

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092118\
 Data File : PR032186.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Sep 2018 11:20
 Operator : SM\SJ
 Sample : PB113084BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 12:14:40 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	464.3E6	909.4E6	23.354	21.732
2)	SA Decachlor...	10.253	8.499	602.9E6	463.9E6	20.582	20.632
Target Compounds							
3)	L1 AR-1016-1	5.165	4.311	391283	2641278	0.753	2.283 #
4)	L1 AR-1016-2	5.416	4.709	112453	2949037	0.213	1.715 #
5)	L1 AR-1016-3	5.655	4.709	285771	2949037	0.350	0.933 #
6)	L1 AR-1016-4	5.725	4.736	1297619	7286938	1.812	4.071 #
7)	L1 AR-1016-5	6.136	0.000	144496	0	0.237	N.D. #
8)	L2 AR-1221-1	4.749	3.841	245750	2333871	0.917	4.392 #
9)	L2 AR-1221-2	4.818	3.938	6173900	10390923	30.192	25.882
10)	L2 AR-1221-3	4.895	4.018	794465	1823063	1.274	1.455
11)	L3 AR-1232-1	5.691	4.484	506880	3135968	1.050	5.462 #
12)	L3 AR-1232-2	5.857	4.586	838199	8190555	3.378	42.548 #
13)	L3 AR-1232-3	6.041	4.963	189585	1017894	1.679	1.847
14)	L3 AR-1232-4	6.354	5.256	178371	1614001	2.365	2.294
15)	L3 AR-1232-5	7.236	5.836	207935	363582	3.190	4.392 #
16)	L4 AR-1242-1	5.278	4.311	89572	2641278	0.400	4.906 #
17)	L4 AR-1242-2	5.972	4.865	852764	209496	2.039	0.187 #
18)	L4 AR-1242-3	6.190	4.991	1313602	2242697	5.988	5.645
19)	L4 AR-1242-4	6.222	5.339	1157668	1464311	6.852	3.933 #
20)	L4 AR-1242-5	6.277	5.739	520813	13201231	0.940	15.762 #
21)	L5 AR-1248-1	5.940	4.922	2210973	888085	1.765	0.311 #
22)	L5 AR-1248-2	6.522	5.447	8819780	13684070	6.769	2.396 #
23)	L5 AR-1248-3	6.522	5.522	8819780	19430459	4.973	4.479
24)	L5 AR-1248-4	6.579	5.652	2240517	4861717	1.323	1.228
25)	L5 AR-1248-5	6.790	6.003	476514	1204875	0.426	0.476
26)	L6 AR-1254-1	6.752	5.609	109468	7929779	0.072	2.535 #
27)	L6 AR-1254-2	7.015	5.888	380050	-227883	0.386	N.D. #
28)	L6 AR-1254-3	7.111	6.240	7209569	4227597	4.046	1.312 #
29)	L6 AR-1254-4	7.408	6.563	278840	3097224	0.199	1.645 #
30)	L6 AR-1254-5	7.654	6.628	128781	19172957	0.135	8.707 #
31)	L7 AR-1260-1	7.285	6.176	190969	5097843	0.146	1.539 #
32)	L7 AR-1260-2	7.541	6.324	7606191	24566899	4.594	6.010 #
33)	L7 AR-1260-3	7.819	6.495	1300304	2560717	0.678	0.782
34)	L7 AR-1260-4	8.087	6.947	971523	915532	0.704	0.457 #
35)	L7 AR-1260-5	8.437	7.123	131181	490961	0.043	0.120 #
36)	L8 AR-1262-1	7.155	6.020	1166398	1649045	1.535	0.953 #
37)	L8 AR-1262-2	7.943	6.736	1263976	12347879	1.787	8.685 #
38)	L8 AR-1262-3	8.203	7.029	256851	2274290	0.423	2.236 #
39)	L8 AR-1262-4	8.850	7.447	3118121	4103735	1.720	2.425 #
40)	L8 AR-1262-5	9.500	8.002	3887323	11360966	2.871	10.775 #
41)	L9 AR-1268-1	7.888	6.676	165558	10940139	0.234	7.810 #

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 ECD_R
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 12:14:40 2018
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 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
 Integrator: ChemStation

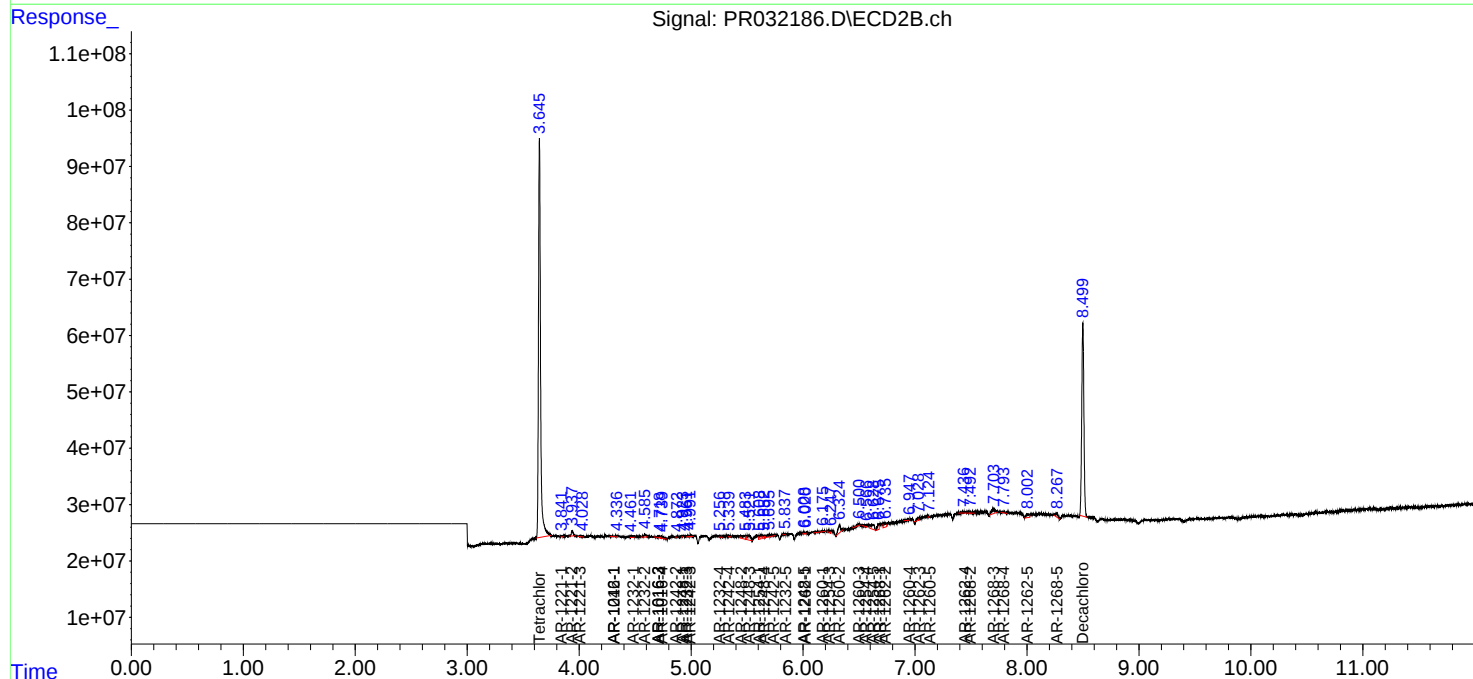
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

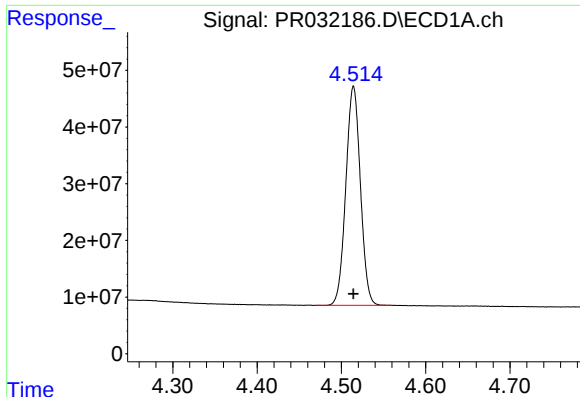
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	8.139	7.492	1661583	2107071	1.797	0.352 #
43)	L9 AR-1268-3	8.760	7.704	596411	21558552	0.140	7.664 #
44)	L9 AR-1268-4	9.072	7.795	23603602	2102175	6.879	2.628 #
45)	L9 AR-1268-5	9.915	8.266	24008819	10824201	2.358	1.498 #

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

Instrument :
ECD_R
ClientSampleId :

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

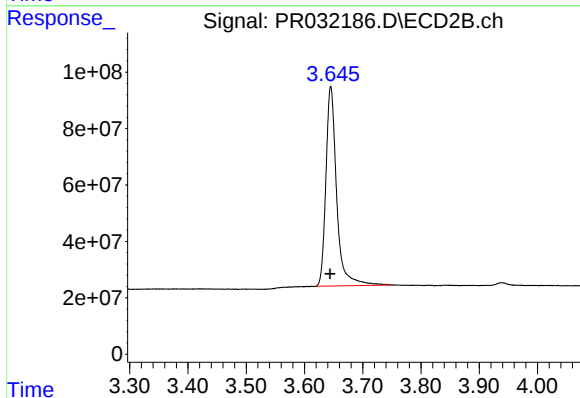




#1 Tetrachloro-m-xylene

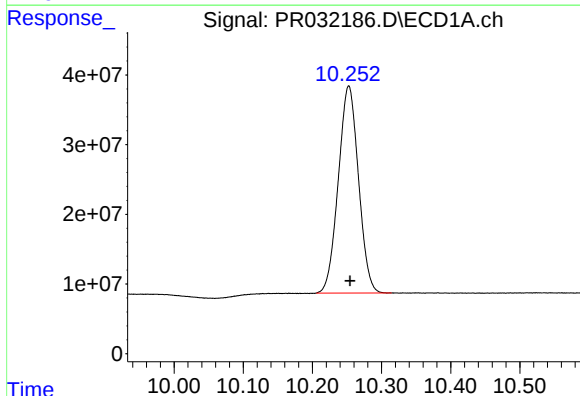
R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 464292903
Conc: 23.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



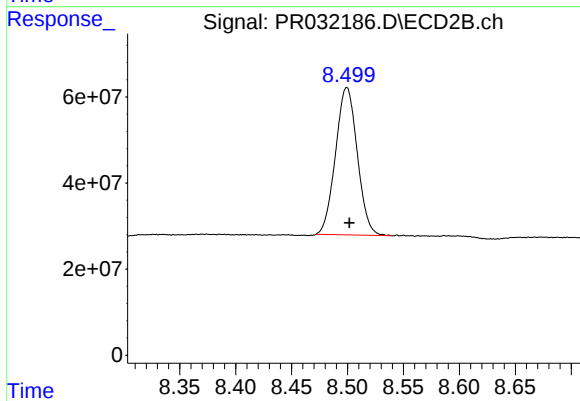
#1 Tetrachloro-m-xylene

R.T.: 3.645 min
Delta R.T.: 0.000 min
Response: 909397330
Conc: 21.73 ng/ml



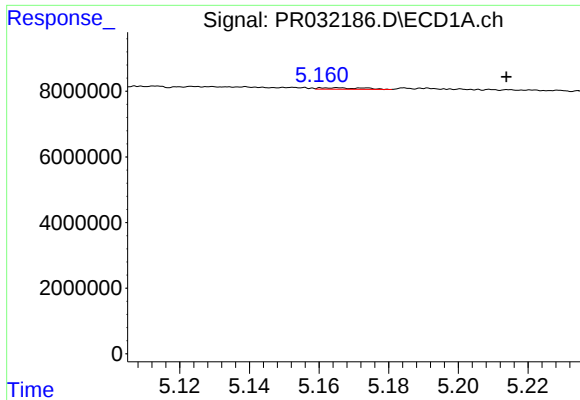
#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: -0.002 min
Response: 602889138
Conc: 20.58 ng/ml



#2 Decachlorobiphenyl

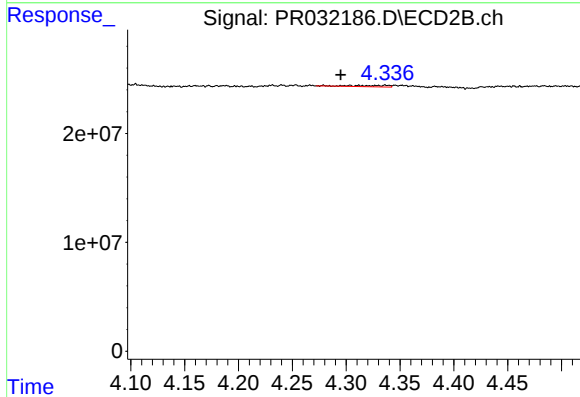
R.T.: 8.499 min
Delta R.T.: -0.003 min
Response: 463941949
Conc: 20.63 ng/ml



#3 AR-1016-1

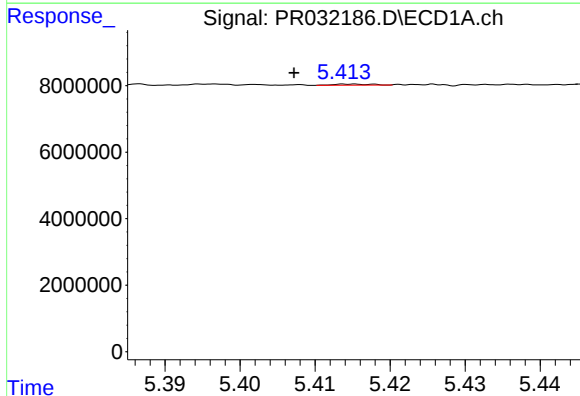
R.T.: 5.165 min
Delta R.T.: -0.049 min
Response: 391283
Conc: 0.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



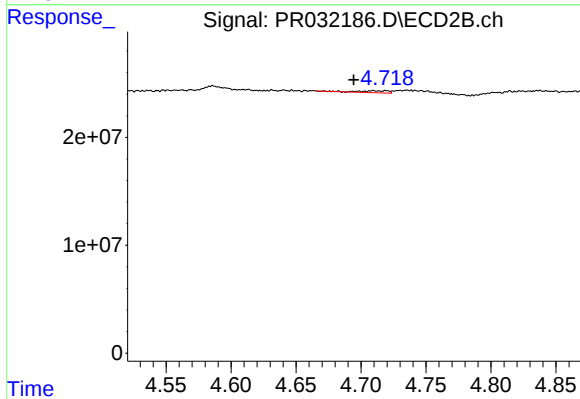
#3 AR-1016-1

R.T.: 4.311 min
Delta R.T.: 0.017 min
Response: 2641278
Conc: 2.28 ng/ml



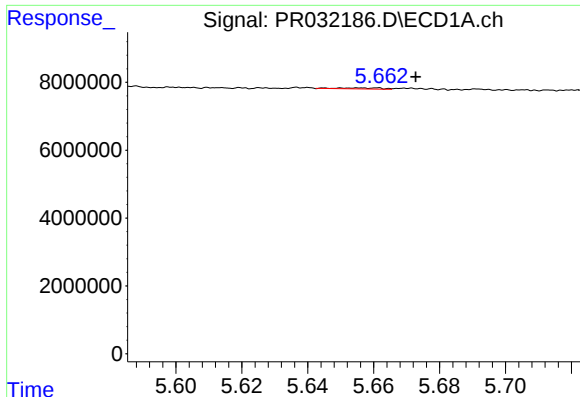
#4 AR-1016-2

R.T.: 5.416 min
Delta R.T.: 0.008 min
Response: 112453
Conc: 0.21 ng/ml



#4 AR-1016-2

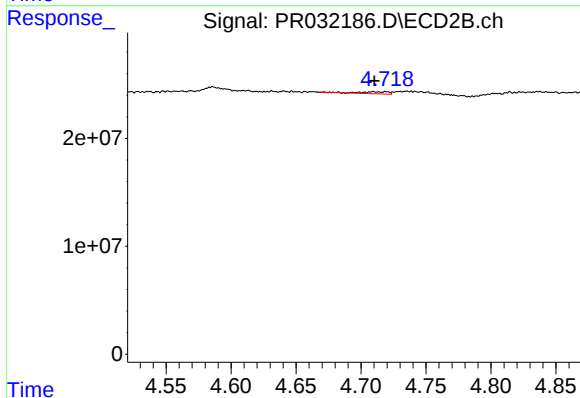
R.T.: 4.709 min
Delta R.T.: 0.015 min
Response: 2949037
Conc: 1.71 ng/ml



#5 AR-1016-3

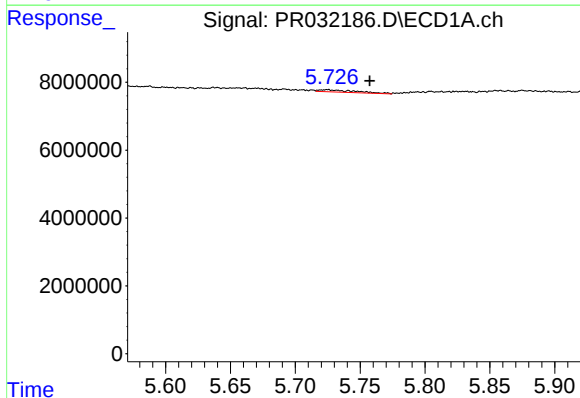
R.T.: 5.655 min
Delta R.T.: -0.017 min
Response: 285771
Conc: 0.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



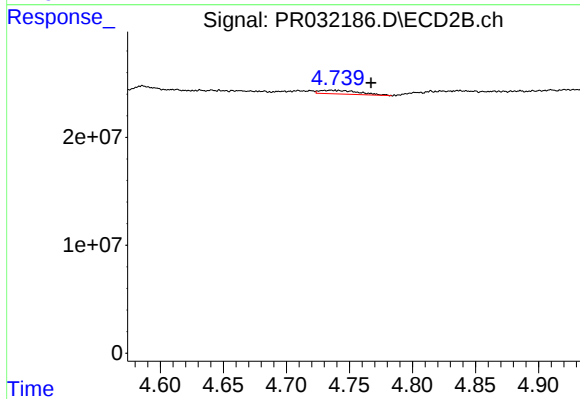
#5 AR-1016-3

R.T.: 4.709 min
Delta R.T.: -0.001 min
Response: 2949037
Conc: 0.93 ng/ml



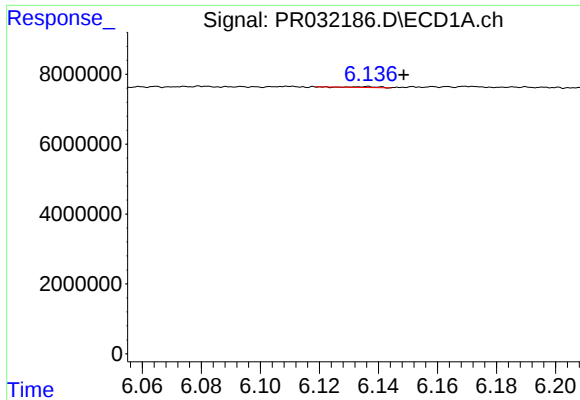
#6 AR-1016-4

R.T.: 5.725 min
Delta R.T.: -0.033 min
Response: 1297619
Conc: 1.81 ng/ml



#6 AR-1016-4

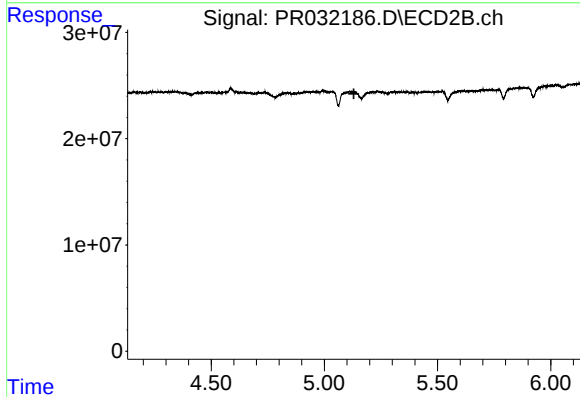
R.T.: 4.736 min
Delta R.T.: -0.032 min
Response: 7286938
Conc: 4.07 ng/ml



#7 AR-1016-5

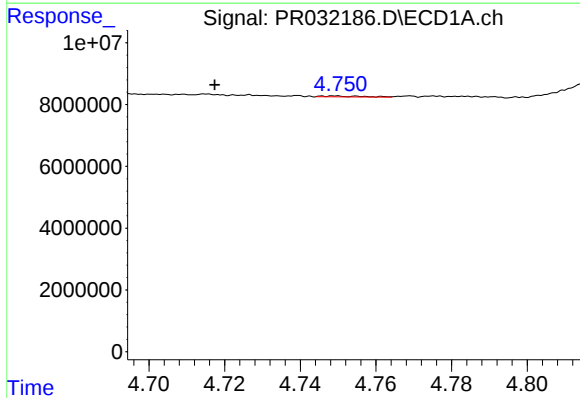
R.T.: 6.136 min
Delta R.T.: -0.012 min
Response: 144496
Conc: 0.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



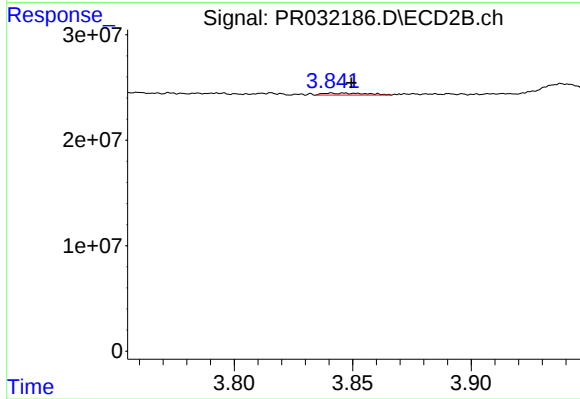
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.130 min
Response: 0
Conc: N.D.



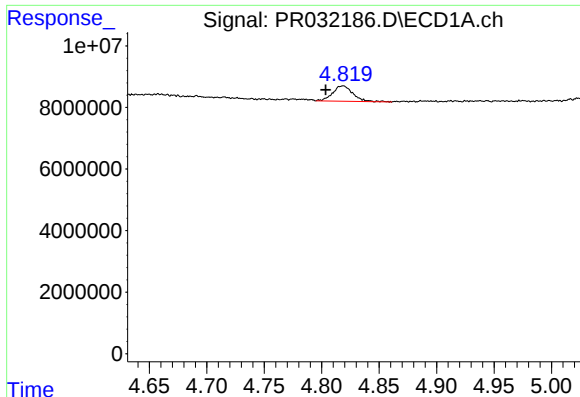
#8 AR-1221-1

R.T.: 4.749 min
Delta R.T.: 0.032 min
Response: 245750
Conc: 0.92 ng/ml



#8 AR-1221-1

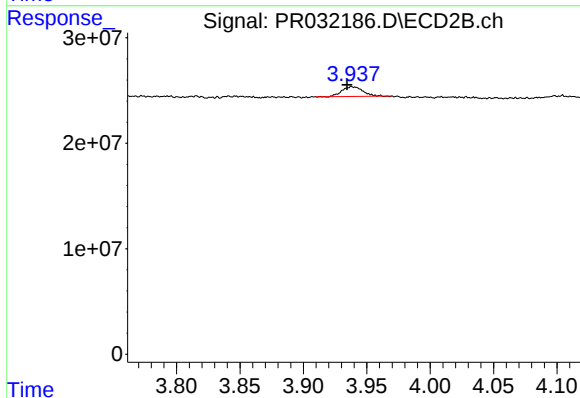
R.T.: 3.841 min
Delta R.T.: -0.009 min
Response: 2333871
Conc: 4.39 ng/ml



#9 AR-1221-2

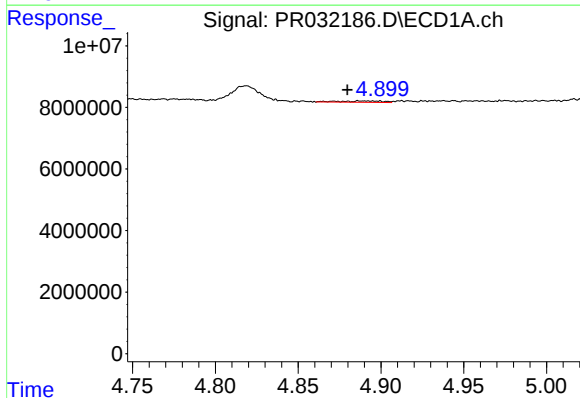
R.T.: 4.818 min
Delta R.T.: 0.015 min
Response: 6173900
Conc: 30.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



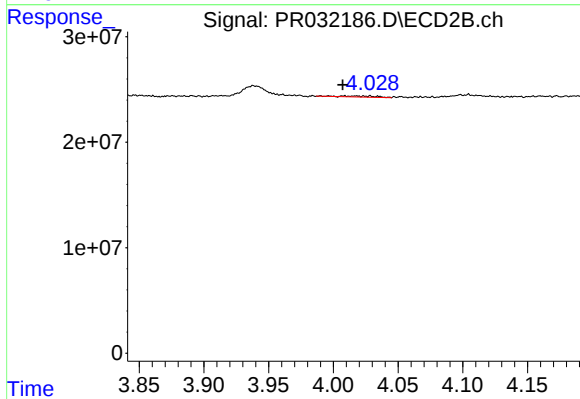
#9 AR-1221-2

R.T.: 3.938 min
Delta R.T.: 0.004 min
Response: 10390923
Conc: 25.88 ng/ml



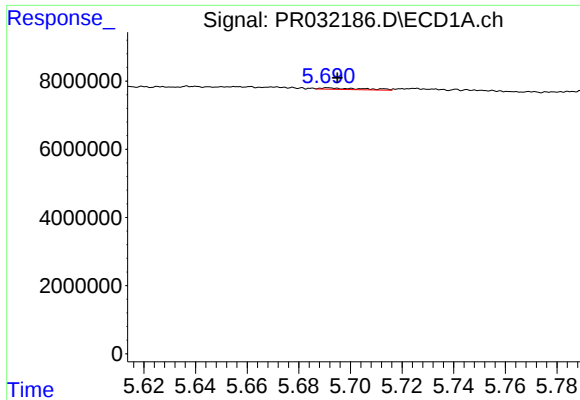
#10 AR-1221-3

R.T.: 4.895 min
Delta R.T.: 0.015 min
Response: 794465
Conc: 1.27 ng/ml



#10 AR-1221-3

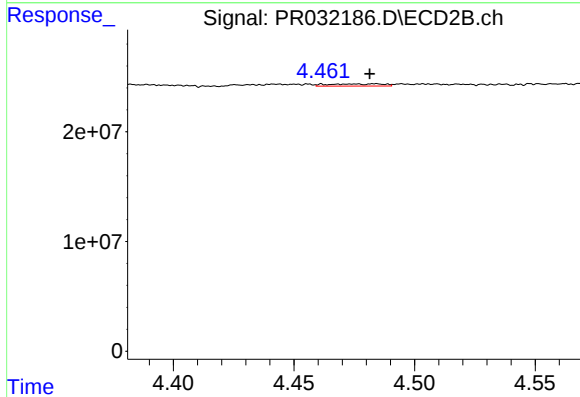
R.T.: 4.018 min
Delta R.T.: 0.010 min
Response: 1823063
Conc: 1.45 ng/ml



#11 AR-1232-1

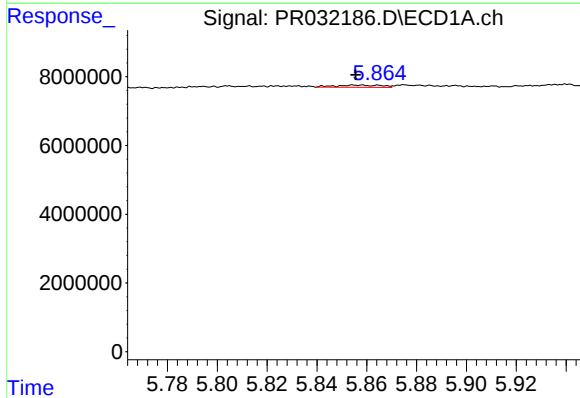
R.T.: 5.691 min
Delta R.T.: -0.004 min
Response: 506880
Conc: 1.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



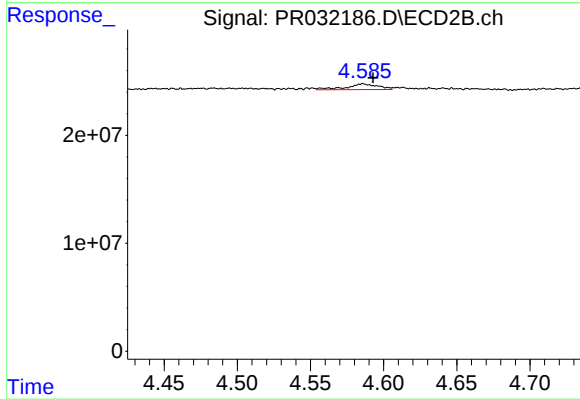
#11 AR-1232-1

R.T.: 4.484 min
Delta R.T.: 0.002 min
Response: 3135968
Conc: 5.46 ng/ml



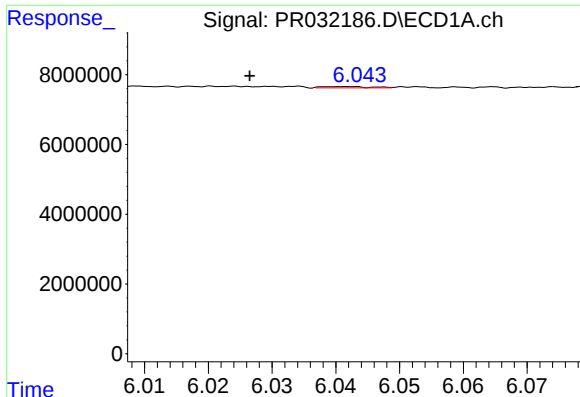
#12 AR-1232-2

R.T.: 5.857 min
Delta R.T.: 0.002 min
Response: 838199
Conc: 3.38 ng/ml



#12 AR-1232-2

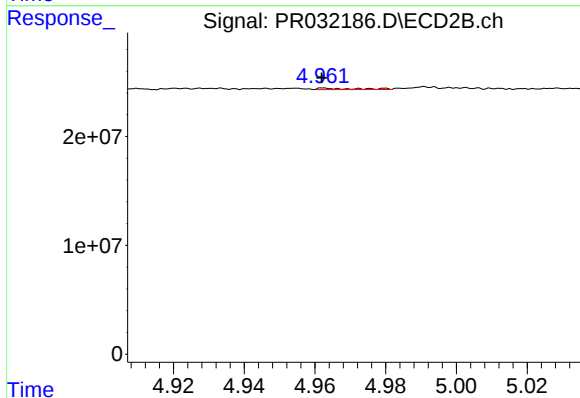
R.T.: 4.586 min
Delta R.T.: -0.007 min
Response: 8190555
Conc: 42.55 ng/ml



#13 AR-1232-3

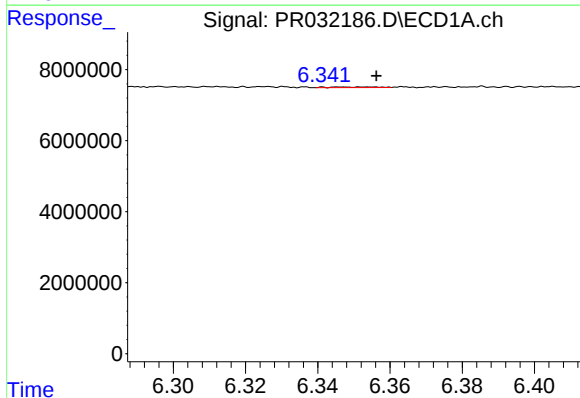
R.T.: 6.041 min
Delta R.T.: 0.015 min
Response: 189585
Conc: 1.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



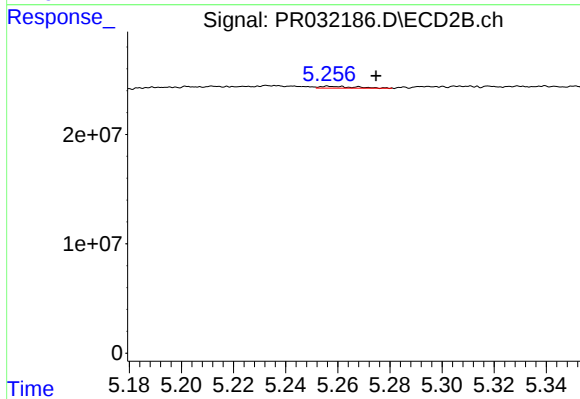
#13 AR-1232-3

R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 1017894
Conc: 1.85 ng/ml



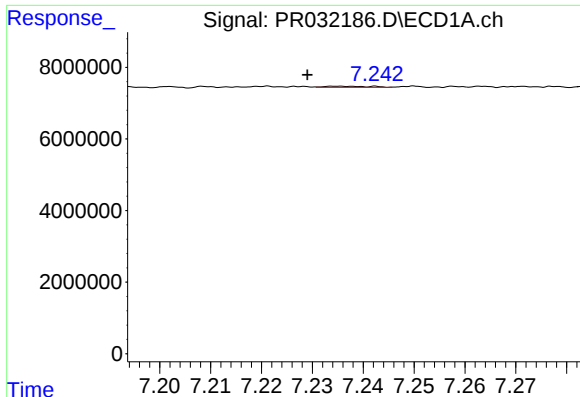
#14 AR-1232-4

R.T.: 6.354 min
Delta R.T.: -0.003 min
Response: 178371
Conc: 2.36 ng/ml



#14 AR-1232-4

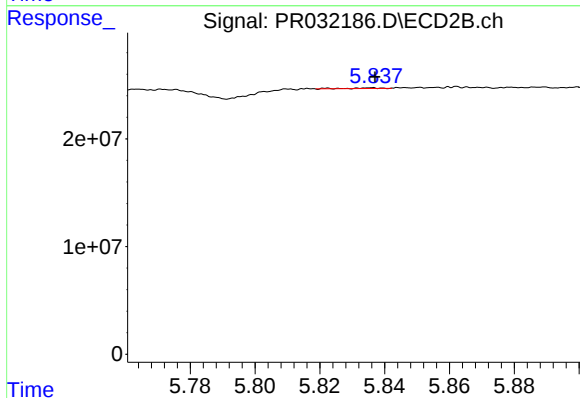
R.T.: 5.256 min
Delta R.T.: -0.018 min
Response: 1614001
Conc: 2.29 ng/ml



#15 AR-1232-5

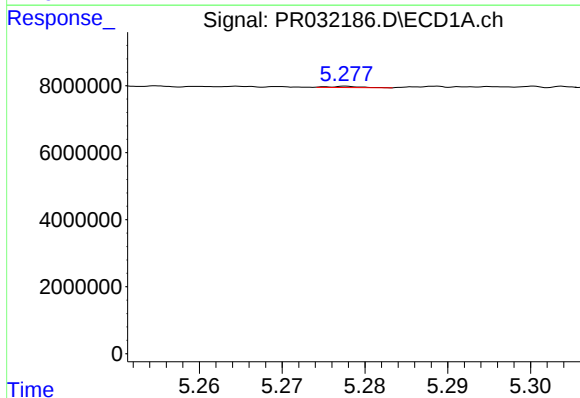
R.T.: 7.236 min
Delta R.T.: 0.007 min
Response: 207935
Conc: 3.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



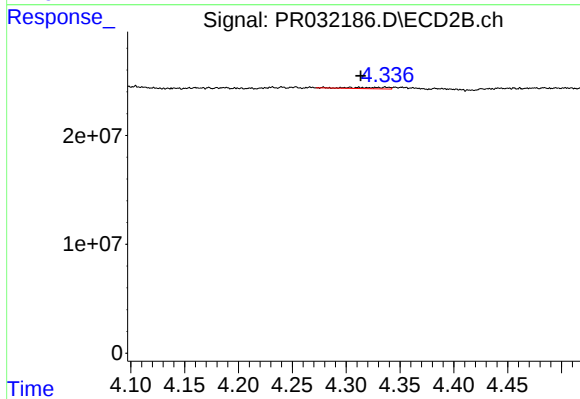
#15 AR-1232-5

R.T.: 5.836 min
Delta R.T.: -0.001 min
Response: 363582
Conc: 4.39 ng/ml



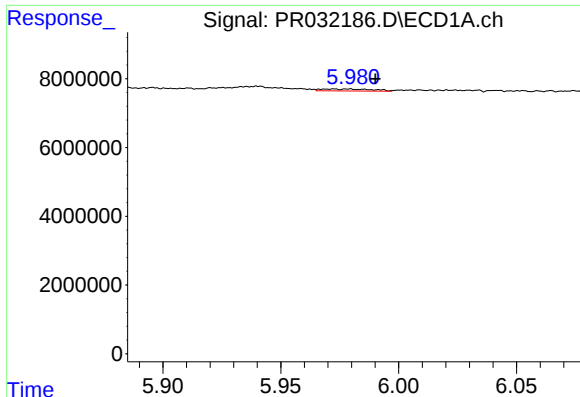
#16 AR-1242-1

R.T.: 5.278 min
Delta R.T.: 0.033 min
Response: 89572
Conc: 0.40 ng/ml



#16 AR-1242-1

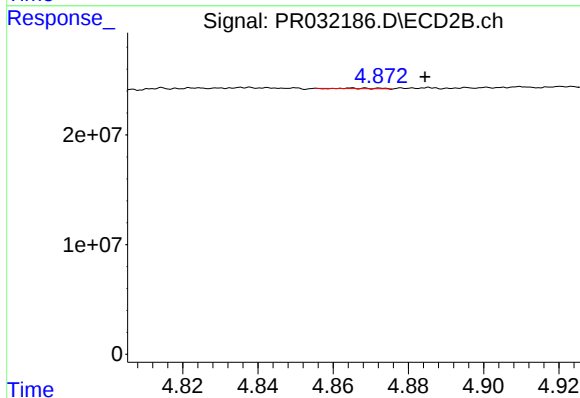
R.T.: 4.311 min
Delta R.T.: -0.002 min
Response: 2641278
Conc: 4.91 ng/ml



#17 AR-1242-2

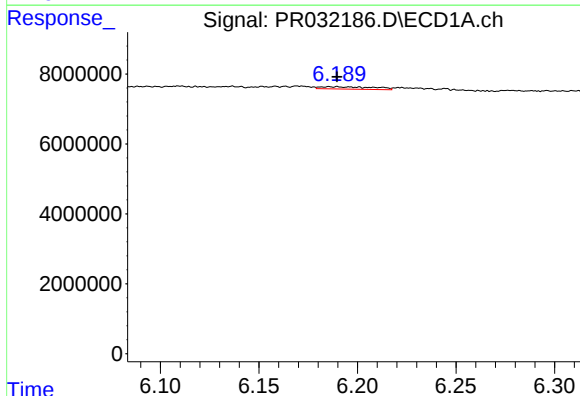
R.T.: 5.972 min
Delta R.T.: -0.018 min
Response: 852764
Conc: 2.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



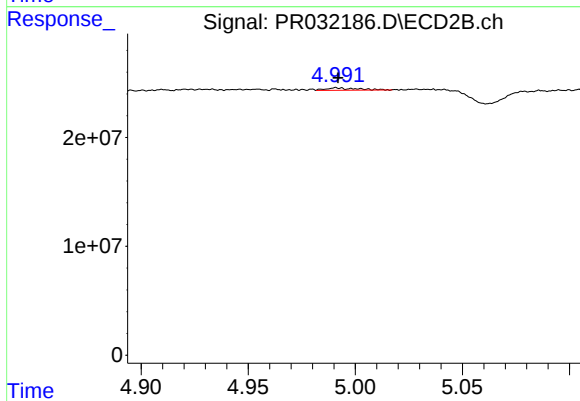
#17 AR-1242-2

R.T.: 4.865 min
Delta R.T.: -0.020 min
Response: 209496
Conc: 0.19 ng/ml



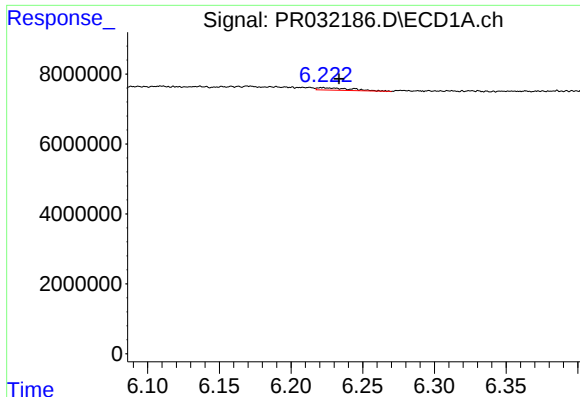
#18 AR-1242-3

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 1313602
Conc: 5.99 ng/ml



#18 AR-1242-3

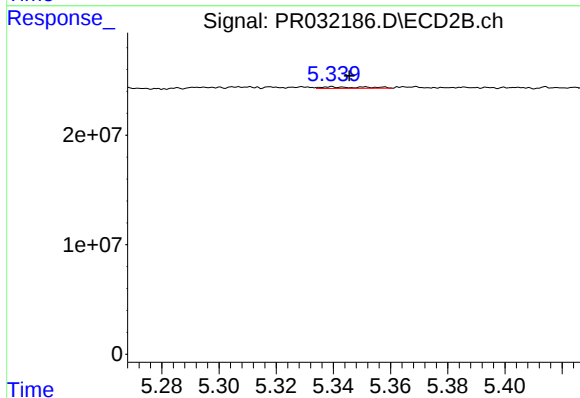
R.T.: 4.991 min
Delta R.T.: 0.000 min
Response: 2242697
Conc: 5.64 ng/ml



#19 AR-1242-4

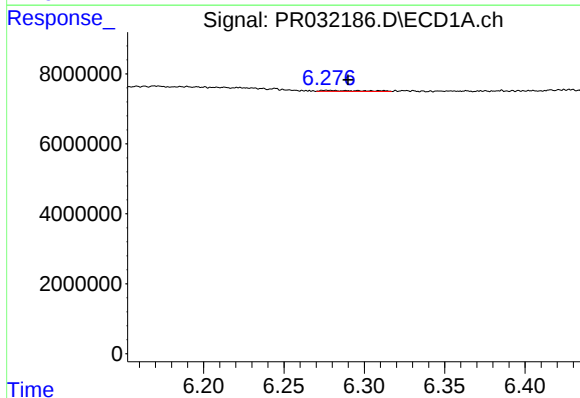
R.T.: 6.222 min
Delta R.T.: -0.012 min
Response: 1157668
Conc: 6.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



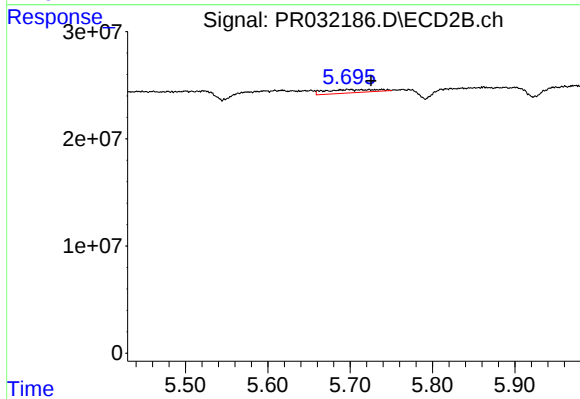
#19 AR-1242-4

R.T.: 5.339 min
Delta R.T.: -0.006 min
Response: 1464311
Conc: 3.93 ng/ml



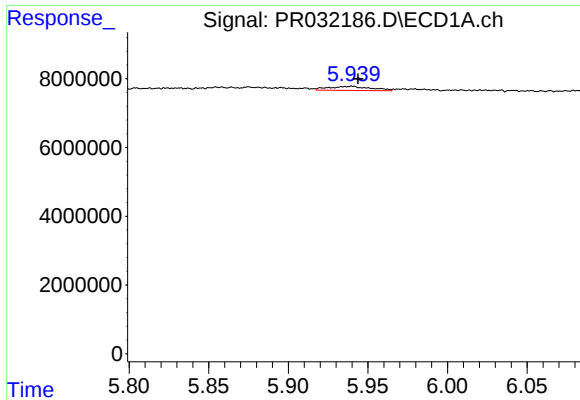
#20 AR-1242-5

R.T.: 6.277 min
Delta R.T.: -0.013 min
Response: 520813
Conc: 0.94 ng/ml



#20 AR-1242-5

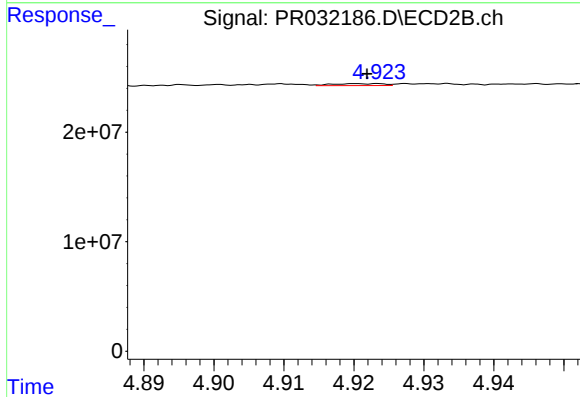
R.T.: 5.739 min
Delta R.T.: 0.013 min
Response: 13201231
Conc: 15.76 ng/ml



#21 AR-1248-1

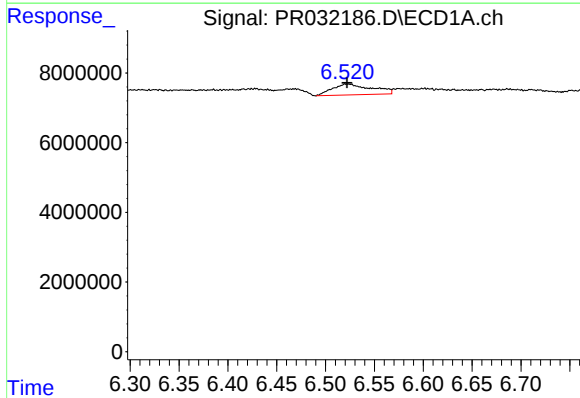
R.T.: 5.940 min
Delta R.T.: -0.004 min
Response: 2210973
Conc: 1.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



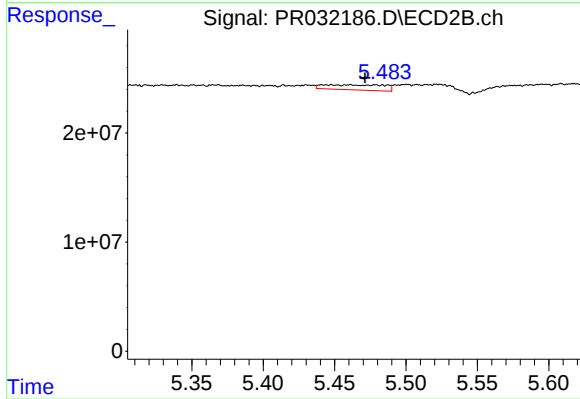
#21 AR-1248-1

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 888085
Conc: 0.31 ng/ml



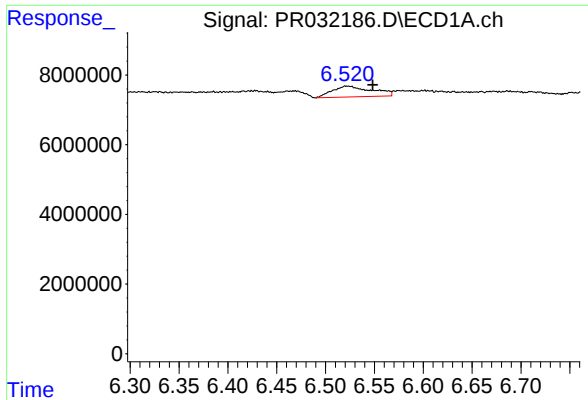
#22 AR-1248-2

R.T.: 6.522 min
Delta R.T.: 0.000 min
Response: 8819780
Conc: 6.77 ng/ml



#22 AR-1248-2

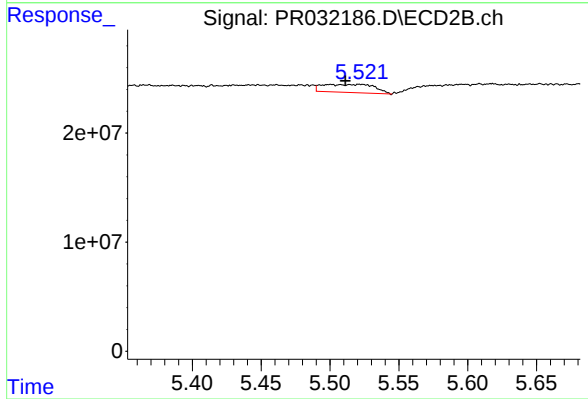
R.T.: 5.447 min
Delta R.T.: -0.024 min
Response: 13684070
Conc: 2.40 ng/ml



#23 AR-1248-3

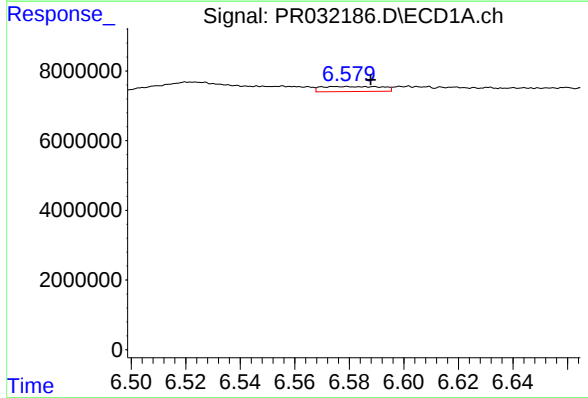
R.T.: 6.522 min
Delta R.T.: -0.026 min
Response: 8819780
Conc: 4.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



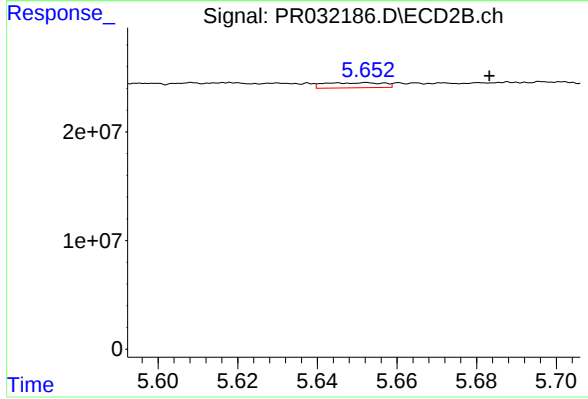
#23 AR-1248-3

R.T.: 5.522 min
Delta R.T.: 0.011 min
Response: 19430459
Conc: 4.48 ng/ml



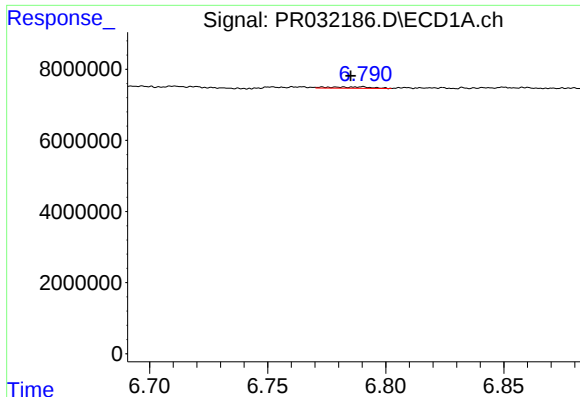
#24 AR-1248-4

R.T.: 6.579 min
Delta R.T.: -0.009 min
Response: 2240517
Conc: 1.32 ng/ml



#24 AR-1248-4

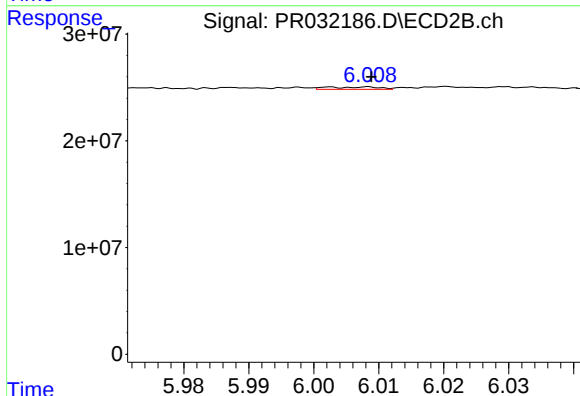
R.T.: 5.652 min
Delta R.T.: -0.031 min
Response: 4861717
Conc: 1.23 ng/ml



#25 AR-1248-5

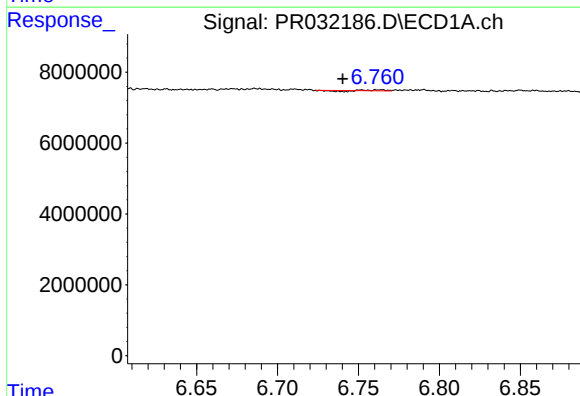
R.T.: 6.790 min
Delta R.T.: 0.005 min
Response: 476514
Conc: 0.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



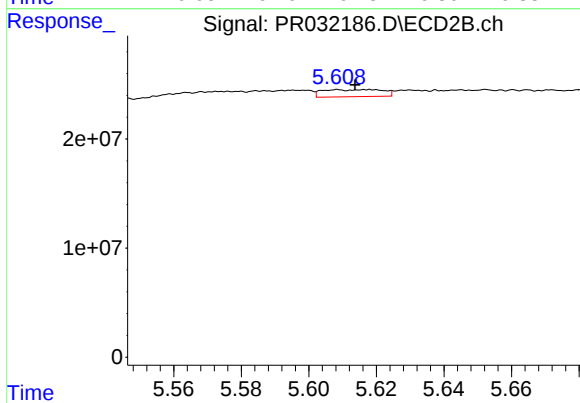
#25 AR-1248-5

R.T.: 6.003 min
Delta R.T.: -0.006 min
Response: 1204875
Conc: 0.48 ng/ml



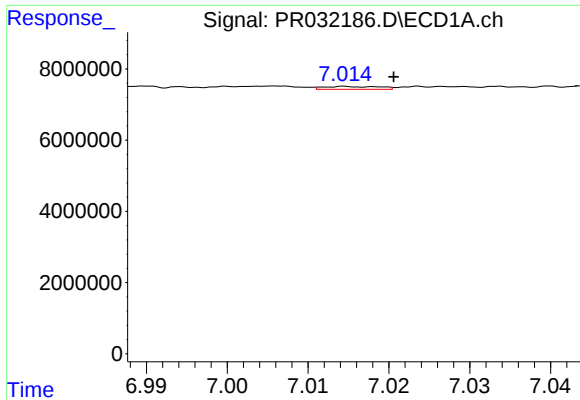
#26 AR-1254-1

R.T.: 6.752 min
Delta R.T.: 0.012 min
Response: 109468
Conc: 0.07 ng/ml



#26 AR-1254-1

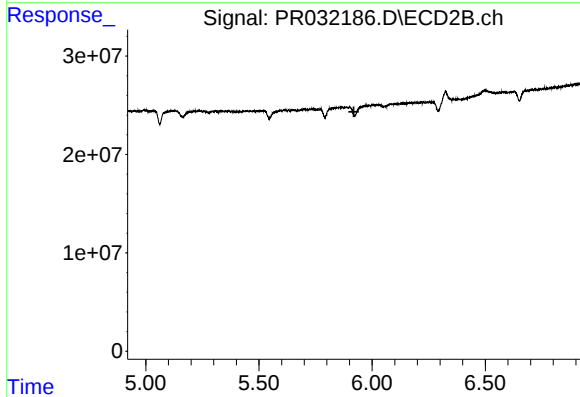
R.T.: 5.609 min
Delta R.T.: -0.005 min
Response: 7929779
Conc: 2.54 ng/ml



#27 AR-1254-2

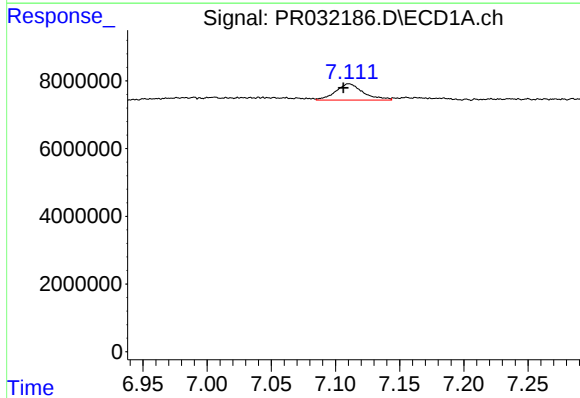
R.T.: 7.015 min
Delta R.T.: -0.005 min
Response: 380050
Conc: 0.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



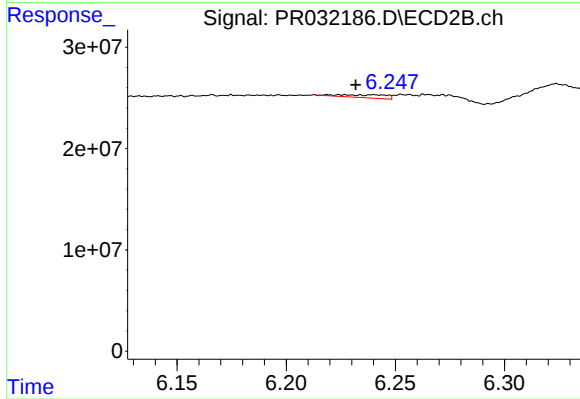
#27 AR-1254-2

R.T.: 5.888 min
Delta R.T.: -0.031 min
Response: -227883
Conc: N.D.



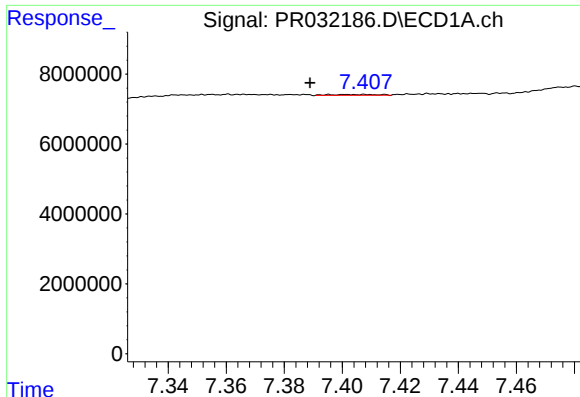
#28 AR-1254-3

R.T.: 7.111 min
Delta R.T.: 0.004 min
Response: 7209569
Conc: 4.05 ng/ml



#28 AR-1254-3

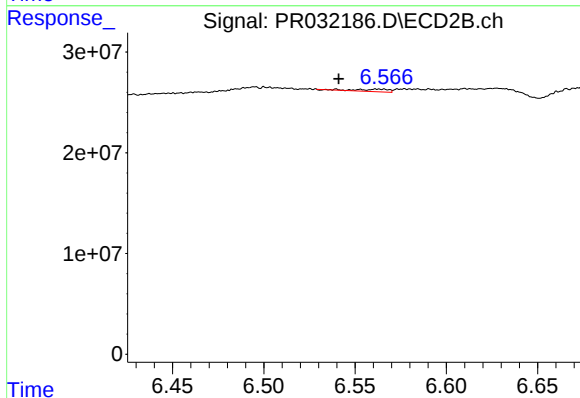
R.T.: 6.240 min
Delta R.T.: 0.009 min
Response: 4227597
Conc: 1.31 ng/ml



#29 AR-1254-4

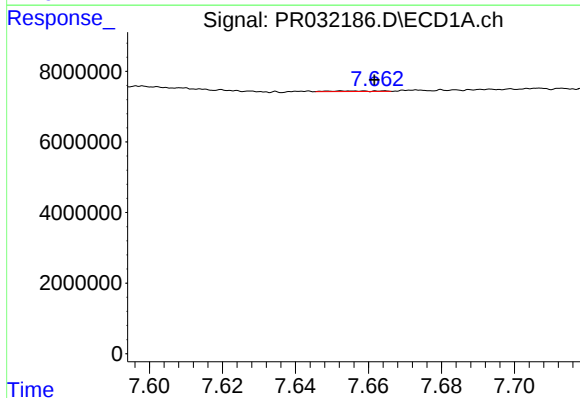
R.T.: 7.408 min
Delta R.T.: 0.019 min
Response: 278840
Conc: 0.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



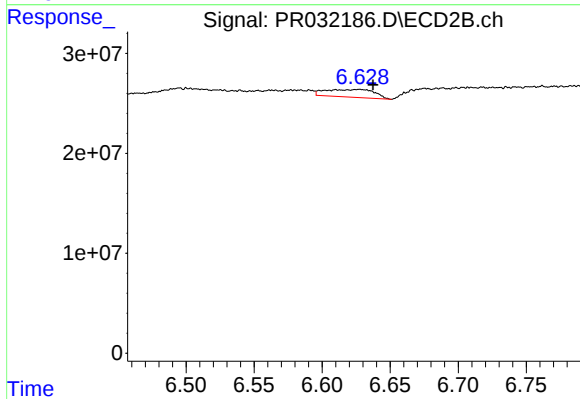
#29 AR-1254-4

R.T.: 6.563 min
Delta R.T.: 0.022 min
Response: 3097224
Conc: 1.65 ng/ml



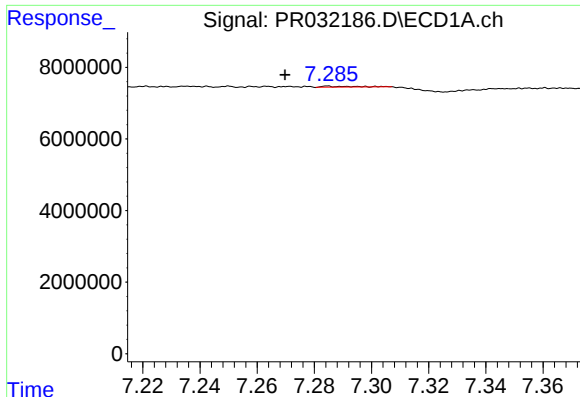
#30 AR-1254-5

R.T.: 7.654 min
Delta R.T.: -0.008 min
Response: 128781
Conc: 0.13 ng/ml



#30 AR-1254-5

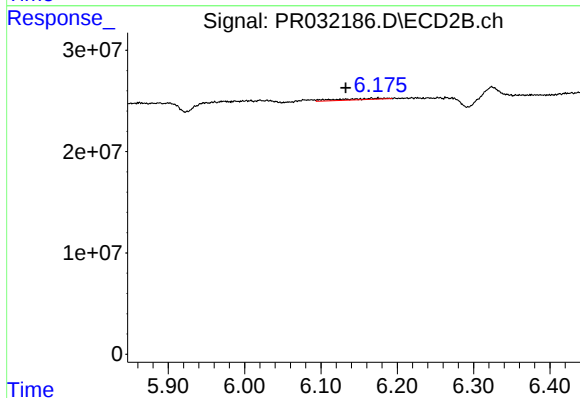
R.T.: 6.628 min
Delta R.T.: -0.010 min
Response: 19172957
Conc: 8.71 ng/ml



#31 AR-1260-1

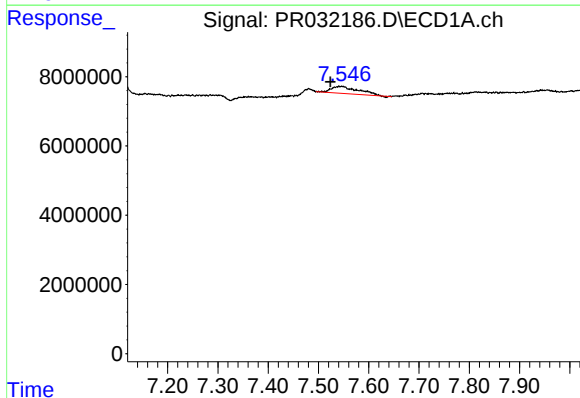
R.T.: 7.285 min
Delta R.T.: 0.015 min
Response: 190969
Conc: 0.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



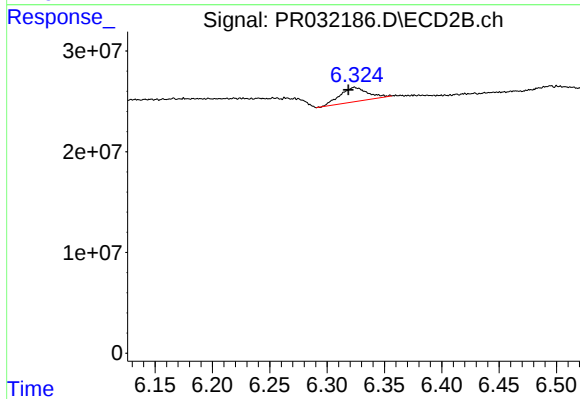
#31 AR-1260-1

R.T.: 6.176 min
Delta R.T.: 0.043 min
Response: 5097843
Conc: 1.54 ng/ml



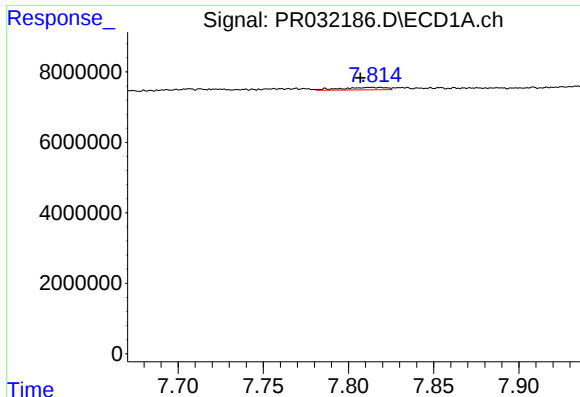
#32 AR-1260-2

R.T.: 7.541 min
Delta R.T.: 0.017 min
Response: 7606191
Conc: 4.59 ng/ml



#32 AR-1260-2

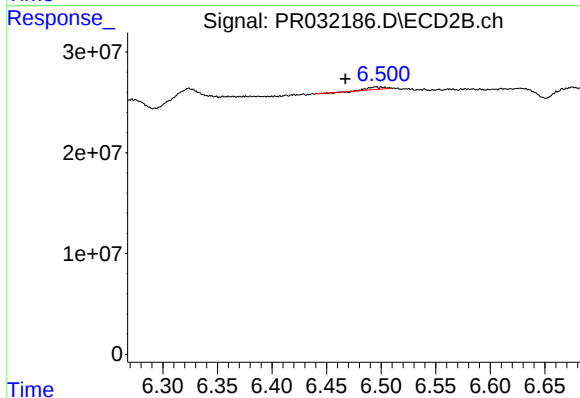
R.T.: 6.324 min
Delta R.T.: 0.005 min
Response: 24566899
Conc: 6.01 ng/ml



#33 AR-1260-3

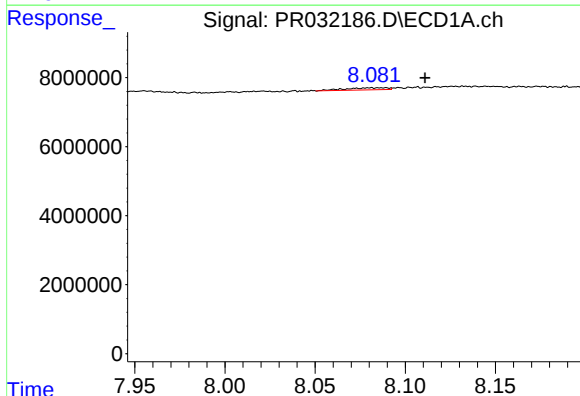
R.T.: 7.819 min
Delta R.T.: 0.012 min
Response: 1300304
Conc: 0.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



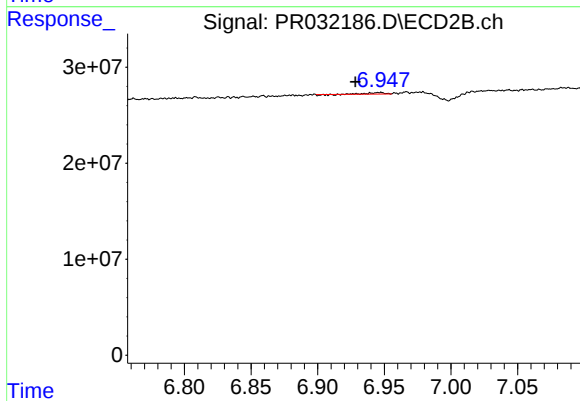
#33 AR-1260-3

R.T.: 6.495 min
Delta R.T.: 0.028 min
Response: 2560717
Conc: 0.78 ng/ml



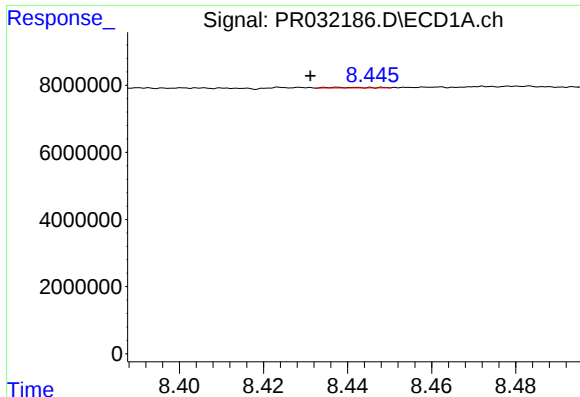
#34 AR-1260-4

R.T.: 8.087 min
Delta R.T.: -0.023 min
Response: 971523
Conc: 0.70 ng/ml



#34 AR-1260-4

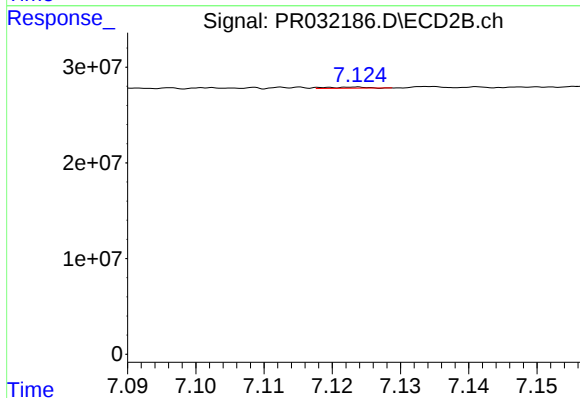
R.T.: 6.947 min
Delta R.T.: 0.018 min
Response: 915532
Conc: 0.46 ng/ml



#35 AR-1260-5

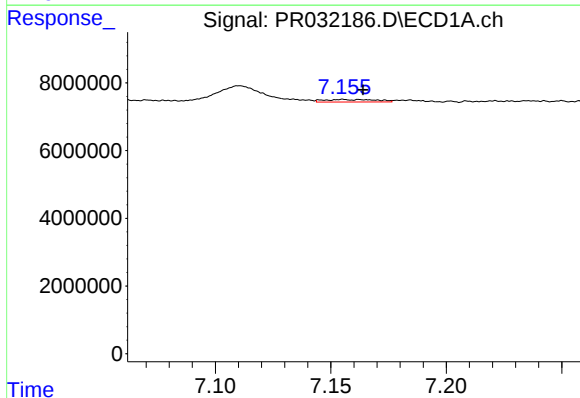
R.T.: 8.437 min
Delta R.T.: 0.006 min
Response: 131181
Conc: 0.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



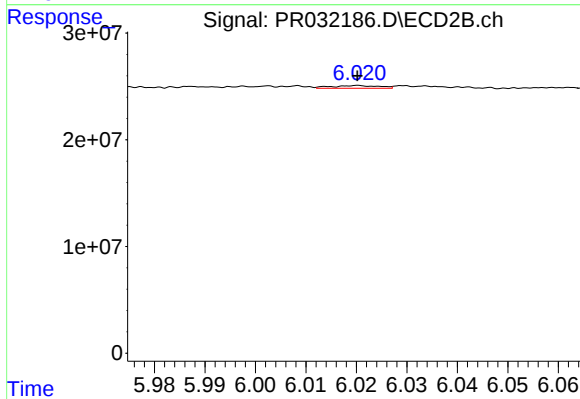
#35 AR-1260-5

R.T.: 7.123 min
Delta R.T.: -0.045 min
Response: 490961
Conc: 0.12 ng/ml



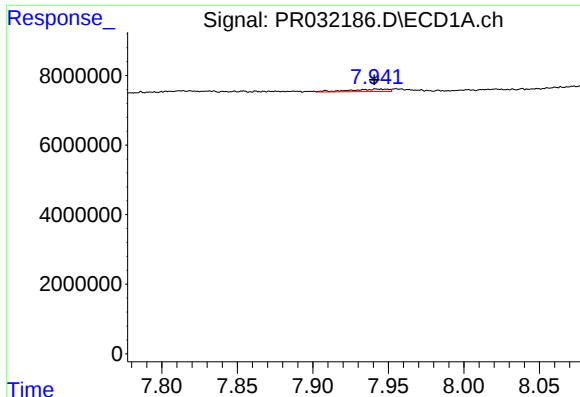
#36 AR-1262-1

R.T.: 7.155 min
Delta R.T.: -0.009 min
Response: 1166398
Conc: 1.54 ng/ml



#36 AR-1262-1

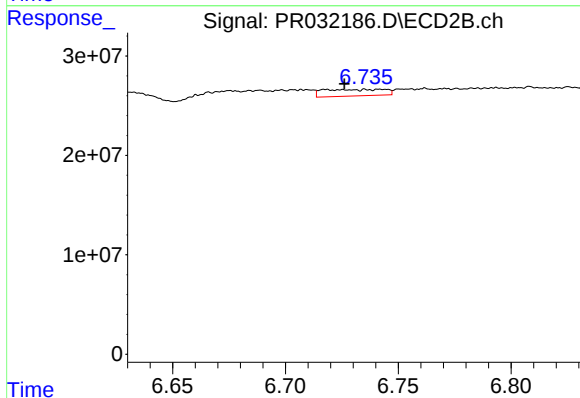
R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 1649045
Conc: 0.95 ng/ml



#37 AR-1262-2

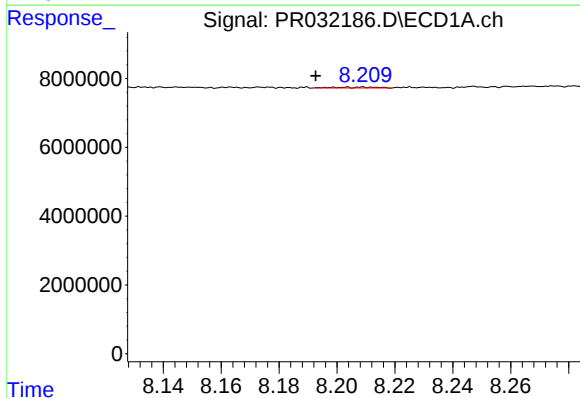
R.T.: 7.943 min
Delta R.T.: 0.002 min
Response: 1263976
Conc: 1.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



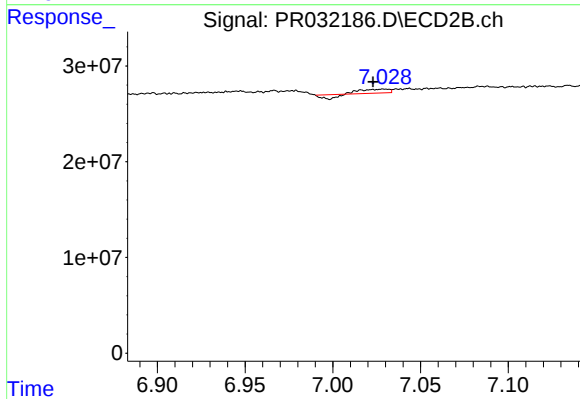
#37 AR-1262-2

R.T.: 6.736 min
Delta R.T.: 0.010 min
Response: 12347879
Conc: 8.68 ng/ml



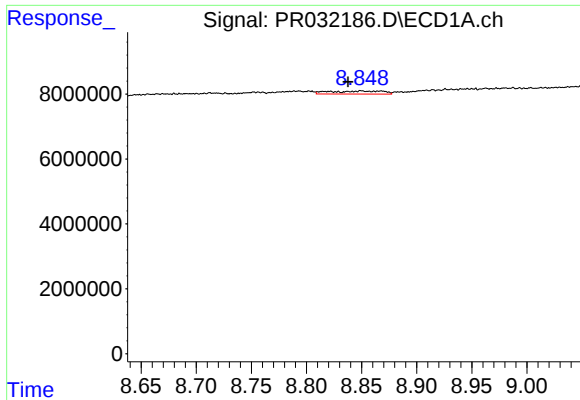
#38 AR-1262-3

R.T.: 8.203 min
Delta R.T.: 0.011 min
Response: 256851
Conc: 0.42 ng/ml



#38 AR-1262-3

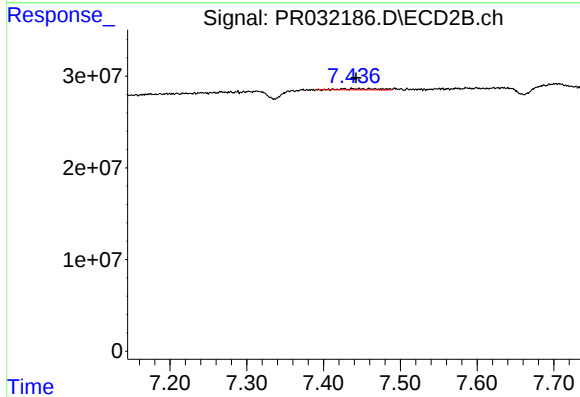
R.T.: 7.029 min
Delta R.T.: 0.006 min
Response: 2274290
Conc: 2.24 ng/ml



#39 AR-1262-4

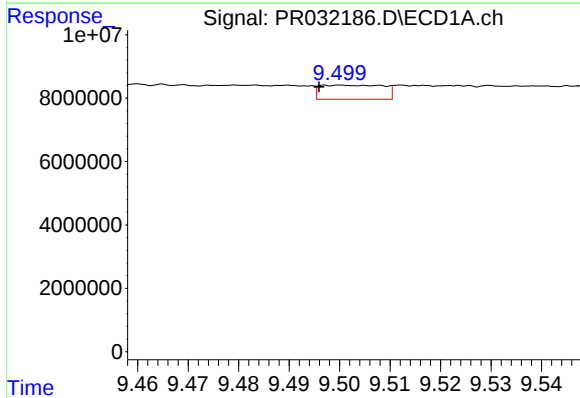
R.T.: 8.850 min
Delta R.T.: 0.012 min
Response: 3118121
Conc: 1.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



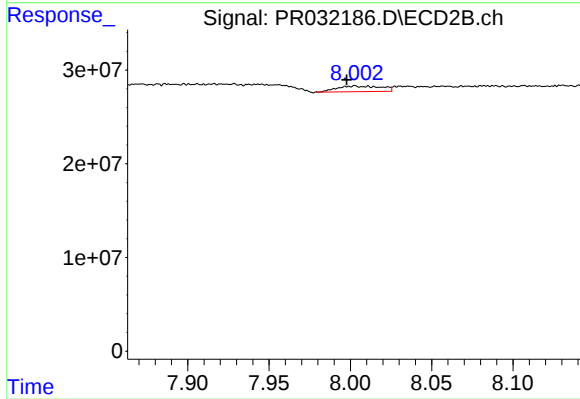
#39 AR-1262-4

R.T.: 7.447 min
Delta R.T.: 0.005 min
Response: 4103735
Conc: 2.43 ng/ml



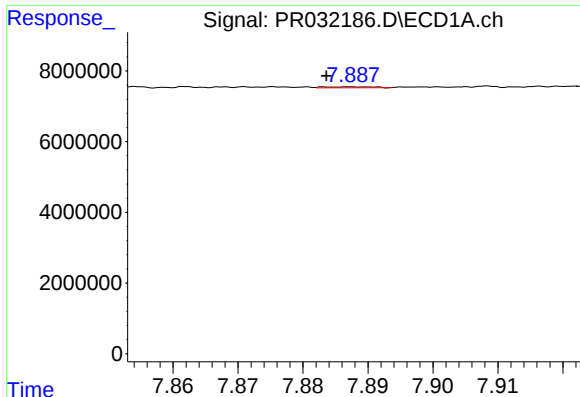
#40 AR-1262-5

R.T.: 9.500 min
Delta R.T.: 0.004 min
Response: 3887323
Conc: 2.87 ng/ml



#40 AR-1262-5

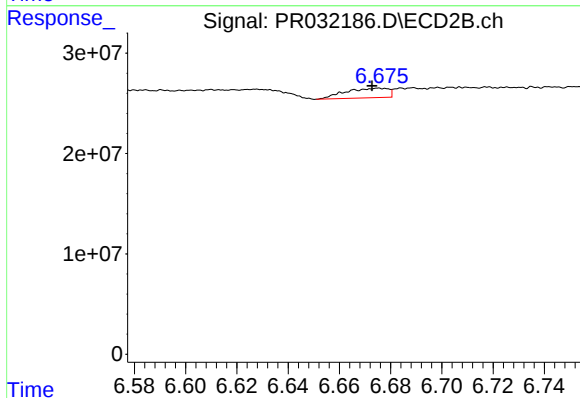
R.T.: 8.002 min
Delta R.T.: 0.004 min
Response: 11360966
Conc: 10.77 ng/ml



#41 AR-1268-1

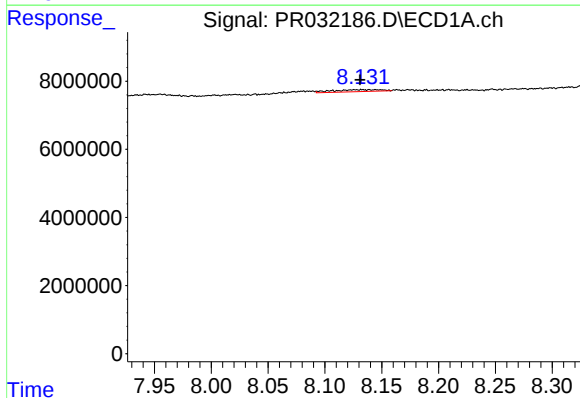
R.T.: 7.888 min
Delta R.T.: 0.004 min
Response: 165558
Conc: 0.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



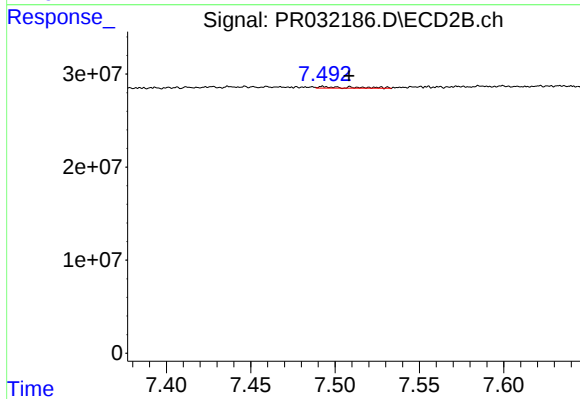
#41 AR-1268-1

R.T.: 6.676 min
Delta R.T.: 0.003 min
Response: 10940139
Conc: 7.81 ng/ml



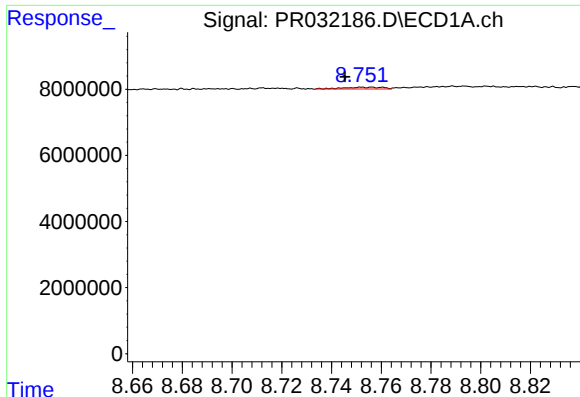
#42 AR-1268-2

R.T.: 8.139 min
Delta R.T.: 0.008 min
Response: 1661583
Conc: 1.80 ng/ml



#42 AR-1268-2

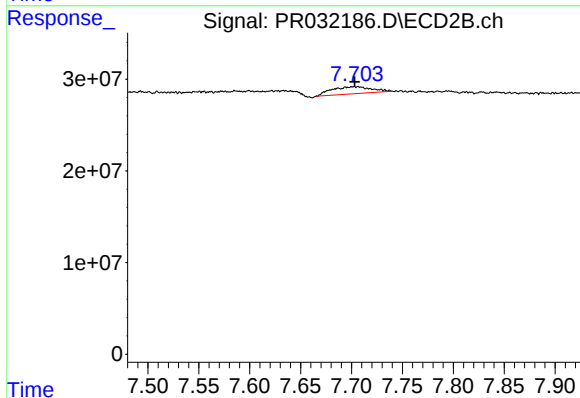
R.T.: 7.492 min
Delta R.T.: -0.016 min
Response: 2107071
Conc: 0.35 ng/ml



#43 AR-1268-3

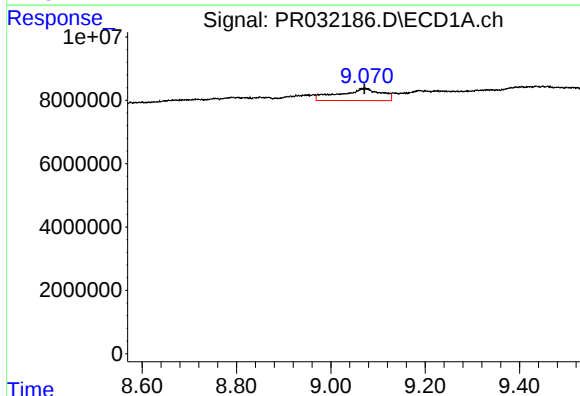
R.T.: 8.760 min
Delta R.T.: 0.014 min
Response: 596411
Conc: 0.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



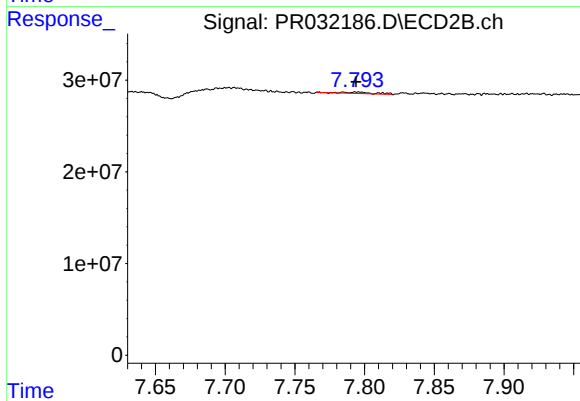
#43 AR-1268-3

R.T.: 7.704 min
Delta R.T.: 0.000 min
Response: 21558552
Conc: 7.66 ng/ml



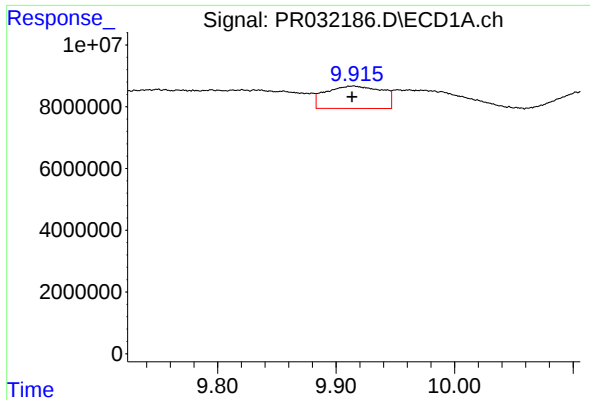
#44 AR-1268-4

R.T.: 9.072 min
Delta R.T.: 0.000 min
Response: 23603602
Conc: 6.88 ng/ml



#44 AR-1268-4

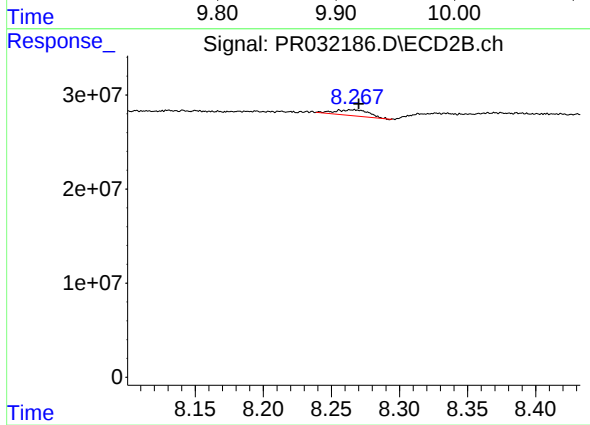
R.T.: 7.795 min
Delta R.T.: 0.001 min
Response: 2102175
Conc: 2.63 ng/ml



#45 AR-1268-5

R.T.: 9.915 min
Delta R.T.: 0.001 min
Response: 24008819
Conc: 2.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.266 min
Delta R.T.: -0.004 min
Response: 10824201
Conc: 1.50 ng/ml