

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081023\
 Data File : PR062581.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2023 16:54
 Operator : YP\AJ
 Sample : 03572-09
 Misc : AR1262 MDL 25 PPB
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 22:12:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR080923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 09 01:27:38 2023
 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...	3.684	2.956	34365211	53877159	17.021	18.559
2)	SA Decachlor...	9.616	8.235	32079393	81174330	21.537	19.563
Target Compounds							
3)	L1 AR-1016-1	4.935f	4.078	555044	456332	8.266	4.207 #
4)	L1 AR-1016-2	4.935	4.096	555044	288777	5.748	1.891 #
5)	L1 AR-1016-3	5.020f	4.281	181004	222017	2.938	2.650
6)	L1 AR-1016-4	0.000	4.325	0	586448	N.D.	8.643 #
7)	L1 AR-1016-5	5.419	4.547	198210	348939	3.799	3.835
8)	L2 AR-1221-1	3.891f	3.207f	88620	348259	3.623	9.205 #
9)	L2 AR-1221-2	3.996	3.261	509765	1351785	32.904	37.438
10)	L2 AR-1221-3	4.081	3.346	446985	2248651	7.446	24.999 #
11)	L3 AR-1232-1	4.081	3.346	446985	2248651	9.000	30.025 #
12)	L3 AR-1232-2	4.614	4.096	102838	288777	4.164	4.187
13)	L3 AR-1232-3	4.935	4.281	555044	222017	12.994	5.983 #
14)	L3 AR-1232-4	0.000	4.398f	0	661076	N.D.	19.523 #
15)	L3 AR-1232-5	5.200	4.547	225530	348939	12.968	8.880 #
16)	L4 AR-1242-1	4.935f	4.078	555044	456332	9.958	5.072 #
17)	L4 AR-1242-2	4.935	4.096	555044	288777	6.914	2.303 #
18)	L4 AR-1242-3	5.020f	4.281	181004	222017	3.515	3.209
19)	L4 AR-1242-4	0.000	4.398f	0	661076	N.D.	9.640 #
20)	L4 AR-1242-5	5.901	4.918	363306	1533229	8.480	17.125 #
21)	L5 AR-1248-1	4.935f	4.078	555044	456332	13.513	6.820 #
22)	L5 AR-1248-2	5.200	4.325	225530	586448	3.724	6.120 #
23)	L5 AR-1248-3	5.419	4.398f	198210	661076	2.826	6.696 #
24)	L5 AR-1248-4	5.857	4.547	228098	348939	3.154	2.941
25)	L5 AR-1248-5	5.901	4.945f	363306	2393006	5.129	20.024 #
26)	L6 AR-1254-1	5.826	4.918	736122	1533229	9.210	8.560
27)	L6 AR-1254-2	6.063	5.075	837957	4357203	7.020	27.861 #
28)	L6 AR-1254-3	6.456	5.519f	935024	2646199	7.900	10.192 #
29)	L6 AR-1254-4	6.769	5.756	162651	816019	1.954	4.871 #
30)	L6 AR-1254-5	7.220	6.194	2301224	3922139	25.600	15.773 #
31)	L7 AR-1260-1	6.636	5.641	2036282	4282252	19.724	22.011
32)	L7 AR-1260-2	6.918	5.847	2114645	4380125	19.278	18.424
33)	L7 AR-1260-3	7.310	6.008	4116930	4666225	50.497	20.690 #
34)	L7 AR-1260-4	7.553	6.513	3592509	5873601	39.946	29.651 #
35)	L7 AR-1260-5	7.890	6.780	4619803	12627341	28.511	27.247
36)	L8 AR-1262-1	7.310	6.239	4116930	7451556	35.863	28.624
37)	L8 AR-1262-2	7.890	6.780	4619803	12627341	25.565	25.978
38)	L8 AR-1262-3	8.198	7.086	2980310	6011506	23.493	30.253 #
39)	L8 AR-1262-4	8.282	7.154	2299683	9031799	22.788	24.261
40)	L8 AR-1262-5	8.915	7.692	1603479	3691199	24.888	20.815
41)	L9 AR-1268-1	8.198	7.086	2980310	6011506	13.742	10.323

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 Operator : YP\AJ
 Sample : 03572-09
 Misc : AR1262 MDL 25 PPB
 ALS Vial : 28 Sample Multiplier: 1

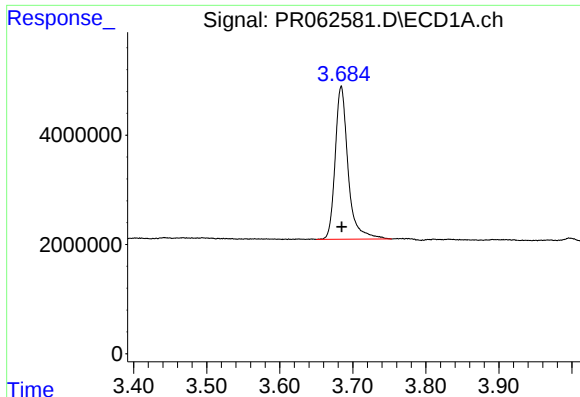
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 22:12:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR080923.M
 Quant Title : GC EXTRACTABLES
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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	8.282	7.154	2299683	9031799	11.358	16.766 #
43) L9	AR-1268-3	8.501	7.379	380544	1139612	2.146	2.416
44) L9	AR-1268-4	8.915	7.692	1603479	3691199	23.162	18.676
45) L9	AR-1268-5	9.303	7.988	865978	2606734	1.704	1.742

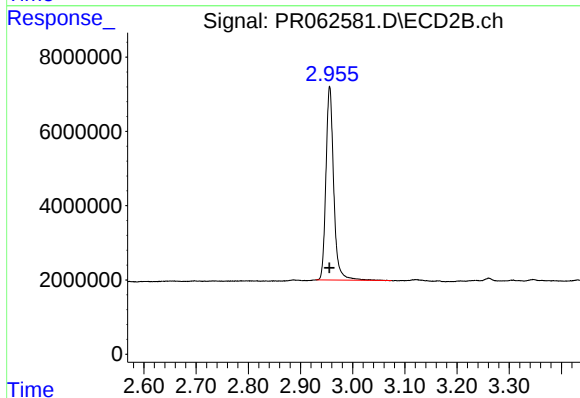
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

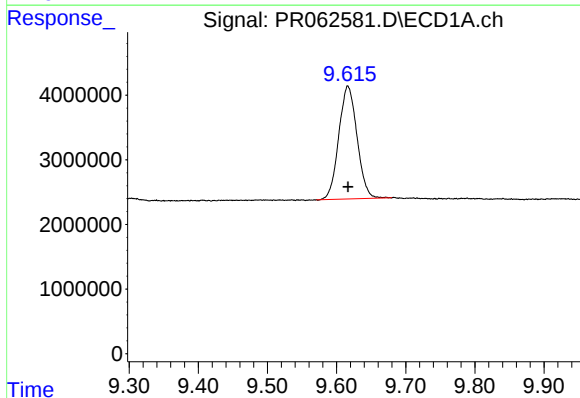
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 34365211
Conc: 17.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



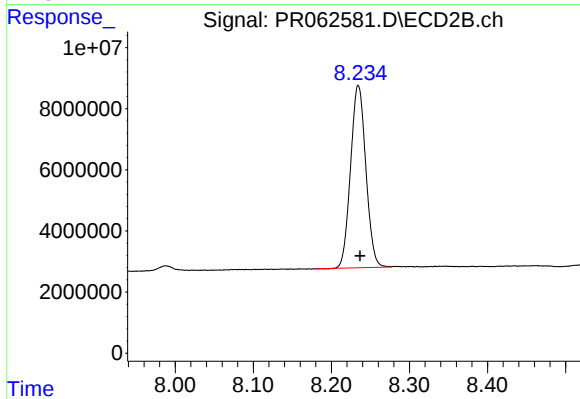
#1 Tetrachloro-m-xylene

R.T.: 2.956 min
Delta R.T.: 0.000 min
Response: 53877159
Conc: 18.56 ng/ml



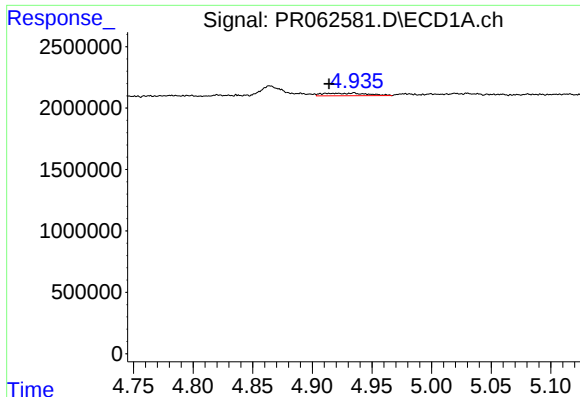
#2 Decachlorobiphenyl

R.T.: 9.616 min
Delta R.T.: 0.000 min
Response: 32079393
Conc: 21.54 ng/ml



#2 Decachlorobiphenyl

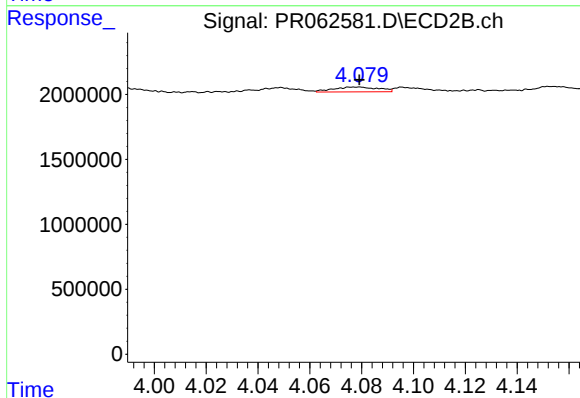
R.T.: 8.235 min
Delta R.T.: -0.002 min
Response: 81174330
Conc: 19.56 ng/ml



#3 AR-1016-1

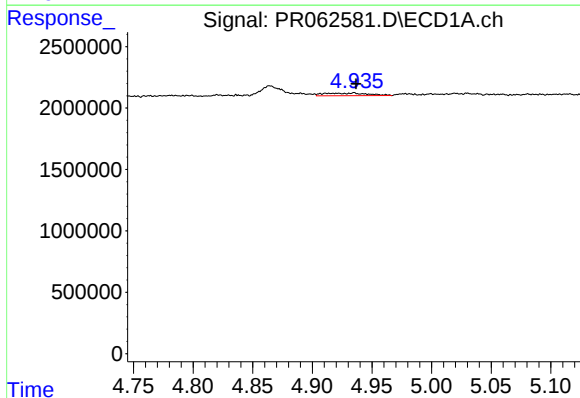
R.T.: 4.935 min
Delta R.T.: 0.021 min
Response: 555044
Conc: 8.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



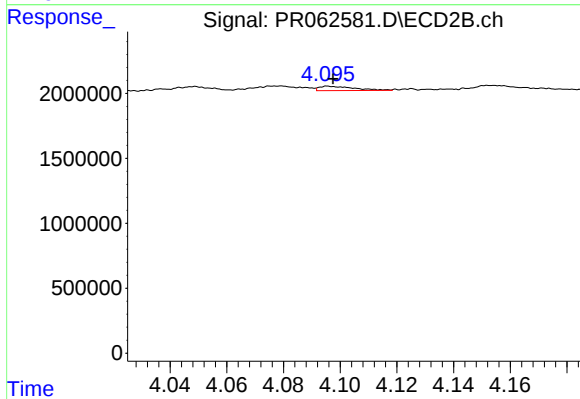
#3 AR-1016-1

R.T.: 4.078 min
Delta R.T.: -0.001 min
Response: 456332
Conc: 4.21 ng/ml



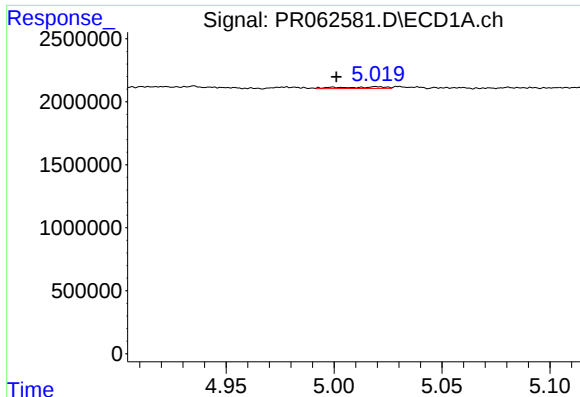
#4 AR-1016-2

R.T.: 4.935 min
Delta R.T.: -0.002 min
Response: 555044
Conc: 5.75 ng/ml



#4 AR-1016-2

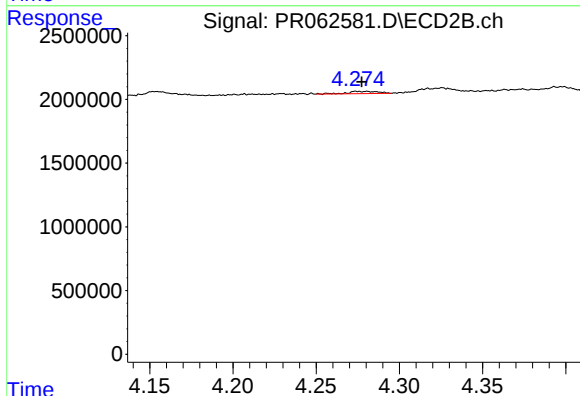
R.T.: 4.096 min
Delta R.T.: -0.002 min
Response: 288777
Conc: 1.89 ng/ml



#5 AR-1016-3

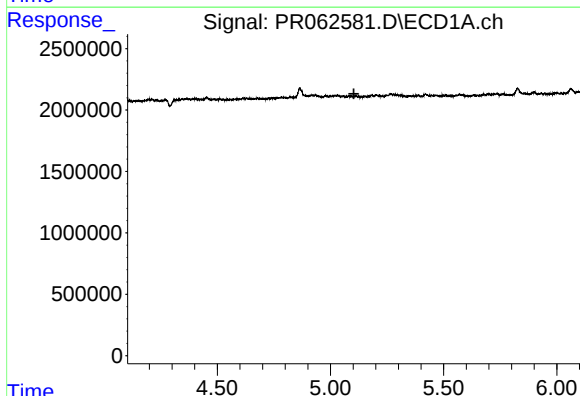
R.T.: 5.020 min
Delta R.T.: 0.019 min
Response: 181004
Conc: 2.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



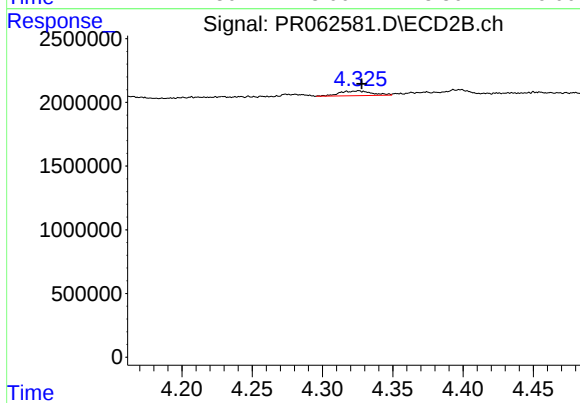
#5 AR-1016-3

R.T.: 4.281 min
Delta R.T.: 0.003 min
Response: 222017
Conc: 2.65 ng/ml



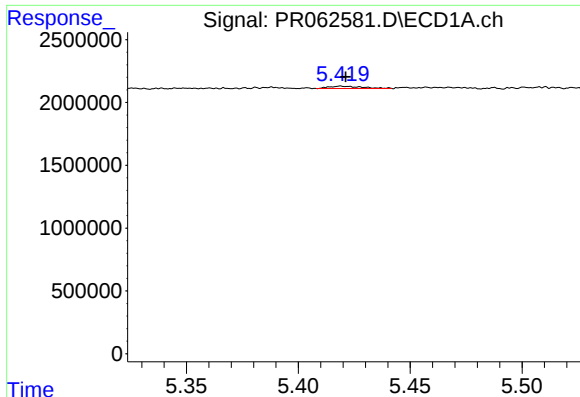
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.104 min
Response: 0
Conc: N.D.



#6 AR-1016-4

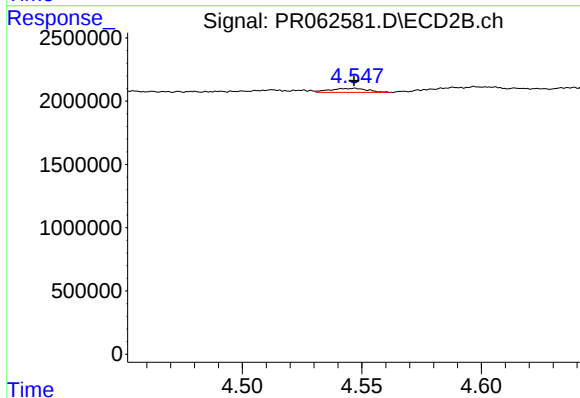
R.T.: 4.325 min
Delta R.T.: -0.003 min
Response: 586448
Conc: 8.64 ng/ml



#7 AR-1016-5

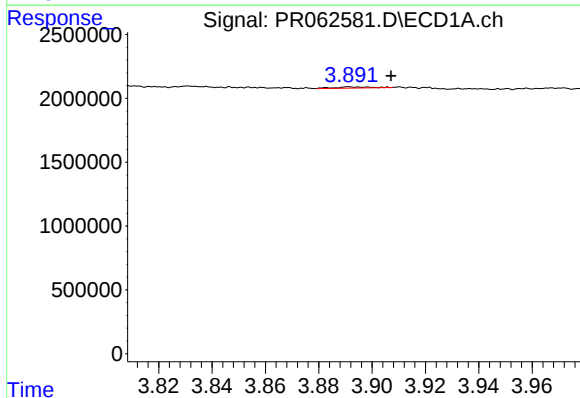
R.T.: 5.419 min
Delta R.T.: -0.002 min
Response: 198210
Conc: 3.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



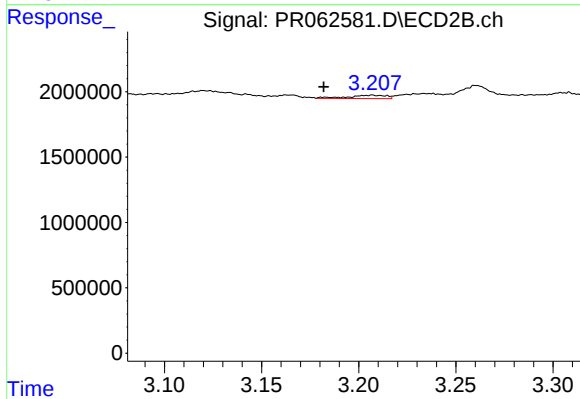
#7 AR-1016-5

R.T.: 4.547 min
Delta R.T.: 0.000 min
Response: 348939
Conc: 3.84 ng/ml



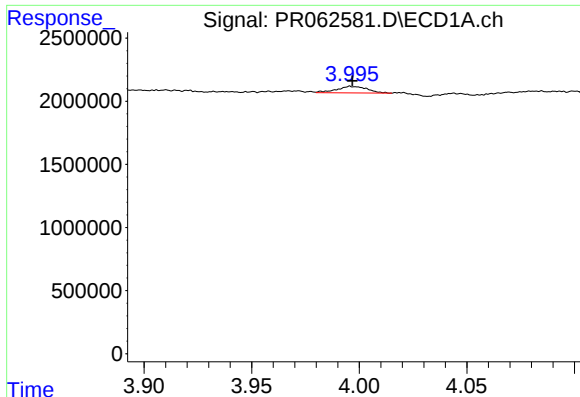
#8 AR-1221-1

R.T.: 3.891 min
Delta R.T.: -0.016 min
Response: 88620
Conc: 3.62 ng/ml



#8 AR-1221-1

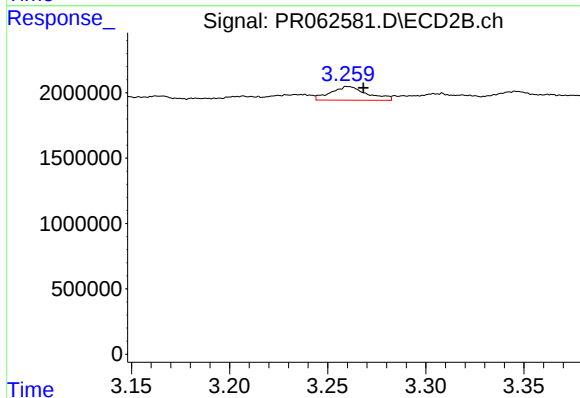
R.T.: 3.207 min
Delta R.T.: 0.025 min
Response: 348259
Conc: 9.21 ng/ml



#9 AR-1221-2

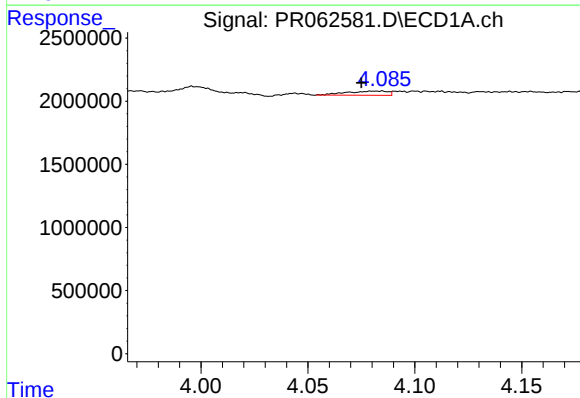
R.T.: 3.996 min
Delta R.T.: 0.000 min
Response: 509765
Conc: 32.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



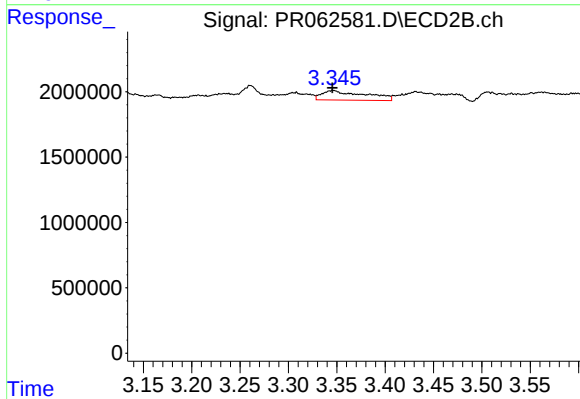
#9 AR-1221-2

R.T.: 3.261 min
Delta R.T.: -0.007 min
Response: 1351785
Conc: 37.44 ng/ml



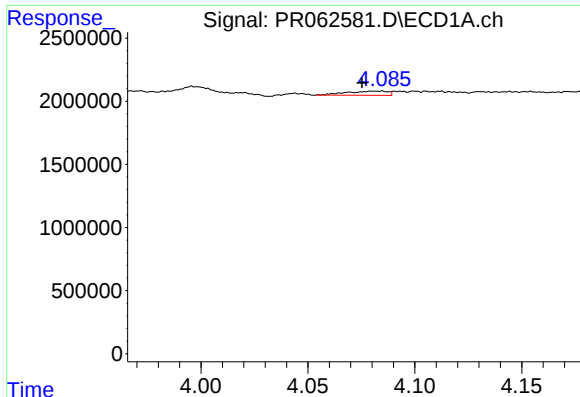
#10 AR-1221-3

R.T.: 4.081 min
Delta R.T.: 0.006 min
Response: 446985
Conc: 7.45 ng/ml



#10 AR-1221-3

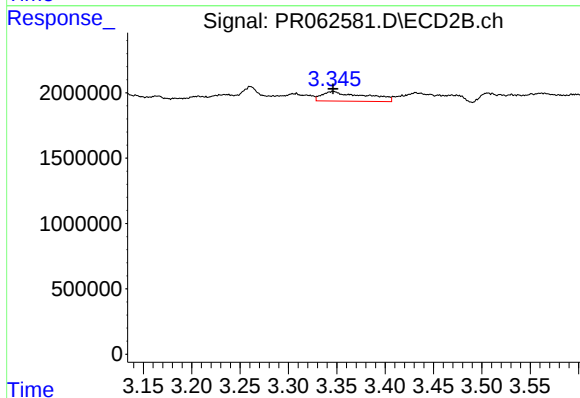
R.T.: 3.346 min
Delta R.T.: 0.000 min
Response: 2248651
Conc: 25.00 ng/ml



#11 AR-1232-1

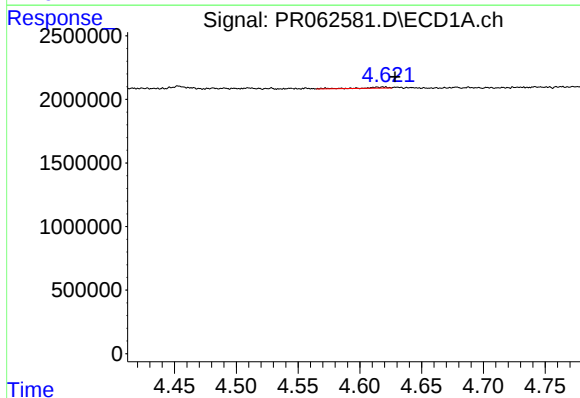
R.T.: 4.081 min
Delta R.T.: 0.006 min
Response: 446985
Conc: 9.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



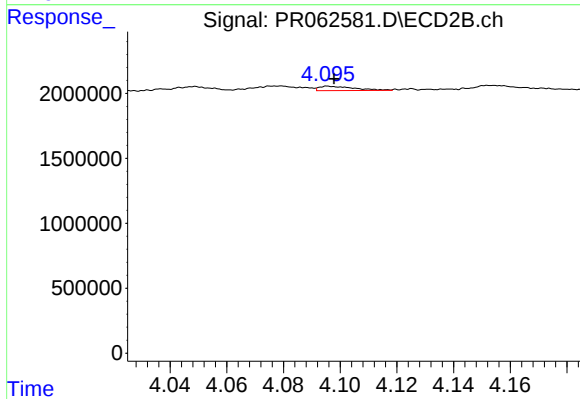
#11 AR-1232-1

R.T.: 3.346 min
Delta R.T.: 0.000 min
Response: 2248651
Conc: 30.02 ng/ml



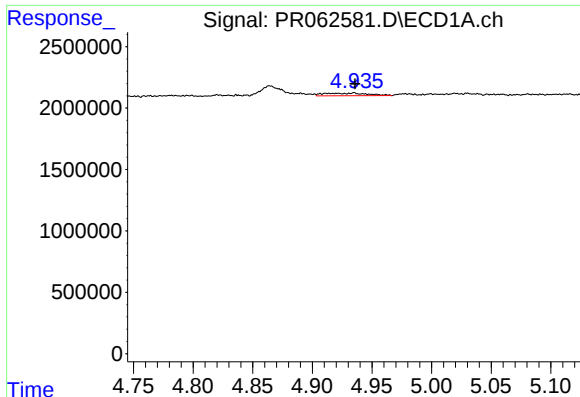
#12 AR-1232-2

R.T.: 4.614 min
Delta R.T.: -0.015 min
Response: 102838
Conc: 4.16 ng/ml



#12 AR-1232-2

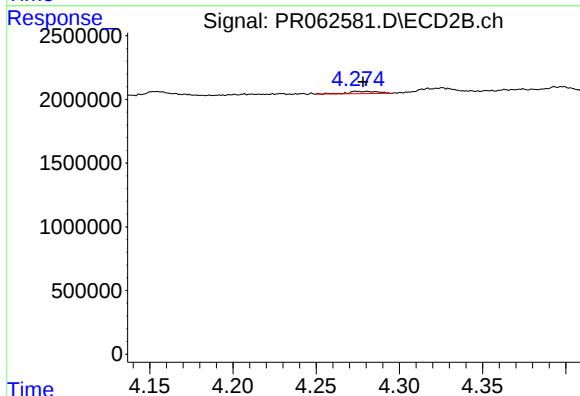
R.T.: 4.096 min
Delta R.T.: -0.002 min
Response: 288777
Conc: 4.19 ng/ml



#13 AR-1232-3

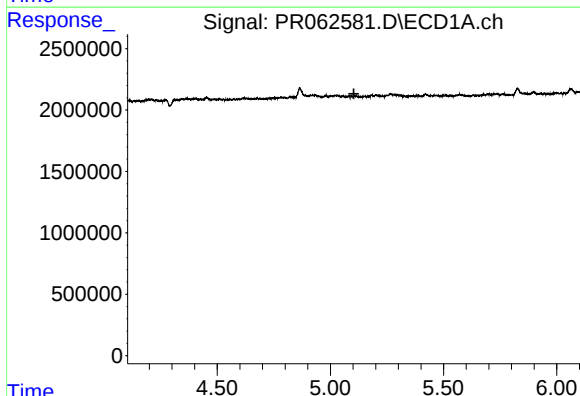
R.T.: 4.935 min
Delta R.T.: 0.000 min
Response: 555044
Conc: 12.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



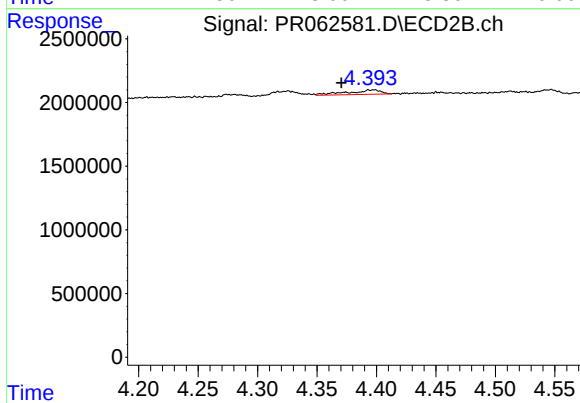
#13 AR-1232-3

R.T.: 4.281 min
Delta R.T.: 0.002 min
Response: 222017
Conc: 5.98 ng/ml



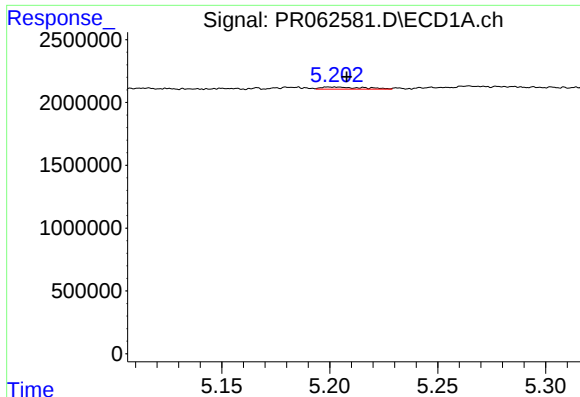
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.104 min
Response: 0
Conc: N.D.



#14 AR-1232-4

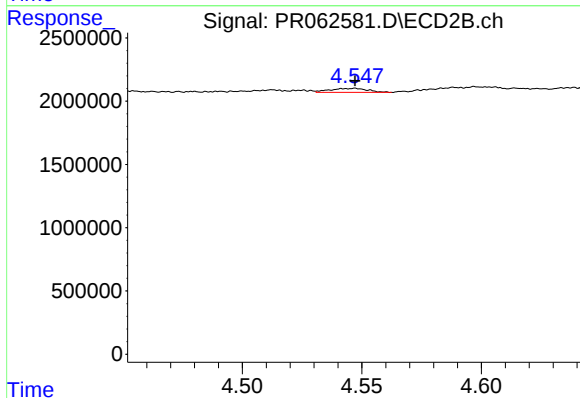
R.T.: 4.398 min
Delta R.T.: 0.028 min
Response: 661076
Conc: 19.52 ng/ml



#15 AR-1232-5

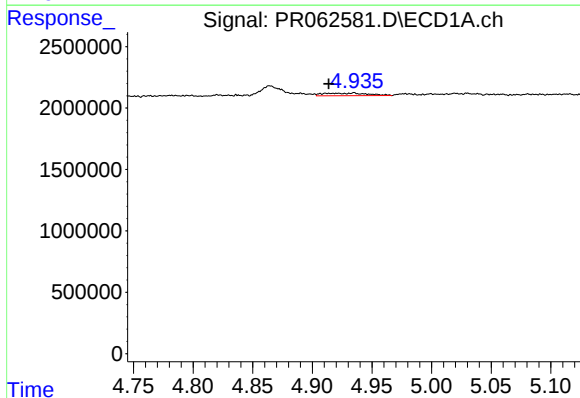
R.T.: 5.200 min
Delta R.T.: -0.007 min
Response: 225530
Conc: 12.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



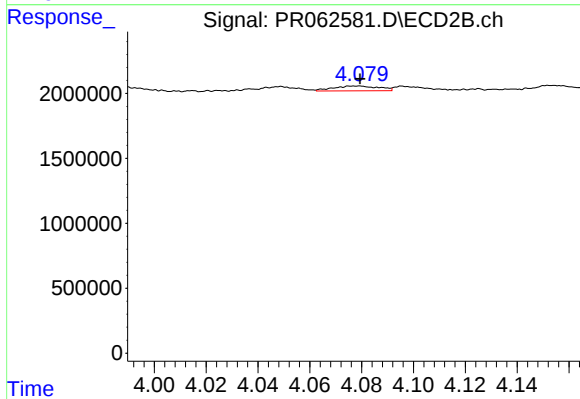
#15 AR-1232-5

R.T.: 4.547 min
Delta R.T.: 0.000 min
Response: 348939
Conc: 8.88 ng/ml



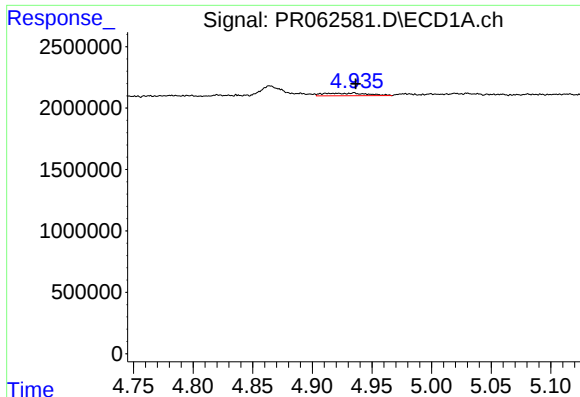
#16 AR-1242-1

R.T.: 4.935 min
Delta R.T.: 0.021 min
Response: 555044
Conc: 9.96 ng/ml



#16 AR-1242-1

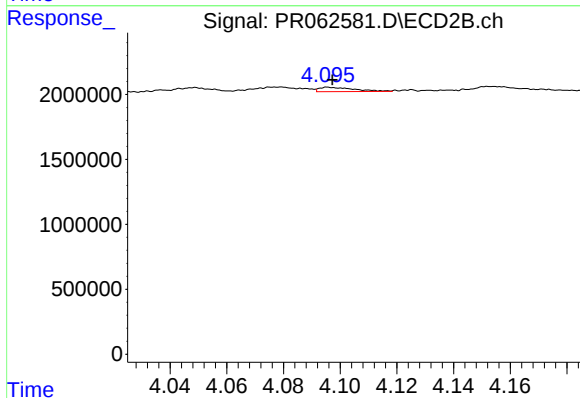
R.T.: 4.078 min
Delta R.T.: -0.002 min
Response: 456332
Conc: 5.07 ng/ml



#17 AR-1242-2

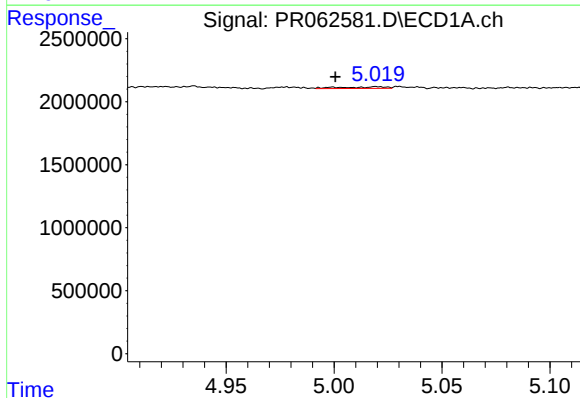
R.T.: 4.935 min
Delta R.T.: -0.001 min
Response: 555044
Conc: 6.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



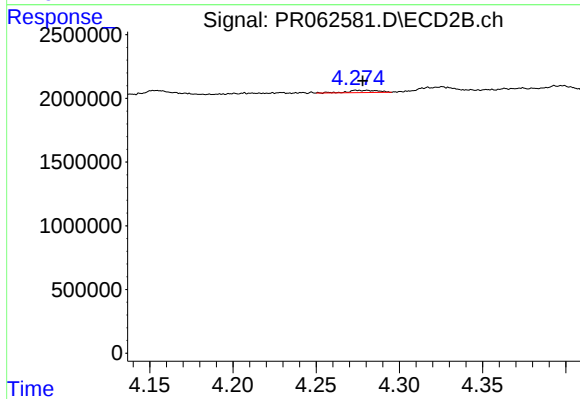
#17 AR-1242-2

R.T.: 4.096 min
Delta R.T.: -0.001 min
Response: 288777
Conc: 2.30 ng/ml



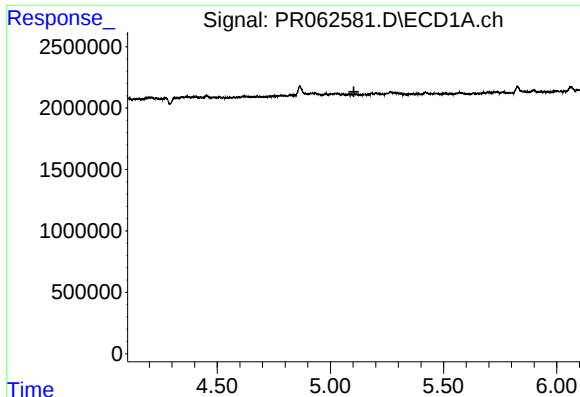
#18 AR-1242-3

R.T.: 5.020 min
Delta R.T.: 0.019 min
Response: 181004
Conc: 3.51 ng/ml



#18 AR-1242-3

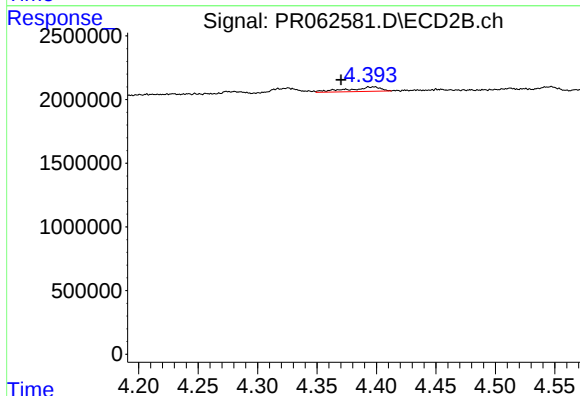
R.T.: 4.281 min
Delta R.T.: 0.003 min
Response: 222017
Conc: 3.21 ng/ml



#19 AR-1242-4

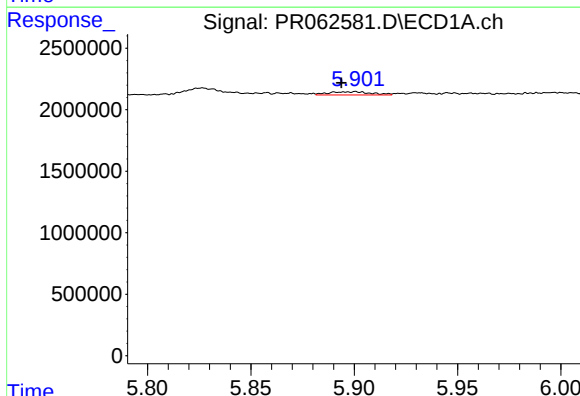
R.T.: 0.000 min
Exp R.T.: 5.104 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



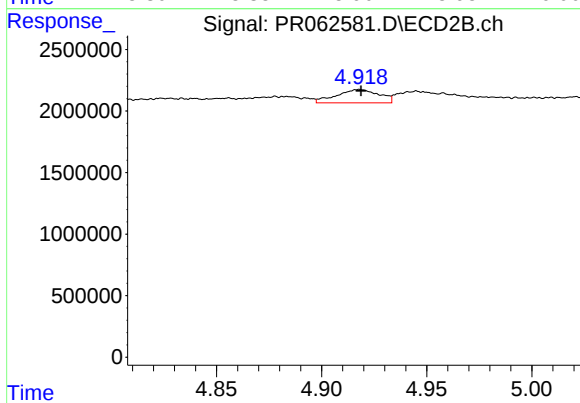
#19 AR-1242-4

R.T.: 4.398 min
Delta R.T.: 0.028 min
Response: 661076
Conc: 9.64 ng/ml



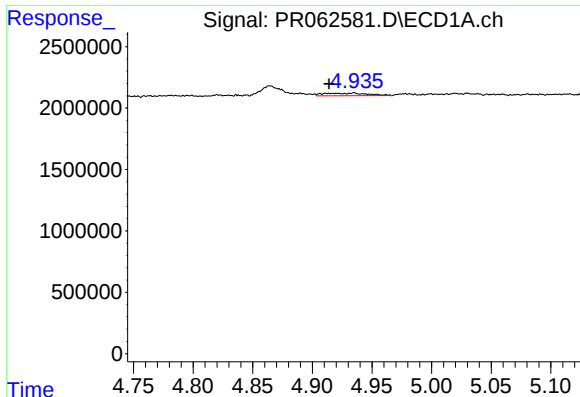
#20 AR-1242-5

R.T.: 5.901 min
Delta R.T.: 0.007 min
Response: 363306
Conc: 8.48 ng/ml



#20 AR-1242-5

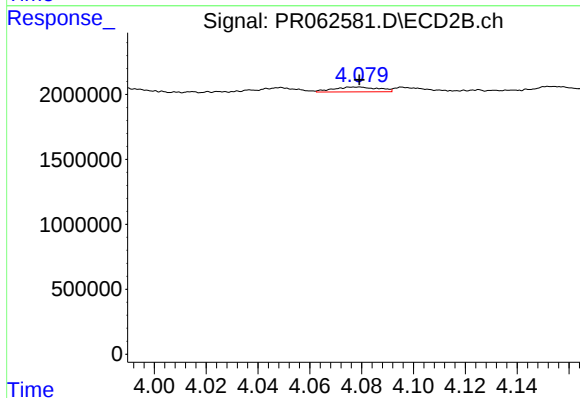
R.T.: 4.918 min
Delta R.T.: 0.000 min
Response: 1533229
Conc: 17.13 ng/ml



#21 AR-1248-1

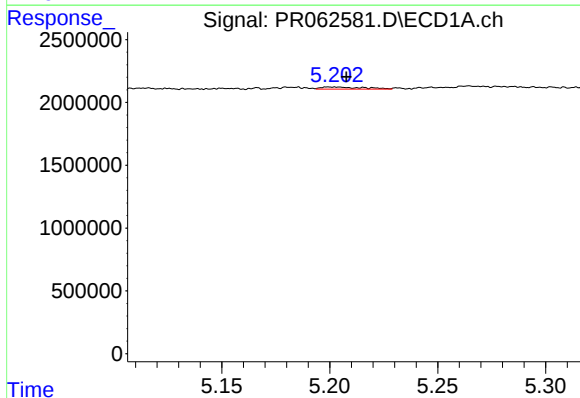
R.T.: 4.935 min
Delta R.T.: 0.021 min
Response: 555044
Conc: 13.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



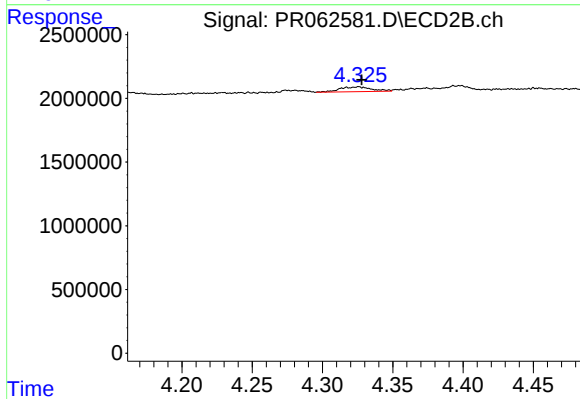
#21 AR-1248-1

R.T.: 4.078 min
Delta R.T.: -0.001 min
Response: 456332
Conc: 6.82 ng/ml



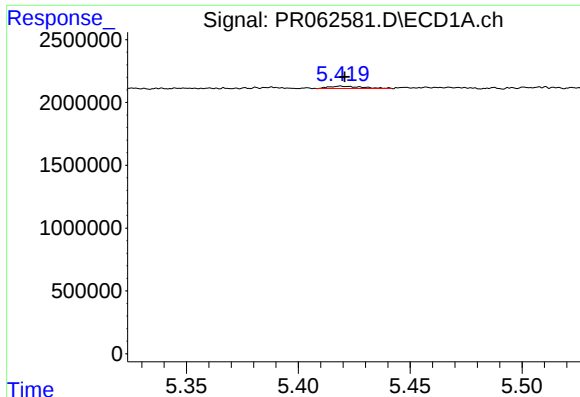
#22 AR-1248-2

R.T.: 5.200 min
Delta R.T.: -0.007 min
Response: 225530
Conc: 3.72 ng/ml



#22 AR-1248-2

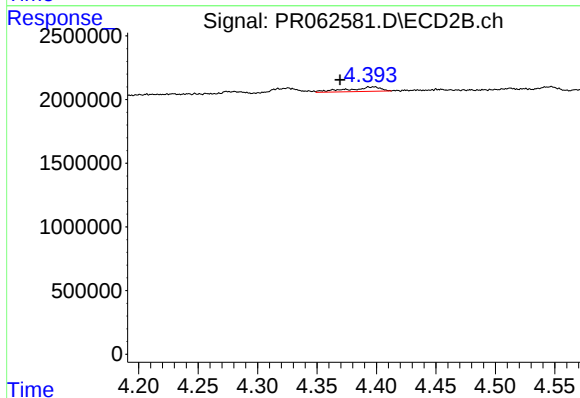
R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 586448
Conc: 6.12 ng/ml



#23 AR-1248-3

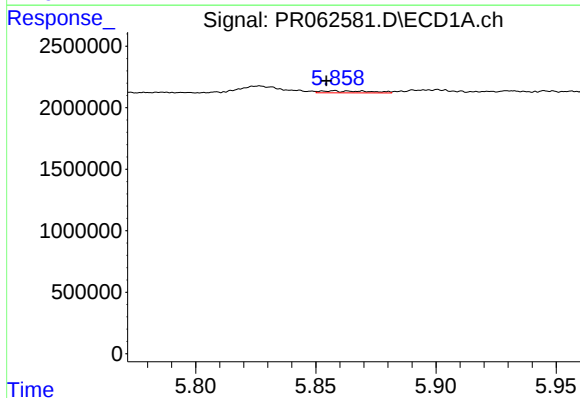
R.T.: 5.419 min
Delta R.T.: -0.002 min
Response: 198210
Conc: 2.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



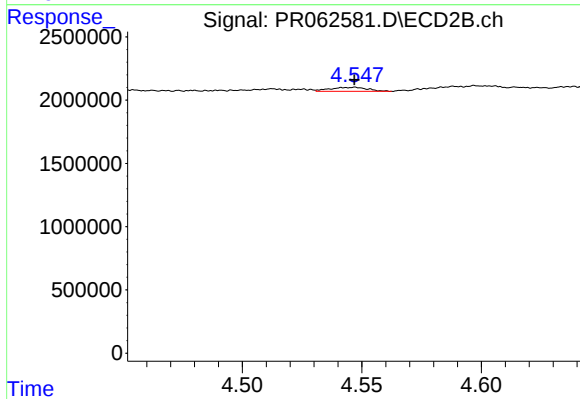
#23 AR-1248-3

R.T.: 4.398 min
Delta R.T.: 0.029 min
Response: 661076
Conc: 6.70 ng/ml



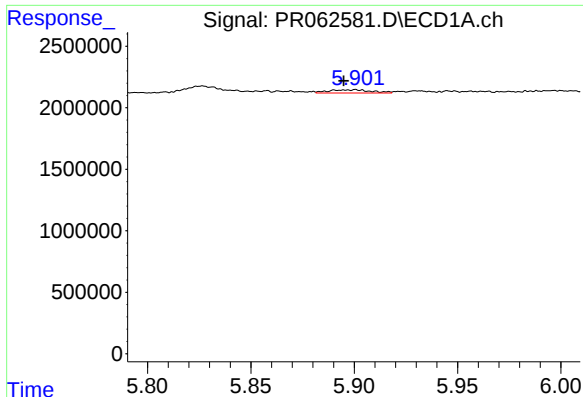
#24 AR-1248-4

R.T.: 5.857 min
Delta R.T.: 0.003 min
Response: 228098
Conc: 3.15 ng/ml



#24 AR-1248-4

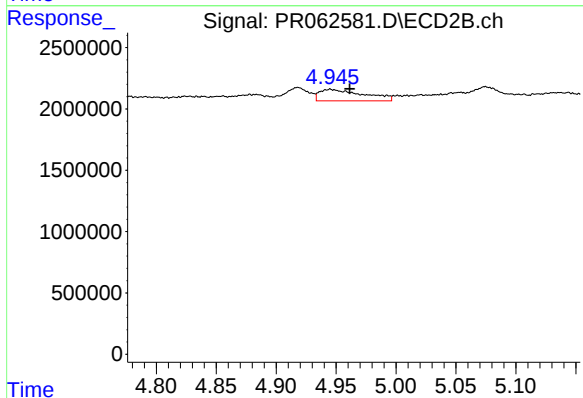
R.T.: 4.547 min
Delta R.T.: 0.000 min
Response: 348939
Conc: 2.94 ng/ml



#25 AR-1248-5

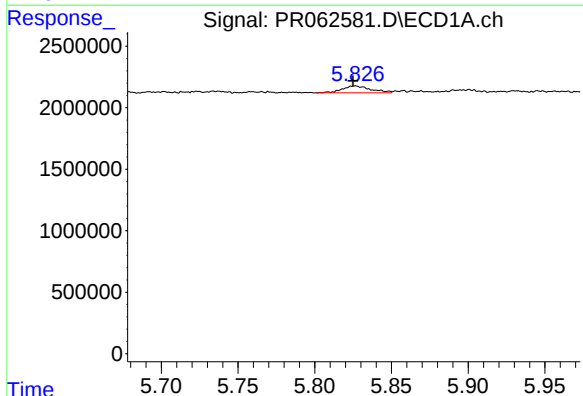
R.T.: 5.901 min
Delta R.T.: 0.006 min
Response: 363306
Conc: 5.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



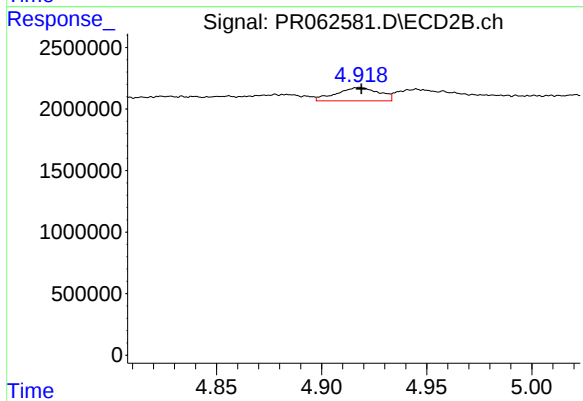
#25 AR-1248-5

R.T.: 4.945 min
Delta R.T.: -0.016 min
Response: 2393006
Conc: 20.02 ng/ml



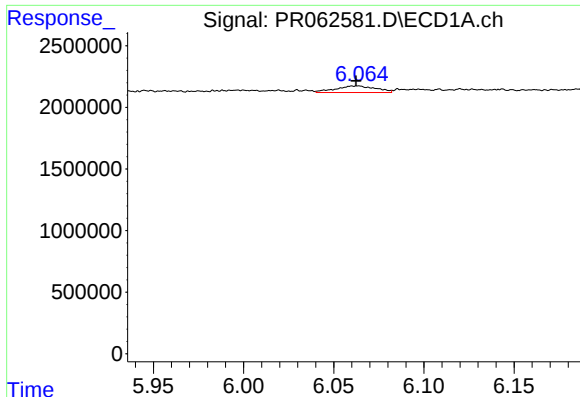
#26 AR-1254-1

R.T.: 5.826 min
Delta R.T.: 0.001 min
Response: 736122
Conc: 9.21 ng/ml



#26 AR-1254-1

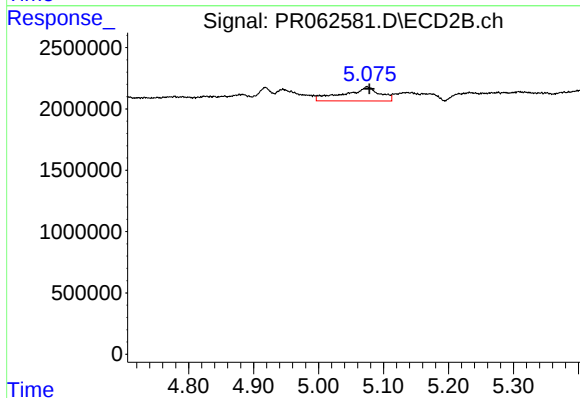
R.T.: 4.918 min
Delta R.T.: 0.000 min
Response: 1533229
Conc: 8.56 ng/ml



#27 AR-1254-2

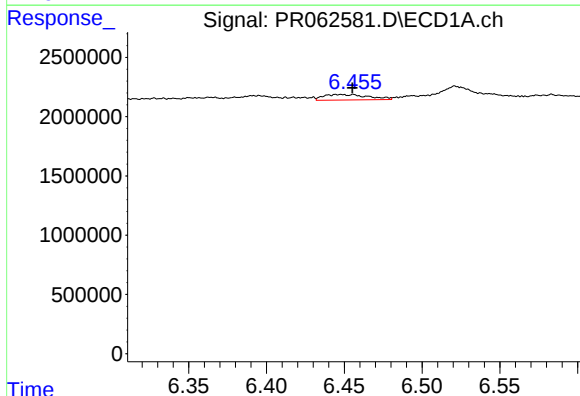
R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 837957
Conc: 7.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



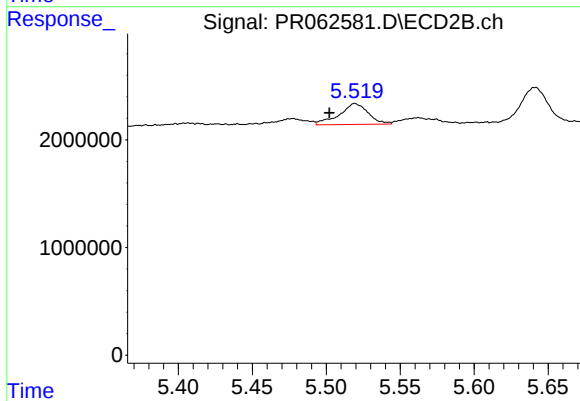
#27 AR-1254-2

R.T.: 5.075 min
Delta R.T.: -0.004 min
Response: 4357203
Conc: 27.86 ng/ml



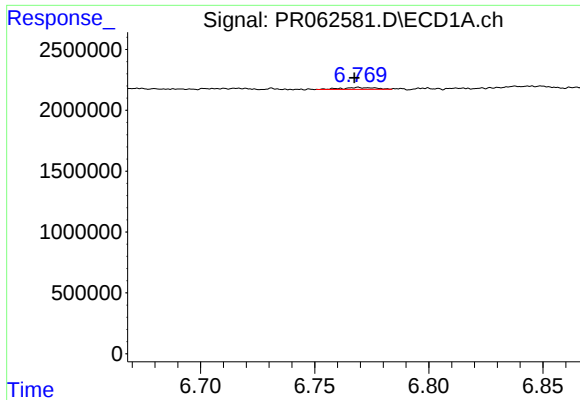
#28 AR-1254-3

R.T.: 6.456 min
Delta R.T.: 0.000 min
Response: 935024
Conc: 7.90 ng/ml



#28 AR-1254-3

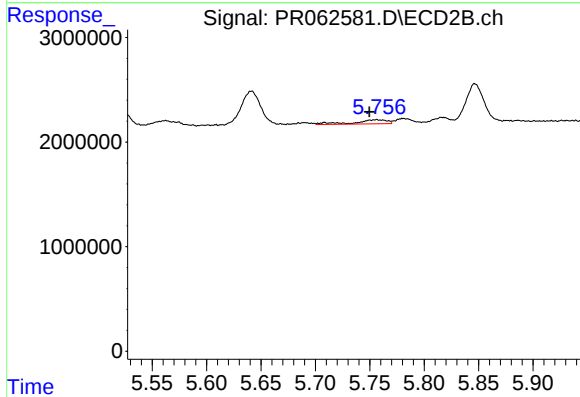
R.T.: 5.519 min
Delta R.T.: 0.017 min
Response: 2646199
Conc: 10.19 ng/ml



#29 AR-1254-4

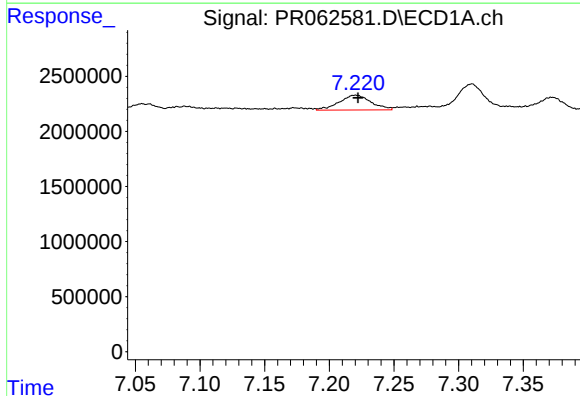
R.T.: 6.769 min
Delta R.T.: 0.002 min
Response: 162651
Conc: 1.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



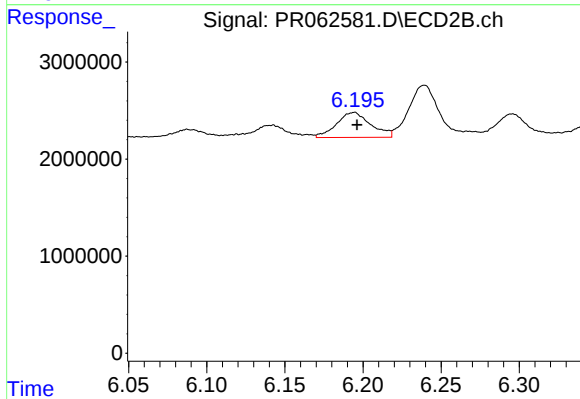
#29 AR-1254-4

R.T.: 5.756 min
Delta R.T.: 0.007 min
Response: 816019
Conc: 4.87 ng/ml



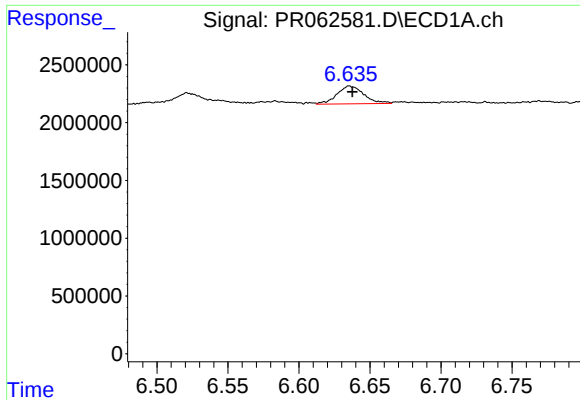
#30 AR-1254-5

R.T.: 7.220 min
Delta R.T.: -0.002 min
Response: 2301224
Conc: 25.60 ng/ml



#30 AR-1254-5

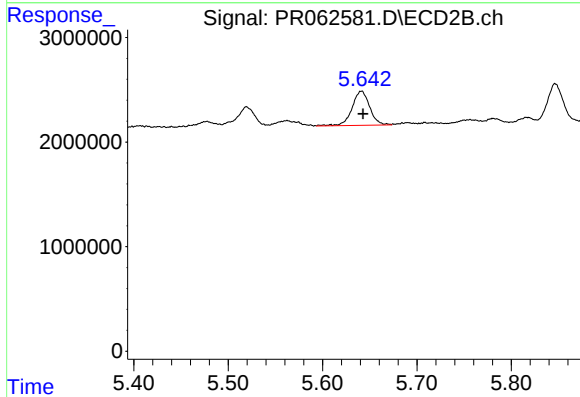
R.T.: 6.194 min
Delta R.T.: -0.002 min
Response: 3922139
Conc: 15.77 ng/ml



#31 AR-1260-1

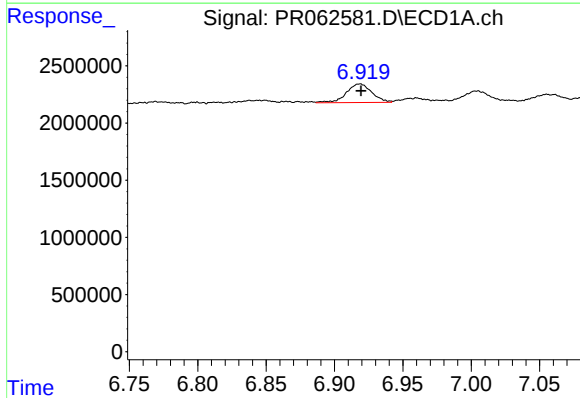
R.T.: 6.636 min
Delta R.T.: -0.002 min
Response: 2036282
Conc: 19.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



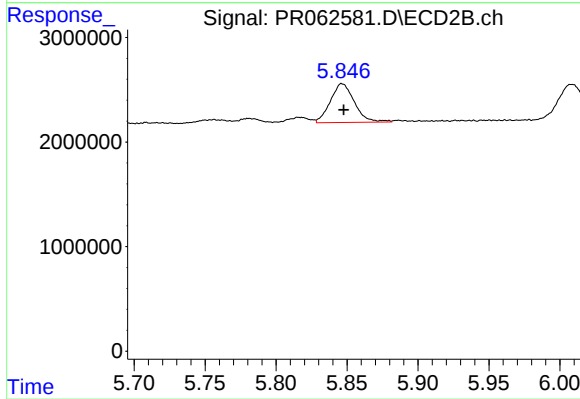
#31 AR-1260-1

R.T.: 5.641 min
Delta R.T.: -0.002 min
Response: 4282252
Conc: 22.01 ng/ml



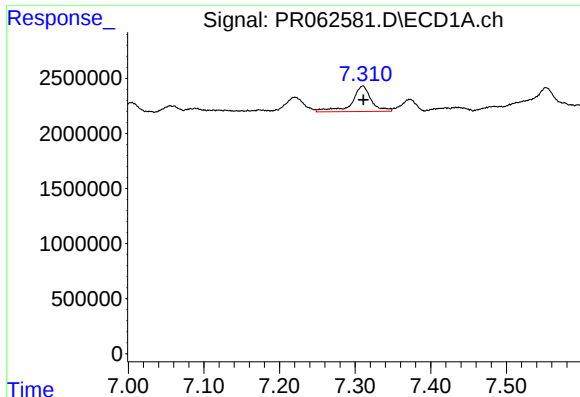
#32 AR-1260-2

R.T.: 6.918 min
Delta R.T.: 0.000 min
Response: 2114645
Conc: 19.28 ng/ml



#32 AR-1260-2

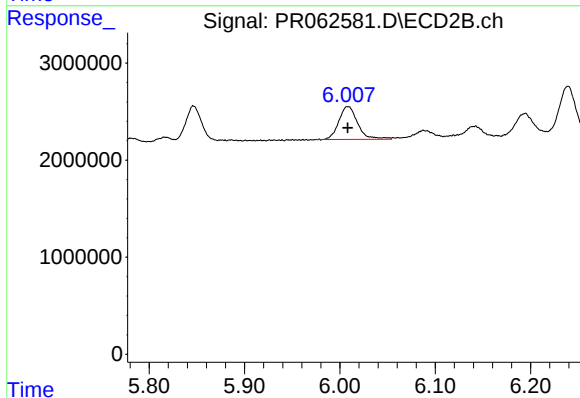
R.T.: 5.847 min
Delta R.T.: 0.000 min
Response: 4380125
Conc: 18.42 ng/ml



#33 AR-1260-3

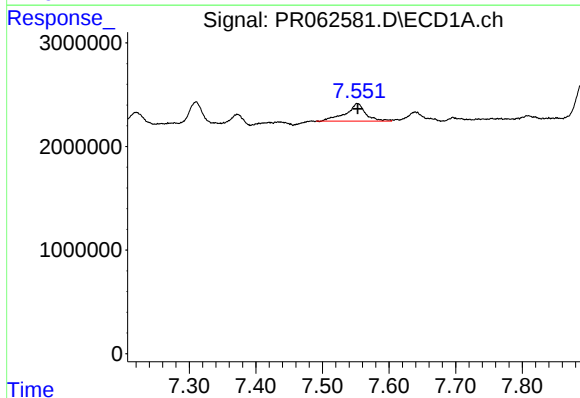
R.T.: 7.310 min
Delta R.T.: 0.000 min
Response: 4116930
Conc: 50.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



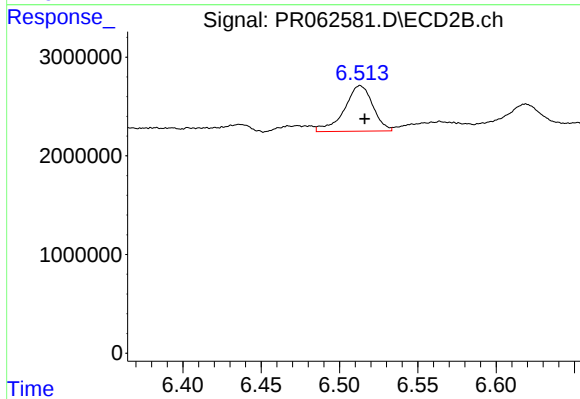
#33 AR-1260-3

R.T.: 6.008 min
Delta R.T.: 0.000 min
Response: 4666225
Conc: 20.69 ng/ml



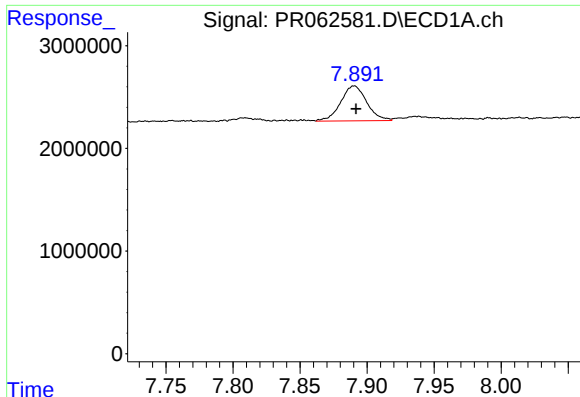
#34 AR-1260-4

R.T.: 7.553 min
Delta R.T.: 0.000 min
Response: 3592509
Conc: 39.95 ng/ml



#34 AR-1260-4

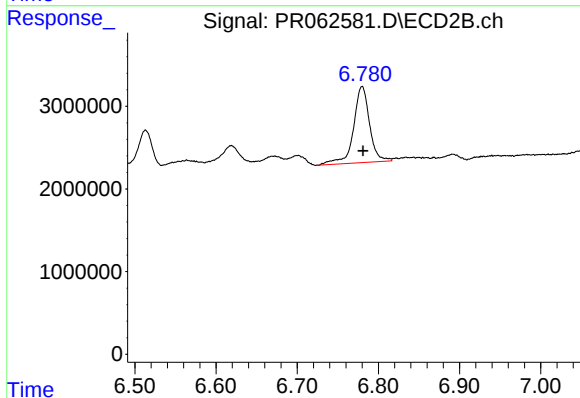
R.T.: 6.513 min
Delta R.T.: -0.003 min
Response: 5873601
Conc: 29.65 ng/ml



#35 AR-1260-5

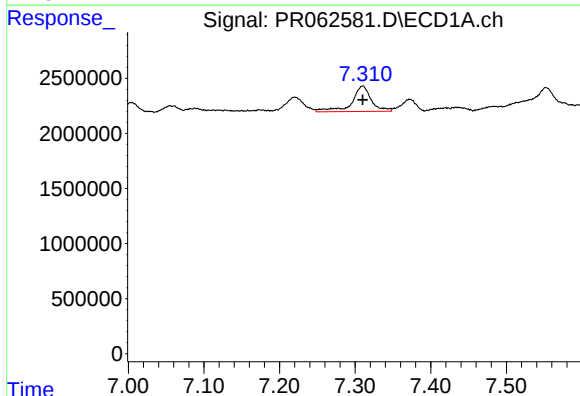
R.T.: 7.890 min
Delta R.T.: -0.001 min
Response: 4619803
Conc: 28.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



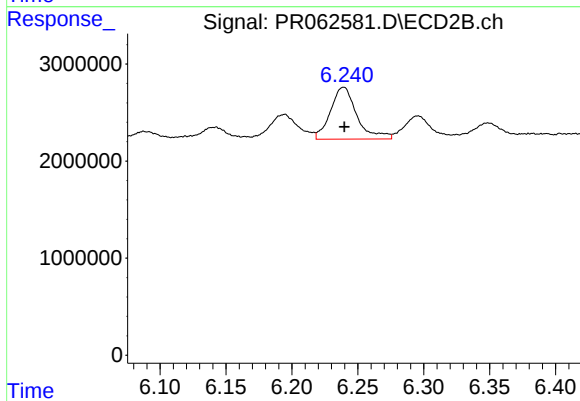
#35 AR-1260-5

R.T.: 6.780 min
Delta R.T.: -0.001 min
Response: 12627341
Conc: 27.25 ng/ml



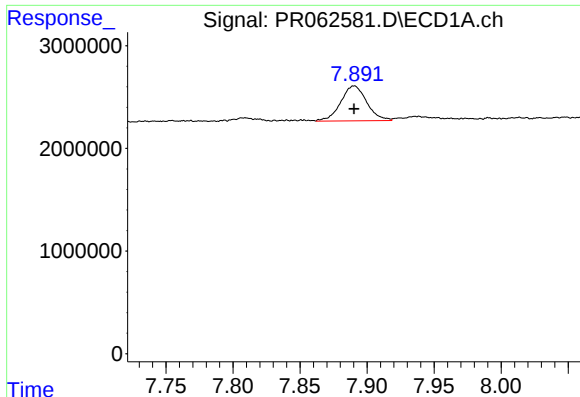
#36 AR-1262-1

R.T.: 7.310 min
Delta R.T.: 0.000 min
Response: 4116930
Conc: 35.86 ng/ml



#36 AR-1262-1

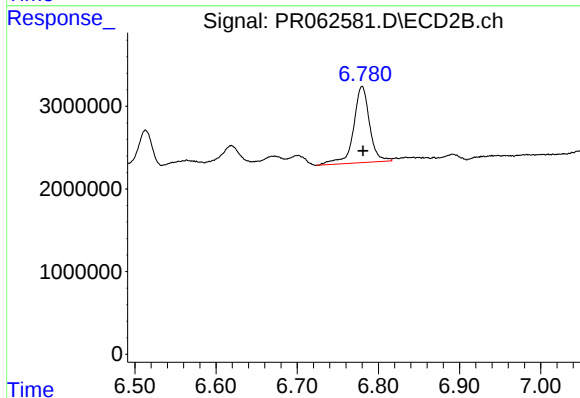
R.T.: 6.239 min
Delta R.T.: 0.000 min
Response: 7451556
Conc: 28.62 ng/ml



#37 AR-1262-2

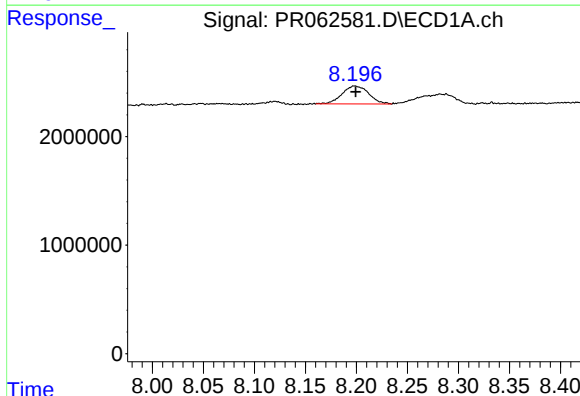
R.T.: 7.890 min
Delta R.T.: 0.000 min
Response: 4619803
Conc: 25.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



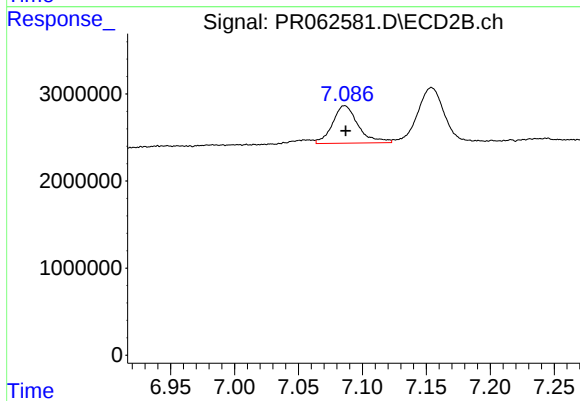
#37 AR-1262-2

R.T.: 6.780 min
Delta R.T.: -0.001 min
Response: 12627341
Conc: 25.98 ng/ml



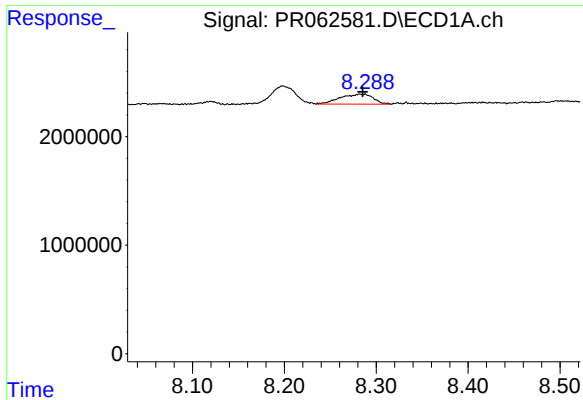
#38 AR-1262-3

R.T.: 8.198 min
Delta R.T.: 0.000 min
Response: 2980310
Conc: 23.49 ng/ml



#38 AR-1262-3

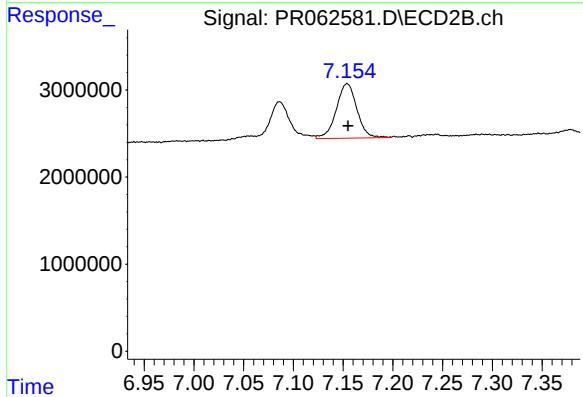
R.T.: 7.086 min
Delta R.T.: -0.001 min
Response: 6011506
Conc: 30.25 ng/ml



#39 AR-1262-4

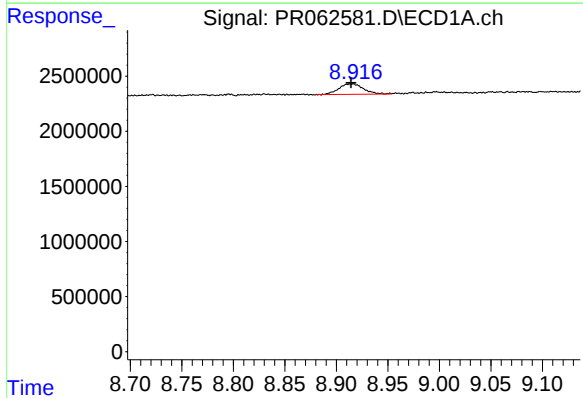
R.T.: 8.282 min
Delta R.T.: -0.003 min
Response: 2299683
Conc: 22.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



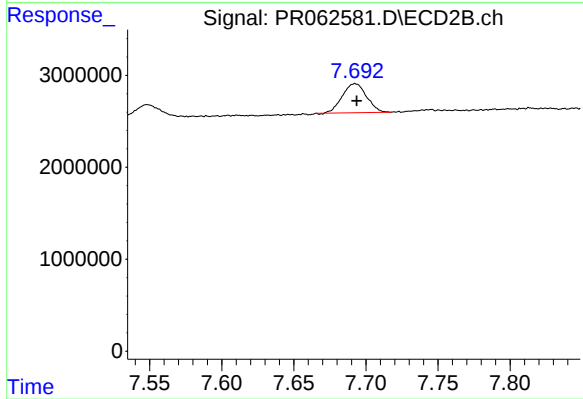
#39 AR-1262-4

R.T.: 7.154 min
Delta R.T.: -0.001 min
Response: 9031799
Conc: 24.26 ng/ml



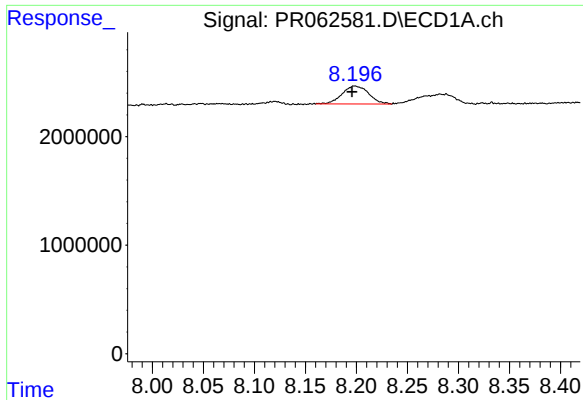
#40 AR-1262-5

R.T.: 8.915 min
Delta R.T.: 0.000 min
Response: 1603479
Conc: 24.89 ng/ml



#40 AR-1262-5

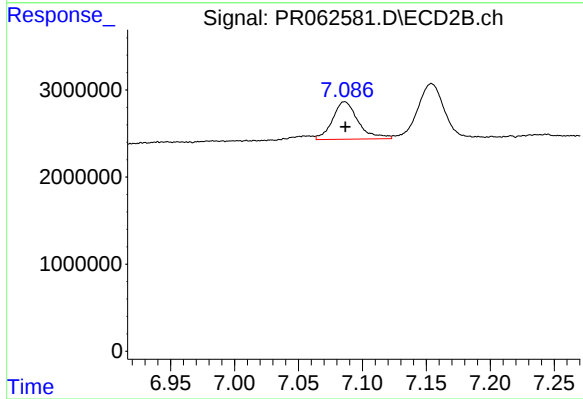
R.T.: 7.692 min
Delta R.T.: -0.001 min
Response: 3691199
Conc: 20.82 ng/ml



#41 AR-1268-1

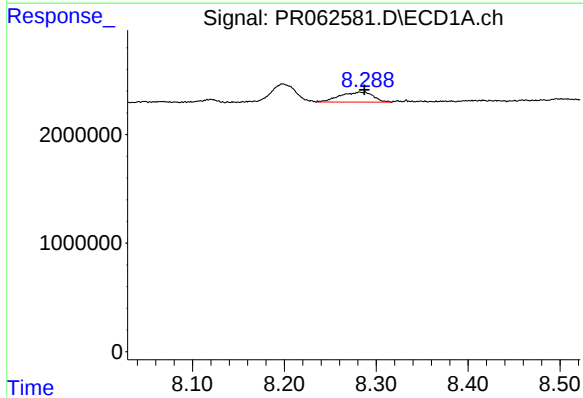
R.T.: 8.198 min
Delta R.T.: 0.003 min
Response: 2980310
Conc: 13.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



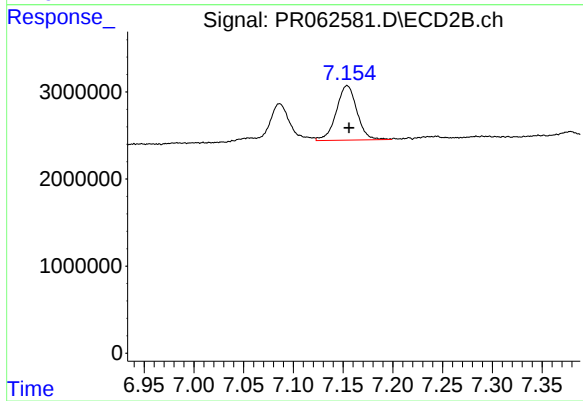
#41 AR-1268-1

R.T.: 7.086 min
Delta R.T.: 0.000 min
Response: 6011506
Conc: 10.32 ng/ml



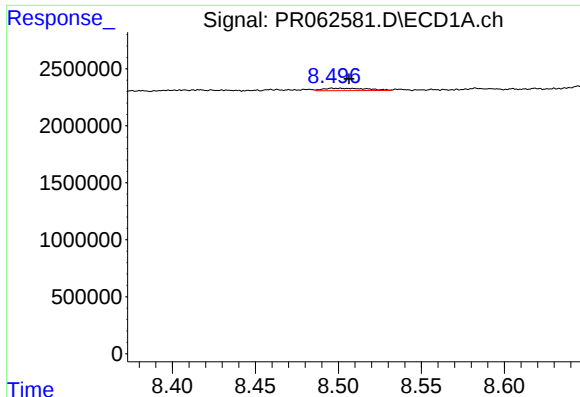
#42 AR-1268-2

R.T.: 8.282 min
Delta R.T.: -0.005 min
Response: 2299683
Conc: 11.36 ng/ml



#42 AR-1268-2

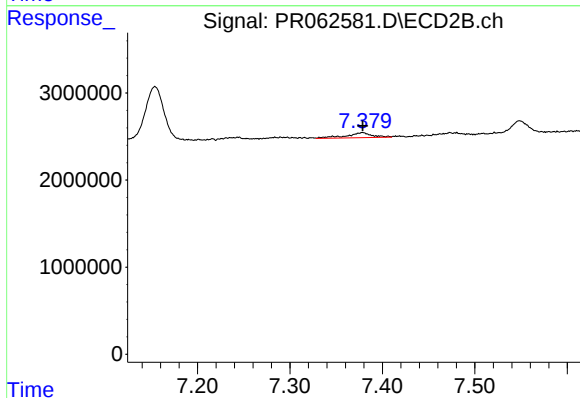
R.T.: 7.154 min
Delta R.T.: -0.002 min
Response: 9031799
Conc: 16.77 ng/ml



#43 AR-1268-3

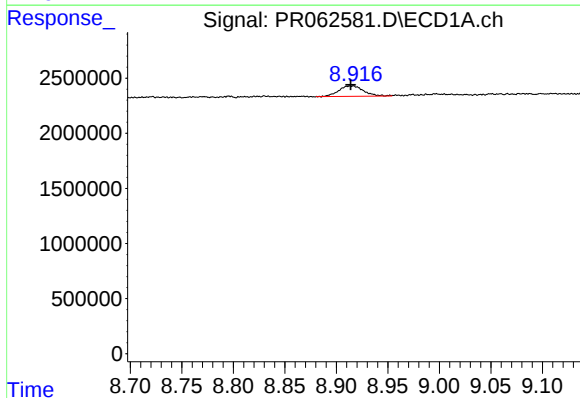
R.T.: 8.501 min
Delta R.T.: -0.005 min
Response: 380544
Conc: 2.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



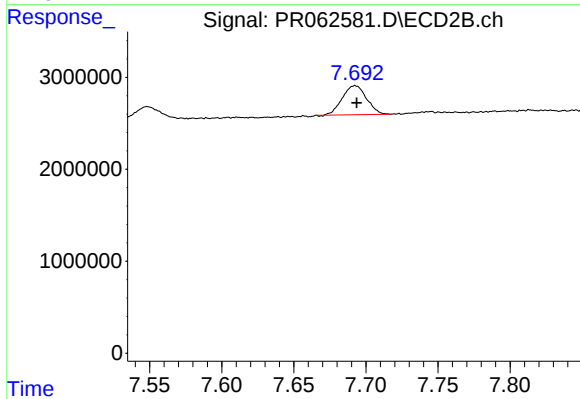
#43 AR-1268-3

R.T.: 7.379 min
Delta R.T.: 0.000 min
Response: 1139612
Conc: 2.42 ng/ml



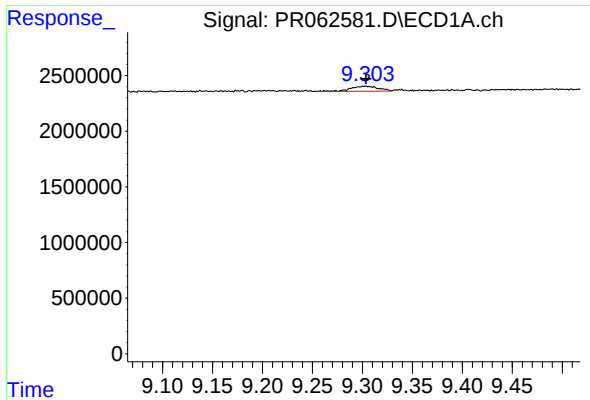
#44 AR-1268-4

R.T.: 8.915 min
Delta R.T.: 0.001 min
Response: 1603479
Conc: 23.16 ng/ml



#44 AR-1268-4

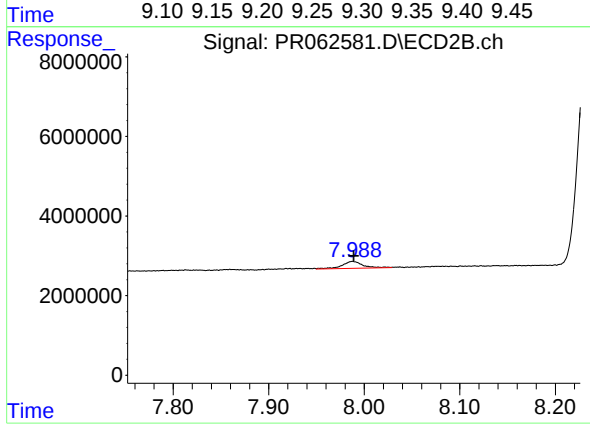
R.T.: 7.692 min
Delta R.T.: -0.001 min
Response: 3691199
Conc: 18.68 ng/ml



#45 AR-1268-5

R.T.: 9.303 min
Delta R.T.: 0.000 min
Response: 865978
Conc: 1.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.988 min
Delta R.T.: -0.001 min
Response: 2606734
Conc: 1.74 ng/ml