

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR083118\
 Data File : PR031720.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Aug 2018 20:28
 Operator : SM\SJ
 Sample : J4729-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 01 02:45:01 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR083018.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 31 07:21:10 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...	4.530	3.670	242.2E6	467.1E6	17.769	18.787
2)	SA Decachlor...	10.274	8.522	405.1E6	289.9E6	16.310	18.179
Target Compounds							
3)	L1 AR-1016-1	5.230	4.313	11981924	65643082	32.071	83.600 #
4)	L1 AR-1016-2	5.375	4.720	20102622	32835953	53.912	29.044 #
5)	L1 AR-1016-3	5.731	4.720	6896415	32835953	11.268	17.350 #
6)	L1 AR-1016-4	5.773	4.787	5728861	5672363	11.042	4.856 #
7)	L1 AR-1016-5	6.139	5.155	2464092	39178804	5.565	36.077 #
8)	L2 AR-1221-1	4.728	3.833	15500051	133.1E6	95.047	414.069 #
9)	L2 AR-1221-2	4.798	3.967	29046076	33667314	234.984	133.819 #
10)	L2 AR-1221-3	4.906	4.005	52465623	27407626	136.260	36.356 #
11)	L3 AR-1232-1	5.731	4.524	6896415	43157853	18.867	122.872 #
12)	L3 AR-1232-2	5.808	4.624	355952	68234100	2.104	591.419 #
13)	L3 AR-1232-3	6.078	4.957	32563546	73746702	693.007	195.361 #
14)	L3 AR-1232-4	6.345	5.309	21648708	62279030	446.542	133.886 #
15)	L3 AR-1232-5	7.248	0.000	20451413	0	619.493	N.D. #
16)	L4 AR-1242-1	5.274	4.313	30295012	65643082	192.870	196.653
17)	L4 AR-1242-2	5.985	4.907	36401114	23738022	122.809	32.002 #
18)	L4 AR-1242-3	6.181	5.014	24936868	43180177	160.063	167.899
19)	L4 AR-1242-4	6.298	5.362	3962034	14507356	33.365	58.150 #
20)	L4 AR-1242-5	6.298	5.755	3962034	44667101	10.362	76.994 #
21)	L5 AR-1248-1	5.954	4.957	4366336	73746702	8.605	66.641 #
22)	L5 AR-1248-2	6.522	5.508	4818132	106.4E6	8.982	46.742 #
23)	L5 AR-1248-3	6.562	5.508	9318565	106.4E6	12.786	66.751 #
24)	L5 AR-1248-4	6.607	5.675	6240693	77571771	9.045	53.779 #
25)	L5 AR-1248-5	6.779	6.029	26548376	81527750	56.115	78.344 #
26)	L6 AR-1254-1	6.779	5.632	26548376	103.3E6	20.049	40.550 #
27)	L6 AR-1254-2	7.037	5.970	2386965	55383267	2.874	30.374 #
28)	L6 AR-1254-3	7.122	6.289	2764683	105.5E6	1.864	32.162 #
29)	L6 AR-1254-4	7.413	0.000	14946340	0	12.477	N.D. #
30)	L6 AR-1254-5	7.653	6.649	3747880	43937472	4.325	20.858 #
31)	L7 AR-1260-1	7.248	6.164	20451413	160.6E6	20.372	70.722 #
32)	L7 AR-1260-2	7.544	6.339	5070905	90818858	3.830	32.587 #
33)	L7 AR-1260-3	7.832	0.000	2795219	0	1.811	N.D. #
34)	L7 AR-1260-4	8.129	0.000	1238895	0	1.104	N.D. #
35)	L7 AR-1260-5	8.450	7.182	23688696	29373279	9.141	9.981
36)	L8 AR-1262-1	7.184	6.029	8586723	81527750	14.509	57.428 #
37)	L8 AR-1262-2	7.911	6.760	4338485	41378783	7.407	38.568 #
38)	L8 AR-1262-3	8.197	7.052	4546879	101.9E6	8.777	122.035 #
39)	L8 AR-1262-4	8.858	7.448	30875007	4828028	20.175	4.156 #
40)	L8 AR-1262-5	9.555	8.067	6508665	64213867	5.793	75.151 #
41)	L9 AR-1268-1	7.911	6.723	4338485	134.4E6	7.486	129.567 #

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 ALS Vial : 17 Sample Multiplier: 1

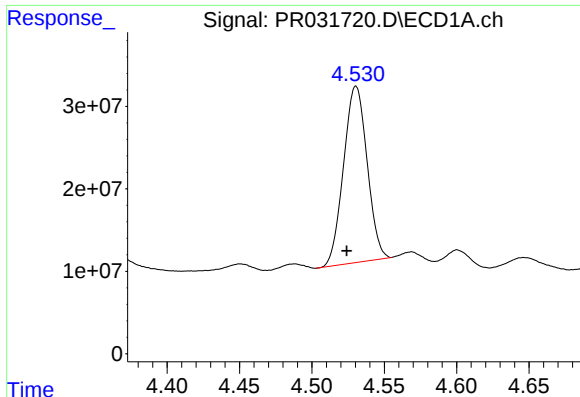
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 01 02:45:01 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR083018.M
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 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.129	7.497	1238895	19265716	1.532	7.533 #
43) L9	AR-1268-3	0.000	7.722	0	29785530	N.D.	13.743 #
45) L9	AR-1268-5	9.947	0.000	6455132	0	0.733	N.D. #

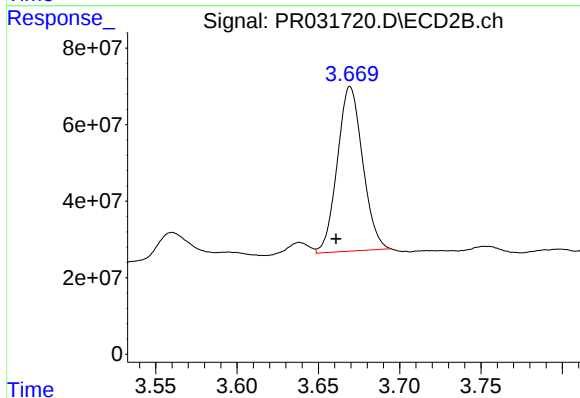
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

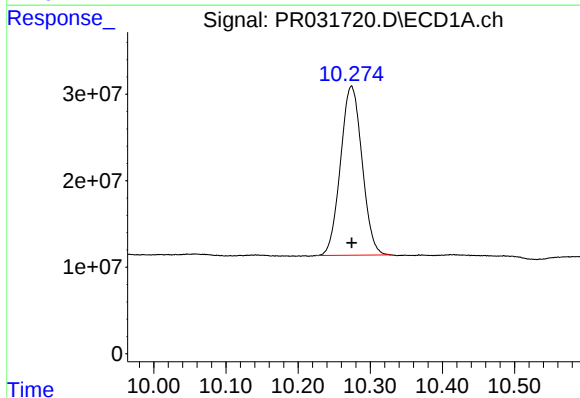
R.T.: 4.530 min
Delta R.T.: 0.006 min
Response: 242201308
Conc: 17.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



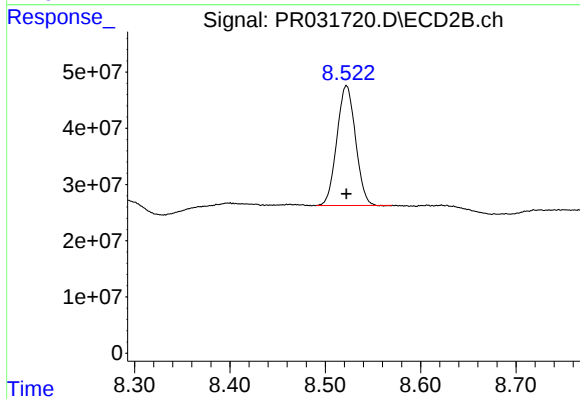
#1 Tetrachloro-m-xylene

R.T.: 3.670 min
Delta R.T.: 0.009 min
Response: 467079043
Conc: 18.79 ng/ml



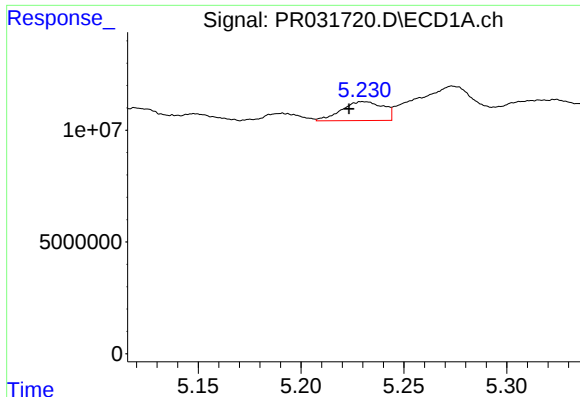
#2 Decachlorobiphenyl

R.T.: 10.274 min
Delta R.T.: 0.000 min
Response: 405060591
Conc: 16.31 ng/ml



#2 Decachlorobiphenyl

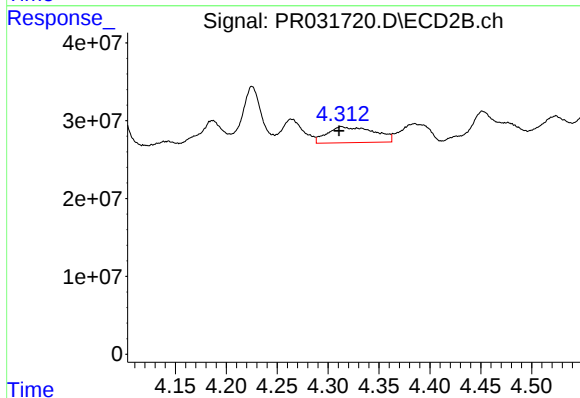
R.T.: 8.522 min
Delta R.T.: 0.000 min
Response: 289922625
Conc: 18.18 ng/ml



#3 AR-1016-1

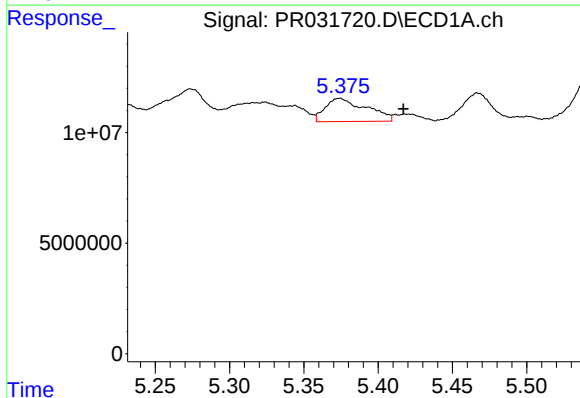
R.T.: 5.230 min
Delta R.T.: 0.006 min
Response: 11981924
Conc: 32.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



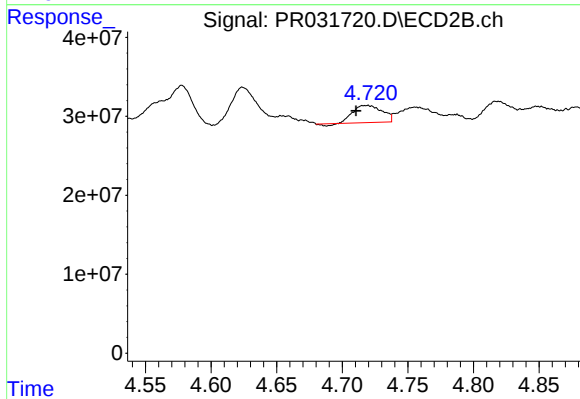
#3 AR-1016-1

R.T.: 4.313 min
Delta R.T.: 0.002 min
Response: 65643082
Conc: 83.60 ng/ml



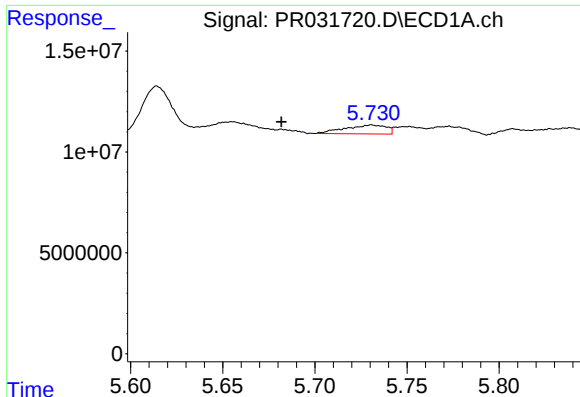
#4 AR-1016-2

R.T.: 5.375 min
Delta R.T.: -0.042 min
Response: 20102622
Conc: 53.91 ng/ml



#4 AR-1016-2

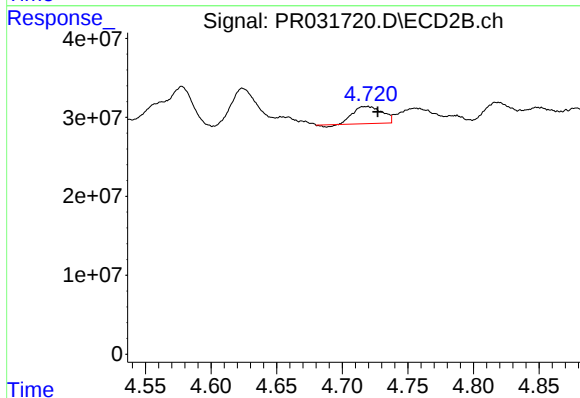
R.T.: 4.720 min
Delta R.T.: 0.009 min
Response: 32835953
Conc: 29.04 ng/ml



#5 AR-1016-3

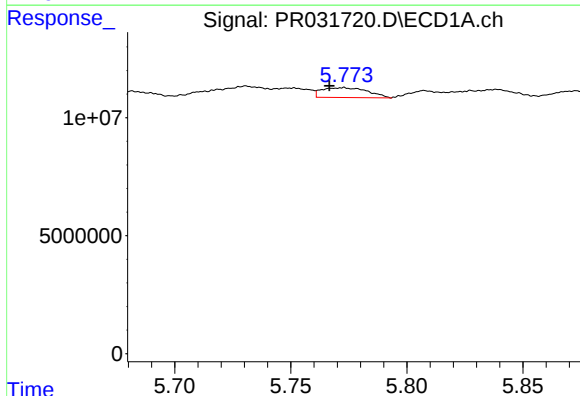
R.T.: 5.731 min
Delta R.T.: 0.049 min
Response: 6896415
Conc: 11.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



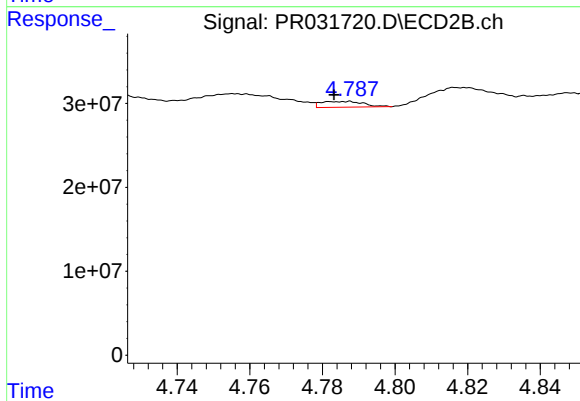
#5 AR-1016-3

R.T.: 4.720 min
Delta R.T.: -0.007 min
Response: 32835953
Conc: 17.35 ng/ml



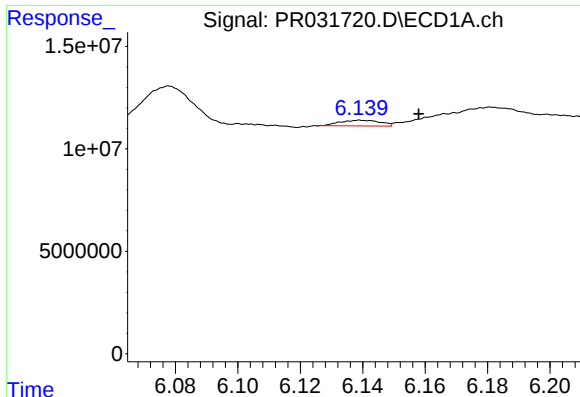
#6 AR-1016-4

R.T.: 5.773 min
Delta R.T.: 0.006 min
Response: 5728861
Conc: 11.04 ng/ml



#6 AR-1016-4

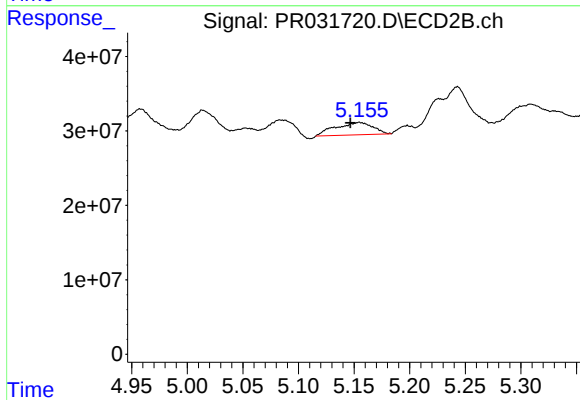
R.T.: 4.787 min
Delta R.T.: 0.004 min
Response: 5672363
Conc: 4.86 ng/ml



#7 AR-1016-5

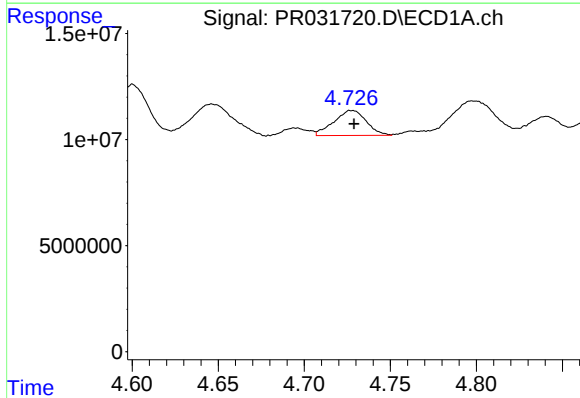
R.T.: 6.139 min
Delta R.T.: -0.019 min
Response: 2464092
Conc: 5.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



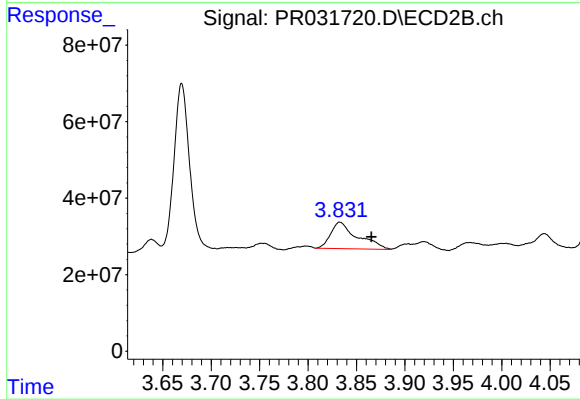
#7 AR-1016-5

R.T.: 5.155 min
Delta R.T.: 0.008 min
Response: 39178804
Conc: 36.08 ng/ml



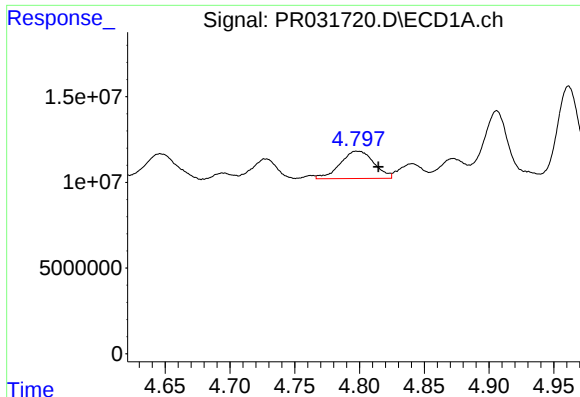
#8 AR-1221-1

R.T.: 4.728 min
Delta R.T.: -0.001 min
Response: 15500051
Conc: 95.05 ng/ml



#8 AR-1221-1

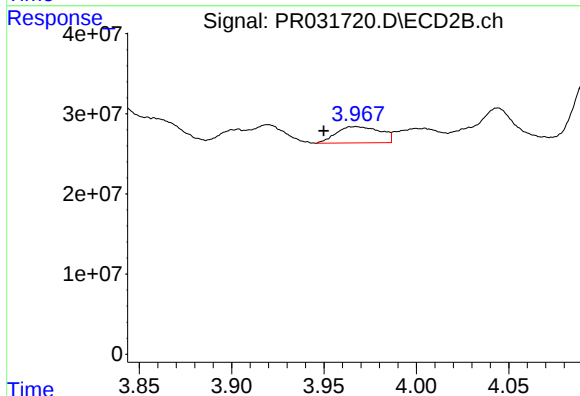
R.T.: 3.833 min
Delta R.T.: -0.033 min
Response: 133135681
Conc: 414.07 ng/ml



#9 AR-1221-2

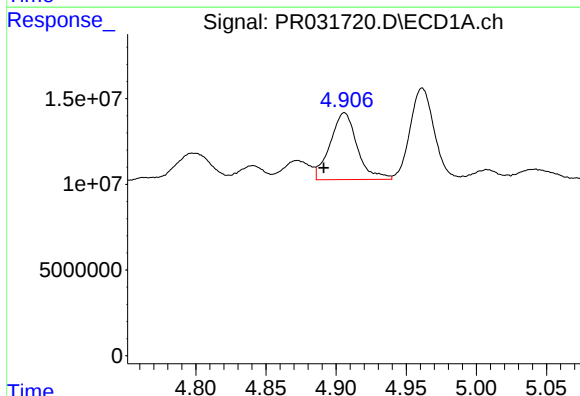
R.T.: 4.798 min
Delta R.T.: -0.017 min
Response: 29046076
Conc: 234.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



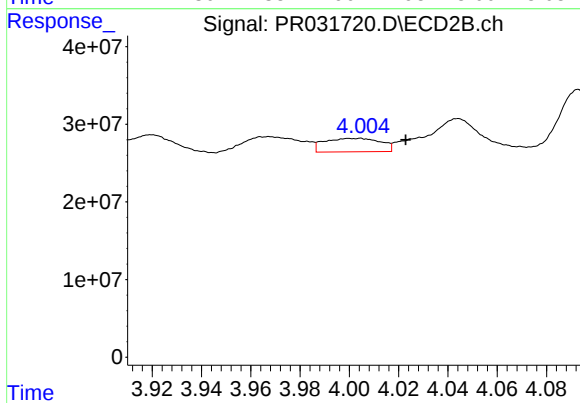
#9 AR-1221-2

R.T.: 3.967 min
Delta R.T.: 0.018 min
Response: 33667314
Conc: 133.82 ng/ml



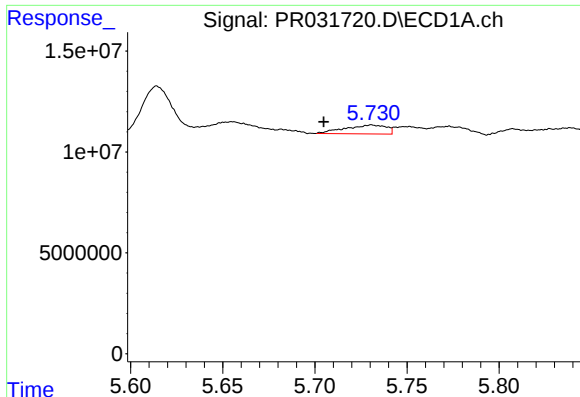
#10 AR-1221-3

R.T.: 4.906 min
Delta R.T.: 0.015 min
Response: 52465623
Conc: 136.26 ng/ml



#10 AR-1221-3

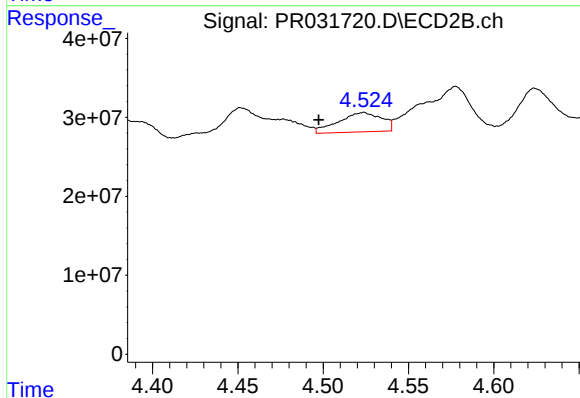
R.T.: 4.005 min
Delta R.T.: -0.018 min
Response: 27407626
Conc: 36.36 ng/ml



#11 AR-1232-1

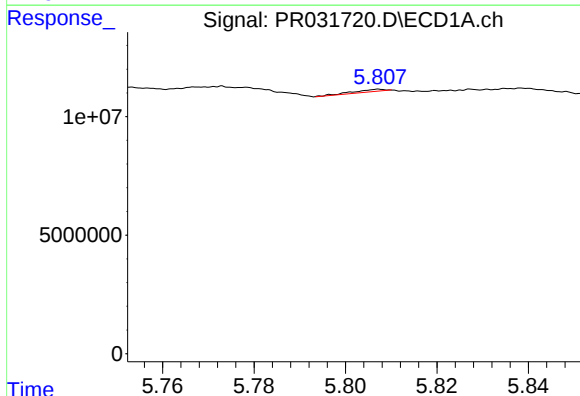
R.T.: 5.731 min
Delta R.T.: 0.026 min
Response: 6896415
Conc: 18.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



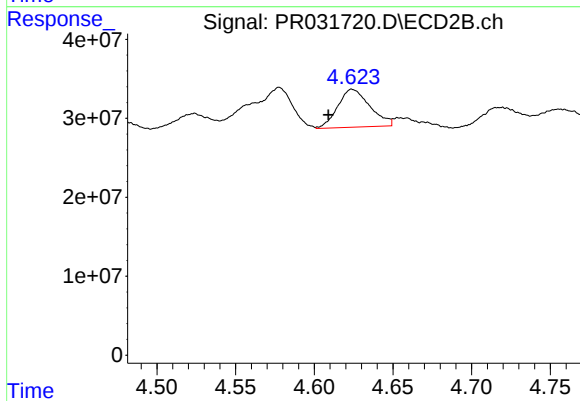
#11 AR-1232-1

R.T.: 4.524 min
Delta R.T.: 0.027 min
Response: 43157853
Conc: 122.87 ng/ml



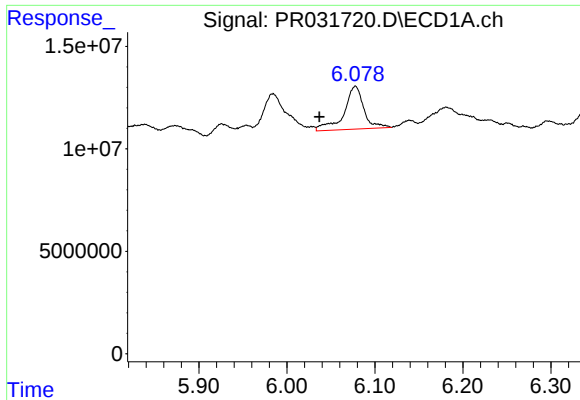
#12 AR-1232-2

R.T.: 5.808 min
Delta R.T.: -0.058 min
Response: 355952
Conc: 2.10 ng/ml



#12 AR-1232-2

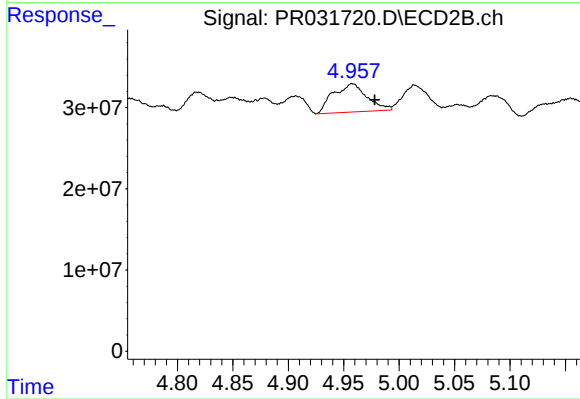
R.T.: 4.624 min
Delta R.T.: 0.015 min
Response: 68234100
Conc: 591.42 ng/ml



#13 AR-1232-3

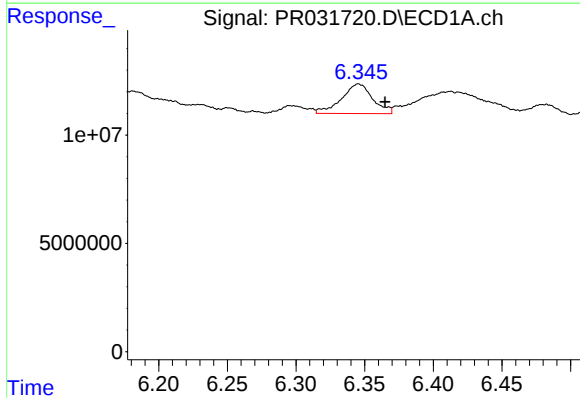
R.T.: 6.078 min
Delta R.T.: 0.041 min
Response: 32563546
Conc: 693.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



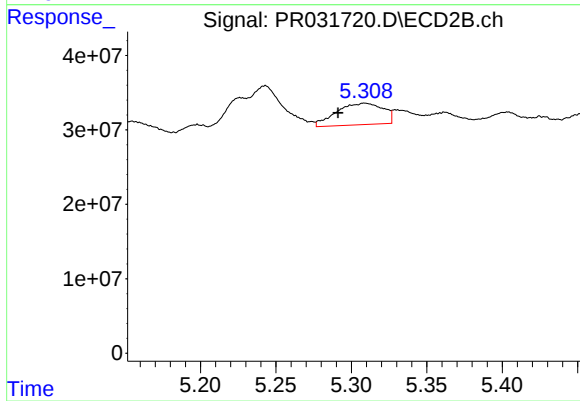
#13 AR-1232-3

R.T.: 4.957 min
Delta R.T.: -0.021 min
Response: 73746702
Conc: 195.36 ng/ml



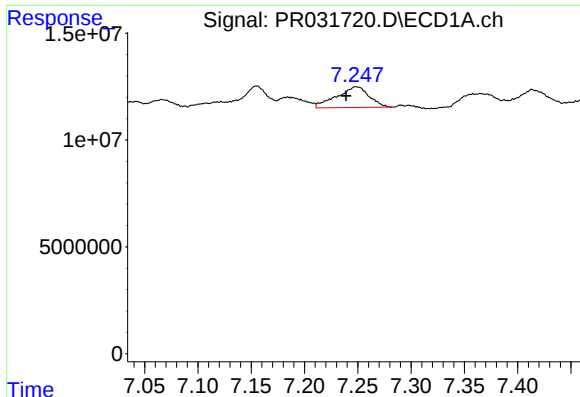
#14 AR-1232-4

R.T.: 6.345 min
Delta R.T.: -0.020 min
Response: 21648708
Conc: 446.54 ng/ml



#14 AR-1232-4

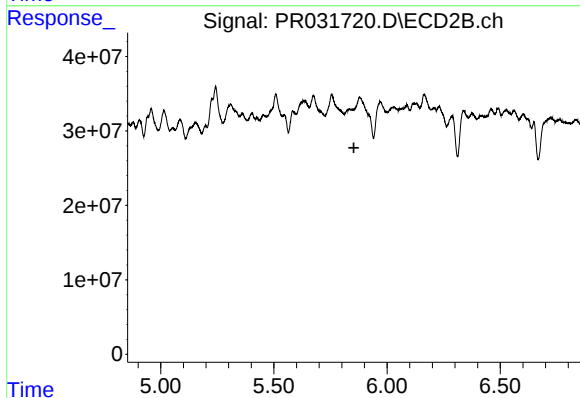
R.T.: 5.309 min
Delta R.T.: 0.017 min
Response: 62279030
Conc: 133.89 ng/ml



#15 AR-1232-5

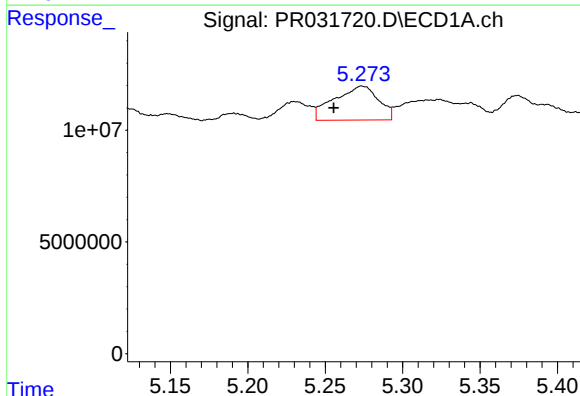
R.T.: 7.248 min
Delta R.T.: 0.009 min
Response: 20451413
Conc: 619.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



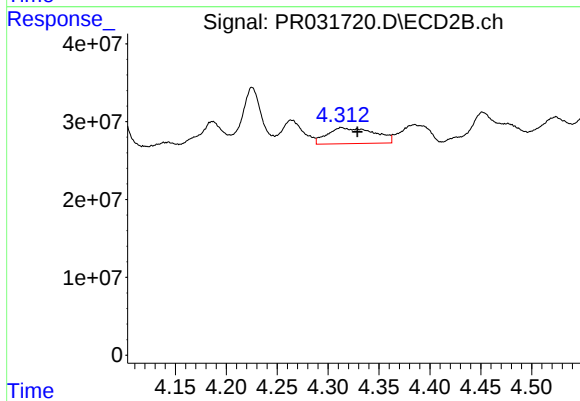
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.853 min
Response: 0
Conc: N.D.



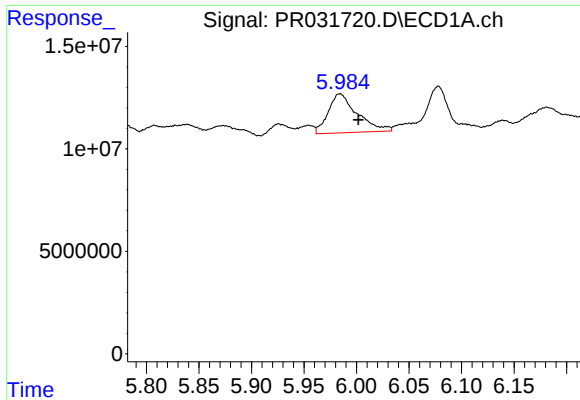
#16 AR-1242-1

R.T.: 5.274 min
Delta R.T.: 0.018 min
Response: 30295012
Conc: 192.87 ng/ml



#16 AR-1242-1

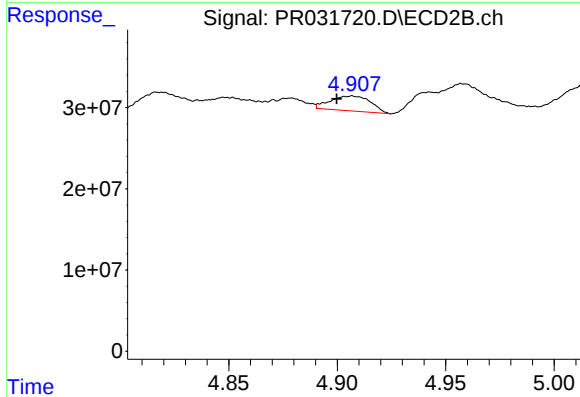
R.T.: 4.313 min
Delta R.T.: -0.016 min
Response: 65643082
Conc: 196.65 ng/ml



#17 AR-1242-2

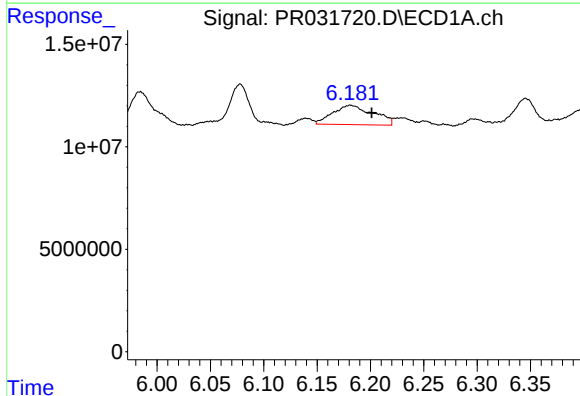
R.T.: 5.985 min
Delta R.T.: -0.017 min
Response: 36401114
Conc: 122.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



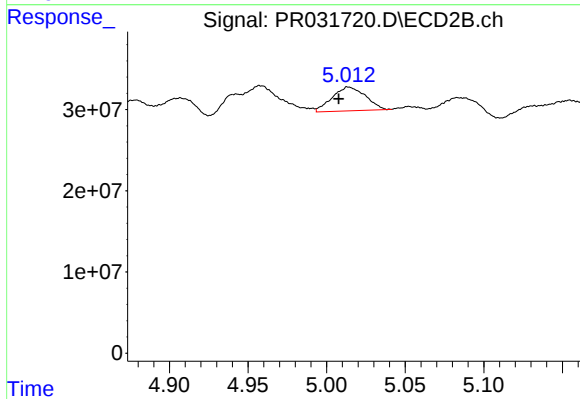
#17 AR-1242-2

R.T.: 4.907 min
Delta R.T.: 0.007 min
Response: 23738022
Conc: 32.00 ng/ml



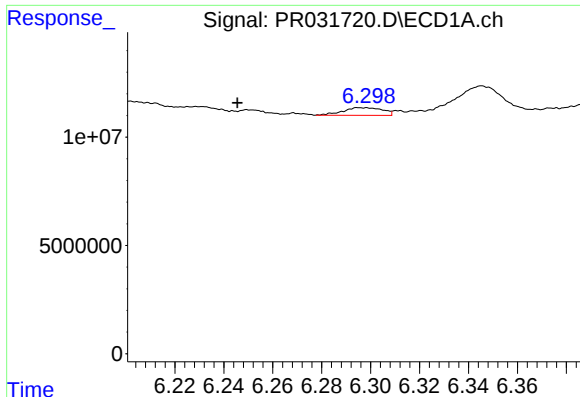
#18 AR-1242-3

R.T.: 6.181 min
Delta R.T.: -0.020 min
Response: 24936868
Conc: 160.06 ng/ml



#18 AR-1242-3

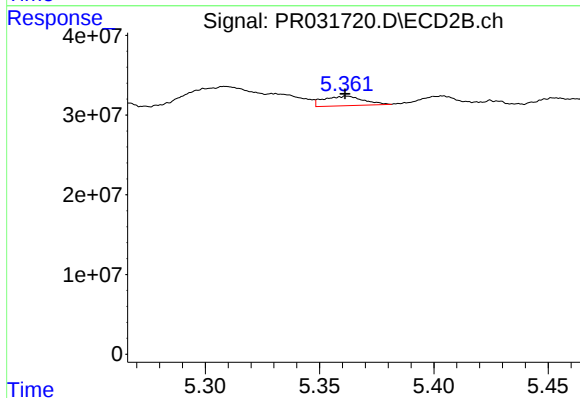
R.T.: 5.014 min
Delta R.T.: 0.006 min
Response: 43180177
Conc: 167.90 ng/ml



#19 AR-1242-4

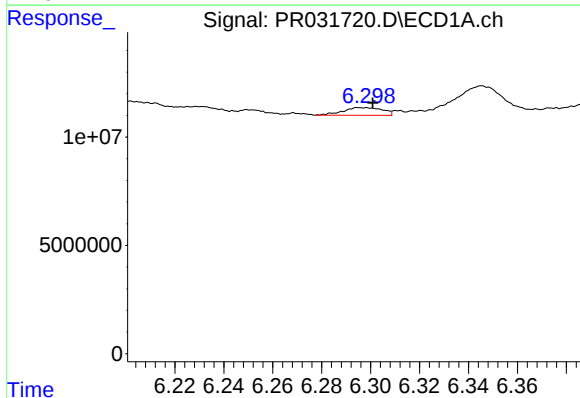
R.T.: 6.298 min
Delta R.T.: 0.053 min
Response: 3962034
Conc: 33.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



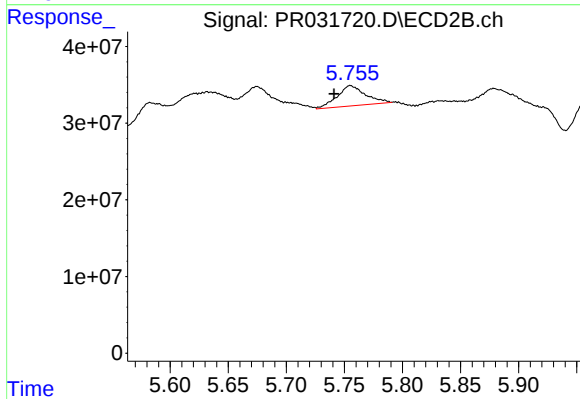
#19 AR-1242-4

R.T.: 5.362 min
Delta R.T.: 0.000 min
Response: 14507356
Conc: 58.15 ng/ml



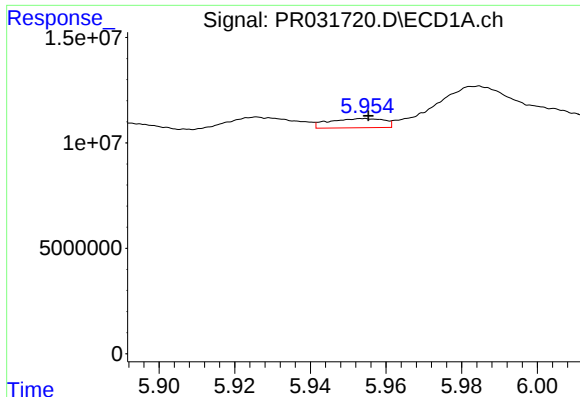
#20 AR-1242-5

R.T.: 6.298 min
Delta R.T.: -0.003 min
Response: 3962034
Conc: 10.36 ng/ml



#20 AR-1242-5

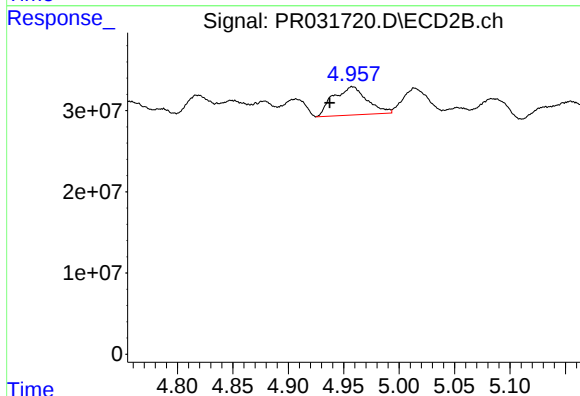
R.T.: 5.755 min
Delta R.T.: 0.014 min
Response: 44667101
Conc: 76.99 ng/ml



#21 AR-1248-1

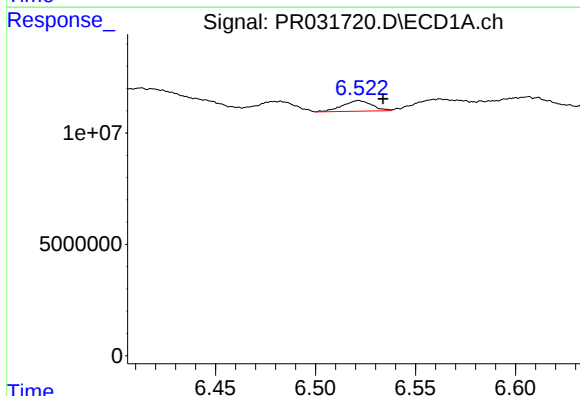
R.T.: 5.954 min
Delta R.T.: -0.001 min
Response: 4366336
Conc: 8.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



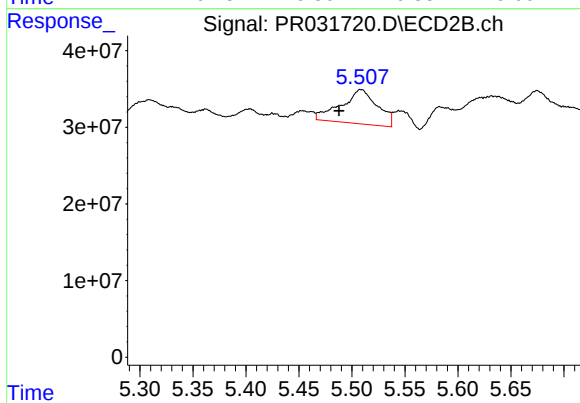
#21 AR-1248-1

R.T.: 4.957 min
Delta R.T.: 0.020 min
Response: 73746702
Conc: 66.64 ng/ml



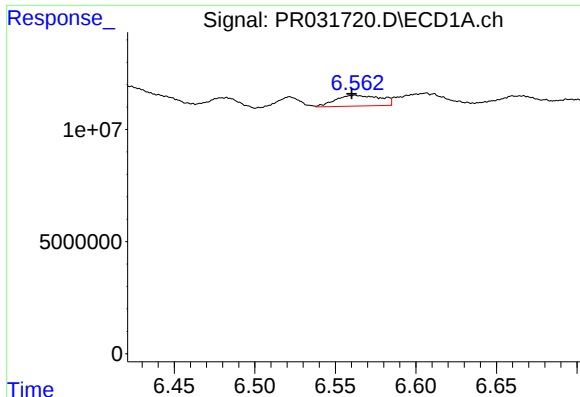
#22 AR-1248-2

R.T.: 6.522 min
Delta R.T.: -0.012 min
Response: 4818132
Conc: 8.98 ng/ml



#22 AR-1248-2

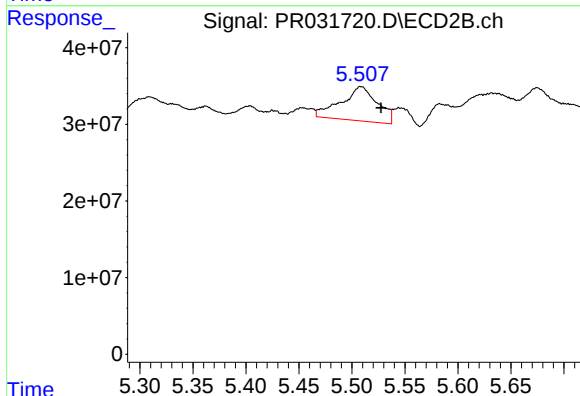
R.T.: 5.508 min
Delta R.T.: 0.020 min
Response: 106373161
Conc: 46.74 ng/ml



#23 AR-1248-3

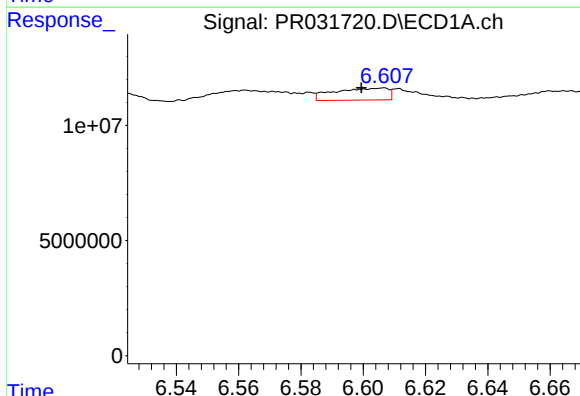
R.T.: 6.562 min
Delta R.T.: 0.002 min
Response: 9318565
Conc: 12.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



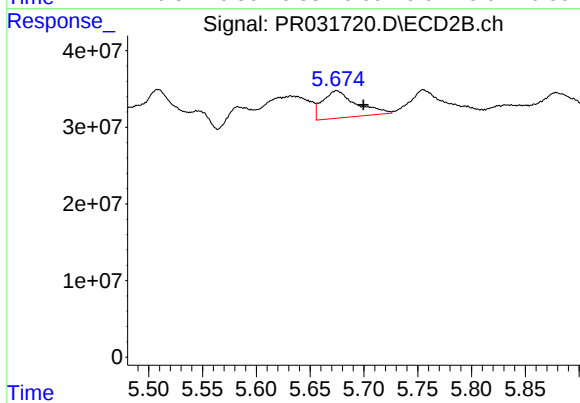
#23 AR-1248-3

R.T.: 5.508 min
Delta R.T.: -0.019 min
Response: 106373161
Conc: 66.75 ng/ml



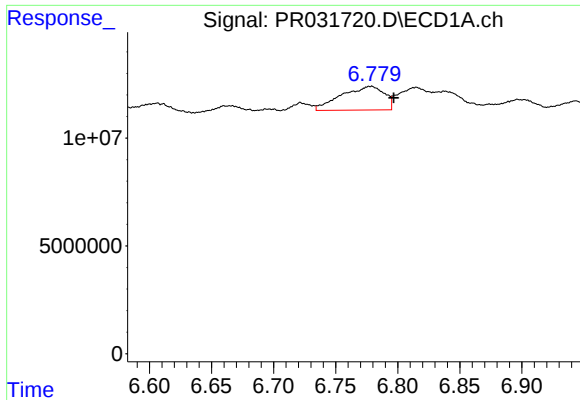
#24 AR-1248-4

R.T.: 6.607 min
Delta R.T.: 0.007 min
Response: 6240693
Conc: 9.05 ng/ml



#24 AR-1248-4

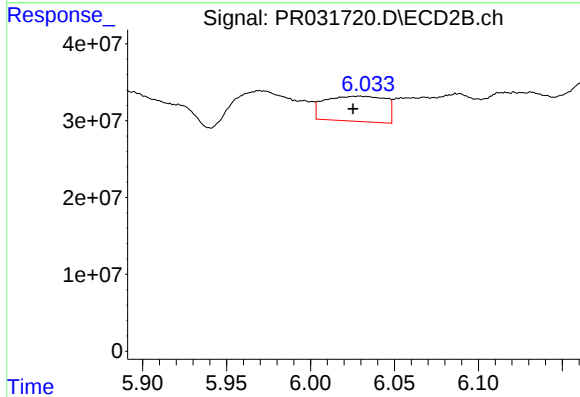
R.T.: 5.675 min
Delta R.T.: -0.025 min
Response: 77571771
Conc: 53.78 ng/ml



#25 AR-1248-5

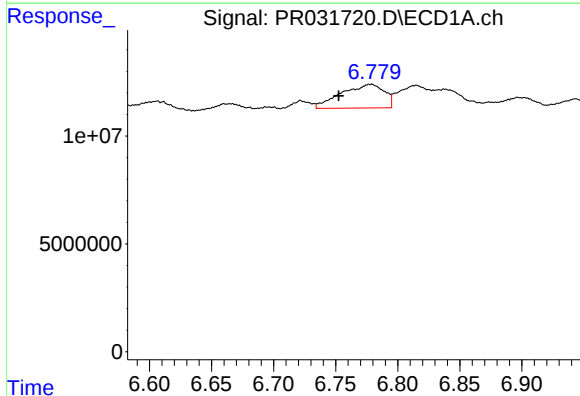
R.T.: 6.779 min
Delta R.T.: -0.018 min
Response: 26548376
Conc: 56.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



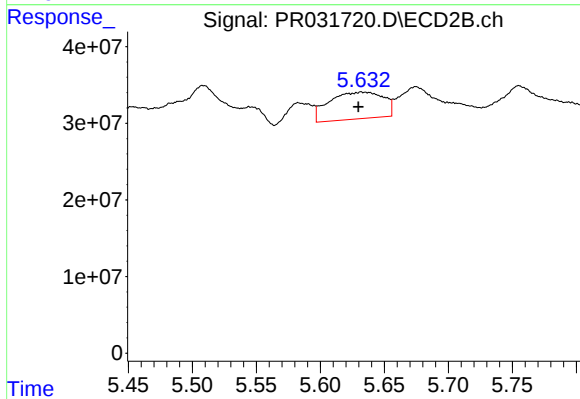
#25 AR-1248-5

R.T.: 6.029 min
Delta R.T.: 0.004 min
Response: 81527750
Conc: 78.34 ng/ml



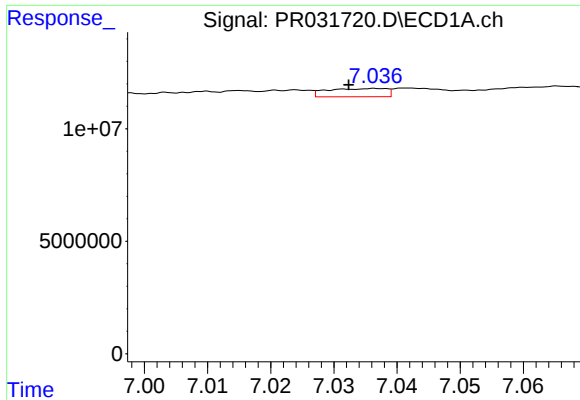
#26 AR-1254-1

R.T.: 6.779 min
Delta R.T.: 0.027 min
Response: 26548376
Conc: 20.05 ng/ml



#26 AR-1254-1

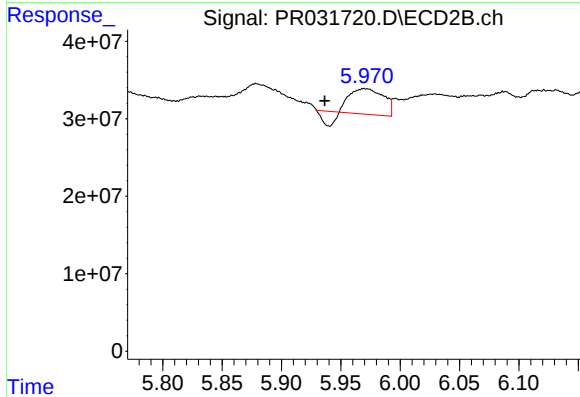
R.T.: 5.632 min
Delta R.T.: 0.002 min
Response: 103343969
Conc: 40.55 ng/ml



#27 AR-1254-2

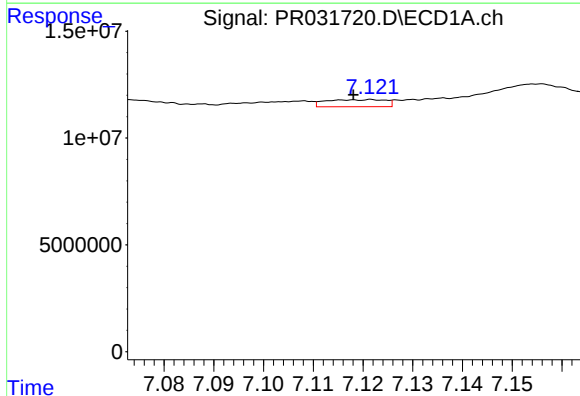
R.T.: 7.037 min
Delta R.T.: 0.005 min
Response: 2386965
Conc: 2.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



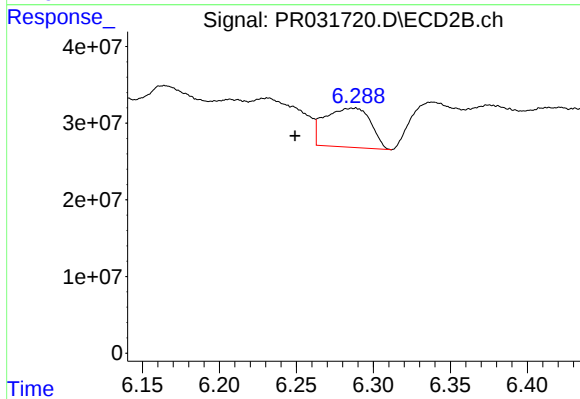
#27 AR-1254-2

R.T.: 5.970 min
Delta R.T.: 0.033 min
Response: 55383267
Conc: 30.37 ng/ml



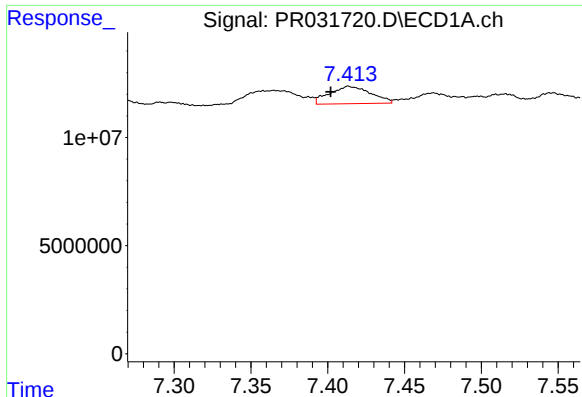
#28 AR-1254-3

R.T.: 7.122 min
Delta R.T.: 0.004 min
Response: 2764683
Conc: 1.86 ng/ml



#28 AR-1254-3

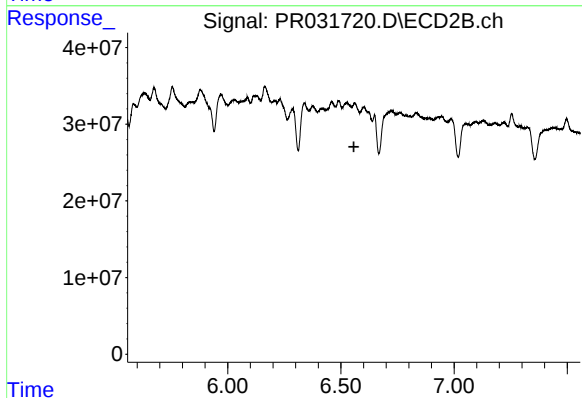
R.T.: 6.289 min
Delta R.T.: 0.039 min
Response: 105457789
Conc: 32.16 ng/ml



#29 AR-1254-4

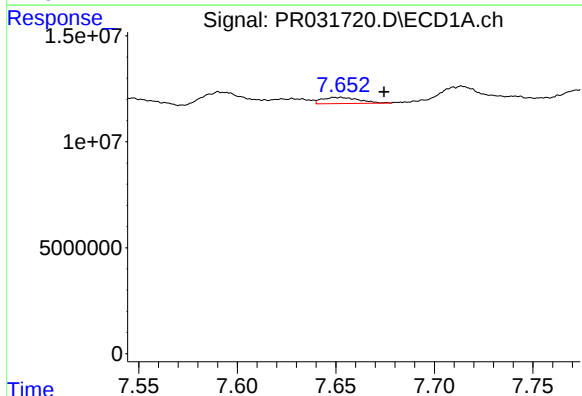
R.T.: 7.413 min
Delta R.T.: 0.012 min
Response: 14946340
Conc: 12.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



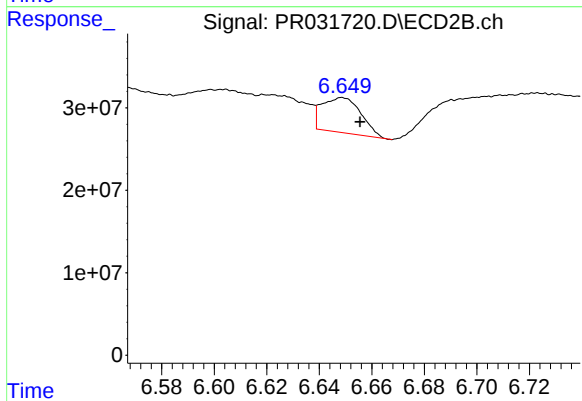
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.558 min
Response: 0
Conc: N.D.



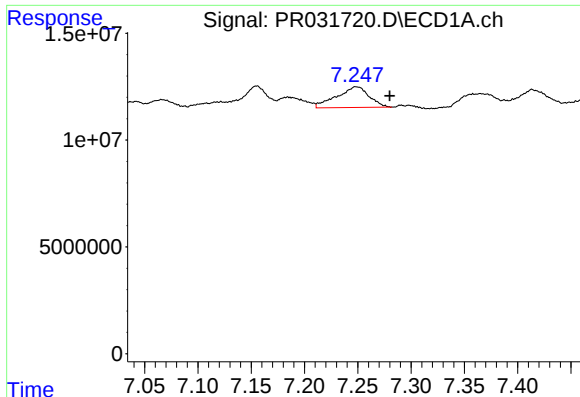
#30 AR-1254-5

R.T.: 7.653 min
Delta R.T.: -0.022 min
Response: 3747880
Conc: 4.32 ng/ml



#30 AR-1254-5

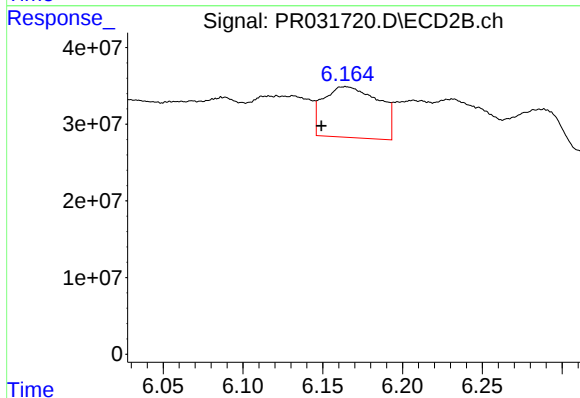
R.T.: 6.649 min
Delta R.T.: -0.007 min
Response: 43937472
Conc: 20.86 ng/ml



#31 AR-1260-1

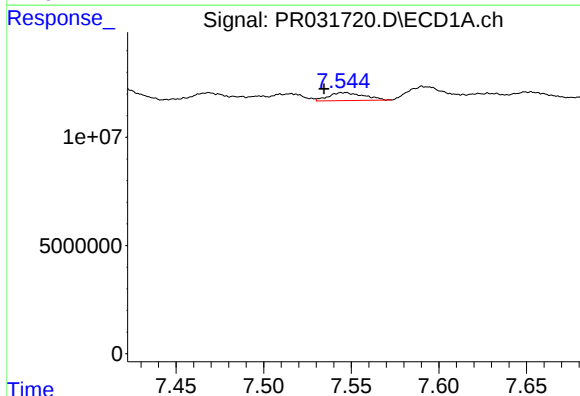
R.T.: 7.248 min
Delta R.T.: -0.032 min
Response: 20451413
Conc: 20.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



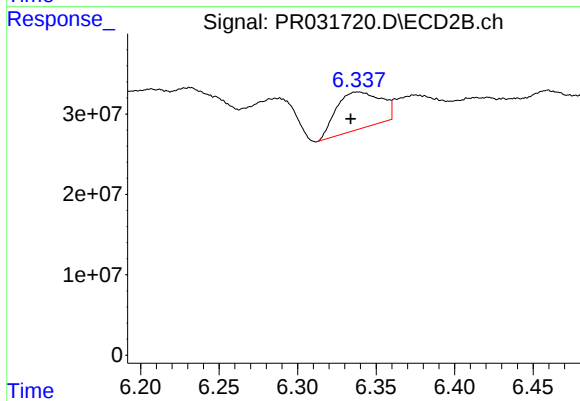
#31 AR-1260-1

R.T.: 6.164 min
Delta R.T.: 0.015 min
Response: 160570345
Conc: 70.72 ng/ml



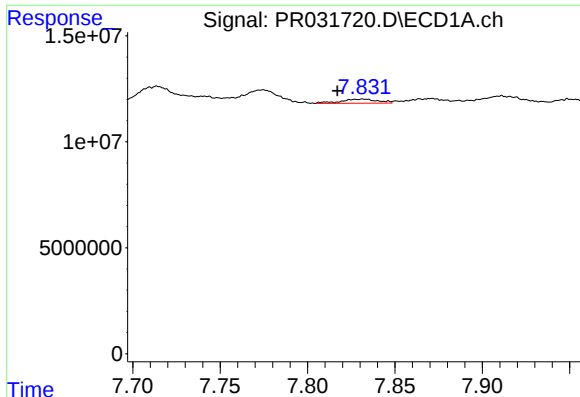
#32 AR-1260-2

R.T.: 7.544 min
Delta R.T.: 0.010 min
Response: 5070905
Conc: 3.83 ng/ml



#32 AR-1260-2

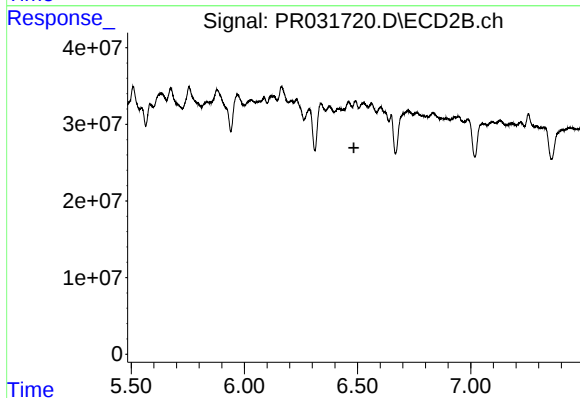
R.T.: 6.339 min
Delta R.T.: 0.005 min
Response: 90818858
Conc: 32.59 ng/ml



#33 AR-1260-3

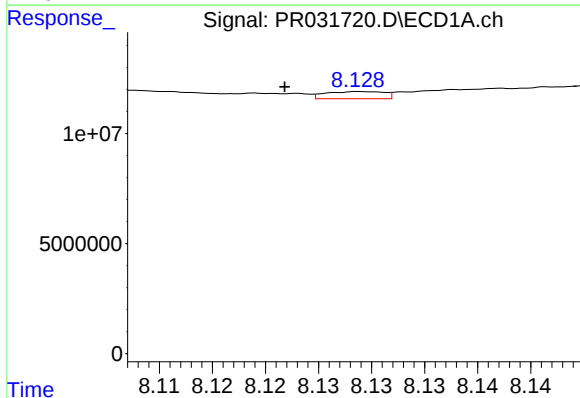
R.T.: 7.832 min
Delta R.T.: 0.015 min
Response: 2795219
Conc: 1.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



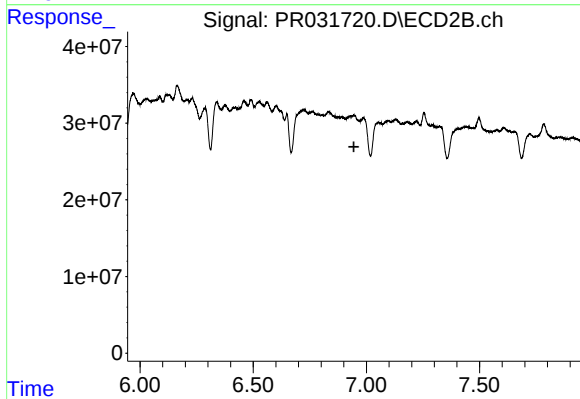
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.484 min
Response: 0
Conc: N.D.



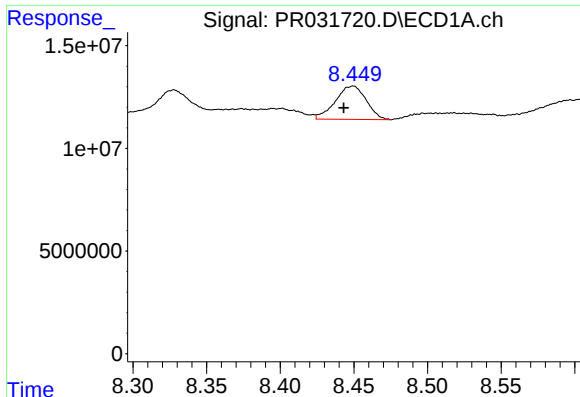
#34 AR-1260-4

R.T.: 8.129 min
Delta R.T.: 0.008 min
Response: 1238895
Conc: 1.10 ng/ml



#34 AR-1260-4

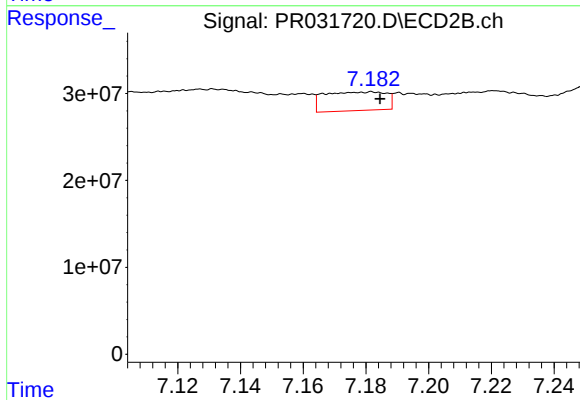
R.T.: 0.000 min
Exp R.T. : 6.945 min
Response: 0
Conc: N.D.



#35 AR-1260-5

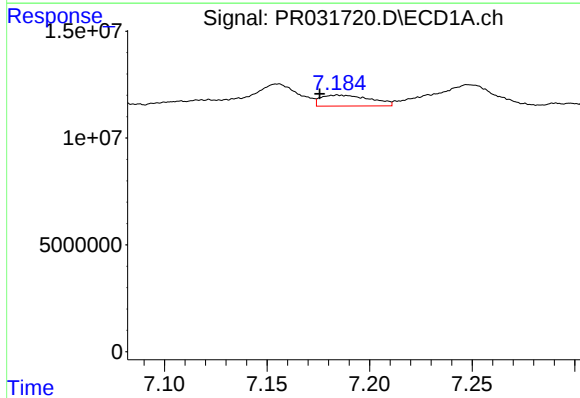
R.T.: 8.450 min
Delta R.T.: 0.006 min
Response: 23688696
Conc: 9.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



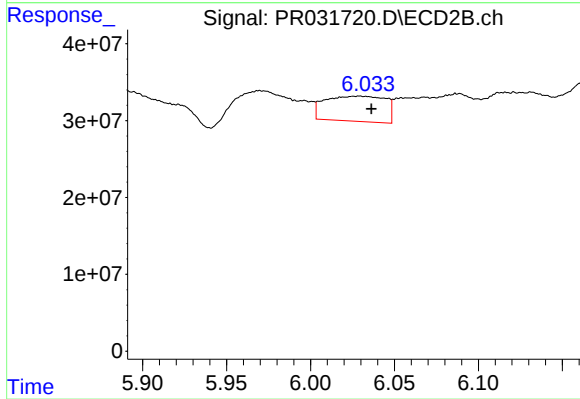
#35 AR-1260-5

R.T.: 7.182 min
Delta R.T.: -0.003 min
Response: 29373279
Conc: 9.98 ng/ml



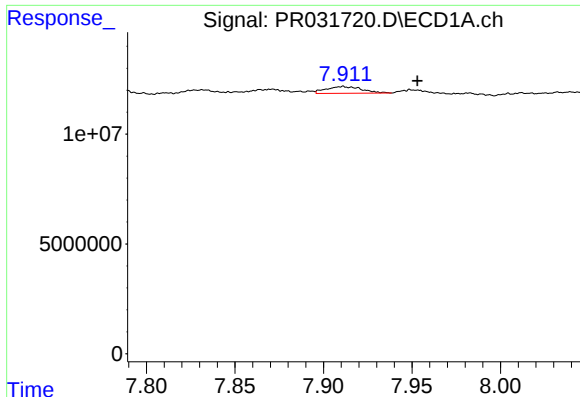
#36 AR-1262-1

R.T.: 7.184 min
Delta R.T.: 0.009 min
Response: 8586723
Conc: 14.51 ng/ml



#36 AR-1262-1

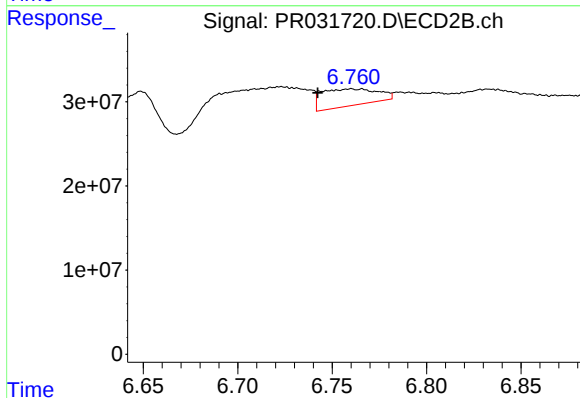
R.T.: 6.029 min
Delta R.T.: -0.007 min
Response: 81527750
Conc: 57.43 ng/ml



#37 AR-1262-2

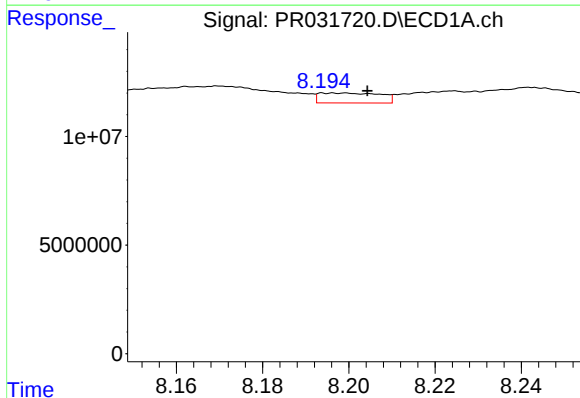
R.T.: 7.911 min
Delta R.T.: -0.042 min
Response: 4338485
Conc: 7.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



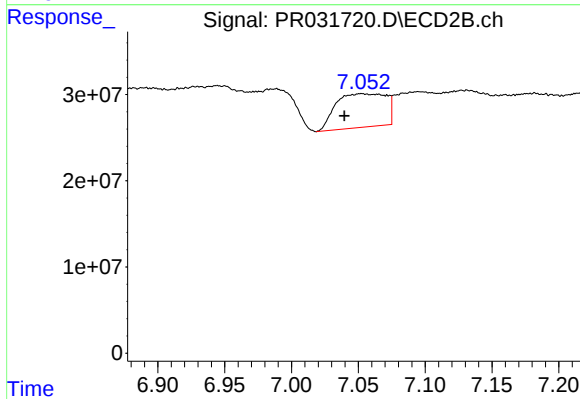
#37 AR-1262-2

R.T.: 6.760 min
Delta R.T.: 0.018 min
Response: 41378783
Conc: 38.57 ng/ml



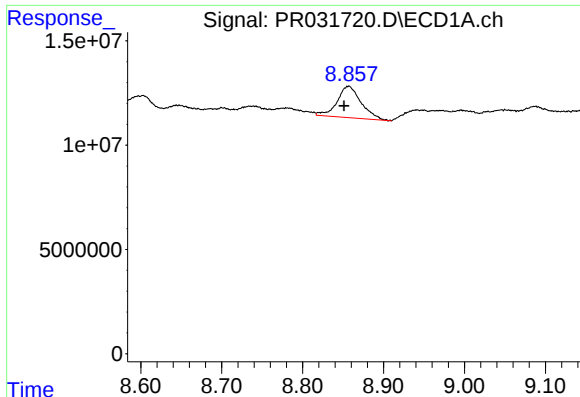
#38 AR-1262-3

R.T.: 8.197 min
Delta R.T.: -0.008 min
Response: 4546879
Conc: 8.78 ng/ml



#38 AR-1262-3

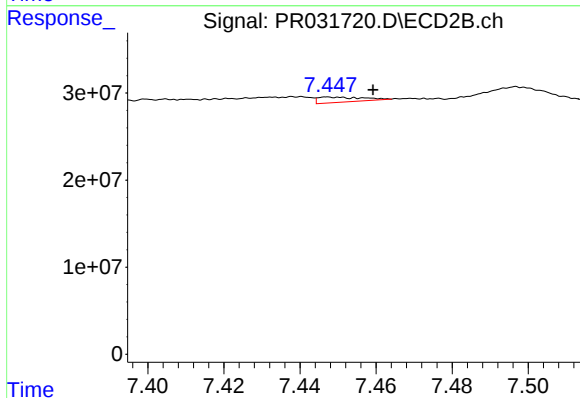
R.T.: 7.052 min
Delta R.T.: 0.013 min
Response: 101948826
Conc: 122.04 ng/ml



#39 AR-1262-4

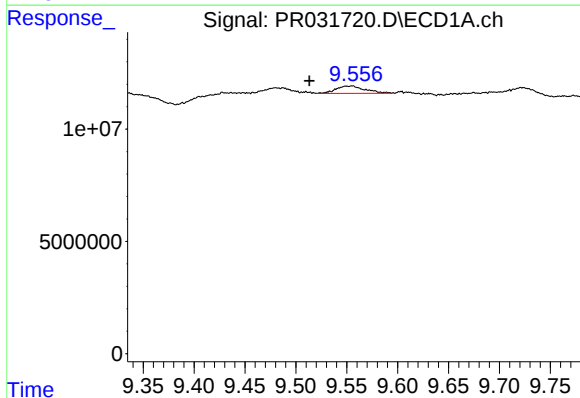
R.T.: 8.858 min
Delta R.T.: 0.007 min
Response: 30875007
Conc: 20.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



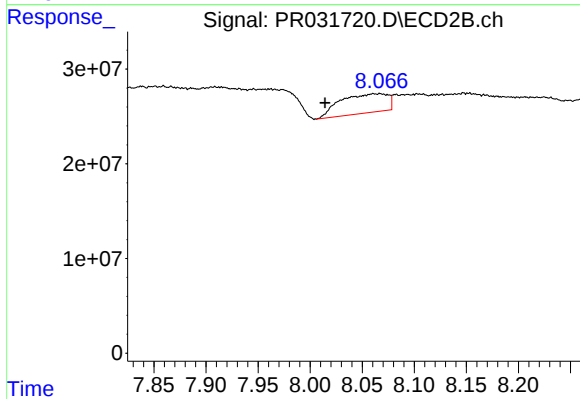
#39 AR-1262-4

R.T.: 7.448 min
Delta R.T.: -0.012 min
Response: 4828028
Conc: 4.16 ng/ml



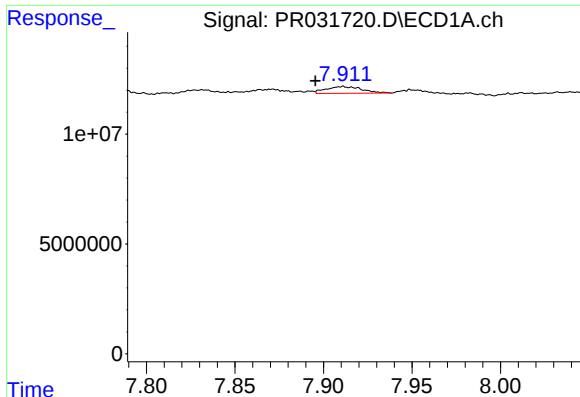
#40 AR-1262-5

R.T.: 9.555 min
Delta R.T.: 0.042 min
Response: 6508665
Conc: 5.79 ng/ml



#40 AR-1262-5

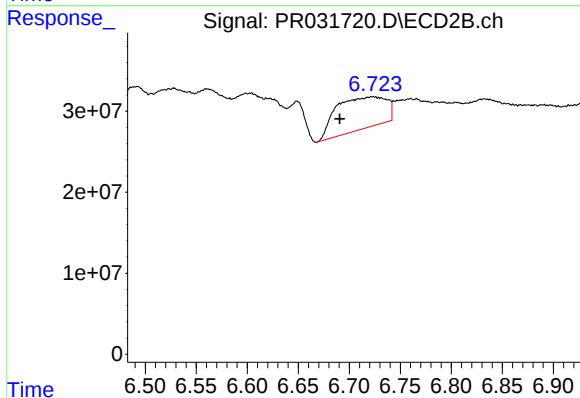
R.T.: 8.067 min
Delta R.T.: 0.053 min
Response: 64213867
Conc: 75.15 ng/ml



#41 AR-1268-1

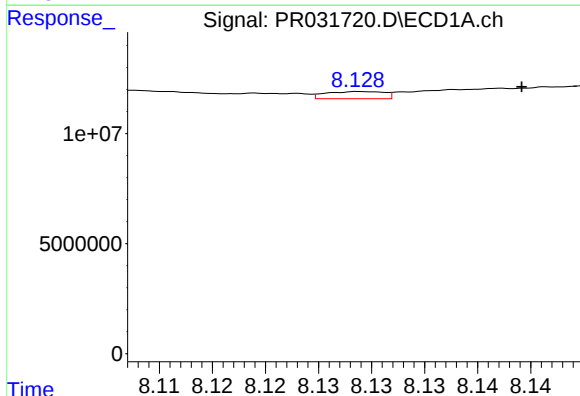
R.T.: 7.911 min
Delta R.T.: 0.016 min
Response: 4338485
Conc: 7.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



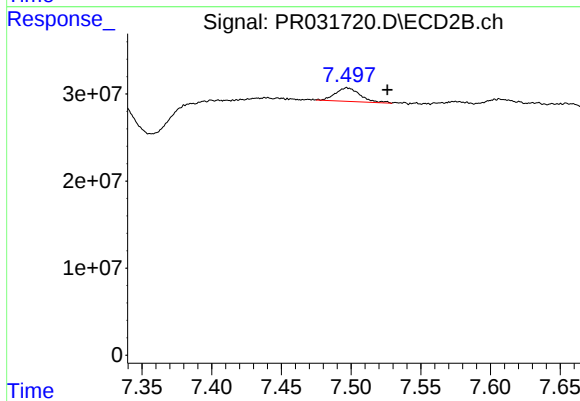
#41 AR-1268-1

R.T.: 6.723 min
Delta R.T.: 0.032 min
Response: 134351645
Conc: 129.57 ng/ml



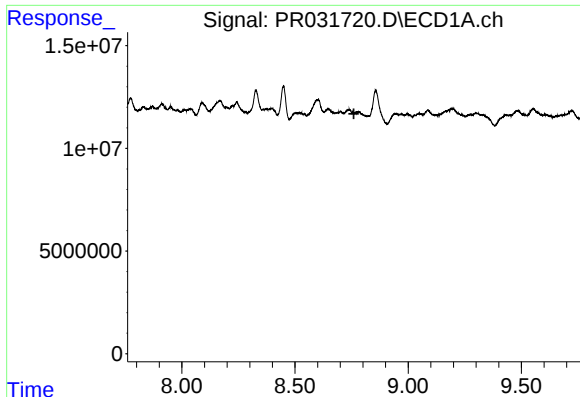
#42 AR-1268-2

R.T.: 8.129 min
Delta R.T.: -0.015 min
Response: 1238895
Conc: 1.53 ng/ml



#42 AR-1268-2

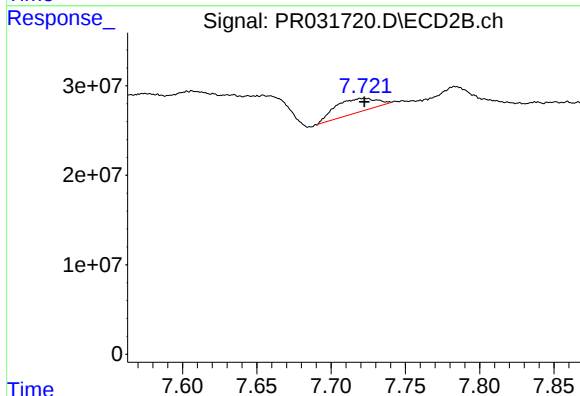
R.T.: 7.497 min
Delta R.T.: -0.029 min
Response: 19265716
Conc: 7.53 ng/ml



#43 AR-1268-3

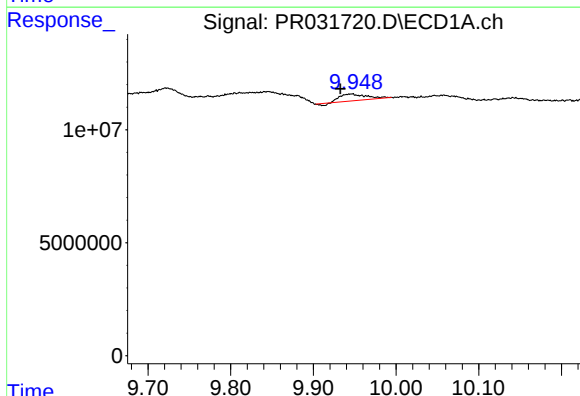
R.T.: 0.000 min
Exp R.T.: 8.760 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



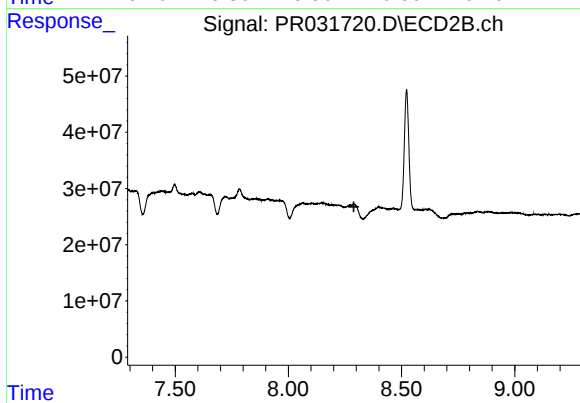
#43 AR-1268-3

R.T.: 7.722 min
Delta R.T.: 0.000 min
Response: 29785530
Conc: 13.74 ng/ml



#45 AR-1268-5

R.T.: 9.947 min
Delta R.T.: 0.014 min
Response: 6455132
Conc: 0.73 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 8.290 min
Response: 0
Conc: N.D.