

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR030421\
 Data File : PR049560.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Mar 2021 08:49
 Operator : AJ\MA
 Sample : HEXANE
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 05 00:16:39 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR030121CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Mar 02 05:44:25 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	4.678	0.000	790799	0	0.295	N.D. #
2)	SA Decachlor...	10.584	8.912	1310215	8104914	0.538	0.960 #
Target Compounds							
3)	L1 AR-1016-1	5.860	4.970f	1898823	31635105	19.384	469.978 #
4)	L1 AR-1016-2	5.860	4.970	1898823	31635105	13.369	215.387 #
5)	L1 AR-1016-3	5.955	5.113	412364	80277250	4.852	943.534 #
6)	L1 AR-1016-4	6.009	5.206f	569342	89717486	8.125	2285.315 #
7)	L1 AR-1016-5	6.355f	5.406	289713	48694232	4.257	800.732 #
8)	L2 AR-1221-1	0.000	4.007f	0	3439558	N.D.	109.182 #
9)	L2 AR-1221-2	0.000	4.148	0	8206089	N.D.	281.877 #
10)	L2 AR-1221-3	0.000	4.204	0	10332306	N.D.	115.087 #
11)	L3 AR-1232-1	0.000	4.204	0	10332306	N.D.	147.041 #
12)	L3 AR-1232-2	5.594	4.970	130304	31635105	4.238	501.319 #
13)	L3 AR-1232-3	5.860	5.113	1898823	80277250	29.935	2194.726 #
14)	L3 AR-1232-4	6.009	5.206	569342	89717486	18.256	4460.277 #
15)	L3 AR-1232-5	0.000	5.406	0	48694232	N.D.	2120.630 #
16)	L4 AR-1242-1	5.860	4.970f	1898823	31635105	23.726	630.166 #
17)	L4 AR-1242-2	5.860	4.970	1898823	31635105	16.472	269.215 #
18)	L4 AR-1242-3	5.955	5.113	412364	80277250	5.884	1217.764 #
19)	L4 AR-1242-4	6.009	5.206	569342	89717486	9.934	2264.248 #
20)	L4 AR-1242-5	6.764	5.758	2296865	207.2E6	36.147	3058.604 #
21)	L5 AR-1248-1	5.860	4.970f	1898823	31635105	29.885	764.234 #
22)	L5 AR-1248-2	0.000	5.206f	0	89717486	N.D.	1756.786 #
23)	L5 AR-1248-3	6.355f	5.206	289713	89717486	3.003	1479.214 #
24)	L5 AR-1248-4	6.718	5.406	46703623	48694232	396.621	622.561 #
25)	L5 AR-1248-5	6.764	5.758	2296865	207.2E6	20.384	1747.846 #
26)	L6 AR-1254-1	6.718	5.758	46703623	207.2E6	414.901	1733.219 #
27)	L6 AR-1254-2	6.916	5.878	4521967	106.4E6	26.069	798.985 #
28)	L6 AR-1254-3	7.276	6.255	689040	110.5E6	3.862	428.746 #
29)	L6 AR-1254-4	7.561	6.524	19839714	81413866	136.048	169.692
30)	L6 AR-1254-5	7.996	6.938	3348248	44053776	23.429	90.751 #
31)	L7 AR-1260-1	7.418	6.405	5464146	86061277	44.704	613.635 #
32)	L7 AR-1260-2	7.682	6.590	4256094	169.5E6	27.675	306.235 #
33)	L7 AR-1260-3	8.081	6.764	4022374	102.3E6	33.601	317.973 #
34)	L7 AR-1260-4	8.274	7.198	278444	43604227	2.207	113.870 #
35)	L7 AR-1260-5	8.654	7.480	896515	79726882	3.379	57.684 #
36)	L8 AR-1262-1	8.041	6.938	2385906	44053776	12.537	166.754 #
37)	L8 AR-1262-2	8.654	7.480	896515	79726882	2.716	49.759 #
38)	L8 AR-1262-3	8.999f	7.781	571046	35899717	2.493	56.131 #
39)	L8 AR-1262-4	8.999f	7.781f	571046	35899717	3.147	33.885 #
40)	L8 AR-1262-5	0.000	8.379f	0	17890491	N.D.	37.451 #
41)	L9 AR-1268-1	8.999f	7.781	571046	35899717	1.371	18.359 #

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 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
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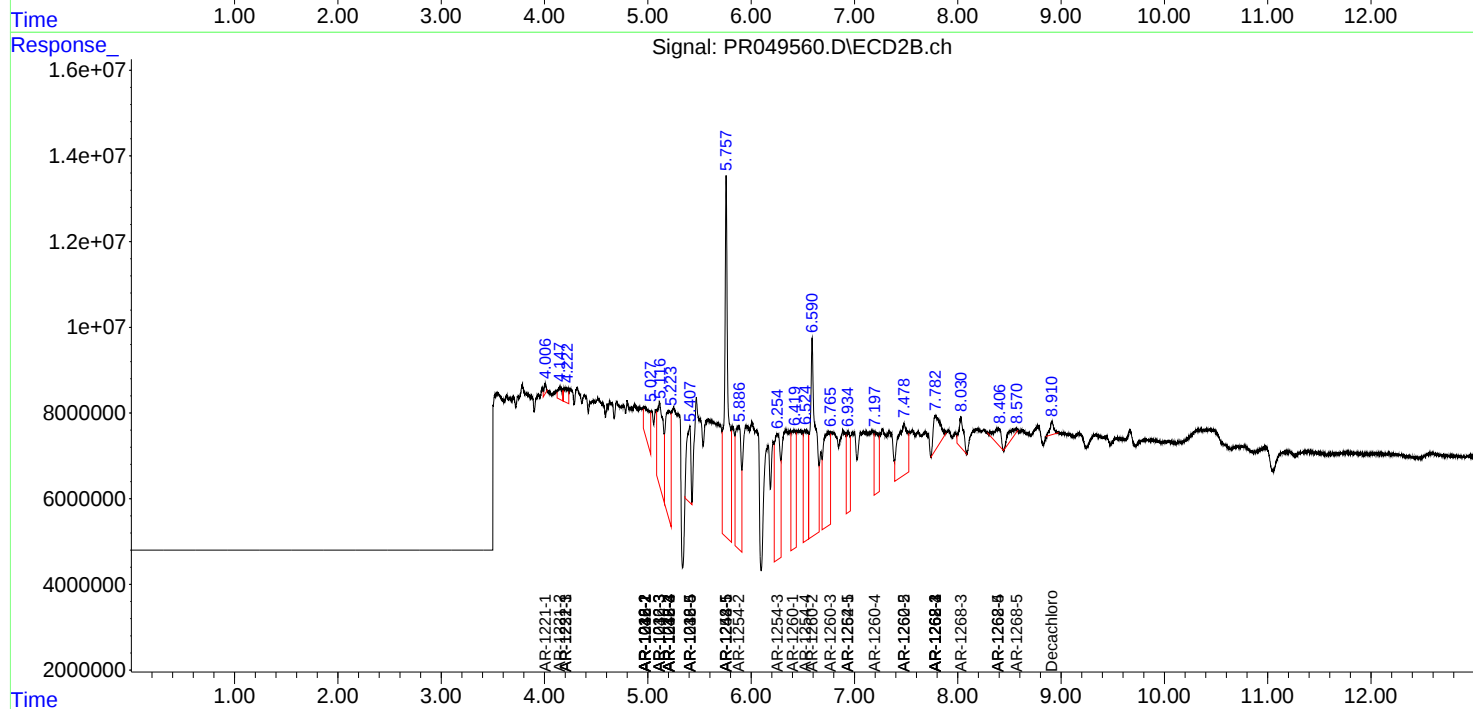
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

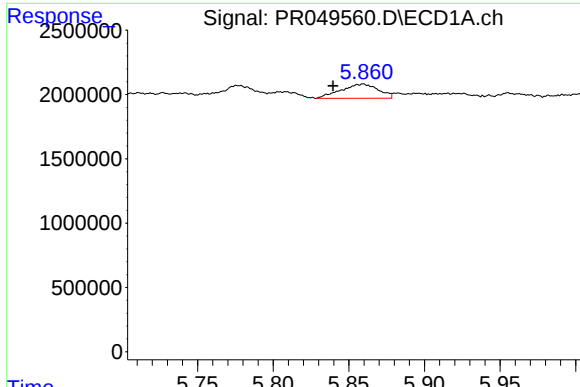
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.999f	7.781f	571046	35899717	1.472	21.964 #
43) L9	AR-1268-3	0.000	8.030	0	21583057	N.D.	15.014 #
44) L9	AR-1268-4	0.000	8.379f	0	17890491	N.D.	31.707 #
45) L9	AR-1268-5	10.248f	8.569f	216217	12076058	0.197	2.803 #

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

Instrument :
ECD_R
ClientSampleId :

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

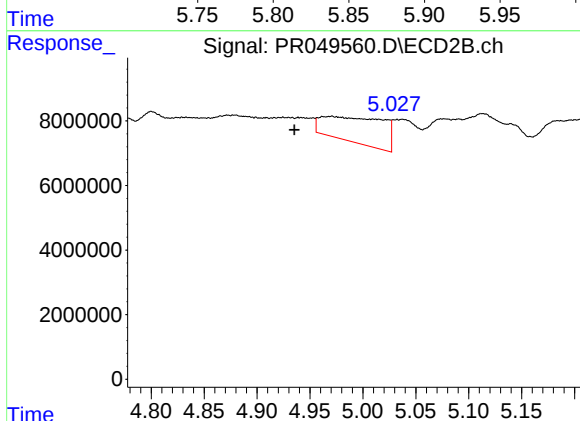




#3 AR-1016-1

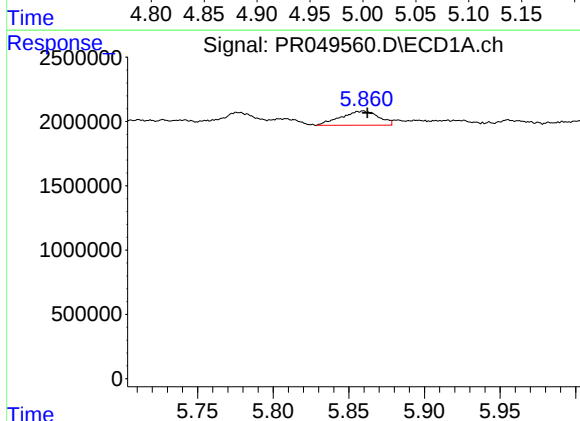
R.T.: 5.860 min
Delta R.T.: 0.020 min
Response: 1898823
Conc: 19.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



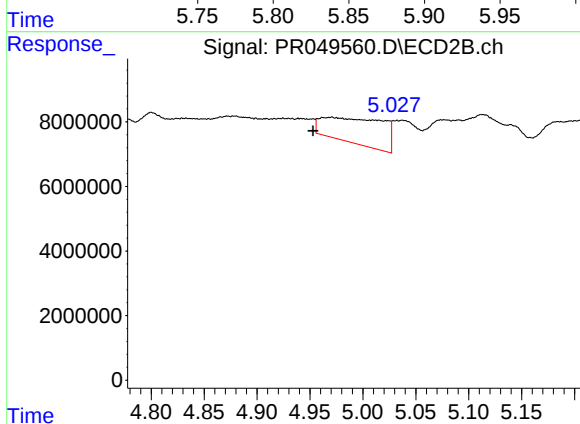
#3 AR-1016-1

R.T.: 4.970 min
Delta R.T.: 0.035 min
Response: 31635105
Conc: 469.98 ng/ml



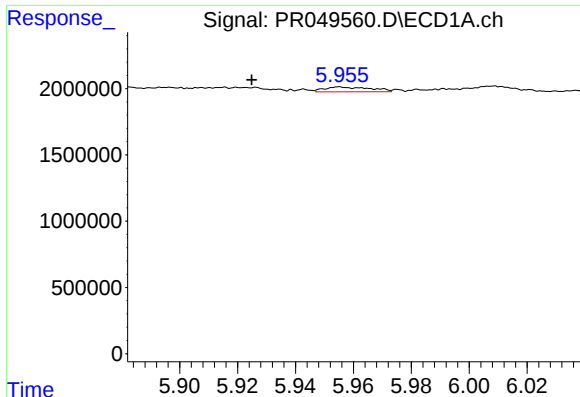
#4 AR-1016-2

R.T.: 5.860 min
Delta R.T.: -0.003 min
Response: 1898823
Conc: 13.37 ng/ml



#4 AR-1016-2

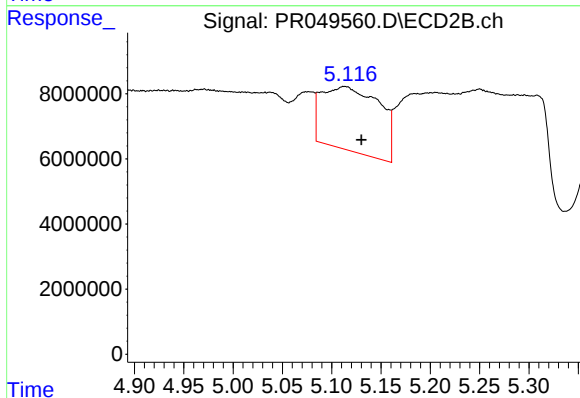
R.T.: 4.970 min
Delta R.T.: 0.018 min
Response: 31635105
Conc: 215.39 ng/ml



#5 AR-1016-3

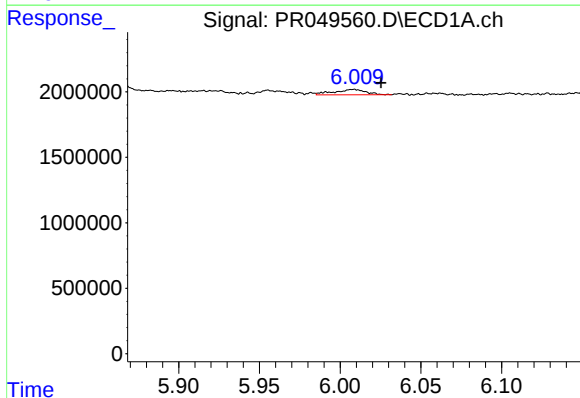
R.T.: 5.955 min
Delta R.T.: 0.030 min
Response: 412364
Conc: 4.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



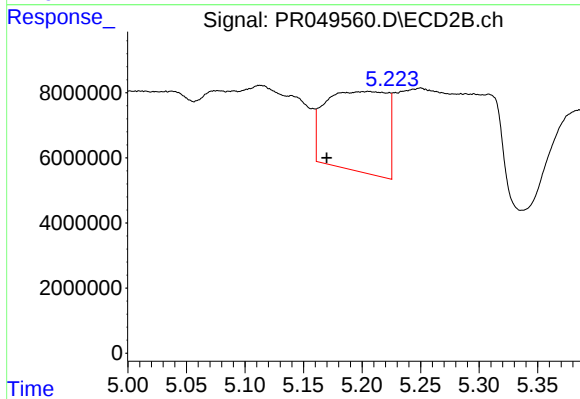
#5 AR-1016-3

R.T.: 5.113 min
Delta R.T.: -0.017 min
Response: 80277250
Conc: 943.53 ng/ml



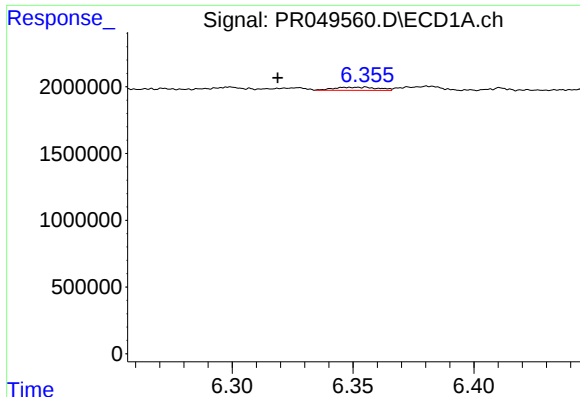
#6 AR-1016-4

R.T.: 6.009 min
Delta R.T.: -0.017 min
Response: 569342
Conc: 8.12 ng/ml



#6 AR-1016-4

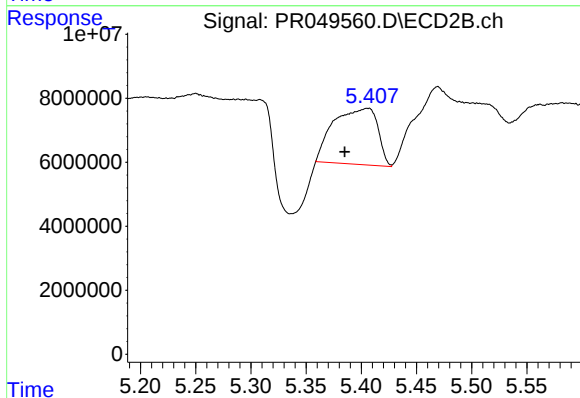
R.T.: 5.206 min
Delta R.T.: 0.036 min
Response: 89717486
Conc: 2285.31 ng/ml



#7 AR-1016-5

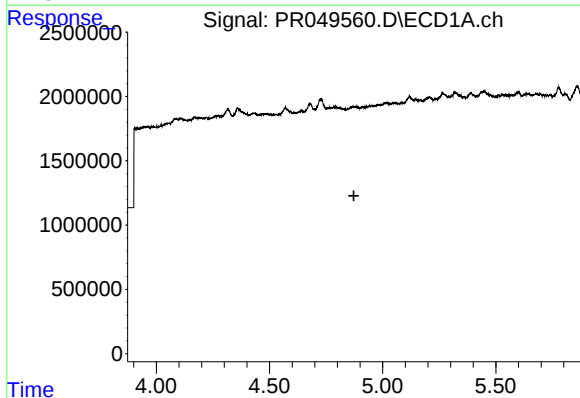
R.T.: 6.355 min
Delta R.T.: 0.036 min
Response: 289713
Conc: 4.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



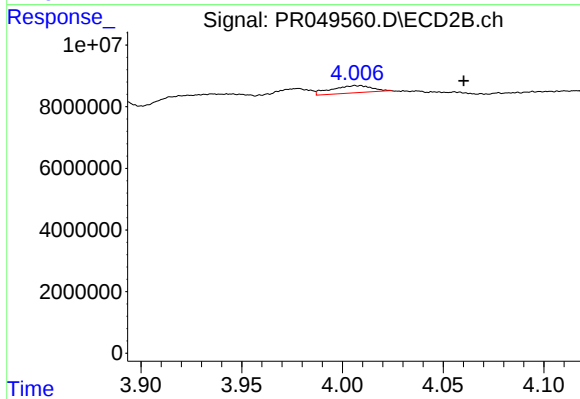
#7 AR-1016-5

R.T.: 5.406 min
Delta R.T.: 0.021 min
Response: 48694232
Conc: 800.73 ng/ml



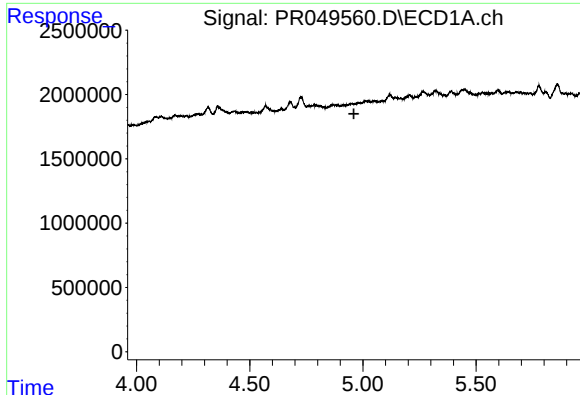
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.873 min
Response: 0
Conc: N.D.



#8 AR-1221-1

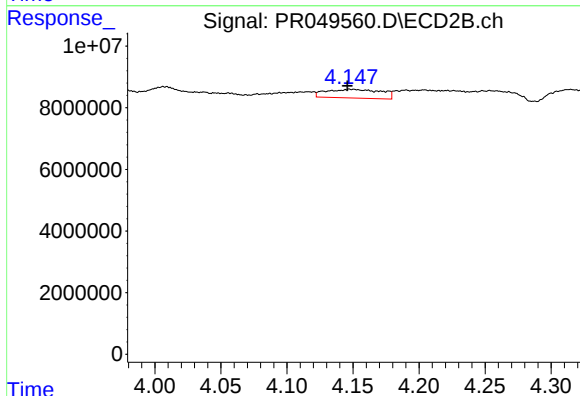
R.T.: 4.007 min
Delta R.T.: -0.053 min
Response: 3439558
Conc: 109.18 ng/ml



#9 AR-1221-2

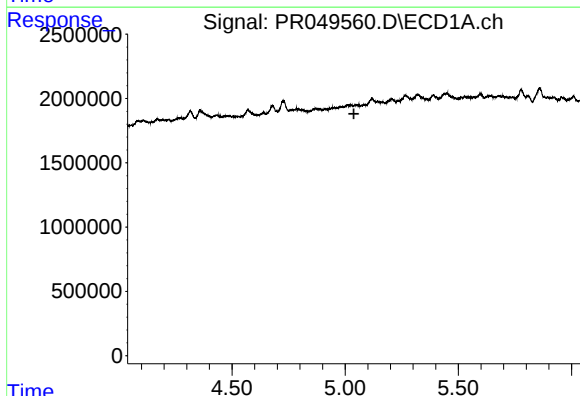
R.T.: 0.000 min
Exp R.T.: 4.960 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



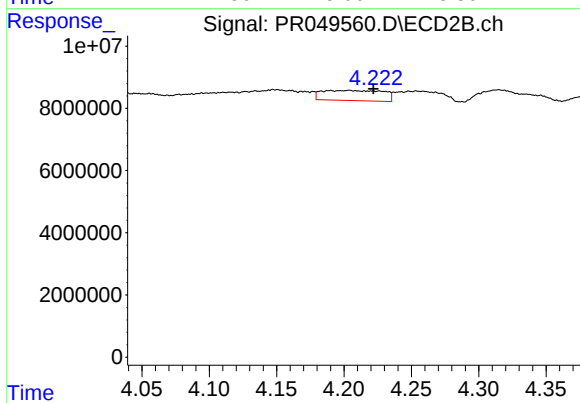
#9 AR-1221-2

R.T.: 4.148 min
Delta R.T.: 0.002 min
Response: 8206089
Conc: 281.88 ng/ml



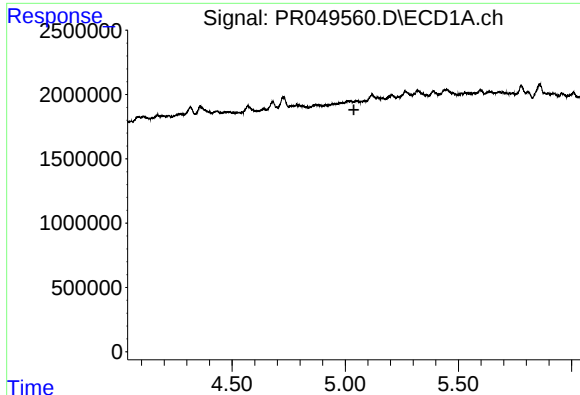
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 5.038 min
Response: 0
Conc: N.D.



#10 AR-1221-3

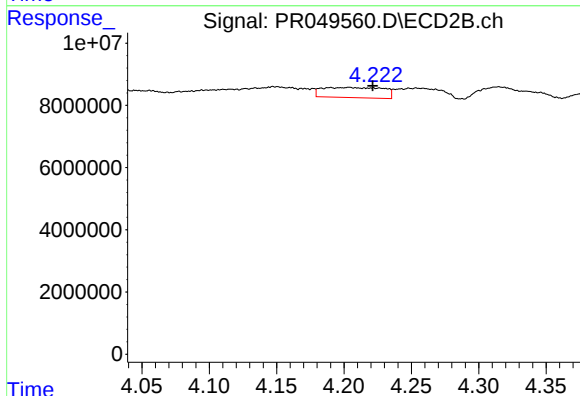
R.T.: 4.204 min
Delta R.T.: -0.018 min
Response: 10332306
Conc: 115.09 ng/ml



#11 AR-1232-1

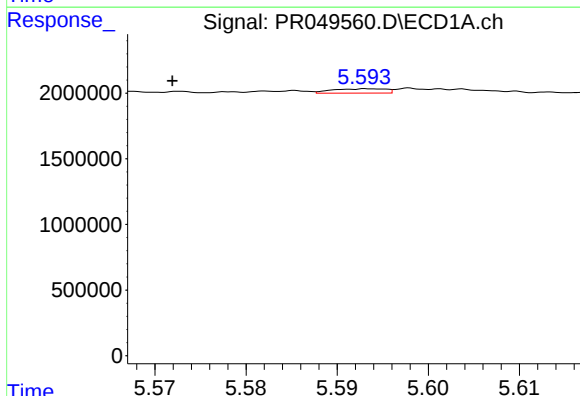
R.T.: 0.000 min
Exp R.T.: 5.038 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



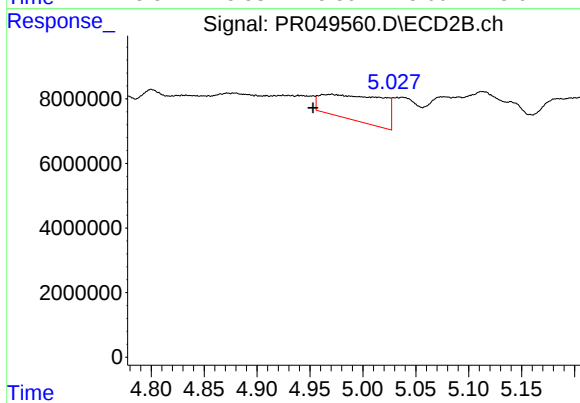
#11 AR-1232-1

R.T.: 4.204 min
Delta R.T.: -0.018 min
Response: 10332306
Conc: 147.04 ng/ml



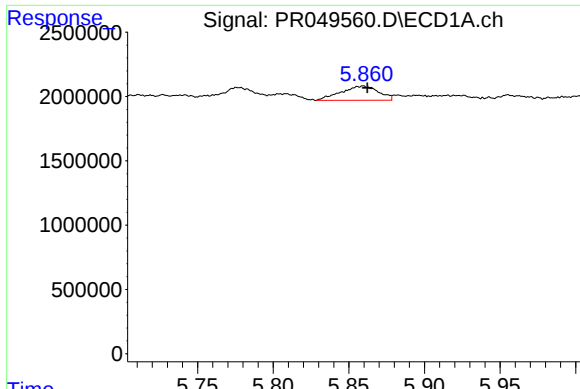
#12 AR-1232-2

R.T.: 5.594 min
Delta R.T.: 0.022 min
Response: 130304
Conc: 4.24 ng/ml



#12 AR-1232-2

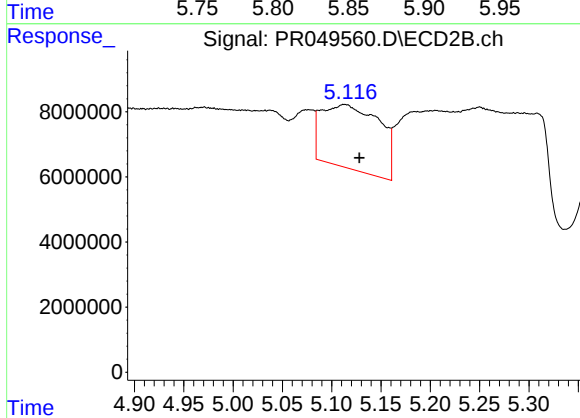
R.T.: 4.970 min
Delta R.T.: 0.017 min
Response: 31635105
Conc: 501.32 ng/ml



#13 AR-1232-3

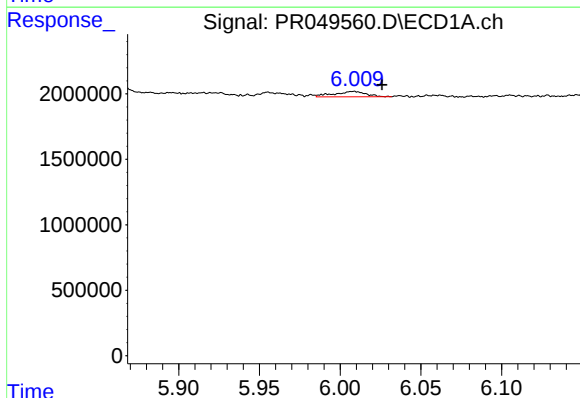
R.T.: 5.860 min
Delta R.T.: -0.003 min
Response: 1898823
Conc: 29.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



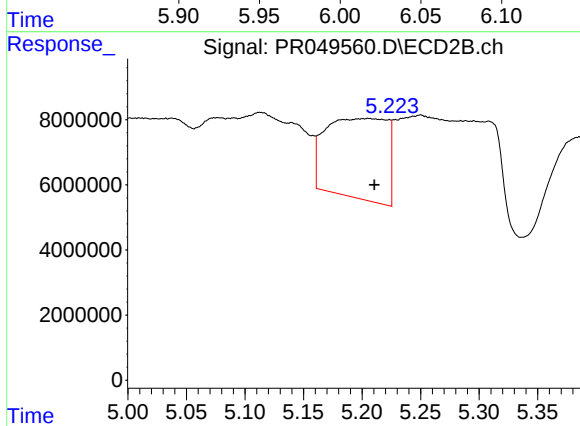
#13 AR-1232-3

R.T.: 5.113 min
Delta R.T.: -0.015 min
Response: 80277250
Conc: 2194.73 ng/ml



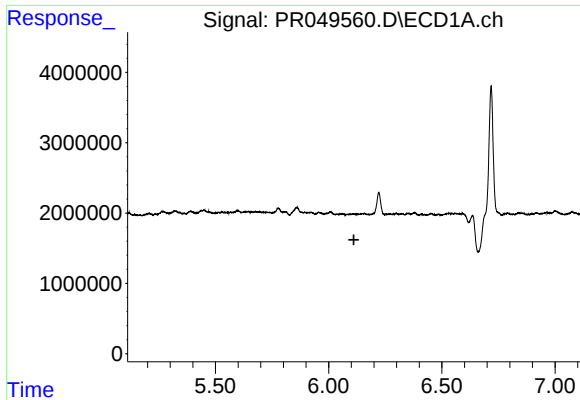
#14 AR-1232-4

R.T.: 6.009 min
Delta R.T.: -0.017 min
Response: 569342
Conc: 18.26 ng/ml



#14 AR-1232-4

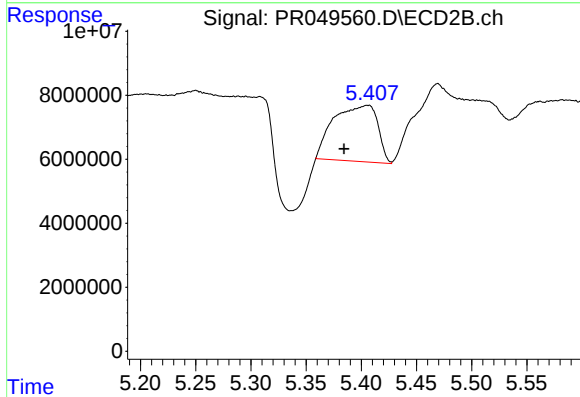
R.T.: 5.206 min
Delta R.T.: -0.005 min
Response: 89717486
Conc: 4460.28 ng/ml



#15 AR-1232-5

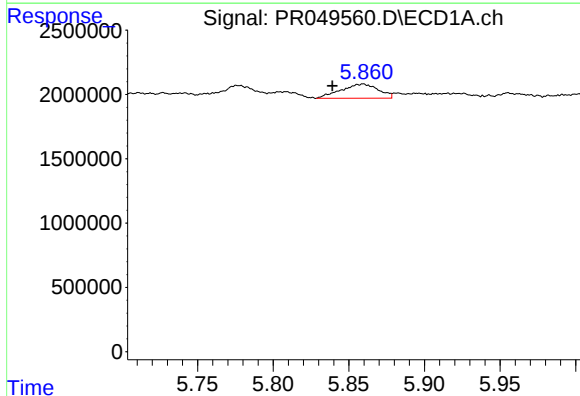
R.T.: 0.000 min
Exp R.T.: 6.111 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



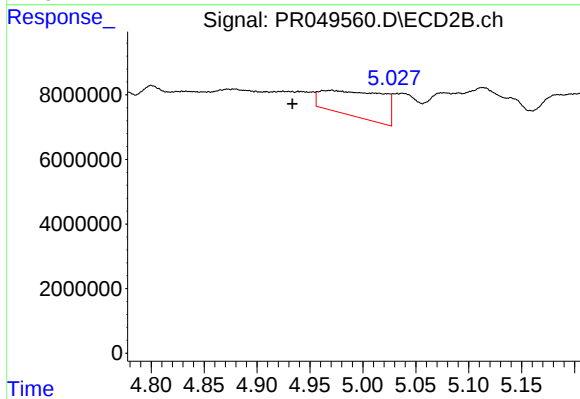
#15 AR-1232-5

R.T.: 5.406 min
Delta R.T.: 0.021 min
Response: 48694232
Conc: 2120.63 ng/ml



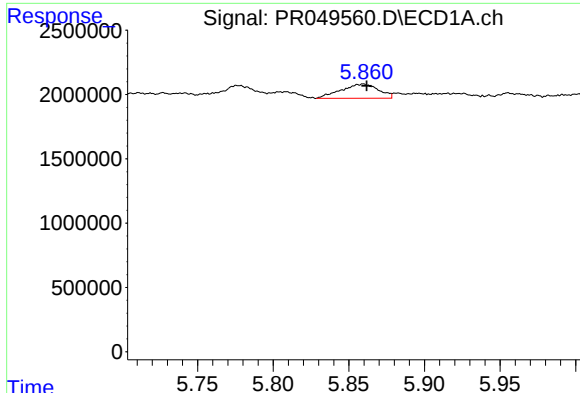
#16 AR-1242-1

R.T.: 5.860 min
Delta R.T.: 0.020 min
Response: 1898823
Conc: 23.73 ng/ml



#16 AR-1242-1

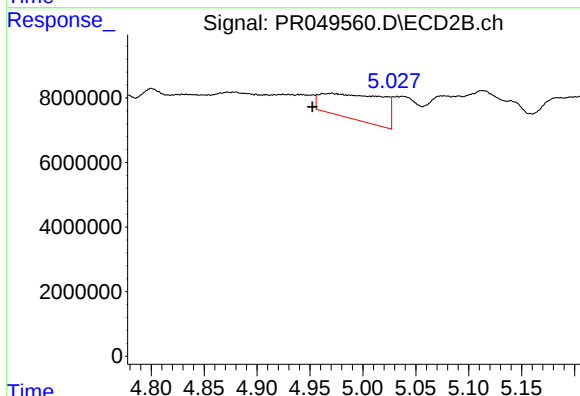
R.T.: 4.970 min
Delta R.T.: 0.037 min
Response: 31635105
Conc: 630.17 ng/ml



#17 AR-1242-2

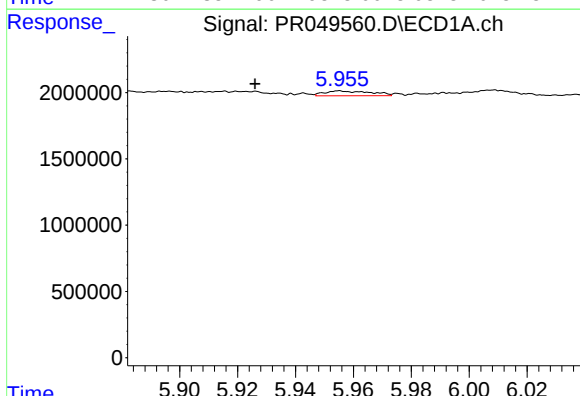
R.T.: 5.860 min
Delta R.T.: -0.002 min
Response: 1898823
Conc: 16.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



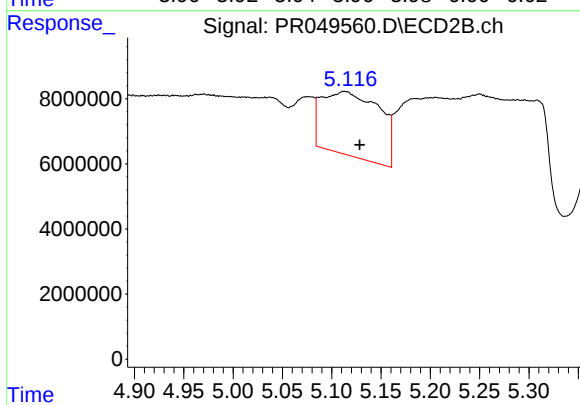
#17 AR-1242-2

R.T.: 4.970 min
Delta R.T.: 0.018 min
Response: 31635105
Conc: 269.21 ng/ml



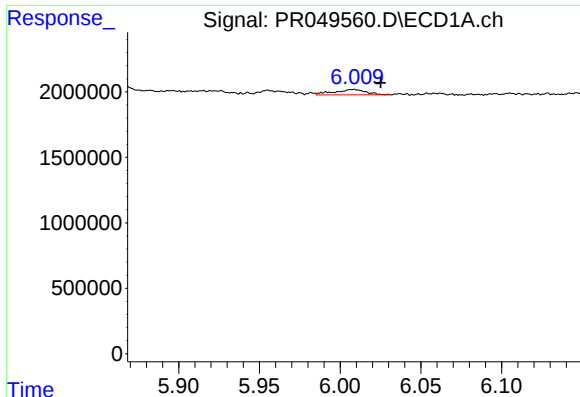
#18 AR-1242-3

R.T.: 5.955 min
Delta R.T.: 0.029 min
Response: 412364
Conc: 5.88 ng/ml



#18 AR-1242-3

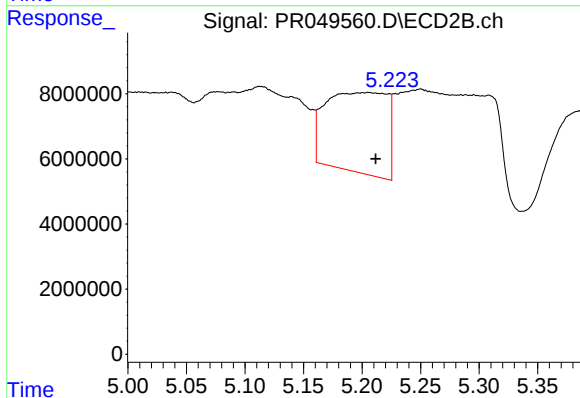
R.T.: 5.113 min
Delta R.T.: -0.015 min
Response: 80277250
Conc: 1217.76 ng/ml



#19 AR-1242-4

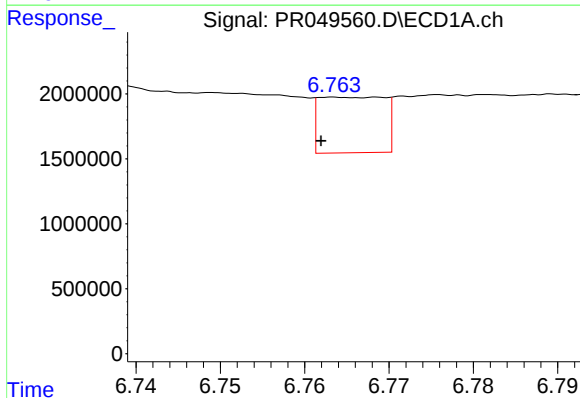
R.T.: 6.009 min
Delta R.T.: -0.017 min
Response: 569342
Conc: 9.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



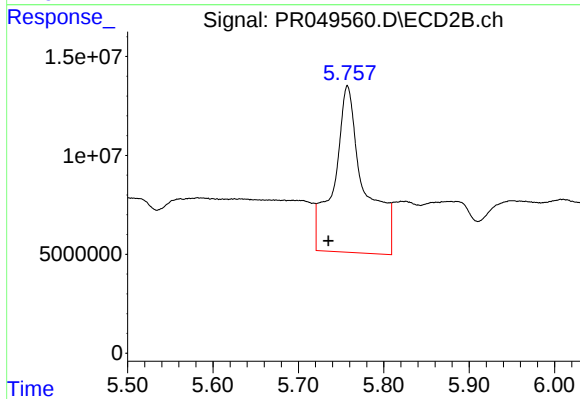
#19 AR-1242-4

R.T.: 5.206 min
Delta R.T.: -0.006 min
Response: 89717486
Conc: 2264.25 ng/ml



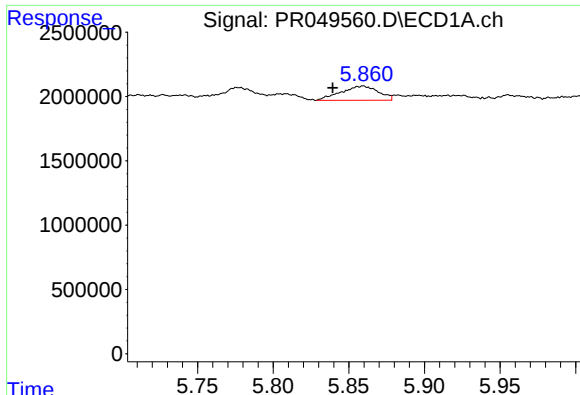
#20 AR-1242-5

R.T.: 6.764 min
Delta R.T.: 0.002 min
Response: 2296865
Conc: 36.15 ng/ml



#20 AR-1242-5

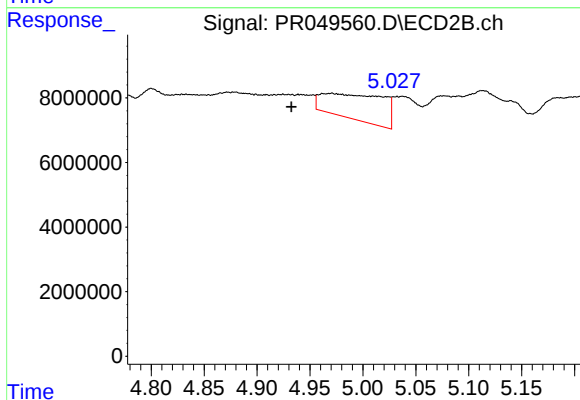
R.T.: 5.758 min
Delta R.T.: 0.022 min
Response: 207209297
Conc: 3058.60 ng/ml



#21 AR-1248-1

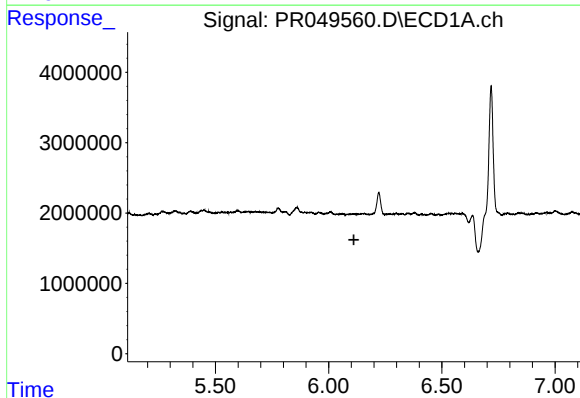
R.T.: 5.860 min
Delta R.T.: 0.020 min
Response: 1898823
Conc: 29.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



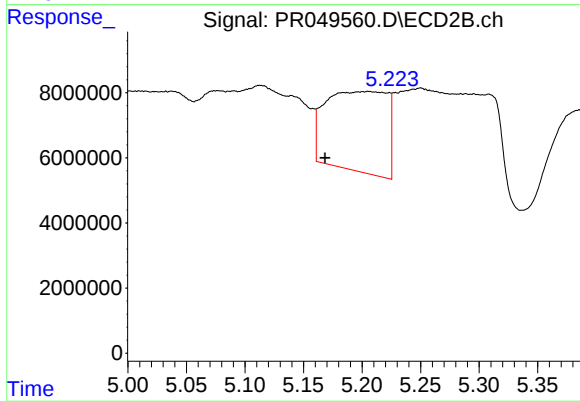
#21 AR-1248-1

R.T.: 4.970 min
Delta R.T.: 0.038 min
Response: 31635105
Conc: 764.23 ng/ml



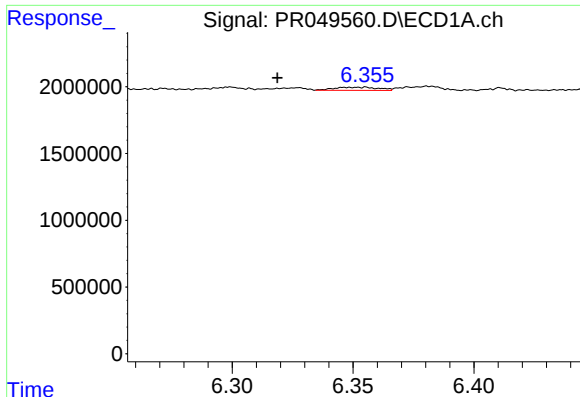
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 6.112 min
Response: 0
Conc: N.D.



#22 AR-1248-2

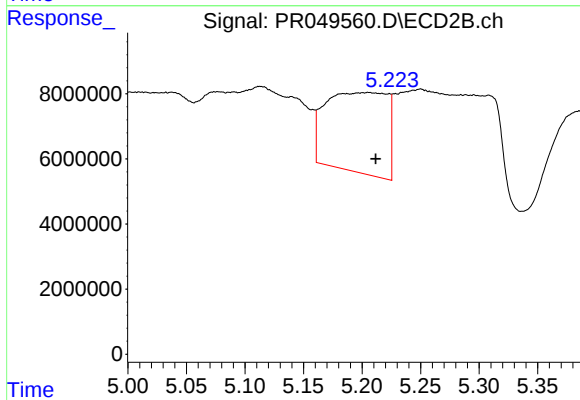
R.T.: 5.206 min
Delta R.T.: 0.037 min
Response: 89717486
Conc: 1756.79 ng/ml



#23 AR-1248-3

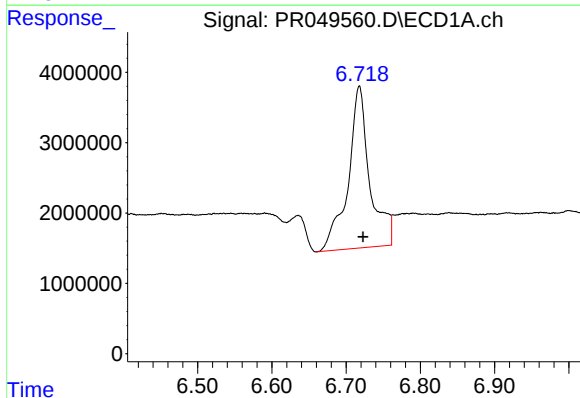
R.T.: 6.355 min
Delta R.T.: 0.037 min
Response: 289713
Conc: 3.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



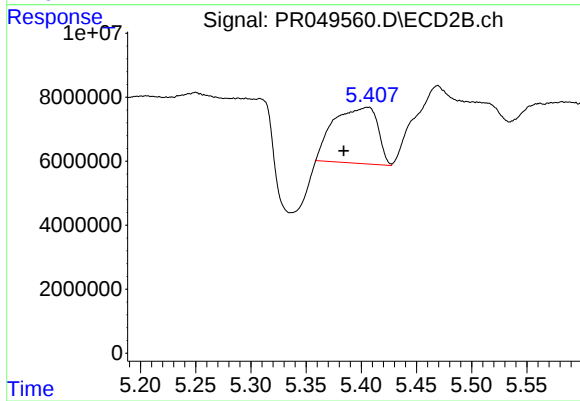
#23 AR-1248-3

R.T.: 5.206 min
Delta R.T.: -0.006 min
Response: 89717486
Conc: 1479.21 ng/ml



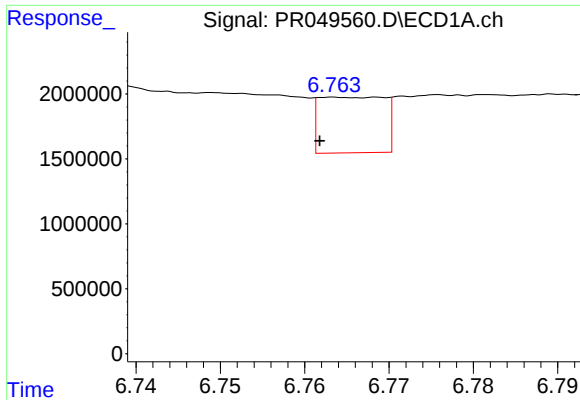
#24 AR-1248-4

R.T.: 6.718 min
Delta R.T.: -0.005 min
Response: 46703623
Conc: 396.62 ng/ml



#24 AR-1248-4

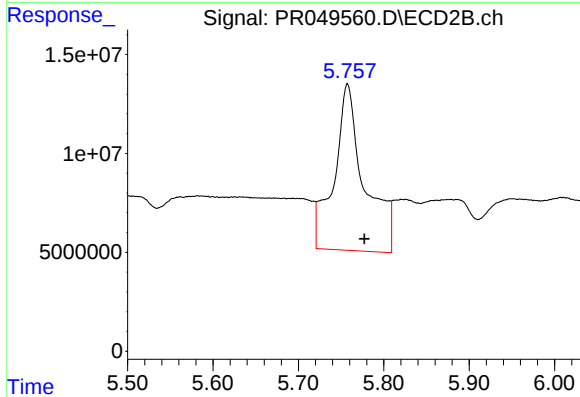
R.T.: 5.406 min
Delta R.T.: 0.022 min
Response: 48694232
Conc: 622.56 ng/ml



#25 AR-1248-5

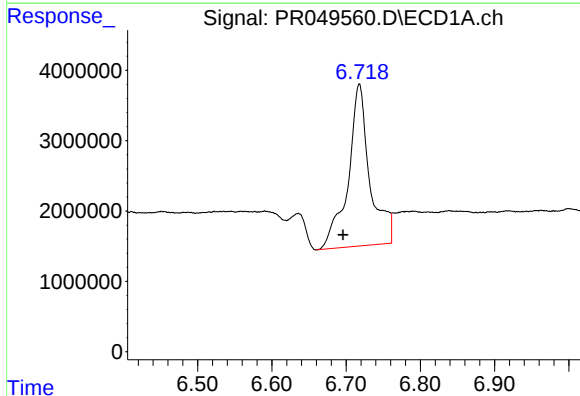
R.T.: 6.764 min
Delta R.T.: 0.002 min
Response: 2296865
Conc: 20.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



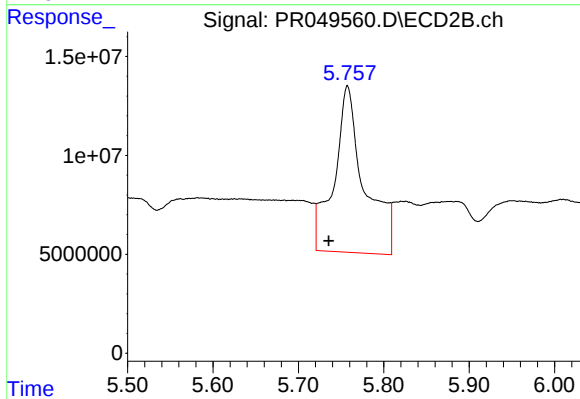
#25 AR-1248-5

R.T.: 5.758 min
Delta R.T.: -0.020 min
Response: 207209297
Conc: 1747.85 ng/ml



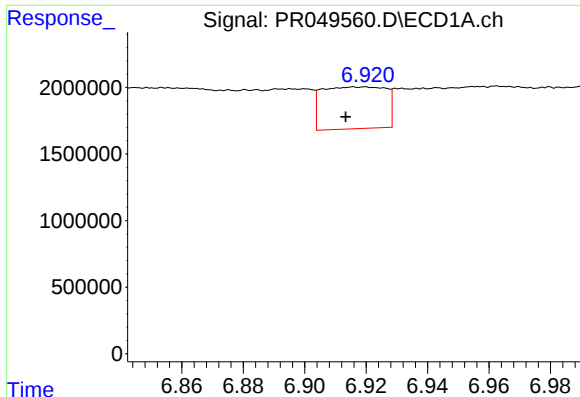
#26 AR-1254-1

R.T.: 6.718 min
Delta R.T.: 0.022 min
Response: 46703623
Conc: 414.90 ng/ml



#26 AR-1254-1

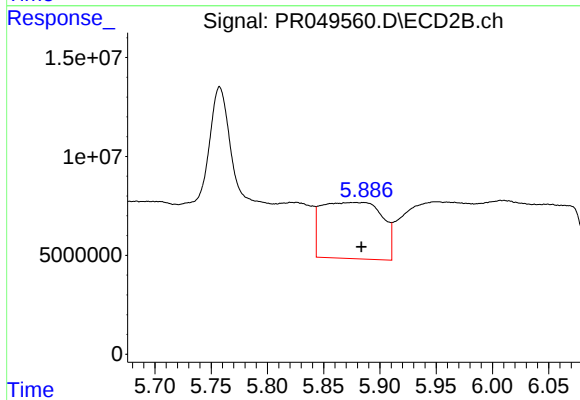
R.T.: 5.758 min
Delta R.T.: 0.022 min
Response: 207209297
Conc: 1733.22 ng/ml



#27 AR-1254-2

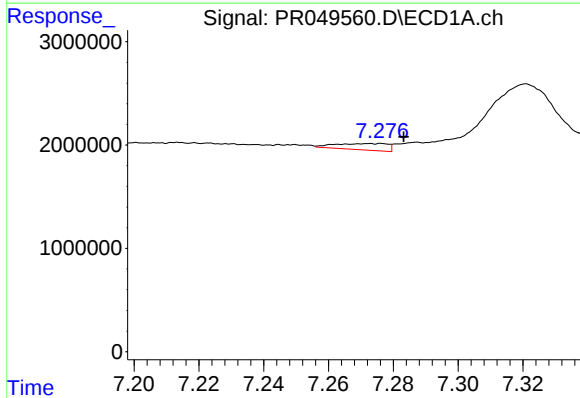
R.T.: 6.916 min
Delta R.T.: 0.003 min
Response: 4521967
Conc: 26.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



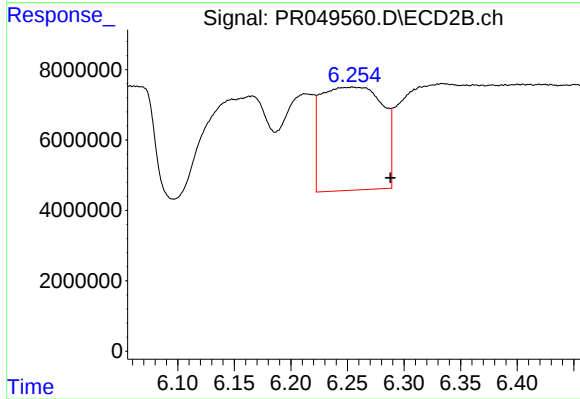
#27 AR-1254-2

R.T.: 5.878 min
Delta R.T.: -0.005 min
Response: 106389976
Conc: 798.98 ng/ml



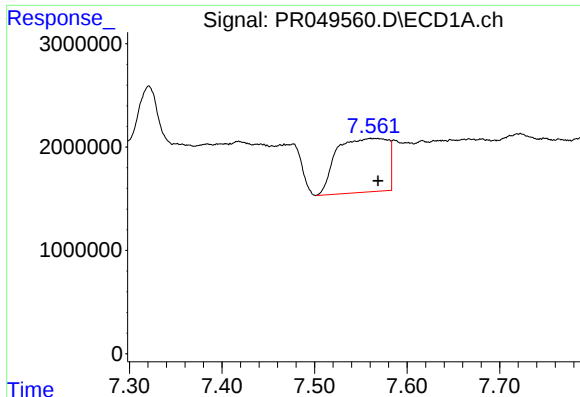
#28 AR-1254-3

R.T.: 7.276 min
Delta R.T.: -0.007 min
Response: 689040
Conc: 3.86 ng/ml



#28 AR-1254-3

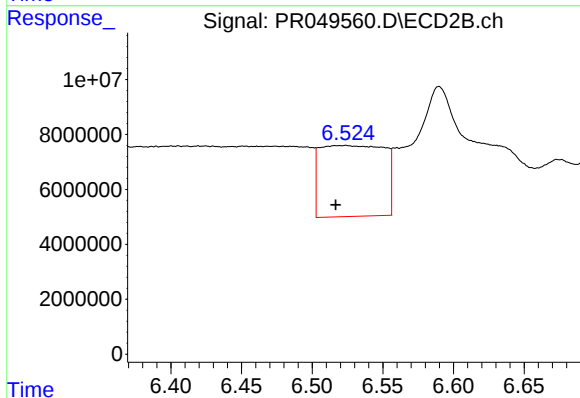
R.T.: 6.255 min
Delta R.T.: -0.033 min
Response: 110494694
Conc: 428.75 ng/ml



#29 AR-1254-4

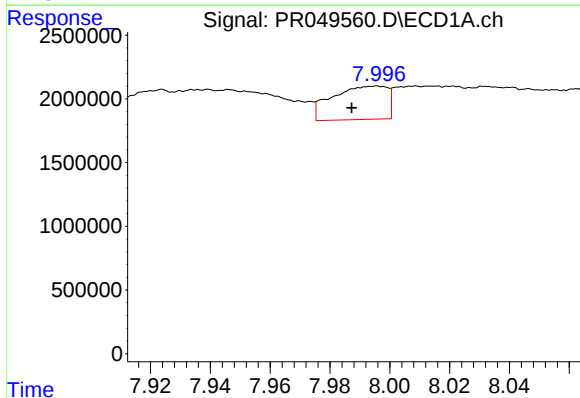
R.T.: 7.561 min
Delta R.T.: -0.008 min
Response: 19839714
Conc: 136.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



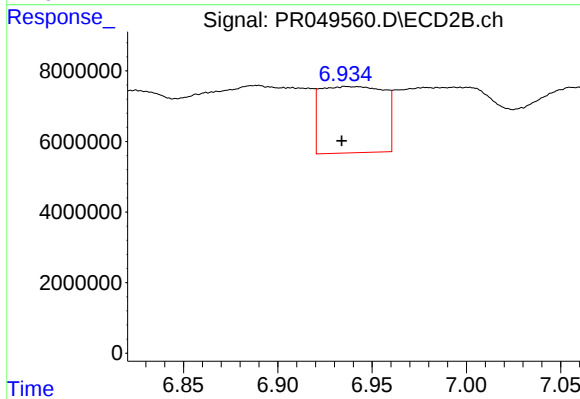
#29 AR-1254-4

R.T.: 6.524 min
Delta R.T.: 0.007 min
Response: 81413866
Conc: 169.69 ng/ml



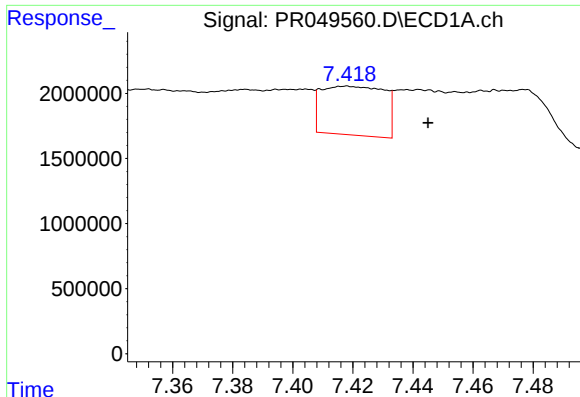
#30 AR-1254-5

R.T.: 7.996 min
Delta R.T.: 0.008 min
Response: 3348248
Conc: 23.43 ng/ml



#30 AR-1254-5

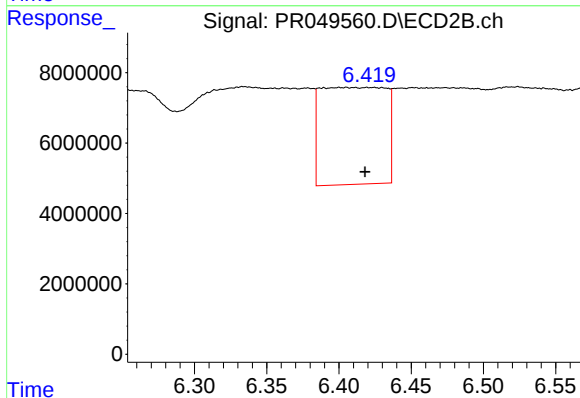
R.T.: 6.938 min
Delta R.T.: 0.004 min
Response: 44053776
Conc: 90.75 ng/ml



#31 AR-1260-1

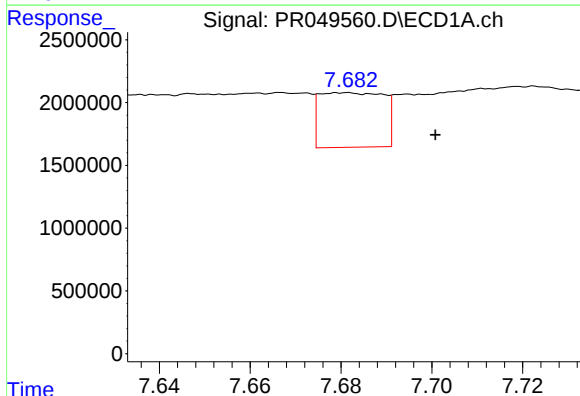
R.T.: 7.418 min
Delta R.T.: -0.027 min
Response: 5464146
Conc: 44.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



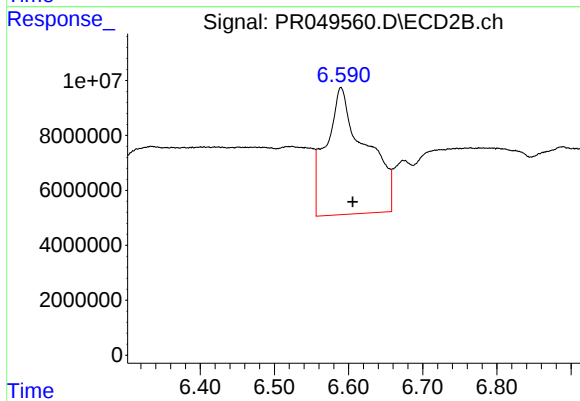
#31 AR-1260-1

R.T.: 6.405 min
Delta R.T.: -0.013 min
Response: 86061277
Conc: 613.63 ng/ml



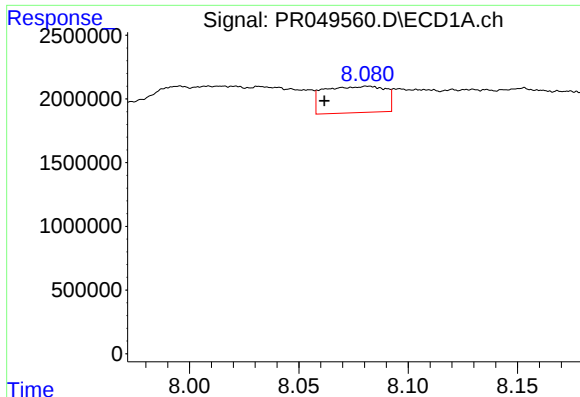
#32 AR-1260-2

R.T.: 7.682 min
Delta R.T.: -0.019 min
Response: 4256094
Conc: 27.67 ng/ml



#32 AR-1260-2

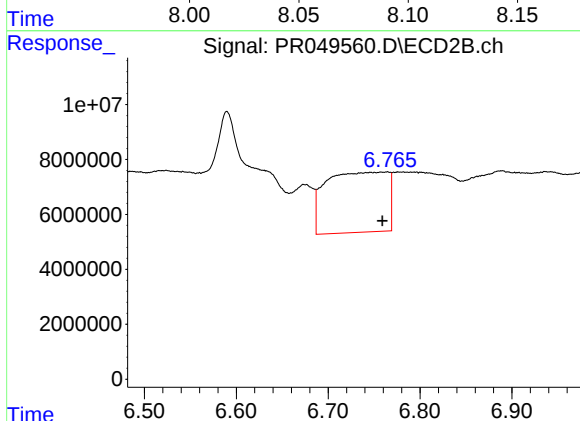
R.T.: 6.590 min
Delta R.T.: -0.016 min
Response: 169514304
Conc: 306.24 ng/ml



#33 AR-1260-3

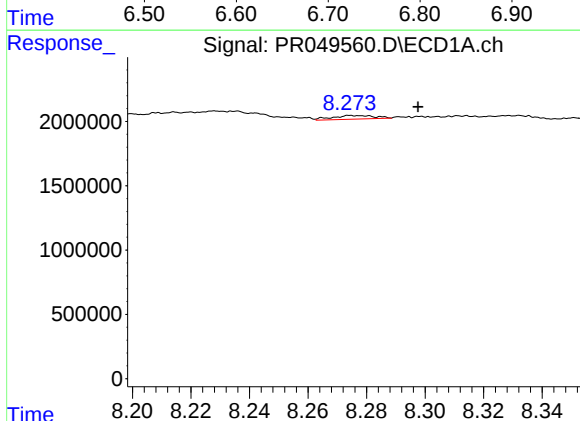
R.T.: 8.081 min
Delta R.T.: 0.020 min
Response: 4022374
Conc: 33.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



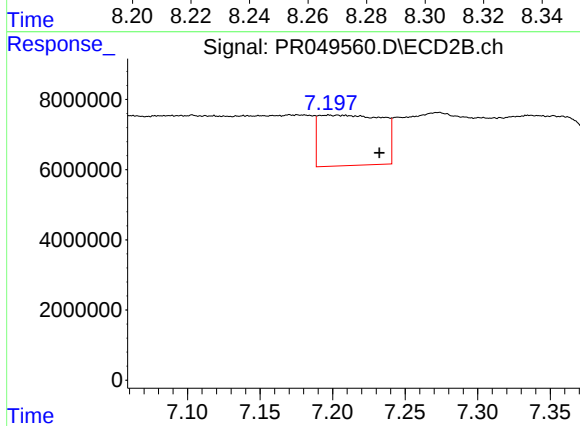
#33 AR-1260-3

R.T.: 6.764 min
Delta R.T.: 0.005 min
Response: 102326083
Conc: 317.97 ng/ml



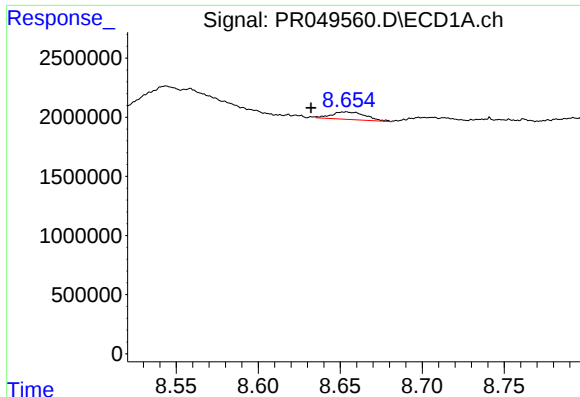
#34 AR-1260-4

R.T.: 8.274 min
Delta R.T.: -0.023 min
Response: 278444
Conc: 2.21 ng/ml



#34 AR-1260-4

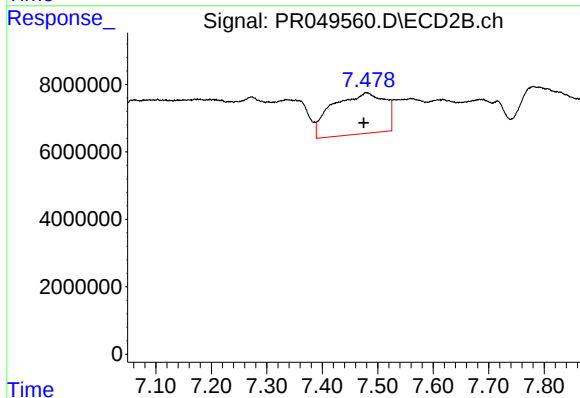
R.T.: 7.198 min
Delta R.T.: -0.034 min
Response: 43604227
Conc: 113.87 ng/ml



#35 AR-1260-5

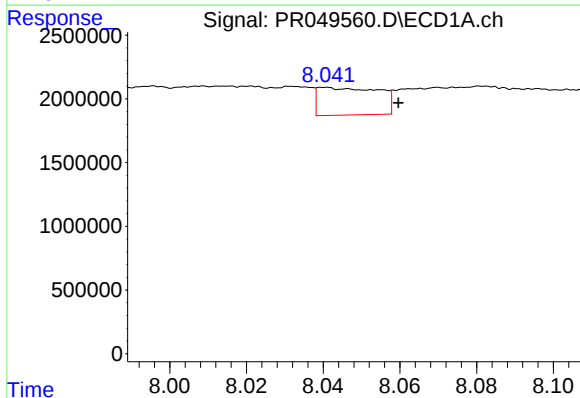
R.T.: 8.654 min
Delta R.T.: 0.022 min
Response: 896515
Conc: 3.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



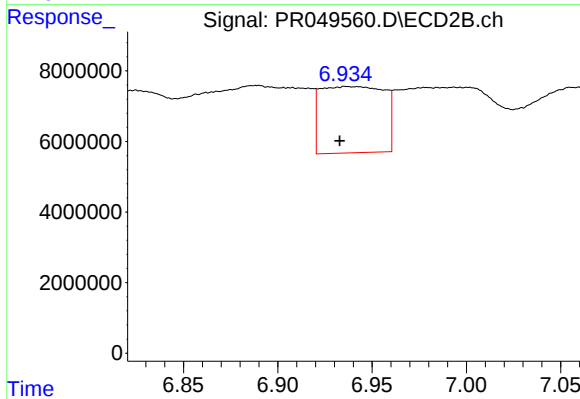
#35 AR-1260-5

R.T.: 7.480 min
Delta R.T.: 0.006 min
Response: 79726882
Conc: 57.68 ng/ml



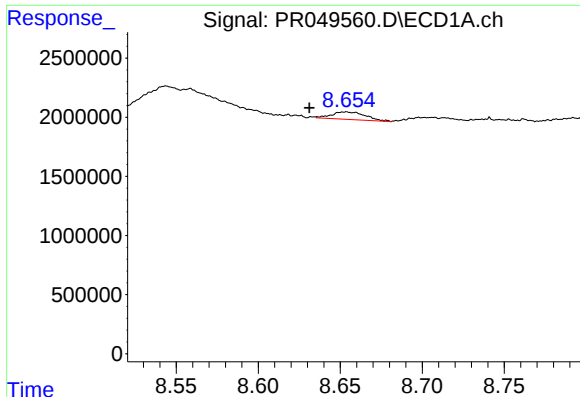
#36 AR-1262-1

R.T.: 8.041 min
Delta R.T.: -0.019 min
Response: 2385906
Conc: 12.54 ng/ml



#36 AR-1262-1

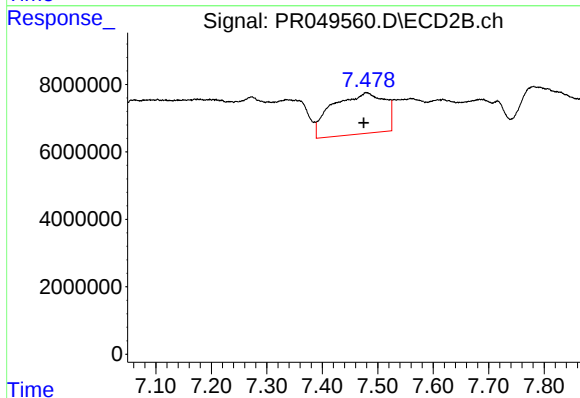
R.T.: 6.938 min
Delta R.T.: 0.005 min
Response: 44053776
Conc: 166.75 ng/ml



#37 AR-1262-2

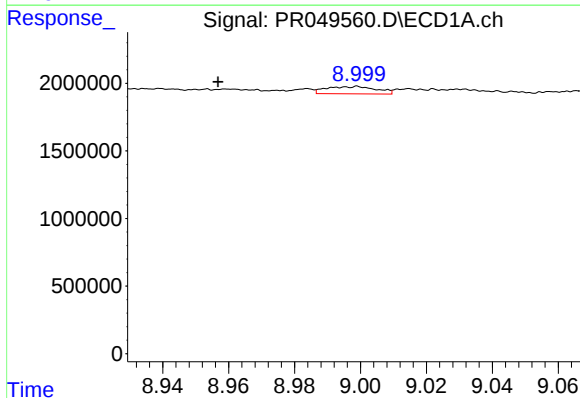
R.T.: 8.654 min
Delta R.T.: 0.023 min
Response: 896515
Conc: 2.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



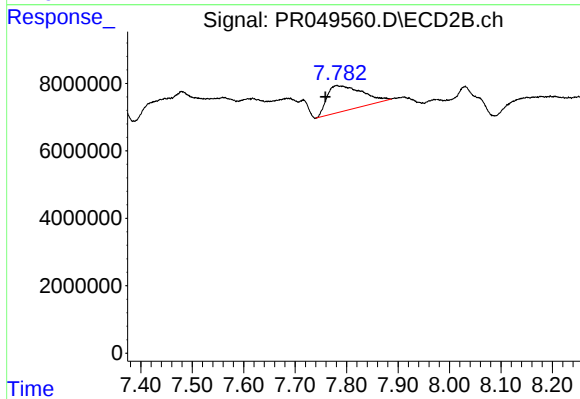
#37 AR-1262-2

R.T.: 7.480 min
Delta R.T.: 0.005 min
Response: 79726882
Conc: 49.76 ng/ml



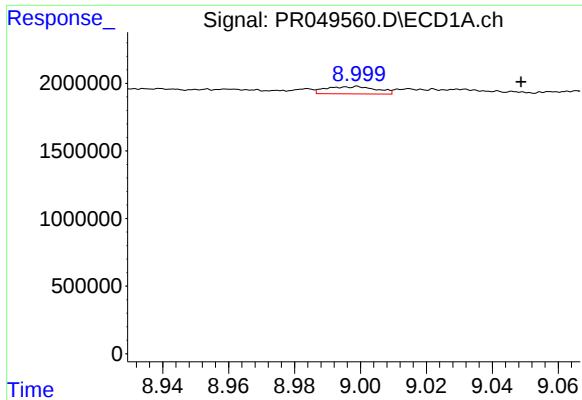
#38 AR-1262-3

R.T.: 8.999 min
Delta R.T.: 0.042 min
Response: 571046
Conc: 2.49 ng/ml



#38 AR-1262-3

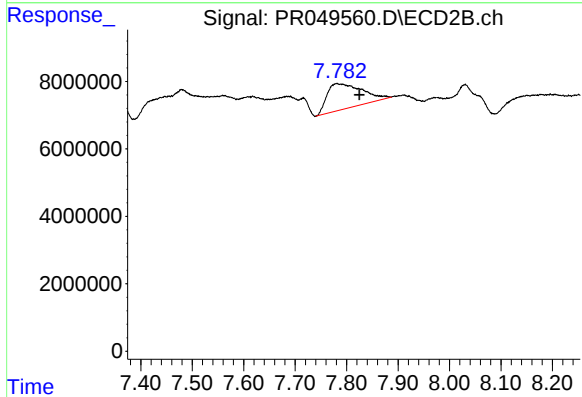
R.T.: 7.781 min
Delta R.T.: 0.022 min
Response: 35899717
Conc: 56.13 ng/ml



#39 AR-1262-4

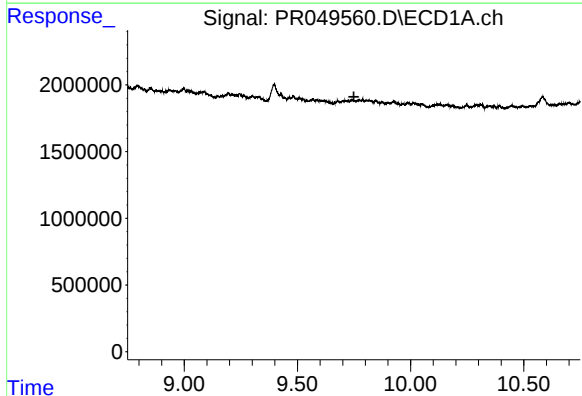
R.T.: 8.999 min
Delta R.T.: -0.050 min
Response: 571046
Conc: 3.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



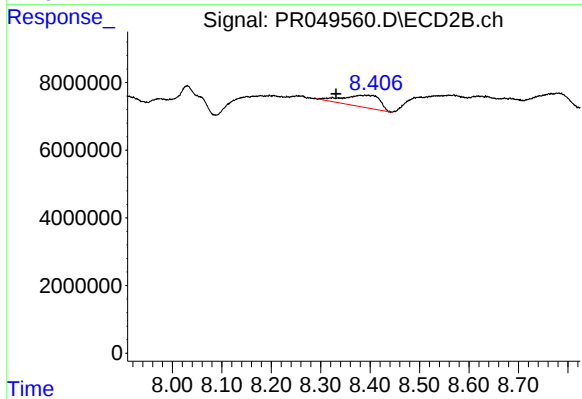
#39 AR-1262-4

R.T.: 7.781 min
Delta R.T.: -0.044 min
Response: 35899717
Conc: 33.89 ng/ml



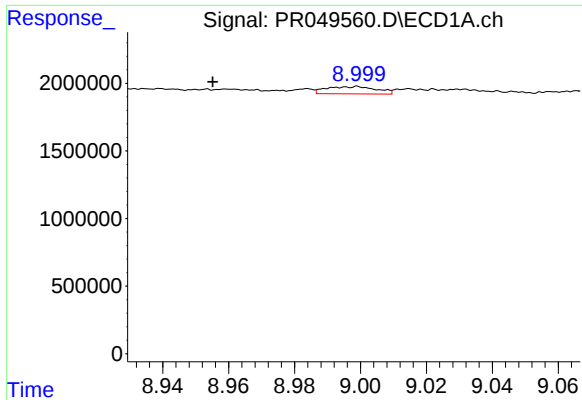
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.749 min
Response: 0
Conc: N.D.



#40 AR-1262-5

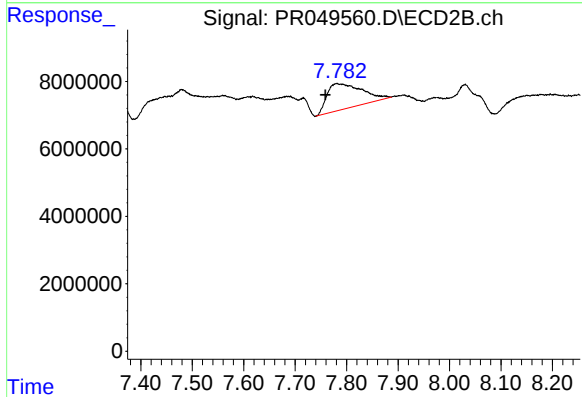
R.T.: 8.379 min
Delta R.T.: 0.048 min
Response: 17890491
Conc: 37.45 ng/ml



#41 AR-1268-1

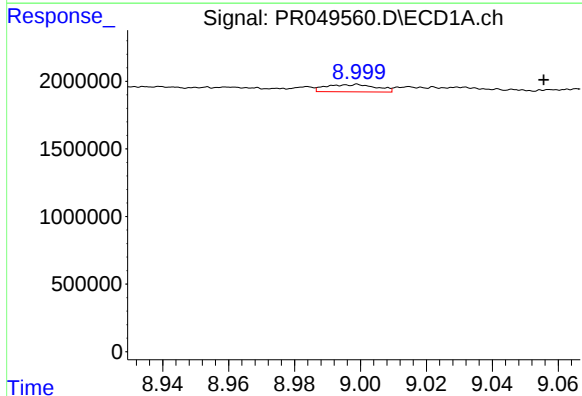
R.T.: 8.999 min
Delta R.T.: 0.044 min
Response: 571046
Conc: 1.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



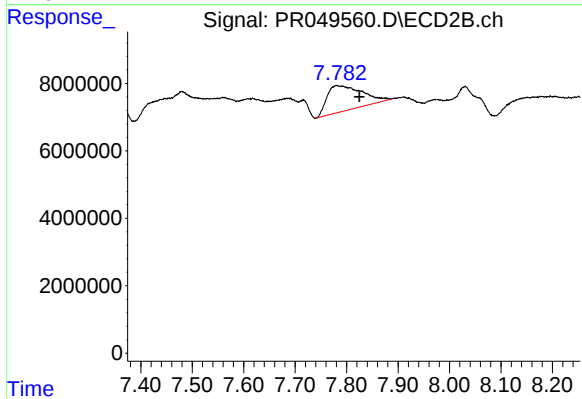
#41 AR-1268-1

R.T.: 7.781 min
Delta R.T.: 0.022 min
Response: 35899717
Conc: 18.36 ng/ml



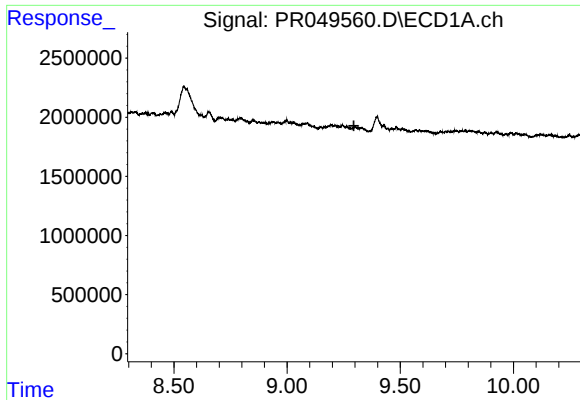
#42 AR-1268-2

R.T.: 8.999 min
Delta R.T.: -0.056 min
Response: 571046
Conc: 1.47 ng/ml



#42 AR-1268-2

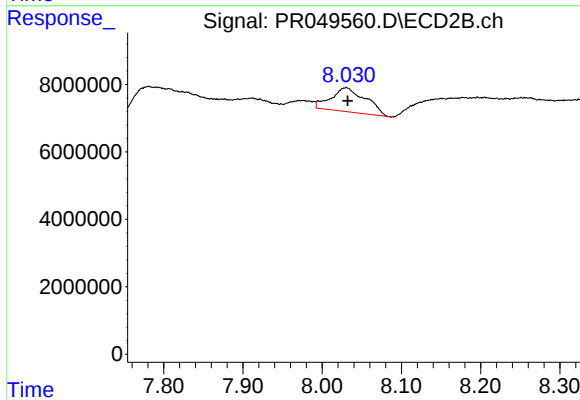
R.T.: 7.781 min
Delta R.T.: -0.044 min
Response: 35899717
Conc: 21.96 ng/ml



#43 AR-1268-3

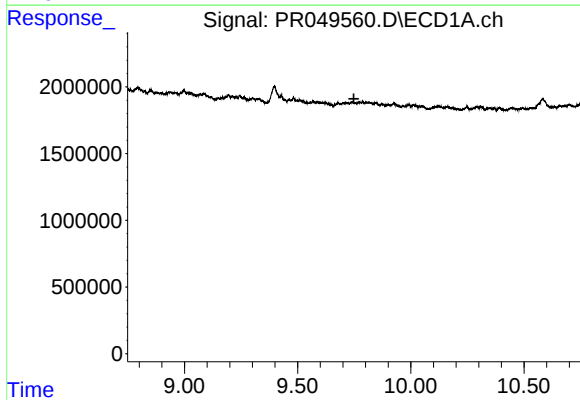
R.T.: 0.000 min
Exp R.T.: 9.295 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



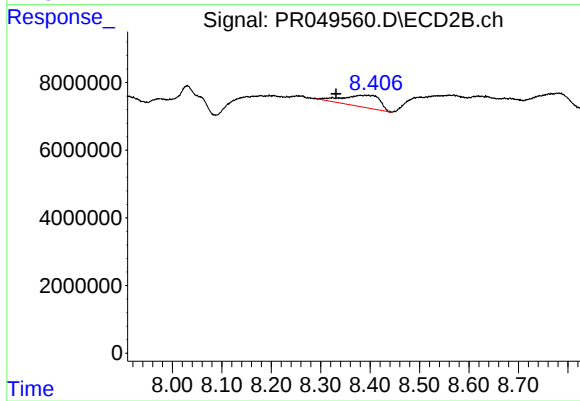
#43 AR-1268-3

R.T.: 8.030 min
Delta R.T.: -0.002 min
Response: 21583057
Conc: 15.01 ng/ml



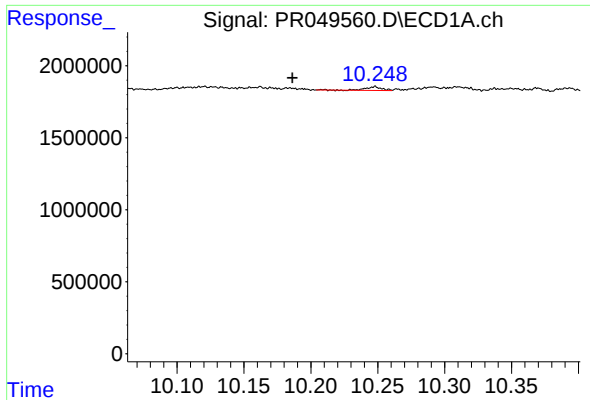
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.749 min
Response: 0
Conc: N.D.



#44 AR-1268-4

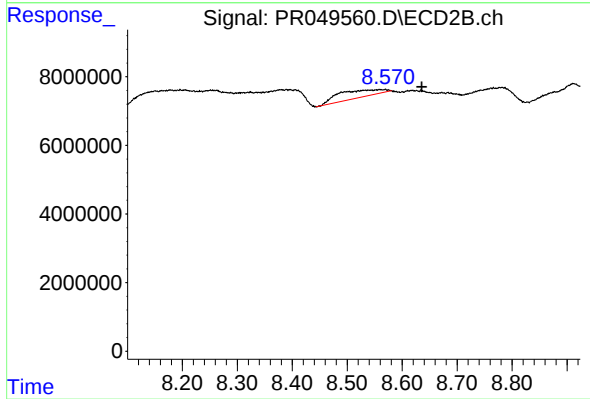
R.T.: 8.379 min
Delta R.T.: 0.048 min
Response: 17890491
Conc: 31.71 ng/ml



#45 AR-1268-5

R.T.: 10.248 min
Delta R.T.: 0.062 min
Response: 216217
Conc: 0.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.569 min
Delta R.T.: -0.067 min
Response: 12076058
Conc: 2.80 ng/ml