

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR103123\
 Data File : PR064313.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2023 09:20
 Operator : AJ\MA
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 23:14:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101223CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 13 05:04:13 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...	3.738	3.020	153.8E6	79976711	21.480	19.377
2)	SA Decachlor...	9.758	8.412	200.1E6	127.4E6	42.837	41.972
Target Compounds							
3)	L1 AR-1016-1	4.980	4.169	76294688	47264178	354.675	325.132
4)	L1 AR-1016-2	5.003	4.188	110.0E6	65010368	335.649	325.206
5)	L1 AR-1016-3	5.069	4.372	72373966	36168570	349.855	328.086
6)	L1 AR-1016-4	5.172	4.423	55862985	28943399	342.961	334.459
7)	L1 AR-1016-5	5.491	4.645	59344108	35278684	365.071	308.793
8)	L2 AR-1221-1	3.961	3.251	9169480	5321033	112.244	98.286
9)	L2 AR-1221-2	4.054	3.339	10816329	7116605	198.973	183.776
10)	L2 AR-1221-3	4.134	3.419	43142716	27676695	240.385	220.692
11)	L3 AR-1232-1	4.134	3.419	43142716	27676695	290.198	264.319
12)	L3 AR-1232-2	4.691	4.188	62513496	65010368	766.943	696.595
13)	L3 AR-1232-3	5.003	4.372	110.0E6	36168570	734.745	714.675
14)	L3 AR-1232-4	5.172	4.466	55862985	25157980	765.775	550.937 #
15)	L3 AR-1232-5	5.276	4.645	45214488	35278684	827.110	699.782
16)	L4 AR-1242-1	4.980	4.169	76294688	47264178	422.483	384.463
17)	L4 AR-1242-2	5.003	4.188	110.0E6	65010368	400.780	386.423
18)	L4 AR-1242-3	5.069	4.372	72373966	36168570	411.576	388.817
19)	L4 AR-1242-4	5.172	4.466	55862985	25157980	408.681	276.806 #
20)	L4 AR-1242-5	5.968	5.026	72289926	56576027	488.245	510.400
21)	L5 AR-1248-1	4.980	4.169	76294688	47264178	553.130	501.012
22)	L5 AR-1248-2	5.276	4.423	45214488	28943399	230.897	222.297
23)	L5 AR-1248-3	5.491	4.466	59344108	25157980	257.741	186.610 #
24)	L5 AR-1248-4	5.928	4.645	27841564	35278684	112.460	219.331 #
25)	L5 AR-1248-5	5.968	5.068	72289926	58160817	288.464	384.635 #
26)	L6 AR-1254-1	5.898	5.026	59235554	56576027	236.260	245.314
27)	L6 AR-1254-2	6.137	5.188	57203636	34718890	150.382	175.338
28)	L6 AR-1254-3	6.532	5.620	30966341	32585885	79.476	104.090 #
29)	L6 AR-1254-4	6.852	5.871	8089380	15144830	30.245	80.597 #
30)	L6 AR-1254-5	7.306	6.326	6227207	4084928	21.180	14.971 #
31)	L7 AR-1260-1	6.716	5.773	3863376	12994191	12.999	57.873 #
32)	L7 AR-1260-2	7.000	5.971	4467174	1760896	12.917	6.677 #
33)	L7 AR-1260-3	7.371	6.133	695753	2582284	2.708	10.212 #
34)	L7 AR-1260-4	7.646	6.647	190992	347301	0.676	1.760 #
35)	L7 AR-1260-5	7.980	6.915	788692	931286	1.461	2.193 #
36)	L8 AR-1262-1	7.371	6.397	695753	557719	1.848	1.916
37)	L8 AR-1262-2	7.980	6.915	788692	931286	1.281	1.995 #
38)	L8 AR-1262-3	8.289	7.218	169839	5048232	0.405	27.646 #
39)	L8 AR-1262-4	8.316f	7.295	171617	1125552	0.533	3.342 #
40)	L8 AR-1262-5	0.000	7.891f	0	215304	N.D.	1.473 #
41)	L9 AR-1268-1	8.289	7.218	169839	5048232	0.232	9.704 #

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.316f	7.295	171617	1125552	0.259	2.384 #
43) L9	AR-1268-3	8.607	7.528	1479776	364557	2.569	0.913 #
44) L9	AR-1268-4	0.000	7.891f	0	215304	N.D.	1.323 #
45) L9	AR-1268-5	9.430	8.149	1353508	1096470	0.761	0.937

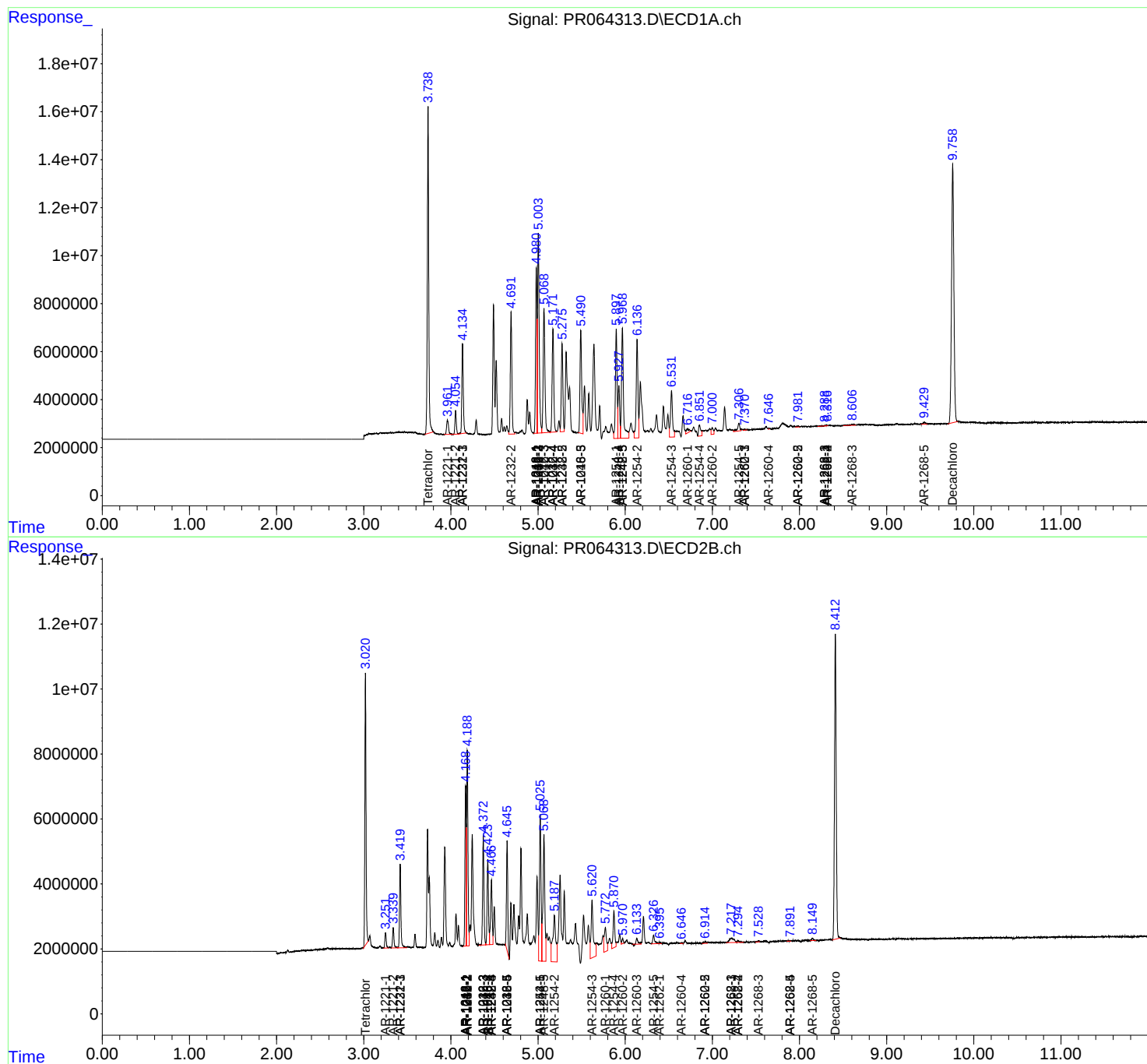
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

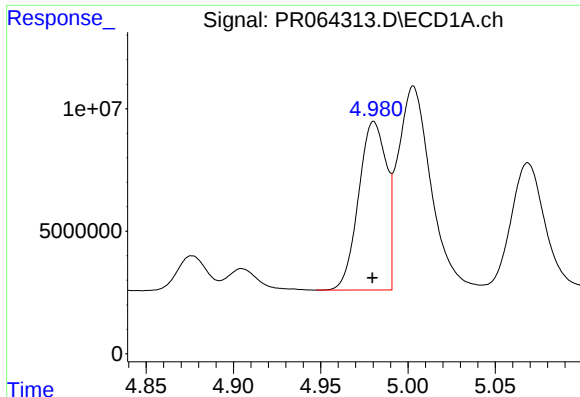
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR103123\
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

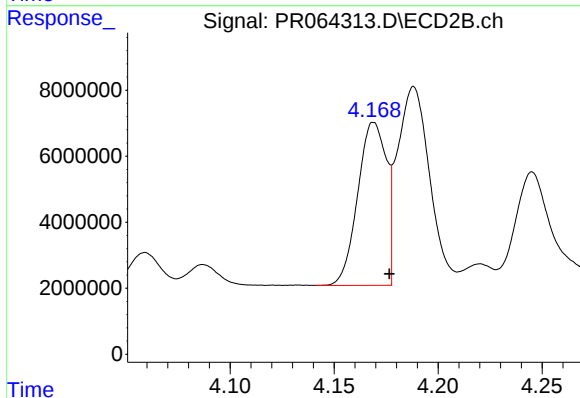




#3 AR-1016-1

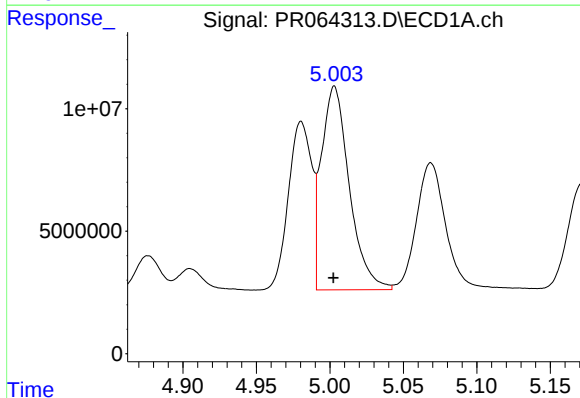
R.T.: 4.980 min
Delta R.T.: 0.000 min
Response: 76294688
Conc: 354.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



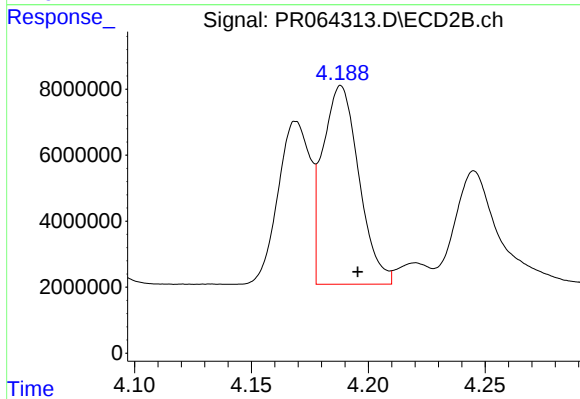
#3 AR-1016-1

R.T.: 4.169 min
Delta R.T.: -0.007 min
Response: 47264178
Conc: 325.13 ng/ml



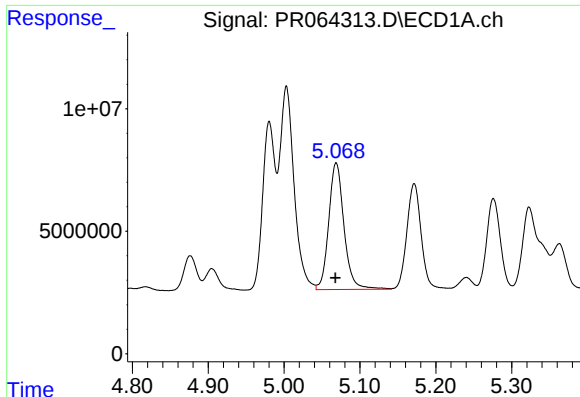
#4 AR-1016-2

R.T.: 5.003 min
Delta R.T.: 0.000 min
Response: 109980064
Conc: 335.65 ng/ml



#4 AR-1016-2

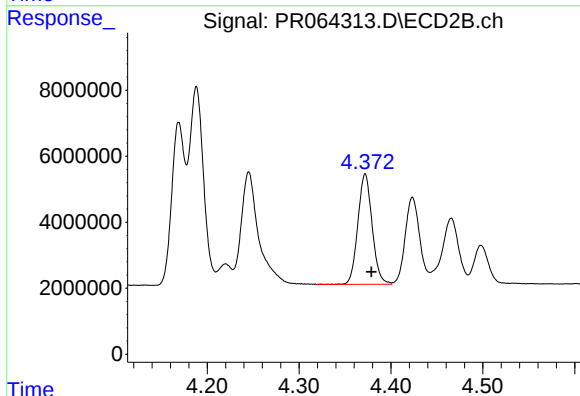
R.T.: 4.188 min
Delta R.T.: -0.007 min
Response: 65010368
Conc: 325.21 ng/ml



#5 AR-1016-3

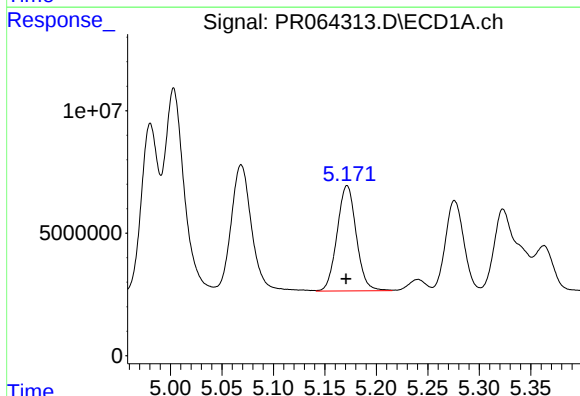
R.T.: 5.069 min
Delta R.T.: 0.001 min
Response: 72373966
Conc: 349.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



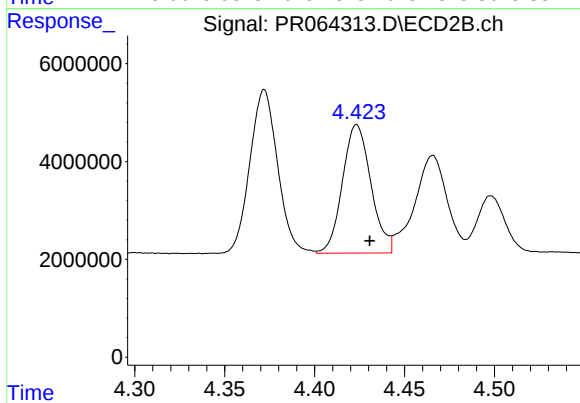
#5 AR-1016-3

R.T.: 4.372 min
Delta R.T.: -0.007 min
Response: 36168570
Conc: 328.09 ng/ml



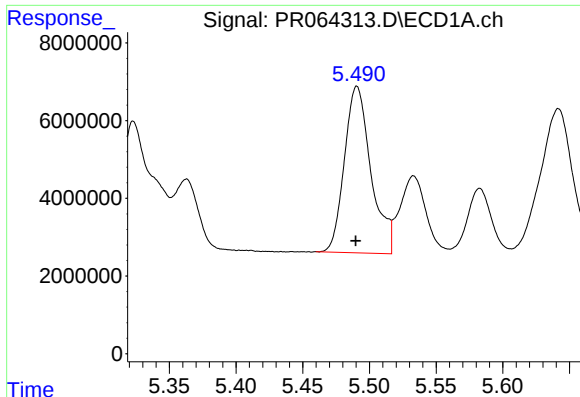
#6 AR-1016-4

R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 55862985
Conc: 342.96 ng/ml



#6 AR-1016-4

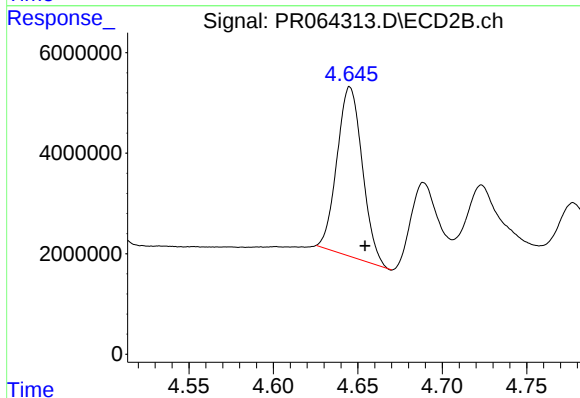
R.T.: 4.423 min
Delta R.T.: -0.007 min
Response: 28943399
Conc: 334.46 ng/ml



#7 AR-1016-5

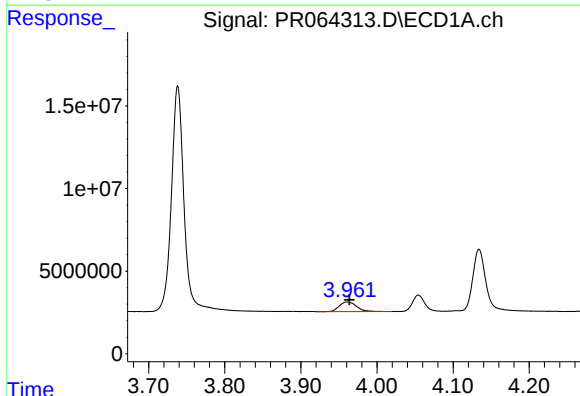
R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 59344108
Conc: 365.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



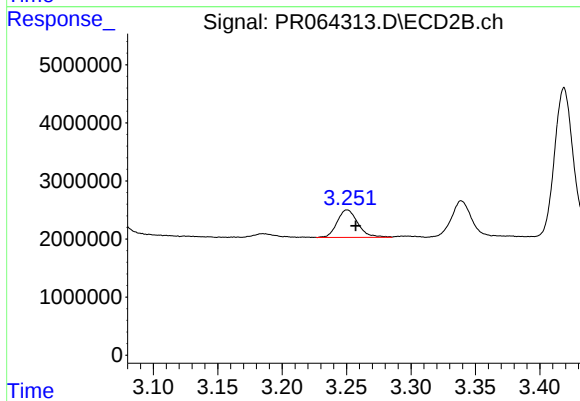
#7 AR-1016-5

R.T.: 4.645 min
Delta R.T.: -0.009 min
Response: 35278684
Conc: 308.79 ng/ml



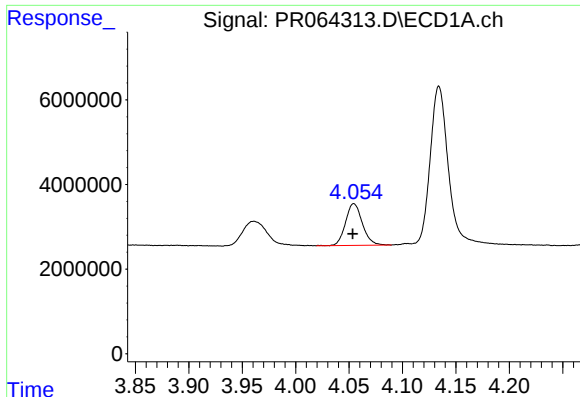
#8 AR-1221-1

R.T.: 3.961 min
Delta R.T.: -0.003 min
Response: 9169480
Conc: 112.24 ng/ml



#8 AR-1221-1

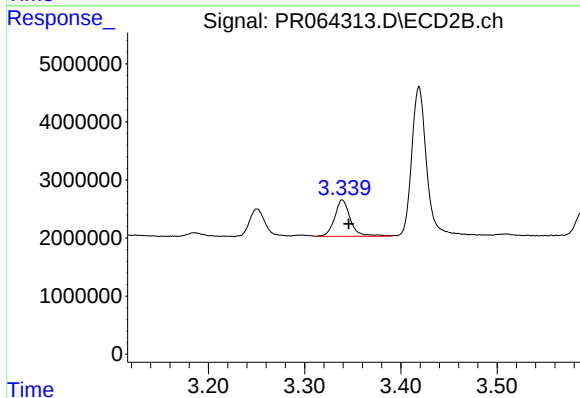
R.T.: 3.251 min
Delta R.T.: -0.007 min
Response: 5321033
Conc: 98.29 ng/ml



#9 AR-1221-2

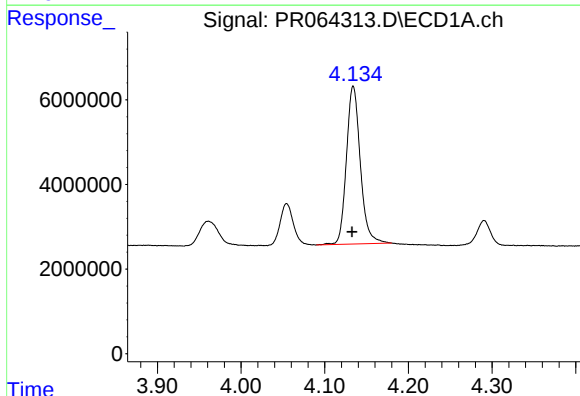
R.T.: 4.054 min
Delta R.T.: 0.001 min
Response: 10816329
Conc: 198.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



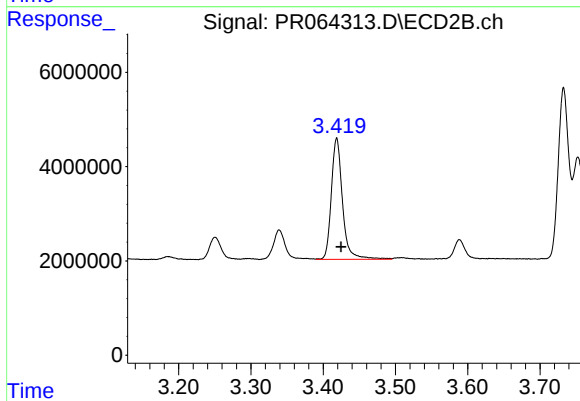
#9 AR-1221-2

R.T.: 3.339 min
Delta R.T.: -0.007 min
Response: 7116605
Conc: 183.78 ng/ml



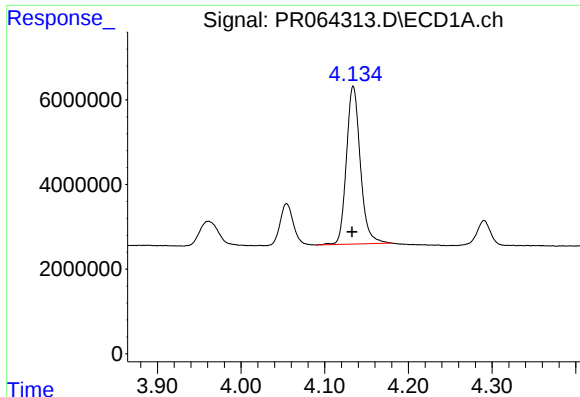
#10 AR-1221-3

R.T.: 4.134 min
Delta R.T.: 0.002 min
Response: 43142716
Conc: 240.39 ng/ml



#10 AR-1221-3

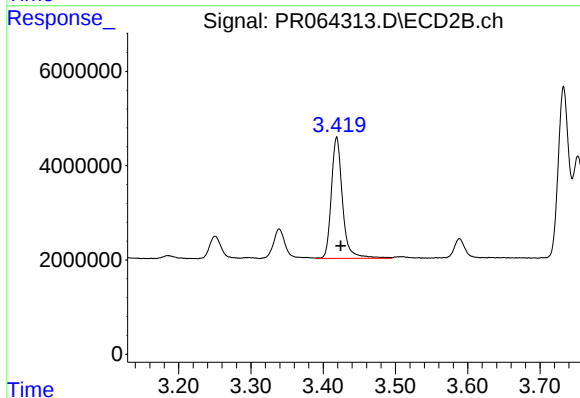
R.T.: 3.419 min
Delta R.T.: -0.006 min
Response: 27676695
Conc: 220.69 ng/ml



#11 AR-1232-1

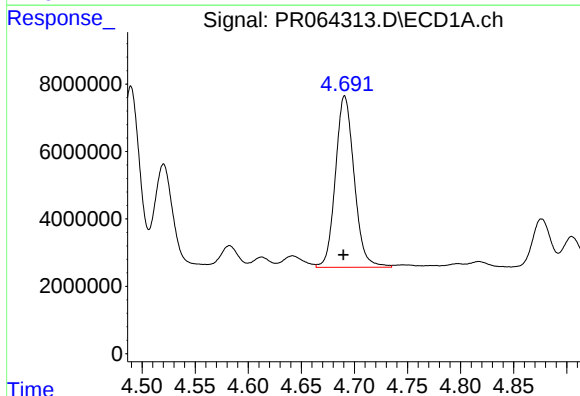
R.T.: 4.134 min
Delta R.T.: 0.001 min
Response: 43142716
Conc: 290.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



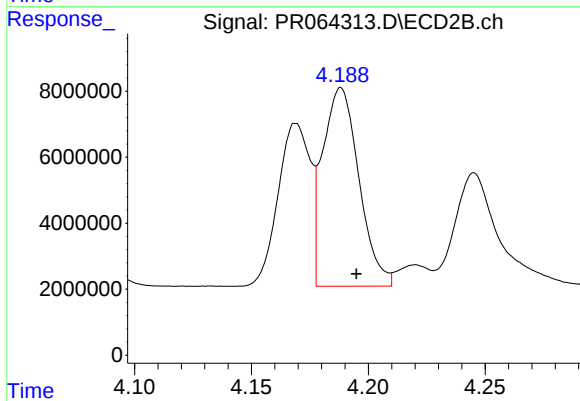
#11 AR-1232-1

R.T.: 3.419 min
Delta R.T.: -0.006 min
Response: 27676695
Conc: 264.32 ng/ml



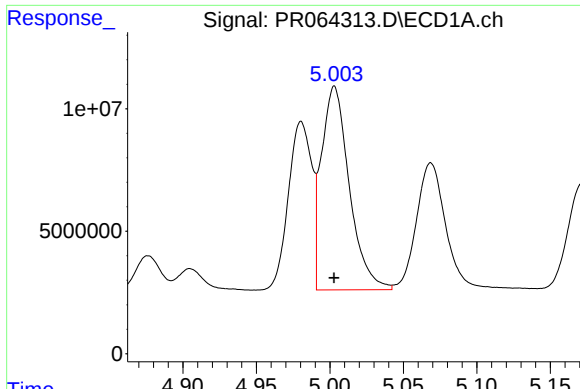
#12 AR-1232-2

R.T.: 4.691 min
Delta R.T.: 0.001 min
Response: 62513496
Conc: 766.94 ng/ml



#12 AR-1232-2

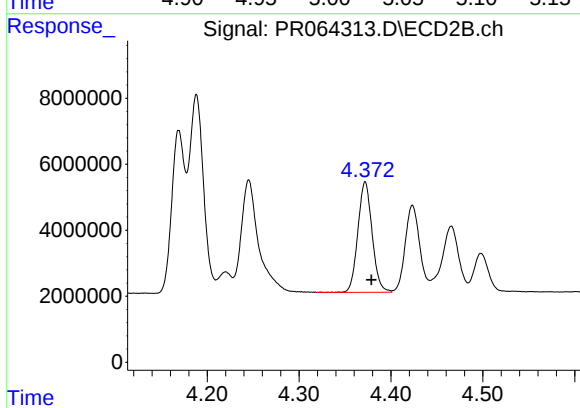
R.T.: 4.188 min
Delta R.T.: -0.007 min
Response: 65010368
Conc: 696.60 ng/ml



#13 AR-1232-3

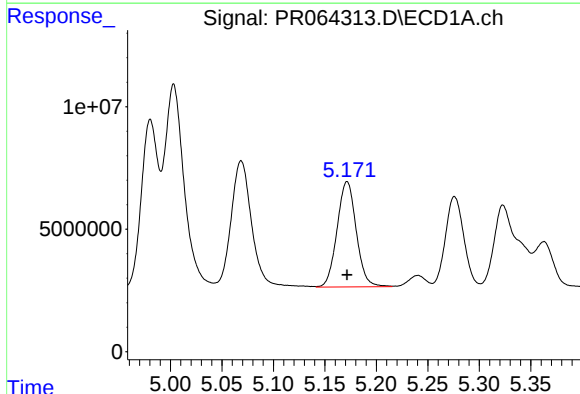
R.T.: 5.003 min
Delta R.T.: 0.000 min
Response: 109980064
Conc: 734.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



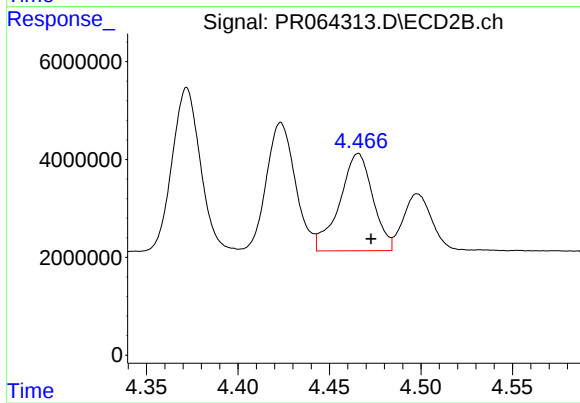
#13 AR-1232-3

R.T.: 4.372 min
Delta R.T.: -0.007 min
Response: 36168570
Conc: 714.68 ng/ml



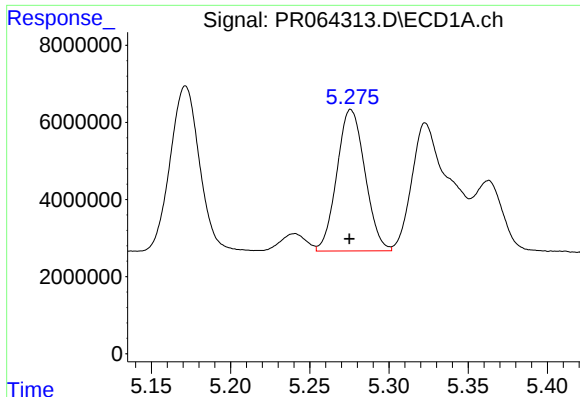
#14 AR-1232-4

R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 55862985
Conc: 765.77 ng/ml



#14 AR-1232-4

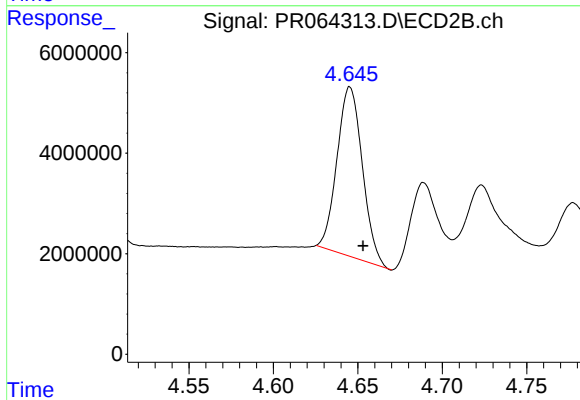
R.T.: 4.466 min
Delta R.T.: -0.007 min
Response: 25157980
Conc: 550.94 ng/ml



#15 AR-1232-5

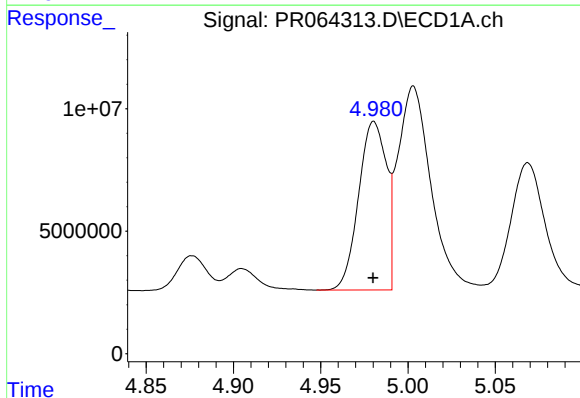
R.T.: 5.276 min
Delta R.T.: 0.000 min
Response: 45214488
Conc: 827.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



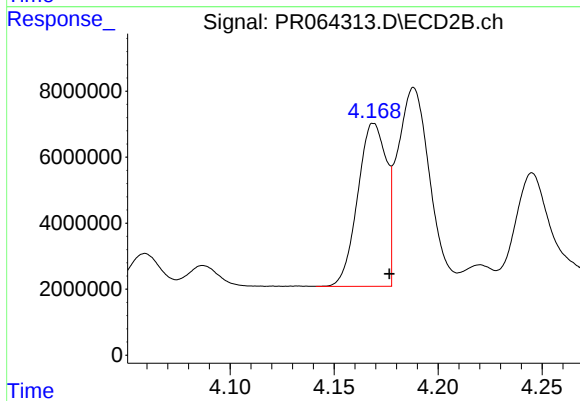
#15 AR-1232-5

R.T.: 4.645 min
Delta R.T.: -0.008 min
Response: 35278684
Conc: 699.78 ng/ml



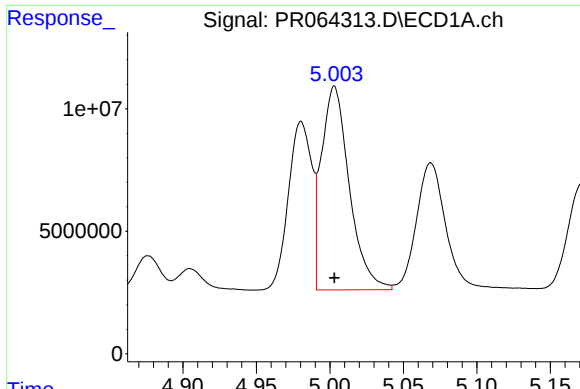
#16 AR-1242-1

R.T.: 4.980 min
Delta R.T.: 0.000 min
Response: 76294688
Conc: 422.48 ng/ml



#16 AR-1242-1

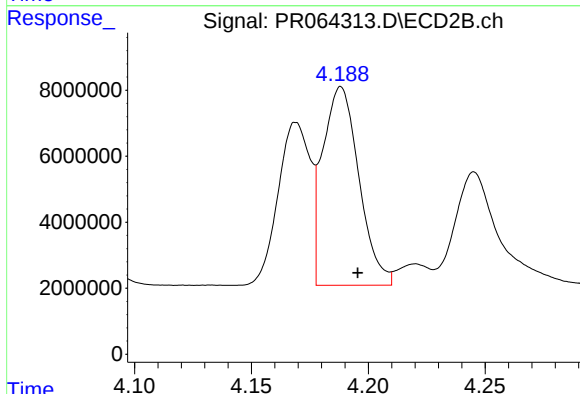
R.T.: 4.169 min
Delta R.T.: -0.008 min
Response: 47264178
Conc: 384.46 ng/ml



#17 AR-1242-2

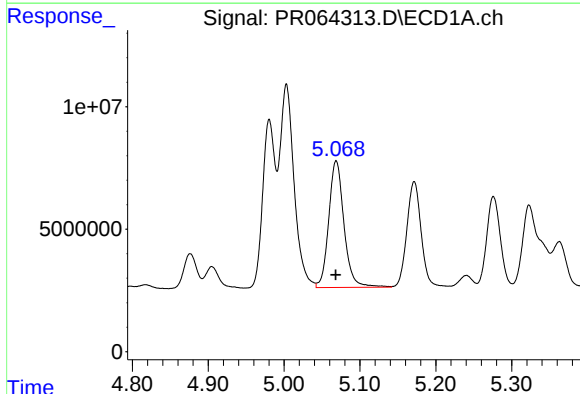
R.T.: 5.003 min
Delta R.T.: 0.000 min
Response: 109980064
Conc: 400.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



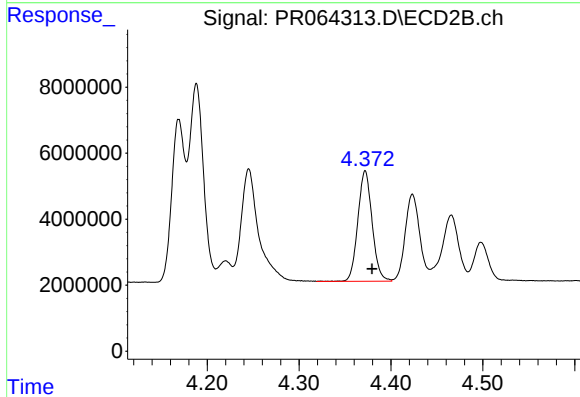
#17 AR-1242-2

R.T.: 4.188 min
Delta R.T.: -0.007 min
Response: 65010368
Conc: 386.42 ng/ml



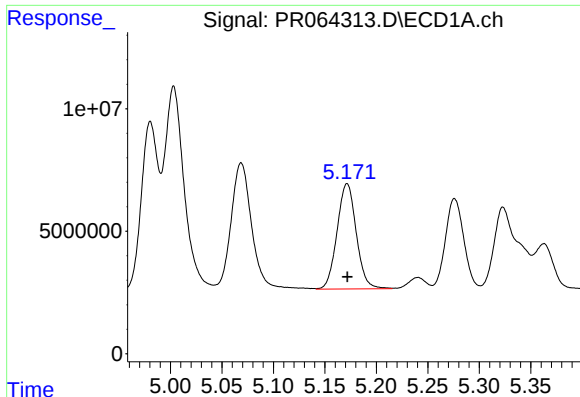
#18 AR-1242-3

R.T.: 5.069 min
Delta R.T.: 0.000 min
Response: 72373966
Conc: 411.58 ng/ml



#18 AR-1242-3

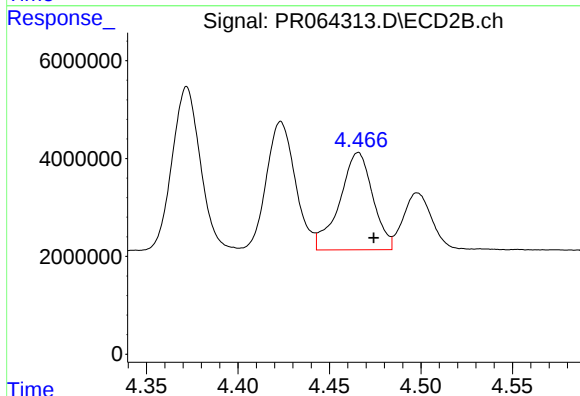
R.T.: 4.372 min
Delta R.T.: -0.007 min
Response: 36168570
Conc: 388.82 ng/ml



#19 AR-1242-4

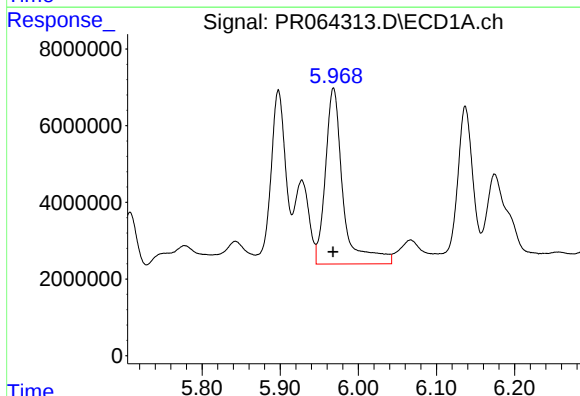
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 55862985
Conc: 408.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



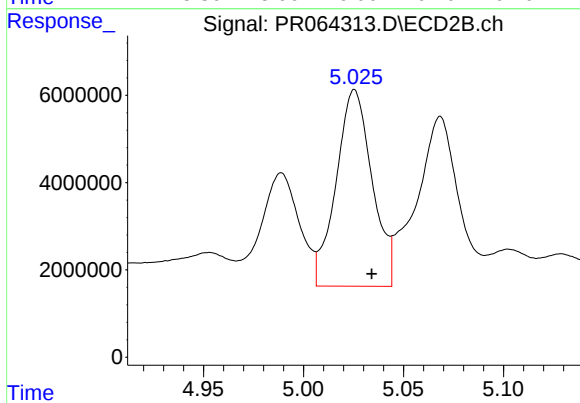
#19 AR-1242-4

R.T.: 4.466 min
Delta R.T.: -0.008 min
Response: 25157980
Conc: 276.81 ng/ml



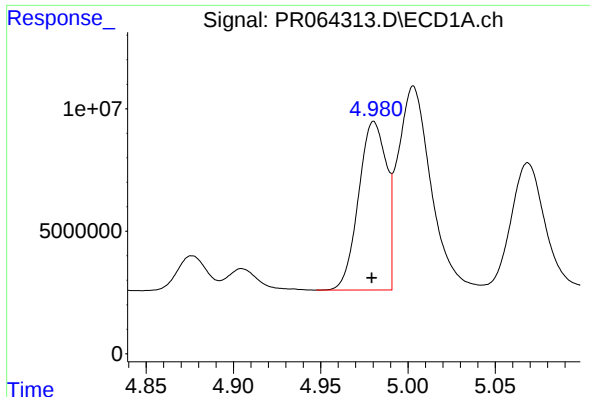
#20 AR-1242-5

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 72289926
Conc: 488.25 ng/ml



#20 AR-1242-5

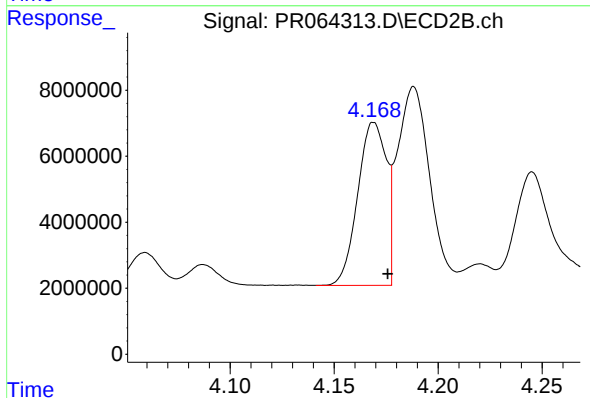
R.T.: 5.026 min
Delta R.T.: -0.009 min
Response: 56576027
Conc: 510.40 ng/ml



#21 AR-1248-1

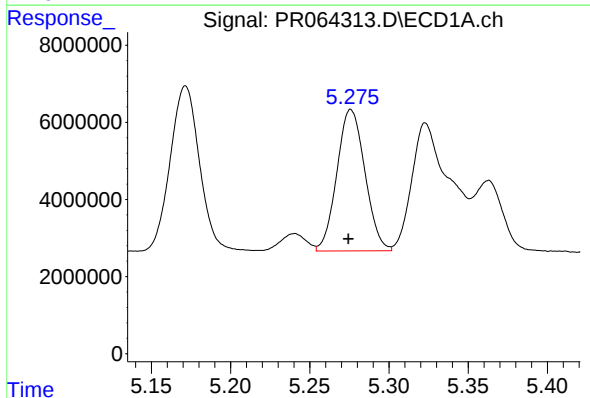
R.T.: 4.980 min
Delta R.T.: 0.001 min
Response: 76294688
Conc: 553.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



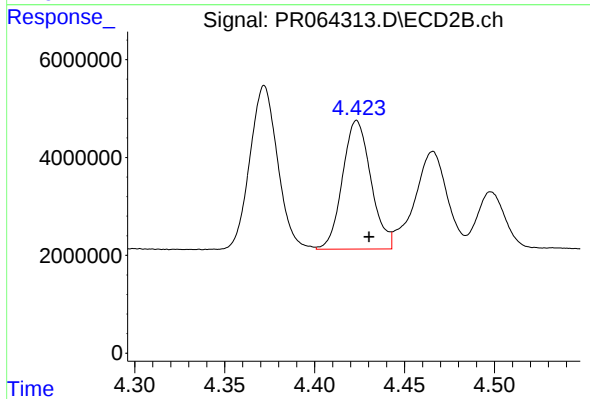
#21 AR-1248-1

R.T.: 4.169 min
Delta R.T.: -0.007 min
Response: 47264178
Conc: 501.01 ng/ml



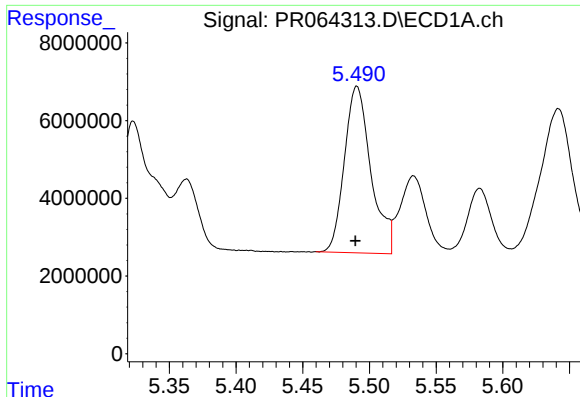
#22 AR-1248-2

R.T.: 5.276 min
Delta R.T.: 0.002 min
Response: 45214488
Conc: 230.90 ng/ml



#22 AR-1248-2

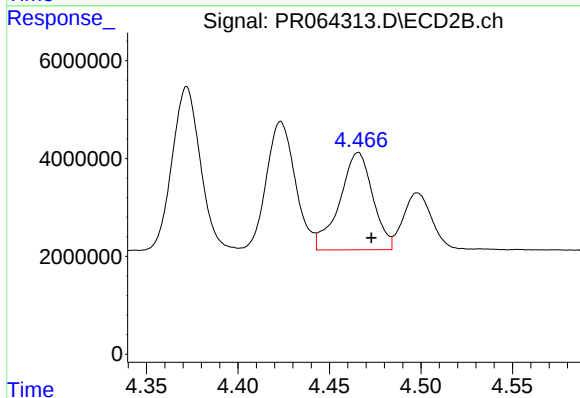
R.T.: 4.423 min
Delta R.T.: -0.007 min
Response: 28943399
Conc: 222.30 ng/ml



#23 AR-1248-3

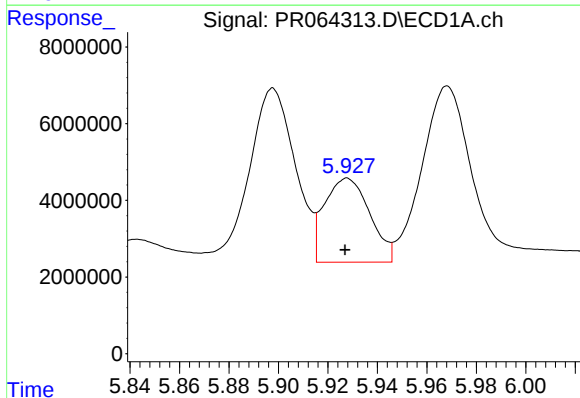
R.T.: 5.491 min
Delta R.T.: 0.001 min
Response: 59344108
Conc: 257.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



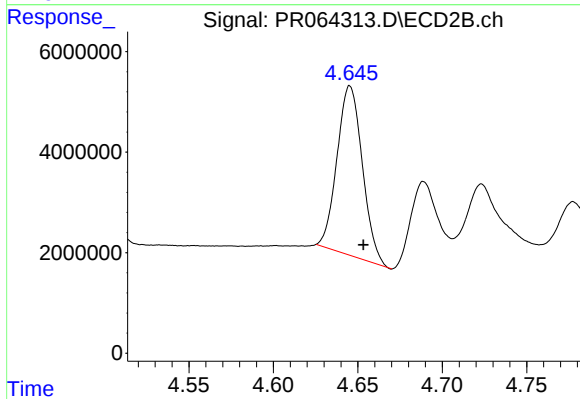
#23 AR-1248-3

R.T.: 4.466 min
Delta R.T.: -0.007 min
Response: 25157980
Conc: 186.61 ng/ml



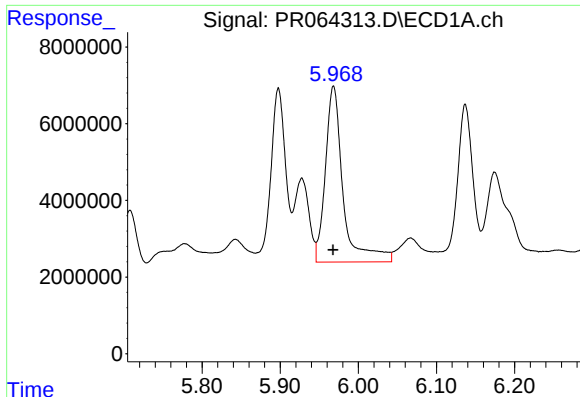
#24 AR-1248-4

R.T.: 5.928 min
Delta R.T.: 0.000 min
Response: 27841564
Conc: 112.46 ng/ml



#24 AR-1248-4

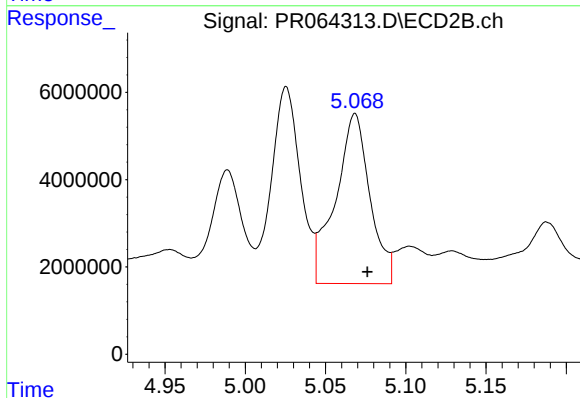
R.T.: 4.645 min
Delta R.T.: -0.008 min
Response: 35278684
Conc: 219.33 ng/ml



#25 AR-1248-5

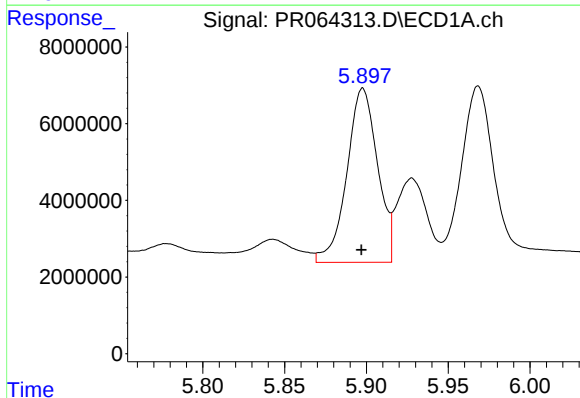
R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 72289926
Conc: 288.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



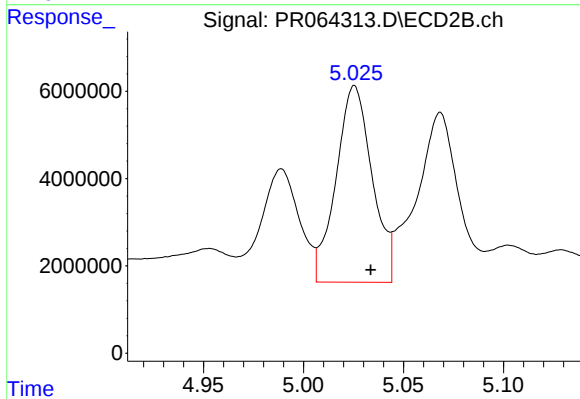
#25 AR-1248-5

R.T.: 5.068 min
Delta R.T.: -0.008 min
Response: 58160817
Conc: 384.64 ng/ml



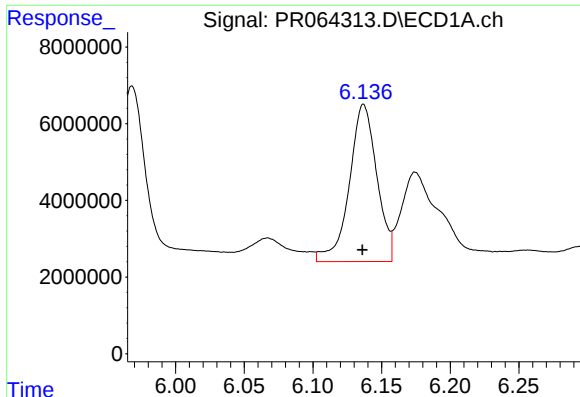
#26 AR-1254-1

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 59235554
Conc: 236.26 ng/ml



#26 AR-1254-1

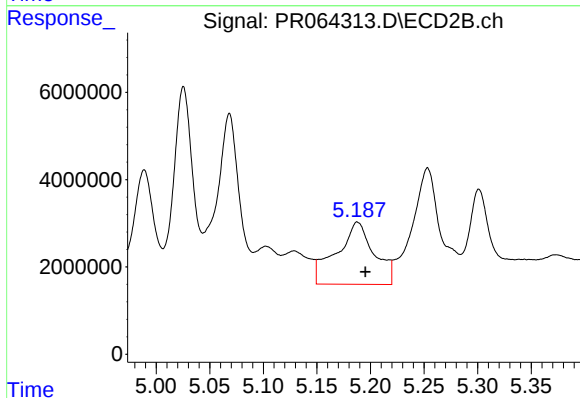
R.T.: 5.026 min
Delta R.T.: -0.008 min
Response: 56576027
Conc: 245.31 ng/ml



#27 AR-1254-2

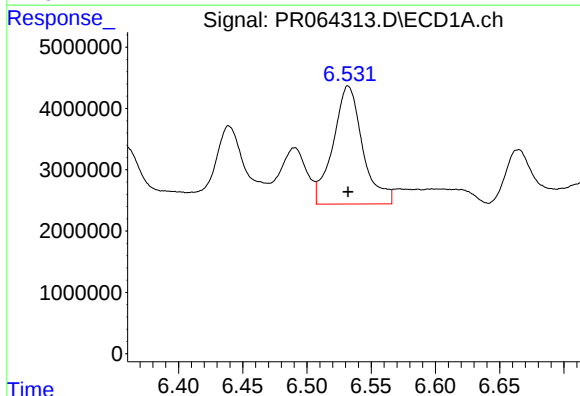
R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 57203636
Conc: 150.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



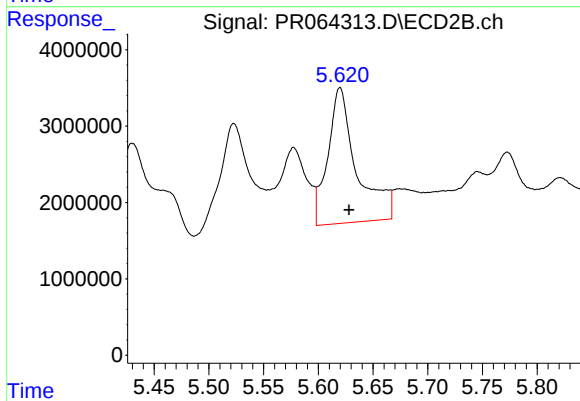
#27 AR-1254-2

R.T.: 5.188 min
Delta R.T.: -0.007 min
Response: 34718890
Conc: 175.34 ng/ml



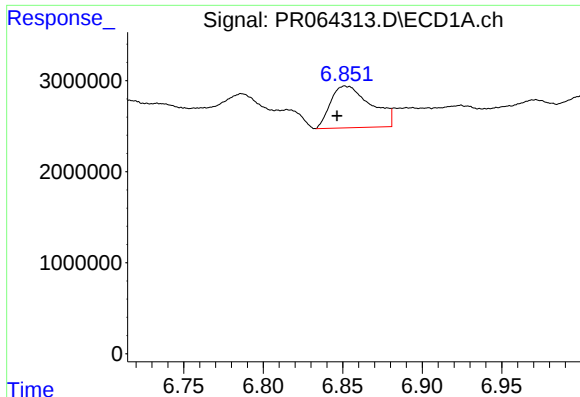
#28 AR-1254-3

R.T.: 6.532 min
Delta R.T.: 0.000 min
Response: 30966341
Conc: 79.48 ng/ml



#28 AR-1254-3

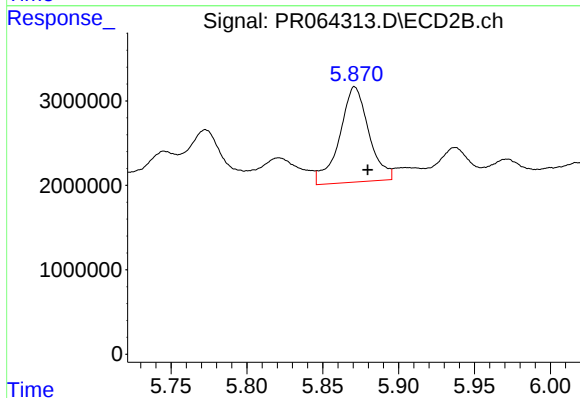
R.T.: 5.620 min
Delta R.T.: -0.008 min
Response: 32585885
Conc: 104.09 ng/ml



#29 AR-1254-4

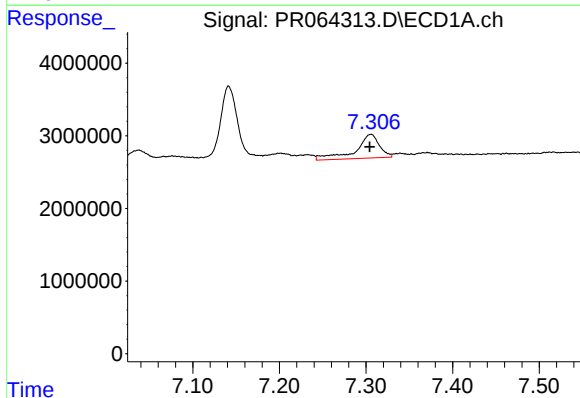
R.T.: 6.852 min
Delta R.T.: 0.005 min
Response: 8089380
Conc: 30.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



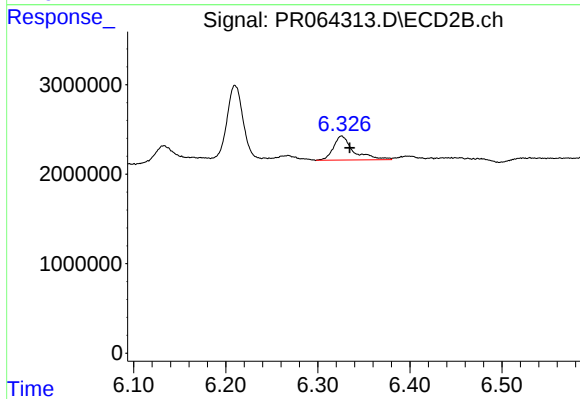
#29 AR-1254-4

R.T.: 5.871 min
Delta R.T.: -0.009 min
Response: 15144830
Conc: 80.60 ng/ml



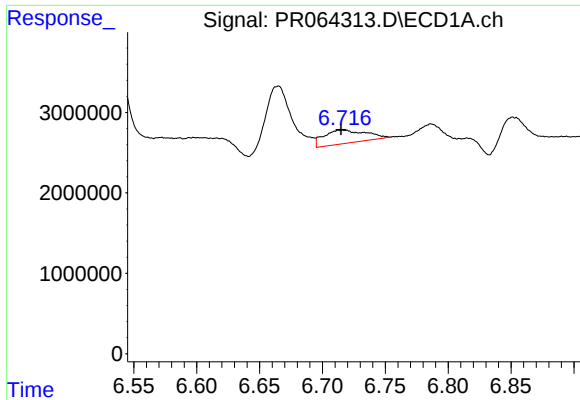
#30 AR-1254-5

R.T.: 7.306 min
Delta R.T.: 0.001 min
Response: 6227207
Conc: 21.18 ng/ml



#30 AR-1254-5

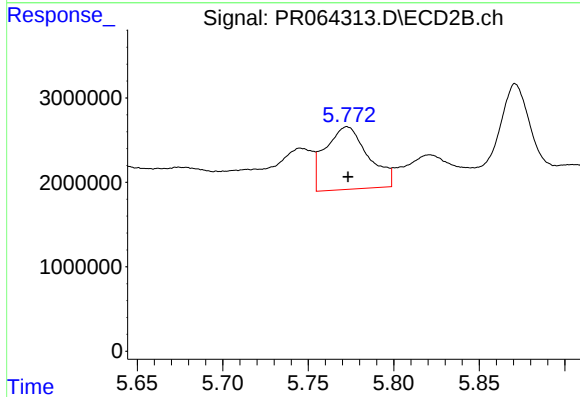
R.T.: 6.326 min
Delta R.T.: -0.009 min
Response: 4084928
Conc: 14.97 ng/ml



#31 AR-1260-1

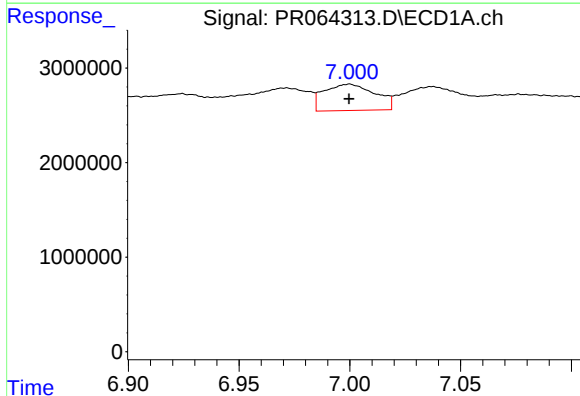
R.T.: 6.716 min
Delta R.T.: 0.001 min
Response: 3863376
Conc: 13.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



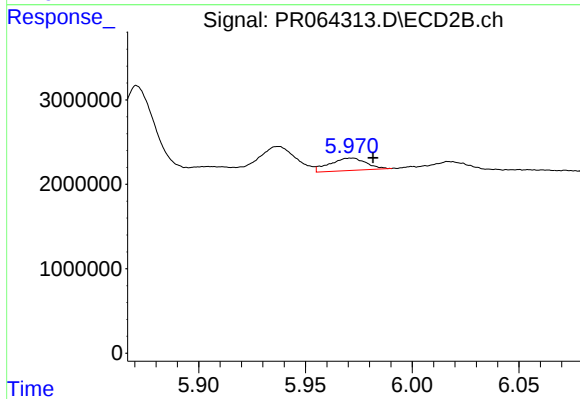
#31 AR-1260-1

R.T.: 5.773 min
Delta R.T.: 0.000 min
Response: 12994191
Conc: 57.87 ng/ml



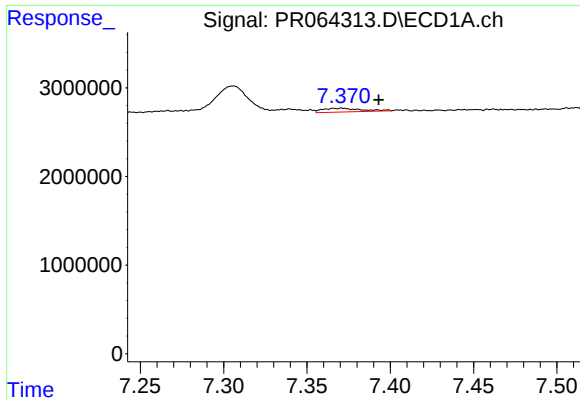
#32 AR-1260-2

R.T.: 7.000 min
Delta R.T.: 0.000 min
Response: 4467174
Conc: 12.92 ng/ml



#32 AR-1260-2

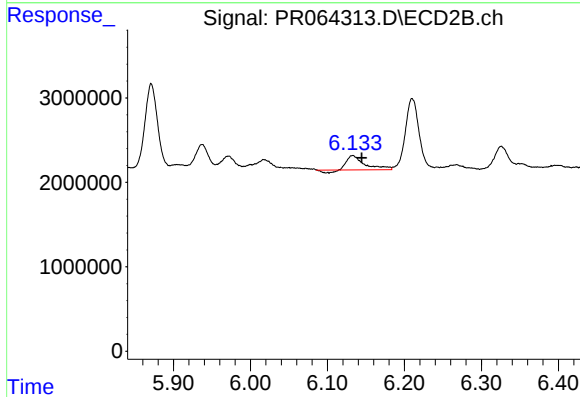
R.T.: 5.971 min
Delta R.T.: -0.010 min
Response: 1760896
Conc: 6.68 ng/ml



#33 AR-1260-3

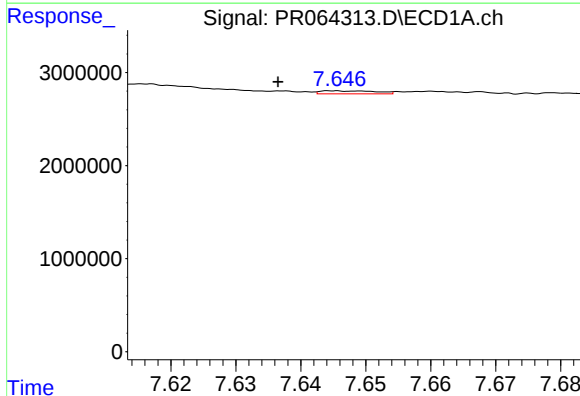
R.T.: 7.371 min
Delta R.T.: -0.022 min
Response: 695753
Conc: 2.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



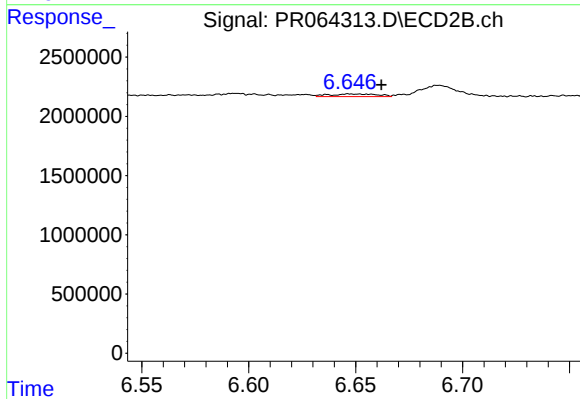
#33 AR-1260-3

R.T.: 6.133 min
Delta R.T.: -0.012 min
Response: 2582284
Conc: 10.21 ng/ml



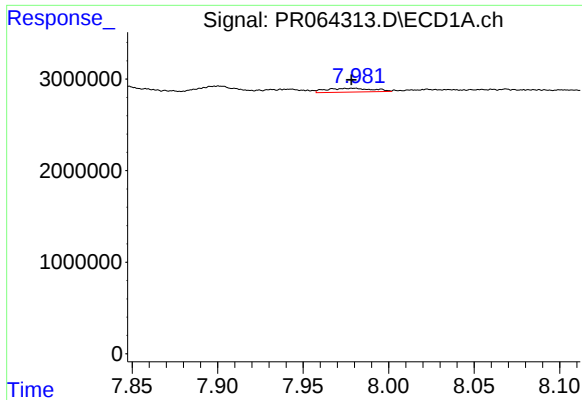
#34 AR-1260-4

R.T.: 7.646 min
Delta R.T.: 0.009 min
Response: 190992
Conc: 0.68 ng/ml



#34 AR-1260-4

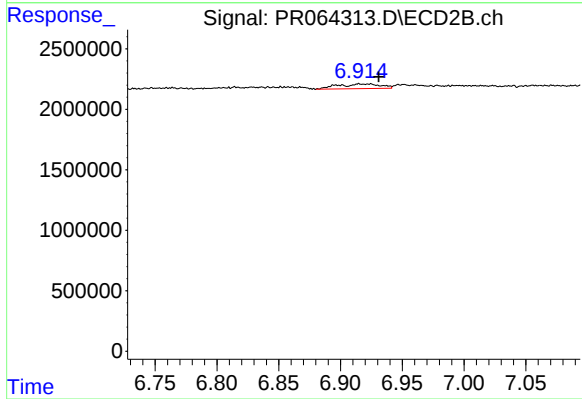
R.T.: 6.647 min
Delta R.T.: -0.015 min
Response: 347301
Conc: 1.76 ng/ml



#35 AR-1260-5

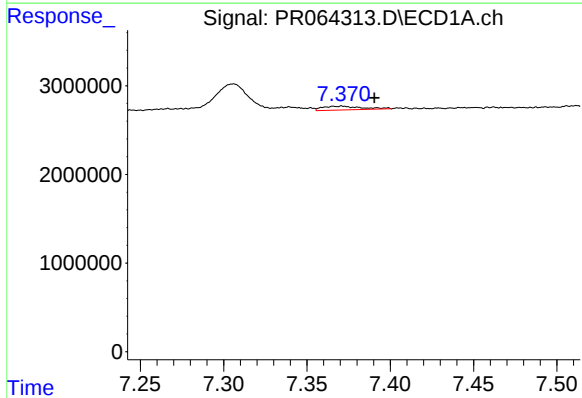
R.T.: 7.980 min
Delta R.T.: 0.002 min
Response: 788692
Conc: 1.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



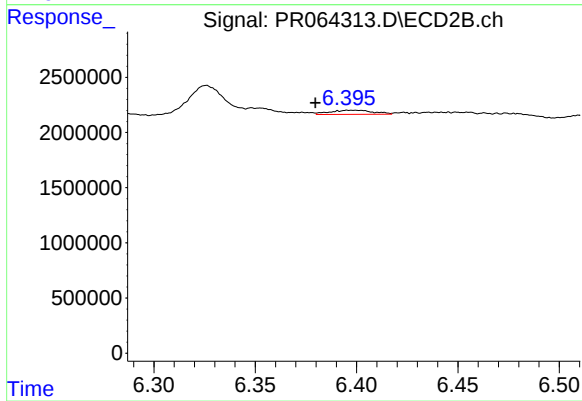
#35 AR-1260-5

R.T.: 6.915 min
Delta R.T.: -0.016 min
Response: 931286
Conc: 2.19 ng/ml



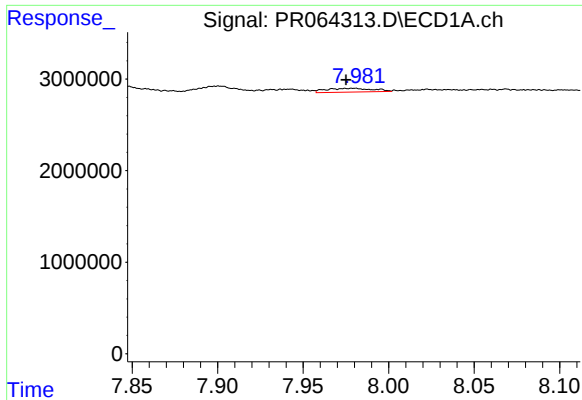
#36 AR-1262-1

R.T.: 7.371 min
Delta R.T.: -0.019 min
Response: 695753
Conc: 1.85 ng/ml



#36 AR-1262-1

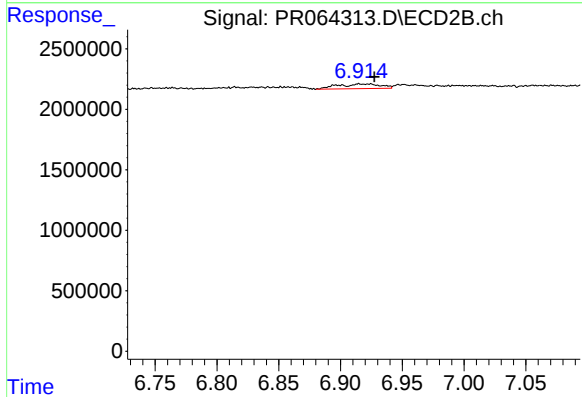
R.T.: 6.397 min
Delta R.T.: 0.018 min
Response: 557719
Conc: 1.92 ng/ml



#37 AR-1262-2

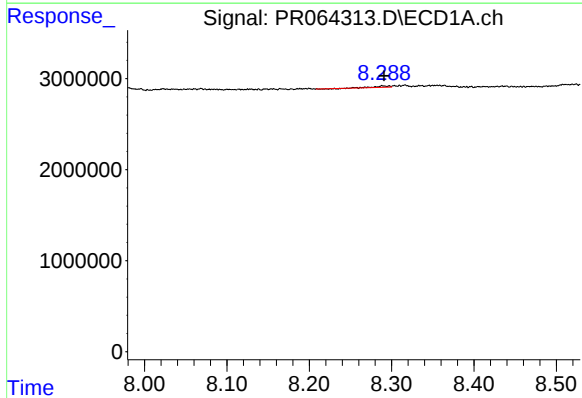
R.T.: 7.980 min
Delta R.T.: 0.005 min
Response: 788692
Conc: 1.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



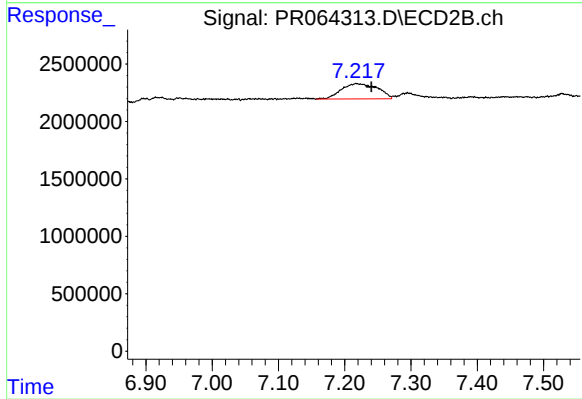
#37 AR-1262-2

R.T.: 6.915 min
Delta R.T.: -0.012 min
Response: 931286
Conc: 2.00 ng/ml



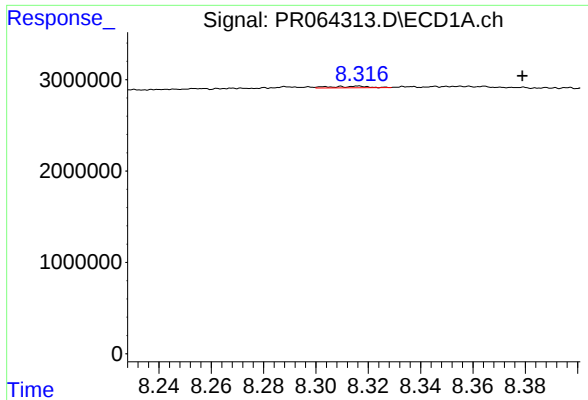
#38 AR-1262-3

R.T.: 8.289 min
Delta R.T.: -0.002 min
Response: 169839
Conc: 0.41 ng/ml



#38 AR-1262-3

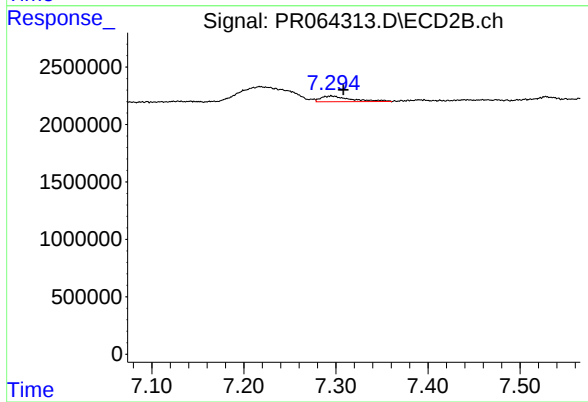
R.T.: 7.218 min
Delta R.T.: -0.023 min
Response: 5048232
Conc: 27.65 ng/ml



#39 AR-1262-4

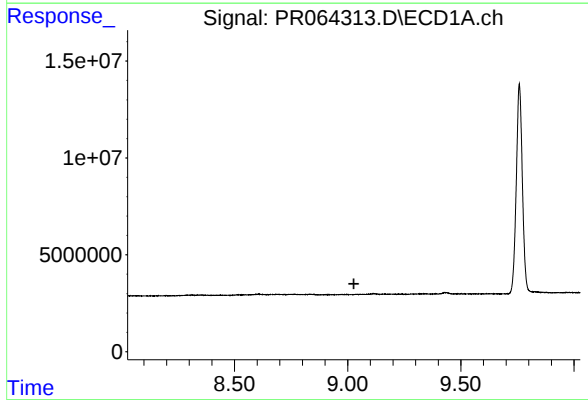
R.T.: 8.316 min
Delta R.T.: -0.063 min
Response: 171617
Conc: 0.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



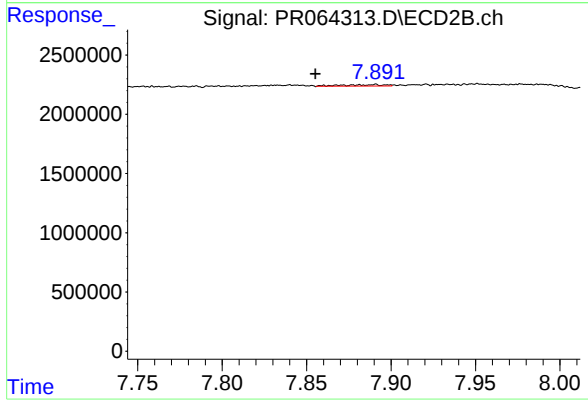
#39 AR-1262-4

R.T.: 7.295 min
Delta R.T.: -0.013 min
Response: 1125552
Conc: 3.34 ng/ml



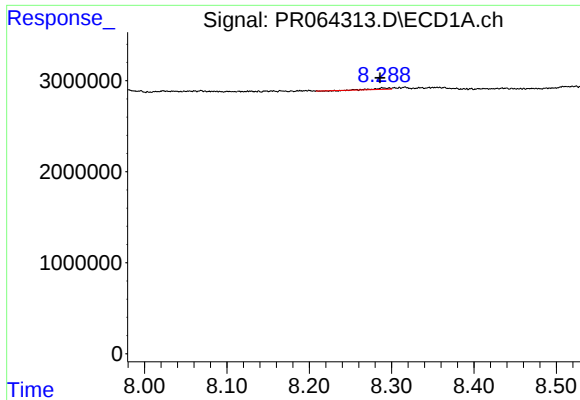
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.027 min
Response: 0
Conc: N.D.



#40 AR-1262-5

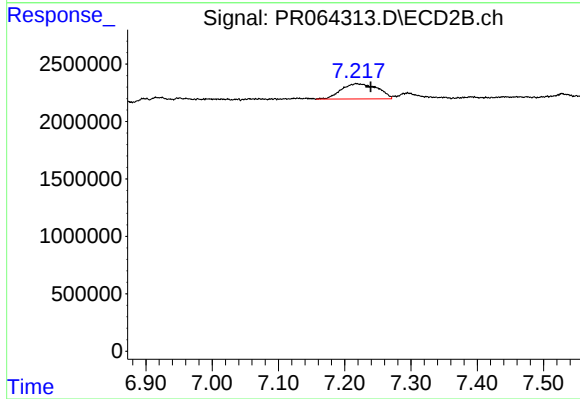
R.T.: 7.891 min
Delta R.T.: 0.035 min
Response: 215304
Conc: 1.47 ng/ml



#41 AR-1268-1

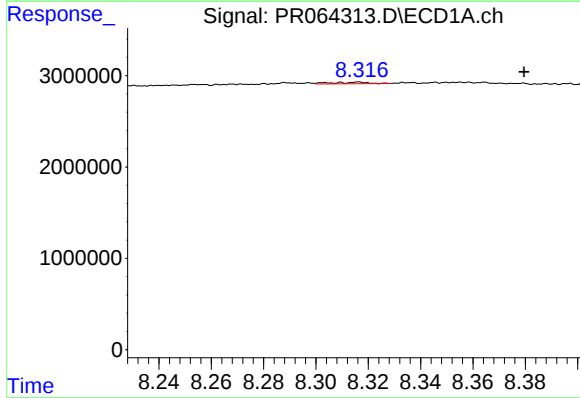
R.T.: 8.289 min
Delta R.T.: 0.003 min
Response: 169839
Conc: 0.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



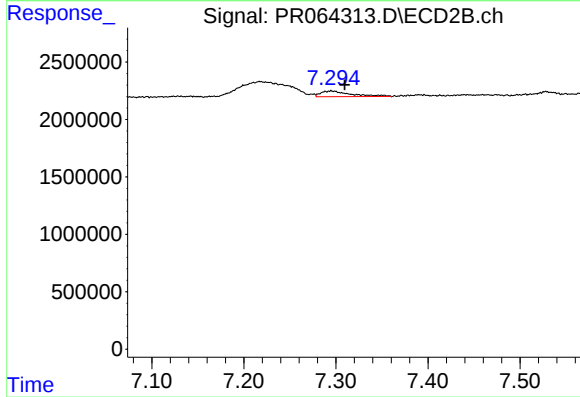
#41 AR-1268-1

R.T.: 7.218 min
Delta R.T.: -0.022 min
Response: 5048232
Conc: 9.70 ng/ml



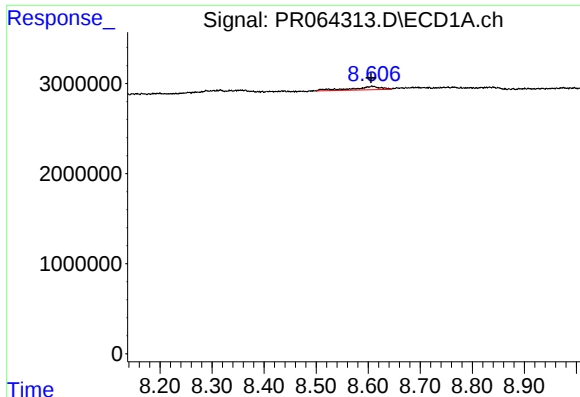
#42 AR-1268-2

R.T.: 8.316 min
Delta R.T.: -0.063 min
Response: 171617
Conc: 0.26 ng/ml



#42 AR-1268-2

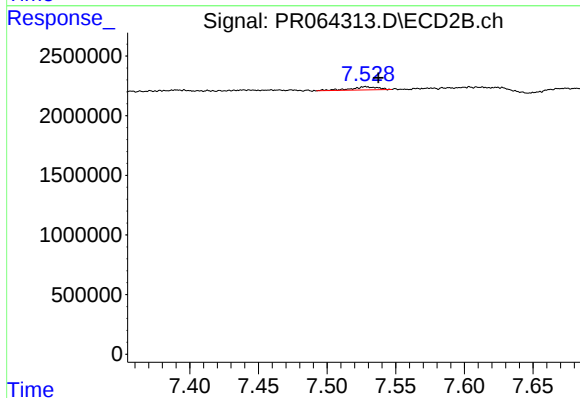
R.T.: 7.295 min
Delta R.T.: -0.015 min
Response: 1125552
Conc: 2.38 ng/ml



#43 AR-1268-3

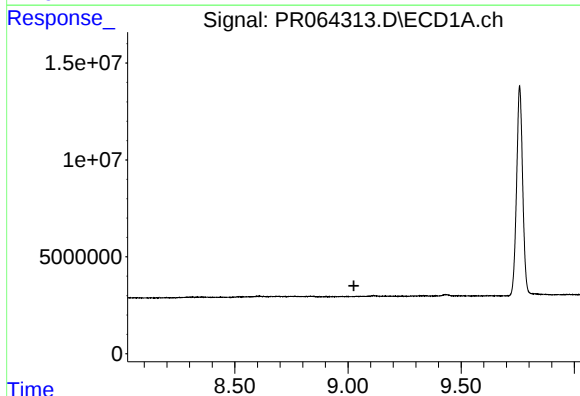
R.T.: 8.607 min
Delta R.T.: 0.002 min
Response: 1479776
Conc: 2.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



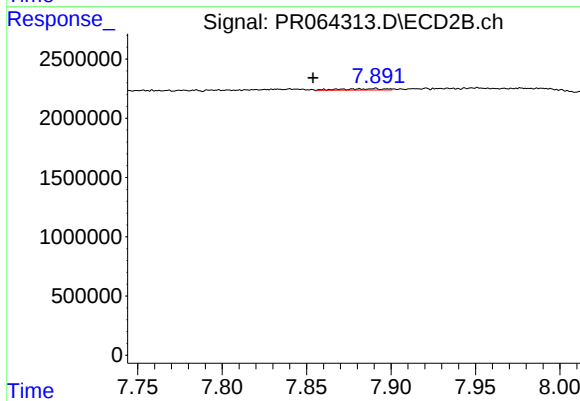
#43 AR-1268-3

R.T.: 7.528 min
Delta R.T.: -0.009 min
Response: 364557
Conc: 0.91 ng/ml



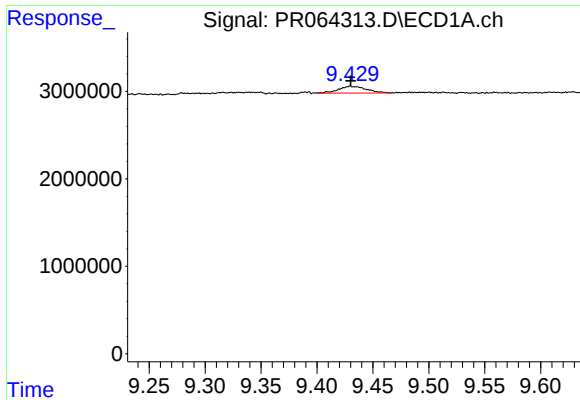
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.026 min
Response: 0
Conc: N.D.



#44 AR-1268-4

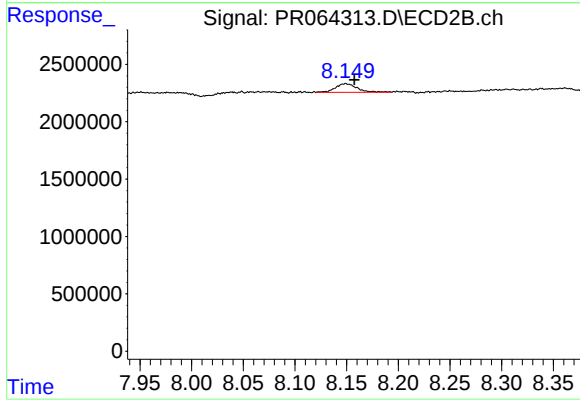
R.T.: 7.891 min
Delta R.T.: 0.037 min
Response: 215304
Conc: 1.32 ng/ml



#45 AR-1268-5

R.T.: 9.430 min
Delta R.T.: 0.000 min
Response: 1353508
Conc: 0.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.149 min
Delta R.T.: -0.009 min
Response: 1096470
Conc: 0.94 ng/ml