

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071818\
 Data File : PQ030751.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jul 2018 23:58
 Operator : SM\SJ
 Sample : J4027-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 01:45:13 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071618.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 17 07:30:03 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.425	3.691	1160.0E6	369.0E6	30.691	32.325
2)	SA Decachlor...	10.095	8.653	717.3E6	387.3E6	19.726	18.285
Target Compounds							
3)	L1 AR-1016-1	4.817	4.552	6889274	12381342	14.119	47.008 #
4)	L1 AR-1016-2	5.329	5.002	331.7E6	23878274	435.493	84.746 #
5)	L1 AR-1016-3	5.686	5.002	98644709	23878274	95.826	106.882
6)	L1 AR-1016-4	5.779	5.059	19875487	24177345	23.535	86.417 #
7)	L1 AR-1016-5	6.180	5.273	33961304	41630684	38.160	134.647 #
8)	L2 AR-1221-1	4.602	0.000	73132549	0	142.487	N.D. #
10)	L2 AR-1221-3	4.817	0.000	6889274	0	5.572	N.D. #
11)	L3 AR-1232-1	4.817	0.000	6889274	0	9.320	N.D. #
12)	L3 AR-1232-2	5.329	4.844	331.7E6	24346559	840.208	130.026 #
13)	L3 AR-1232-3	5.686	5.002	98644709	23878274	144.522	188.657 #
14)	L3 AR-1232-4	5.779	5.273	19875487	41630684	38.659	282.992 #
15)	L3 AR-1232-5	6.099	5.526	49145679	16940051	119.699	97.831
16)	L4 AR-1242-1	5.329	4.552	331.7E6	12381342	422.886	42.589 #
17)	L4 AR-1242-2	5.603	0.000	277.9E6	0	241.238	N.D. #
18)	L4 AR-1242-3	5.686	5.002	98644709	23878274	99.830	82.654
19)	L4 AR-1242-4	6.099	5.059	49145679	24177345	62.229	79.346 #
20)	L4 AR-1242-5	6.180	5.273	33961304	41630684	35.582	122.639 #
21)	L5 AR-1248-1	6.099	5.002	49145679	23878274	41.138	64.239 #
22)	L5 AR-1248-2	6.180	5.059	33961304	24177345	31.244	60.785 #
23)	L5 AR-1248-3	6.424	5.273	98586758	41630684	89.696	84.836
24)	L5 AR-1248-4	6.514	5.526	16488535	16940051	12.043	22.443 #
25)	L5 AR-1248-5	6.629	5.616	122.4E6	19624305	84.953	36.902 #
26)	L6 AR-1254-1	6.424	5.526	98586758	16940051	63.335	20.493 #
27)	L6 AR-1254-2	6.629	5.709	122.4E6	15731820	48.440	21.141 #
28)	L6 AR-1254-3	7.026	6.103	114.0E6	71255444	42.278	54.650 #
29)	L6 AR-1254-4	7.293	6.272	51859913	16069760	25.584	15.705 #
30)	L6 AR-1254-5	7.711	6.573	102.9E6	14723885	47.450	28.260 #
31)	L7 AR-1260-1	7.170	6.238	123.5E6	23410896	72.145	29.923 #
32)	L7 AR-1260-2	7.423	6.573	38067400	14723885	18.944	16.576
33)	L7 AR-1260-3	7.711	7.036	102.9E6	7055013	41.473	9.236 #
34)	L7 AR-1260-4	8.006	7.275	16112578	18304696	9.657	9.363
35)	L7 AR-1260-5	8.323	0.000	105.2E6	0	29.177	N.D. #
36)	L8 AR-1262-1	7.170	6.238	123.5E6	23410896	61.192	29.461 #
37)	L8 AR-1262-2	7.423	6.414	38067400	928689	16.767	0.992 #
38)	L8 AR-1262-3	7.780	6.742	65624755	8007949	22.998	6.050 #
39)	L8 AR-1262-4	8.006	7.036	16112578	7055013	5.909	5.748
40)	L8 AR-1262-5	8.323	7.275	105.2E6	18304696	19.335	6.820 #
41)	L9 AR-1268-1	8.645	0.000	37165132	0	8.714	N.D. #
42)	L9 AR-1268-2	8.702	0.000	42928607	0	10.947	N.D. #

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 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 01:45:13 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071618.M
 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
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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
43) L9	AR-1268-3	0.000	7.822	0	5762504	N.D.	2.963 #
45) L9	AR-1268-5	9.769	8.398	30957790	9918272	2.808	1.514 #

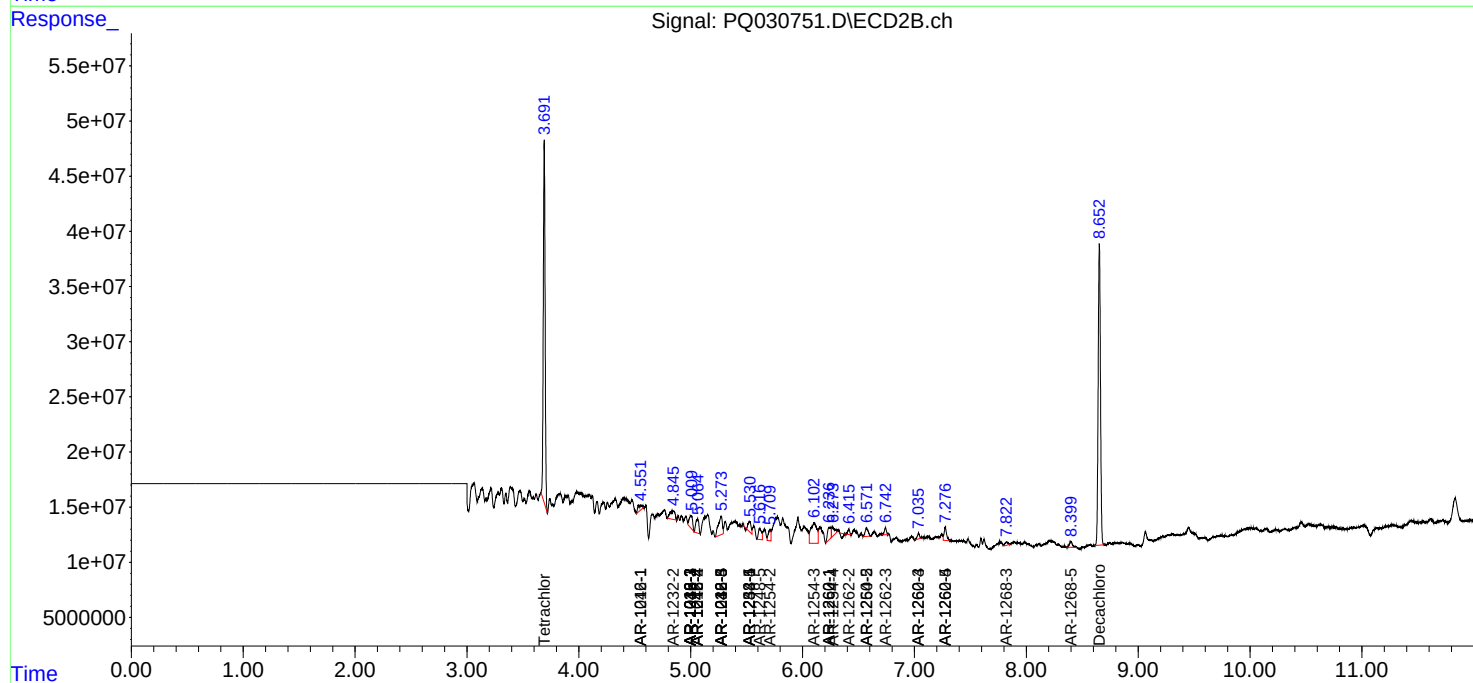
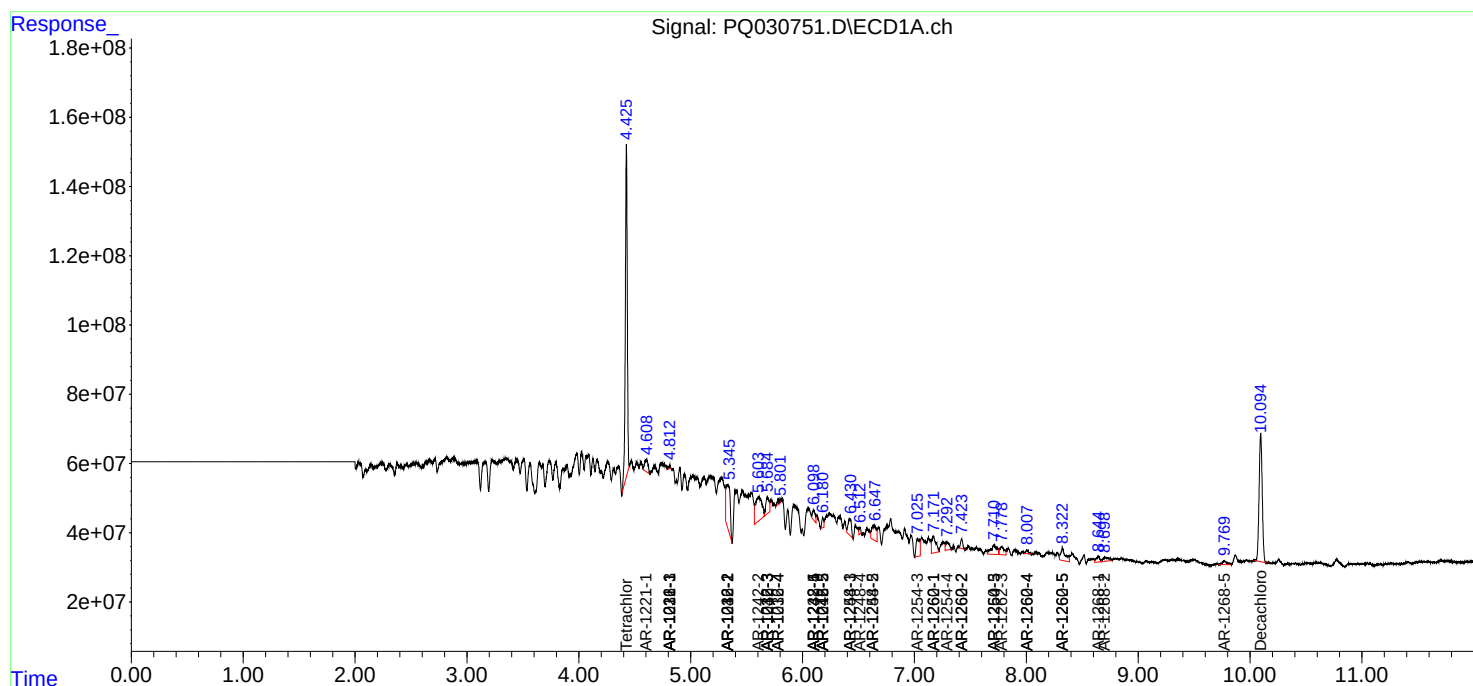
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

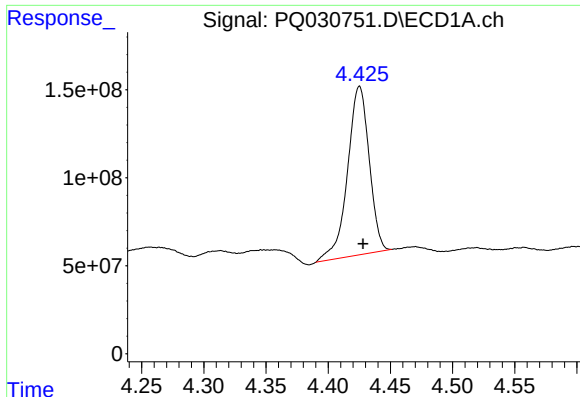
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071818\
Data File : PQ030751.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2018 23:58
Operator : SM\SJ
Sample : J4027-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampled :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 01:45:13 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071618.M
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QLast Update : Tue Jul 17 07:30:03 2018
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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

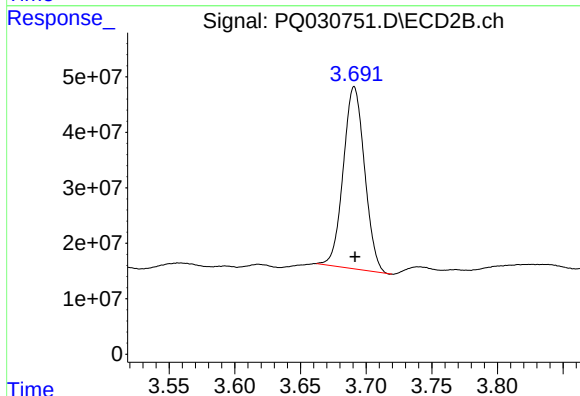




#1 Tetrachloro-m-xylene

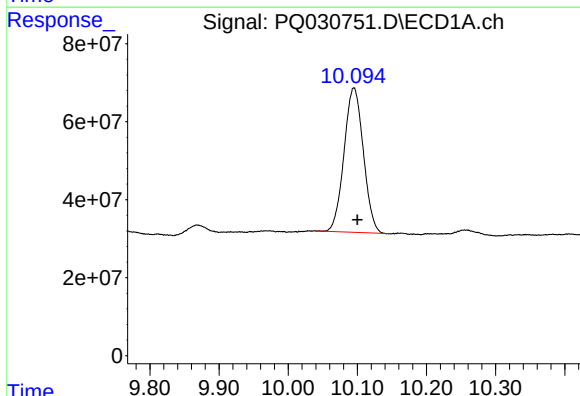
R.T.: 4.425 min
Delta R.T.: -0.003 min
Response: 1159960313
Conc: 30.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



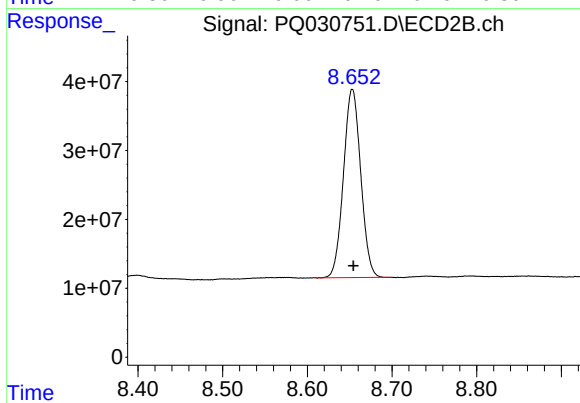
#1 Tetrachloro-m-xylene

R.T.: 3.691 min
Delta R.T.: 0.000 min
Response: 368968264
Conc: 32.32 ng/ml



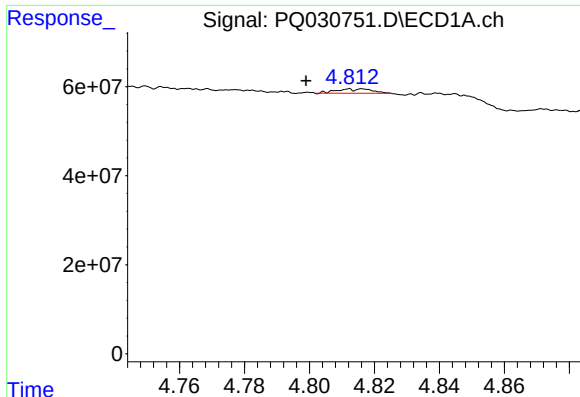
#2 Decachlorobiphenyl

R.T.: 10.095 min
Delta R.T.: -0.005 min
Response: 717268400
Conc: 19.73 ng/ml



#2 Decachlorobiphenyl

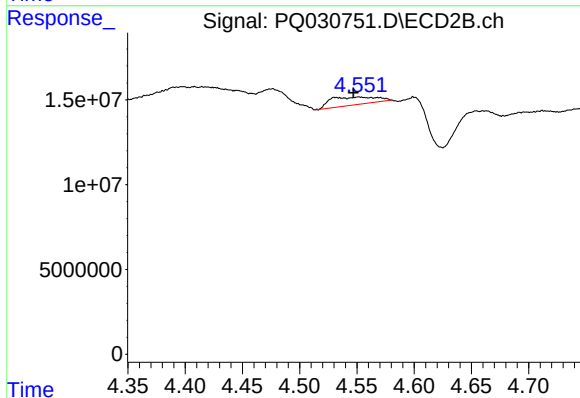
R.T.: 8.653 min
Delta R.T.: -0.001 min
Response: 387316446
Conc: 18.28 ng/ml



#3 AR-1016-1

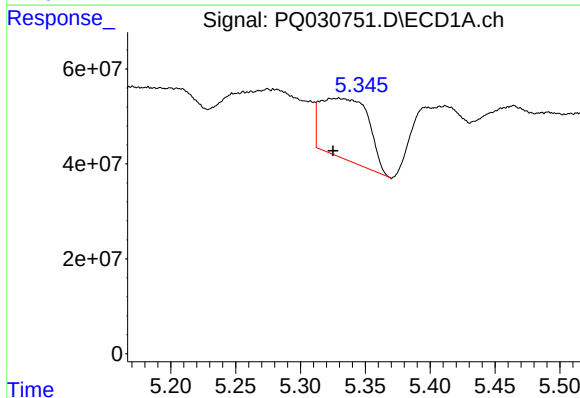
R.T.: 4.817 min
Delta R.T.: 0.018 min
Response: 6889274
Conc: 14.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



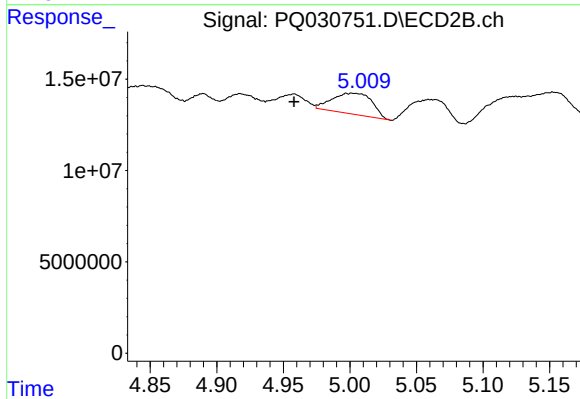
#3 AR-1016-1

R.T.: 4.552 min
Delta R.T.: 0.005 min
Response: 12381342
Conc: 47.01 ng/ml



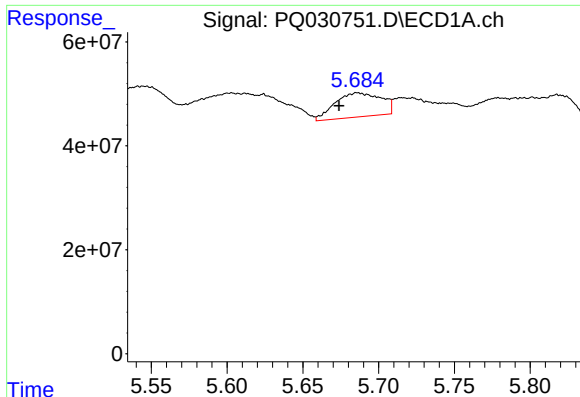
#4 AR-1016-2

R.T.: 5.329 min
Delta R.T.: 0.004 min
Response: 331723509
Conc: 435.49 ng/ml



#4 AR-1016-2

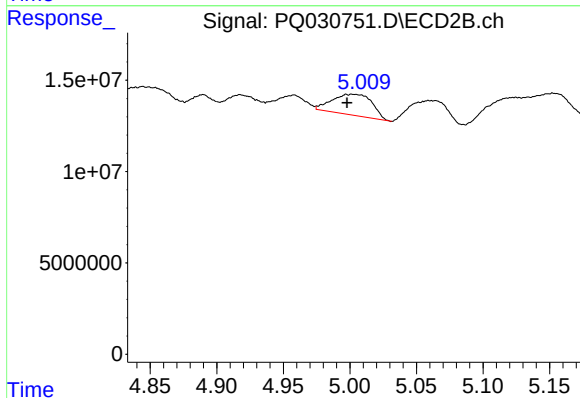
R.T.: 5.002 min
Delta R.T.: 0.044 min
Response: 23878274
Conc: 84.75 ng/ml



#5 AR-1016-3

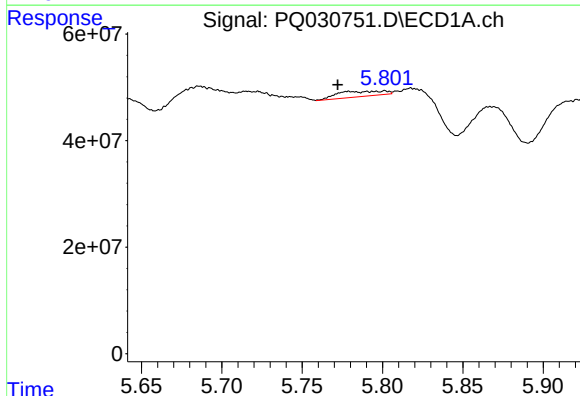
R.T.: 5.686 min
Delta R.T.: 0.012 min
Response: 98644709
Conc: 95.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



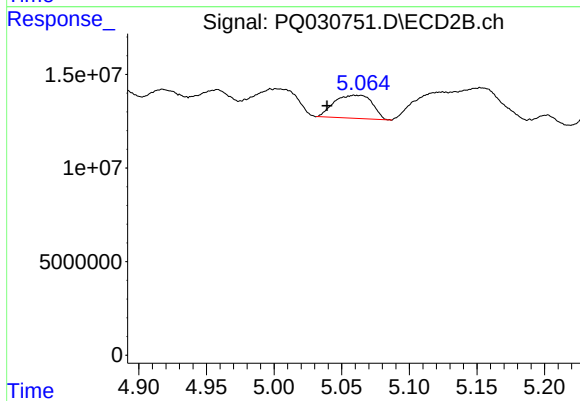
#5 AR-1016-3

R.T.: 5.002 min
Delta R.T.: 0.004 min
Response: 23878274
Conc: 106.88 ng/ml



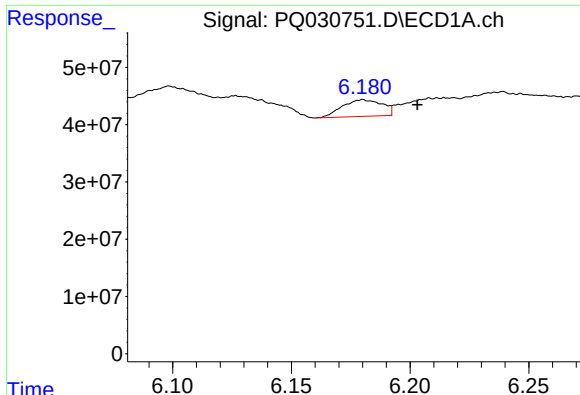
#6 AR-1016-4

R.T.: 5.779 min
Delta R.T.: 0.007 min
Response: 19875487
Conc: 23.53 ng/ml



#6 AR-1016-4

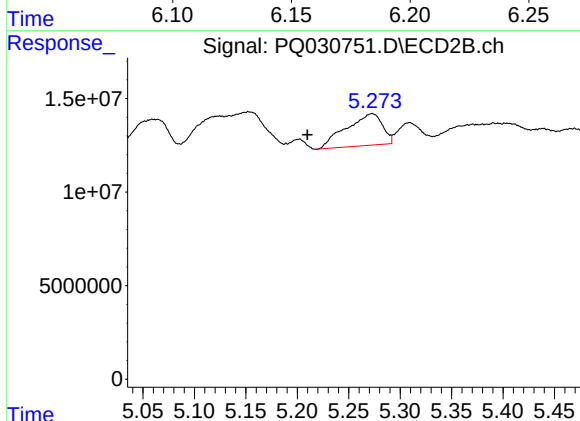
R.T.: 5.059 min
Delta R.T.: 0.020 min
Response: 24177345
Conc: 86.42 ng/ml



#7 AR-1016-5

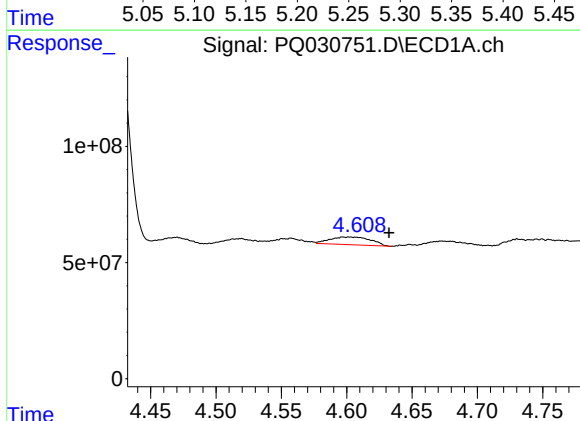
R.T.: 6.180 min
Delta R.T.: -0.023 min
Response: 33961304
Conc: 38.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



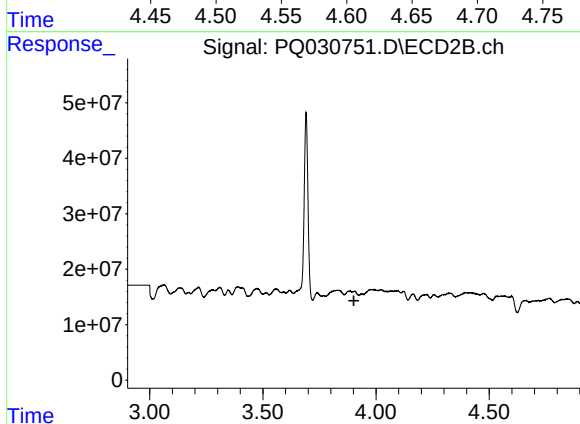
#7 AR-1016-5

R.T.: 5.273 min
Delta R.T.: 0.063 min
Response: 41630684
Conc: 134.65 ng/ml



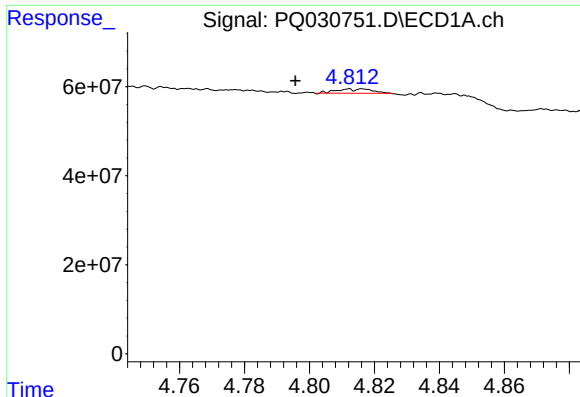
#8 AR-1221-1

R.T.: 4.602 min
Delta R.T.: -0.030 min
Response: 73132549
Conc: 142.49 ng/ml



#8 AR-1221-1

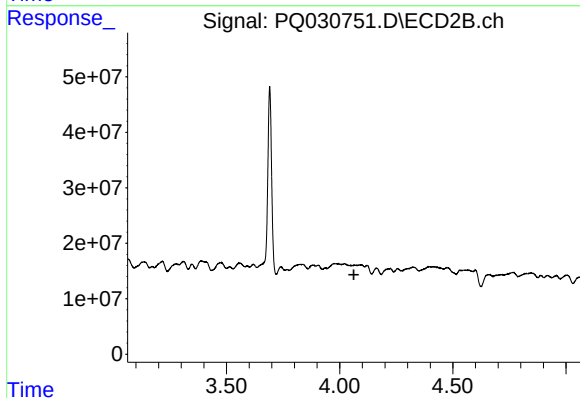
R.T.: 0.000 min
Exp R.T.: 3.902 min
Response: 0
Conc: N.D.



#10 AR-1221-3

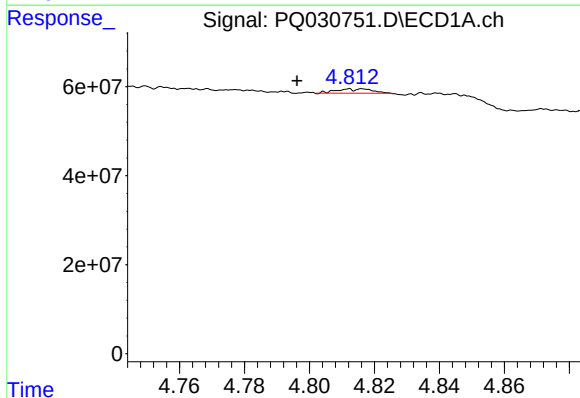
R.T.: 4.817 min
Delta R.T.: 0.021 min
Response: 6889274
Conc: 5.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



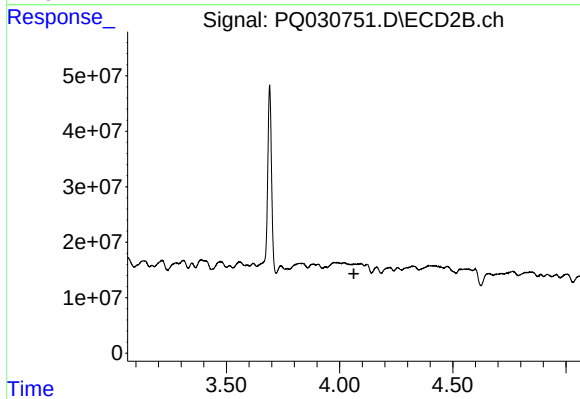
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.063 min
Response: 0
Conc: N.D.



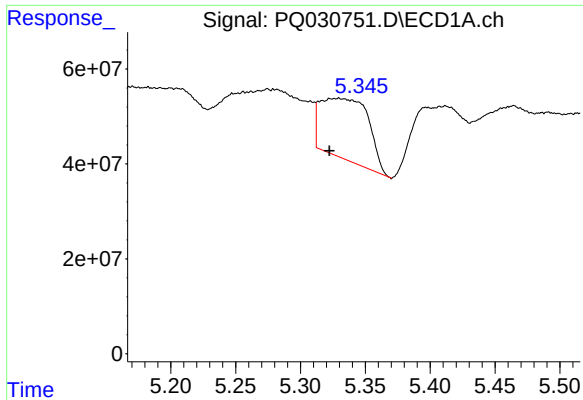
#11 AR-1232-1

R.T.: 4.817 min
Delta R.T.: 0.020 min
Response: 6889274
Conc: 9.32 ng/ml



#11 AR-1232-1

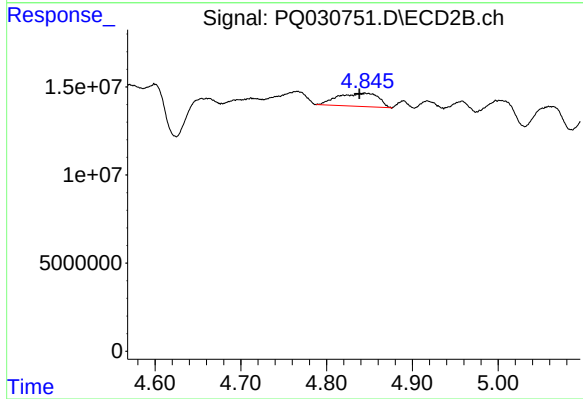
R.T.: 0.000 min
Exp R.T. : 4.063 min
Response: 0
Conc: N.D.



#12 AR-1232-2

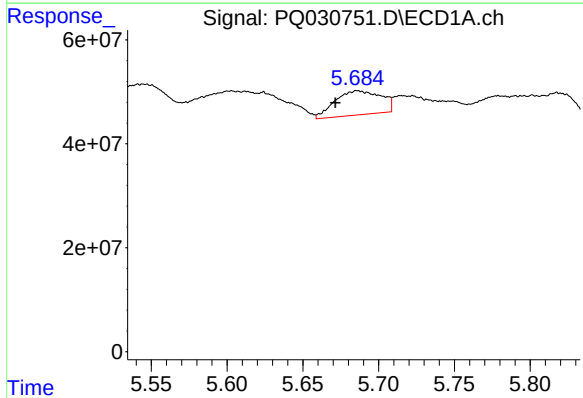
R.T.: 5.329 min
Delta R.T.: 0.007 min
Response: 331723509
Conc: 840.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



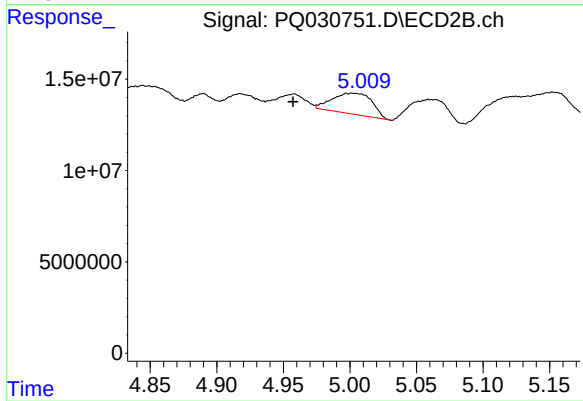
#12 AR-1232-2

R.T.: 4.844 min
Delta R.T.: 0.006 min
Response: 24346559
Conc: 130.03 ng/ml



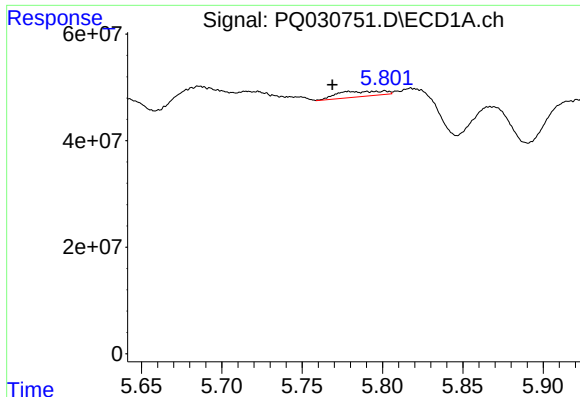
#13 AR-1232-3

R.T.: 5.686 min
Delta R.T.: 0.015 min
Response: 98644709
Conc: 144.52 ng/ml



#13 AR-1232-3

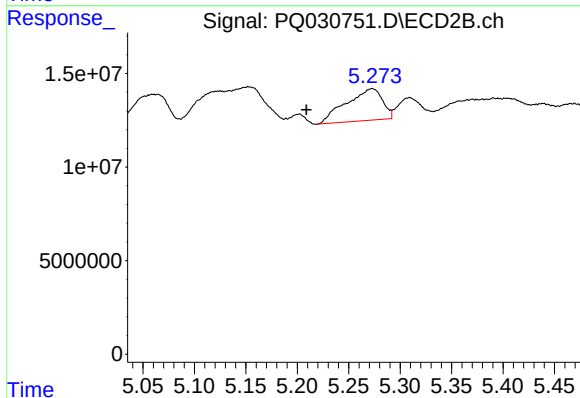
R.T.: 5.002 min
Delta R.T.: 0.045 min
Response: 23878274
Conc: 188.66 ng/ml



#14 AR-1232-4

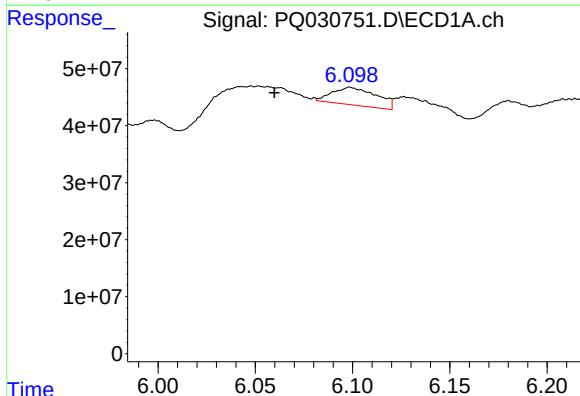
R.T.: 5.779 min
Delta R.T.: 0.010 min
Response: 19875487
Conc: 38.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



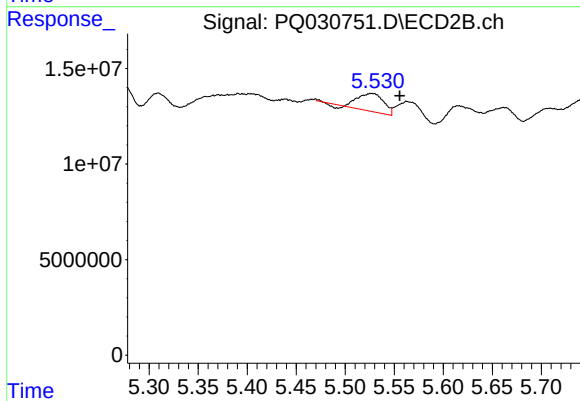
#14 AR-1232-4

R.T.: 5.273 min
Delta R.T.: 0.064 min
Response: 41630684
Conc: 282.99 ng/ml



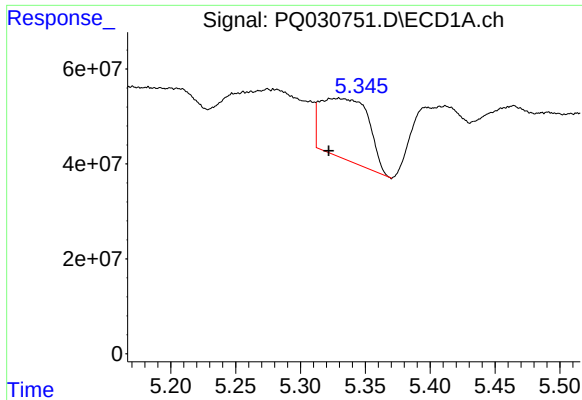
#15 AR-1232-5

R.T.: 6.099 min
Delta R.T.: 0.039 min
Response: 49145679
Conc: 119.70 ng/ml



#15 AR-1232-5

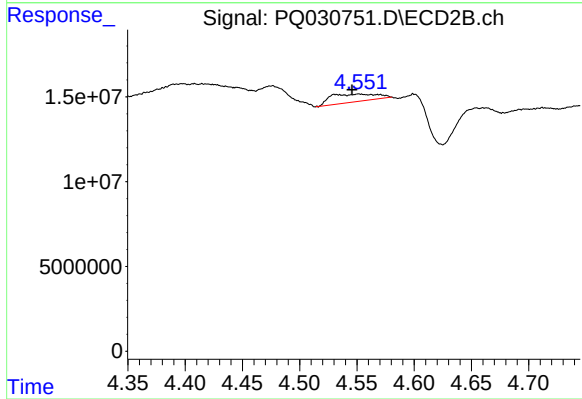
R.T.: 5.526 min
Delta R.T.: -0.029 min
Response: 16940051
Conc: 97.83 ng/ml



#16 AR-1242-1

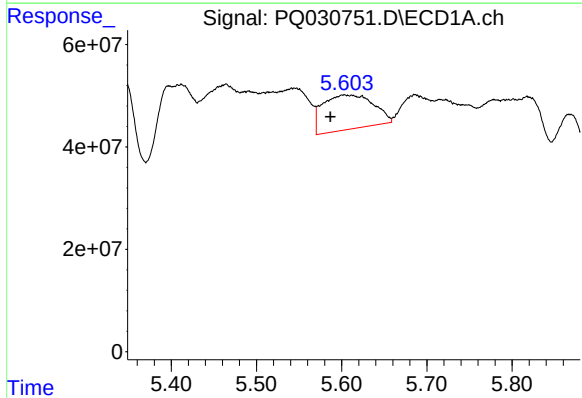
R.T.: 5.329 min
Delta R.T.: 0.007 min
Response: 331723509
Conc: 422.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



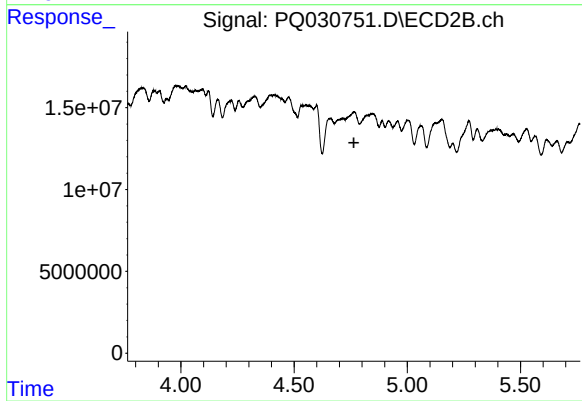
#16 AR-1242-1

R.T.: 4.552 min
Delta R.T.: 0.006 min
Response: 12381342
Conc: 42.59 ng/ml



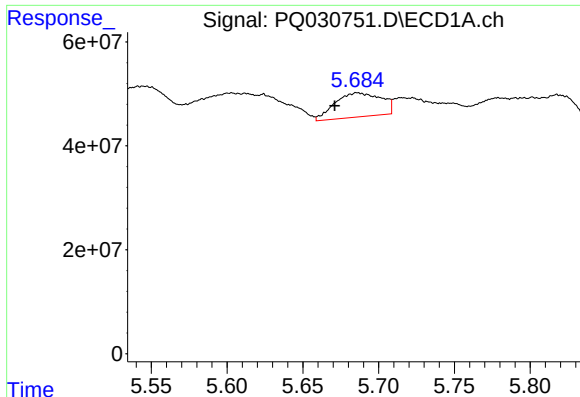
#17 AR-1242-2

R.T.: 5.603 min
Delta R.T.: 0.016 min
Response: 277903586
Conc: 241.24 ng/ml



#17 AR-1242-2

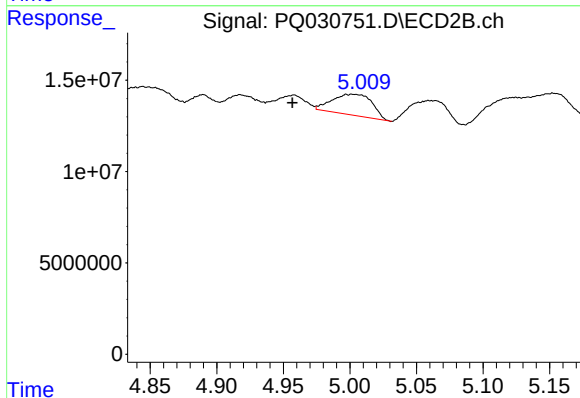
R.T.: 0.000 min
Exp R.T.: 4.764 min
Response: 0
Conc: N.D.



#18 AR-1242-3

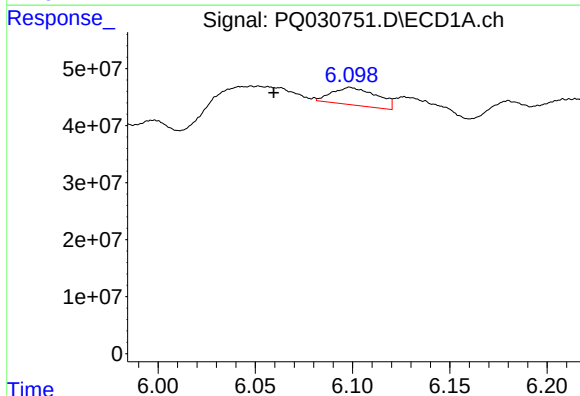
R.T.: 5.686 min
Delta R.T.: 0.015 min
Response: 98644709
Conc: 99.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



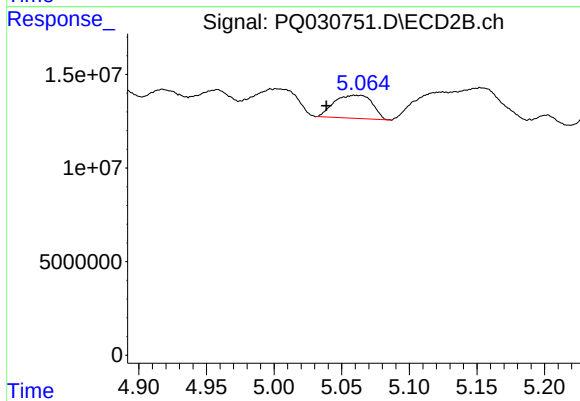
#18 AR-1242-3

R.T.: 5.002 min
Delta R.T.: 0.046 min
Response: 23878274
Conc: 82.65 ng/ml



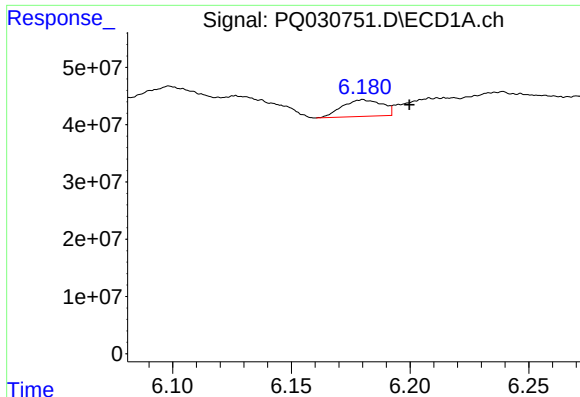
#19 AR-1242-4

R.T.: 6.099 min
Delta R.T.: 0.039 min
Response: 49145679
Conc: 62.23 ng/ml



#19 AR-1242-4

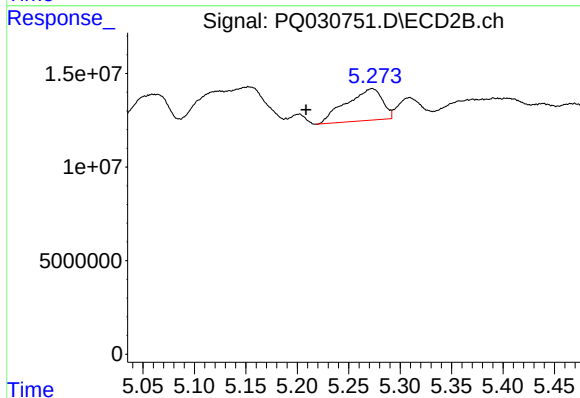
R.T.: 5.059 min
Delta R.T.: 0.021 min
Response: 24177345
Conc: 79.35 ng/ml



#20 AR-1242-5

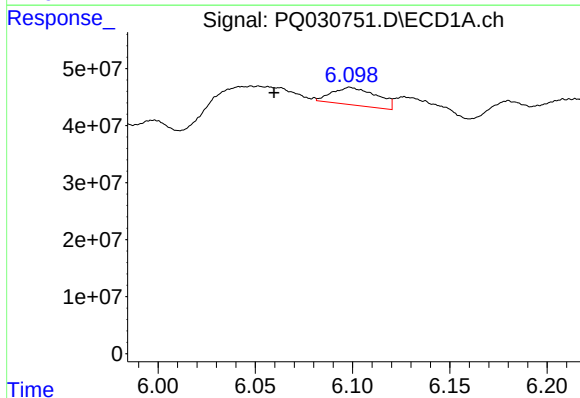
R.T.: 6.180 min
Delta R.T.: -0.020 min
Response: 33961304
Conc: 35.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



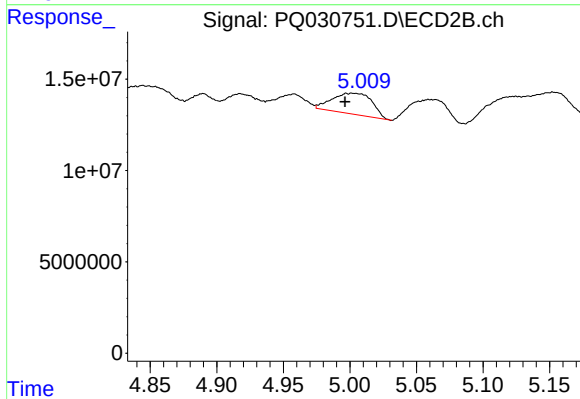
#20 AR-1242-5

R.T.: 5.273 min
Delta R.T.: 0.064 min
Response: 41630684
Conc: 122.64 ng/ml



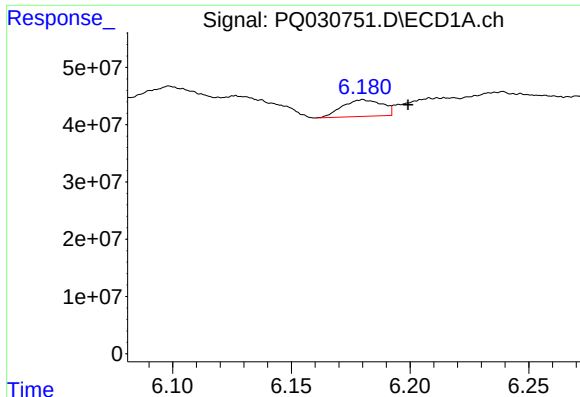
#21 AR-1248-1

R.T.: 6.099 min
Delta R.T.: 0.039 min
Response: 49145679
Conc: 41.14 ng/ml



#21 AR-1248-1

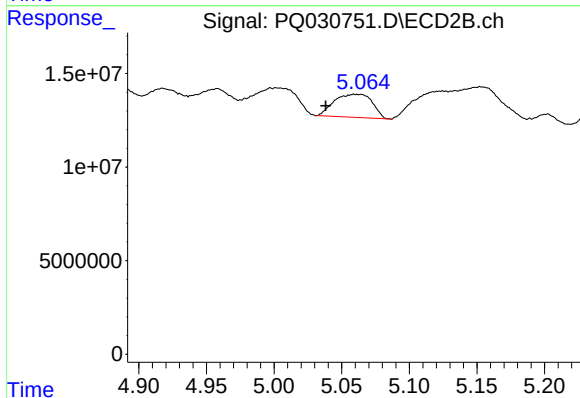
R.T.: 5.002 min
Delta R.T.: 0.006 min
Response: 23878274
Conc: 64.24 ng/ml



#22 AR-1248-2

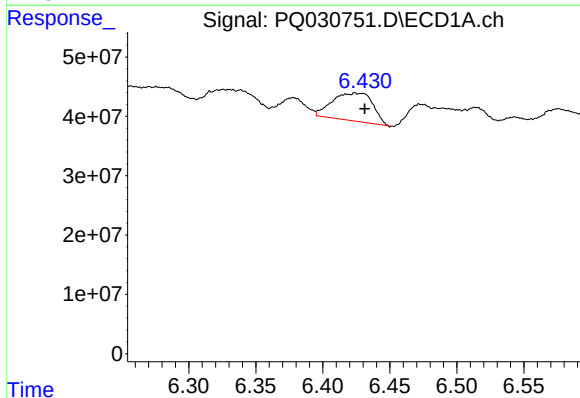
R.T.: 6.180 min
Delta R.T.: -0.019 min
Response: 33961304
Conc: 31.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



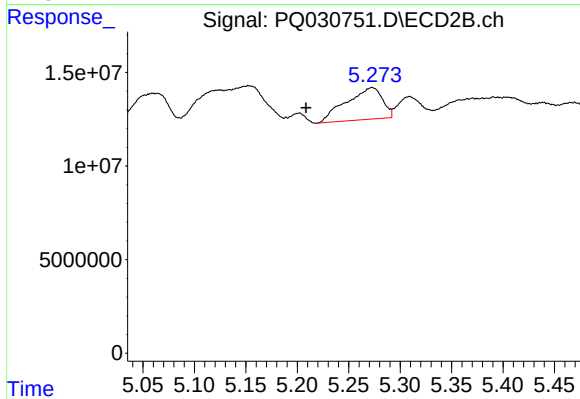
#22 AR-1248-2

R.T.: 5.059 min
Delta R.T.: 0.021 min
Response: 24177345
Conc: 60.79 ng/ml



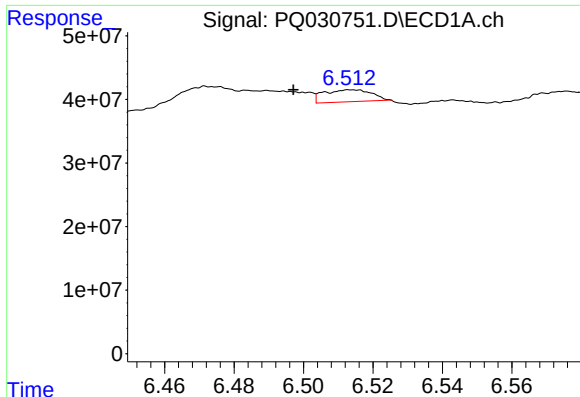
#23 AR-1248-3

R.T.: 6.424 min
Delta R.T.: -0.007 min
Response: 98586758
Conc: 89.70 ng/ml



#23 AR-1248-3

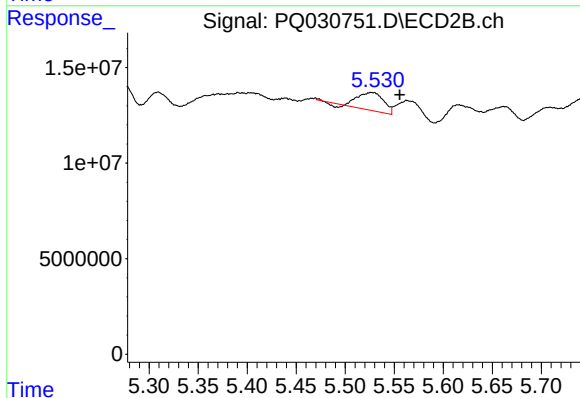
R.T.: 5.273 min
Delta R.T.: 0.064 min
Response: 41630684
Conc: 84.84 ng/ml



#24 AR-1248-4

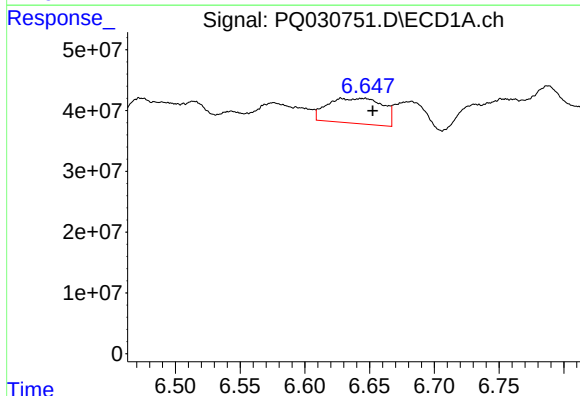
R.T.: 6.514 min
Delta R.T.: 0.017 min
Response: 16488535
Conc: 12.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



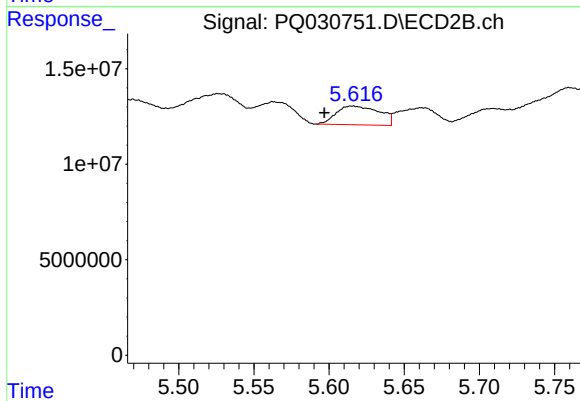
#24 AR-1248-4

R.T.: 5.526 min
Delta R.T.: -0.029 min
Response: 16940051
Conc: 22.44 ng/ml



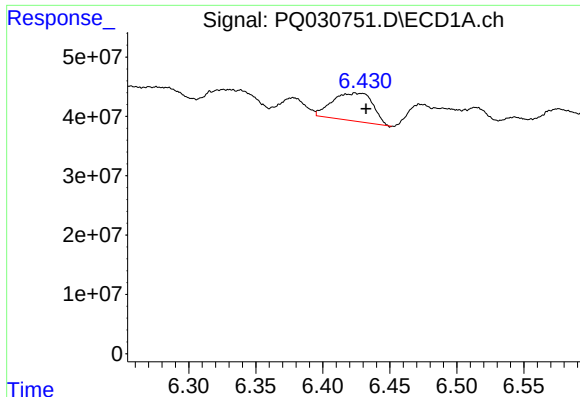
#25 AR-1248-5

R.T.: 6.629 min
Delta R.T.: -0.023 min
Response: 122363628
Conc: 84.95 ng/ml



#25 AR-1248-5

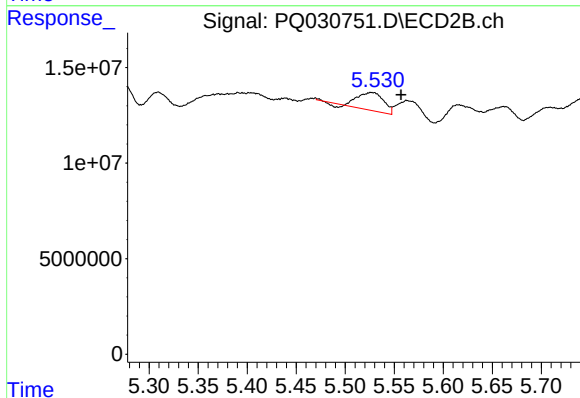
R.T.: 5.616 min
Delta R.T.: 0.019 min
Response: 19624305
Conc: 36.90 ng/ml



#26 AR-1254-1

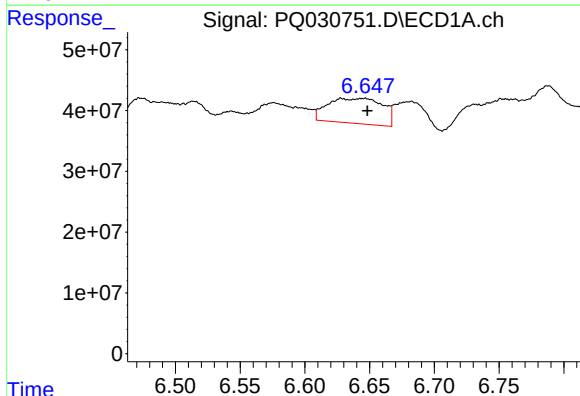
R.T.: 6.424 min
Delta R.T.: -0.008 min
Response: 98586758
Conc: 63.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



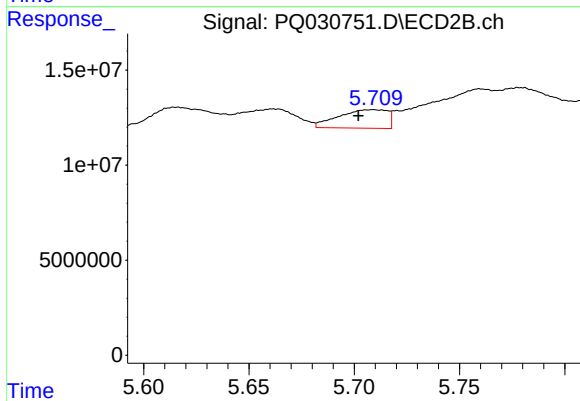
#26 AR-1254-1

R.T.: 5.526 min
Delta R.T.: -0.030 min
Response: 16940051
Conc: 20.49 ng/ml



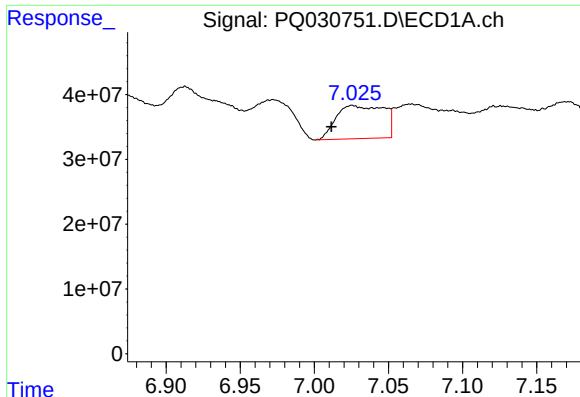
#27 AR-1254-2

R.T.: 6.629 min
Delta R.T.: -0.019 min
Response: 122363628
Conc: 48.44 ng/ml



#27 AR-1254-2

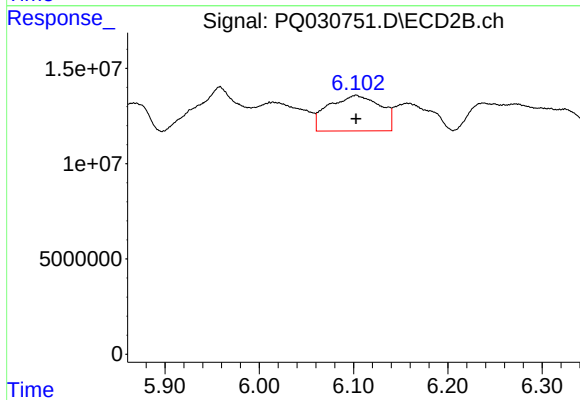
R.T.: 5.709 min
Delta R.T.: 0.007 min
Response: 15731820
Conc: 21.14 ng/ml



#28 AR-1254-3

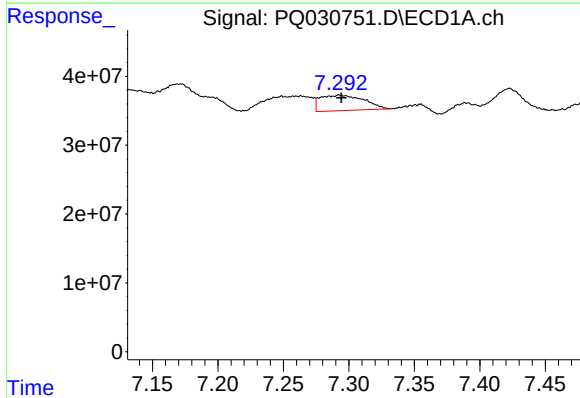
R.T.: 7.026 min
Delta R.T.: 0.014 min
Response: 113964863
Conc: 42.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



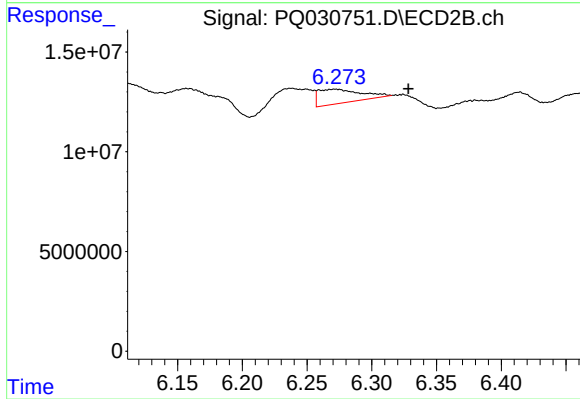
#28 AR-1254-3

R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 71255444
Conc: 54.65 ng/ml



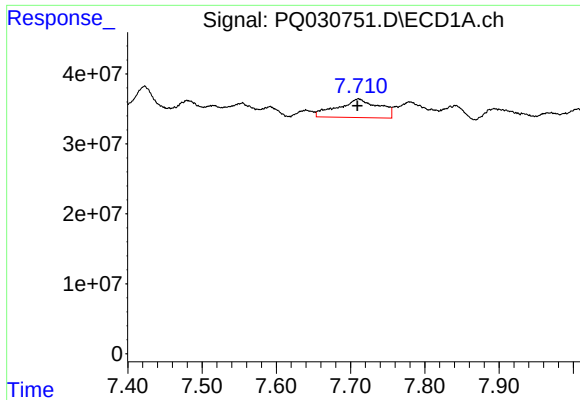
#29 AR-1254-4

R.T.: 7.293 min
Delta R.T.: 0.000 min
Response: 51859913
Conc: 25.58 ng/ml



#29 AR-1254-4

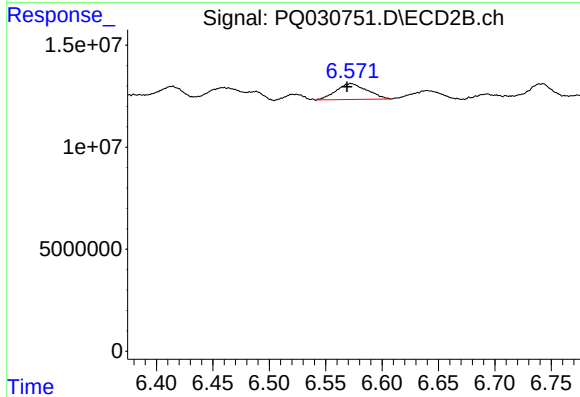
R.T.: 6.272 min
Delta R.T.: -0.056 min
Response: 16069760
Conc: 15.71 ng/ml



#30 AR-1254-5

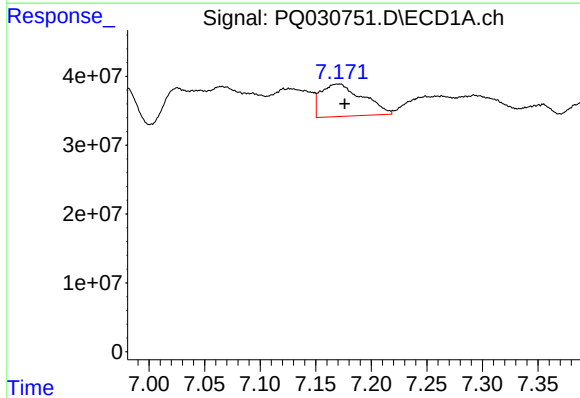
R.T.: 7.711 min
Delta R.T.: 0.001 min
Response: 102937293
Conc: 47.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



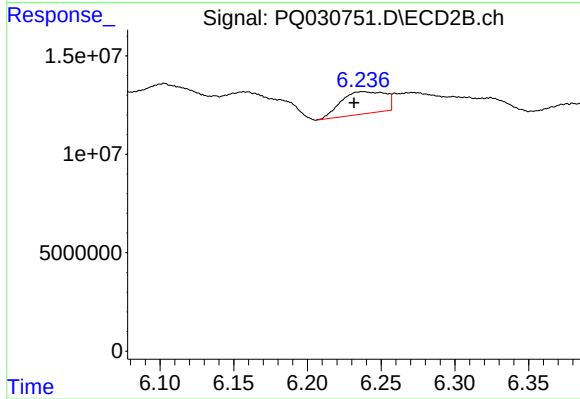
#30 AR-1254-5

R.T.: 6.573 min
Delta R.T.: 0.004 min
Response: 14723885
Conc: 28.26 ng/ml



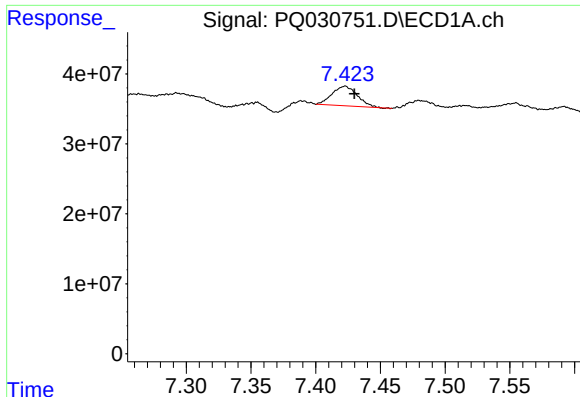
#31 AR-1260-1

R.T.: 7.170 min
Delta R.T.: -0.006 min
Response: 123465141
Conc: 72.15 ng/ml



#31 AR-1260-1

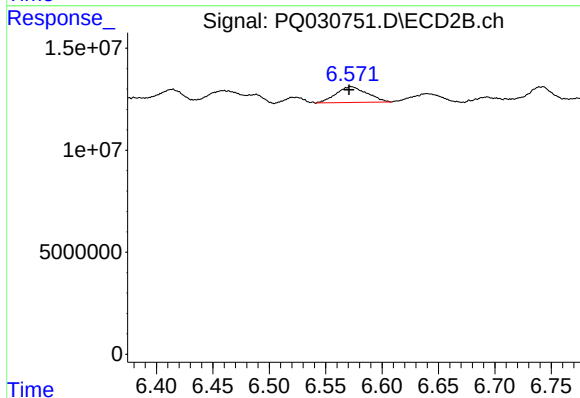
R.T.: 6.238 min
Delta R.T.: 0.006 min
Response: 23410896
Conc: 29.92 ng/ml



#32 AR-1260-2

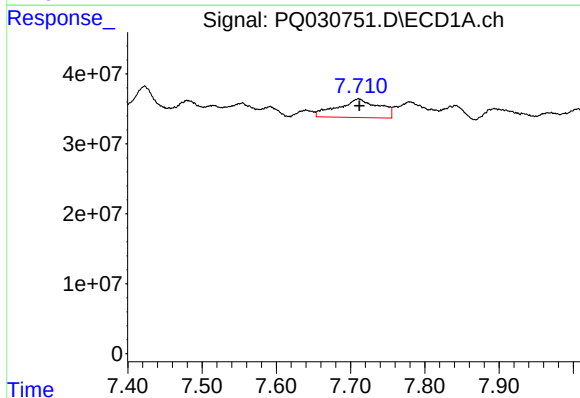
R.T.: 7.423 min
Delta R.T.: -0.008 min
Response: 38067400
Conc: 18.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



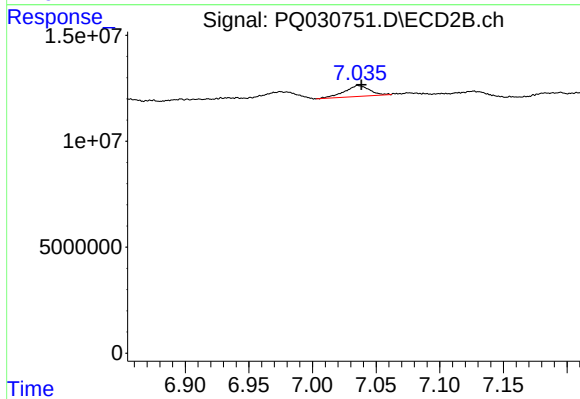
#32 AR-1260-2

R.T.: 6.573 min
Delta R.T.: 0.002 min
Response: 14723885
Conc: 16.58 ng/ml



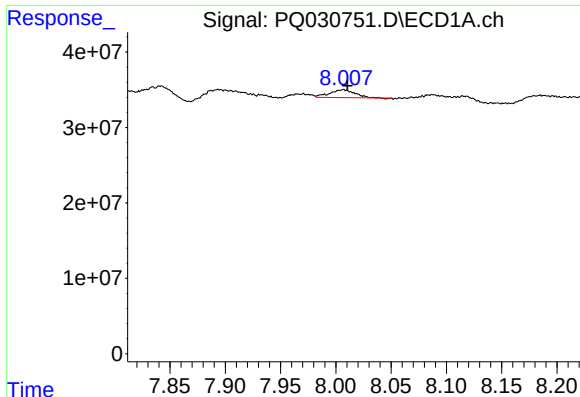
#33 AR-1260-3

R.T.: 7.711 min
Delta R.T.: -0.001 min
Response: 102937293
Conc: 41.47 ng/ml



#33 AR-1260-3

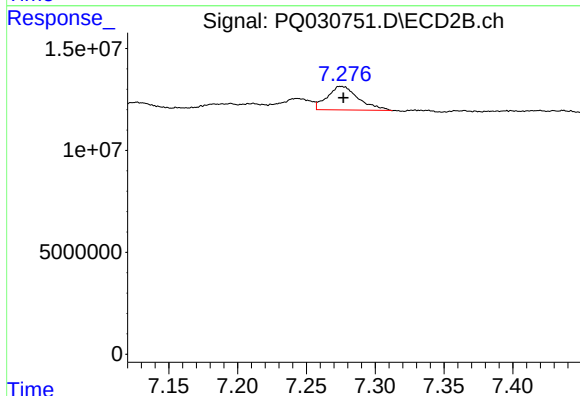
R.T.: 7.036 min
Delta R.T.: -0.002 min
Response: 7055013
Conc: 9.24 ng/ml



#34 AR-1260-4

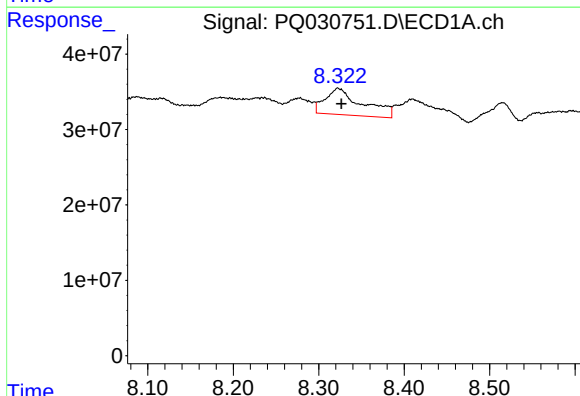
R.T.: 8.006 min
Delta R.T.: -0.004 min
Response: 16112578
Conc: 9.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



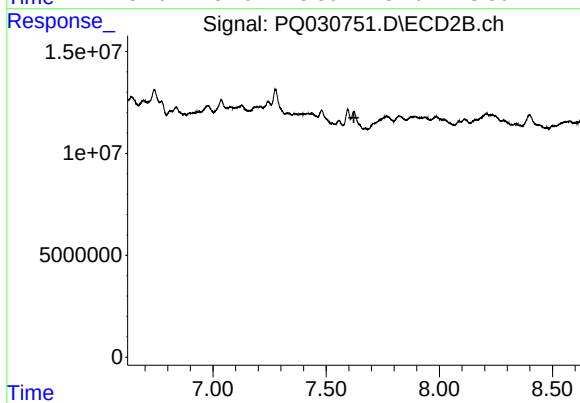
#34 AR-1260-4

R.T.: 7.275 min
Delta R.T.: -0.001 min
Response: 18304696
Conc: 9.36 ng/ml



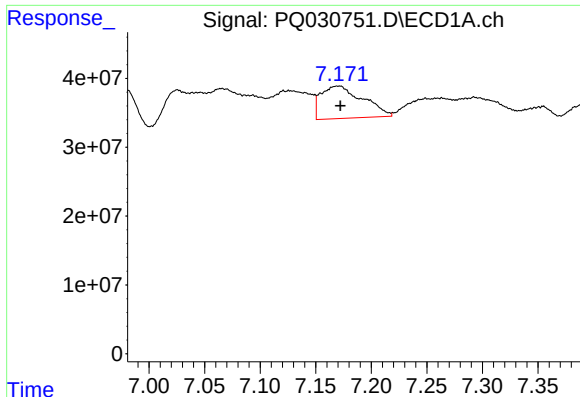
#35 AR-1260-5

R.T.: 8.323 min
Delta R.T.: -0.003 min
Response: 105189139
Conc: 29.18 ng/ml



#35 AR-1260-5

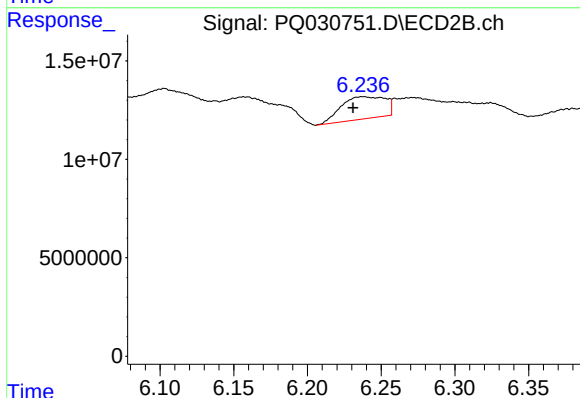
R.T.: 0.000 min
Exp R.T.: 7.622 min
Response: 0
Conc: N.D.



#36 AR-1262-1

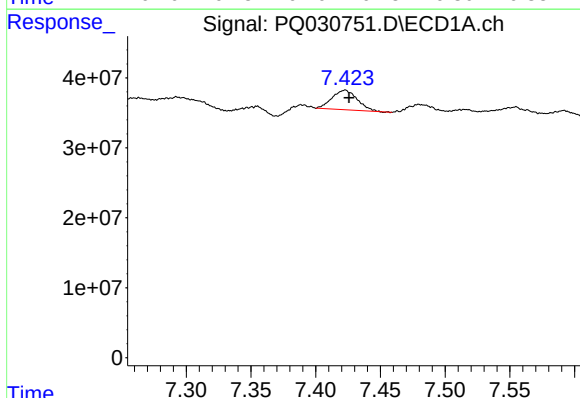
R.T.: 7.170 min
Delta R.T.: -0.002 min
Response: 123465141
Conc: 61.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



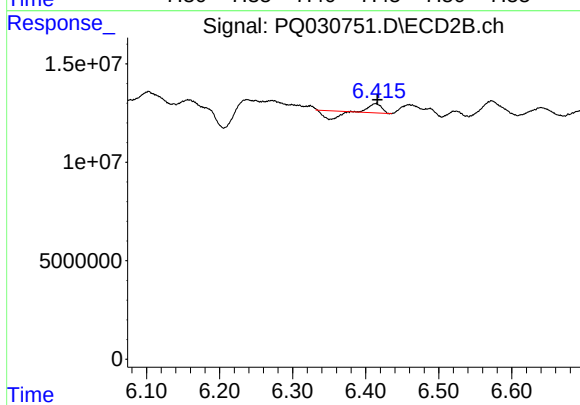
#36 AR-1262-1

R.T.: 6.238 min
Delta R.T.: 0.007 min
Response: 23410896
Conc: 29.46 ng/ml



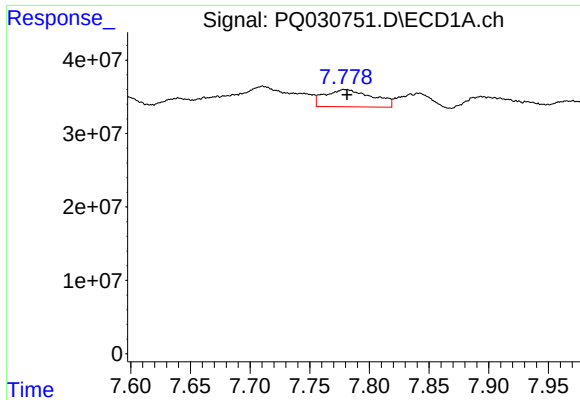
#37 AR-1262-2

R.T.: 7.423 min
Delta R.T.: -0.003 min
Response: 38067400
Conc: 16.77 ng/ml



#37 AR-1262-2

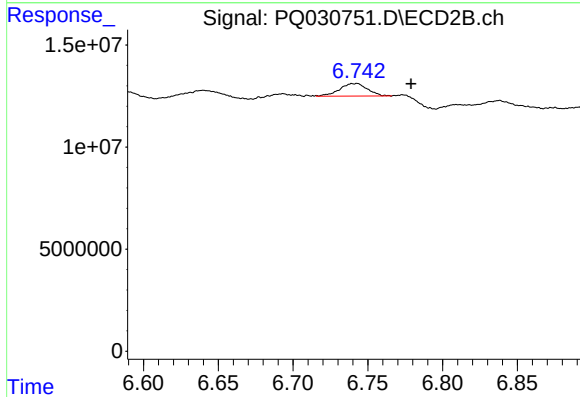
R.T.: 6.414 min
Delta R.T.: -0.002 min
Response: 928689
Conc: 0.99 ng/ml



#38 AR-1262-3

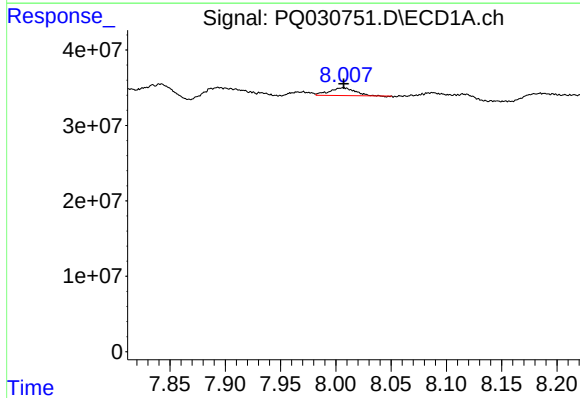
R.T.: 7.780 min
Delta R.T.: -0.001 min
Response: 65624755
Conc: 23.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



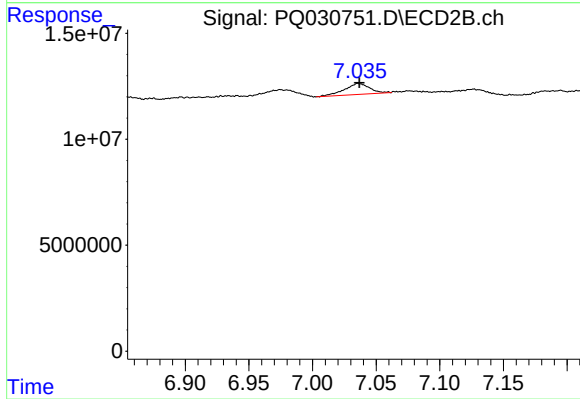
#38 AR-1262-3

R.T.: 6.742 min
Delta R.T.: -0.037 min
Response: 8007949
Conc: 6.05 ng/ml



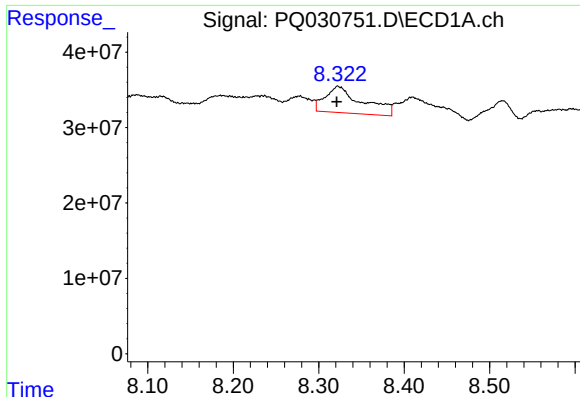
#39 AR-1262-4

R.T.: 8.006 min
Delta R.T.: 0.000 min
Response: 16112578
Conc: 5.91 ng/ml



#39 AR-1262-4

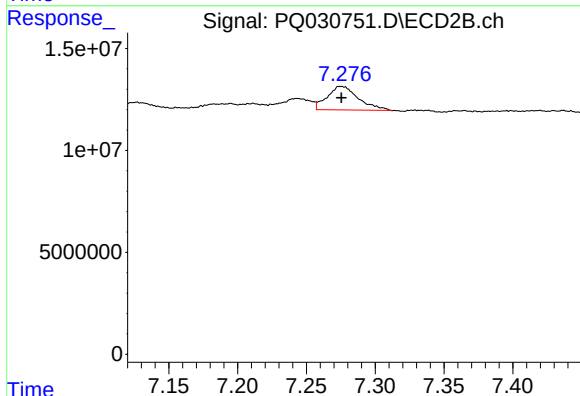
R.T.: 7.036 min
Delta R.T.: 0.000 min
Response: 7055013
Conc: 5.75 ng/ml



#40 AR-1262-5

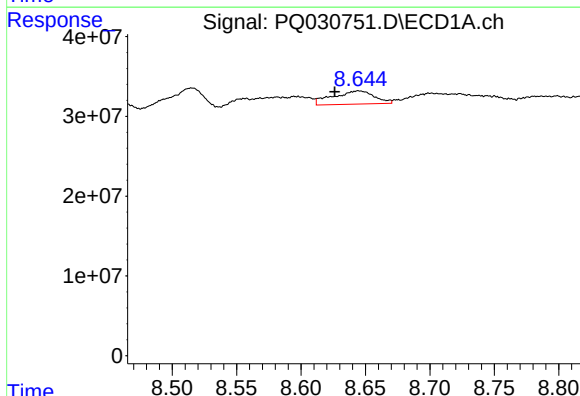
R.T.: 8.323 min
Delta R.T.: 0.002 min
Response: 105189139
Conc: 19.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



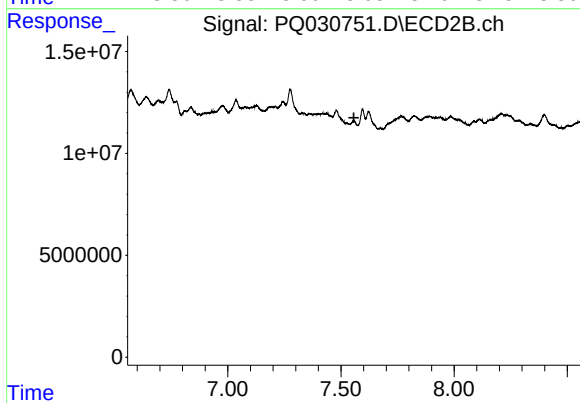
#40 AR-1262-5

R.T.: 7.275 min
Delta R.T.: 0.000 min
Response: 18304696
Conc: 6.82 ng/ml



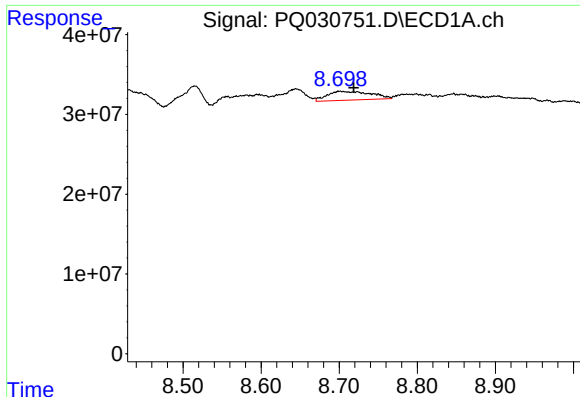
#41 AR-1268-1

R.T.: 8.645 min
Delta R.T.: 0.019 min
Response: 37165132
Conc: 8.71 ng/ml



#41 AR-1268-1

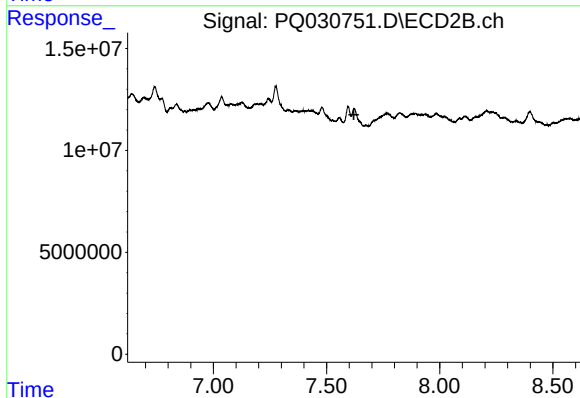
R.T.: 0.000 min
Exp R.T.: 7.557 min
Response: 0
Conc: N.D.



#42 AR-1268-2

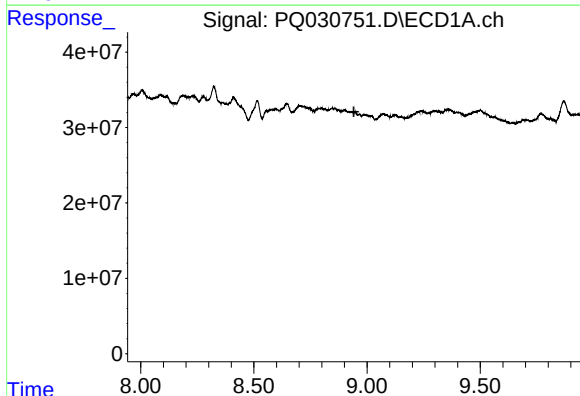
R.T.: 8.702 min
Delta R.T.: -0.017 min
Response: 42928607
Conc: 10.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



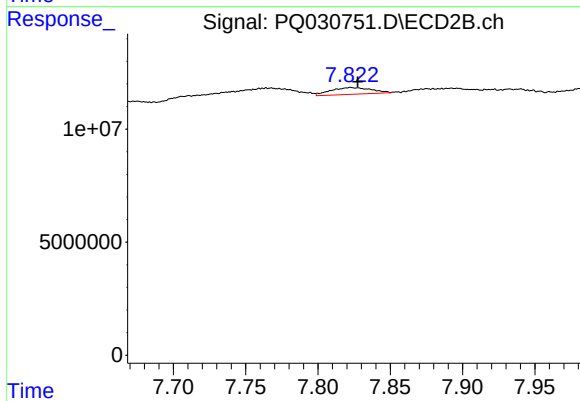
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 7.621 min
Response: 0
Conc: N.D.



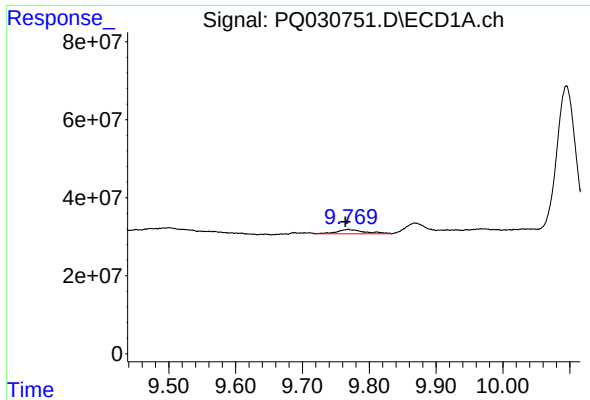
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.942 min
Response: 0
Conc: N.D.



#43 AR-1268-3

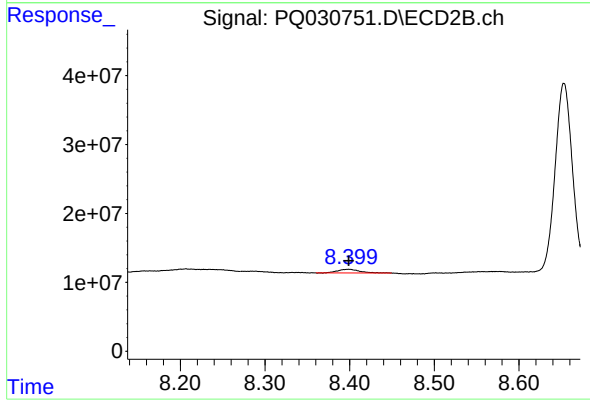
R.T.: 7.822 min
Delta R.T.: -0.005 min
Response: 5762504
Conc: 2.96 ng/ml



#45 AR-1268-5

R.T.: 9.769 min
Delta R.T.: 0.004 min
Response: 30957790
Conc: 2.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.398 min
Delta R.T.: 0.000 min
Response: 9918272
Conc: 1.51 ng/ml