

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101923\
 Data File : PR064058.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Oct 2023 09:48
 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 19 21:36:56 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...	3.736	3.023	136.0E6	77608707	18.986	18.803
2)	SA Decachlor...	9.754	8.418	175.7E6	112.8E6	37.616	37.146
Target Compounds							
3)	L1 AR-1016-1	4.979	4.174	63618766	42797329	295.748	294.405
4)	L1 AR-1016-2	5.002	4.194	100.3E6	60696723	305.998	303.627
5)	L1 AR-1016-3	5.067	4.377	64838693	33472682	313.430	303.631
6)	L1 AR-1016-4	5.170	4.428	50456076	27277865	309.766	315.213
7)	L1 AR-1016-5	5.489	4.651	51997010	36144432	319.873	316.371
8)	L2 AR-1221-1	3.960	3.255	7697762	5167072	94.229	95.443
9)	L2 AR-1221-2	4.053	3.343	9563383	6840317	175.925	176.641
10)	L2 AR-1221-3	4.133	3.423	37201891	26480358	207.284	211.153
11)	L3 AR-1232-1	4.133	3.423	37201891	26480358	250.237	252.894
12)	L3 AR-1232-2	4.689	4.194	55922264	60696723	686.079	650.374
13)	L3 AR-1232-3	5.002	4.377	100.3E6	33472682	669.837	661.406
14)	L3 AR-1232-4	5.170	4.471	50456076	33620059	691.656	736.249
15)	L3 AR-1232-5	5.274	4.651	40351997	36144432	738.161	716.955
16)	L4 AR-1242-1	4.979	4.174	63618766	42797329	352.290	348.128
17)	L4 AR-1242-2	5.002	4.194	100.3E6	60696723	365.375	360.782
18)	L4 AR-1242-3	5.067	4.377	64838693	33472682	368.724	359.836
19)	L4 AR-1242-4	5.170	4.471	50456076	33620059	369.125	369.911
20)	L4 AR-1242-5	5.967	5.031	53344462	40111821	360.288	361.869
21)	L5 AR-1248-1	4.979	4.174	63618766	42797329	461.230	453.662
22)	L5 AR-1248-2	5.274	4.428	40351997	27277865	206.066	209.505
23)	L5 AR-1248-3	5.489	4.471	51997010	33620059	225.832	249.378
24)	L5 AR-1248-4	5.926	4.651	48013357	36144432	193.939	224.714
25)	L5 AR-1248-5	5.967	5.074	53344462	32800073	212.864	216.917
26)	L6 AR-1254-1	5.895	5.031	36358038	40111821	145.013	173.925
27)	L6 AR-1254-2	6.135	5.193	42960868	10790312	112.940	54.493 #
28)	L6 AR-1254-3	6.530	5.625	17744153	13588930	45.541	43.408
29)	L6 AR-1254-4	6.846	5.878	12248590	9529382	45.795	50.713
30)	L6 AR-1254-5	7.303	6.332	2763948	3587688	9.401	13.149 #
31)	L7 AR-1260-1	6.711	5.778	1898212	7879340	6.387	35.093 #
32)	L7 AR-1260-2	6.997	5.978	1887348	1173006	5.458	4.448
33)	L7 AR-1260-3	0.000	6.138	0	2069566	N.D.	8.184 #
34)	L7 AR-1260-4	7.614	6.656	1660646	417957	5.876	2.119 #
35)	L7 AR-1260-5	7.977	6.923	766067	485162	1.419	1.143
36)	L8 AR-1262-1	0.000	6.406	0	350812	N.D.	1.205 #
37)	L8 AR-1262-2	7.977	6.923	766067	485162	1.244	1.039
38)	L8 AR-1262-3	8.302	7.235	947627	243999	2.261	1.336 #
39)	L8 AR-1262-4	8.361	7.299	626402	931372	1.945	2.765 #
40)	L8 AR-1262-5	9.035	7.837	689857	185330	3.139	1.268 #
41)	L9 AR-1268-1	8.302	7.235	947627	243999	1.292	0.469 #

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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	8.361	7.299	626402	931372	0.944	1.973 #
43) L9	AR-1268-3	8.603	7.536	713737	356667	1.239	0.893 #
44) L9	AR-1268-4	9.035	7.837	689857	185330	2.950	1.139 #
45) L9	AR-1268-5	9.425	8.155	1517249	721988	0.853	0.617 #

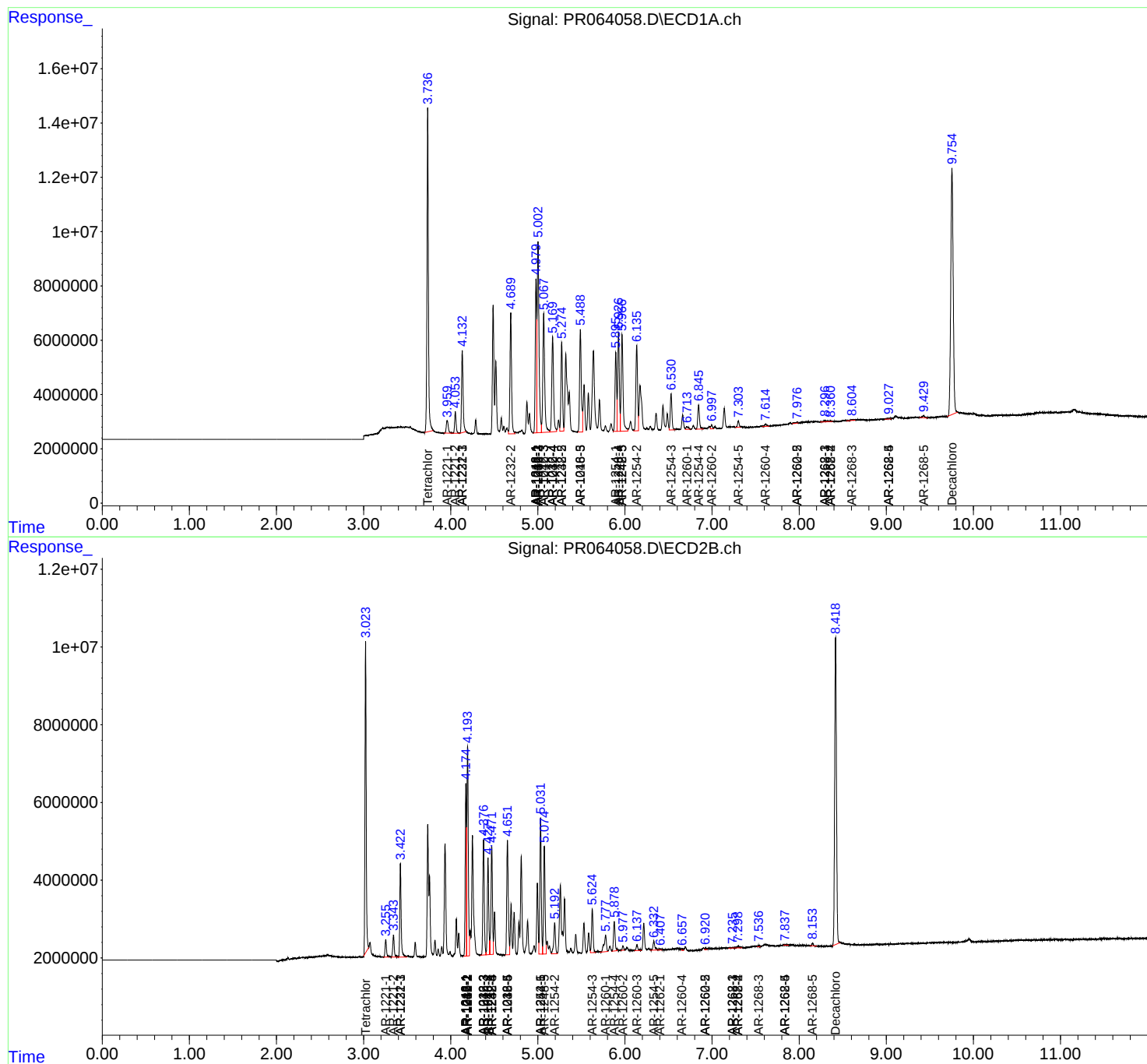
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

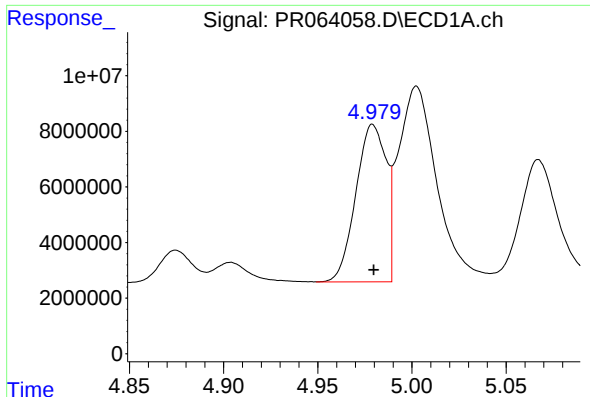
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101923\
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Volume Inj. : 1 µl
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

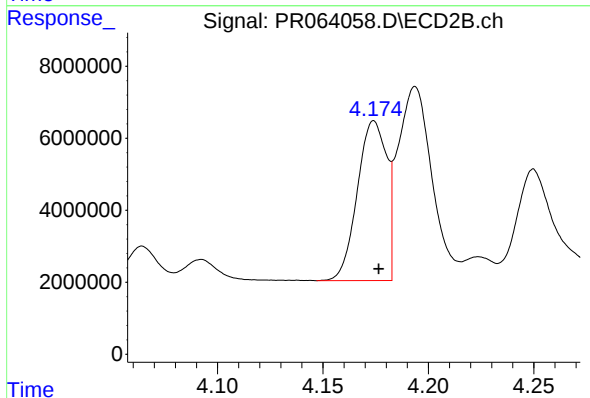




#3 AR-1016-1

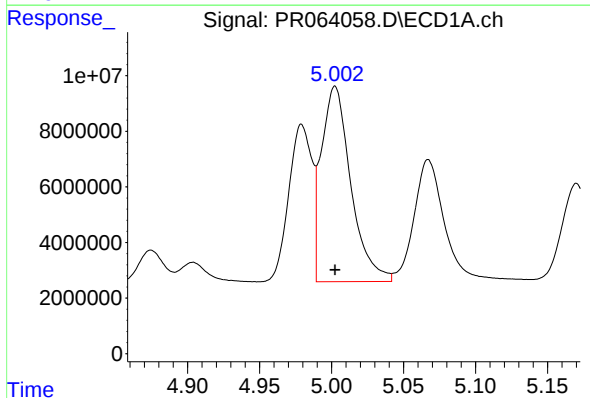
R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 63618766
Conc: 295.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



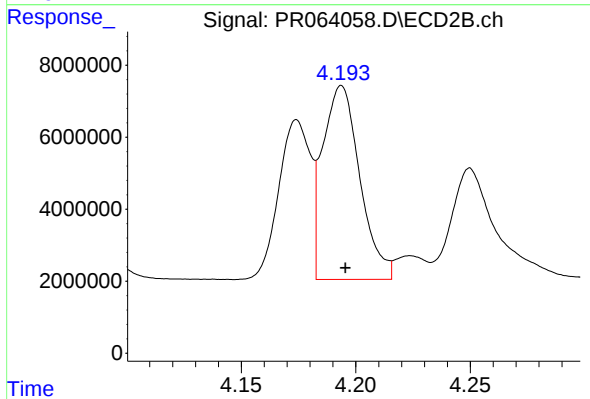
#3 AR-1016-1

R.T.: 4.174 min
Delta R.T.: -0.002 min
Response: 42797329
Conc: 294.40 ng/ml



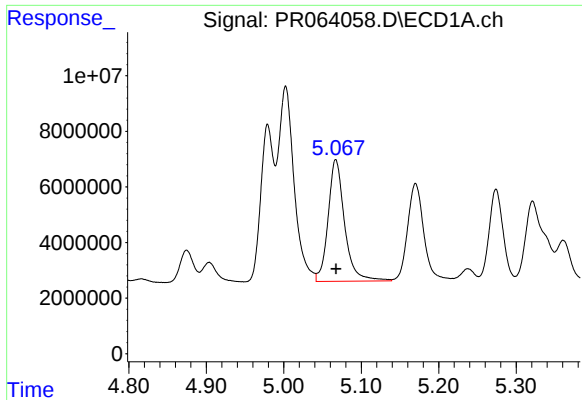
#4 AR-1016-2

R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 100264434
Conc: 306.00 ng/ml



#4 AR-1016-2

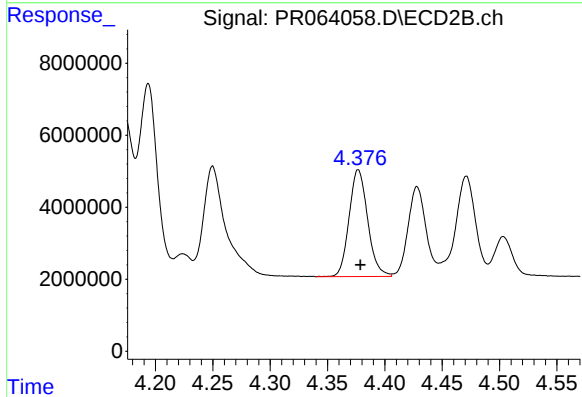
R.T.: 4.194 min
Delta R.T.: -0.002 min
Response: 60696723
Conc: 303.63 ng/ml



#5 AR-1016-3

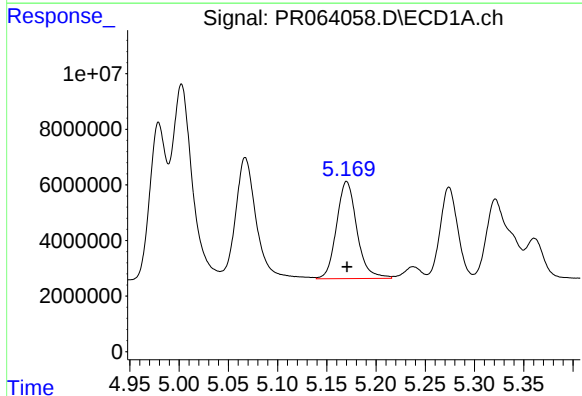
R.T.: 5.067 min
Delta R.T.: 0.000 min
Response: 64838693
Conc: 313.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



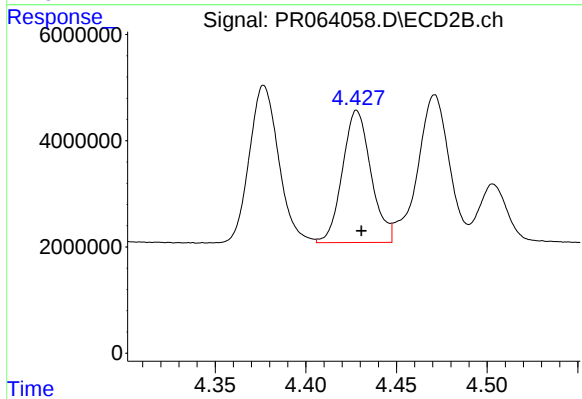
#5 AR-1016-3

R.T.: 4.377 min
Delta R.T.: -0.002 min
Response: 33472682
Conc: 303.63 ng/ml



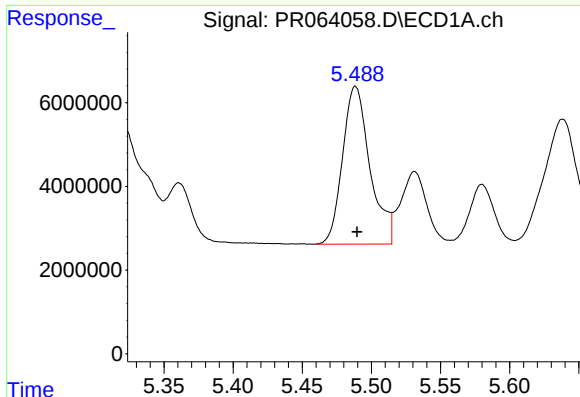
#6 AR-1016-4

R.T.: 5.170 min
Delta R.T.: 0.000 min
Response: 50456076
Conc: 309.77 ng/ml



#6 AR-1016-4

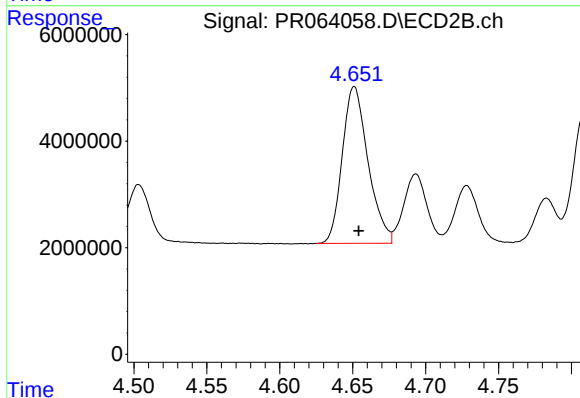
R.T.: 4.428 min
Delta R.T.: -0.003 min
Response: 27277865
Conc: 315.21 ng/ml



#7 AR-1016-5

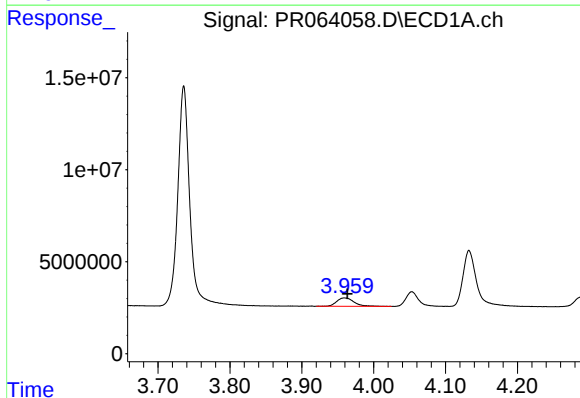
R.T.: 5.489 min
Delta R.T.: -0.001 min
Response: 51997010
Conc: 319.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



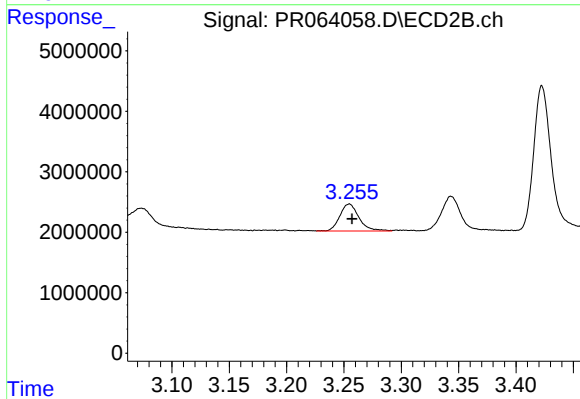
#7 AR-1016-5

R.T.: 4.651 min
Delta R.T.: -0.003 min
Response: 36144432
Conc: 316.37 ng/ml



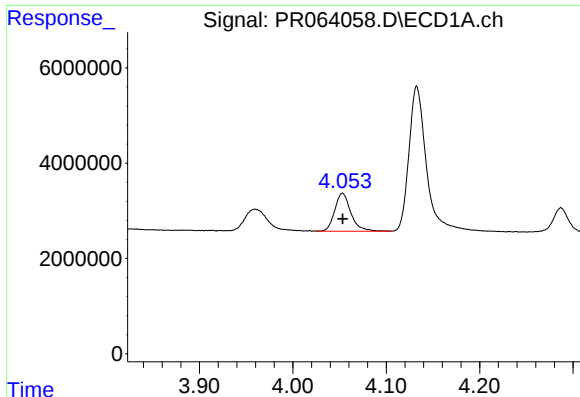
#8 AR-1221-1

R.T.: 3.960 min
Delta R.T.: -0.004 min
Response: 7697762
Conc: 94.23 ng/ml



#8 AR-1221-1

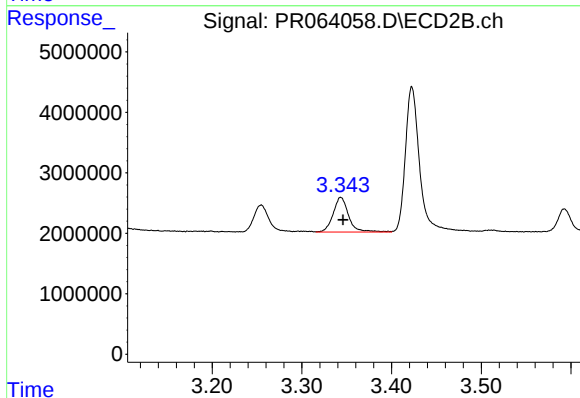
R.T.: 3.255 min
Delta R.T.: -0.003 min
Response: 5167072
Conc: 95.44 ng/ml



#9 AR-1221-2

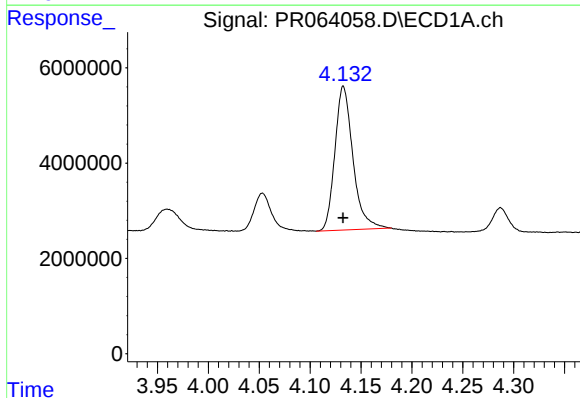
R.T.: 4.053 min
Delta R.T.: 0.000 min
Response: 9563383
Conc: 175.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



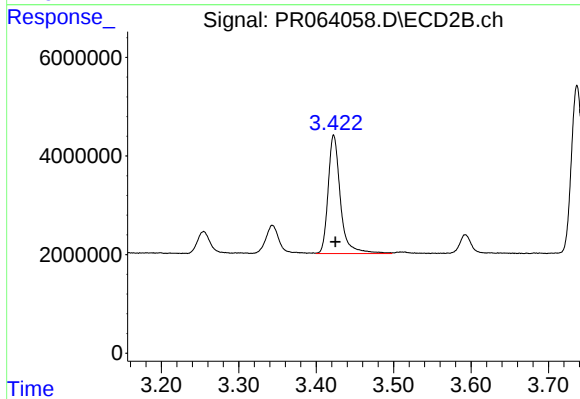
#9 AR-1221-2

R.T.: 3.343 min
Delta R.T.: -0.002 min
Response: 6840317
Conc: 176.64 ng/ml



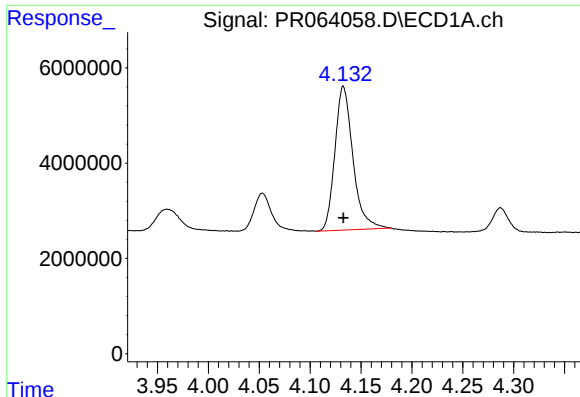
#10 AR-1221-3

R.T.: 4.133 min
Delta R.T.: 0.000 min
Response: 37201891
Conc: 207.28 ng/ml



#10 AR-1221-3

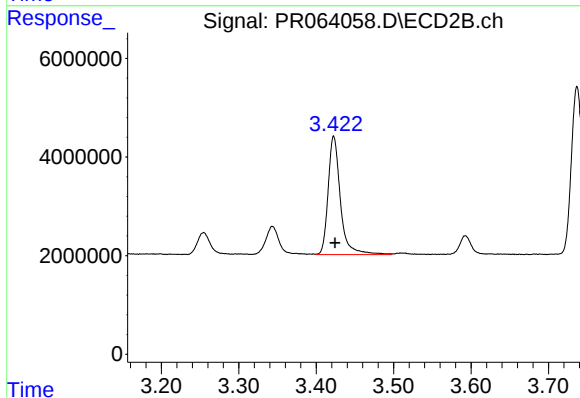
R.T.: 3.423 min
Delta R.T.: -0.002 min
Response: 26480358
Conc: 211.15 ng/ml



#11 AR-1232-1

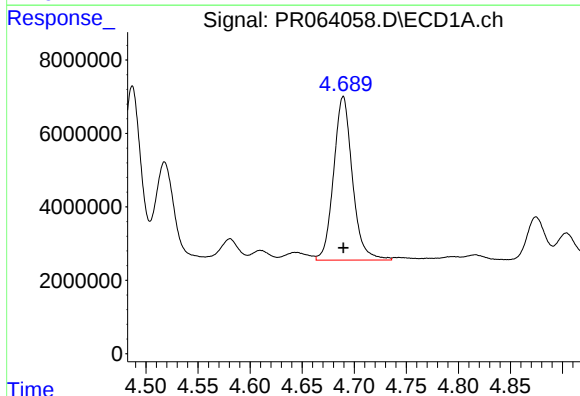
R.T.: 4.133 min
Delta R.T.: 0.000 min
Response: 37201891
Conc: 250.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



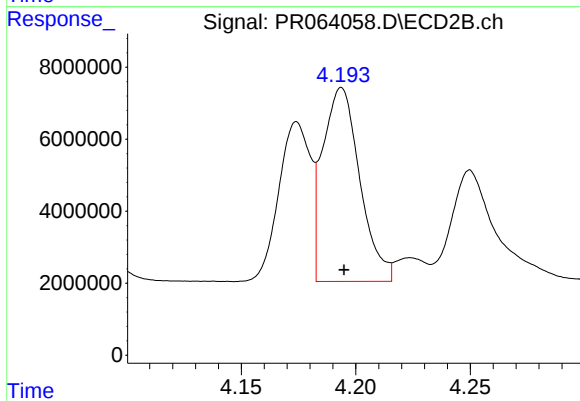
#11 AR-1232-1

R.T.: 3.423 min
Delta R.T.: -0.002 min
Response: 26480358
Conc: 252.89 ng/ml



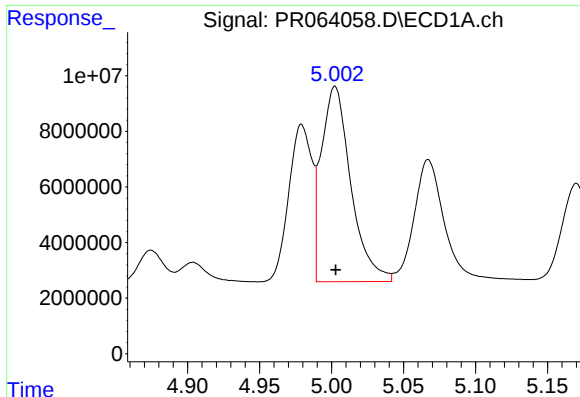
#12 AR-1232-2

R.T.: 4.689 min
Delta R.T.: 0.000 min
Response: 55922264
Conc: 686.08 ng/ml



#12 AR-1232-2

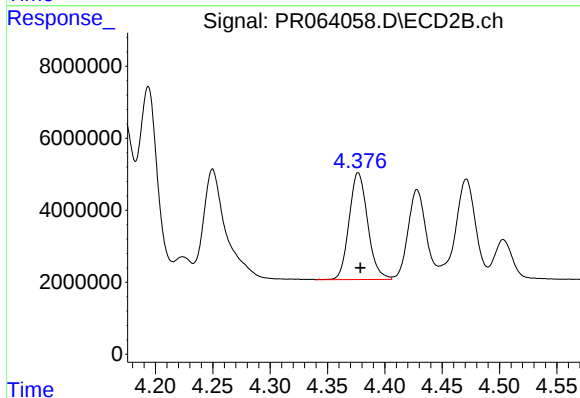
R.T.: 4.194 min
Delta R.T.: -0.001 min
Response: 60696723
Conc: 650.37 ng/ml



#13 AR-1232-3

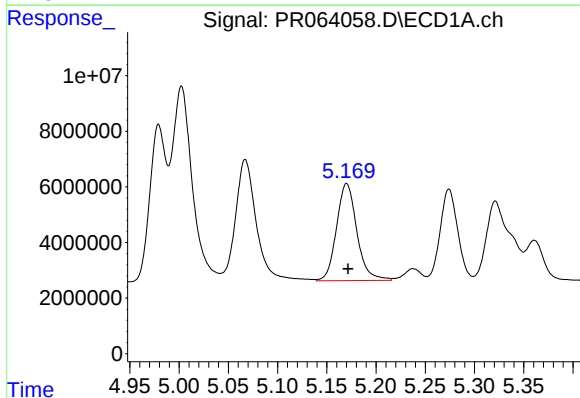
R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 100264434
Conc: 669.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



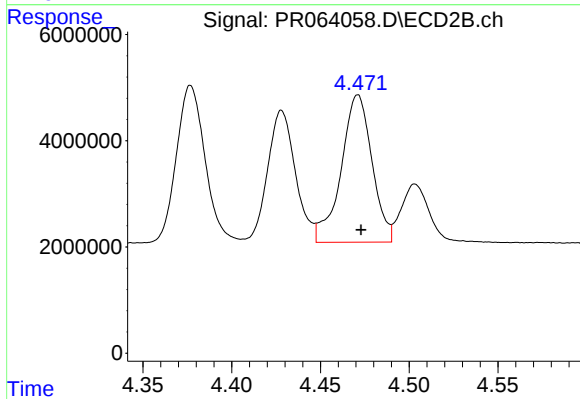
#13 AR-1232-3

R.T.: 4.377 min
Delta R.T.: -0.002 min
Response: 33472682
Conc: 661.41 ng/ml



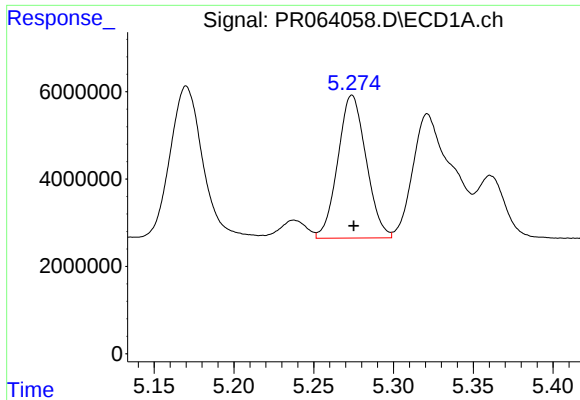
#14 AR-1232-4

R.T.: 5.170 min
Delta R.T.: -0.001 min
Response: 50456076
Conc: 691.66 ng/ml



#14 AR-1232-4

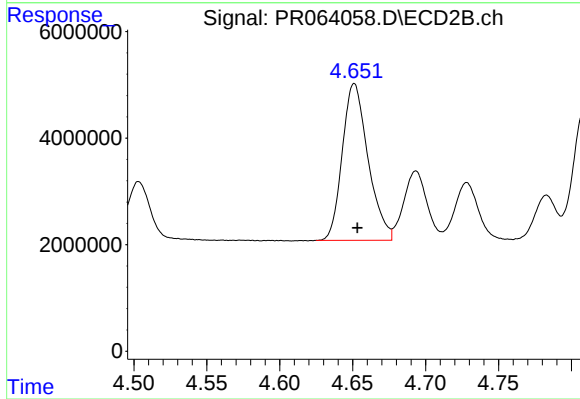
R.T.: 4.471 min
Delta R.T.: -0.002 min
Response: 33620059
Conc: 736.25 ng/ml



#15 AR-1232-5

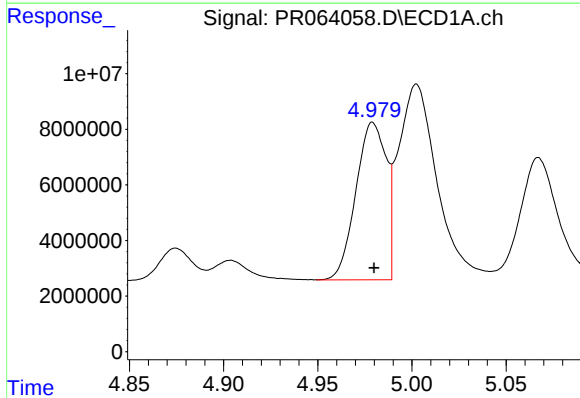
R.T.: 5.274 min
Delta R.T.: -0.001 min
Response: 40351997
Conc: 738.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



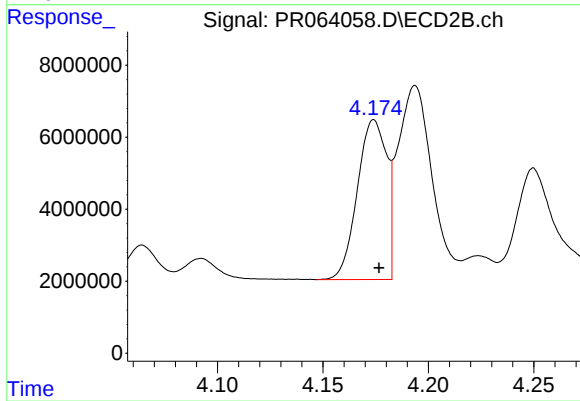
#15 AR-1232-5

R.T.: 4.651 min
Delta R.T.: -0.002 min
Response: 36144432
Conc: 716.96 ng/ml



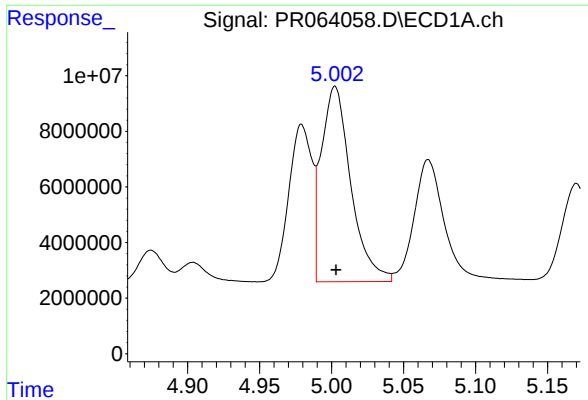
#16 AR-1242-1

R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 63618766
Conc: 352.29 ng/ml



#16 AR-1242-1

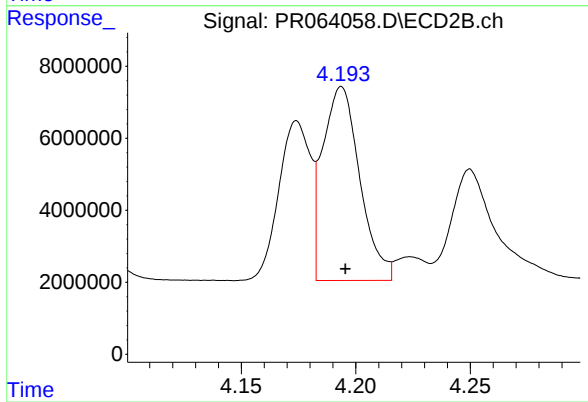
R.T.: 4.174 min
Delta R.T.: -0.002 min
Response: 42797329
Conc: 348.13 ng/ml



#17 AR-1242-2

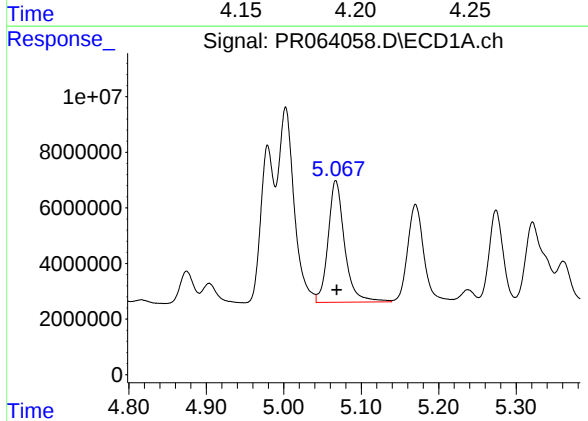
R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 100264434
Conc: 365.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



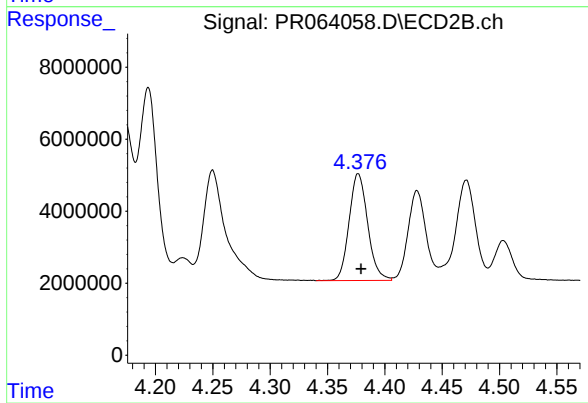
#17 AR-1242-2

R.T.: 4.194 min
Delta R.T.: -0.002 min
Response: 60696723
Conc: 360.78 ng/ml



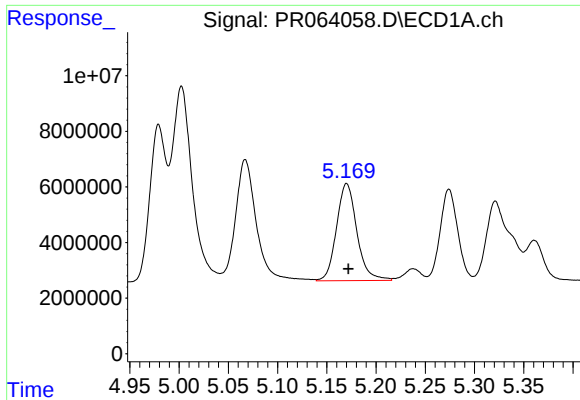
#18 AR-1242-3

R.T.: 5.067 min
Delta R.T.: -0.001 min
Response: 64838693
Conc: 368.72 ng/ml



#18 AR-1242-3

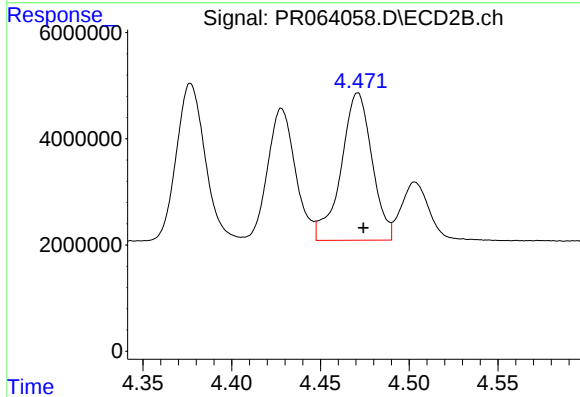
R.T.: 4.377 min
Delta R.T.: -0.002 min
Response: 33472682
Conc: 359.84 ng/ml



#19 AR-1242-4

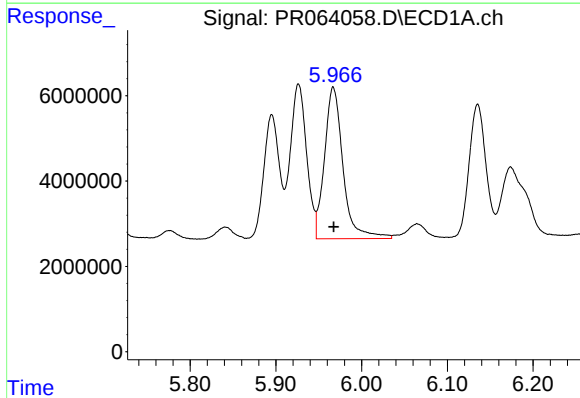
R.T.: 5.170 min
Delta R.T.: -0.002 min
Response: 50456076
Conc: 369.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



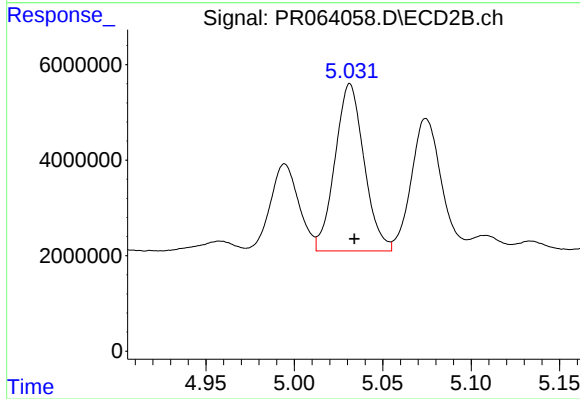
#19 AR-1242-4

R.T.: 4.471 min
Delta R.T.: -0.003 min
Response: 33620059
Conc: 369.91 ng/ml



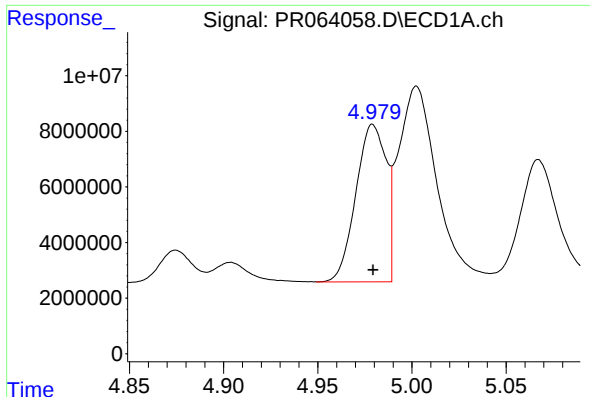
#20 AR-1242-5

R.T.: 5.967 min
Delta R.T.: 0.000 min
Response: 53344462
Conc: 360.29 ng/ml



#20 AR-1242-5

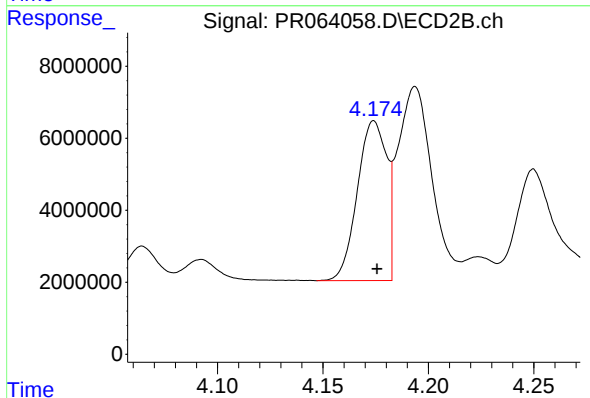
R.T.: 5.031 min
Delta R.T.: -0.003 min
Response: 40111821
Conc: 361.87 ng/ml



#21 AR-1248-1

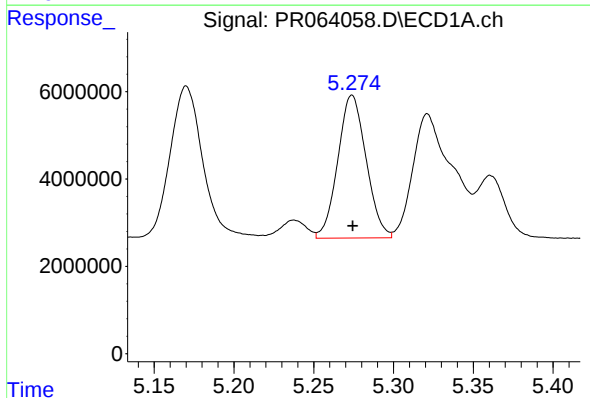
R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 63618766
Conc: 461.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



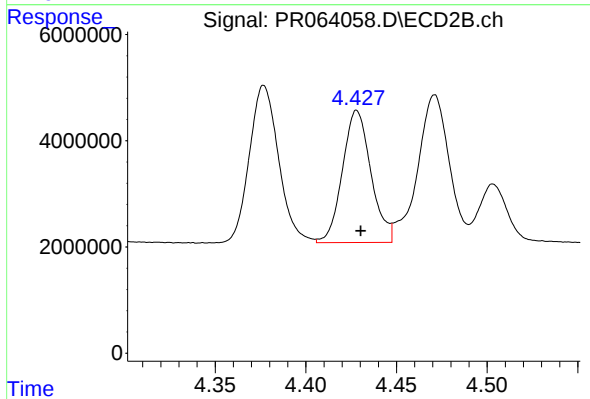
#21 AR-1248-1

R.T.: 4.174 min
Delta R.T.: -0.002 min
Response: 42797329
Conc: 453.66 ng/ml



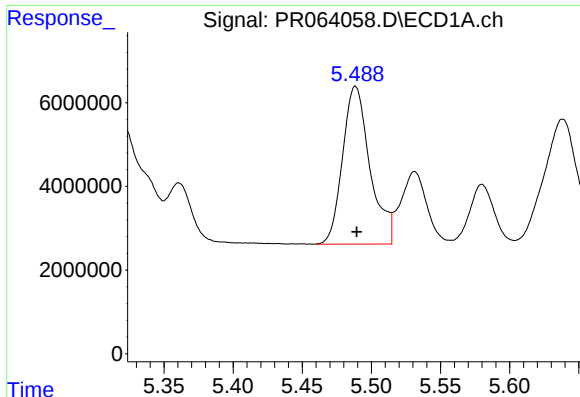
#22 AR-1248-2

R.T.: 5.274 min
Delta R.T.: 0.000 min
Response: 40351997
Conc: 206.07 ng/ml



#22 AR-1248-2

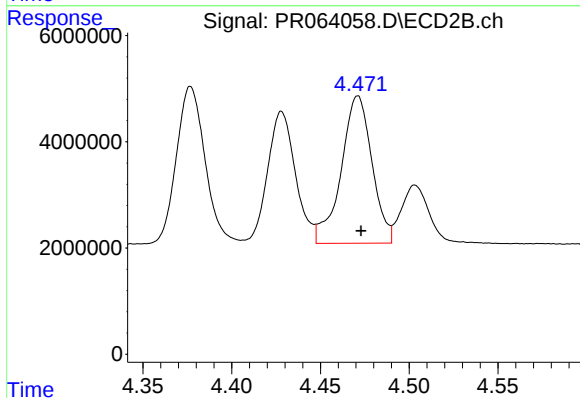
R.T.: 4.428 min
Delta R.T.: -0.002 min
Response: 27277865
Conc: 209.50 ng/ml



#23 AR-1248-3

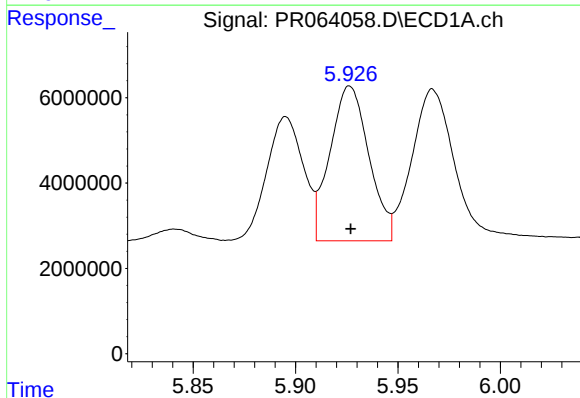
R.T.: 5.489 min
Delta R.T.: 0.000 min
Response: 51997010
Conc: 225.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



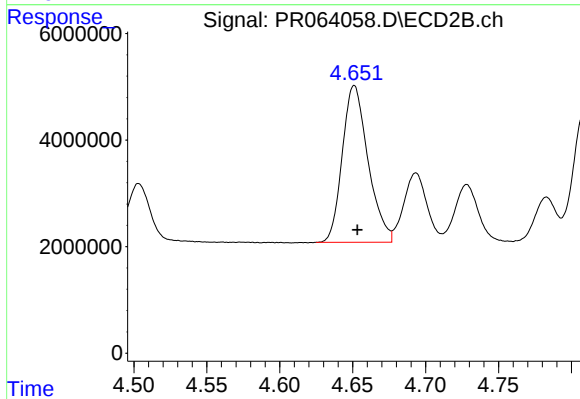
#23 AR-1248-3

R.T.: 4.471 min
Delta R.T.: -0.002 min
Response: 33620059
Conc: 249.38 ng/ml



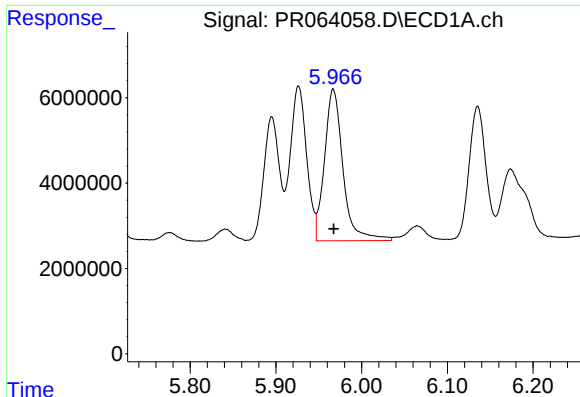
#24 AR-1248-4

R.T.: 5.926 min
Delta R.T.: 0.000 min
Response: 48013357
Conc: 193.94 ng/ml



#24 AR-1248-4

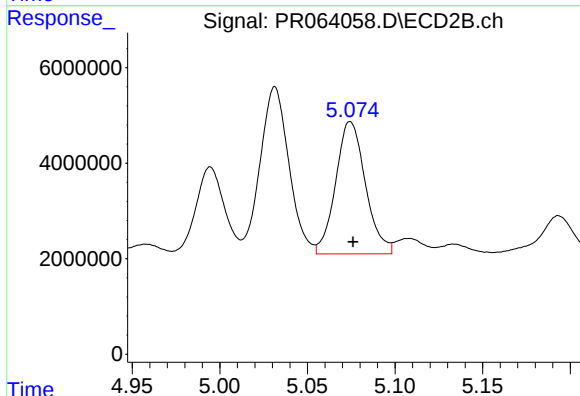
R.T.: 4.651 min
Delta R.T.: -0.002 min
Response: 36144432
Conc: 224.71 ng/ml



#25 AR-1248-5

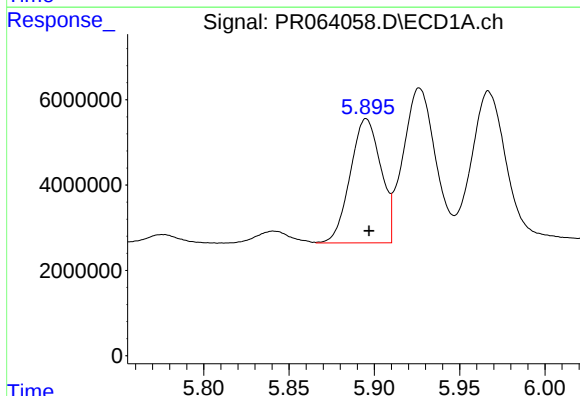
R.T.: 5.967 min
Delta R.T.: 0.000 min
Response: 53344462
Conc: 212.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



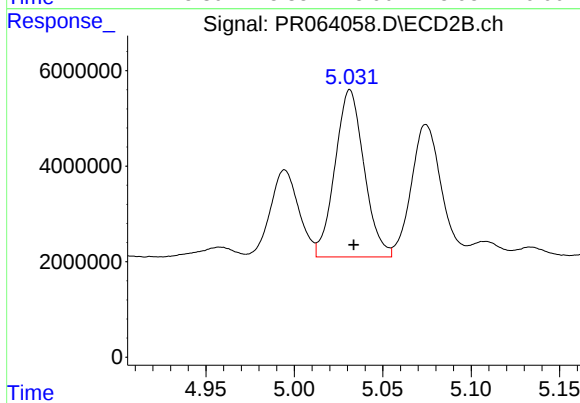
#25 AR-1248-5

R.T.: 5.074 min
Delta R.T.: -0.002 min
Response: 32800073
Conc: 216.92 ng/ml



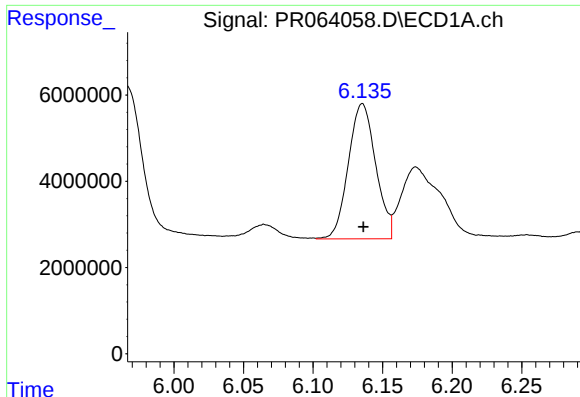
#26 AR-1254-1

R.T.: 5.895 min
Delta R.T.: -0.002 min
Response: 36358038
Conc: 145.01 ng/ml



#26 AR-1254-1

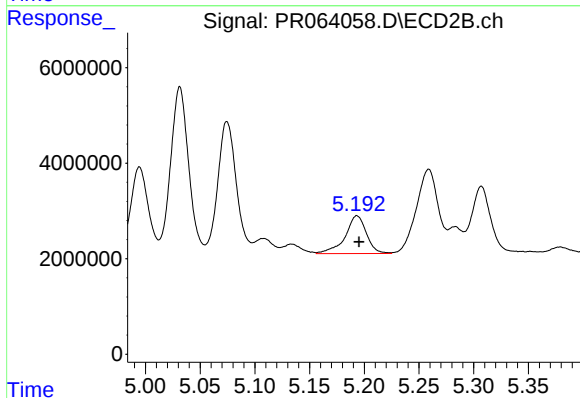
R.T.: 5.031 min
Delta R.T.: -0.002 min
Response: 40111821
Conc: 173.93 ng/ml



#27 AR-1254-2

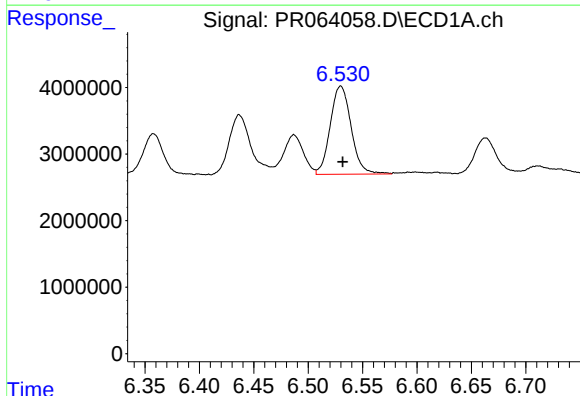
R.T.: 6.135 min
Delta R.T.: 0.000 min
Response: 42960868
Conc: 112.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



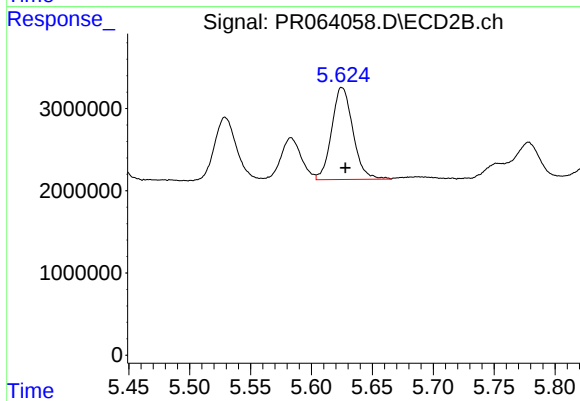
#27 AR-1254-2

R.T.: 5.193 min
Delta R.T.: -0.002 min
Response: 10790312
Conc: 54.49 ng/ml



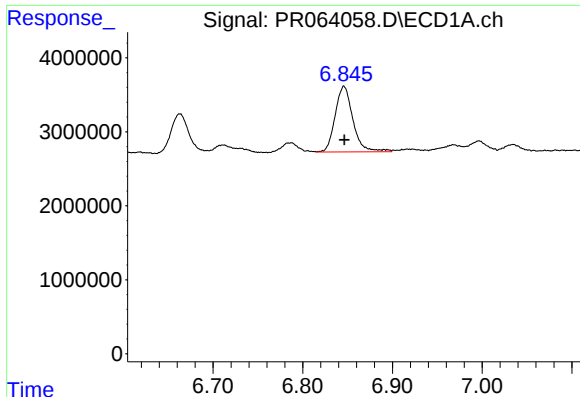
#28 AR-1254-3

R.T.: 6.530 min
Delta R.T.: -0.002 min
Response: 17744153
Conc: 45.54 ng/ml



#28 AR-1254-3

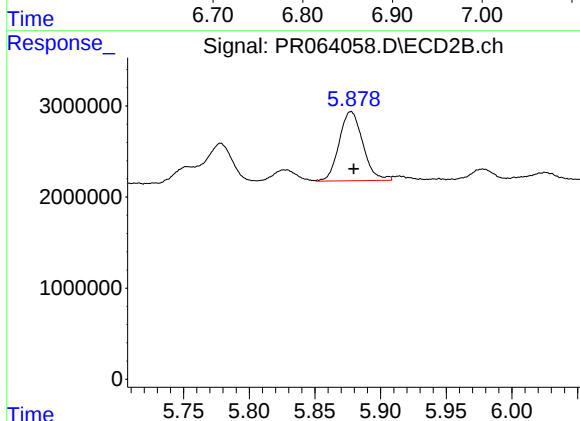
R.T.: 5.625 min
Delta R.T.: -0.003 min
Response: 13588930
Conc: 43.41 ng/ml



#29 AR-1254-4

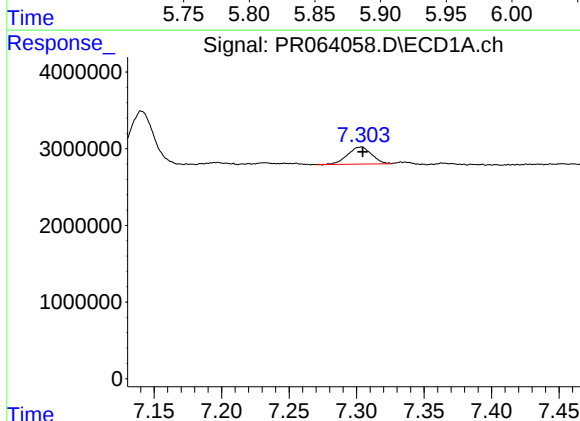
R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 12248590
Conc: 45.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



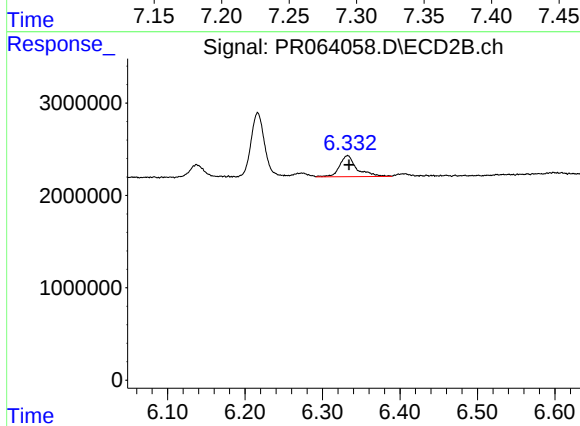
#29 AR-1254-4

R.T.: 5.878 min
Delta R.T.: -0.002 min
Response: 9529382
Conc: 50.71 ng/ml



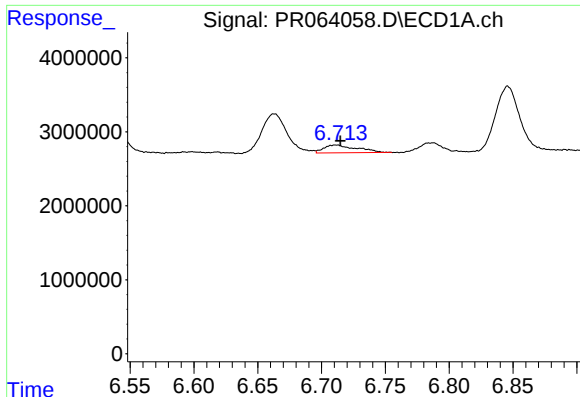
#30 AR-1254-5

R.T.: 7.303 min
Delta R.T.: -0.001 min
Response: 2763948
Conc: 9.40 ng/ml



#30 AR-1254-5

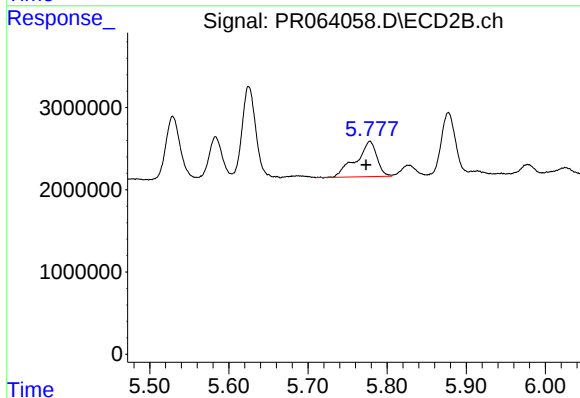
R.T.: 6.332 min
Delta R.T.: -0.002 min
Response: 3587688
Conc: 13.15 ng/ml



#31 AR-1260-1

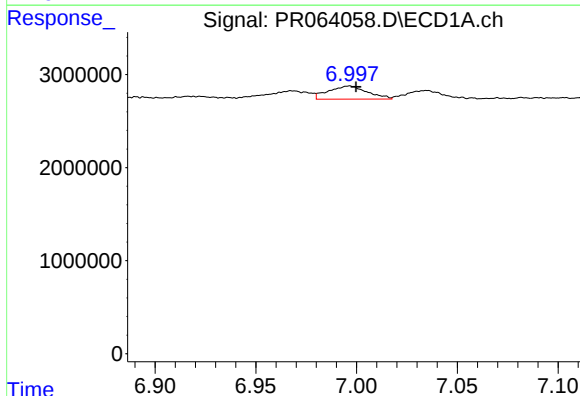
R.T.: 6.711 min
Delta R.T.: -0.003 min
Response: 1898212
Conc: 6.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



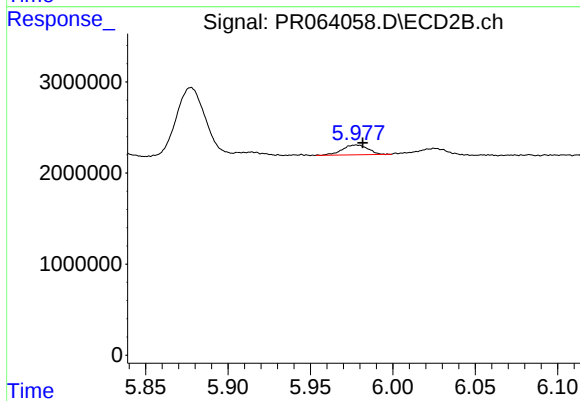
#31 AR-1260-1

R.T.: 5.778 min
Delta R.T.: 0.005 min
Response: 7879340
Conc: 35.09 ng/ml



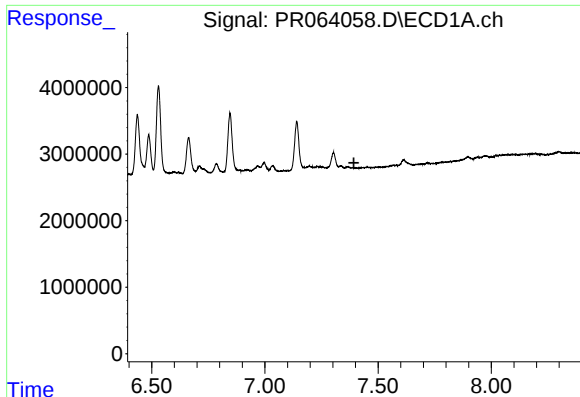
#32 AR-1260-2

R.T.: 6.997 min
Delta R.T.: -0.003 min
Response: 1887348
Conc: 5.46 ng/ml



#32 AR-1260-2

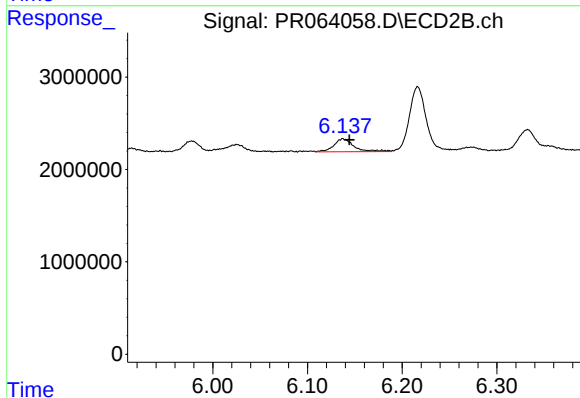
R.T.: 5.978 min
Delta R.T.: -0.004 min
Response: 1173006
Conc: 4.45 ng/ml



#33 AR-1260-3

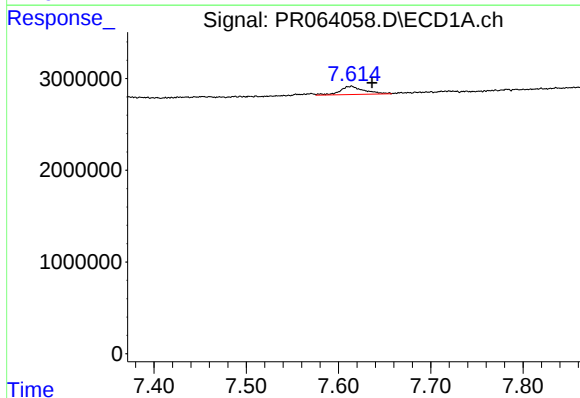
R.T.: 0.000 min
Exp R.T.: 7.393 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



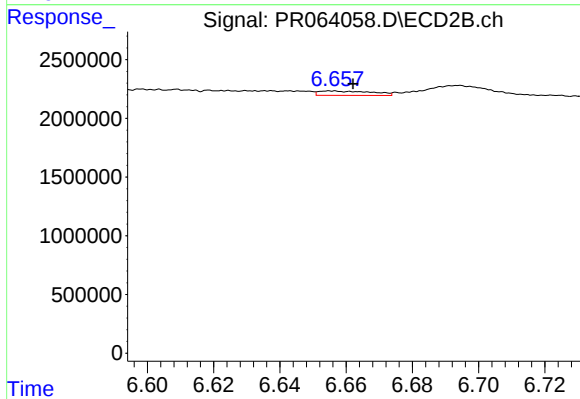
#33 AR-1260-3

R.T.: 6.138 min
Delta R.T.: -0.007 min
Response: 2069566
Conc: 8.18 ng/ml



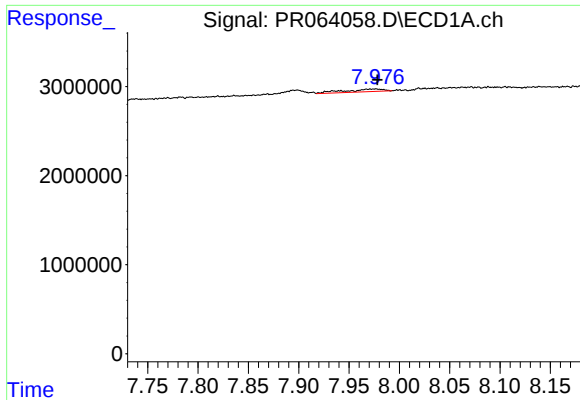
#34 AR-1260-4

R.T.: 7.614 min
Delta R.T.: -0.022 min
Response: 1660646
Conc: 5.88 ng/ml



#34 AR-1260-4

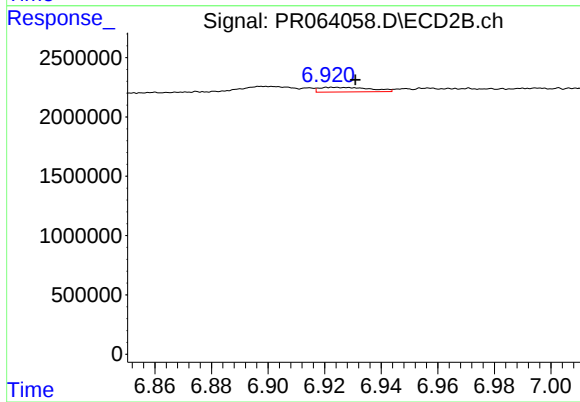
R.T.: 6.656 min
Delta R.T.: -0.007 min
Response: 417957
Conc: 2.12 ng/ml



#35 AR-1260-5

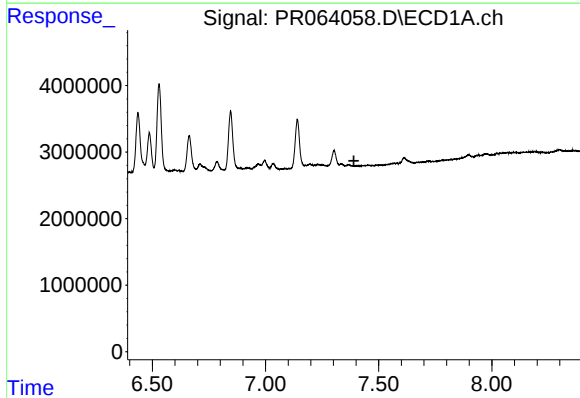
R.T.: 7.977 min
Delta R.T.: -0.002 min
Response: 766067
Conc: 1.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



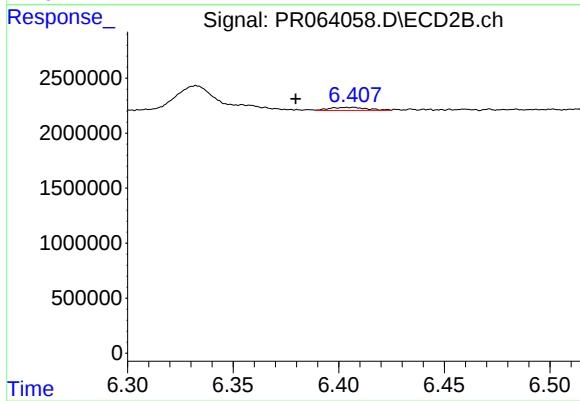
#35 AR-1260-5

R.T.: 6.923 min
Delta R.T.: -0.008 min
Response: 485162
Conc: 1.14 ng/ml



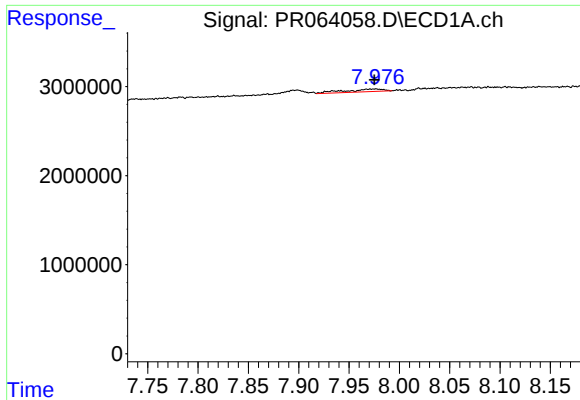
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.391 min
Response: 0
Conc: N.D.



#36 AR-1262-1

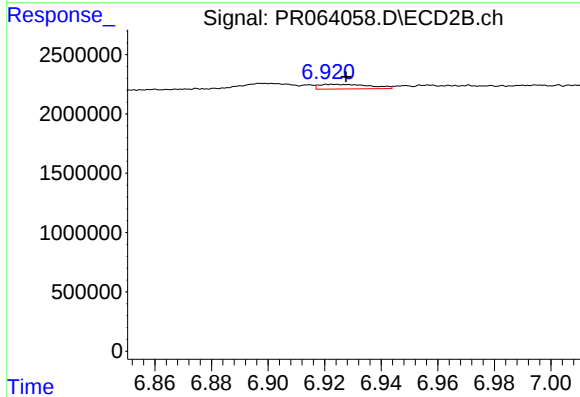
R.T.: 6.406 min
Delta R.T.: 0.027 min
Response: 350812
Conc: 1.21 ng/ml



#37 AR-1262-2

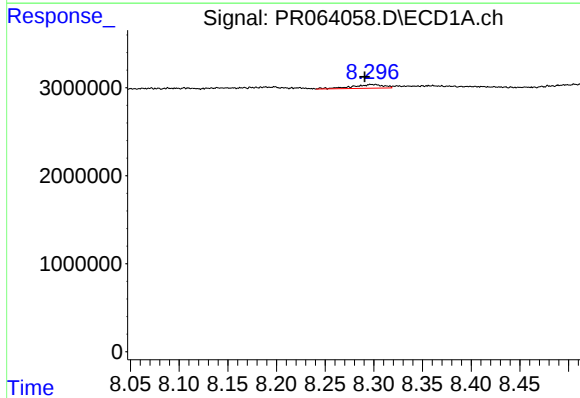
R.T.: 7.977 min
Delta R.T.: 0.001 min
Response: 766067
Conc: 1.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



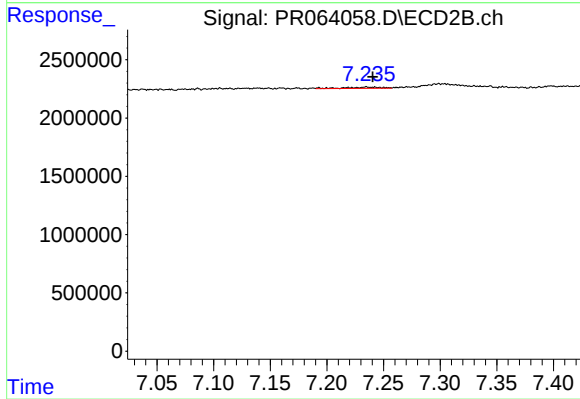
#37 AR-1262-2

R.T.: 6.923 min
Delta R.T.: -0.005 min
Response: 485162
Conc: 1.04 ng/ml



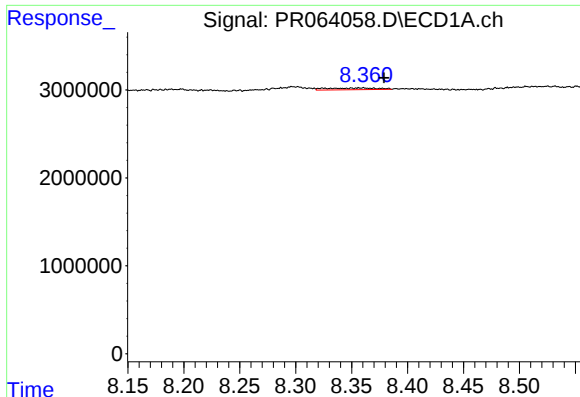
#38 AR-1262-3

R.T.: 8.302 min
Delta R.T.: 0.011 min
Response: 947627
Conc: 2.26 ng/ml



#38 AR-1262-3

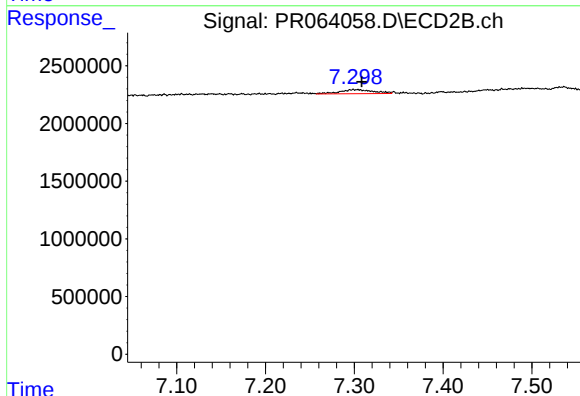
R.T.: 7.235 min
Delta R.T.: -0.005 min
Response: 243999
Conc: 1.34 ng/ml



#39 AR-1262-4

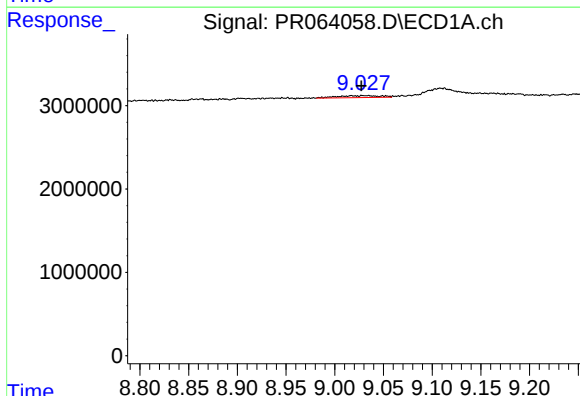
R.T.: 8.361 min
Delta R.T.: -0.018 min
Response: 626402
Conc: 1.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



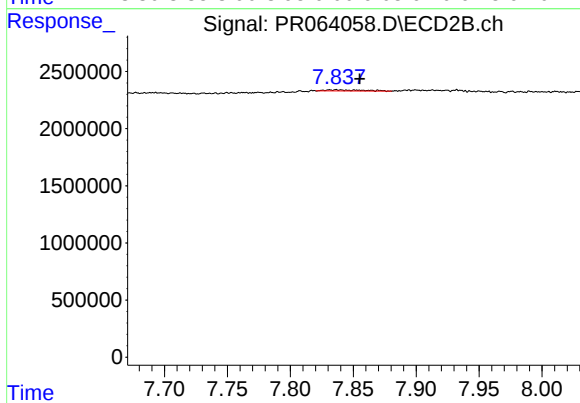
#39 AR-1262-4

R.T.: 7.299 min
Delta R.T.: -0.009 min
Response: 931372
Conc: 2.77 ng/ml



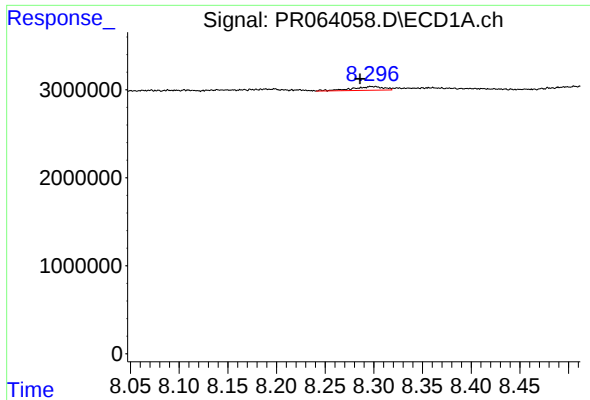
#40 AR-1262-5

R.T.: 9.035 min
Delta R.T.: 0.007 min
Response: 689857
Conc: 3.14 ng/ml



#40 AR-1262-5

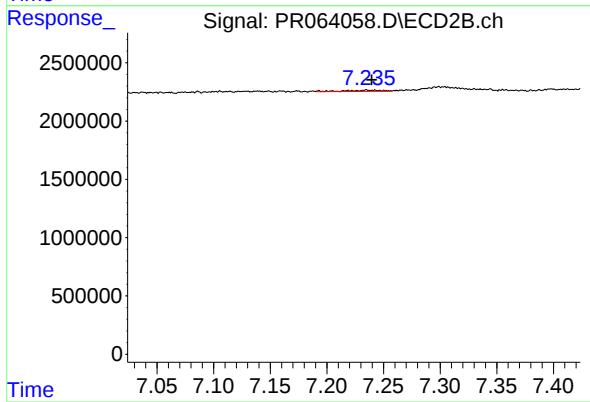
R.T.: 7.837 min
Delta R.T.: -0.018 min
Response: 185330
Conc: 1.27 ng/ml



#41 AR-1268-1

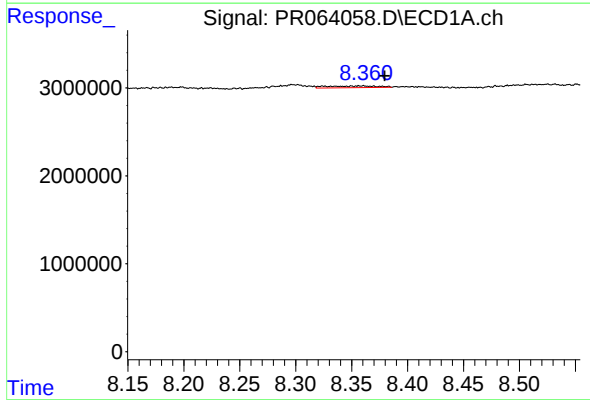
R.T.: 8.302 min
Delta R.T.: 0.016 min
Response: 947627
Conc: 1.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



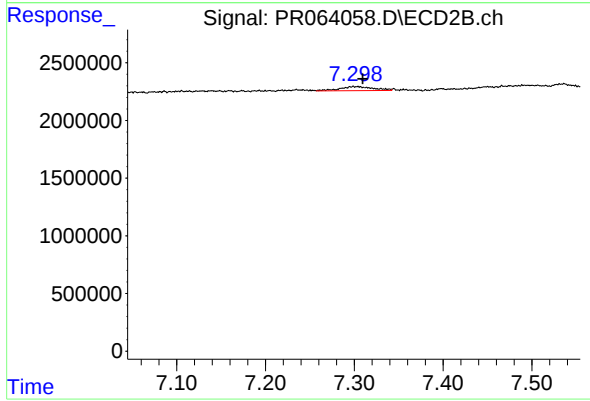
#41 AR-1268-1

R.T.: 7.235 min
Delta R.T.: -0.004 min
Response: 243999
Conc: 0.47 ng/ml



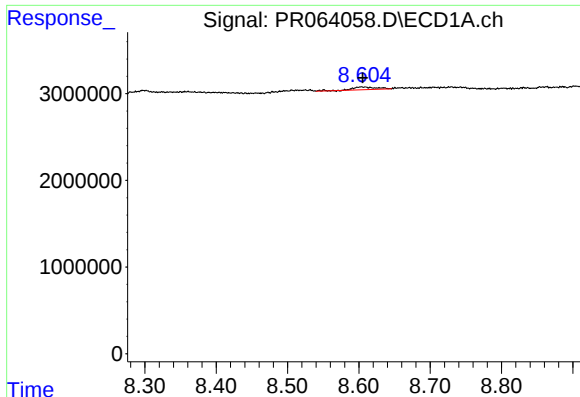
#42 AR-1268-2

R.T.: 8.361 min
Delta R.T.: -0.019 min
Response: 626402
Conc: 0.94 ng/ml



#42 AR-1268-2

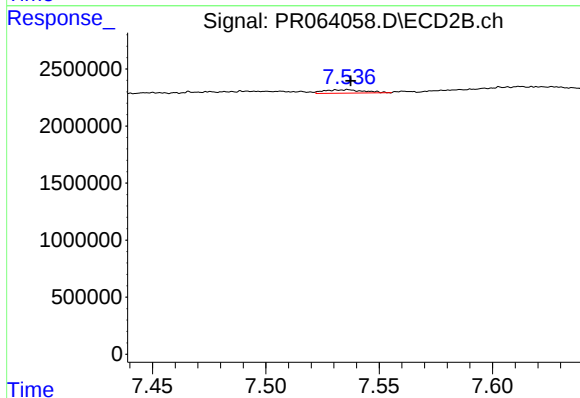
R.T.: 7.299 min
Delta R.T.: -0.011 min
Response: 931372
Conc: 1.97 ng/ml



#43 AR-1268-3

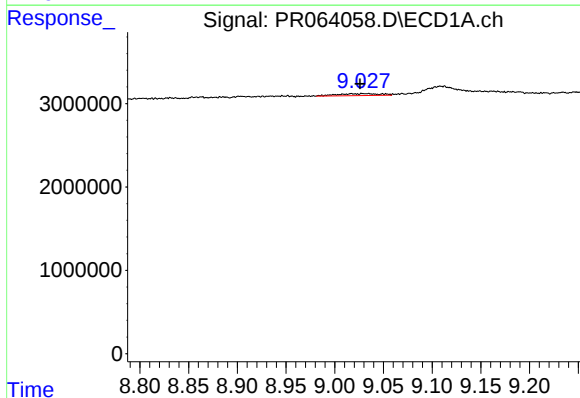
R.T.: 8.603 min
Delta R.T.: -0.002 min
Response: 713737
Conc: 1.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



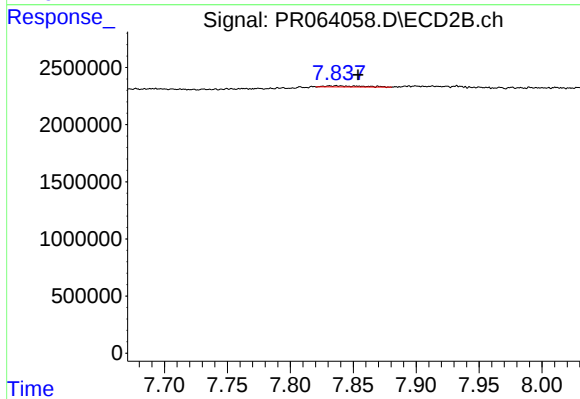
#43 AR-1268-3

R.T.: 7.536 min
Delta R.T.: -0.001 min
Response: 356667
Conc: 0.89 ng/ml



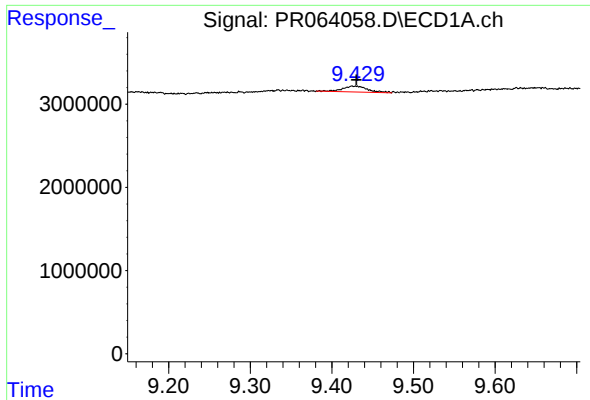
#44 AR-1268-4

R.T.: 9.035 min
Delta R.T.: 0.009 min
Response: 689857
Conc: 2.95 ng/ml



#44 AR-1268-4

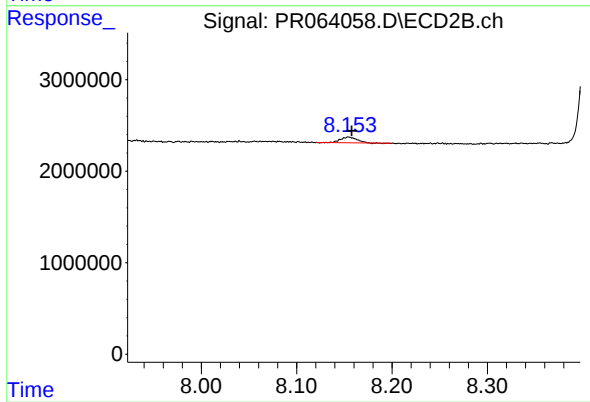
R.T.: 7.837 min
Delta R.T.: -0.017 min
Response: 185330
Conc: 1.14 ng/ml



#45 AR-1268-5

R.T.: 9.425 min
Delta R.T.: -0.005 min
Response: 1517249
Conc: 0.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.155 min
Delta R.T.: -0.003 min
Response: 721988
Conc: 0.62 ng/ml