

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092118\
 Data File : PR032182.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Sep 2018 10:23
 Operator : SM\SJ
 Sample : J4975-01RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 12:13:10 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...	4.523	3.640	379.7E6	704.4E6	19.101	16.834
2)	SA Decachlor...	10.274	8.506	341.5E6	287.2E6	11.660	12.771
Target Compounds							
3)	L1 AR-1016-1	5.217	4.266	845333	804428	1.626	0.695 #
4)	L1 AR-1016-2	5.425	4.706	3330	4378698	0.006	2.546 #
5)	L1 AR-1016-3	5.659	4.706	1281171	4378698	1.568	1.385
6)	L1 AR-1016-4	5.740	4.761	3401580	8689092	4.751	4.854
7)	L1 AR-1016-5	6.161	5.125	3254508	14726204	5.331	8.734 #
8)	L2 AR-1221-1	4.736	3.883	155670	4076304	0.581	7.672 #
9)	L2 AR-1221-2	4.800	3.933	434156	12674399	2.123	31.570 #
10)	L2 AR-1221-3	4.885	3.999	1902835	7160941	3.051	5.714 #
11)	L3 AR-1232-1	5.702	4.476	6773560	85918332	14.025	149.650 #
12)	L3 AR-1232-2	5.865	4.587	4169313	50920889	16.802	264.520 #
13)	L3 AR-1232-3	6.038	4.989	25625766	15115564	226.912	27.430 #
14)	L3 AR-1232-4	6.358	5.230	11139391	30786519	147.667	43.764 #
15)	L3 AR-1232-5	7.177	5.856	2494011	25897717	38.259	312.852 #
16)	L4 AR-1242-1	5.250	4.324	830451	14405337	3.713	26.759 #
17)	L4 AR-1242-2	6.005	4.917	1385904	8416706	3.314	7.501 #
18)	L4 AR-1242-3	6.206	4.989	1562962	15115564	7.125	38.046 #
19)	L4 AR-1242-4	6.228	5.343	3658810	798787	21.656	2.145 #
20)	L4 AR-1242-5	6.301	5.730	6678477	6512234	12.053	7.776 #
21)	L5 AR-1248-1	5.960	4.917	2933925	8416706	2.343	2.949 #
22)	L5 AR-1248-2	6.535	5.491	212.6E6	161.0E6	163.177	28.184 #
23)	L5 AR-1248-3	6.535	5.491	212.6E6	161.0E6	119.879	37.105 #
24)	L5 AR-1248-4	6.618	5.673	34394720	38736982	20.316	9.788 #
25)	L5 AR-1248-5	6.786	6.014	2578514	61435320	2.306	24.280 #
26)	L6 AR-1254-1	6.751	5.609	6668269	17980781	4.412	5.749 #
27)	L6 AR-1254-2	7.017	5.905	17720064	2926485	18.006	1.885 #
28)	L6 AR-1254-3	7.124	6.229	68664707	32283480	38.535	10.019 #
29)	L6 AR-1254-4	7.402	6.545	17176594	44084545	12.234	23.415 #
30)	L6 AR-1254-5	7.674	6.620	5813972	91543253	6.075	41.574 #
31)	L7 AR-1260-1	7.282	6.158	5854725	29102413	4.481	8.786 #
32)	L7 AR-1260-2	7.528	6.322	5241150	169.9E6	3.166	41.579 #
33)	L7 AR-1260-3	7.822	6.467	16906399	10469463	8.814	3.198 #
34)	L7 AR-1260-4	8.118	6.925	3673201	39786314	2.661	19.841 #
35)	L7 AR-1260-5	8.444	7.166	3705486	6525056	1.211	1.598 #
36)	L8 AR-1262-1	7.177	6.014	2494011	61435320	3.283	35.518 #
37)	L8 AR-1262-2	7.957	6.720	5090047	85668583	7.195	60.253 #
38)	L8 AR-1262-3	8.207	7.080	681615	94898528	1.121	93.315 #
39)	L8 AR-1262-4	8.826	7.442	570292	19227900	0.315	11.364 #
40)	L8 AR-1262-5	9.492	8.045	1613208	94358857	1.191	89.488 #
41)	L9 AR-1268-1	7.898	6.674	10205079	33171145	14.411	23.680 #

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 ALS Vial : 4 Sample Multiplier: 1

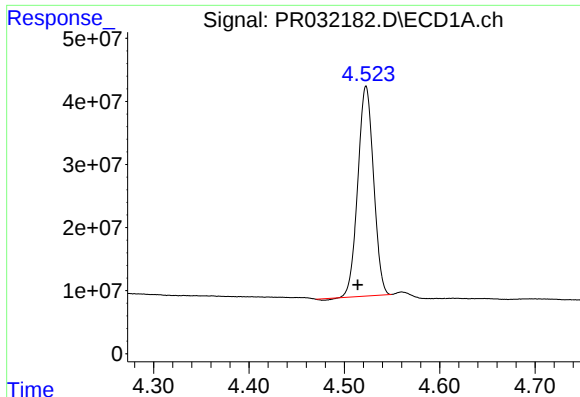
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 12:13:10 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091818.M
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 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	8.118	7.488	3673201	11313135	3.973	1.887 #
43) L9	AR-1268-3	8.771	7.713	5016452	41511623	1.177	14.757 #
44) L9	AR-1268-4	9.086	7.803	8540065	307144	2.489	0.384 #
45) L9	AR-1268-5	9.943	8.269	10357882	48521539	1.017	6.716 #

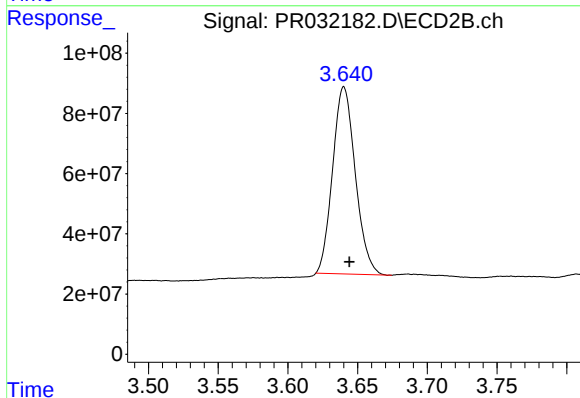
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

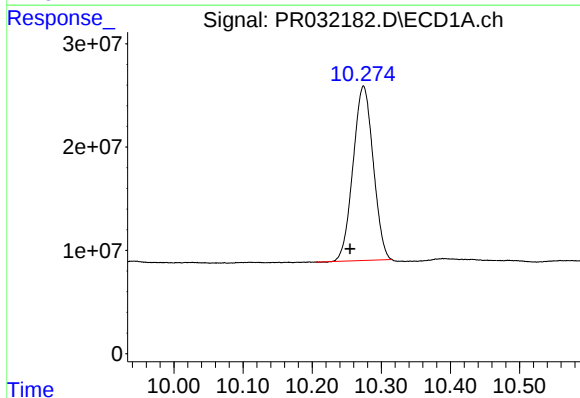
R.T.: 4.523 min
Delta R.T.: 0.009 min
Response: 379740034
Conc: 19.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



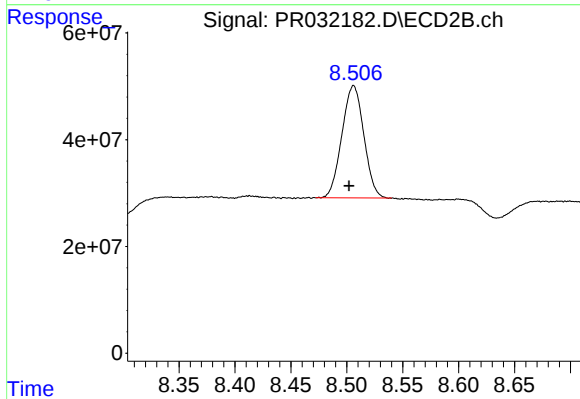
#1 Tetrachloro-m-xylene

R.T.: 3.640 min
Delta R.T.: -0.004 min
Response: 704439020
Conc: 16.83 ng/ml



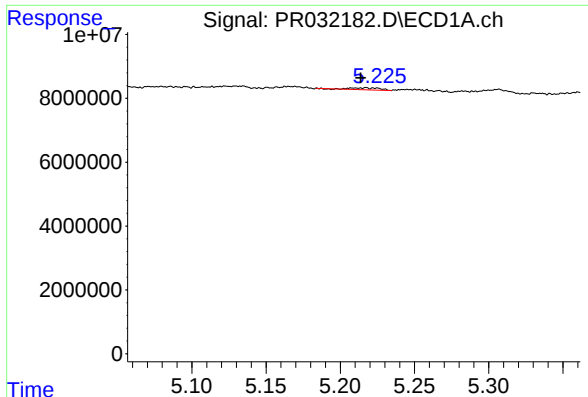
#2 Decachlorobiphenyl

R.T.: 10.274 min
Delta R.T.: 0.020 min
Response: 341549800
Conc: 11.66 ng/ml



#2 Decachlorobiphenyl

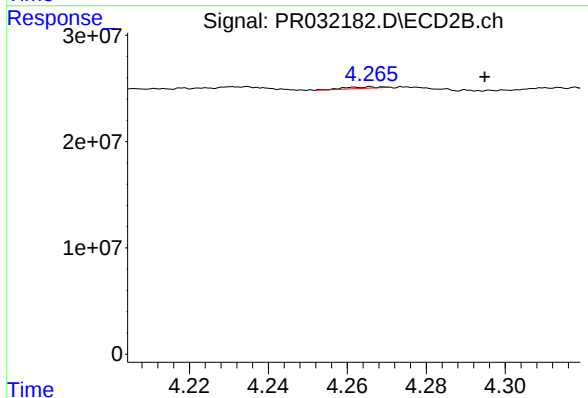
R.T.: 8.506 min
Delta R.T.: 0.004 min
Response: 287173784
Conc: 12.77 ng/ml



#3 AR-1016-1

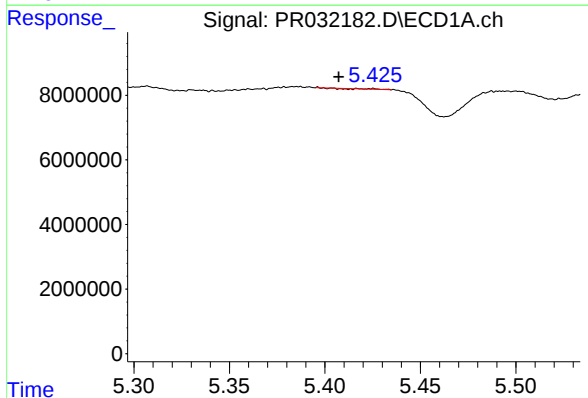
R.T.: 5.217 min
Delta R.T.: 0.003 min
Response: 845333
Conc: 1.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



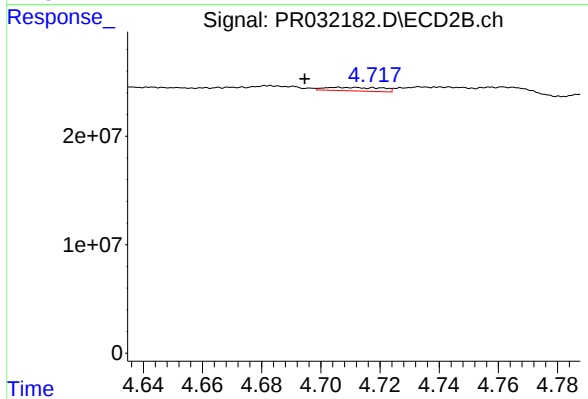
#3 AR-1016-1

R.T.: 4.266 min
Delta R.T.: -0.028 min
Response: 804428
Conc: 0.70 ng/ml



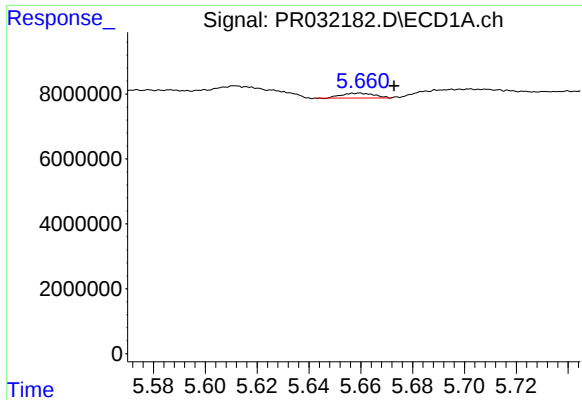
#4 AR-1016-2

R.T.: 5.425 min
Delta R.T.: 0.018 min
Response: 3330
Conc: 0.01 ng/ml



#4 AR-1016-2

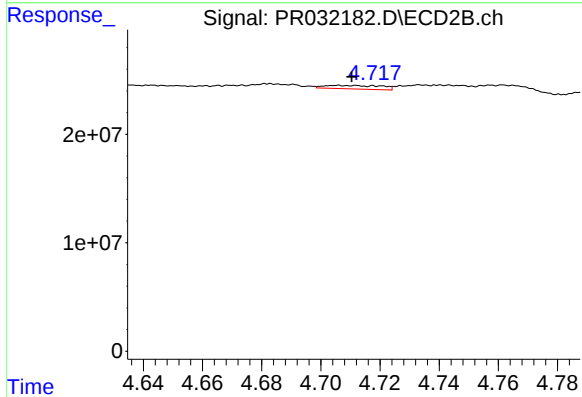
R.T.: 4.706 min
Delta R.T.: 0.011 min
Response: 4378698
Conc: 2.55 ng/ml



#5 AR-1016-3

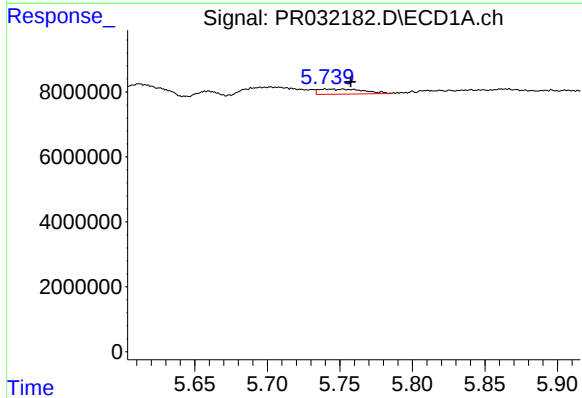
R.T.: 5.659 min
Delta R.T.: -0.014 min
Response: 1281171
Conc: 1.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



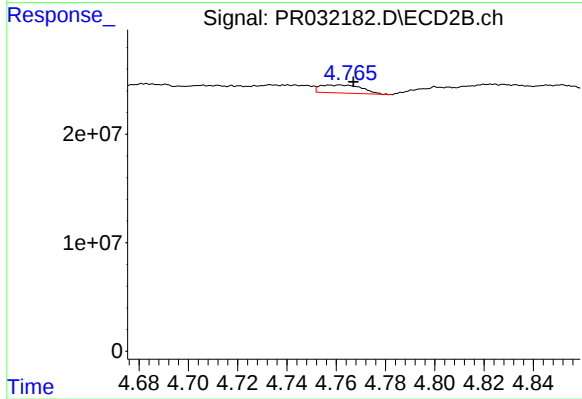
#5 AR-1016-3

R.T.: 4.706 min
Delta R.T.: -0.005 min
Response: 4378698
Conc: 1.39 ng/ml



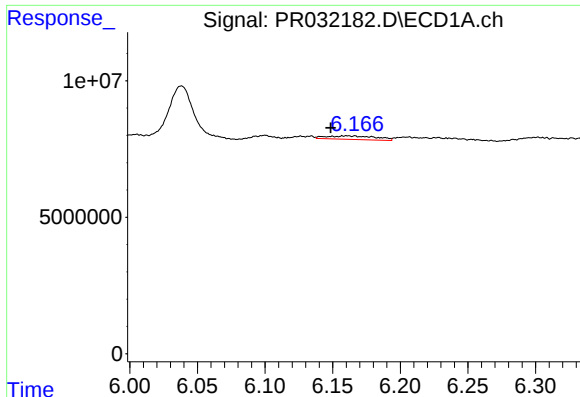
#6 AR-1016-4

R.T.: 5.740 min
Delta R.T.: -0.017 min
Response: 3401580
Conc: 4.75 ng/ml



#6 AR-1016-4

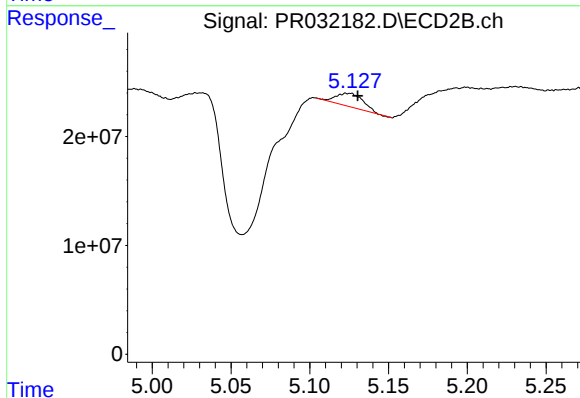
R.T.: 4.761 min
Delta R.T.: -0.006 min
Response: 8689092
Conc: 4.85 ng/ml



#7 AR-1016-5

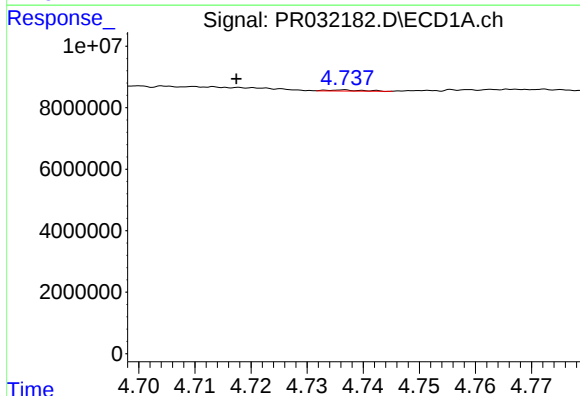
R.T.: 6.161 min
Delta R.T.: 0.012 min
Response: 3254508
Conc: 5.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



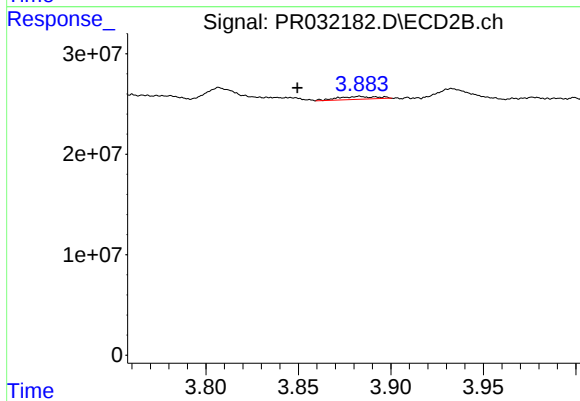
#7 AR-1016-5

R.T.: 5.125 min
Delta R.T.: -0.006 min
Response: 14726204
Conc: 8.73 ng/ml



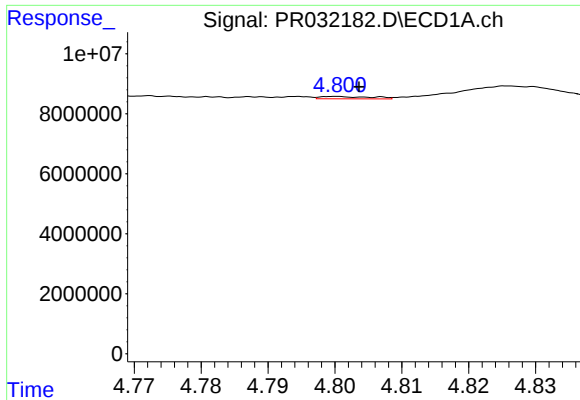
#8 AR-1221-1

R.T.: 4.736 min
Delta R.T.: 0.019 min
Response: 155670
Conc: 0.58 ng/ml



#8 AR-1221-1

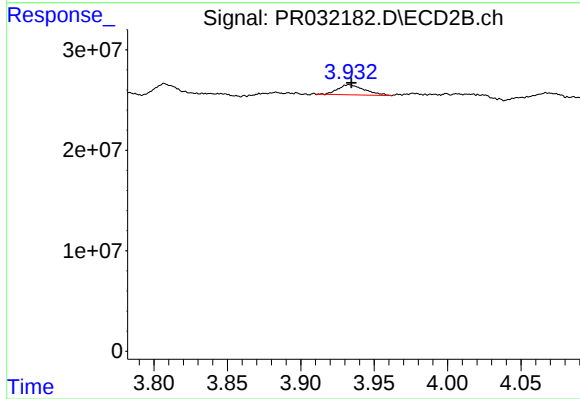
R.T.: 3.883 min
Delta R.T.: 0.034 min
Response: 4076304
Conc: 7.67 ng/ml



#9 AR-1221-2

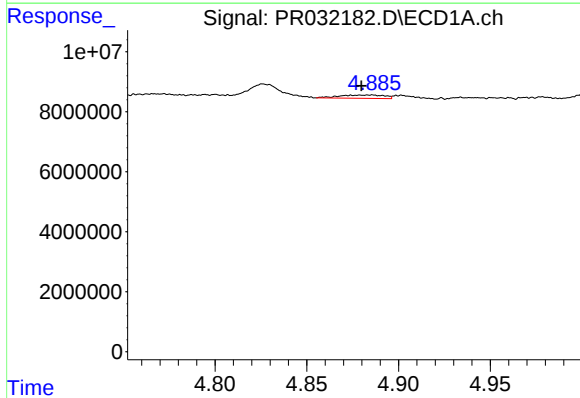
R.T.: 4.800 min
Delta R.T.: -0.004 min
Response: 434156
Conc: 2.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



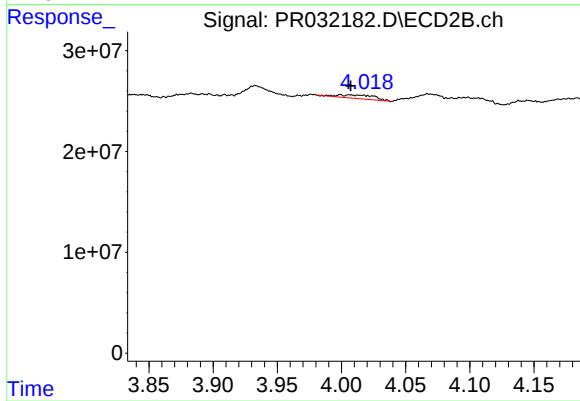
#9 AR-1221-2

R.T.: 3.933 min
Delta R.T.: -0.002 min
Response: 12674399
Conc: 31.57 ng/ml



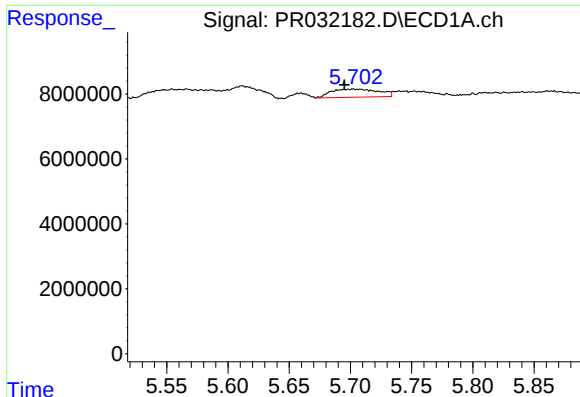
#10 AR-1221-3

R.T.: 4.885 min
Delta R.T.: 0.006 min
Response: 1902835
Conc: 3.05 ng/ml



#10 AR-1221-3

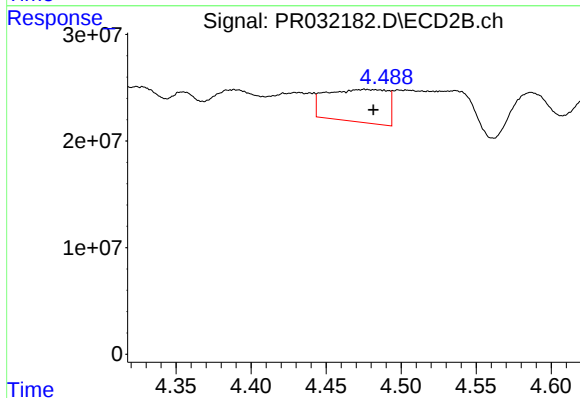
R.T.: 3.999 min
Delta R.T.: -0.008 min
Response: 7160941
Conc: 5.71 ng/ml



#11 AR-1232-1

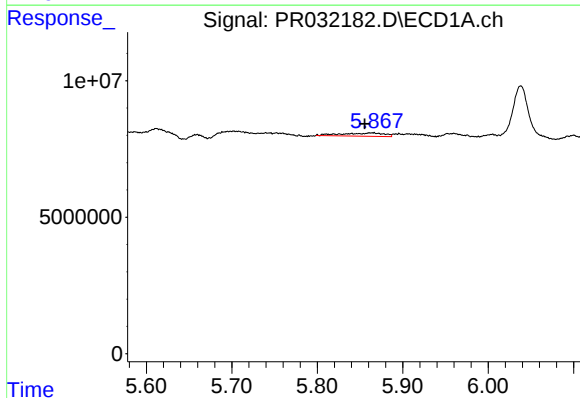
R.T.: 5.702 min
Delta R.T.: 0.007 min
Response: 6773560
Conc: 14.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



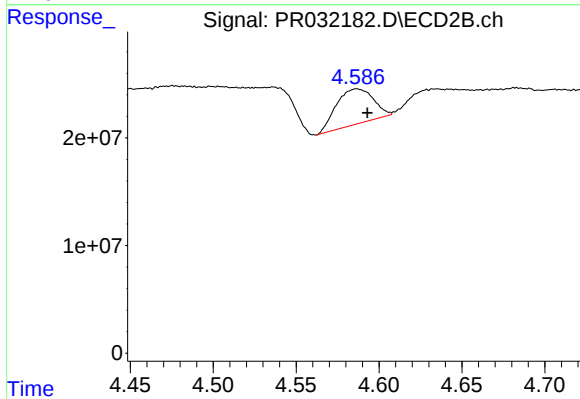
#11 AR-1232-1

R.T.: 4.476 min
Delta R.T.: -0.006 min
Response: 85918332
Conc: 149.65 ng/ml



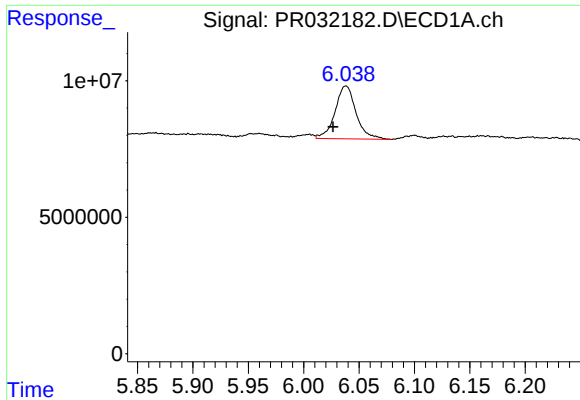
#12 AR-1232-2

R.T.: 5.865 min
Delta R.T.: 0.009 min
Response: 4169313
Conc: 16.80 ng/ml



#12 AR-1232-2

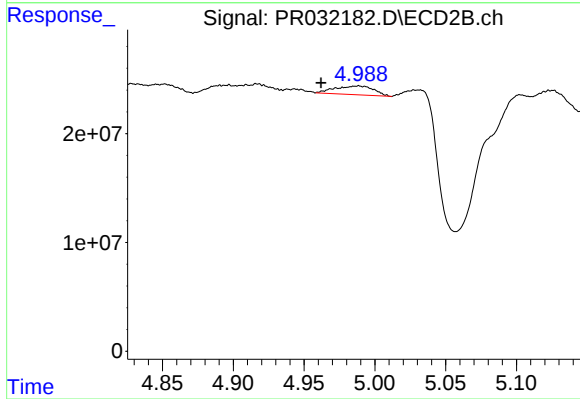
R.T.: 4.587 min
Delta R.T.: -0.006 min
Response: 50920889
Conc: 264.52 ng/ml



#13 AR-1232-3

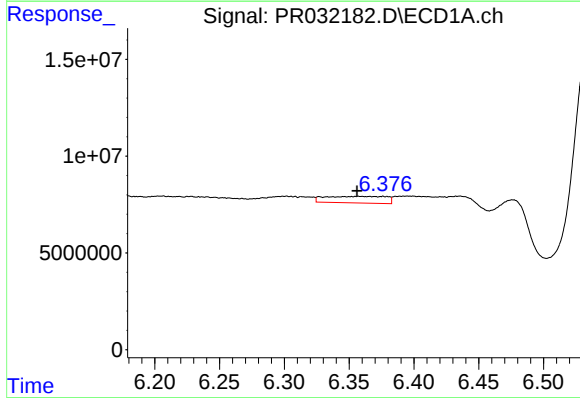
R.T.: 6.038 min
Delta R.T.: 0.012 min
Response: 25625766
Conc: 226.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



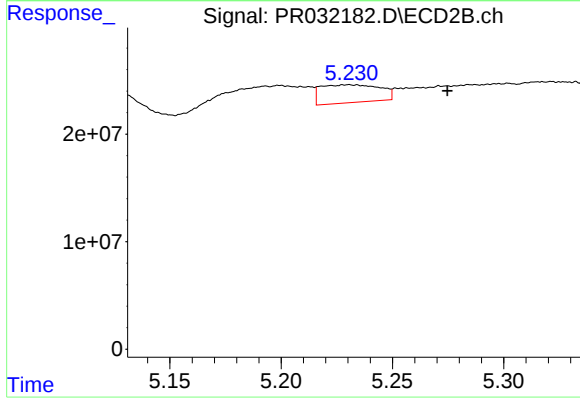
#13 AR-1232-3

R.T.: 4.989 min
Delta R.T.: 0.027 min
Response: 15115564
Conc: 27.43 ng/ml



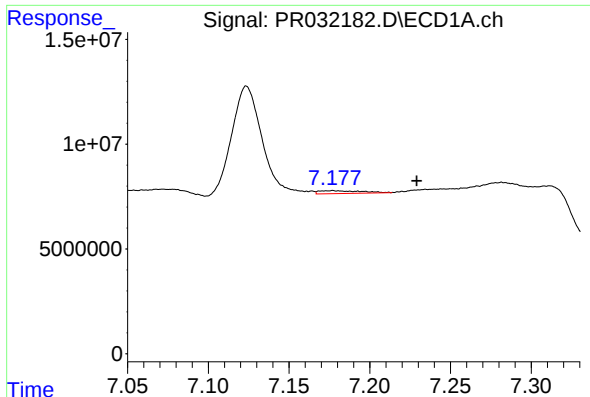
#14 AR-1232-4

R.T.: 6.358 min
Delta R.T.: 0.001 min
Response: 11139391
Conc: 147.67 ng/ml



#14 AR-1232-4

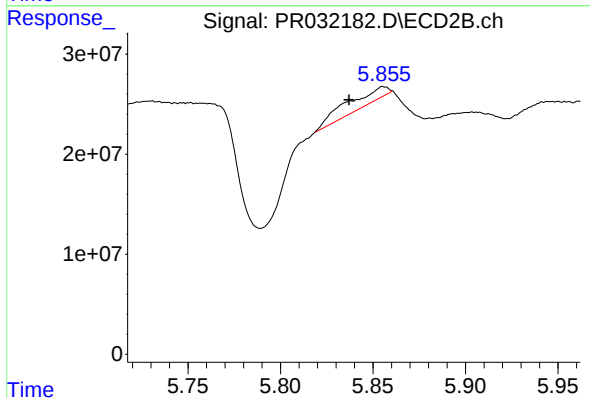
R.T.: 5.230 min
Delta R.T.: -0.045 min
Response: 30786519
Conc: 43.76 ng/ml



#15 AR-1232-5

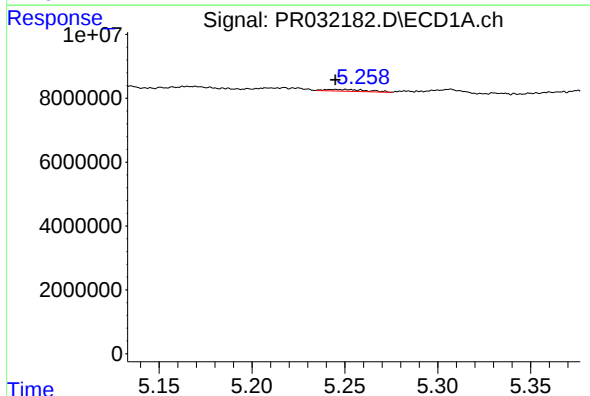
R.T.: 7.177 min
Delta R.T.: -0.052 min
Response: 2494011
Conc: 38.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



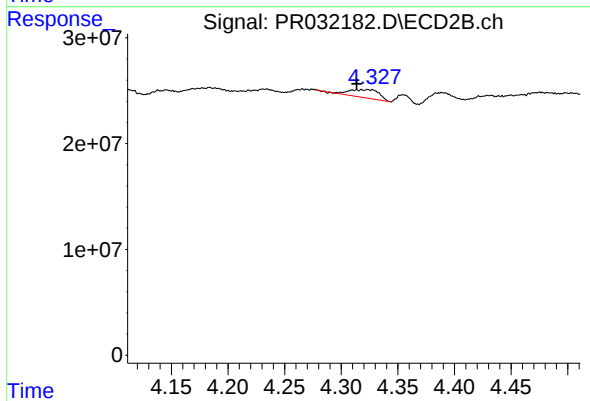
#15 AR-1232-5

R.T.: 5.856 min
Delta R.T.: 0.019 min
Response: 25897717
Conc: 312.85 ng/ml



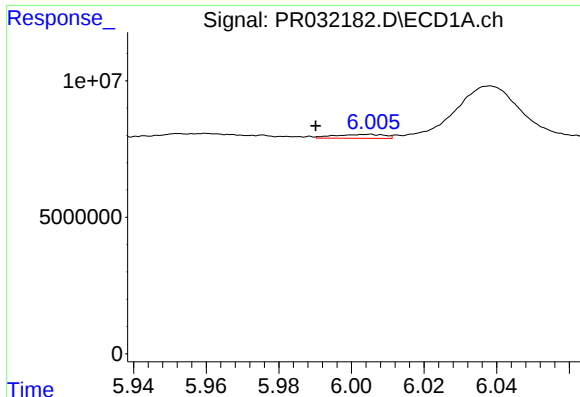
#16 AR-1242-1

R.T.: 5.250 min
Delta R.T.: 0.006 min
Response: 830451
Conc: 3.71 ng/ml



#16 AR-1242-1

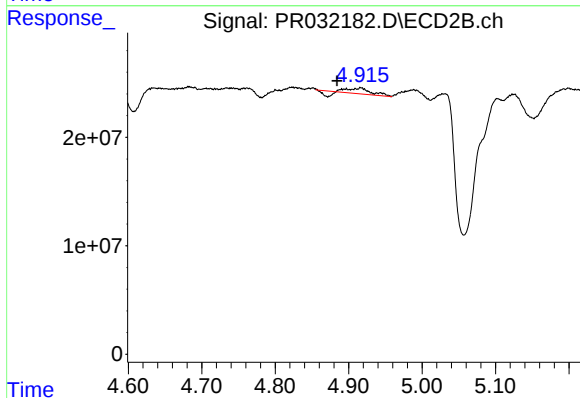
R.T.: 4.324 min
Delta R.T.: 0.010 min
Response: 14405337
Conc: 26.76 ng/ml



#17 AR-1242-2

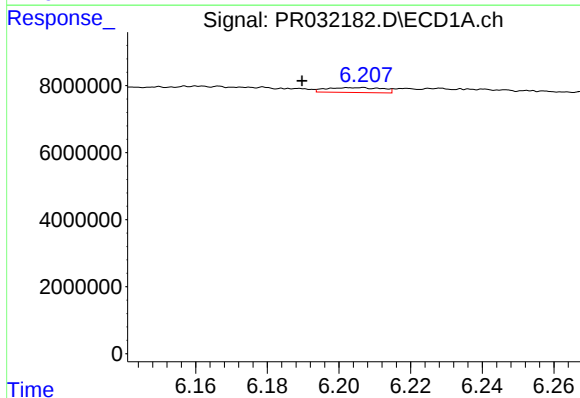
R.T.: 6.005 min
Delta R.T.: 0.015 min
Response: 1385904
Conc: 3.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



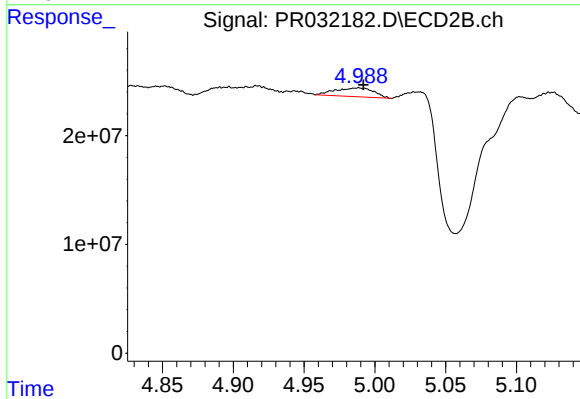
#17 AR-1242-2

R.T.: 4.917 min
Delta R.T.: 0.032 min
Response: 8416706
Conc: 7.50 ng/ml



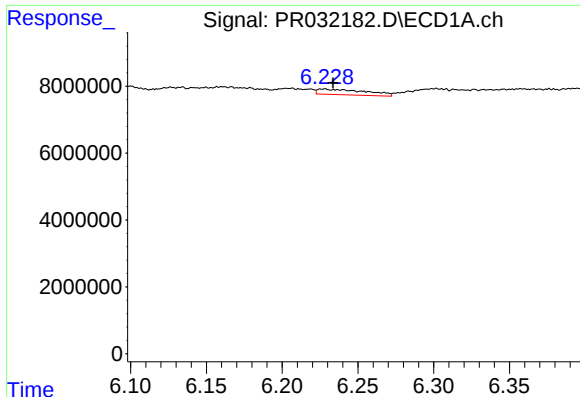
#18 AR-1242-3

R.T.: 6.206 min
Delta R.T.: 0.016 min
Response: 1562962
Conc: 7.13 ng/ml



#18 AR-1242-3

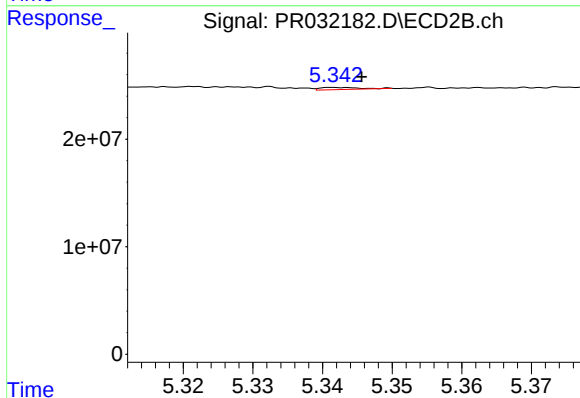
R.T.: 4.989 min
Delta R.T.: -0.003 min
Response: 15115564
Conc: 38.05 ng/ml



#19 AR-1242-4

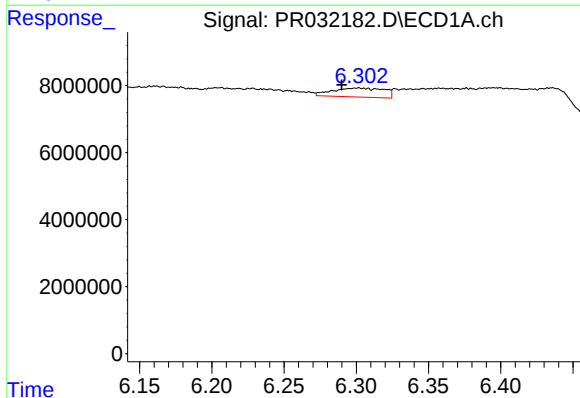
R.T.: 6.228 min
Delta R.T.: -0.006 min
Response: 3658810
Conc: 21.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



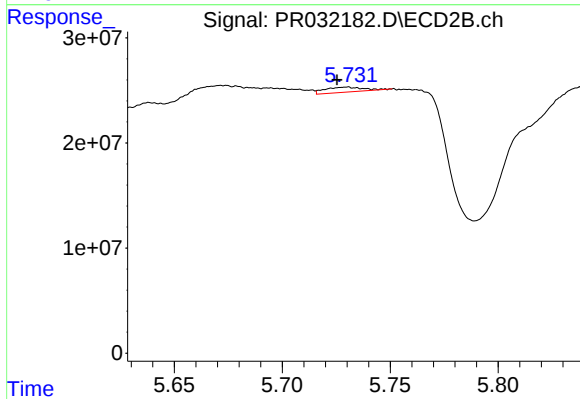
#19 AR-1242-4

R.T.: 5.343 min
Delta R.T.: -0.003 min
Response: 798787
Conc: 2.15 ng/ml



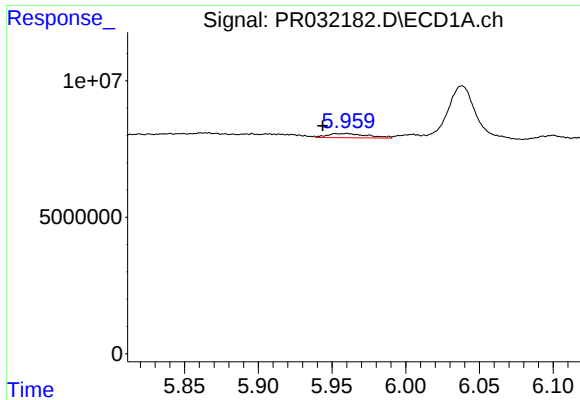
#20 AR-1242-5

R.T.: 6.301 min
Delta R.T.: 0.011 min
Response: 6678477
Conc: 12.05 ng/ml



#20 AR-1242-5

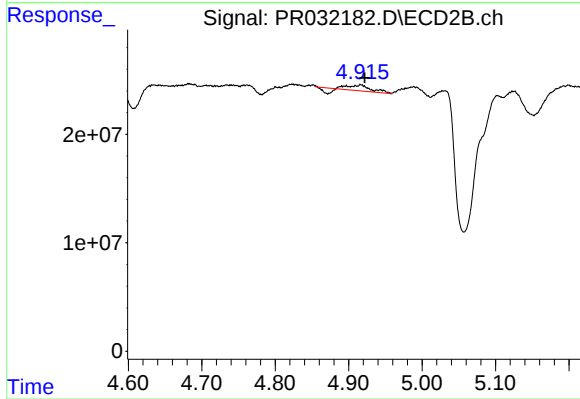
R.T.: 5.730 min
Delta R.T.: 0.004 min
Response: 6512234
Conc: 7.78 ng/ml



#21 AR-1248-1

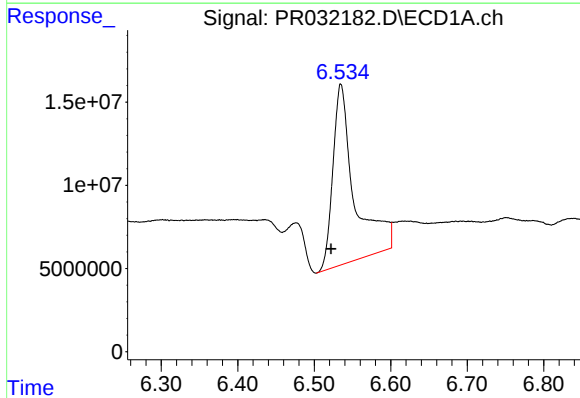
R.T.: 5.960 min
Delta R.T.: 0.016 min
Response: 2933925
Conc: 2.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



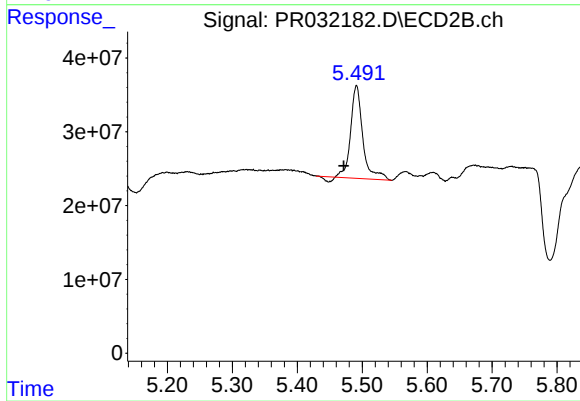
#21 AR-1248-1

R.T.: 4.917 min
Delta R.T.: -0.005 min
Response: 8416706
Conc: 2.95 ng/ml



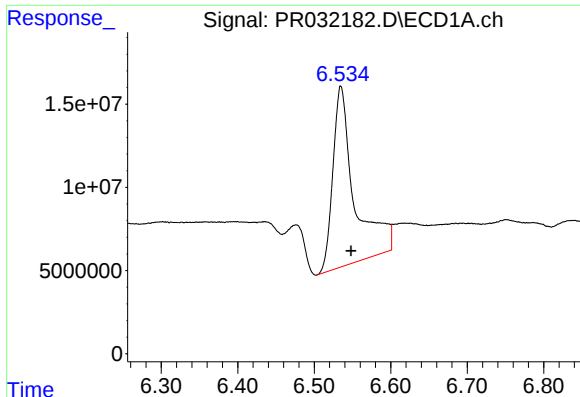
#22 AR-1248-2

R.T.: 6.535 min
Delta R.T.: 0.013 min
Response: 212605272
Conc: 163.18 ng/ml



#22 AR-1248-2

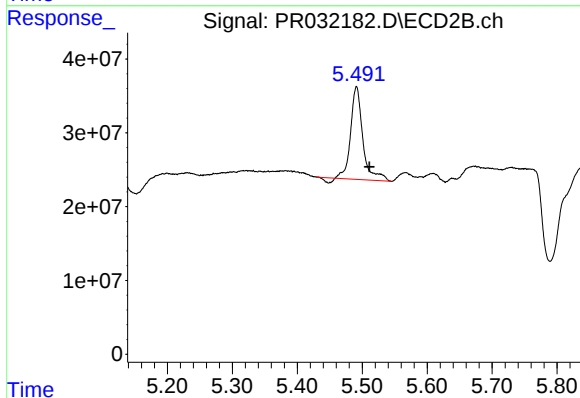
R.T.: 5.491 min
Delta R.T.: 0.020 min
Response: 160979351
Conc: 28.18 ng/ml



#23 AR-1248-3

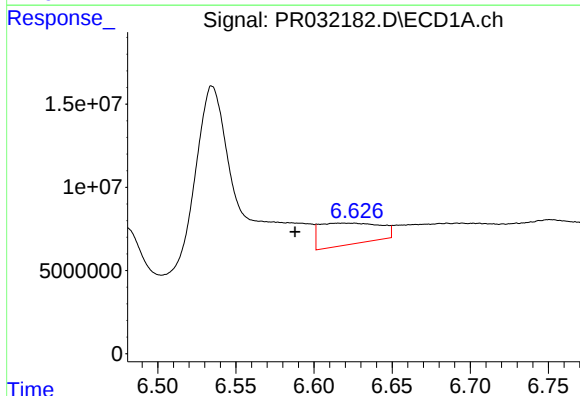
R.T.: 6.535 min
Delta R.T.: -0.013 min
Response: 212605272
Conc: 119.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



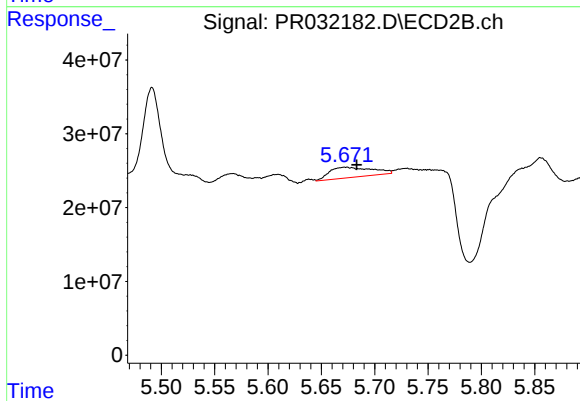
#23 AR-1248-3

R.T.: 5.491 min
Delta R.T.: -0.020 min
Response: 160979351
Conc: 37.10 ng/ml



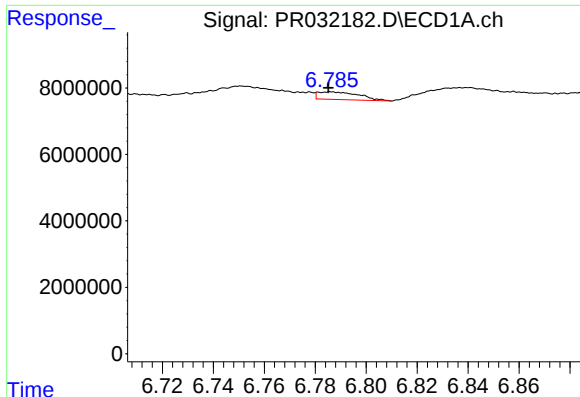
#24 AR-1248-4

R.T.: 6.618 min
Delta R.T.: 0.031 min
Response: 34394720
Conc: 20.32 ng/ml



#24 AR-1248-4

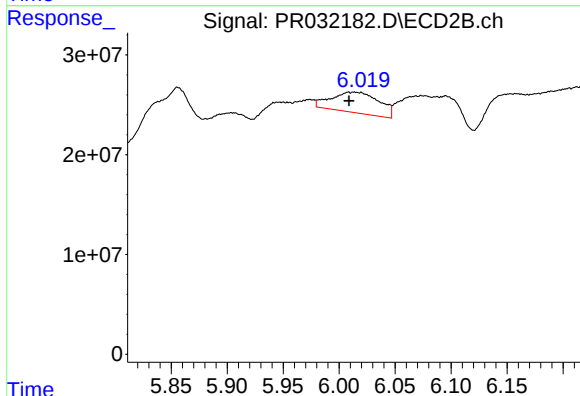
R.T.: 5.673 min
Delta R.T.: -0.011 min
Response: 38736982
Conc: 9.79 ng/ml



#25 AR-1248-5

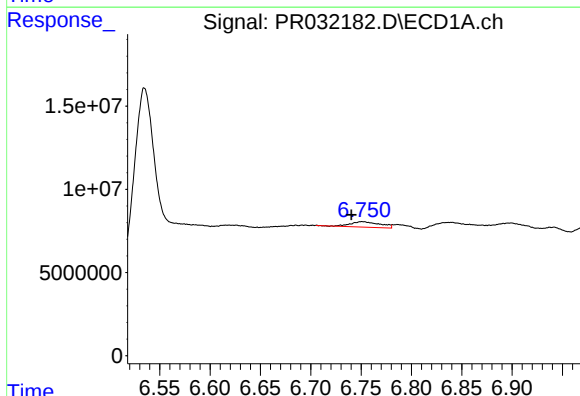
R.T.: 6.786 min
Delta R.T.: 0.000 min
Response: 2578514
Conc: 2.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



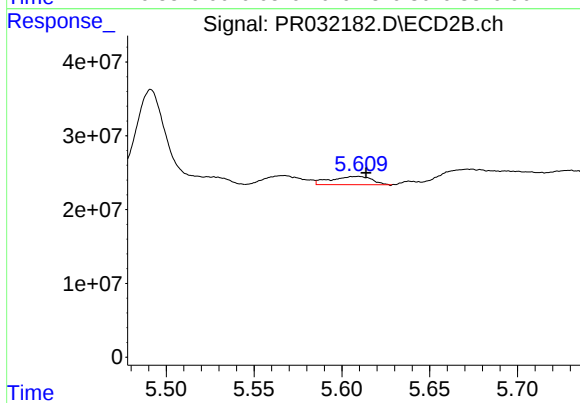
#25 AR-1248-5

R.T.: 6.014 min
Delta R.T.: 0.005 min
Response: 61435320
Conc: 24.28 ng/ml



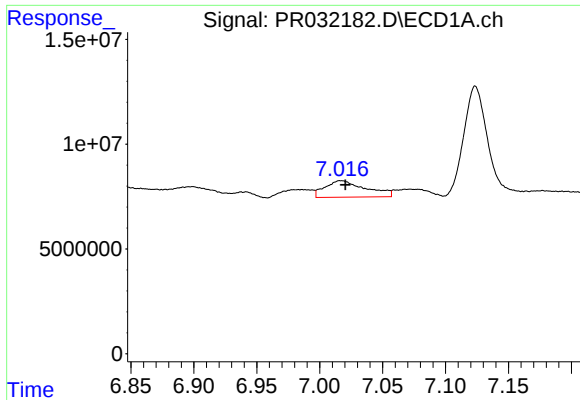
#26 AR-1254-1

R.T.: 6.751 min
Delta R.T.: 0.011 min
Response: 6668269
Conc: 4.41 ng/ml



#26 AR-1254-1

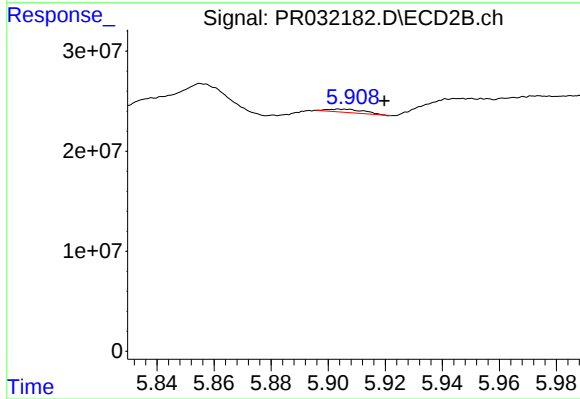
R.T.: 5.609 min
Delta R.T.: -0.005 min
Response: 17980781
Conc: 5.75 ng/ml



#27 AR-1254-2

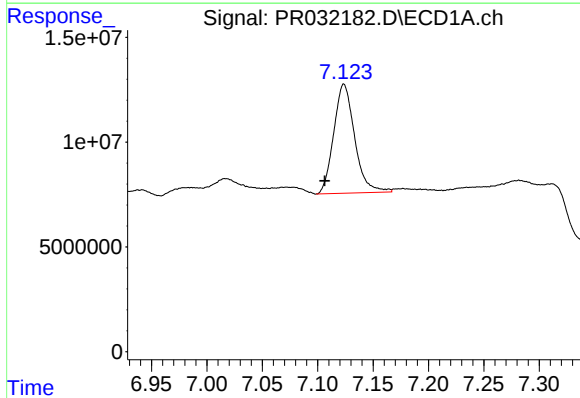
R.T.: 7.017 min
Delta R.T.: -0.004 min
Response: 17720064
Conc: 18.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



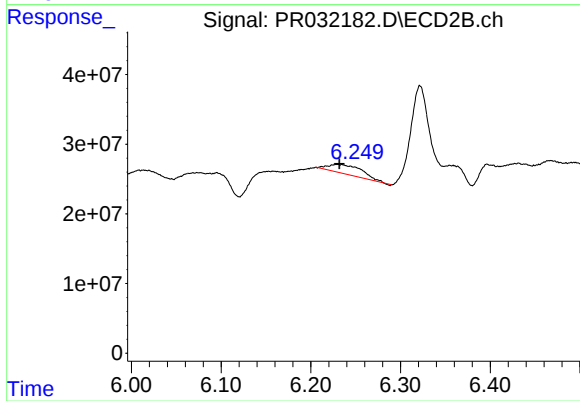
#27 AR-1254-2

R.T.: 5.905 min
Delta R.T.: -0.015 min
Response: 2926485
Conc: 1.88 ng/ml



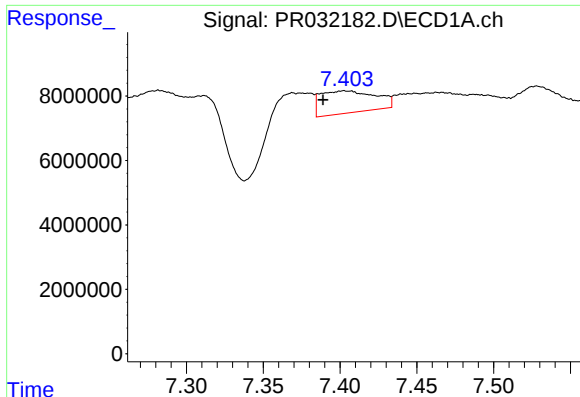
#28 AR-1254-3

R.T.: 7.124 min
Delta R.T.: 0.018 min
Response: 68664707
Conc: 38.53 ng/ml



#28 AR-1254-3

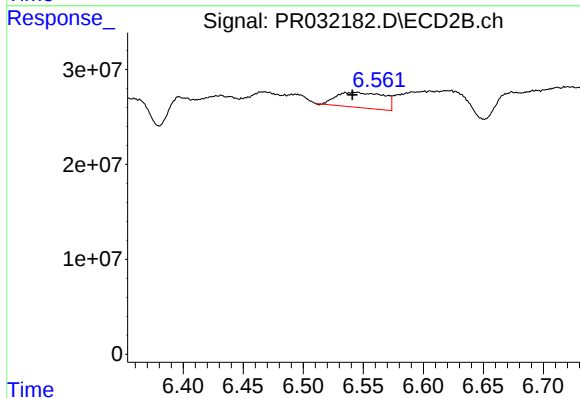
R.T.: 6.229 min
Delta R.T.: -0.002 min
Response: 32283480
Conc: 10.02 ng/ml



#29 AR-1254-4

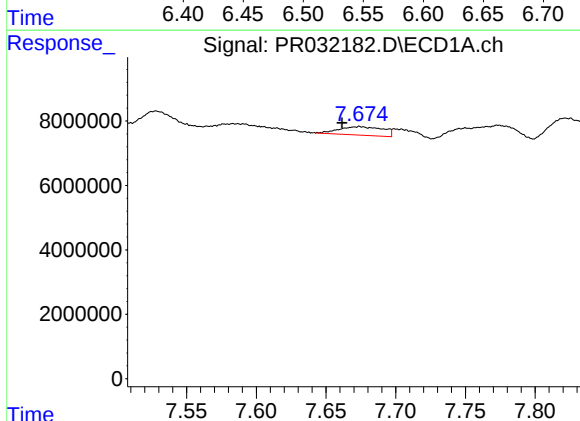
R.T.: 7.402 min
Delta R.T.: 0.014 min
Response: 17176594
Conc: 12.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



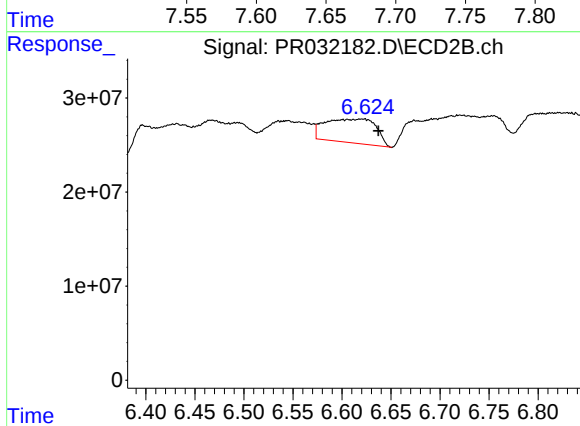
#29 AR-1254-4

R.T.: 6.545 min
Delta R.T.: 0.004 min
Response: 44084545
Conc: 23.41 ng/ml



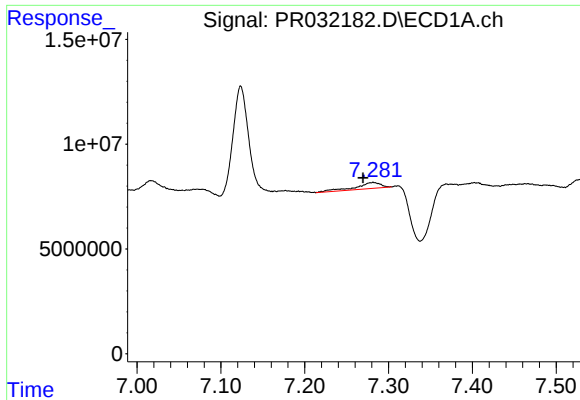
#30 AR-1254-5

R.T.: 7.674 min
Delta R.T.: 0.013 min
Response: 5813972
Conc: 6.08 ng/ml



#30 AR-1254-5

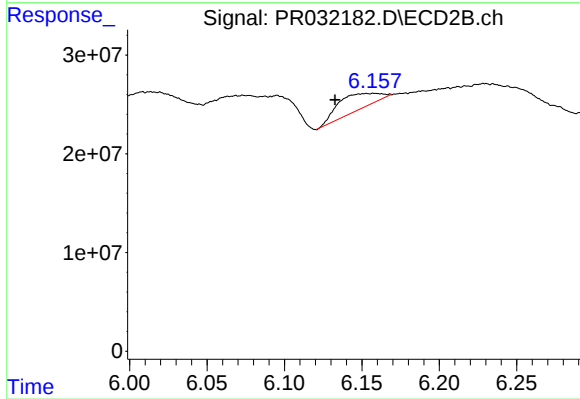
R.T.: 6.620 min
Delta R.T.: -0.018 min
Response: 91543253
Conc: 41.57 ng/ml



#31 AR-1260-1

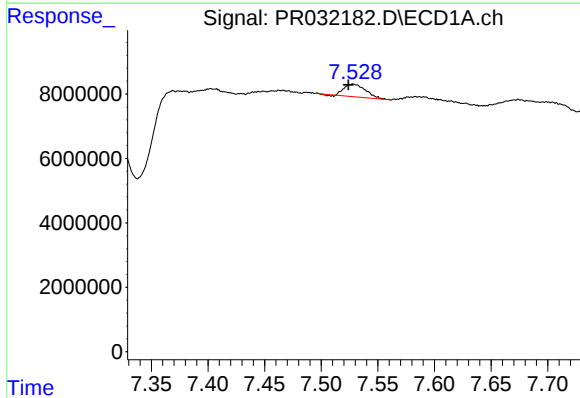
R.T.: 7.282 min
Delta R.T.: 0.012 min
Response: 5854725
Conc: 4.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



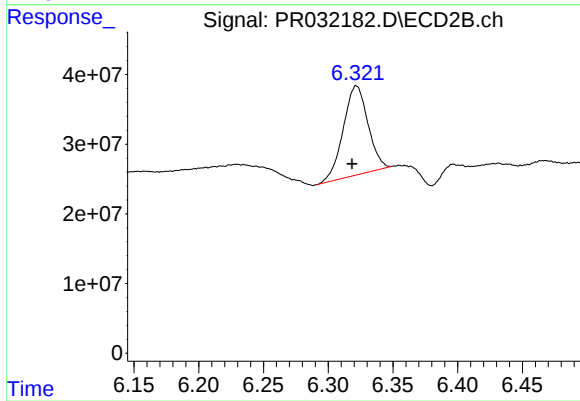
#31 AR-1260-1

R.T.: 6.158 min
Delta R.T.: 0.026 min
Response: 29102413
Conc: 8.79 ng/ml



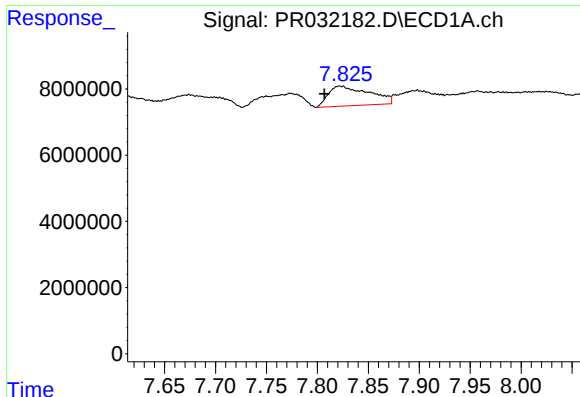
#32 AR-1260-2

R.T.: 7.528 min
Delta R.T.: 0.004 min
Response: 5241150
Conc: 3.17 ng/ml



#32 AR-1260-2

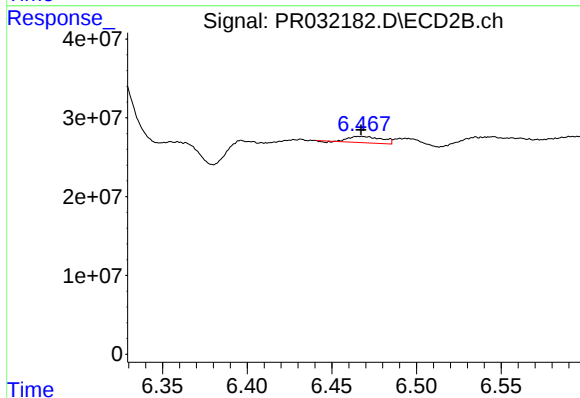
R.T.: 6.322 min
Delta R.T.: 0.003 min
Response: 169946341
Conc: 41.58 ng/ml



#33 AR-1260-3

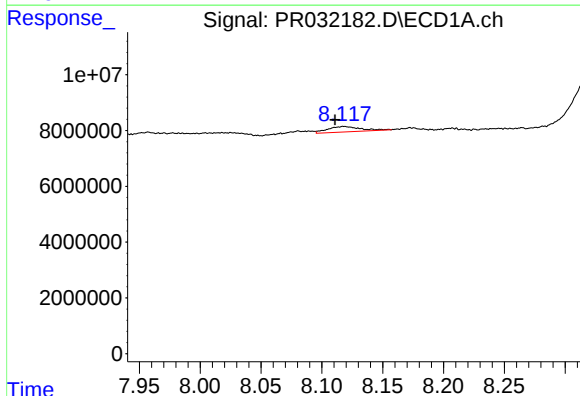
R.T.: 7.822 min
Delta R.T.: 0.015 min
Response: 16906399
Conc: 8.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



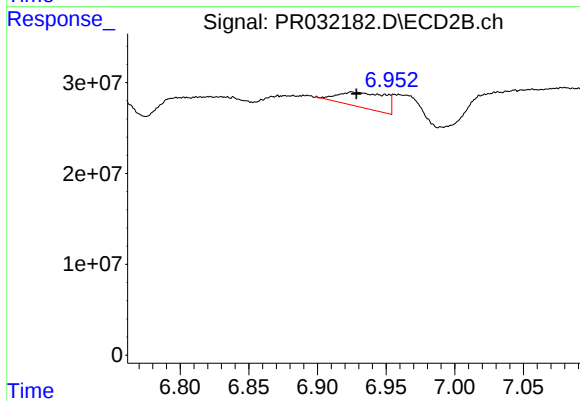
#33 AR-1260-3

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 10469463
Conc: 3.20 ng/ml



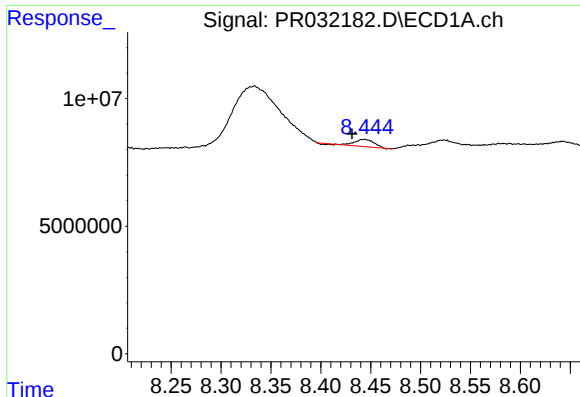
#34 AR-1260-4

R.T.: 8.118 min
Delta R.T.: 0.008 min
Response: 3673201
Conc: 2.66 ng/ml



#34 AR-1260-4

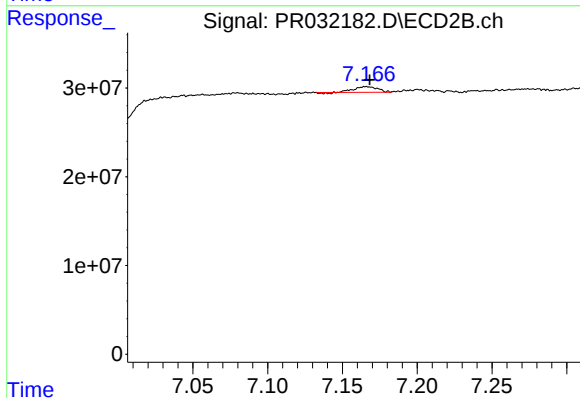
R.T.: 6.925 min
Delta R.T.: -0.003 min
Response: 39786314
Conc: 19.84 ng/ml



#35 AR-1260-5

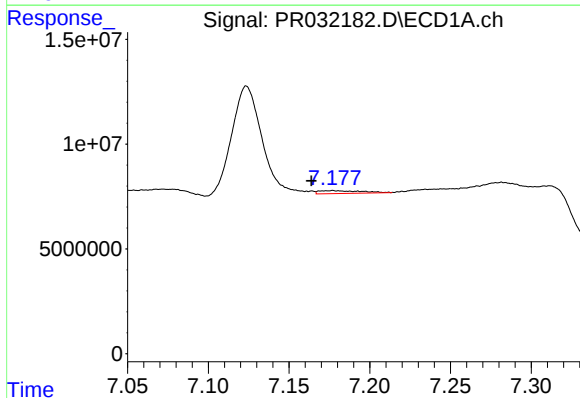
R.T.: 8.444 min
Delta R.T.: 0.013 min
Response: 3705486
Conc: 1.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



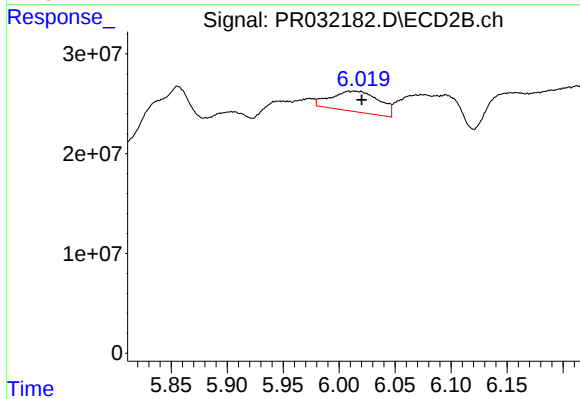
#35 AR-1260-5

R.T.: 7.166 min
Delta R.T.: -0.002 min
Response: 6525056
Conc: 1.60 ng/ml



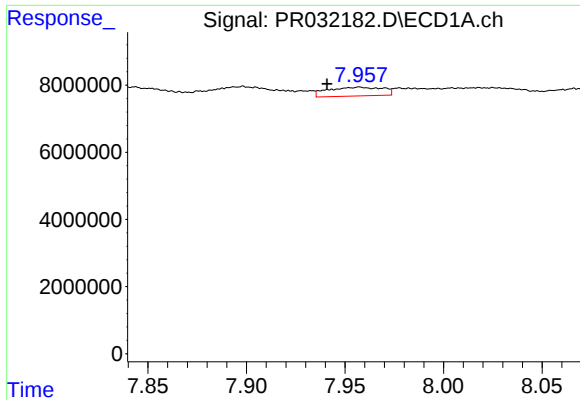
#36 AR-1262-1

R.T.: 7.177 min
Delta R.T.: 0.013 min
Response: 2494011
Conc: 3.28 ng/ml



#36 AR-1262-1

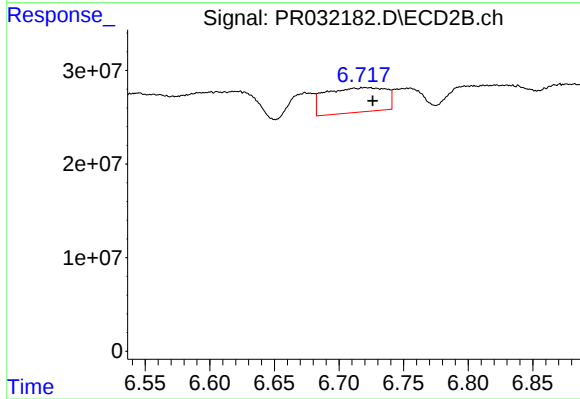
R.T.: 6.014 min
Delta R.T.: -0.006 min
Response: 61435320
Conc: 35.52 ng/ml



#37 AR-1262-2

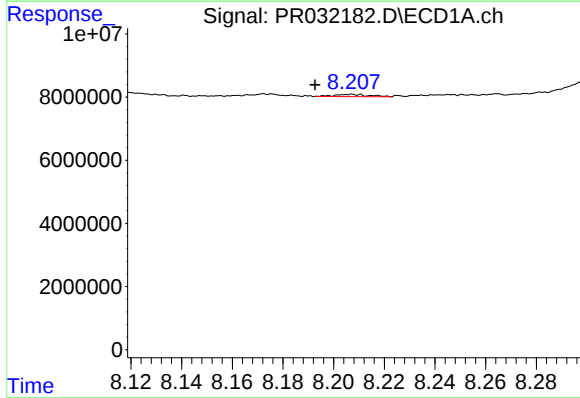
R.T.: 7.957 min
Delta R.T.: 0.016 min
Response: 5090047
Conc: 7.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



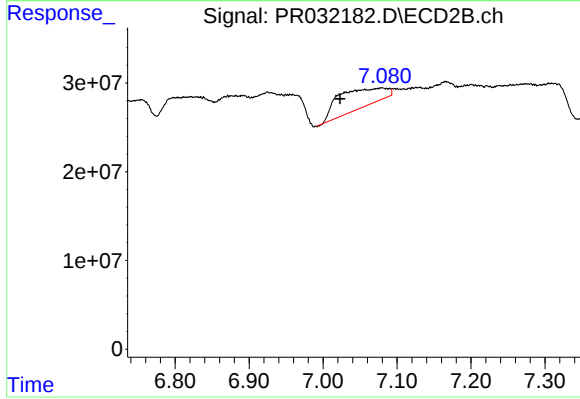
#37 AR-1262-2

R.T.: 6.720 min
Delta R.T.: -0.006 min
Response: 85668583
Conc: 60.25 ng/ml



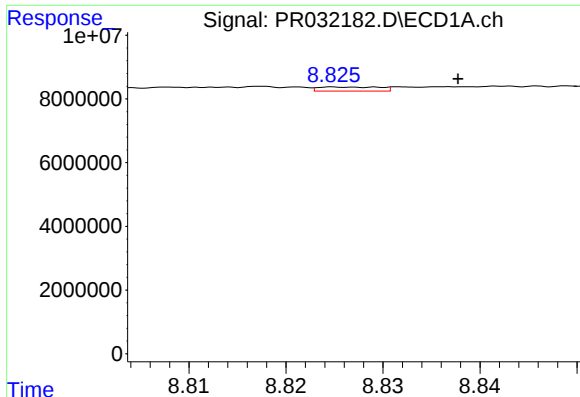
#38 AR-1262-3

R.T.: 8.207 min
Delta R.T.: 0.014 min
Response: 681615
Conc: 1.12 ng/ml



#38 AR-1262-3

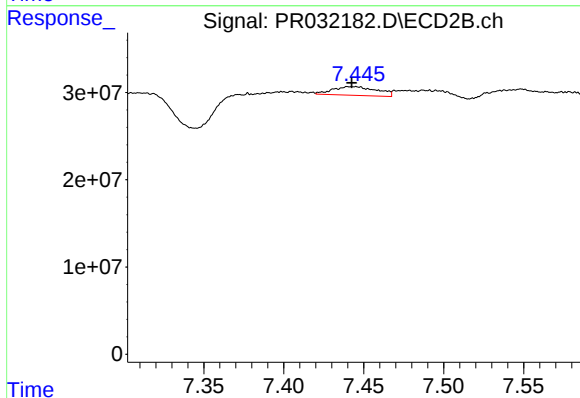
R.T.: 7.080 min
Delta R.T.: 0.056 min
Response: 94898528
Conc: 93.31 ng/ml



#39 AR-1262-4

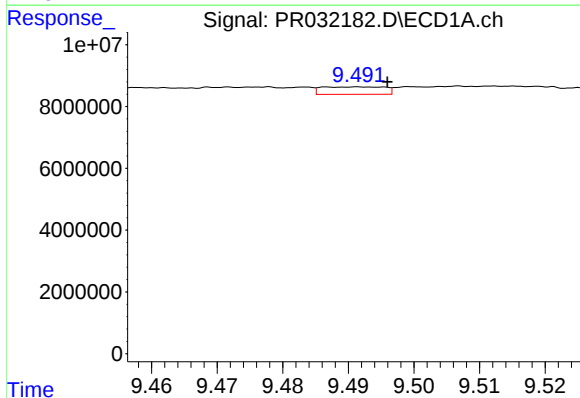
R.T.: 8.826 min
Delta R.T.: -0.011 min
Response: 570292
Conc: 0.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



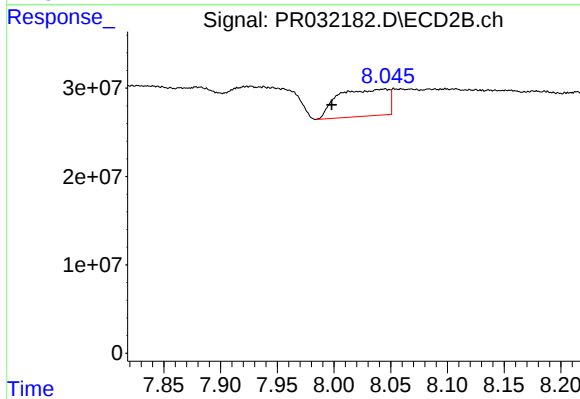
#39 AR-1262-4

R.T.: 7.442 min
Delta R.T.: 0.000 min
Response: 19227900
Conc: 11.36 ng/ml



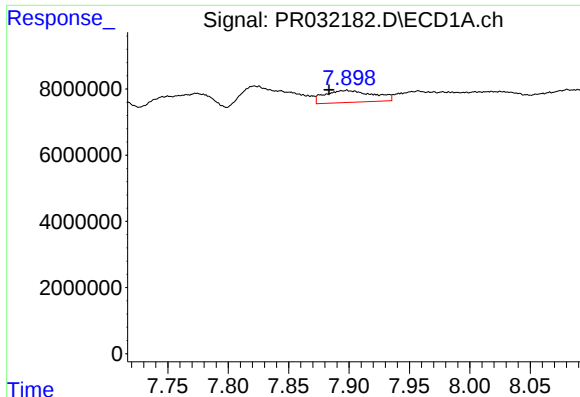
#40 AR-1262-5

R.T.: 9.492 min
Delta R.T.: -0.004 min
Response: 1613208
Conc: 1.19 ng/ml



#40 AR-1262-5

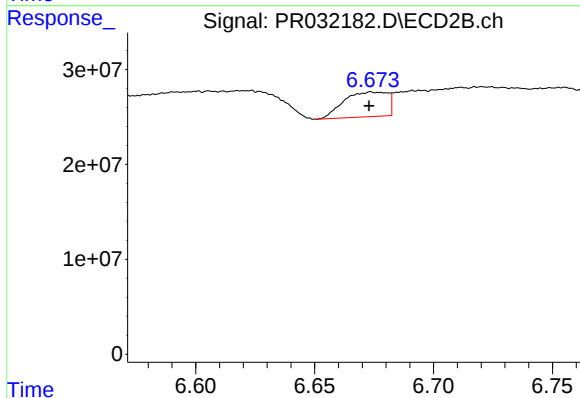
R.T.: 8.045 min
Delta R.T.: 0.047 min
Response: 94358857
Conc: 89.49 ng/ml



#41 AR-1268-1

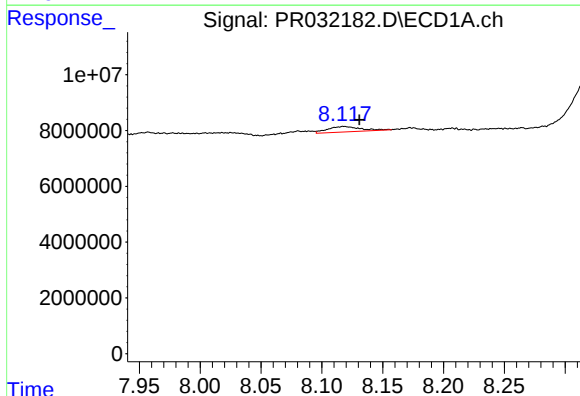
R.T.: 7.898 min
Delta R.T.: 0.015 min
Response: 10205079
Conc: 14.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



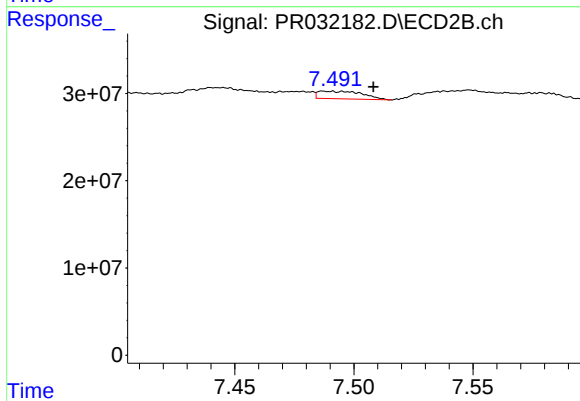
#41 AR-1268-1

R.T.: 6.674 min
Delta R.T.: 0.002 min
Response: 33171145
Conc: 23.68 ng/ml



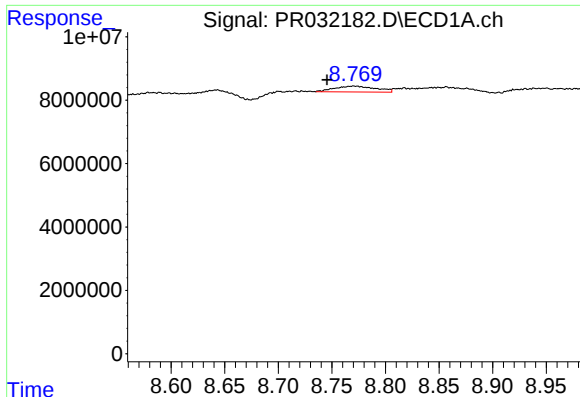
#42 AR-1268-2

R.T.: 8.118 min
Delta R.T.: -0.012 min
Response: 3673201
Conc: 3.97 ng/ml



#42 AR-1268-2

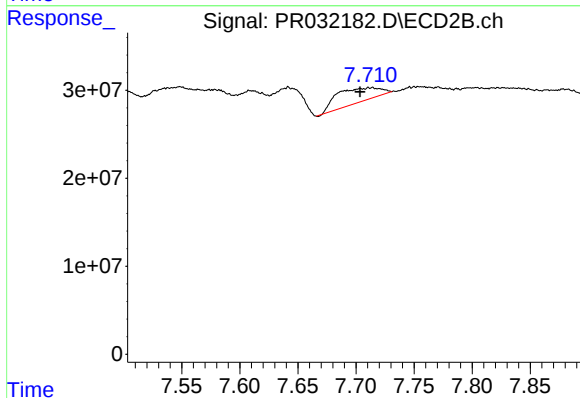
R.T.: 7.488 min
Delta R.T.: -0.020 min
Response: 11313135
Conc: 1.89 ng/ml



#43 AR-1268-3

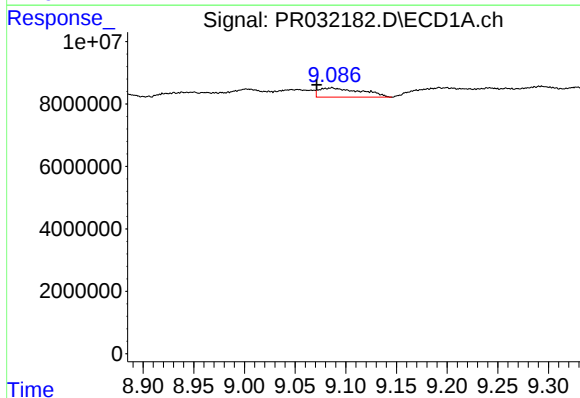
R.T.: 8.771 min
Delta R.T.: 0.025 min
Response: 5016452
Conc: 1.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



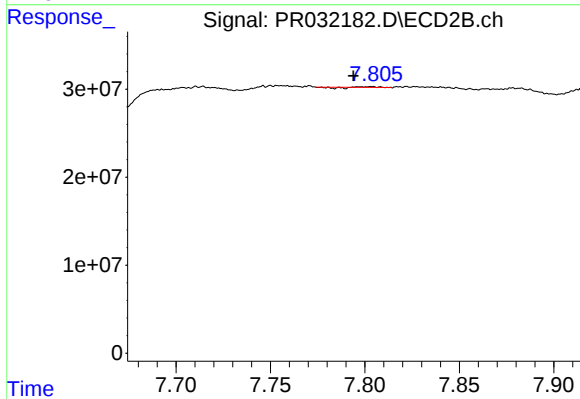
#43 AR-1268-3

R.T.: 7.713 min
Delta R.T.: 0.010 min
Response: 41511623
Conc: 14.76 ng/ml



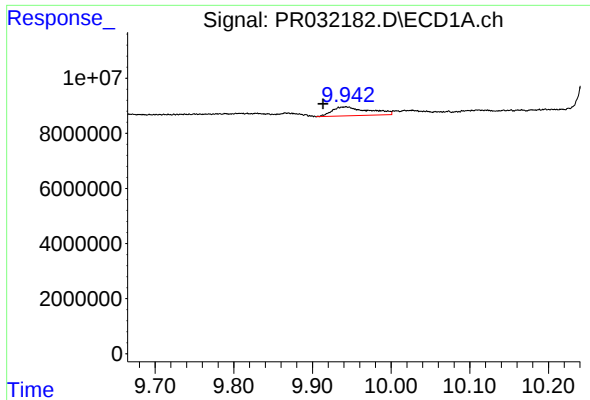
#44 AR-1268-4

R.T.: 9.086 min
Delta R.T.: 0.015 min
Response: 8540065
Conc: 2.49 ng/ml



#44 AR-1268-4

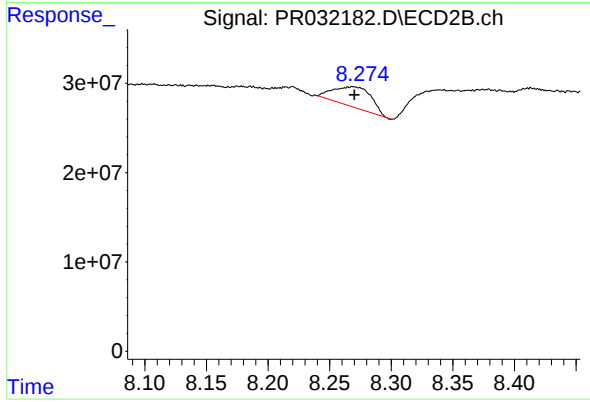
R.T.: 7.803 min
Delta R.T.: 0.009 min
Response: 307144
Conc: 0.38 ng/ml



#45 AR-1268-5

R.T.: 9.943 min
Delta R.T.: 0.029 min
Response: 10357882
Conc: 1.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.269 min
Delta R.T.: -0.001 min
Response: 48521539
Conc: 6.72 ng/ml