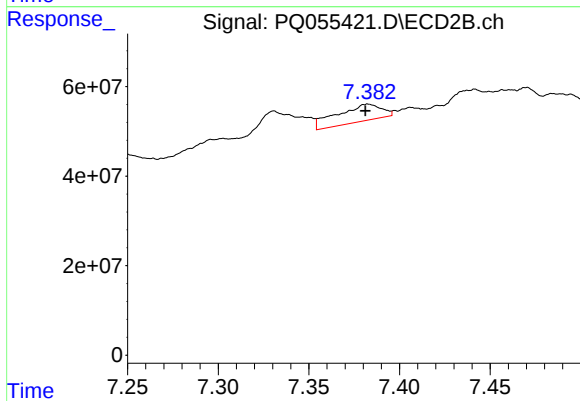
#31 AR-1260-1

R.T.: 7.197 min
Delta R.T.: 0.012 min
Response: 3595992
Conc: 7.56 ng/ml



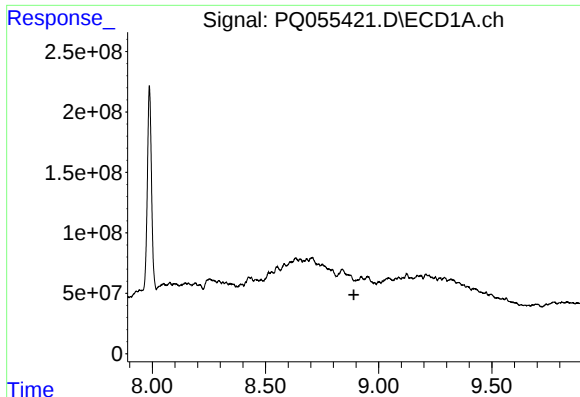
#32 AR-1260-2

R.T.: 8.528 min
Delta R.T.: 0.000 min
Response: 428498483
Conc: 793.54 ng/ml



#32 AR-1260-2

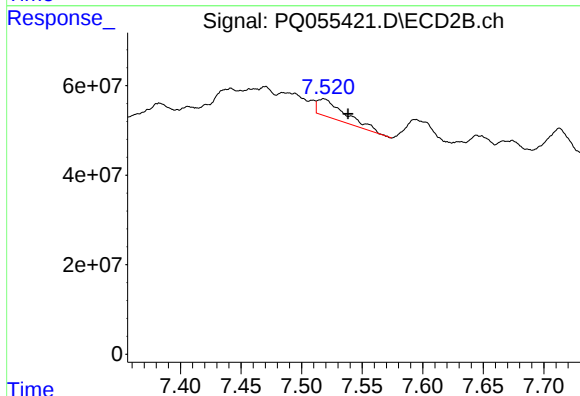
R.T.: 7.383 min
Delta R.T.: 0.001 min
Response: 64976884
Conc: 114.43 ng/ml



#33 AR-1260-3

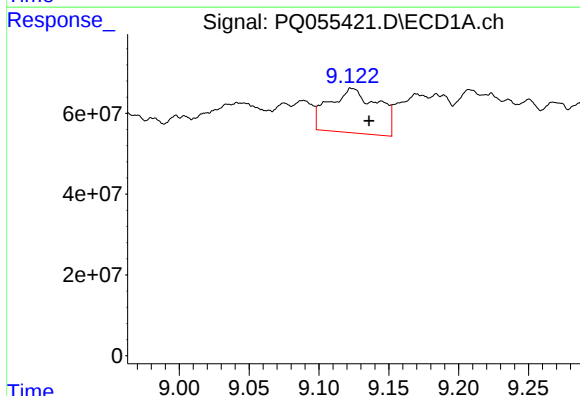
R.T.: 0.000 min
Exp R.T.: 8.891 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



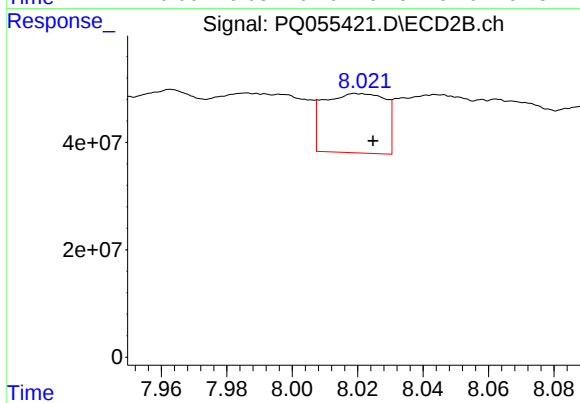
#33 AR-1260-3

R.T.: 7.518 min
Delta R.T.: -0.020 min
Response: 65490221
Conc: 115.59 ng/ml



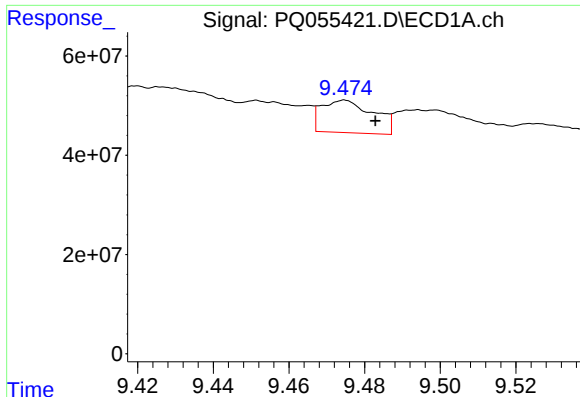
#34 AR-1260-4

R.T.: 9.124 min
Delta R.T.: -0.012 min
Response: 266668710
Conc: 542.92 ng/ml



#34 AR-1260-4

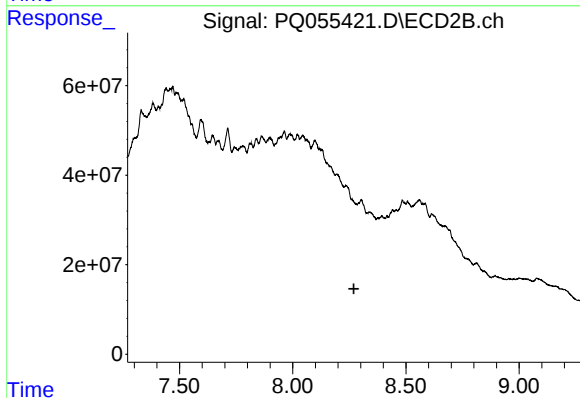
R.T.: 8.020 min
Delta R.T.: -0.005 min
Response: 144440805
Conc: 350.45 ng/ml



#35 AR-1260-5

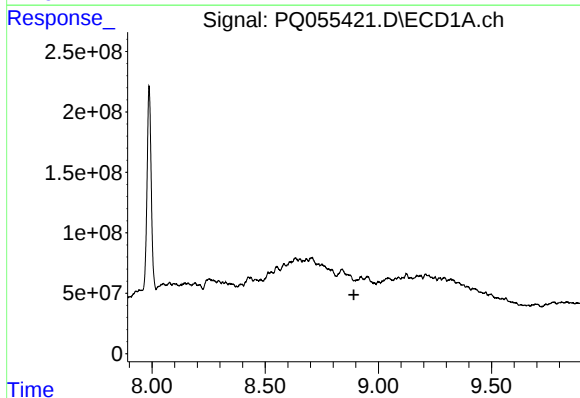
R.T.: 9.474 min
Delta R.T.: -0.009 min
Response: 62417307
Conc: 54.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



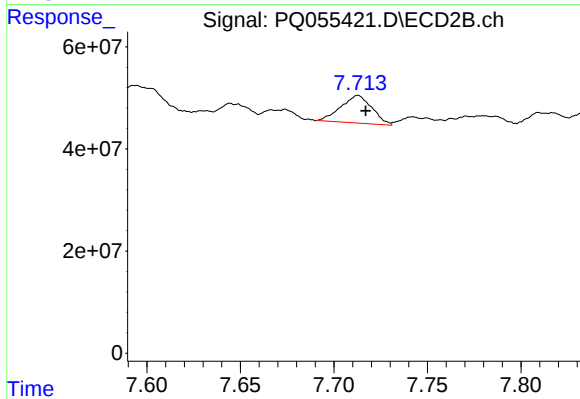
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 8.270 min
Response: 0
Conc: N.D.



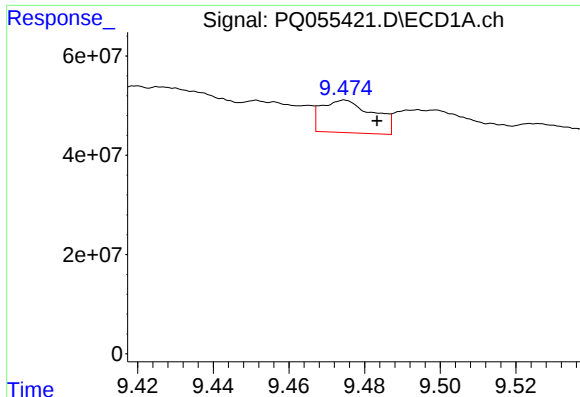
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.892 min
Response: 0
Conc: N.D.



#36 AR-1262-1

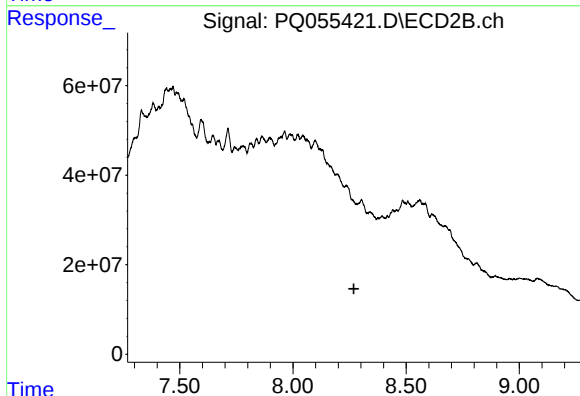
R.T.: 7.713 min
Delta R.T.: -0.004 min
Response: 62549649
Conc: 206.27 ng/ml



#37 AR-1262-2

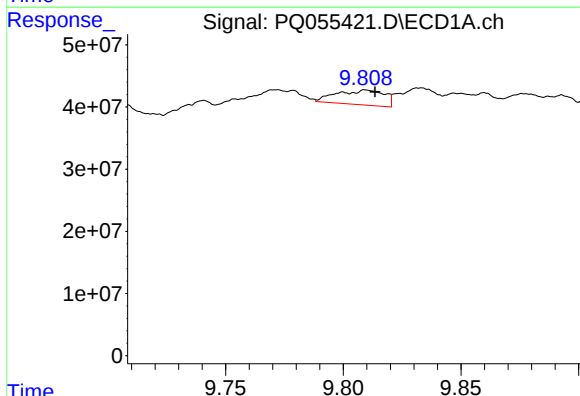
R.T.: 9.474 min
Delta R.T.: -0.010 min
Response: 62417307
Conc: 51.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



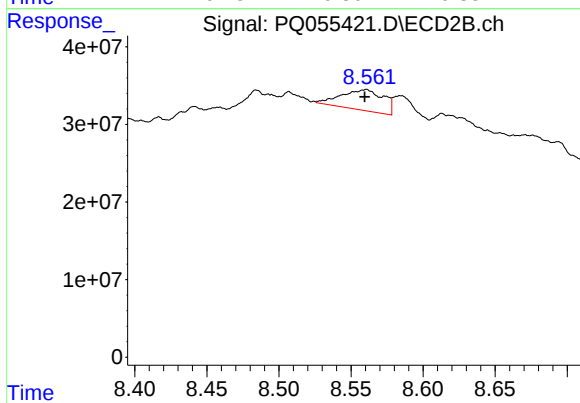
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 8.269 min
Response: 0
Conc: N.D.



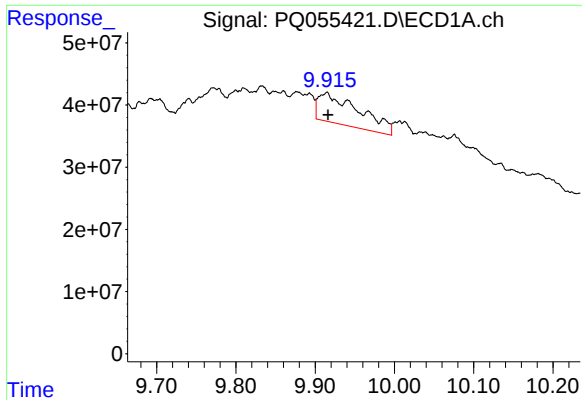
#38 AR-1262-3

R.T.: 9.810 min
Delta R.T.: -0.003 min
Response: 33358439
Conc: 55.26 ng/ml



#38 AR-1262-3

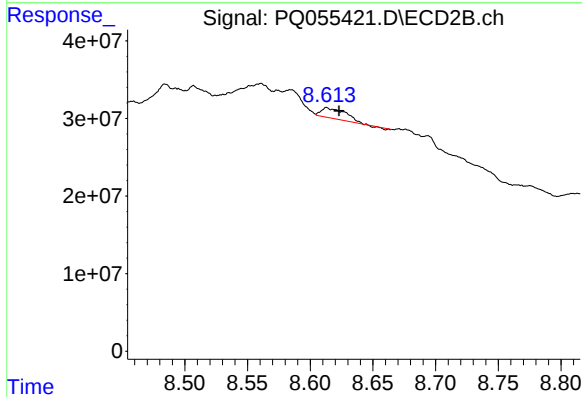
R.T.: 8.560 min
Delta R.T.: 0.000 min
Response: 54794322
Conc: 136.73 ng/ml



#39 AR-1262-4

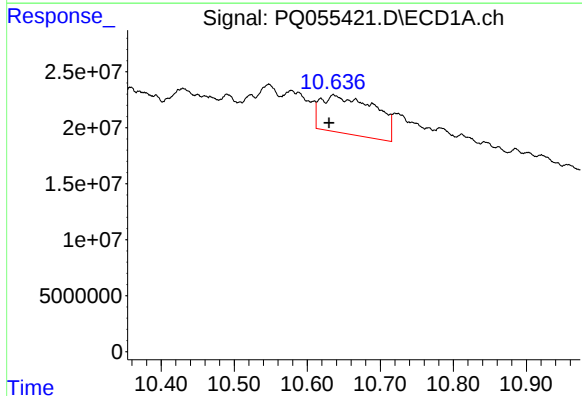
R.T.: 9.914 min
Delta R.T.: -0.002 min
Response: 175200425
Conc: 382.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



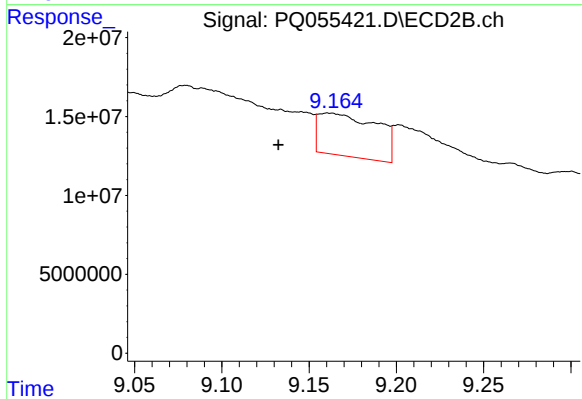
#39 AR-1262-4

R.T.: 8.613 min
Delta R.T.: -0.010 min
Response: 16691706
Conc: 21.49 ng/ml



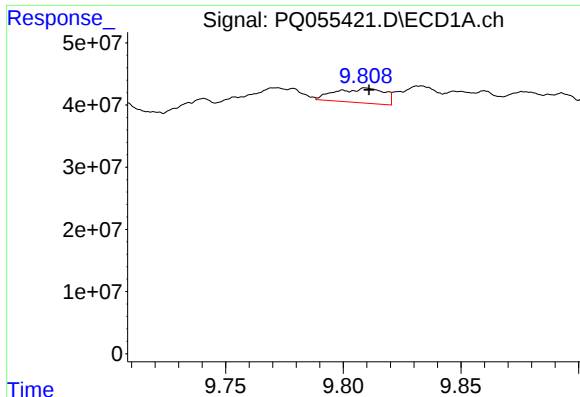
#40 AR-1262-5

R.T.: 10.637 min
Delta R.T.: 0.007 min
Response: 177185274
Conc: 308.38 ng/ml



#40 AR-1262-5

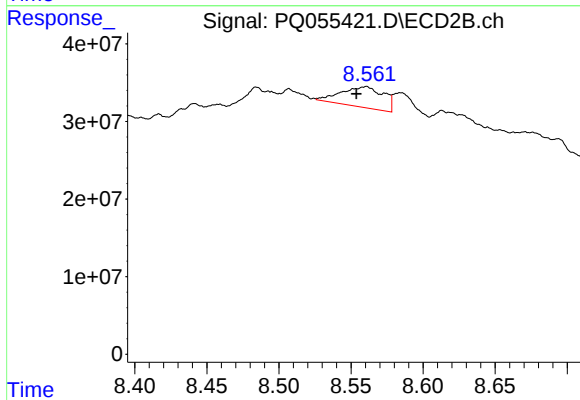
R.T.: 9.161 min
Delta R.T.: 0.029 min
Response: 62801316
Conc: 180.47 ng/ml



#41 AR-1268-1

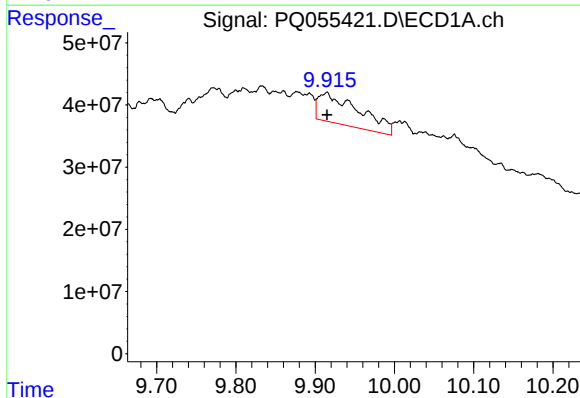
R.T.: 9.810 min
Delta R.T.: 0.000 min
Response: 33358439
Conc: 17.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



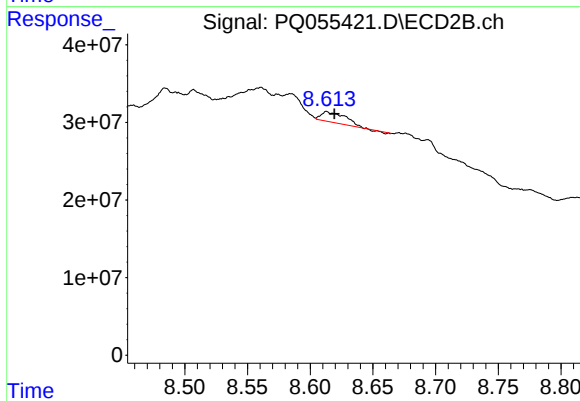
#41 AR-1268-1

R.T.: 8.560 min
Delta R.T.: 0.007 min
Response: 54794322
Conc: 40.92 ng/ml



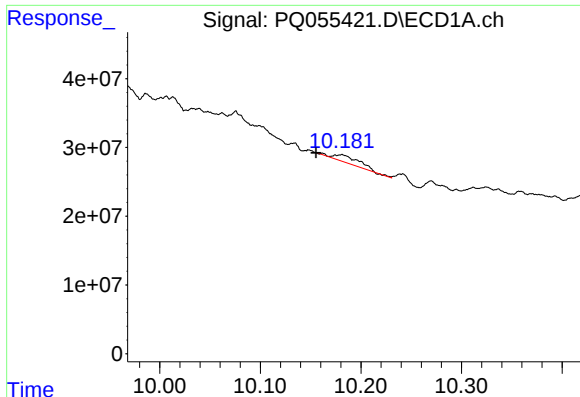
#42 AR-1268-2

R.T.: 9.914 min
Delta R.T.: -0.001 min
Response: 175200425
Conc: 87.34 ng/ml



#42 AR-1268-2

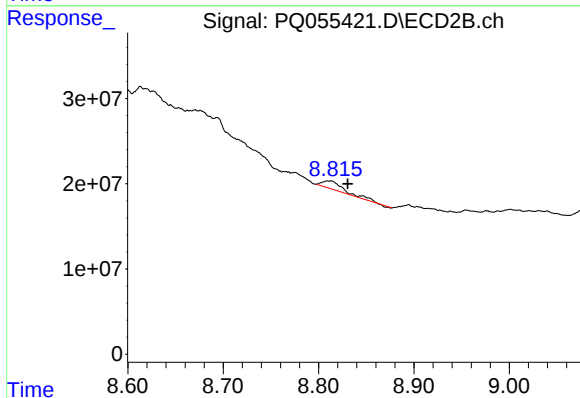
R.T.: 8.613 min
Delta R.T.: -0.006 min
Response: 16691706
Conc: 13.69 ng/ml



#43 AR-1268-3

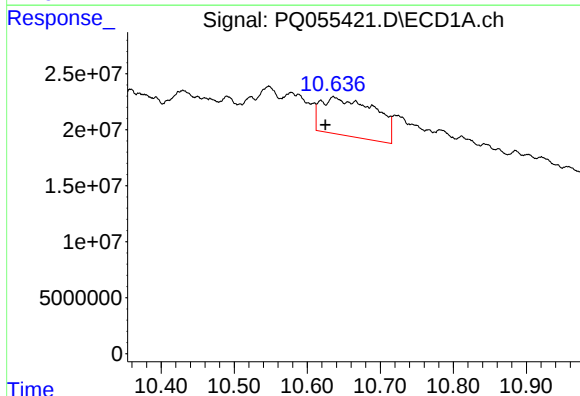
R.T.: 10.180 min
Delta R.T.: 0.024 min
Response: 21755037
Conc: 12.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



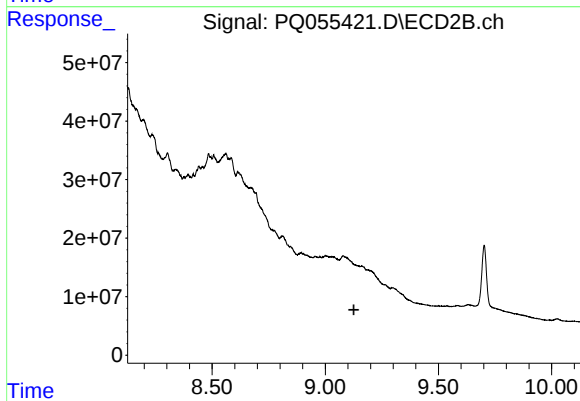
#43 AR-1268-3

R.T.: 8.813 min
Delta R.T.: -0.018 min
Response: 15485563
Conc: 15.35 ng/ml



#44 AR-1268-4

R.T.: 10.637 min
Delta R.T.: 0.012 min
Response: 177185274
Conc: 233.96 ng/ml



#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.126 min
Response: 0
Conc: N.D.