

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040423\
 Data File : PR060663.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Apr 2023 10:50
 Operator : YP\AJ
 Sample : 02153-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 05 03:21:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040323CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Apr 04 04:06:01 2023
 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...	3.688	2.900	52521973	72352472	15.399	15.605
2)	SA Decachlor...	9.658	8.128	61805266	86577099	21.379	19.642
Target Compounds							
3)	L1 AR-1016-1	4.947	4.004	3737109	946786	34.089	6.166 #
4)	L1 AR-1016-2	4.947	4.028	3737109	1084394	23.979	4.871 #
5)	L1 AR-1016-3	5.014	4.206	1523619	236884	15.476	2.059 #
6)	L1 AR-1016-4	5.109	4.254	1397881	952011	17.734	10.586 #
7)	L1 AR-1016-5	5.433	4.470	825719	222219	10.541	1.892 #
8)	L2 AR-1221-1	3.897	3.113	1892315	105729	45.644	2.131 #
9)	L2 AR-1221-2	4.002	3.198	949597	1439822	33.232	40.318
10)	L2 AR-1221-3	4.099	3.286	393456	561517	4.247	4.648
11)	L3 AR-1232-1	4.099	3.286	393456	561517	5.060	5.585
12)	L3 AR-1232-2	4.629	4.028	1147524	1084394	31.337	11.157 #
13)	L3 AR-1232-3	4.947	4.206	3737109	236884	52.163	4.816 #
14)	L3 AR-1232-4	5.109	4.295	1397881	920801	38.327	21.405 #
15)	L3 AR-1232-5	5.216	4.470	1174702	222219	43.340	4.573 #
16)	L4 AR-1242-1	4.947	4.004	3737109	946786	40.635	7.593 #
17)	L4 AR-1242-2	4.947	4.028	3737109	1084394	29.024	6.038 #
18)	L4 AR-1242-3	5.014	4.206	1523619	236884	18.471	2.557 #
19)	L4 AR-1242-4	5.109	4.295	1397881	920801	20.932	10.483 #
20)	L4 AR-1242-5	5.907	4.839	3130554	3479472	45.307	29.969 #
21)	L5 AR-1248-1	4.947	4.004	3737109	946786	53.145	9.840 #
22)	L5 AR-1248-2	5.216	4.254	1174702	952011	12.322	7.073 #
23)	L5 AR-1248-3	5.433	4.295	825719	920801	7.420	6.760
24)	L5 AR-1248-4	5.868	4.470	3521747	222219	28.110	1.335 #
25)	L5 AR-1248-5	5.907	4.880	3130554	2898241	25.827	16.990 #
26)	L6 AR-1254-1	5.840	4.839	1251299	3479472	10.587	13.773 #
27)	L6 AR-1254-2	6.077	4.998	4511394	2059894	23.796	9.390 #
28)	L6 AR-1254-3	6.472	5.415	4822311	5447237	23.807	14.925 #
29)	L6 AR-1254-4	6.785	5.661	4680001	6501692	30.729	28.328
30)	L6 AR-1254-5	7.269	6.106	16438600	27336936	100.529	82.416
31)	L7 AR-1260-1	6.654	5.555	3168945	3259274	20.518	12.795 #
32)	L7 AR-1260-2	6.934	5.760	4829834	5618787	26.205	17.904 #
33)	L7 AR-1260-3	7.329	5.916	1221976	1633255	8.952	5.672 #
34)	L7 AR-1260-4	7.575	6.420	2893388	3321433	18.304	13.556 #
35)	L7 AR-1260-5	7.910	6.687	4169481	6857769	13.634	11.597
36)	L8 AR-1262-1	7.329	6.152	1221976	4209112	6.112	12.052 #
37)	L8 AR-1262-2	7.910	6.420	4169481	3321433	11.723	10.474
38)	L8 AR-1262-3	8.230	6.990	2085865	3576365	8.476	14.266 #
39)	L8 AR-1262-4	8.305	7.056	1338263	6496414	7.145	13.340 #
40)	L8 AR-1262-5	8.948	7.595	1636395	2599504	12.027	11.694
41)	L9 AR-1268-1	8.230	6.990	2085865	3576365	6.212	5.958

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 Integrator: ChemStation

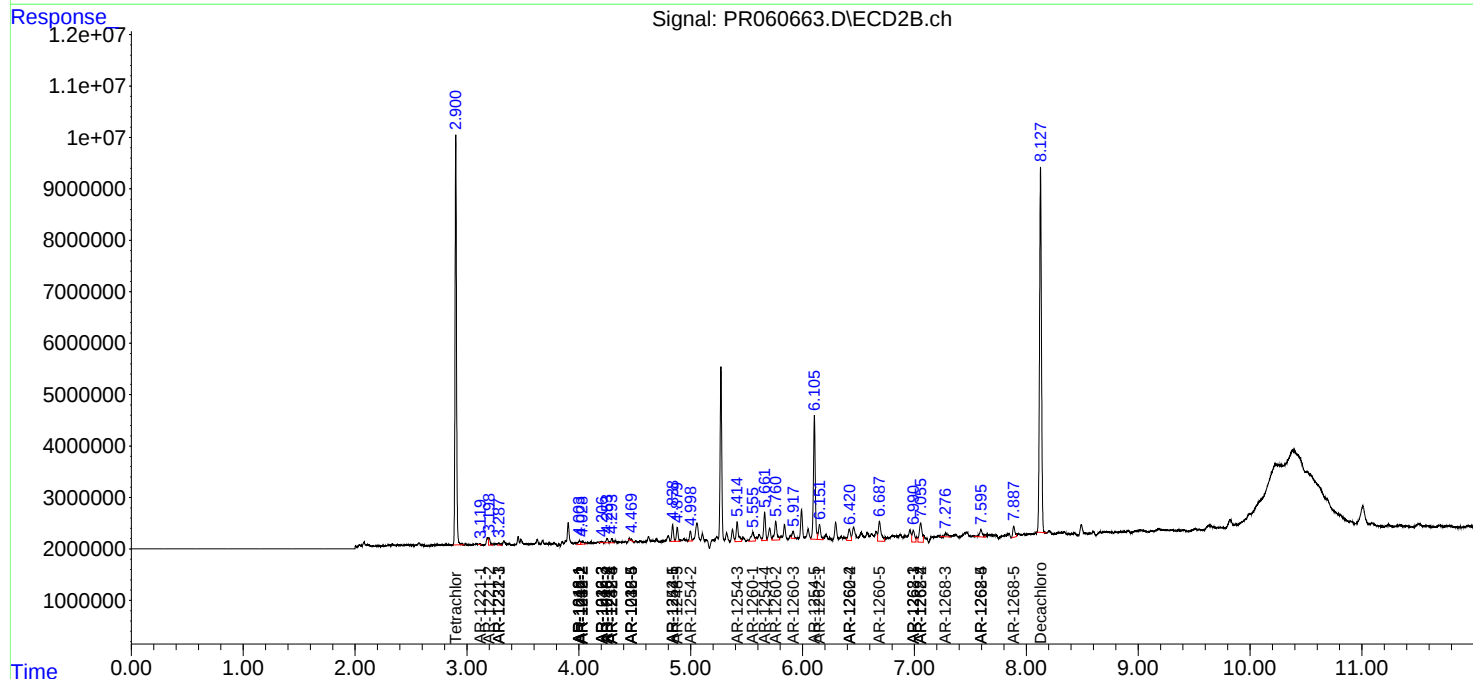
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

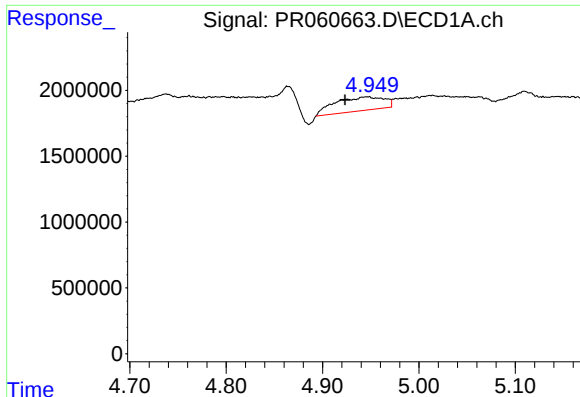
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.305	7.056	1338263	6496414	4.381	11.888 #
43) L9	AR-1268-3	8.532	7.277	625963	1111835	2.377	2.400
44) L9	AR-1268-4	8.948	7.595	1636395	2599504	13.577	13.296
45) L9	AR-1268-5	9.343	7.888	2782087	2845356	3.168	1.875 #

(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

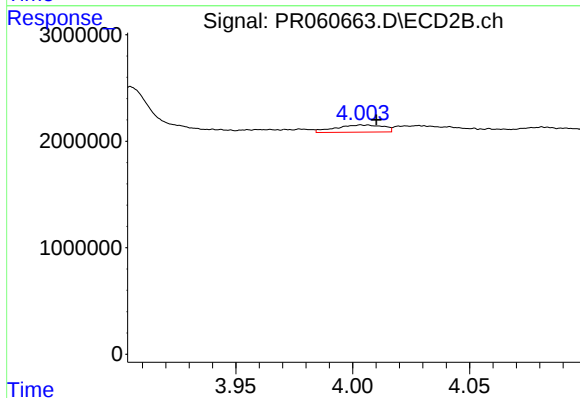




#3 AR-1016-1

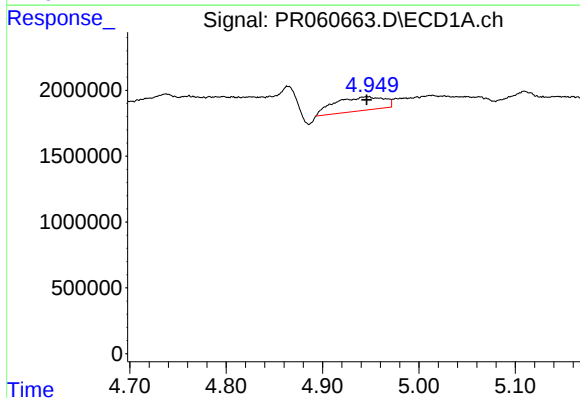
R.T.: 4.947 min
Delta R.T.: 0.024 min
Response: 3737109
Conc: 34.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



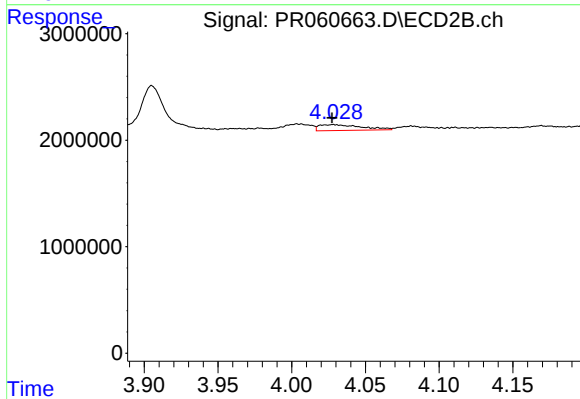
#3 AR-1016-1

R.T.: 4.004 min
Delta R.T.: -0.006 min
Response: 946786
Conc: 6.17 ng/ml



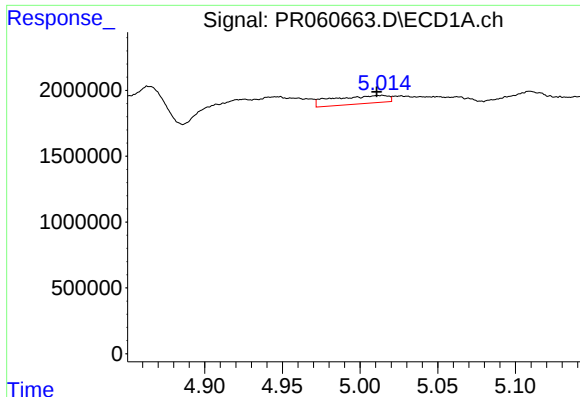
#4 AR-1016-2

R.T.: 4.947 min
Delta R.T.: 0.001 min
Response: 3737109
Conc: 23.98 ng/ml



#4 AR-1016-2

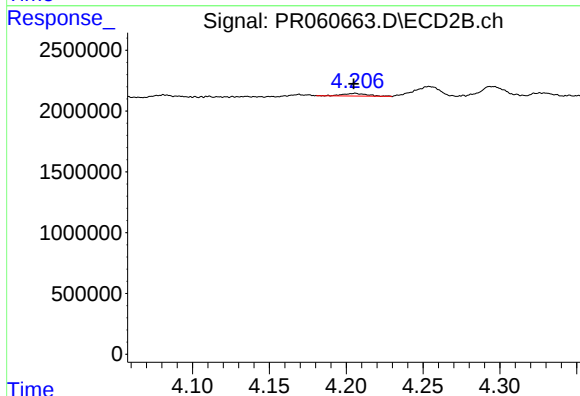
R.T.: 4.028 min
Delta R.T.: 0.001 min
Response: 1084394
Conc: 4.87 ng/ml



#5 AR-1016-3

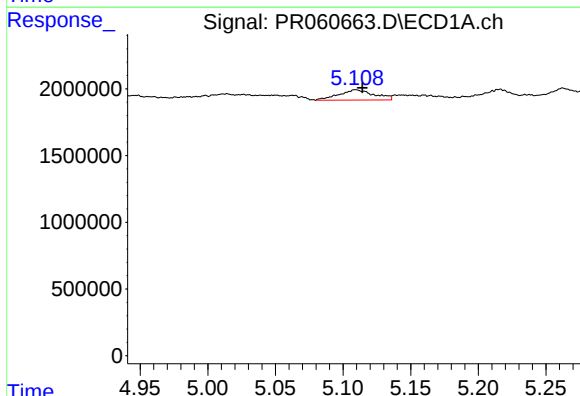
R.T.: 5.014 min
Delta R.T.: 0.003 min
Response: 1523619
Conc: 15.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



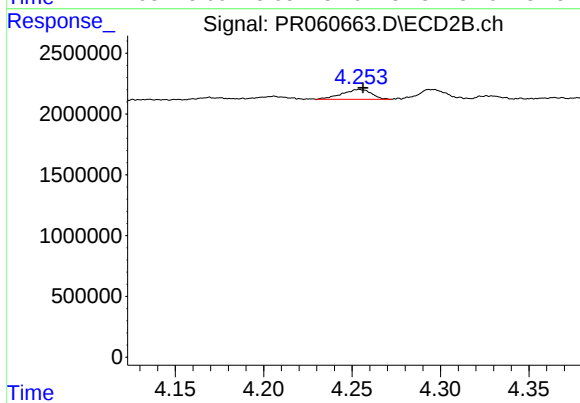
#5 AR-1016-3

R.T.: 4.206 min
Delta R.T.: 0.000 min
Response: 236884
Conc: 2.06 ng/ml



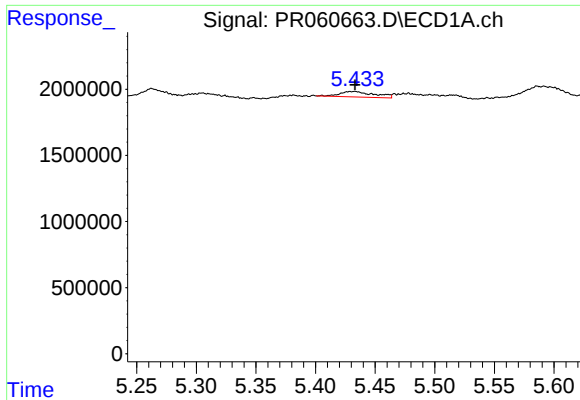
#6 AR-1016-4

R.T.: 5.109 min
Delta R.T.: -0.005 min
Response: 1397881
Conc: 17.73 ng/ml



#6 AR-1016-4

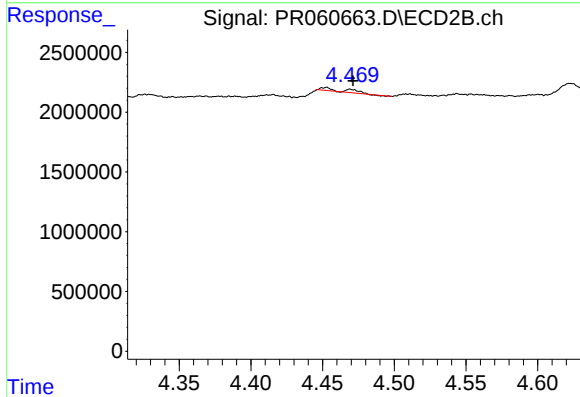
R.T.: 4.254 min
Delta R.T.: -0.002 min
Response: 952011
Conc: 10.59 ng/ml



#7 AR-1016-5

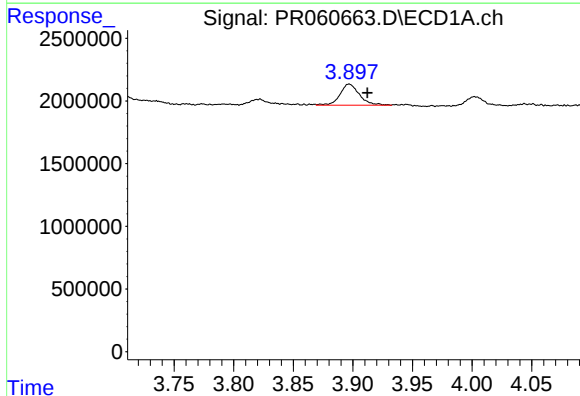
R.T.: 5.433 min
Delta R.T.: 0.000 min
Response: 825719
Conc: 10.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



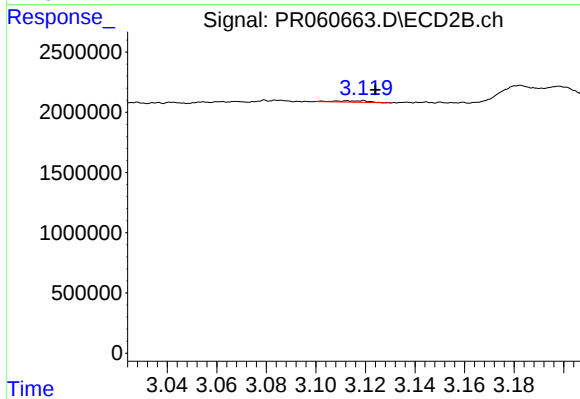
#7 AR-1016-5

R.T.: 4.470 min
Delta R.T.: -0.002 min
Response: 222219
Conc: 1.89 ng/ml



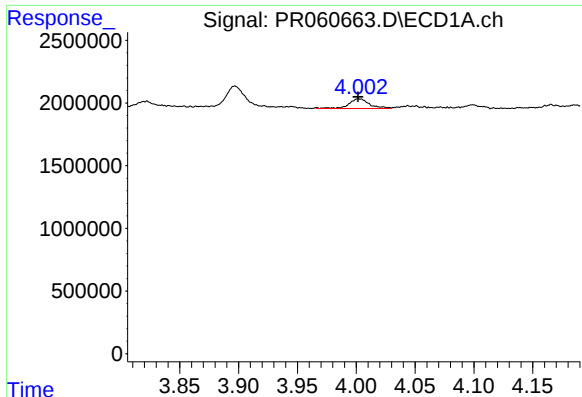
#8 AR-1221-1

R.T.: 3.897 min
Delta R.T.: -0.015 min
Response: 1892315
Conc: 45.64 ng/ml



#8 AR-1221-1

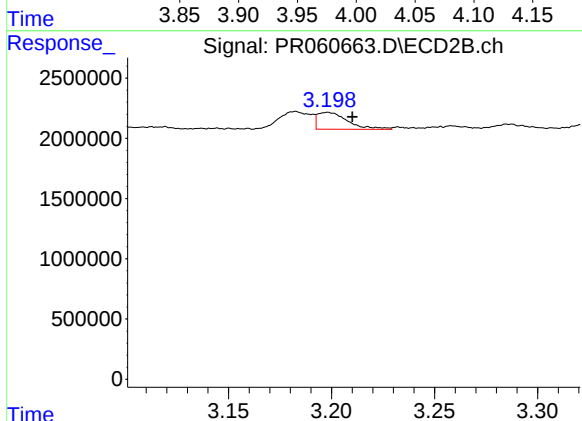
R.T.: 3.113 min
Delta R.T.: -0.011 min
Response: 105729
Conc: 2.13 ng/ml



#9 AR-1221-2

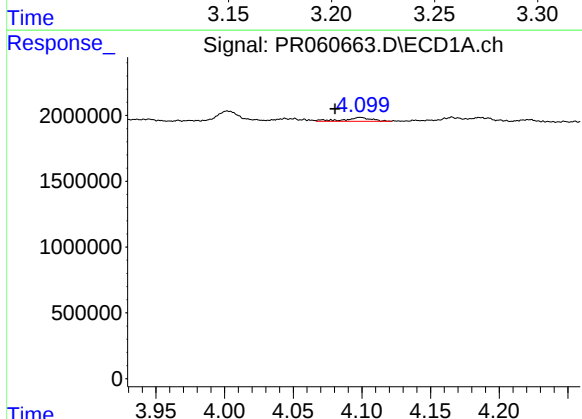
R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 949597
Conc: 33.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



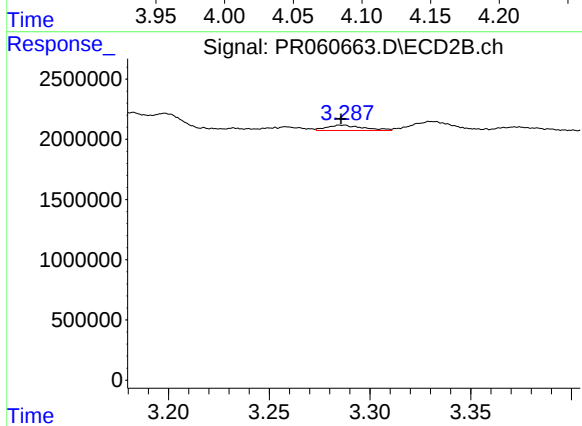
#9 AR-1221-2

R.T.: 3.198 min
Delta R.T.: -0.012 min
Response: 1439822
Conc: 40.32 ng/ml



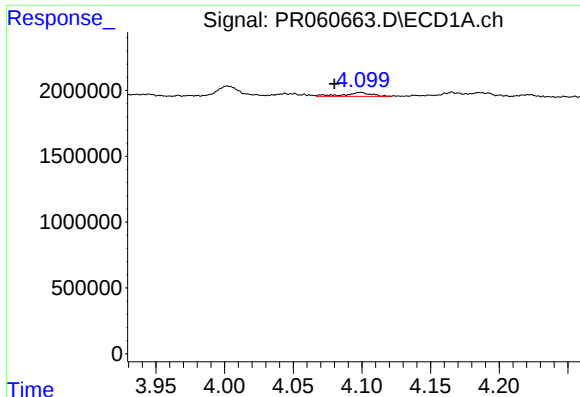
#10 AR-1221-3

R.T.: 4.099 min
Delta R.T.: 0.019 min
Response: 393456
Conc: 4.25 ng/ml



#10 AR-1221-3

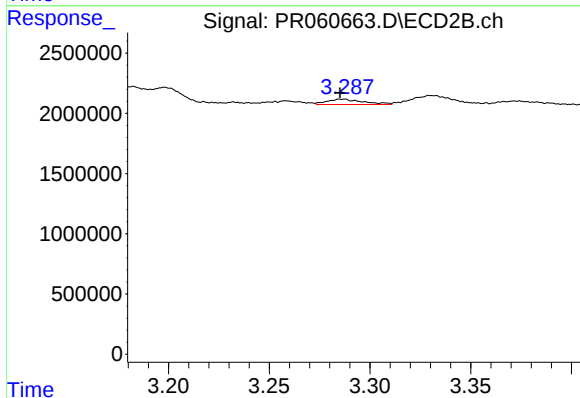
R.T.: 3.286 min
Delta R.T.: 0.000 min
Response: 561517
Conc: 4.65 ng/ml



#11 AR-1232-1

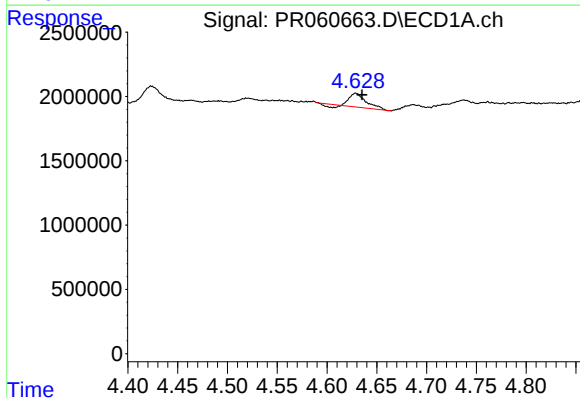
R.T.: 4.099 min
Delta R.T.: 0.019 min
Response: 393456
Conc: 5.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



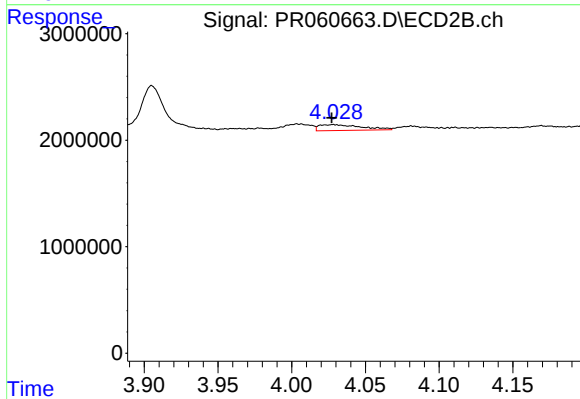
#11 AR-1232-1

R.T.: 3.286 min
Delta R.T.: 0.001 min
Response: 561517
Conc: 5.58 ng/ml



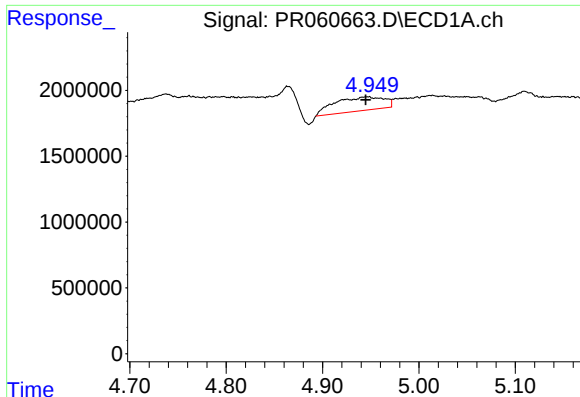
#12 AR-1232-2

R.T.: 4.629 min
Delta R.T.: -0.006 min
Response: 1147524
Conc: 31.34 ng/ml



#12 AR-1232-2

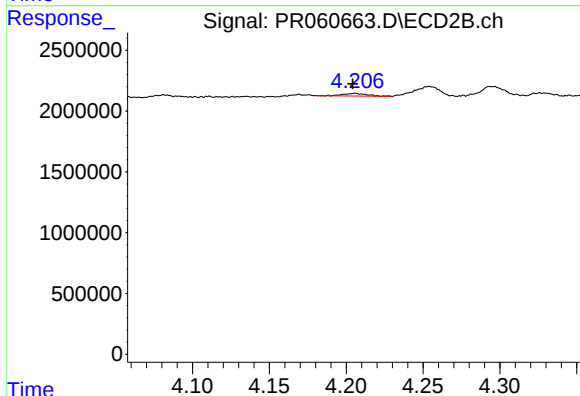
R.T.: 4.028 min
Delta R.T.: 0.001 min
Response: 1084394
Conc: 11.16 ng/ml



#13 AR-1232-3

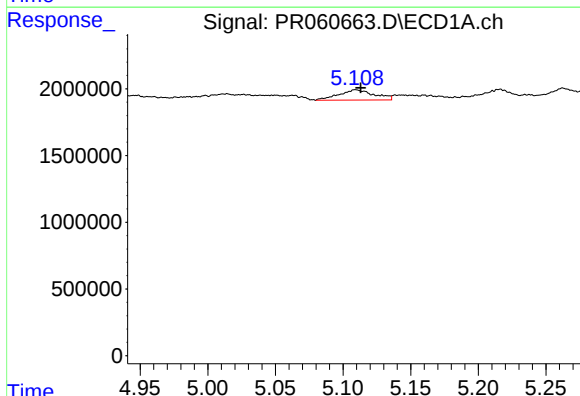
R.T.: 4.947 min
Delta R.T.: 0.002 min
Response: 3737109
Conc: 52.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



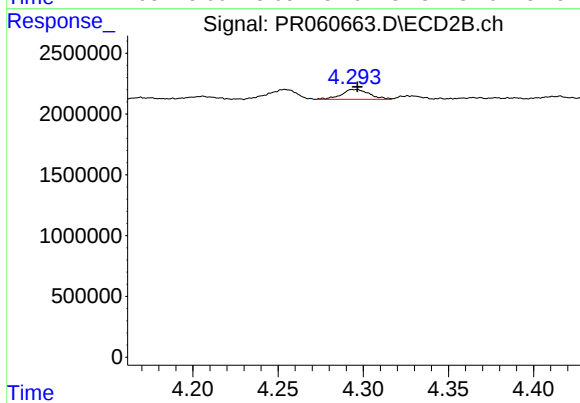
#13 AR-1232-3

R.T.: 4.206 min
Delta R.T.: 0.001 min
Response: 236884
Conc: 4.82 ng/ml



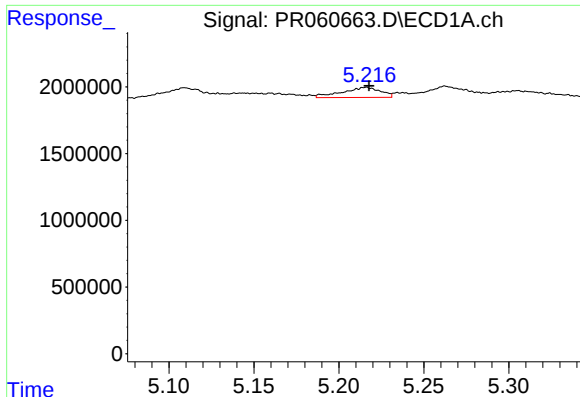
#14 AR-1232-4

R.T.: 5.109 min
Delta R.T.: -0.004 min
Response: 1397881
Conc: 38.33 ng/ml



#14 AR-1232-4

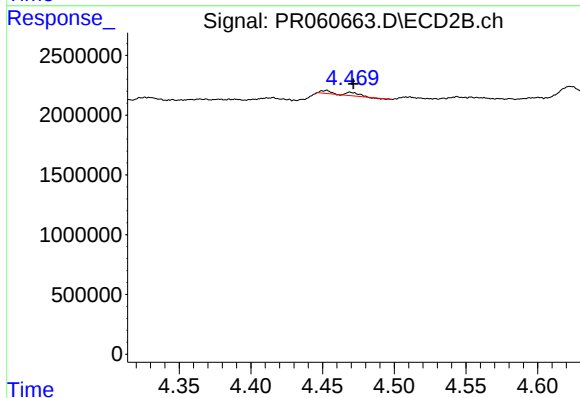
R.T.: 4.295 min
Delta R.T.: -0.002 min
Response: 920801
Conc: 21.40 ng/ml



#15 AR-1232-5

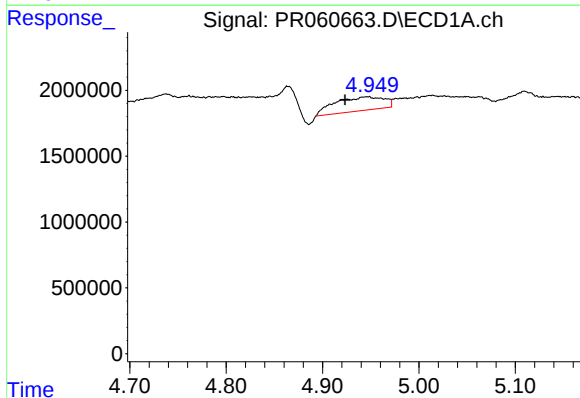
R.T.: 5.216 min
Delta R.T.: -0.002 min
Response: 1174702
Conc: 43.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



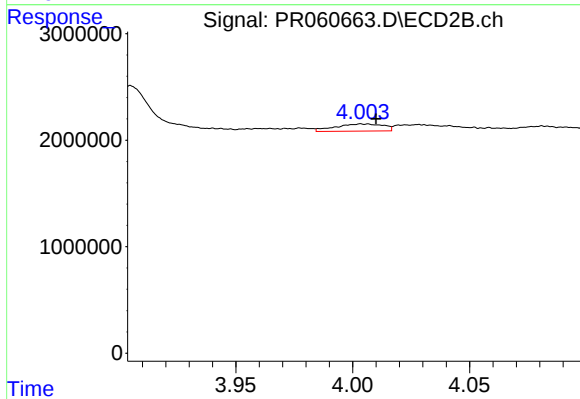
#15 AR-1232-5

R.T.: 4.470 min
Delta R.T.: -0.002 min
Response: 222219
Conc: 4.57 ng/ml



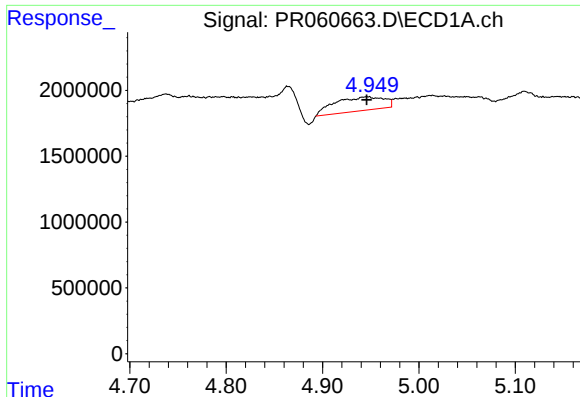
#16 AR-1242-1

R.T.: 4.947 min
Delta R.T.: 0.024 min
Response: 3737109
Conc: 40.63 ng/ml



#16 AR-1242-1

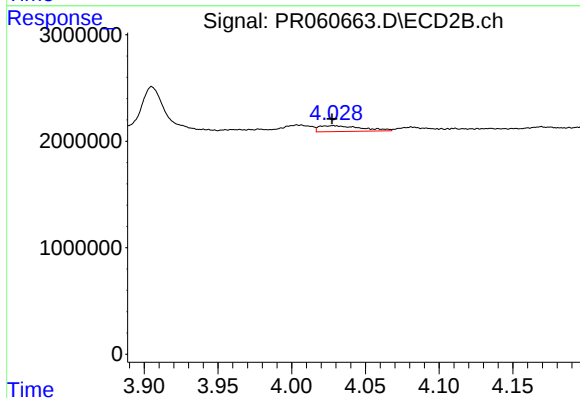
R.T.: 4.004 min
Delta R.T.: -0.006 min
Response: 946786
Conc: 7.59 ng/ml



#17 AR-1242-2

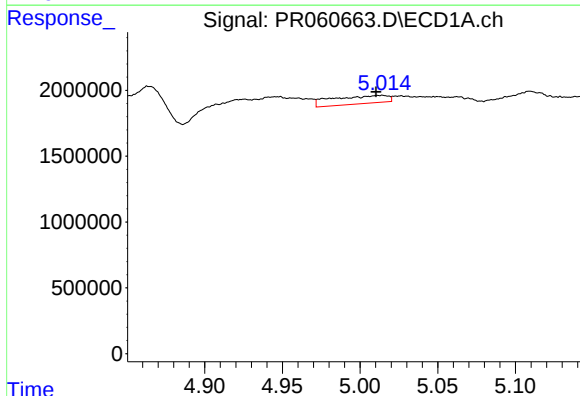
R.T.: 4.947 min
Delta R.T.: 0.001 min
Response: 3737109
Conc: 29.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



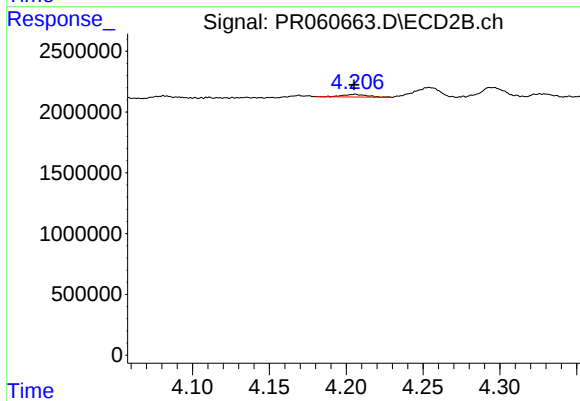
#17 AR-1242-2

R.T.: 4.028 min
Delta R.T.: 0.001 min
Response: 1084394
Conc: 6.04 ng/ml



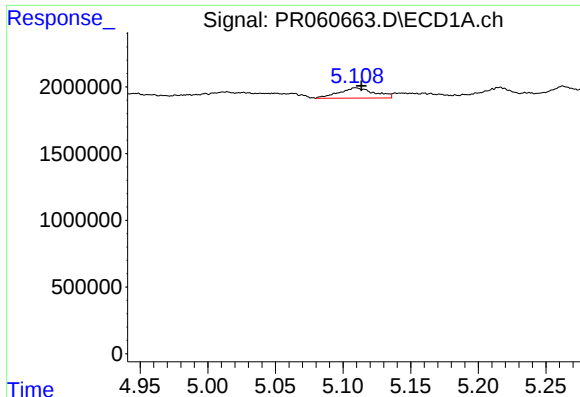
#18 AR-1242-3

R.T.: 5.014 min
Delta R.T.: 0.004 min
Response: 1523619
Conc: 18.47 ng/ml



#18 AR-1242-3

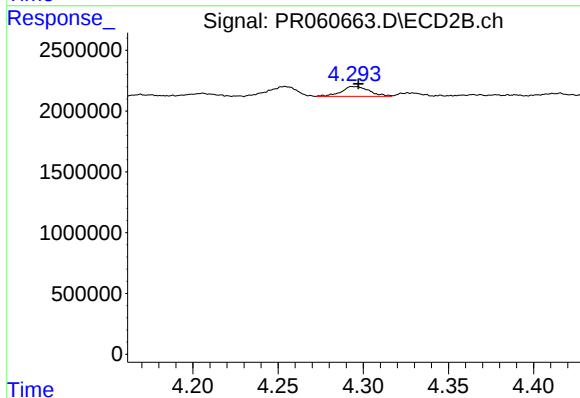
R.T.: 4.206 min
Delta R.T.: 0.000 min
Response: 236884
Conc: 2.56 ng/ml



#19 AR-1242-4

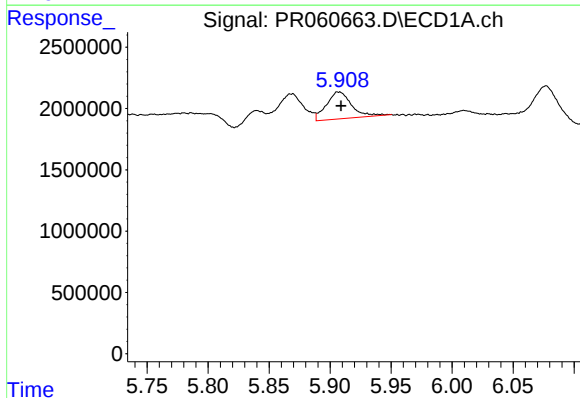
R.T.: 5.109 min
Delta R.T.: -0.004 min
Response: 1397881
Conc: 20.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



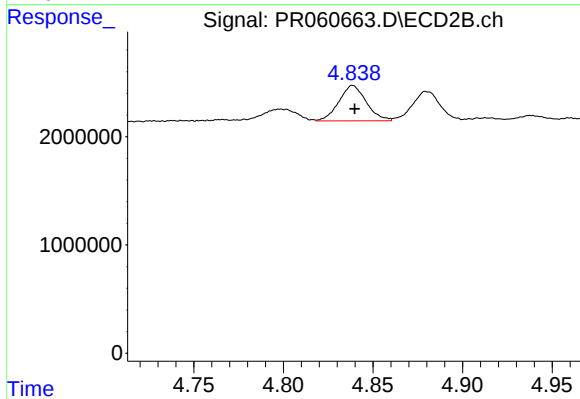
#19 AR-1242-4

R.T.: 4.295 min
Delta R.T.: -0.002 min
Response: 920801
Conc: 10.48 ng/ml



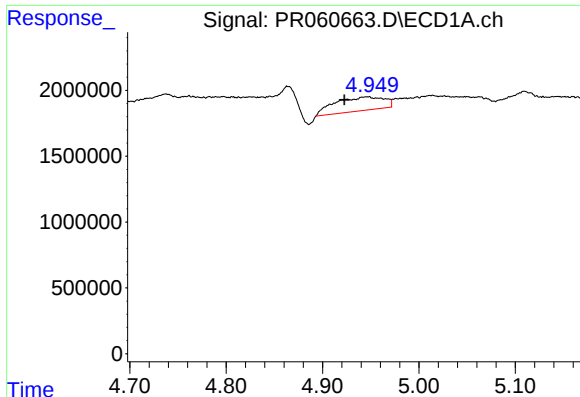
#20 AR-1242-5

R.T.: 5.907 min
Delta R.T.: -0.002 min
Response: 3130554
Conc: 45.31 ng/ml



#20 AR-1242-5

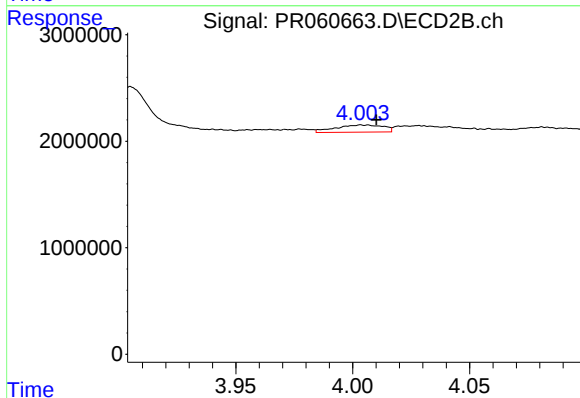
R.T.: 4.839 min
Delta R.T.: 0.000 min
Response: 3479472
Conc: 29.97 ng/ml



#21 AR-1248-1

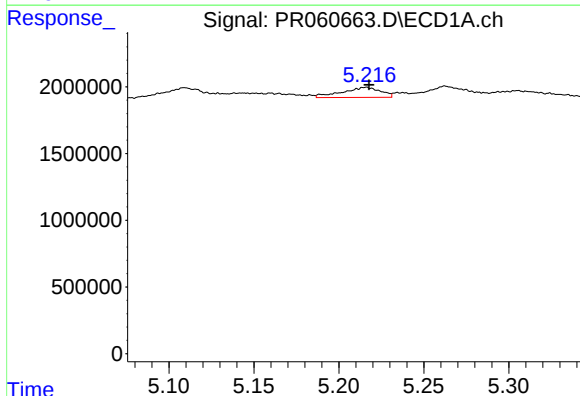
R.T.: 4.947 min
Delta R.T.: 0.025 min
Response: 3737109
Conc: 53.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



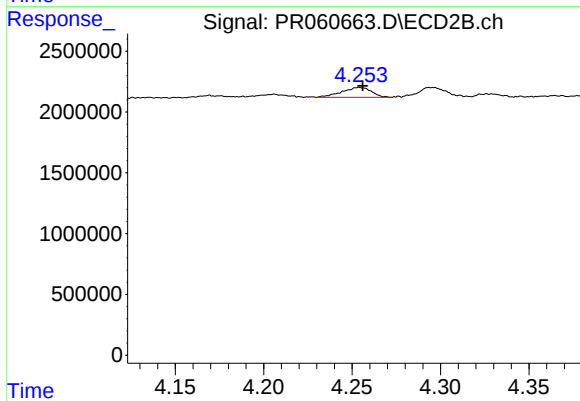
#21 AR-1248-1

R.T.: 4.004 min
Delta R.T.: -0.006 min
Response: 946786
Conc: 9.84 ng/ml



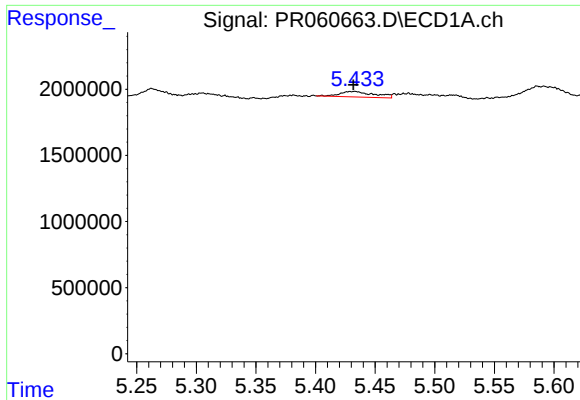
#22 AR-1248-2

R.T.: 5.216 min
Delta R.T.: -0.002 min
Response: 1174702
Conc: 12.32 ng/ml



#22 AR-1248-2

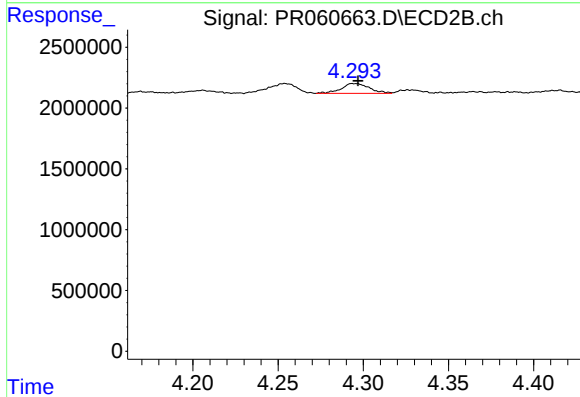
R.T.: 4.254 min
Delta R.T.: -0.002 min
Response: 952011
Conc: 7.07 ng/ml



#23 AR-1248-3

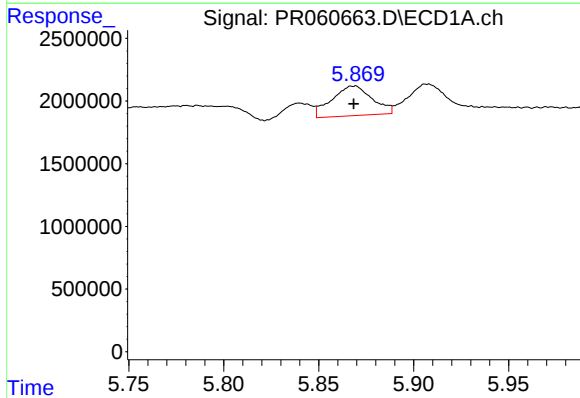
R.T.: 5.433 min
Delta R.T.: 0.001 min
Response: 825719
Conc: 7.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



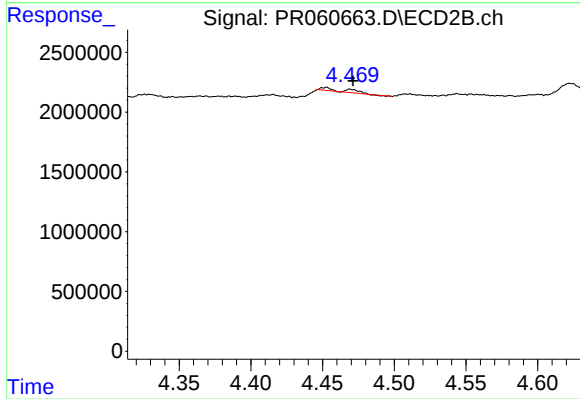
#23 AR-1248-3

R.T.: 4.295 min
Delta R.T.: -0.002 min
Response: 920801
Conc: 6.76 ng/ml



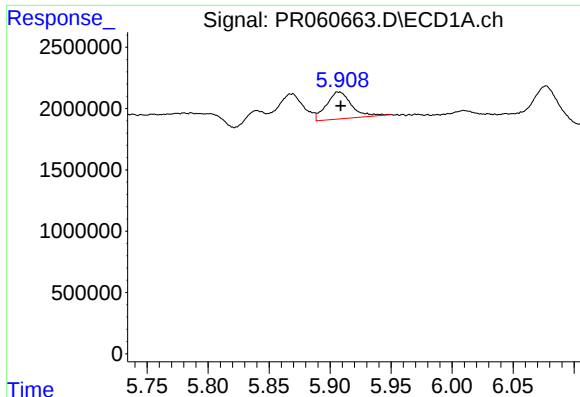
#24 AR-1248-4

R.T.: 5.868 min
Delta R.T.: 0.000 min
Response: 3521747
Conc: 28.11 ng/ml



#24 AR-1248-4

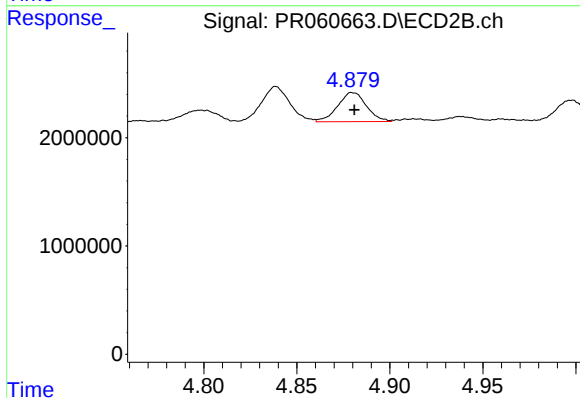
R.T.: 4.470 min
Delta R.T.: -0.002 min
Response: 222219
Conc: 1.34 ng/ml



#25 AR-1248-5

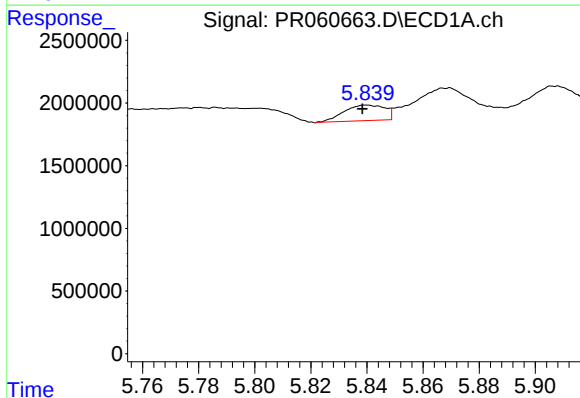
R.T.: 5.907 min
Delta R.T.: -0.002 min
Response: 3130554
Conc: 25.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



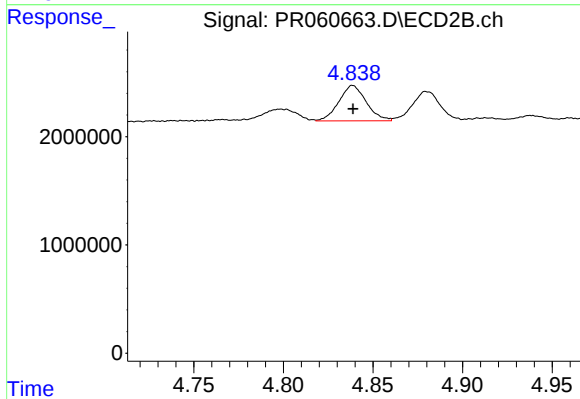
#25 AR-1248-5

R.T.: 4.880 min
Delta R.T.: 0.000 min
Response: 2898241
Conc: 16.99 ng/ml



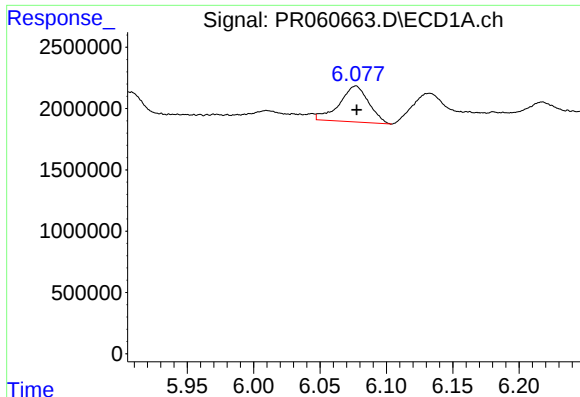
#26 AR-1254-1

R.T.: 5.840 min
Delta R.T.: 0.002 min
Response: 1251299
Conc: 10.59 ng/ml



#26 AR-1254-1

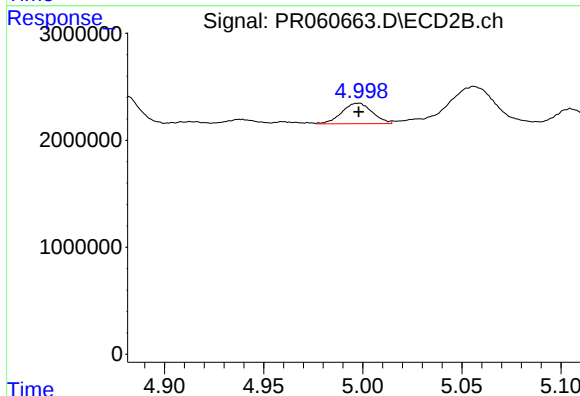
R.T.: 4.839 min
Delta R.T.: 0.000 min
Response: 3479472
Conc: 13.77 ng/ml



#27 AR-1254-2

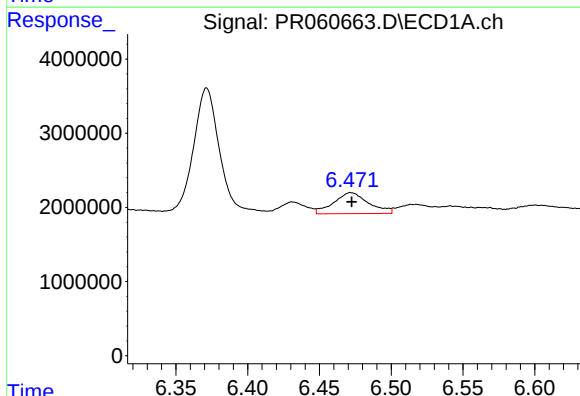
R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 4511394
Conc: 23.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



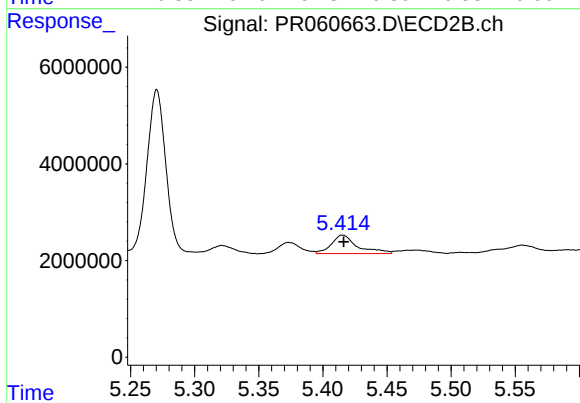
#27 AR-1254-2

R.T.: 4.998 min
Delta R.T.: 0.000 min
Response: 2059894
Conc: 9.39 ng/ml



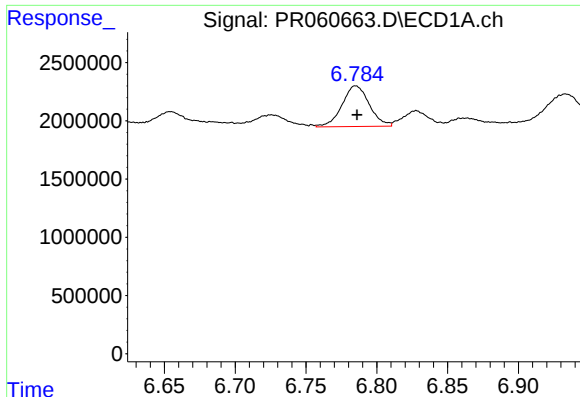
#28 AR-1254-3

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 4822311
Conc: 23.81 ng/ml



#28 AR-1254-3

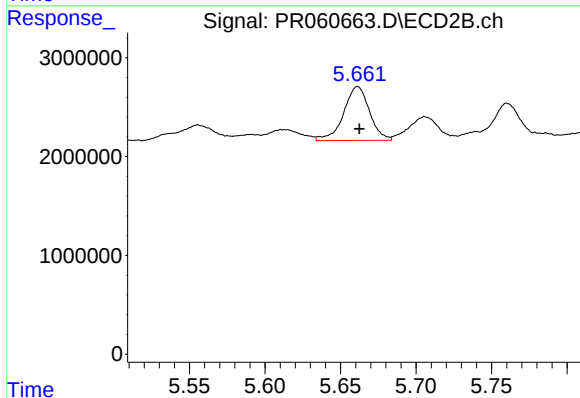
R.T.: 5.415 min
Delta R.T.: 0.000 min
Response: 5447237
Conc: 14.93 ng/ml



#29 AR-1254-4

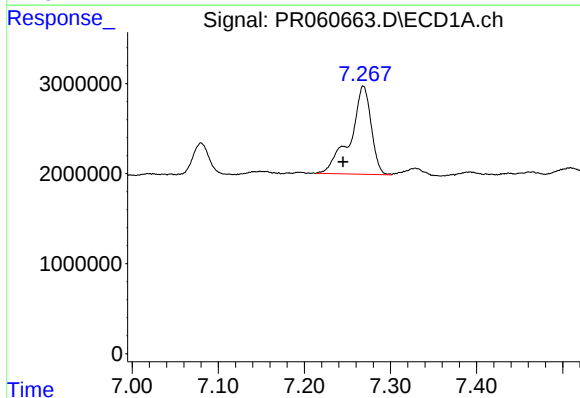
R.T.: 6.785 min
Delta R.T.: 0.000 min
Response: 4680001
Conc: 30.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



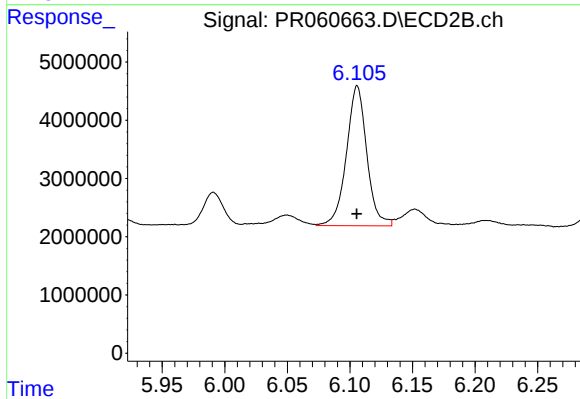
#29 AR-1254-4

R.T.: 5.661 min
Delta R.T.: -0.001 min
Response: 6501692
Conc: 28.33 ng/ml



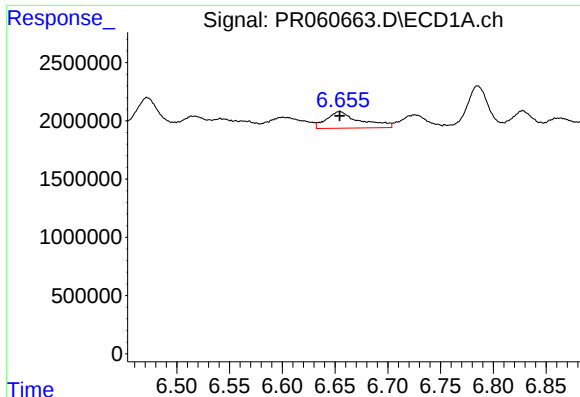
#30 AR-1254-5

R.T.: 7.269 min
Delta R.T.: 0.024 min
Response: 16438600
Conc: 100.53 ng/ml



#30 AR-1254-5

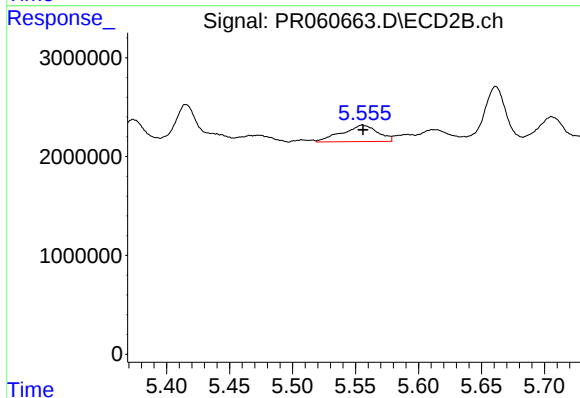
R.T.: 6.106 min
Delta R.T.: 0.000 min
Response: 27336936
Conc: 82.42 ng/ml



#31 AR-1260-1

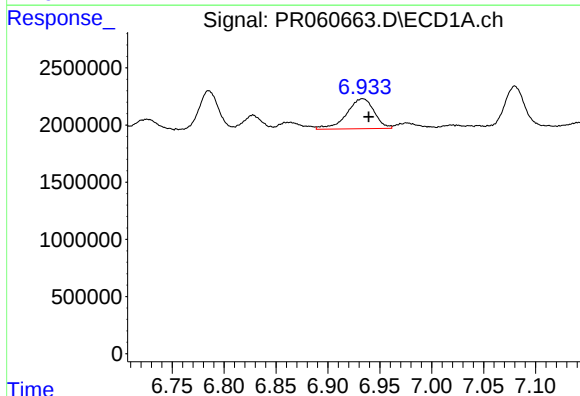
R.T.: 6.654 min
Delta R.T.: 0.000 min
Response: 3168945
Conc: 20.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



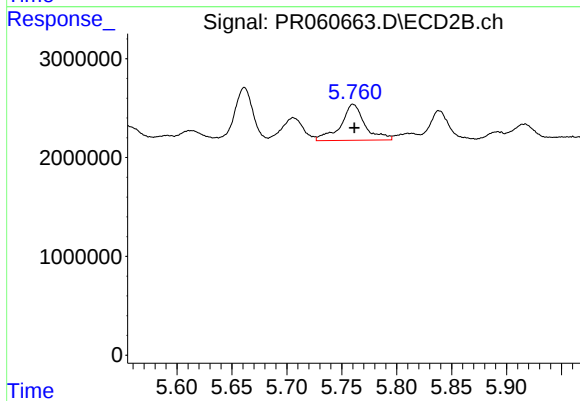
#31 AR-1260-1

R.T.: 5.555 min
Delta R.T.: 0.000 min
Response: 3259274
Conc: 12.80 ng/ml



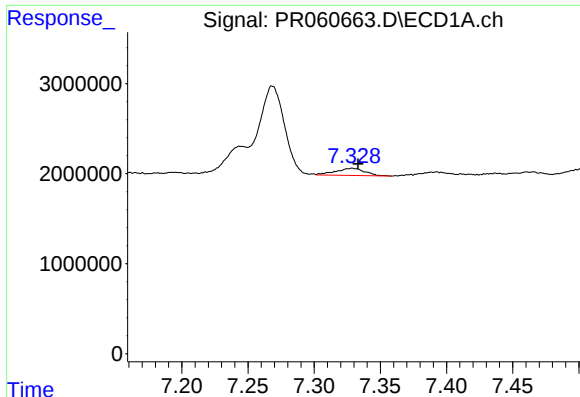
#32 AR-1260-2

R.T.: 6.934 min
Delta R.T.: -0.006 min
Response: 4829834
Conc: 26.20 ng/ml



#32 AR-1260-2

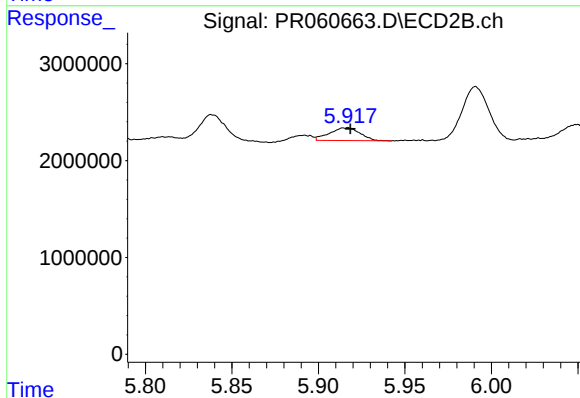
R.T.: 5.760 min
Delta R.T.: -0.001 min
Response: 5618787
Conc: 17.90 ng/ml



#33 AR-1260-3

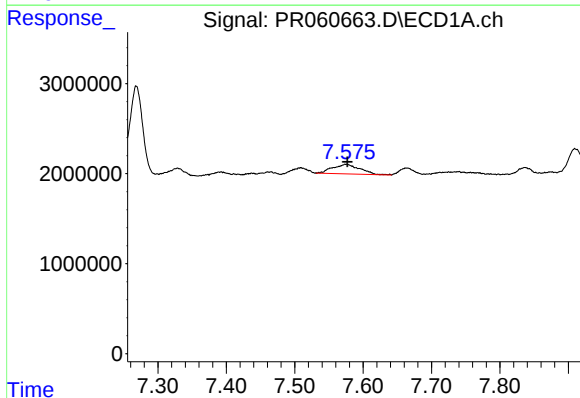
R.T.: 7.329 min
Delta R.T.: -0.004 min
Response: 1221976
Conc: 8.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



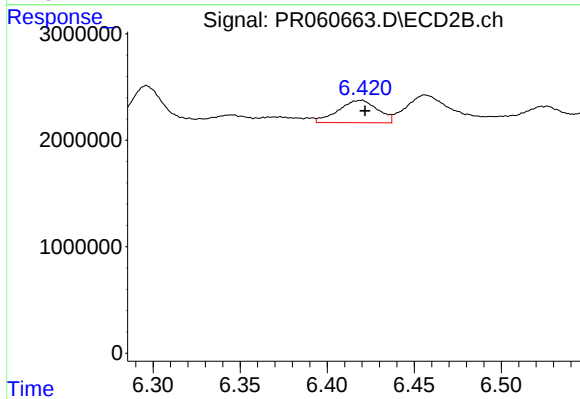
#33 AR-1260-3

R.T.: 5.916 min
Delta R.T.: -0.002 min
Response: 1633255
Conc: 5.67 ng/ml



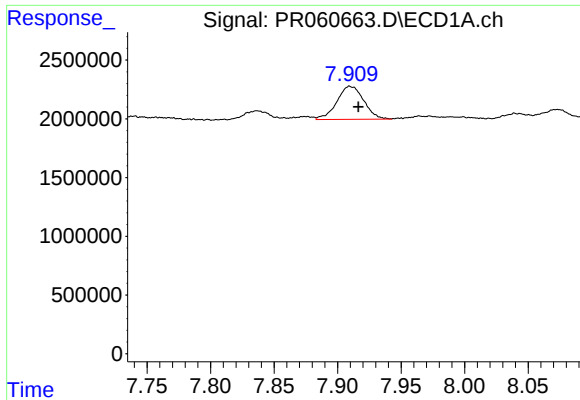
#34 AR-1260-4

R.T.: 7.575 min
Delta R.T.: -0.002 min
Response: 2893388
Conc: 18.30 ng/ml



#34 AR-1260-4

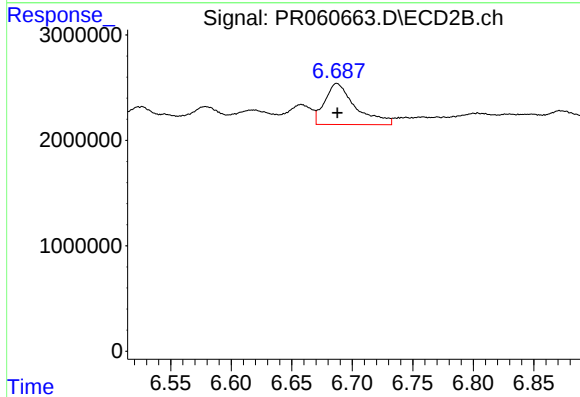
R.T.: 6.420 min
Delta R.T.: -0.002 min
Response: 3321433
Conc: 13.56 ng/ml



#35 AR-1260-5

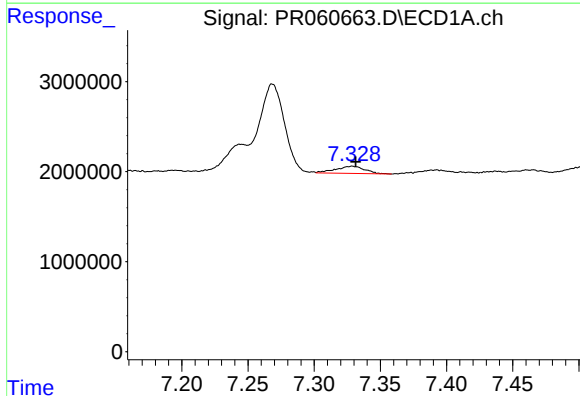
R.T.: 7.910 min
Delta R.T.: -0.007 min
Response: 4169481
Conc: 13.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



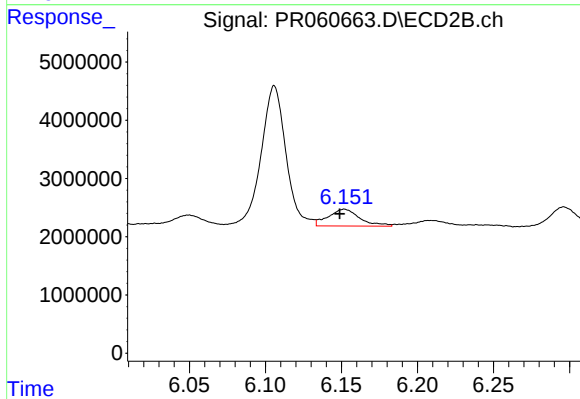
#35 AR-1260-5

R.T.: 6.687 min
Delta R.T.: 0.000 min
Response: 6857769
Conc: 11.60 ng/ml



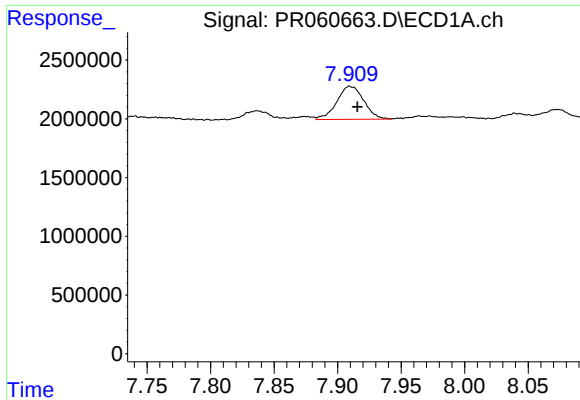
#36 AR-1262-1

R.T.: 7.329 min
Delta R.T.: -0.002 min
Response: 1221976
Conc: 6.11 ng/ml



#36 AR-1262-1

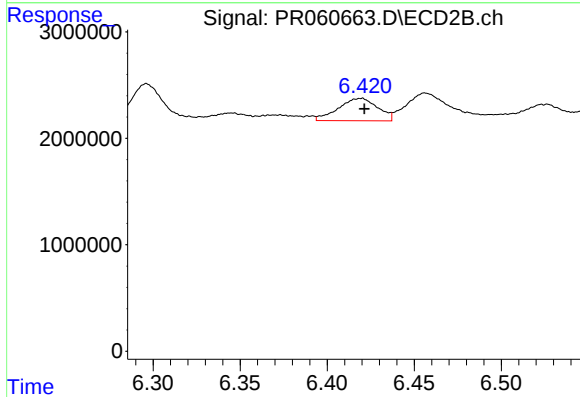
R.T.: 6.152 min
Delta R.T.: 0.003 min
Response: 4209112
Conc: 12.05 ng/ml



#37 AR-1262-2

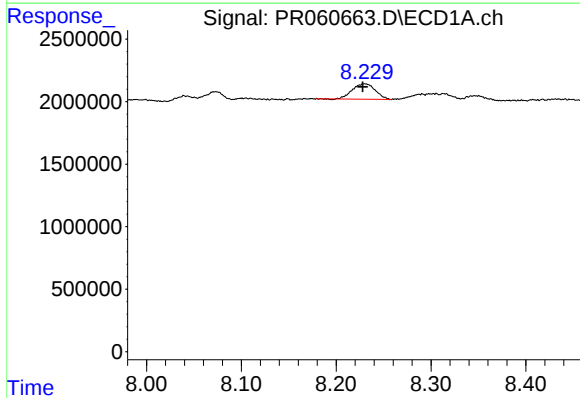
R.T.: 7.910 min
Delta R.T.: -0.006 min
Response: 4169481
Conc: 11.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



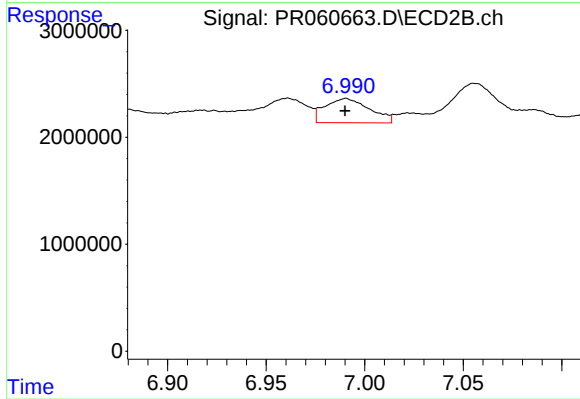
#37 AR-1262-2

R.T.: 6.420 min
Delta R.T.: -0.002 min
Response: 3321433
Conc: 10.47 ng/ml



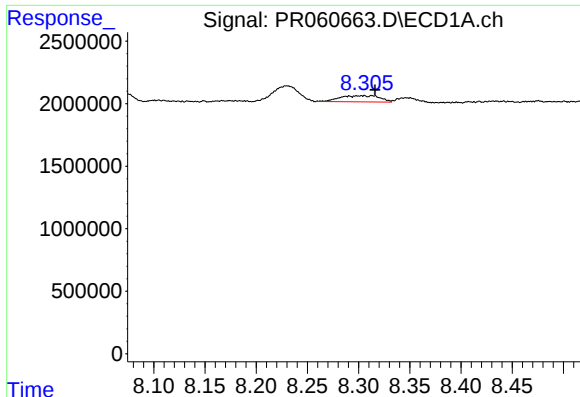
#38 AR-1262-3

R.T.: 8.230 min
Delta R.T.: 0.002 min
Response: 2085865
Conc: 8.48 ng/ml



#38 AR-1262-3

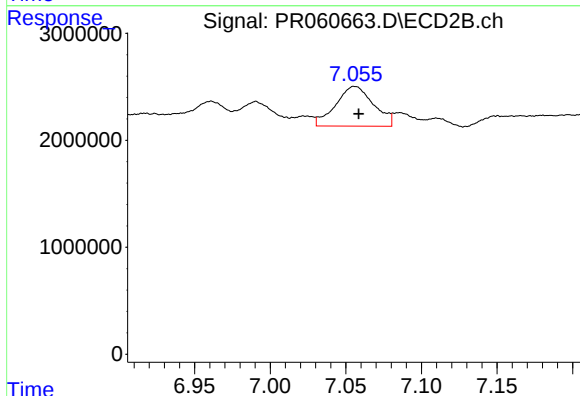
R.T.: 6.990 min
Delta R.T.: 0.000 min
Response: 3576365
Conc: 14.27 ng/ml



#39 AR-1262-4

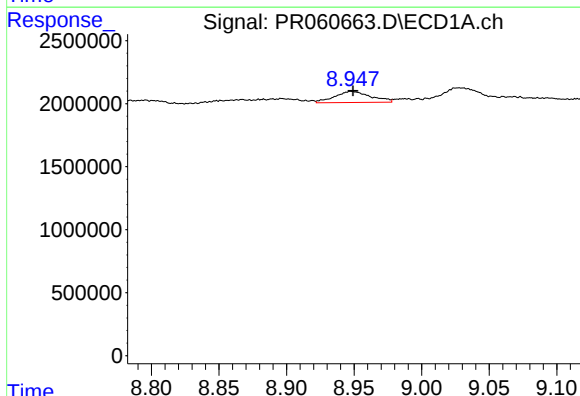
R.T.: 8.305 min
Delta R.T.: -0.011 min
Response: 1338263
Conc: 7.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



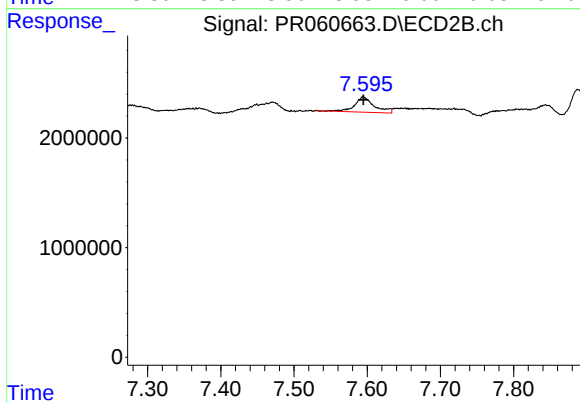
#39 AR-1262-4

R.T.: 7.056 min
Delta R.T.: -0.003 min
Response: 6496414
Conc: 13.34 ng/ml



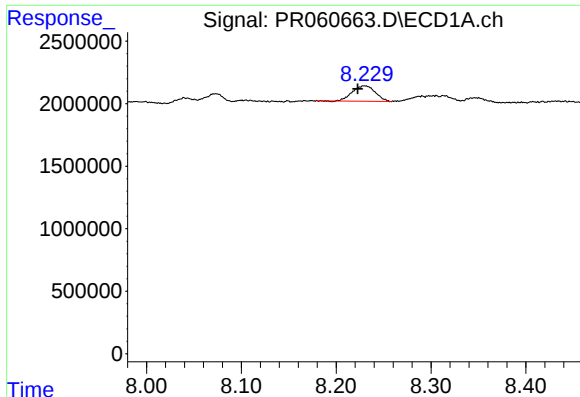
#40 AR-1262-5

R.T.: 8.948 min
Delta R.T.: -0.001 min
Response: 1636395
Conc: 12.03 ng/ml



#40 AR-1262-5

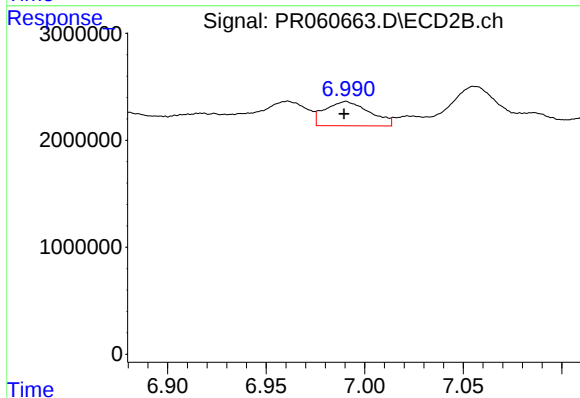
R.T.: 7.595 min
Delta R.T.: 0.000 min
Response: 2599504
Conc: 11.69 ng/ml



#41 AR-1268-1

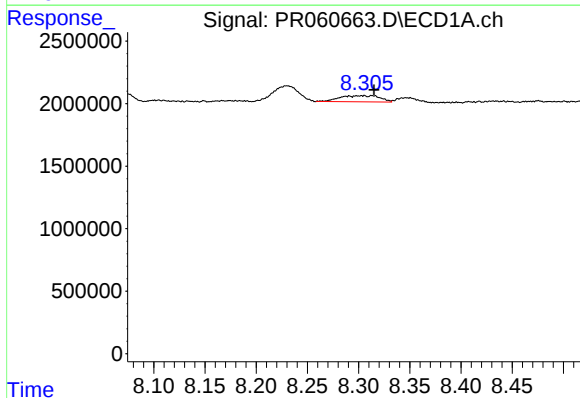
R.T.: 8.230 min
Delta R.T.: 0.007 min
Response: 2085865
Conc: 6.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



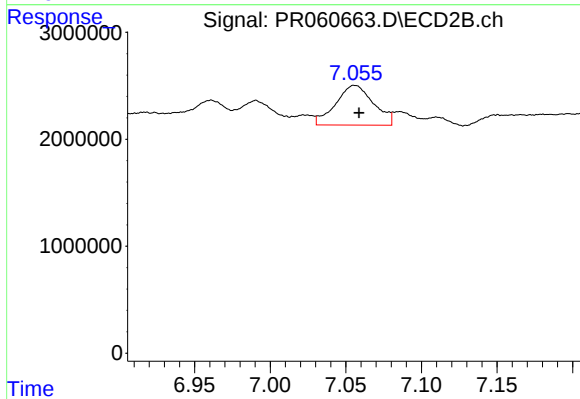
#41 AR-1268-1

R.T.: 6.990 min
Delta R.T.: 0.000 min
Response: 3576365
Conc: 5.96 ng/ml



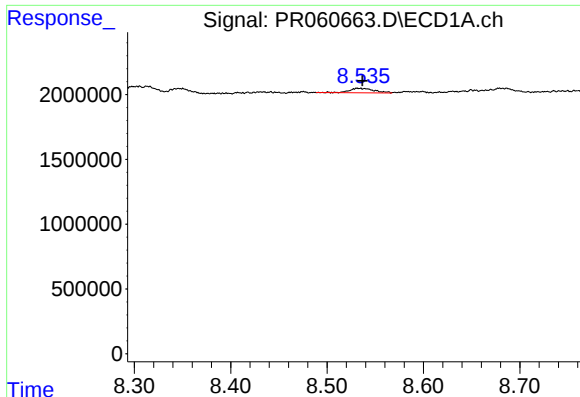
#42 AR-1268-2

R.T.: 8.305 min
Delta R.T.: -0.010 min
Response: 1338263
Conc: 4.38 ng/ml



#42 AR-1268-2

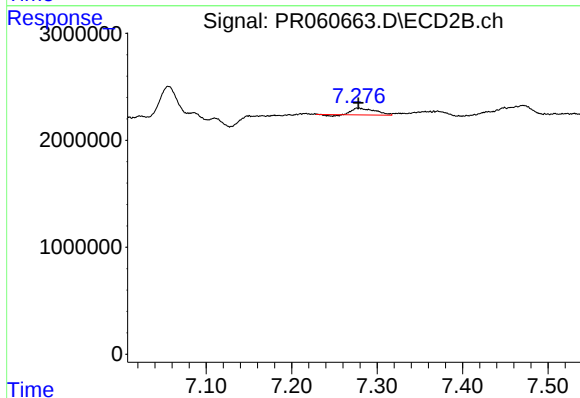
R.T.: 7.056 min
Delta R.T.: -0.003 min
Response: 6496414
Conc: 11.89 ng/ml



#43 AR-1268-3

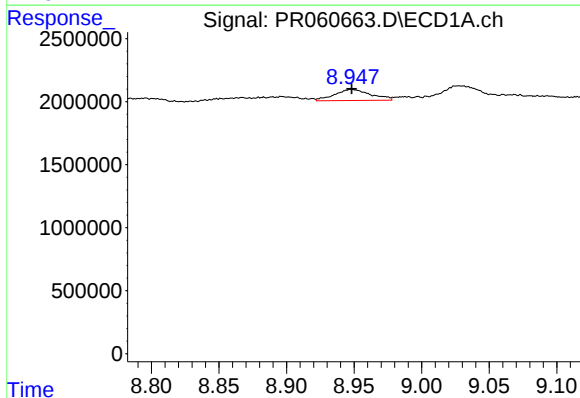
R.T.: 8.532 min
Delta R.T.: -0.004 min
Response: 625963
Conc: 2.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



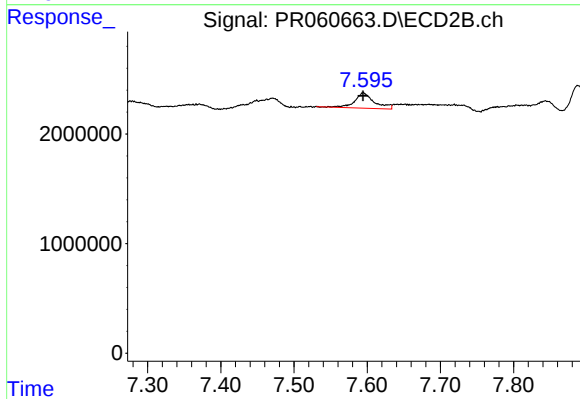
#43 AR-1268-3

R.T.: 7.277 min
Delta R.T.: 0.000 min
Response: 1111835
Conc: 2.40 ng/ml



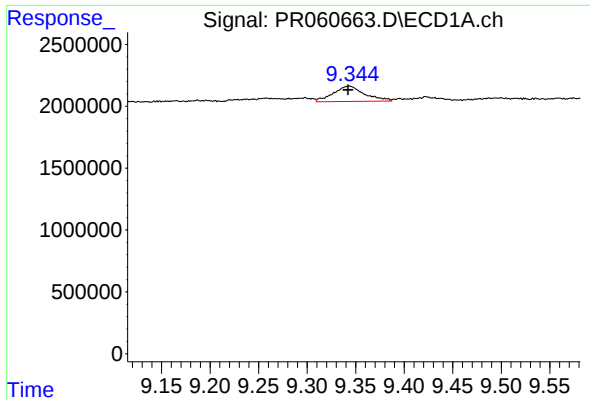
#44 AR-1268-4

R.T.: 8.948 min
Delta R.T.: 0.000 min
Response: 1636395
Conc: 13.58 ng/ml



#44 AR-1268-4

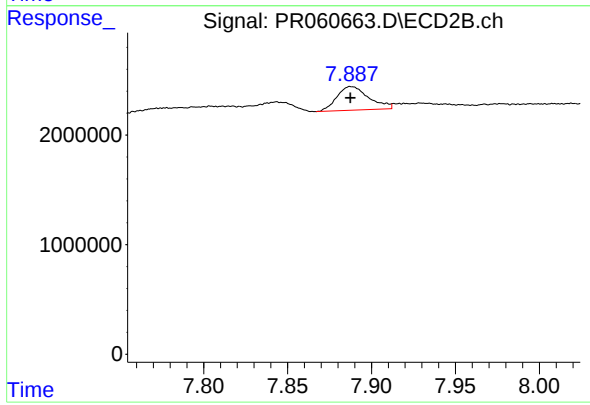
R.T.: 7.595 min
Delta R.T.: 0.000 min
Response: 2599504
Conc: 13.30 ng/ml



#45 AR-1268-5

R.T.: 9.343 min
Delta R.T.: 0.001 min
Response: 2782087
Conc: 3.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.888 min
Delta R.T.: 0.000 min
Response: 2845356
Conc: 1.87 ng/ml