

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092418\
 Data File : PR032250.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Sep 2018 10:48
 Operator : SM\SJ
 Sample : J5051-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 25 02:39:27 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091818.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 19 03:49:43 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...	4.514	3.645	309.9E6	542.0E6	15.588	12.952
2)	SA Decachlor...	10.249	8.497	385.3E6	289.1E6	13.155	12.858
Target Compounds							
3)	L1 AR-1016-1	5.219	4.293	9654972	16216806	18.569	14.016
4)	L1 AR-1016-2	5.417	4.697	-7558417	29715090	N.D.	17.280 #
5)	L1 AR-1016-3	5.651	4.697	2485734	29715090	3.041	9.399 #
6)	L1 AR-1016-4	5.740	4.737	11781971	36247857	16.457	20.250
7)	L1 AR-1016-5	6.132	5.128	975229	21178334	1.597	12.561 #
8)	L2 AR-1221-1	4.714	3.881	22865811	5061531	85.279	9.526 #
9)	L2 AR-1221-2	4.825	3.944	23010410	1331391	112.526	3.316 #
10)	L2 AR-1221-3	4.892	4.023	49355794	75618261	79.126	60.339
11)	L3 AR-1232-1	5.705	4.506	10201803	45722791	21.123	79.638 #
12)	L3 AR-1232-2	5.869	4.607	4244074	49284953	17.103	256.022 #
13)	L3 AR-1232-3	6.029	4.939	6285685	82584797	55.659	149.865 #
14)	L3 AR-1232-4	6.360	5.290	4379341	71212893	58.054	101.231 #
15)	L3 AR-1232-5	7.233	5.811	18477412	5675889	283.448	68.566 #
16)	L4 AR-1242-1	5.253	4.315	11365689	16985446	50.818	31.552 #
17)	L4 AR-1242-2	5.972	4.884	34430069	26540383	82.322	23.654 #
18)	L4 AR-1242-3	6.200	4.995	16441238	70028814	74.952	176.264 #
19)	L4 AR-1242-4	6.200	5.342	16441238	8385837	97.313	22.524 #
20)	L4 AR-1242-5	6.292	5.738	5041100	15771640	9.098	18.831 #
21)	L5 AR-1248-1	5.939	4.939	23238406	82584797	18.555	28.935 #
22)	L5 AR-1248-2	6.556	5.471	20958020	48643440	16.086	8.516 #
23)	L5 AR-1248-3	6.556	5.498	20958020	85365764	11.817	19.676 #
24)	L5 AR-1248-4	6.594	5.681	8983686	7996278	5.306	2.020 #
25)	L5 AR-1248-5	6.797	6.008	14706751	11668097	13.153	4.611 #
26)	L6 AR-1254-1	6.752	5.602	22173625	45279308	14.672	14.477
27)	L6 AR-1254-2	7.008	5.910	11394851	-508568	11.578	N.D. #
28)	L6 AR-1254-3	7.088	6.217	504097	22110427	0.283	6.862 #
29)	L6 AR-1254-4	7.407	6.542	10320060	-12248255	7.350	N.D. #
30)	L6 AR-1254-5	7.700	6.631	21952022	31849451	22.939	14.464 #
31)	L7 AR-1260-1	7.275	6.145	425498	45311065	0.326	13.679 #
32)	L7 AR-1260-2	7.534	6.317	10237519	54460044	6.184	13.324 #
33)	L7 AR-1260-3	7.823	0.000	11382388	0	5.934	N.D. #
34)	L7 AR-1260-4	8.108	6.932	259379	21519773	0.188	10.732 #
35)	L7 AR-1260-5	8.434	7.167	14708368	5800079	4.808	1.421 #
36)	L8 AR-1262-1	7.173	6.008	6889912	11668097	9.068	6.746 #
37)	L8 AR-1262-2	7.983	6.736	16408860	34688766	23.195	24.397
38)	L8 AR-1262-3	8.159	7.051	3811880	54789816	6.271	53.876 #
39)	L8 AR-1262-4	8.841	7.480	41482146	36598245	22.882	21.631
40)	L8 AR-1262-5	9.475	8.046	33591011	145.5E6	24.805	137.987 #
41)	L9 AR-1268-1	7.894	6.703	13315673	149.9E6	18.803	106.983 #

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 ALS Vial : 11 Sample Multiplier: 1

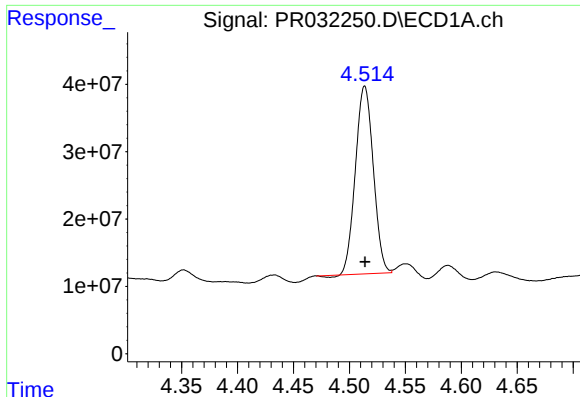
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 25 02:39:27 2018
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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	8.108	7.480	259379	36598245	0.281	6.106 #
43) L9	AR-1268-3	8.765	7.712	13024689	55208208	3.056	19.627 #
44) L9	AR-1268-4	9.069	7.794	52113391	-2651033	15.187	N.D. #
45) L9	AR-1268-5	9.920	8.267	36401014	50366795	3.574	6.971 #

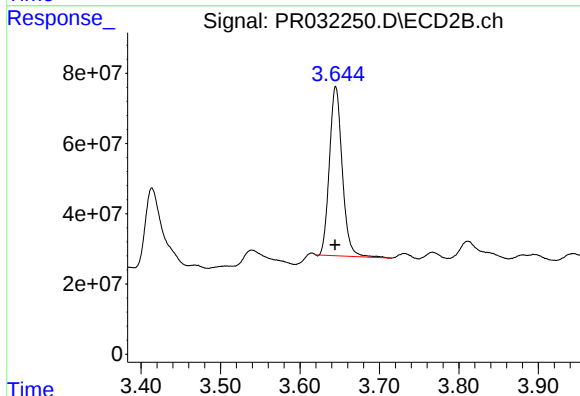
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

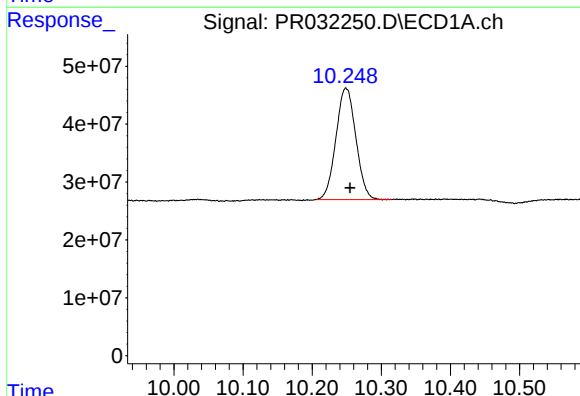
R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 309895924
Conc: 15.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



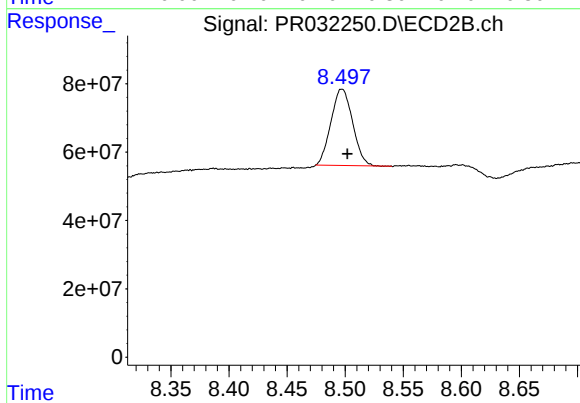
#1 Tetrachloro-m-xylene

R.T.: 3.645 min
Delta R.T.: 0.000 min
Response: 541962594
Conc: 12.95 ng/ml



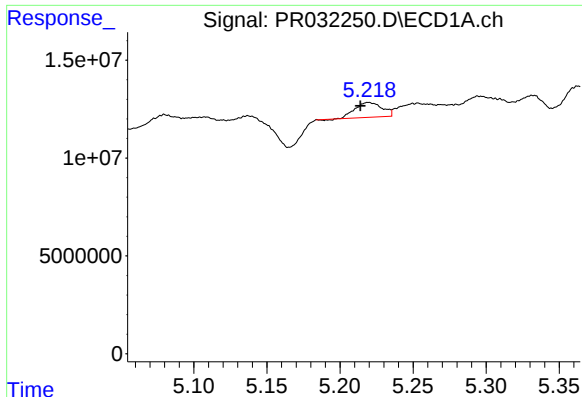
#2 Decachlorobiphenyl

R.T.: 10.249 min
Delta R.T.: -0.006 min
Response: 385342657
Conc: 13.15 ng/ml



#2 Decachlorobiphenyl

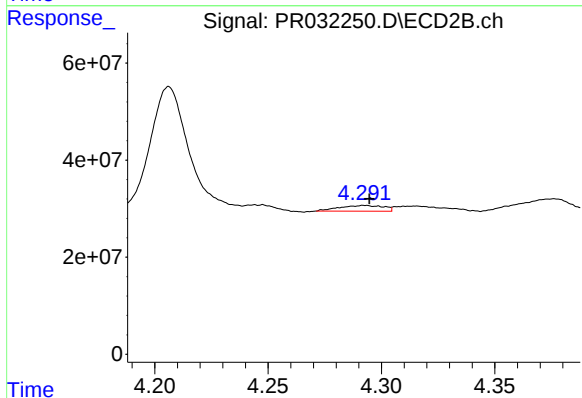
R.T.: 8.497 min
Delta R.T.: -0.005 min
Response: 289131764
Conc: 12.86 ng/ml



#3 AR-1016-1

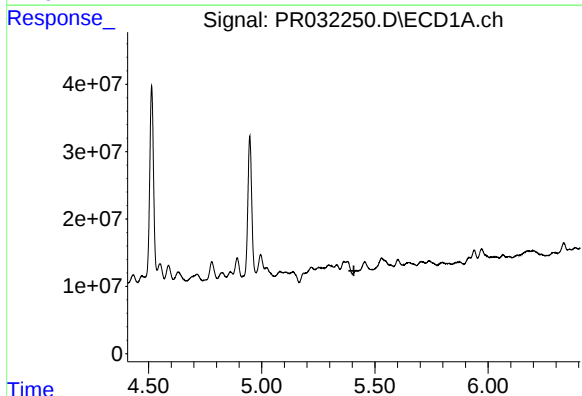
R.T.: 5.219 min
Delta R.T.: 0.006 min
Response: 9654972
Conc: 18.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



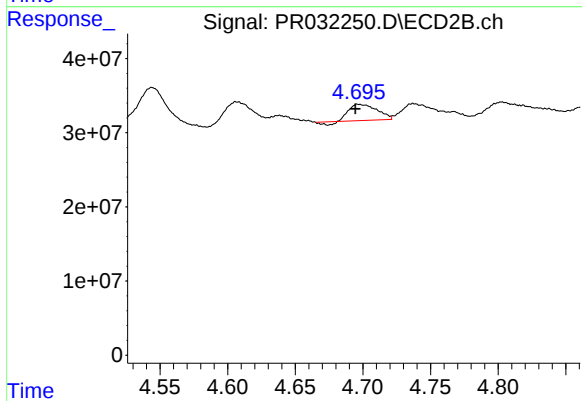
#3 AR-1016-1

R.T.: 4.293 min
Delta R.T.: -0.002 min
Response: 16216806
Conc: 14.02 ng/ml



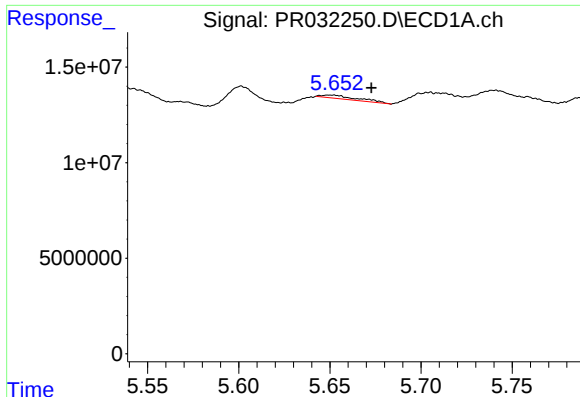
#4 AR-1016-2

R.T.: 5.417 min
Delta R.T.: 0.010 min
Response: -7558417
Conc: N.D.



#4 AR-1016-2

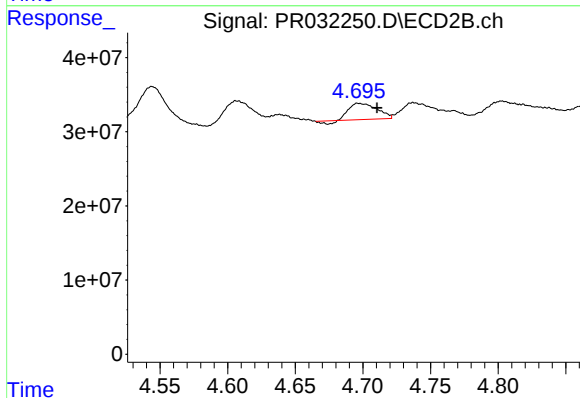
R.T.: 4.697 min
Delta R.T.: 0.002 min
Response: 29715090
Conc: 17.28 ng/ml



#5 AR-1016-3

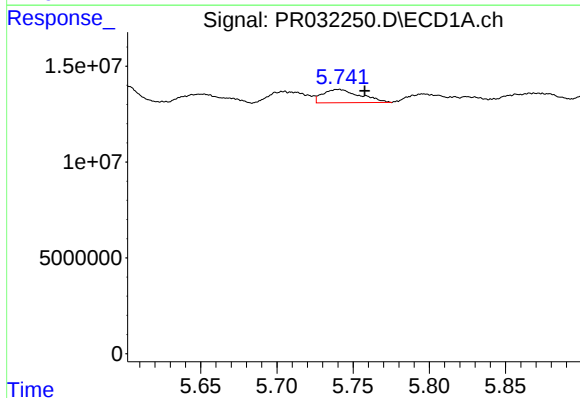
R.T.: 5.651 min
Delta R.T.: -0.022 min
Response: 2485734
Conc: 3.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



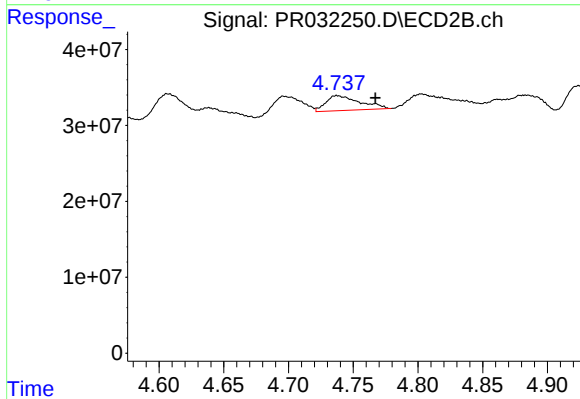
#5 AR-1016-3

R.T.: 4.697 min
Delta R.T.: -0.014 min
Response: 29715090
Conc: 9.40 ng/ml



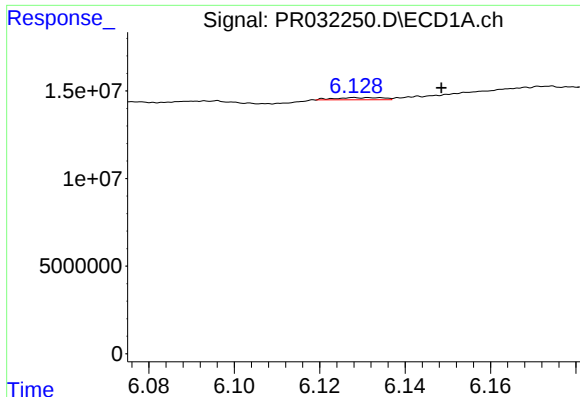
#6 AR-1016-4

R.T.: 5.740 min
Delta R.T.: -0.017 min
Response: 11781971
Conc: 16.46 ng/ml



#6 AR-1016-4

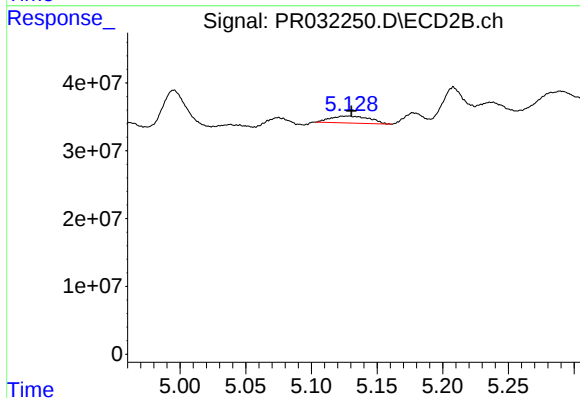
R.T.: 4.737 min
Delta R.T.: -0.030 min
Response: 36247857
Conc: 20.25 ng/ml



#7 AR-1016-5

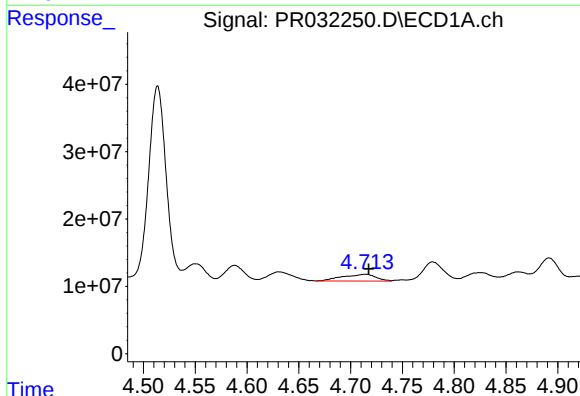
R.T.: 6.132 min
Delta R.T.: -0.016 min
Response: 975229
Conc: 1.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



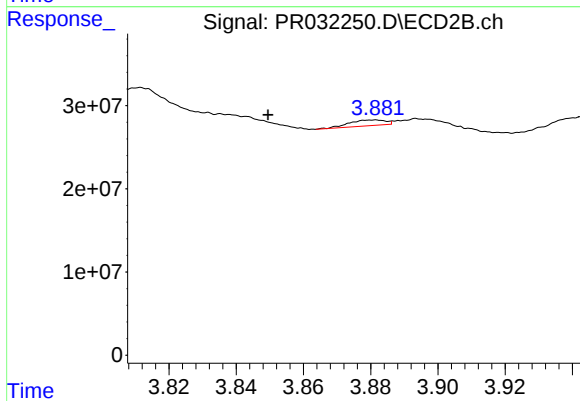
#7 AR-1016-5

R.T.: 5.128 min
Delta R.T.: -0.002 min
Response: 21178334
Conc: 12.56 ng/ml



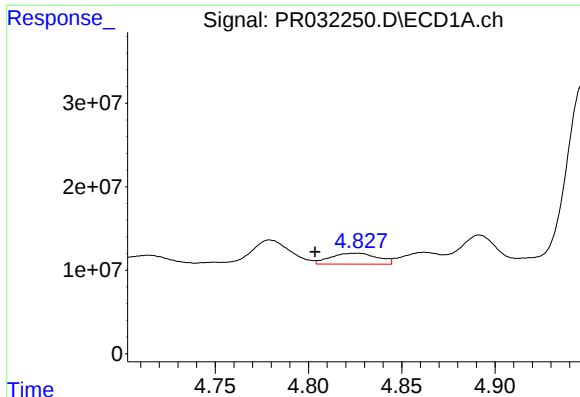
#8 AR-1221-1

R.T.: 4.714 min
Delta R.T.: -0.003 min
Response: 22865811
Conc: 85.28 ng/ml



#8 AR-1221-1

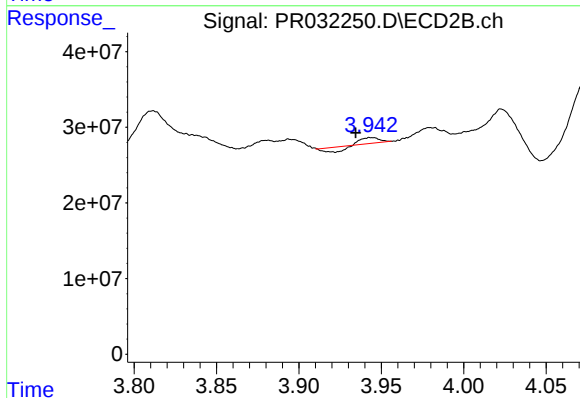
R.T.: 3.881 min
Delta R.T.: 0.031 min
Response: 5061531
Conc: 9.53 ng/ml



#9 AR-1221-2

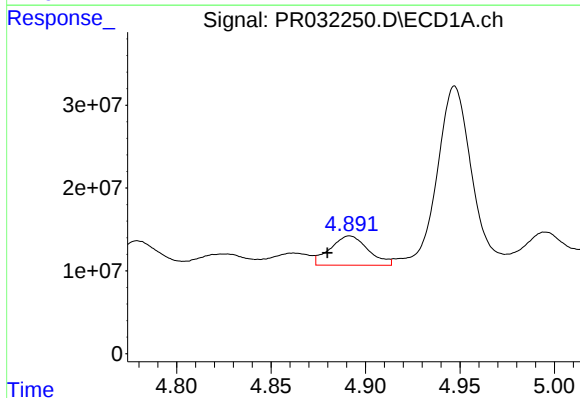
R.T.: 4.825 min
Delta R.T.: 0.022 min
Response: 23010410
Conc: 112.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



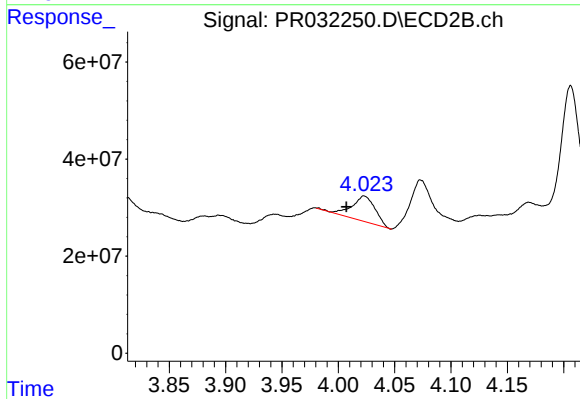
#9 AR-1221-2

R.T.: 3.944 min
Delta R.T.: 0.010 min
Response: 1331391
Conc: 3.32 ng/ml



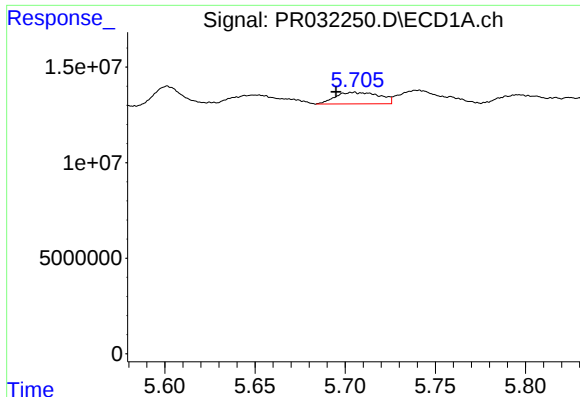
#10 AR-1221-3

R.T.: 4.892 min
Delta R.T.: 0.012 min
Response: 49355794
Conc: 79.13 ng/ml



#10 AR-1221-3

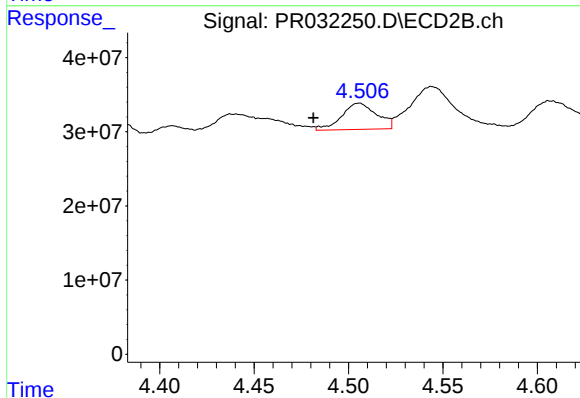
R.T.: 4.023 min
Delta R.T.: 0.016 min
Response: 75618261
Conc: 60.34 ng/ml



#11 AR-1232-1

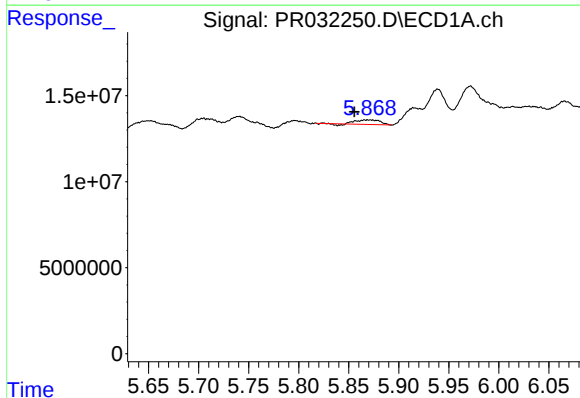
R.T.: 5.705 min
Delta R.T.: 0.010 min
Response: 10201803
Conc: 21.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



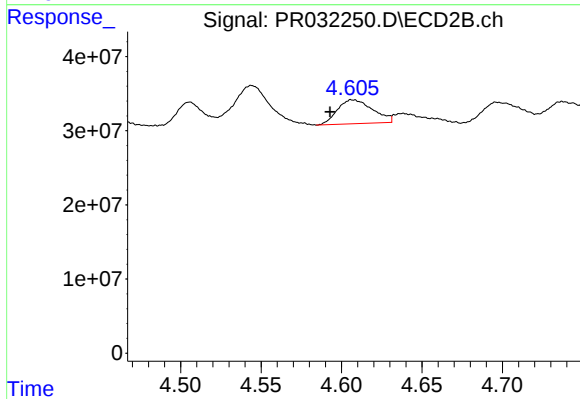
#11 AR-1232-1

R.T.: 4.506 min
Delta R.T.: 0.024 min
Response: 45722791
Conc: 79.64 ng/ml



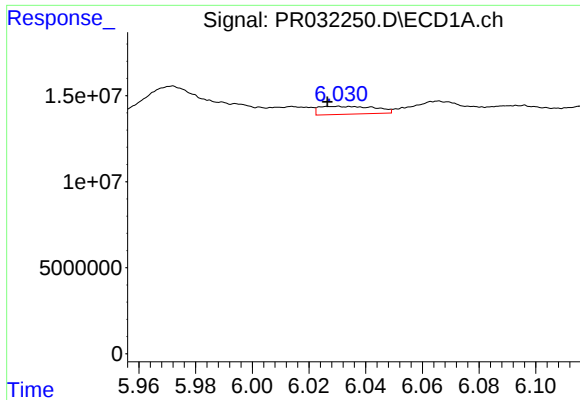
#12 AR-1232-2

R.T.: 5.869 min
Delta R.T.: 0.013 min
Response: 4244074
Conc: 17.10 ng/ml



#12 AR-1232-2

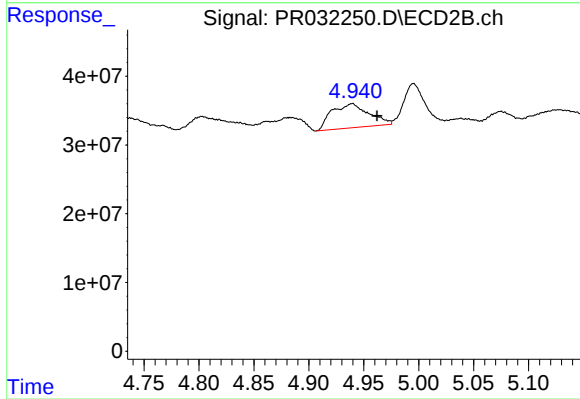
R.T.: 4.607 min
Delta R.T.: 0.014 min
Response: 49284953
Conc: 256.02 ng/ml



#13 AR-1232-3

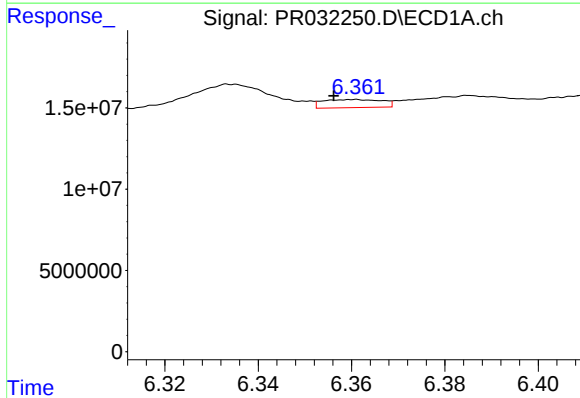
R.T.: 6.029 min
Delta R.T.: 0.003 min
Response: 6285685
Conc: 55.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



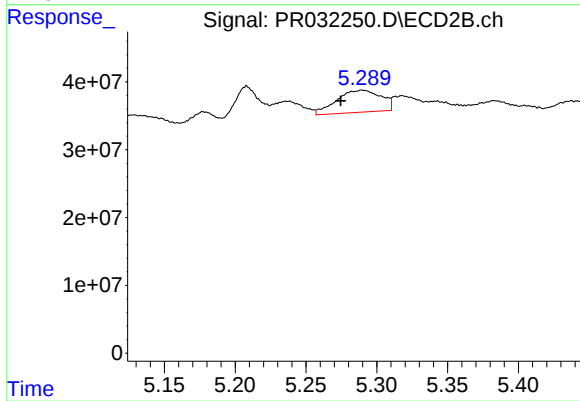
#13 AR-1232-3

R.T.: 4.939 min
Delta R.T.: -0.023 min
Response: 82584797
Conc: 149.86 ng/ml



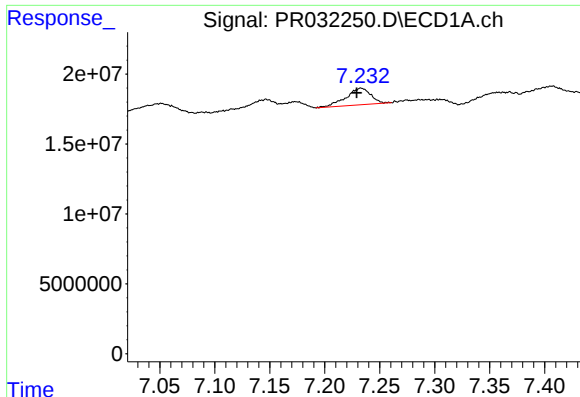
#14 AR-1232-4

R.T.: 6.360 min
Delta R.T.: 0.004 min
Response: 4379341
Conc: 58.05 ng/ml



#14 AR-1232-4

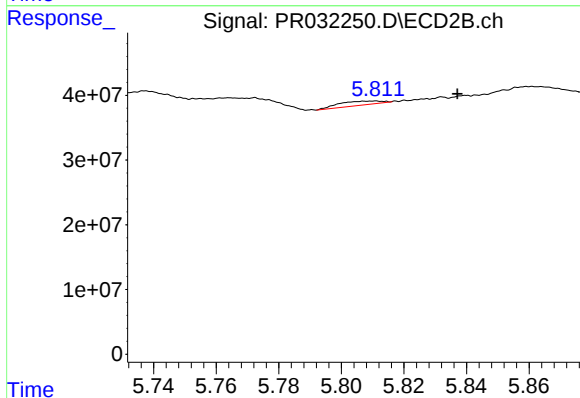
R.T.: 5.290 min
Delta R.T.: 0.015 min
Response: 71212893
Conc: 101.23 ng/ml



#15 AR-1232-5

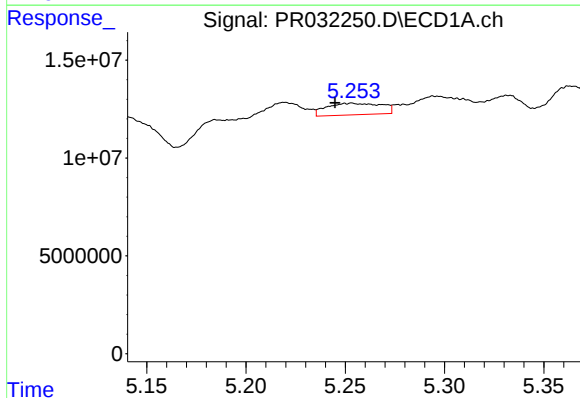
R.T.: 7.233 min
Delta R.T.: 0.004 min
Response: 18477412
Conc: 283.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



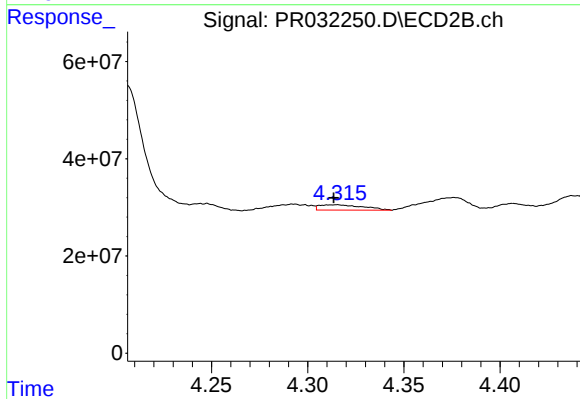
#15 AR-1232-5

R.T.: 5.811 min
Delta R.T.: -0.026 min
Response: 5675889
Conc: 68.57 ng/ml



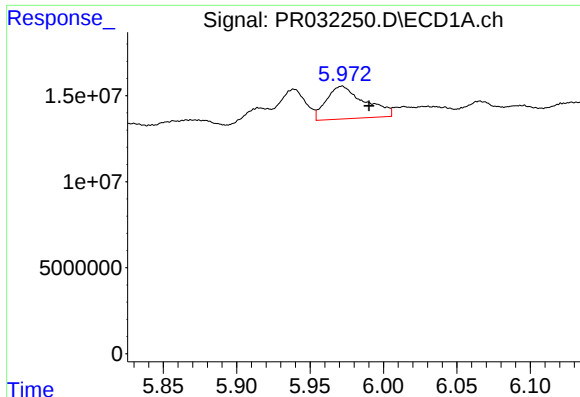
#16 AR-1242-1

R.T.: 5.253 min
Delta R.T.: 0.008 min
Response: 11365689
Conc: 50.82 ng/ml



#16 AR-1242-1

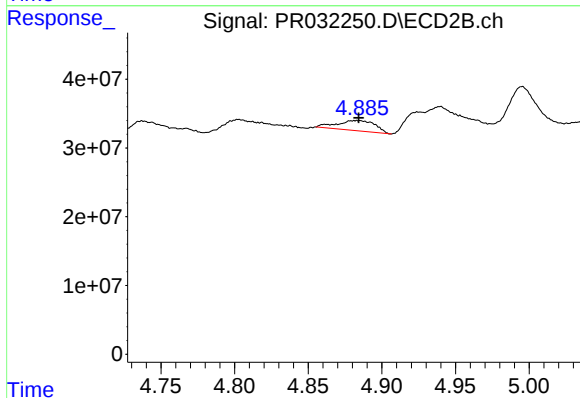
R.T.: 4.315 min
Delta R.T.: 0.001 min
Response: 16985446
Conc: 31.55 ng/ml



#17 AR-1242-2

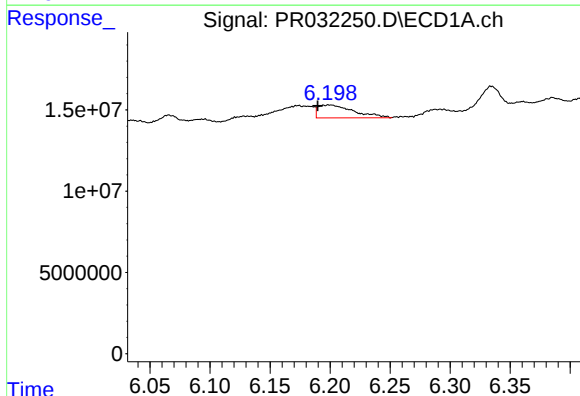
R.T.: 5.972 min
Delta R.T.: -0.019 min
Response: 34430069
Conc: 82.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



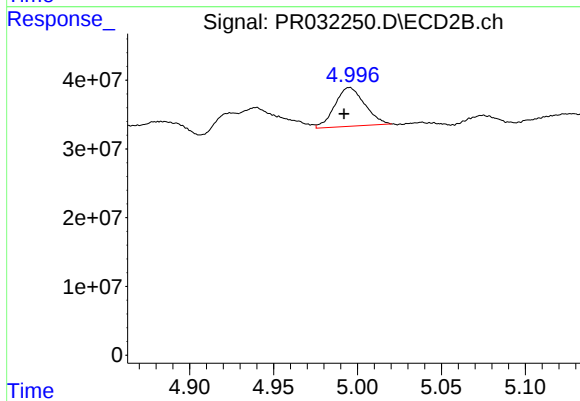
#17 AR-1242-2

R.T.: 4.884 min
Delta R.T.: 0.000 min
Response: 26540383
Conc: 23.65 ng/ml



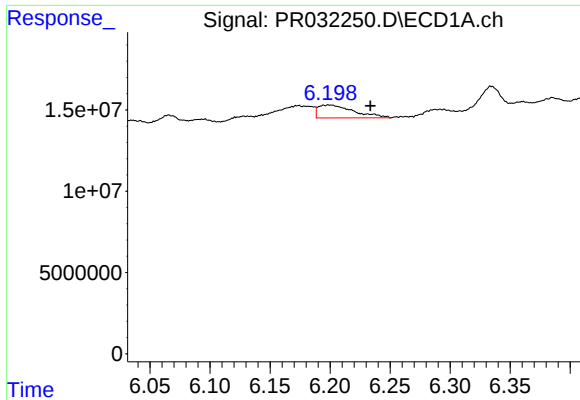
#18 AR-1242-3

R.T.: 6.200 min
Delta R.T.: 0.010 min
Response: 16441238
Conc: 74.95 ng/ml



#18 AR-1242-3

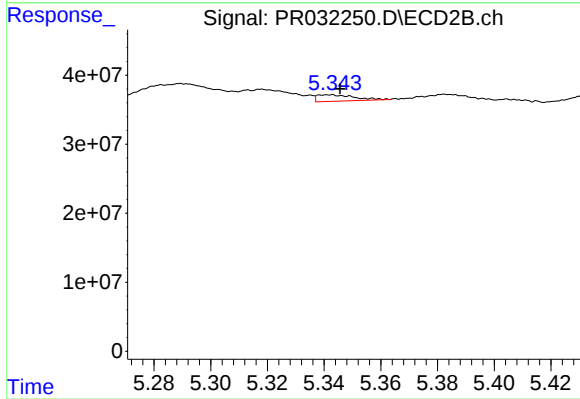
R.T.: 4.995 min
Delta R.T.: 0.003 min
Response: 70028814
Conc: 176.26 ng/ml



#19 AR-1242-4

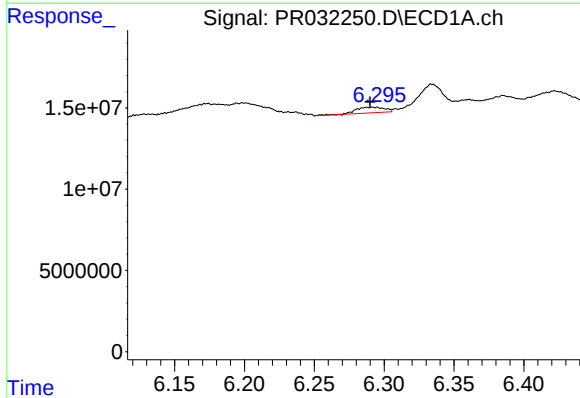
R.T.: 6.200 min
Delta R.T.: -0.034 min
Response: 16441238
Conc: 97.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



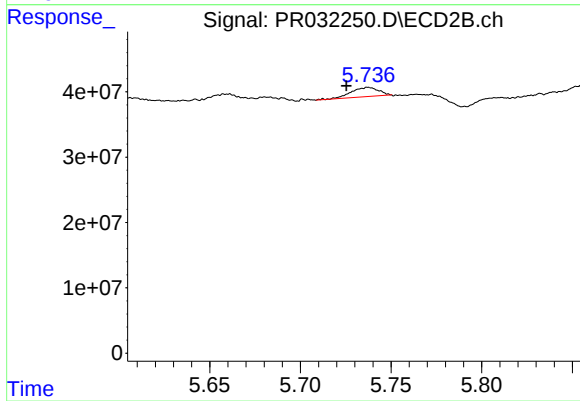
#19 AR-1242-4

R.T.: 5.342 min
Delta R.T.: -0.004 min
Response: 8385837
Conc: 22.52 ng/ml



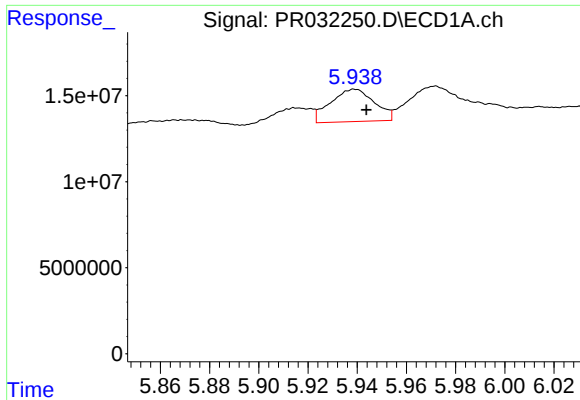
#20 AR-1242-5

R.T.: 6.292 min
Delta R.T.: 0.002 min
Response: 5041100
Conc: 9.10 ng/ml



#20 AR-1242-5

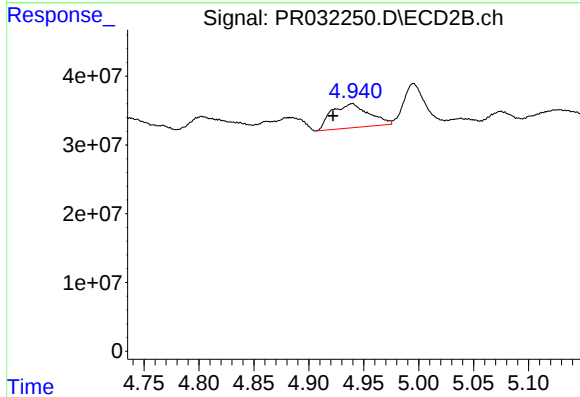
R.T.: 5.738 min
Delta R.T.: 0.012 min
Response: 15771640
Conc: 18.83 ng/ml



#21 AR-1248-1

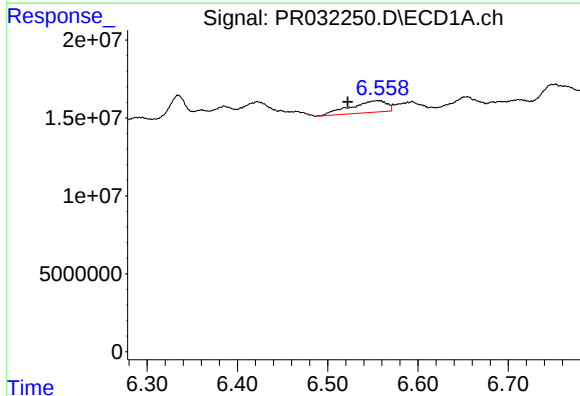
R.T.: 5.939 min
Delta R.T.: -0.005 min
Response: 23238406
Conc: 18.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



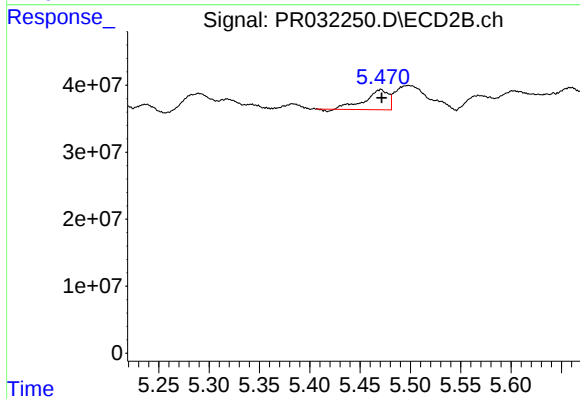
#21 AR-1248-1

R.T.: 4.939 min
Delta R.T.: 0.018 min
Response: 82584797
Conc: 28.94 ng/ml



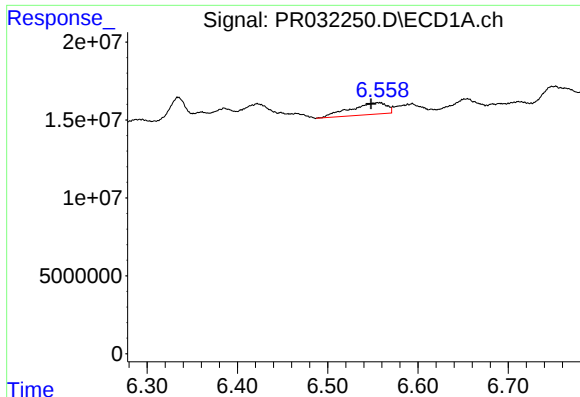
#22 AR-1248-2

R.T.: 6.556 min
Delta R.T.: 0.034 min
Response: 20958020
Conc: 16.09 ng/ml



#22 AR-1248-2

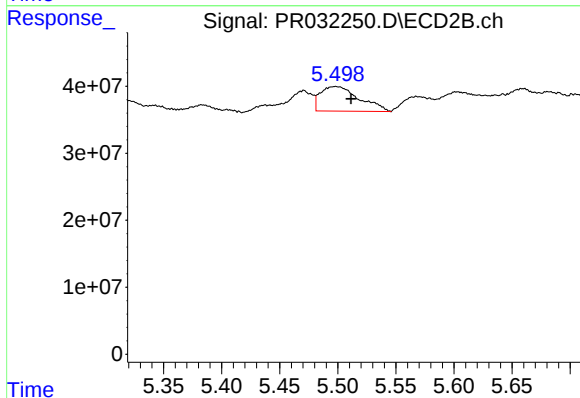
R.T.: 5.471 min
Delta R.T.: 0.000 min
Response: 48643440
Conc: 8.52 ng/ml



#23 AR-1248-3

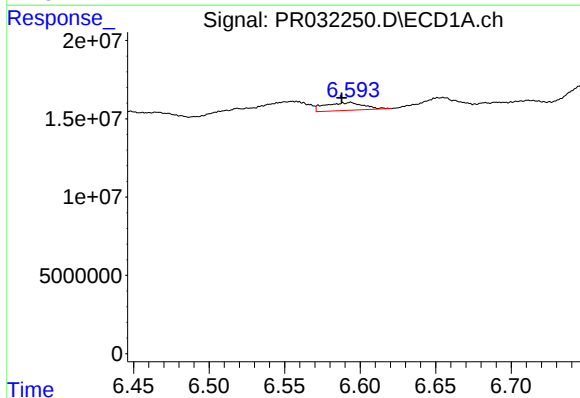
R.T.: 6.556 min
Delta R.T.: 0.008 min
Response: 20958020
Conc: 11.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



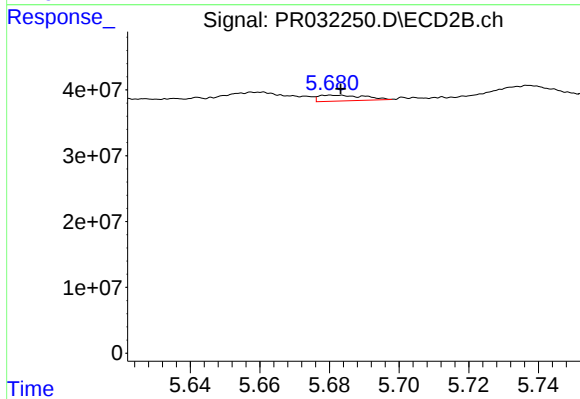
#23 AR-1248-3

R.T.: 5.498 min
Delta R.T.: -0.013 min
Response: 85365764
Conc: 19.68 ng/ml



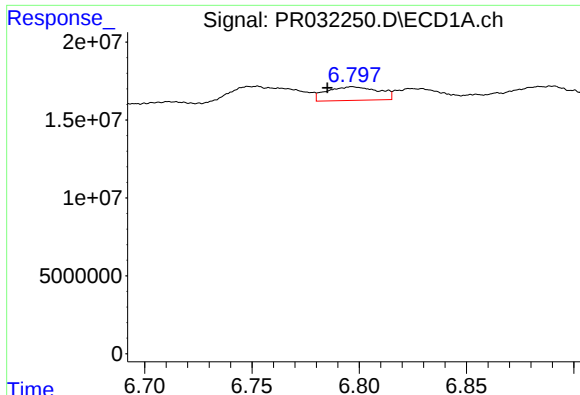
#24 AR-1248-4

R.T.: 6.594 min
Delta R.T.: 0.006 min
Response: 8983686
Conc: 5.31 ng/ml



#24 AR-1248-4

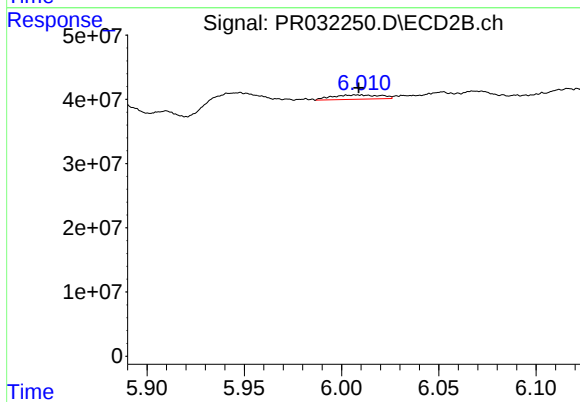
R.T.: 5.681 min
Delta R.T.: -0.002 min
Response: 7996278
Conc: 2.02 ng/ml



#25 AR-1248-5

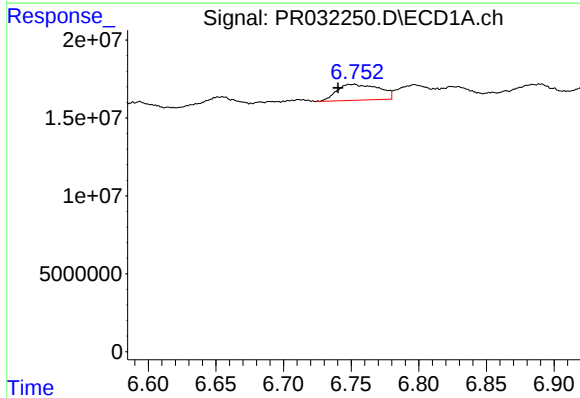
R.T.: 6.797 min
Delta R.T.: 0.012 min
Response: 14706751
Conc: 13.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



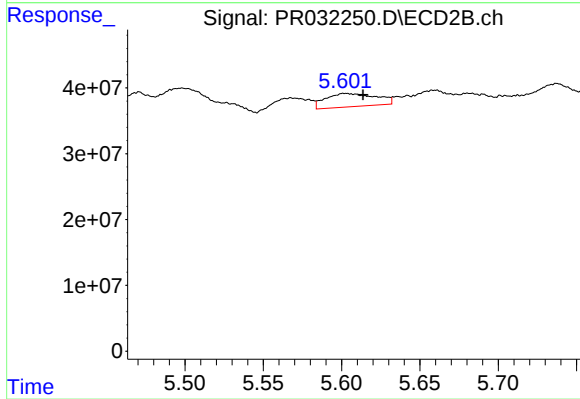
#25 AR-1248-5

R.T.: 6.008 min
Delta R.T.: 0.000 min
Response: 11668097
Conc: 4.61 ng/ml



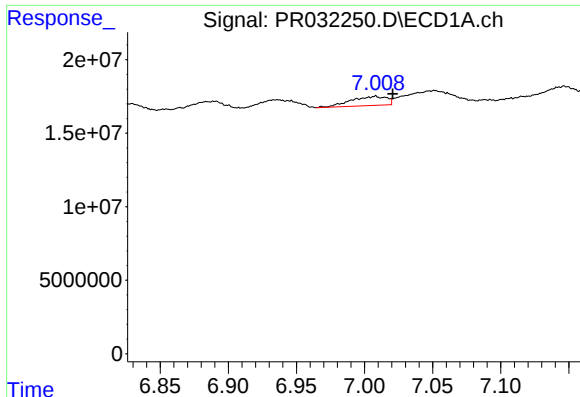
#26 AR-1254-1

R.T.: 6.752 min
Delta R.T.: 0.012 min
Response: 22173625
Conc: 14.67 ng/ml



#26 AR-1254-1

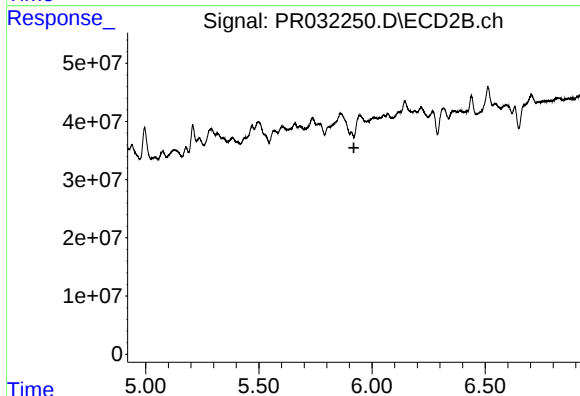
R.T.: 5.602 min
Delta R.T.: -0.011 min
Response: 45279308
Conc: 14.48 ng/ml



#27 AR-1254-2

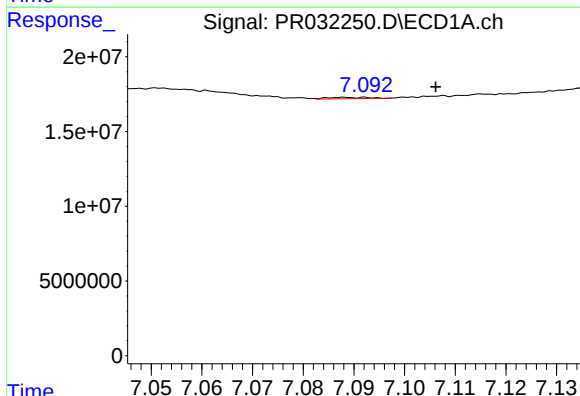
R.T.: 7.008 min
Delta R.T.: -0.013 min
Response: 11394851
Conc: 11.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



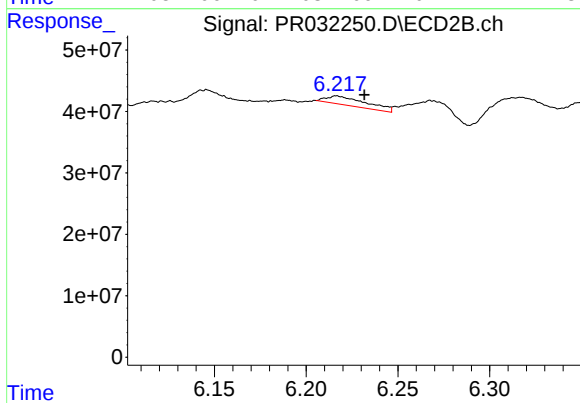
#27 AR-1254-2

R.T.: 5.910 min
Delta R.T.: -0.010 min
Response: -508568
Conc: N.D.



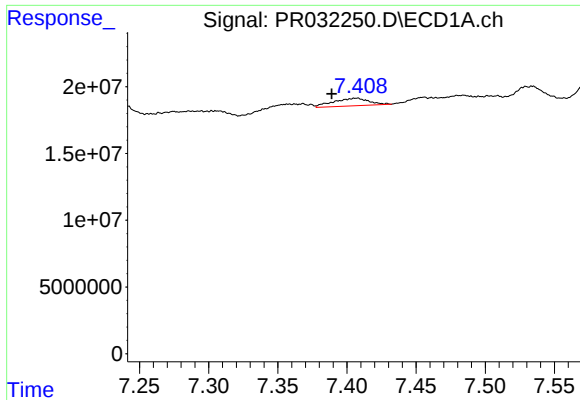
#28 AR-1254-3

R.T.: 7.088 min
Delta R.T.: -0.018 min
Response: 504097
Conc: 0.28 ng/ml



#28 AR-1254-3

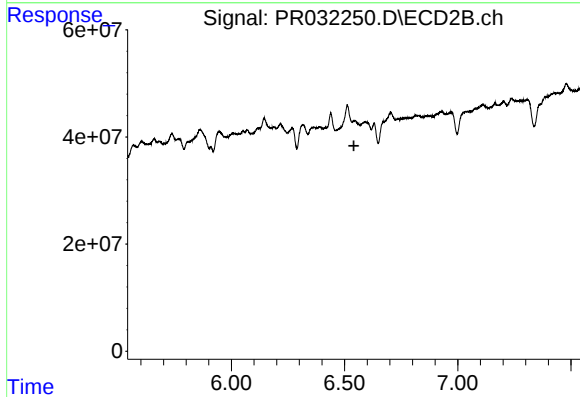
R.T.: 6.217 min
Delta R.T.: -0.015 min
Response: 22110427
Conc: 6.86 ng/ml



#29 AR-1254-4

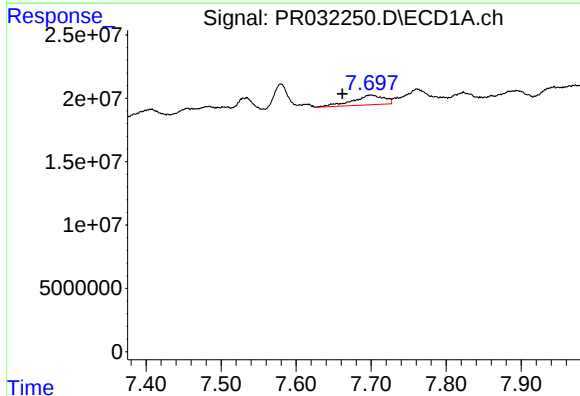
R.T.: 7.407 min
Delta R.T.: 0.018 min
Response: 10320060
Conc: 7.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



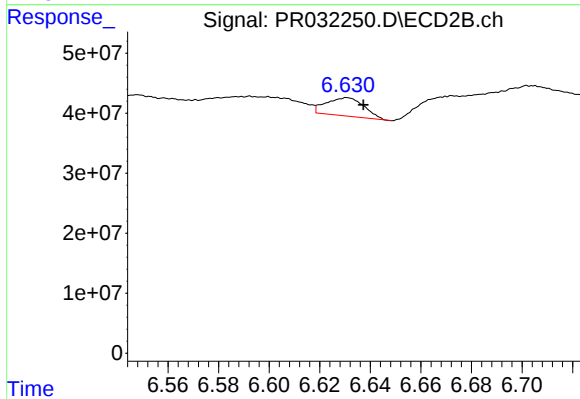
#29 AR-1254-4

R.T.: 6.542 min
Delta R.T.: 0.001 min
Response: -12248255
Conc: N.D.



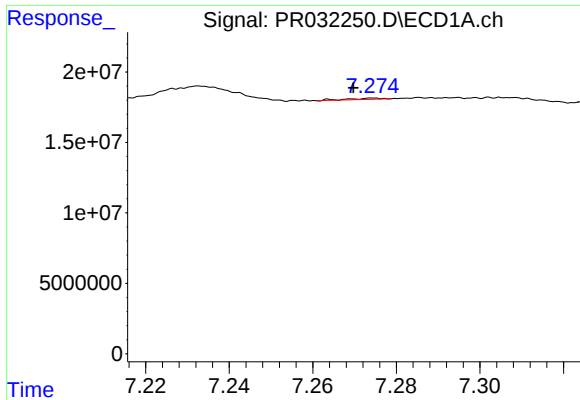
#30 AR-1254-5

R.T.: 7.700 min
Delta R.T.: 0.039 min
Response: 21952022
Conc: 22.94 ng/ml



#30 AR-1254-5

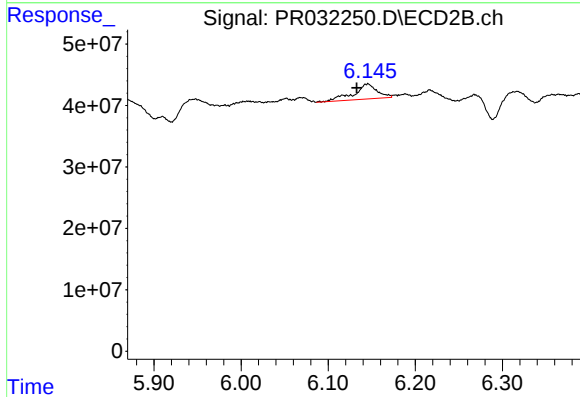
R.T.: 6.631 min
Delta R.T.: -0.006 min
Response: 31849451
Conc: 14.46 ng/ml



#31 AR-1260-1

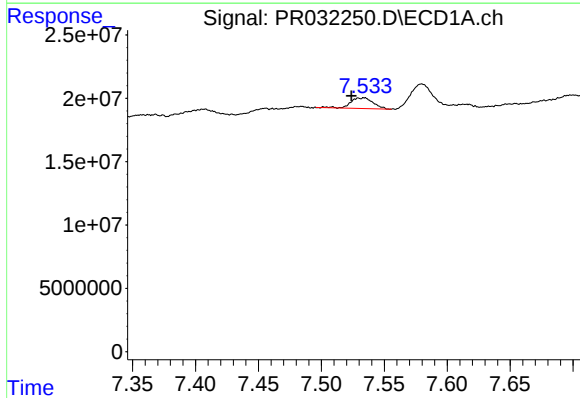
R.T.: 7.275 min
Delta R.T.: 0.005 min
Response: 425498
Conc: 0.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



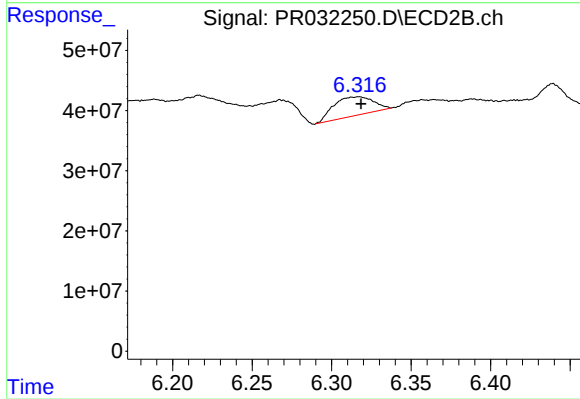
#31 AR-1260-1

R.T.: 6.145 min
Delta R.T.: 0.013 min
Response: 45311065
Conc: 13.68 ng/ml



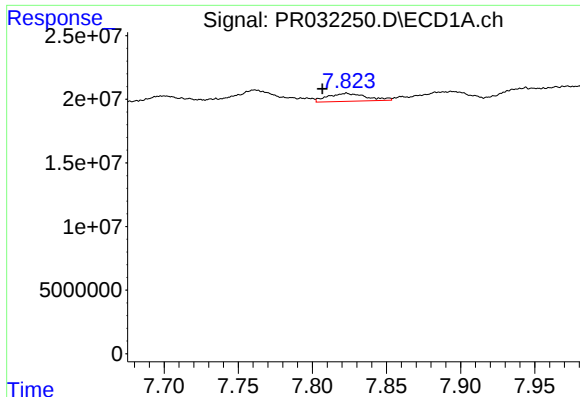
#32 AR-1260-2

R.T.: 7.534 min
Delta R.T.: 0.010 min
Response: 10237519
Conc: 6.18 ng/ml



#32 AR-1260-2

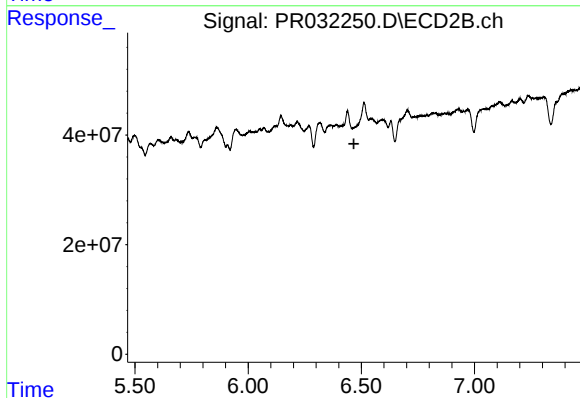
R.T.: 6.317 min
Delta R.T.: -0.001 min
Response: 54460044
Conc: 13.32 ng/ml



#33 AR-1260-3

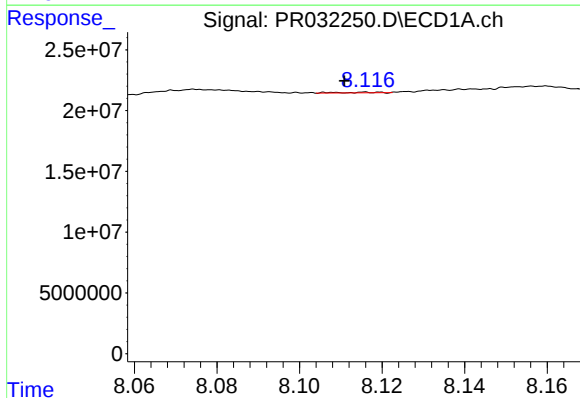
R.T.: 7.823 min
Delta R.T.: 0.016 min
Response: 11382388
Conc: 5.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



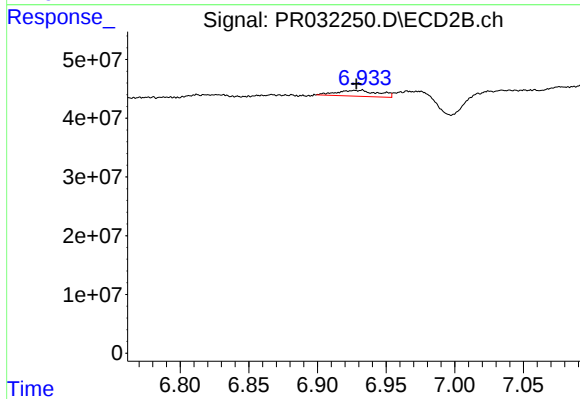
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.467 min
Response: 0
Conc: N.D.



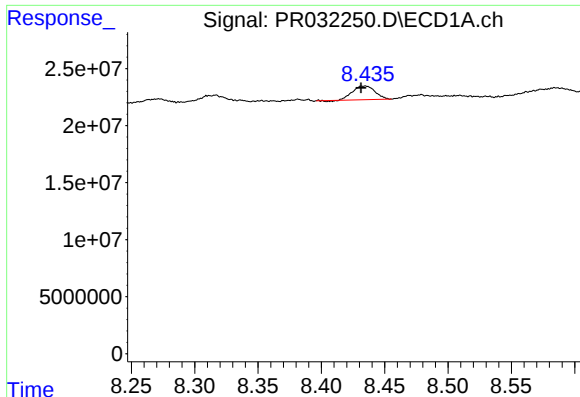
#34 AR-1260-4

R.T.: 8.108 min
Delta R.T.: -0.003 min
Response: 259379
Conc: 0.19 ng/ml



#34 AR-1260-4

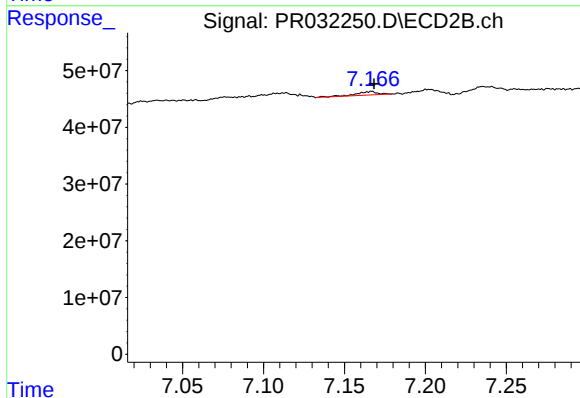
R.T.: 6.932 min
Delta R.T.: 0.004 min
Response: 21519773
Conc: 10.73 ng/ml



#35 AR-1260-5

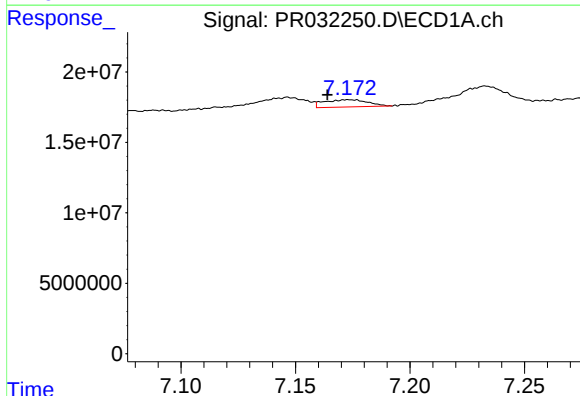
R.T.: 8.434 min
Delta R.T.: 0.003 min
Response: 14708368
Conc: 4.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



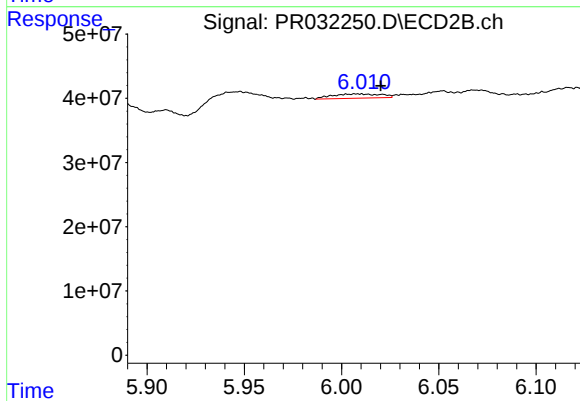
#35 AR-1260-5

R.T.: 7.167 min
Delta R.T.: -0.002 min
Response: 5800079
Conc: 1.42 ng/ml



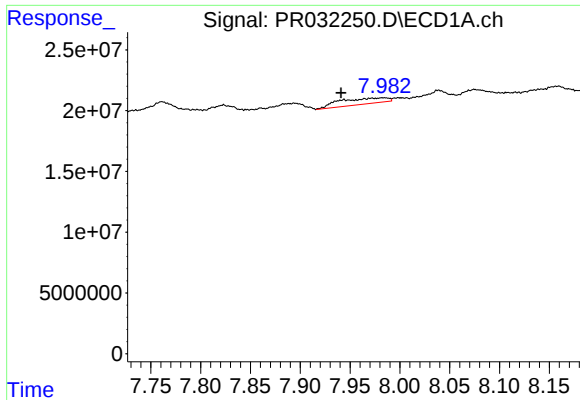
#36 AR-1262-1

R.T.: 7.173 min
Delta R.T.: 0.009 min
Response: 6889912
Conc: 9.07 ng/ml



#36 AR-1262-1

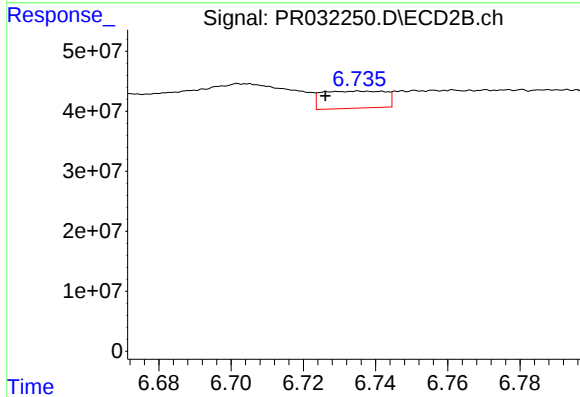
R.T.: 6.008 min
Delta R.T.: -0.012 min
Response: 11668097
Conc: 6.75 ng/ml



#37 AR-1262-2

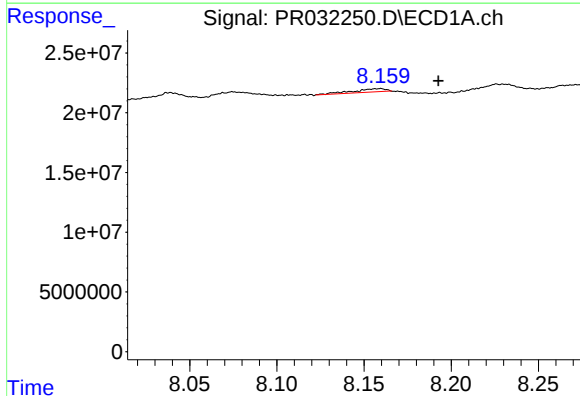
R.T.: 7.983 min
Delta R.T.: 0.042 min
Response: 16408860
Conc: 23.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



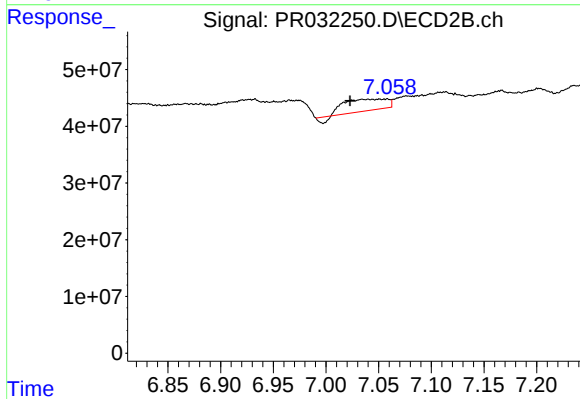
#37 AR-1262-2

R.T.: 6.736 min
Delta R.T.: 0.009 min
Response: 34688766
Conc: 24.40 ng/ml



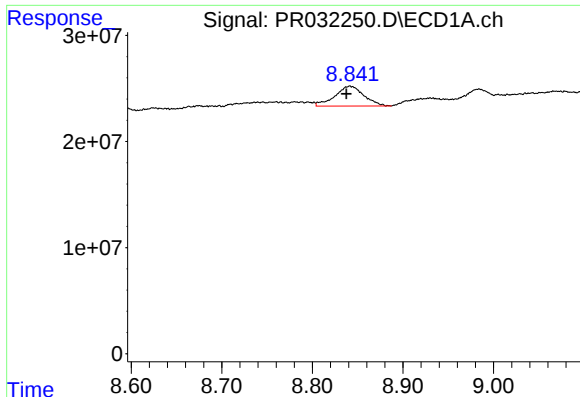
#38 AR-1262-3

R.T.: 8.159 min
Delta R.T.: -0.034 min
Response: 3811880
Conc: 6.27 ng/ml



#38 AR-1262-3

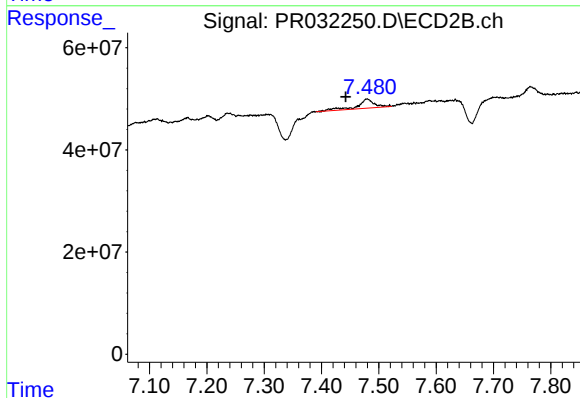
R.T.: 7.051 min
Delta R.T.: 0.028 min
Response: 54789816
Conc: 53.88 ng/ml



#39 AR-1262-4

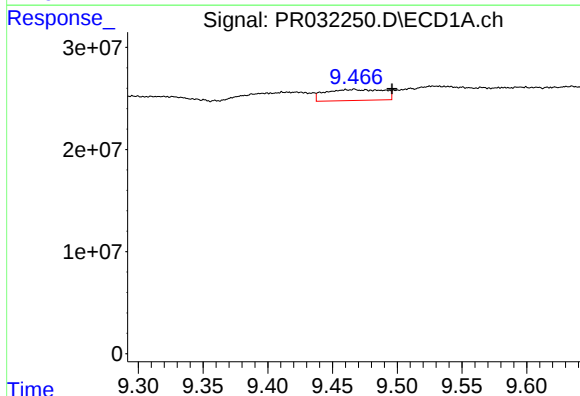
R.T.: 8.841 min
Delta R.T.: 0.004 min
Response: 41482146
Conc: 22.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



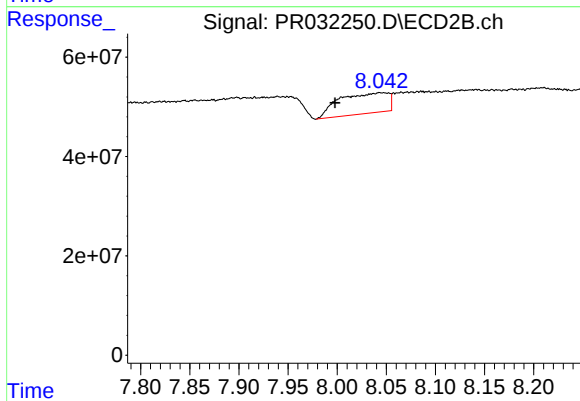
#39 AR-1262-4

R.T.: 7.480 min
Delta R.T.: 0.037 min
Response: 36598245
Conc: 21.63 ng/ml



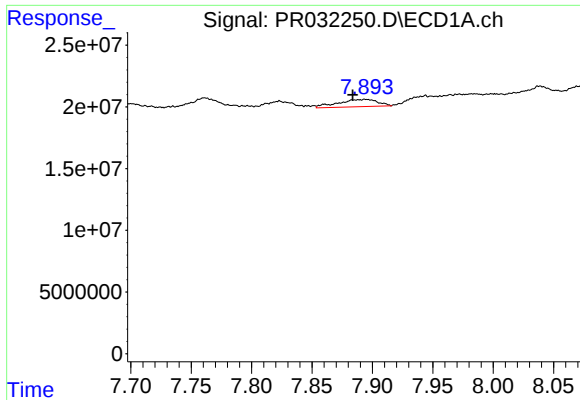
#40 AR-1262-5

R.T.: 9.475 min
Delta R.T.: -0.021 min
Response: 33591011
Conc: 24.80 ng/ml



#40 AR-1262-5

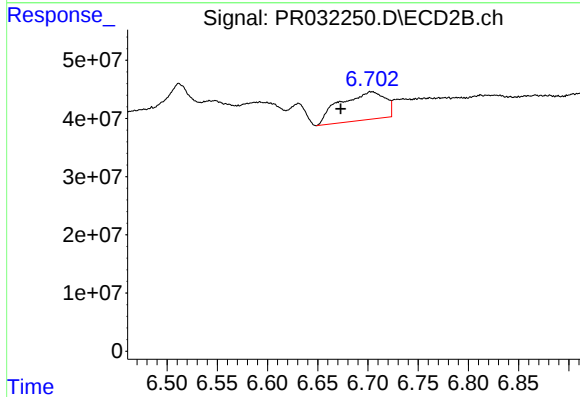
R.T.: 8.046 min
Delta R.T.: 0.048 min
Response: 145497630
Conc: 137.99 ng/ml



#41 AR-1268-1

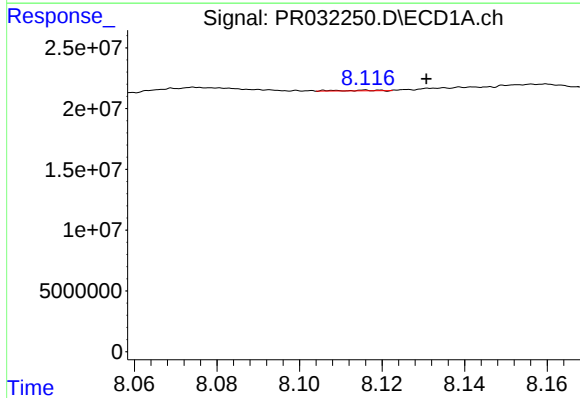
R.T.: 7.894 min
Delta R.T.: 0.011 min
Response: 13315673
Conc: 18.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



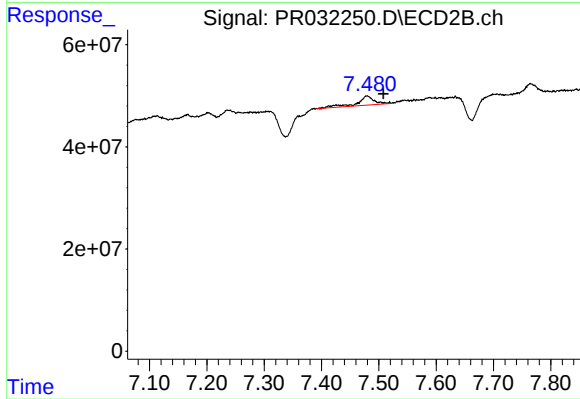
#41 AR-1268-1

R.T.: 6.703 min
Delta R.T.: 0.031 min
Response: 149861989
Conc: 106.98 ng/ml



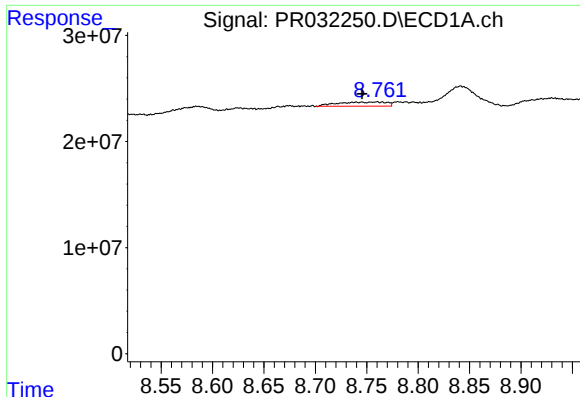
#42 AR-1268-2

R.T.: 8.108 min
Delta R.T.: -0.023 min
Response: 259379
Conc: 0.28 ng/ml



#42 AR-1268-2

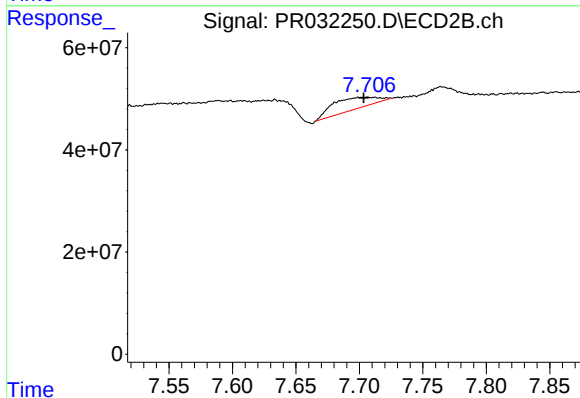
R.T.: 7.480 min
Delta R.T.: -0.029 min
Response: 36598245
Conc: 6.11 ng/ml



#43 AR-1268-3

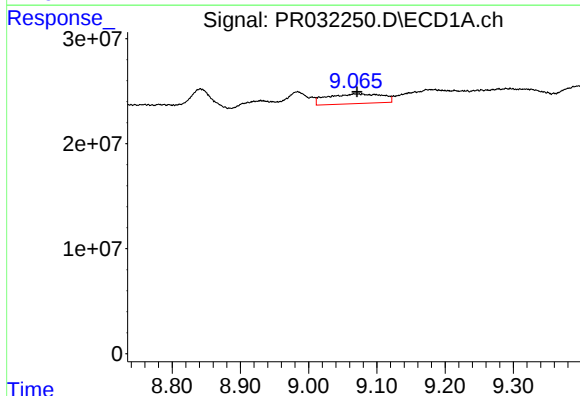
R.T.: 8.765 min
Delta R.T.: 0.020 min
Response: 13024689
Conc: 3.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



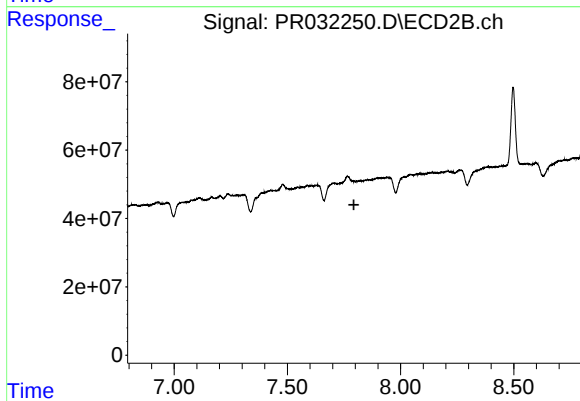
#43 AR-1268-3

R.T.: 7.712 min
Delta R.T.: 0.008 min
Response: 55208208
Conc: 19.63 ng/ml



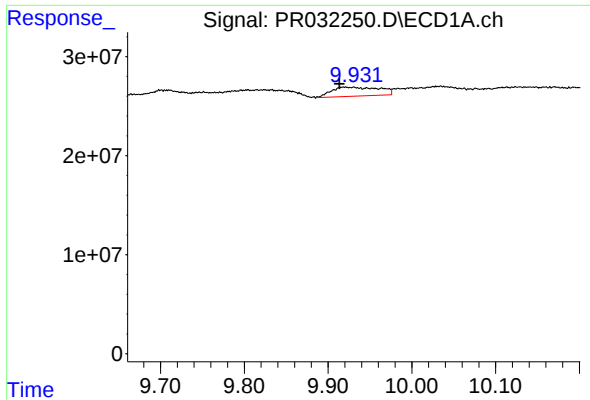
#44 AR-1268-4

R.T.: 9.069 min
Delta R.T.: -0.002 min
Response: 52113391
Conc: 15.19 ng/ml



#44 AR-1268-4

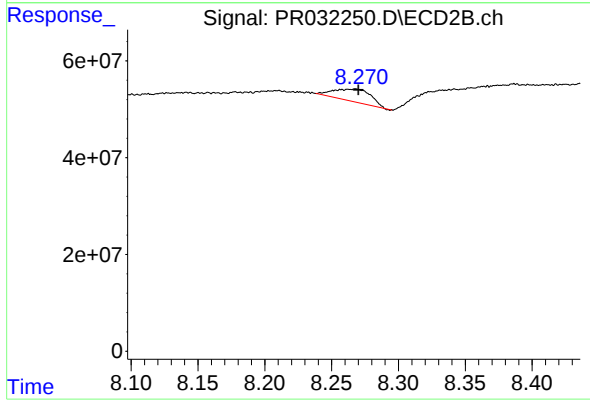
R.T.: 7.794 min
Delta R.T.: 0.000 min
Response: -2651033
Conc: N.D.



#45 AR-1268-5

R.T.: 9.920 min
Delta R.T.: 0.006 min
Response: 36401014
Conc: 3.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.267 min
Delta R.T.: -0.003 min
Response: 50366795
Conc: 6.97 ng/ml