

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR112921\
 Data File : PR052723.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Nov 2021 01:37
 Operator : AJ\MA
 Sample : M4068-07
 Misc : AR1262 LOD 25 PPB
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 30 06:38:36 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR112921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Nov 29 22:45:34 2021
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.685	3.853	73116404	59757647	22.182	21.885
2)	SA Decachlor...	10.619	8.857	79859646	76108950	24.641	23.545
Target Compounds							
3)	L1 AR-1016-1	0.000	4.939	0	701661	N.D.	7.220 #
4)	L1 AR-1016-2	5.926f	4.939	878222	701661	5.072	4.839
6)	L1 AR-1016-4	0.000	5.173	0	429707	N.D.	6.785 #
7)	L1 AR-1016-5	6.355	5.385	156408	233536	1.735	2.884 #
9)	L2 AR-1221-2	5.002	4.154	1269323	760478	37.686	29.575
10)	L2 AR-1221-3	5.076	0.000	346361	0	3.758	N.D. #
11)	L3 AR-1232-1	5.076	0.000	346361	0	4.429	N.D. #
12)	L3 AR-1232-2	0.000	4.939	0	701661	N.D.	10.962 #
15)	L3 AR-1232-5	6.134	5.385	143219	233536	4.514	7.086 #
16)	L4 AR-1242-1	0.000	4.939	0	701661	N.D.	9.713 #
17)	L4 AR-1242-2	5.926f	4.939	878222	701661	6.802	6.428
20)	L4 AR-1242-5	6.800	5.730	71897	670520	0.965	9.486 #
21)	L5 AR-1248-1	0.000	4.939	0	701661	N.D.	12.251 #
22)	L5 AR-1248-2	6.134	5.173	143219	429707	1.410	5.411 #
23)	L5 AR-1248-3	6.355	0.000	156408	0	1.388	N.D. #
24)	L5 AR-1248-4	6.762	5.385	78208	233536	0.617	2.355 #
25)	L5 AR-1248-5	6.800	0.000	71897	0	0.589	N.D. #
26)	L6 AR-1254-1	6.732	5.730	684698	670520	5.217	4.423
27)	L6 AR-1254-2	6.947	5.874	818832	664171	4.047	5.065 #
28)	L6 AR-1254-3	7.325	6.291	488094	2115899	2.302	9.585 #
29)	L6 AR-1254-4	7.607	6.499	697462	157975	4.416	1.160 #
30)	L6 AR-1254-5	8.026	6.915	4035129	2852230	22.895	13.726 #
31)	L7 AR-1260-1	7.481	6.404	3580989	3028253	23.059	21.278
32)	L7 AR-1260-2	7.735	6.589	4679187	3947776	25.076	22.739
33)	L7 AR-1260-3	8.096	6.745	5805997	3935355	39.620	23.324 #
34)	L7 AR-1260-4	8.339	7.212	5431034	5006949	31.865	32.966
35)	L7 AR-1260-5	8.676	7.450	10241044	10195948	30.839	27.834
36)	L8 AR-1262-1	8.096	6.915	5805997	2852230	28.630	26.328
37)	L8 AR-1262-2	8.676	7.450	10241044	10195948	28.011	26.215
38)	L8 AR-1262-3	9.004	7.733	4592081	4237845	28.049	26.573
39)	L8 AR-1262-4	9.105	7.796	2602962	7832115	22.781	25.954
40)	L8 AR-1262-5	9.815	8.295	4050988	4041764	28.960	27.970
41)	L9 AR-1268-1	9.004	7.733	4592081	4237845	10.269	8.961
42)	L9 AR-1268-2	9.105	7.796	2602962	7832115	6.331	17.590 #
43)	L9 AR-1268-3	9.347	7.998	582639	880827	1.653	2.281 #
44)	L9 AR-1268-4	9.815	8.295	4050988	4041764	25.407	24.786
45)	L9 AR-1268-5	10.257	8.594	2673994	2583079	2.302	2.072

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Integration File signal 2: autoint2.e
Quant Time: Nov 30 06:38:36 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR112921.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Nov 29 22:45:34 2021
Response via : Initial Calibration
Integrator: ChemStation

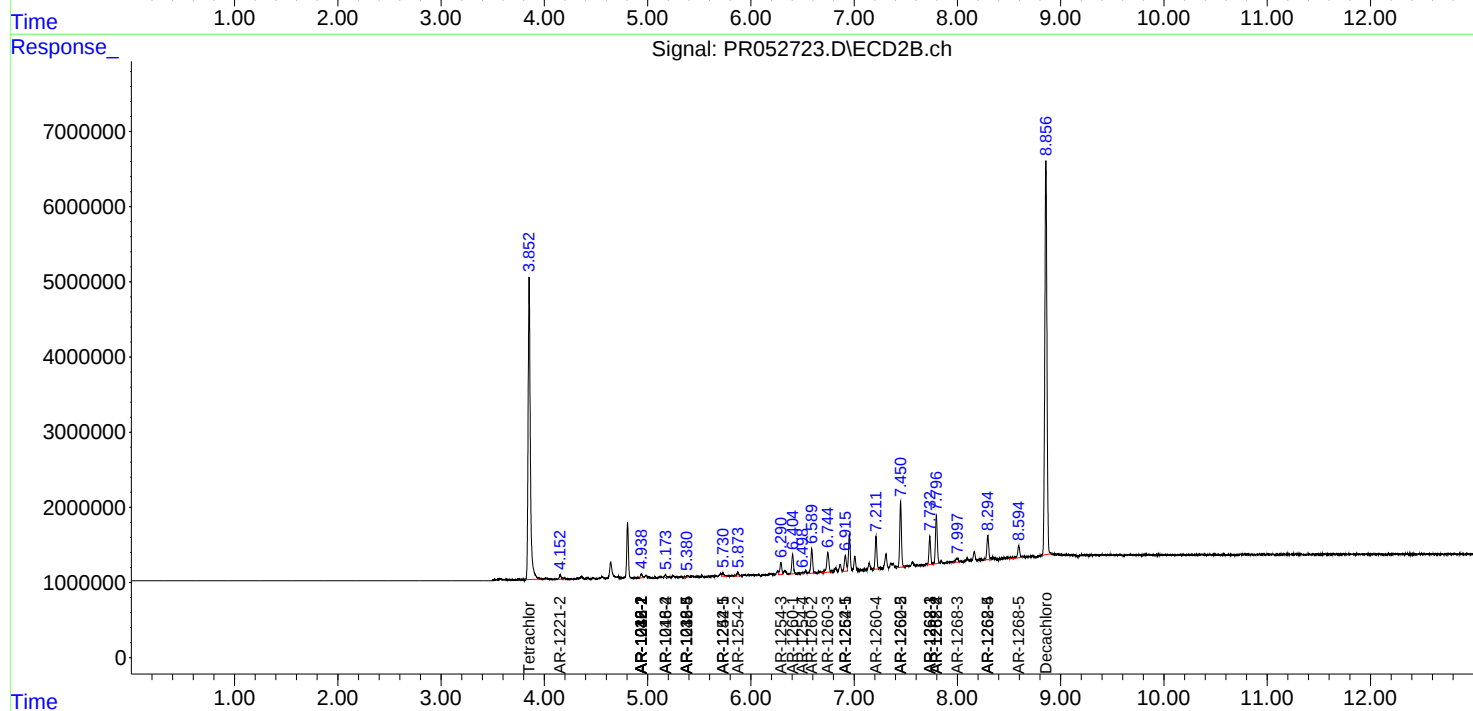
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

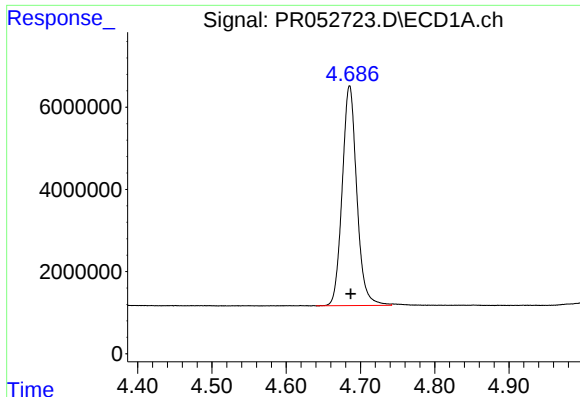
Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

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

Instrument :
ECD_R
ClientSampleId :

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

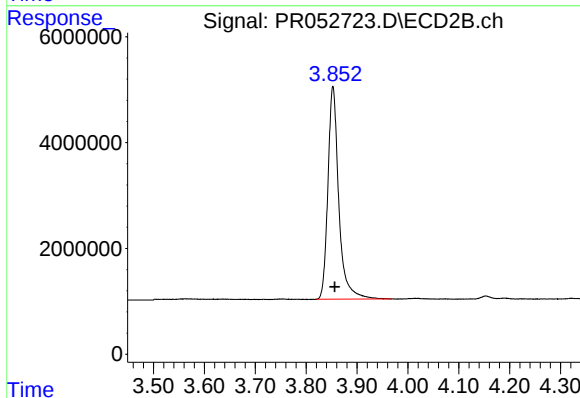




#1 Tetrachloro-m-xylene

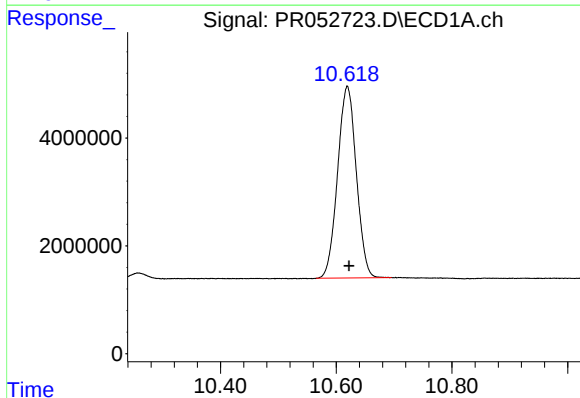
R.T.: 4.685 min
Delta R.T.: -0.002 min
Response: 73116404
Conc: 22.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



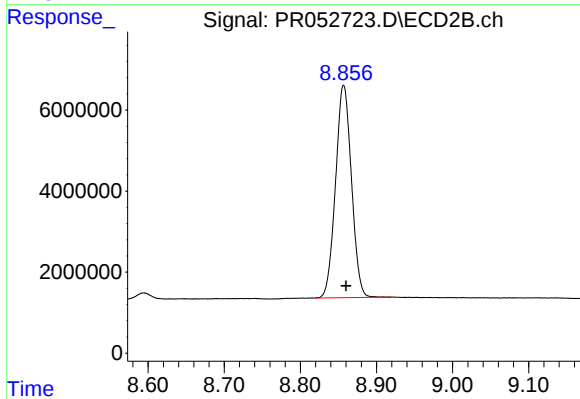
#1 Tetrachloro-m-xylene

R.T.: 3.853 min
Delta R.T.: -0.004 min
Response: 59757647
Conc: 21.89 ng/ml



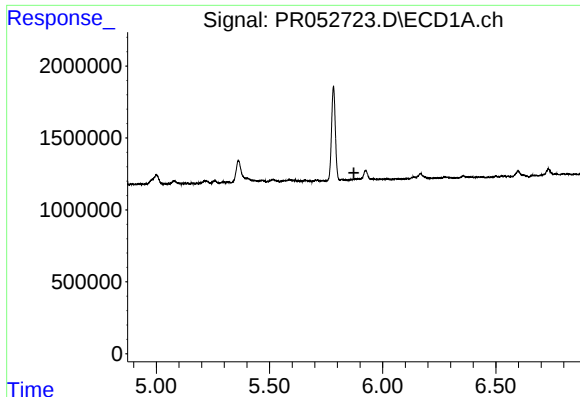
#2 Decachlorobiphenyl

R.T.: 10.619 min
Delta R.T.: -0.003 min
Response: 79859646
Conc: 24.64 ng/ml



#2 Decachlorobiphenyl

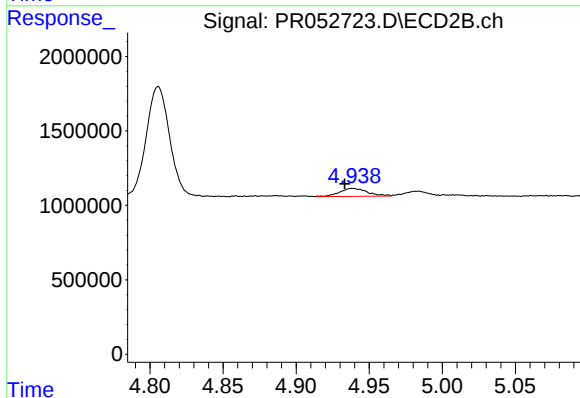
R.T.: 8.857 min
Delta R.T.: -0.003 min
Response: 76108950
Conc: 23.55 ng/ml



#3 AR-1016-1

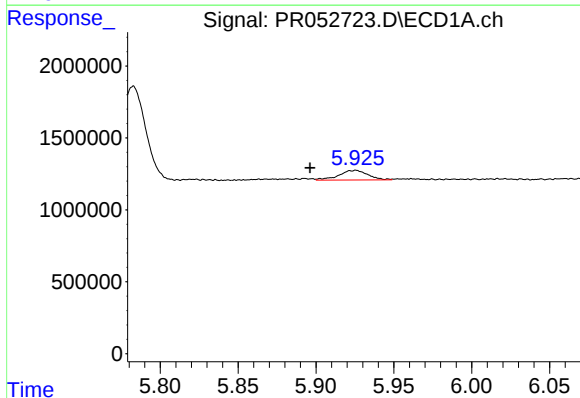
R.T.: 0.000 min
Exp R.T.: 5.873 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



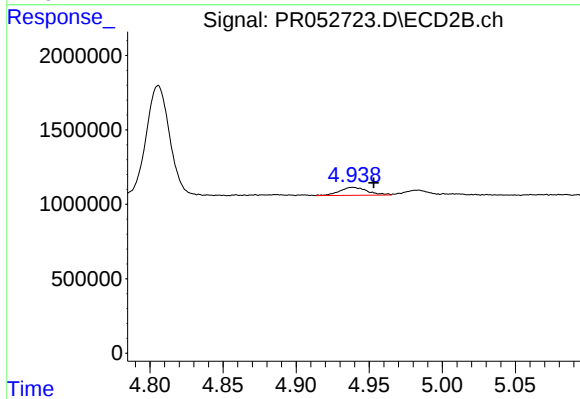
#3 AR-1016-1

R.T.: 4.939 min
Delta R.T.: 0.005 min
Response: 701661
Conc: 7.22 ng/ml



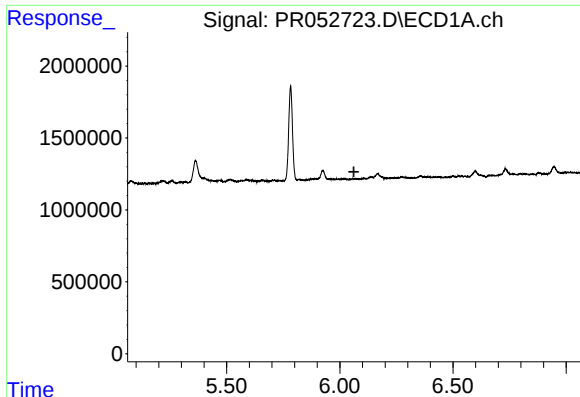
#4 AR-1016-2

R.T.: 5.926 min
Delta R.T.: 0.029 min
Response: 878222
Conc: 5.07 ng/ml



#4 AR-1016-2

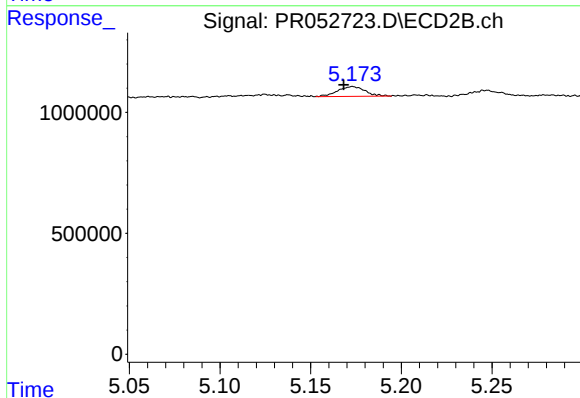
R.T.: 4.939 min
Delta R.T.: -0.015 min
Response: 701661
Conc: 4.84 ng/ml



#6 AR-1016-4

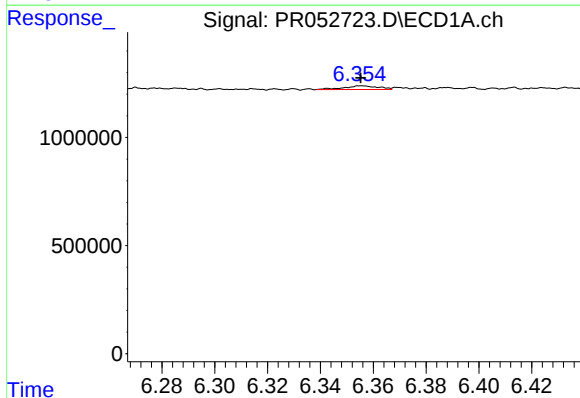
R.T.: 0.000 min
Exp R.T.: 6.062 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



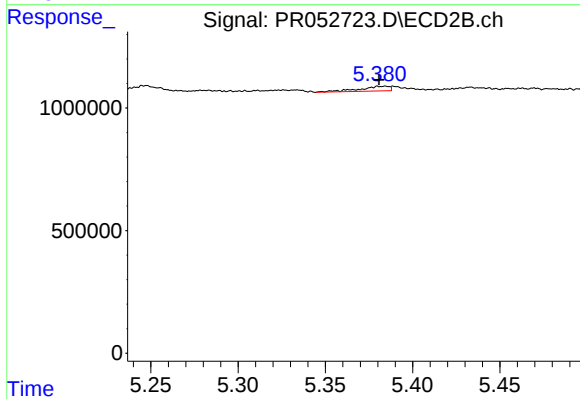
#6 AR-1016-4

R.T.: 5.173 min
Delta R.T.: 0.005 min
Response: 429707
Conc: 6.79 ng/ml



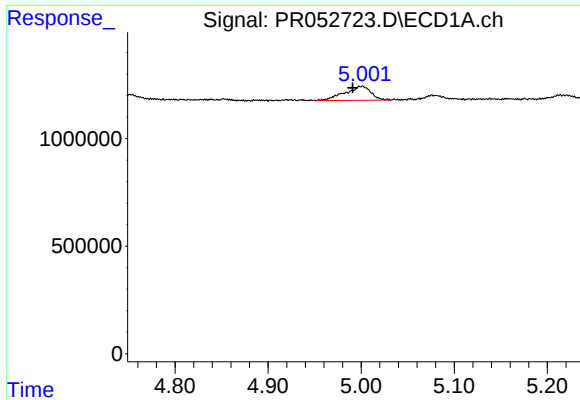
#7 AR-1016-5

R.T.: 6.355 min
Delta R.T.: 0.000 min
Response: 156408
Conc: 1.74 ng/ml



#7 AR-1016-5

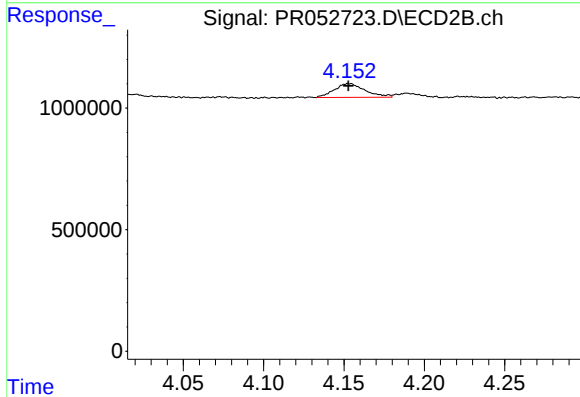
R.T.: 5.385 min
Delta R.T.: 0.004 min
Response: 233536
Conc: 2.88 ng/ml



#9 AR-1221-2

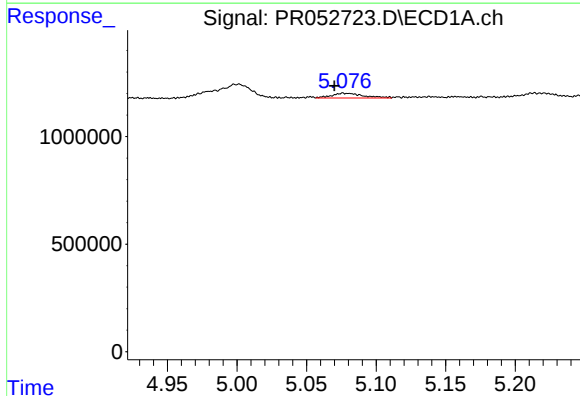
R.T.: 5.002 min
Delta R.T.: 0.011 min
Response: 1269323
Conc: 37.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



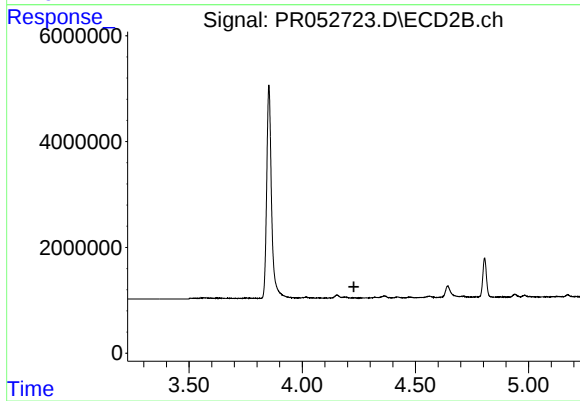
#9 AR-1221-2

R.T.: 4.154 min
Delta R.T.: 0.002 min
Response: 760478
Conc: 29.58 ng/ml



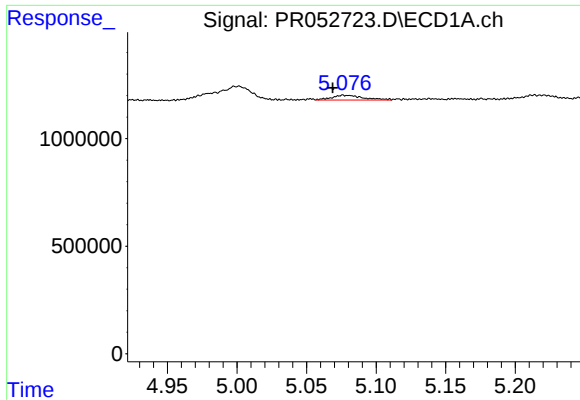
#10 AR-1221-3

R.T.: 5.076 min
Delta R.T.: 0.006 min
Response: 346361
Conc: 3.76 ng/ml



#10 AR-1221-3

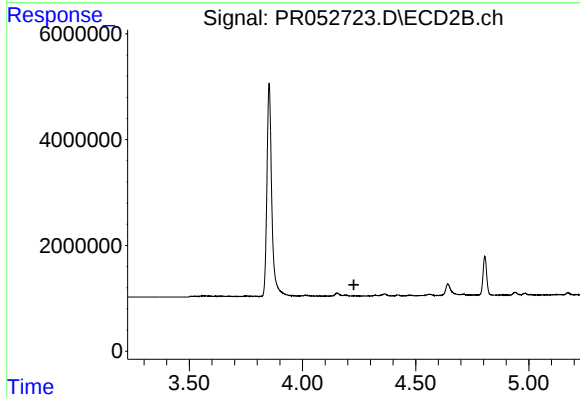
R.T.: 0.000 min
Exp R.T. : 4.228 min
Response: 0
Conc: N.D.



#11 AR-1232-1

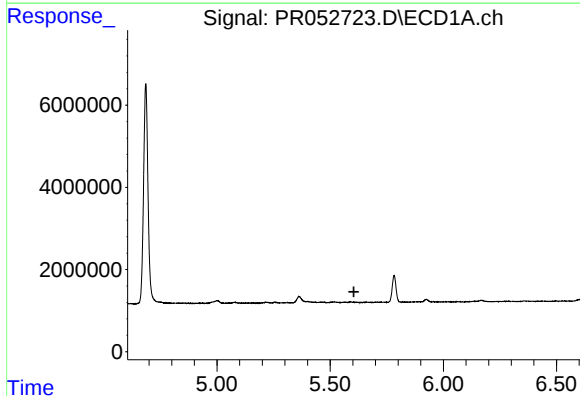
R.T.: 5.076 min
Delta R.T.: 0.007 min
Response: 346361
Conc: 4.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



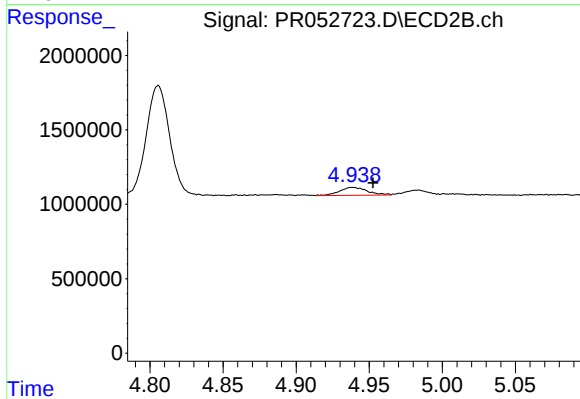
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.227 min
Response: 0
Conc: N.D.



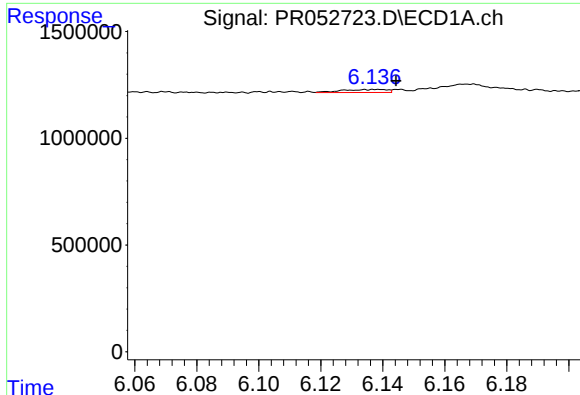
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.605 min
Response: 0
Conc: N.D.



#12 AR-1232-2

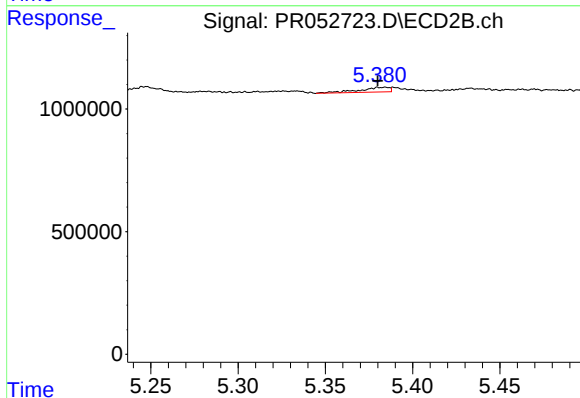
R.T.: 4.939 min
Delta R.T.: -0.014 min
Response: 701661
Conc: 10.96 ng/ml



#15 AR-1232-5

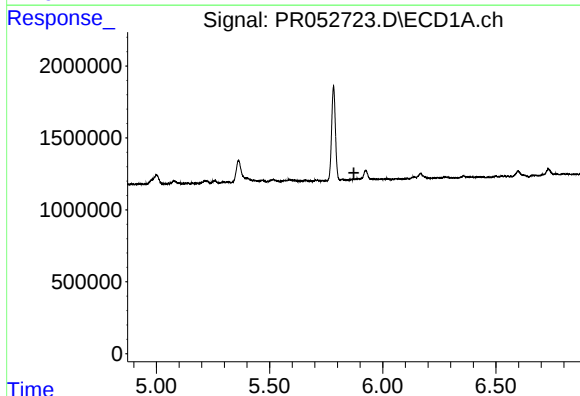
R.T.: 6.134 min
Delta R.T.: -0.010 min
Response: 143219
Conc: 4.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



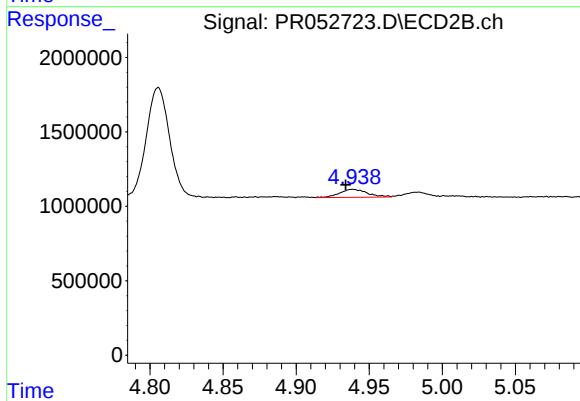
#15 AR-1232-5

R.T.: 5.385 min
Delta R.T.: 0.005 min
Response: 233536
Conc: 7.09 ng/ml



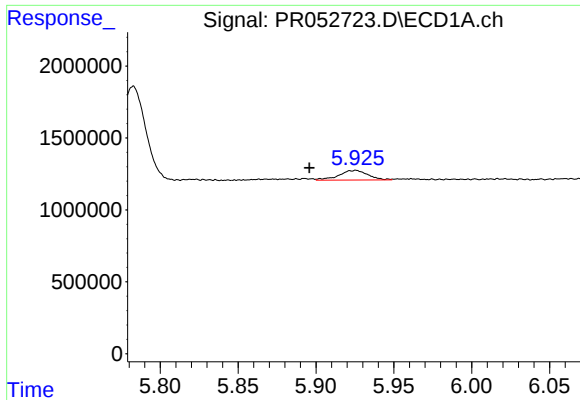
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.872 min
Response: 0
Conc: N.D.



#16 AR-1242-1

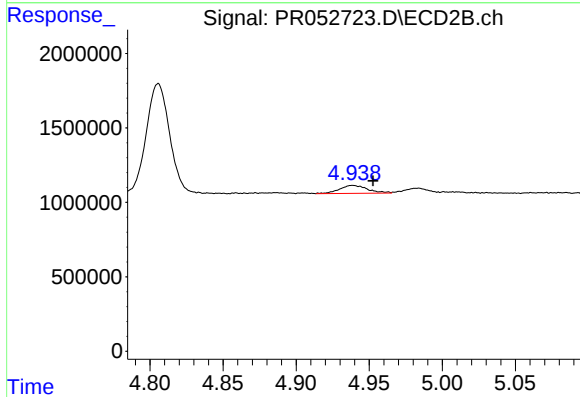
R.T.: 4.939 min
Delta R.T.: 0.005 min
Response: 701661
Conc: 9.71 ng/ml



#17 AR-1242-2

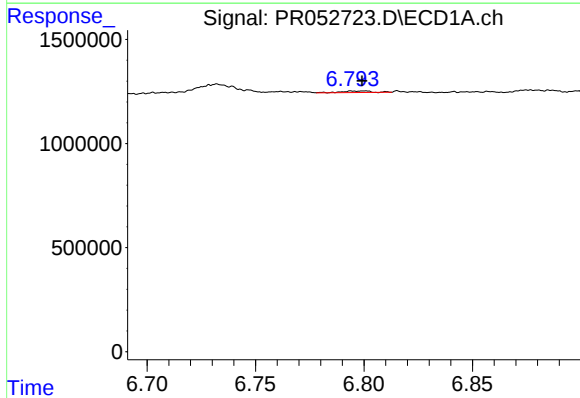
R.T.: 5.926 min
Delta R.T.: 0.030 min
Response: 878222
Conc: 6.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



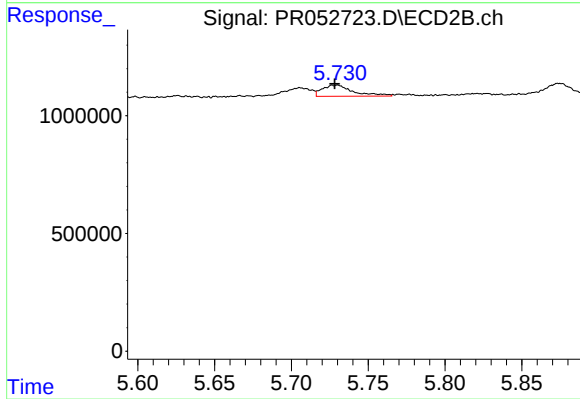
#17 AR-1242-2

R.T.: 4.939 min
Delta R.T.: -0.014 min
Response: 701661
Conc: 6.43 ng/ml



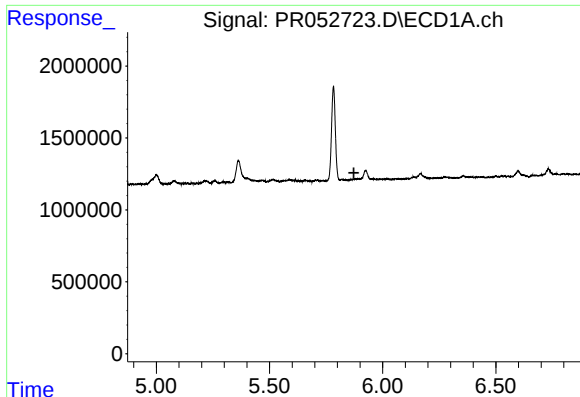
#20 AR-1242-5

R.T.: 6.800 min
Delta R.T.: 0.001 min
Response: 71897
Conc: 0.97 ng/ml



#20 AR-1242-5

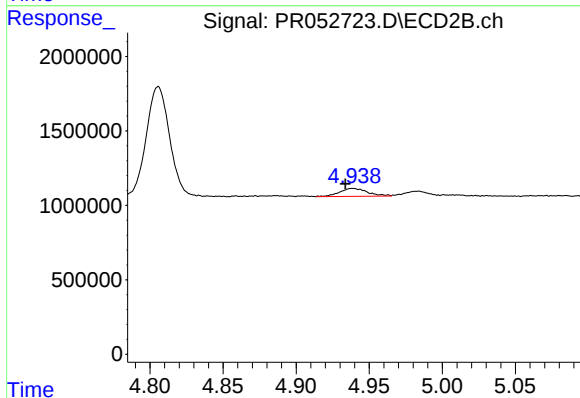
R.T.: 5.730 min
Delta R.T.: 0.002 min
Response: 670520
Conc: 9.49 ng/ml



#21 AR-1248-1

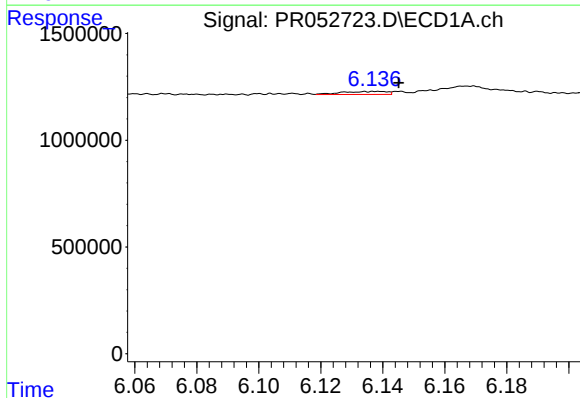
R.T.: 0.000 min
Exp R.T.: 5.873 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



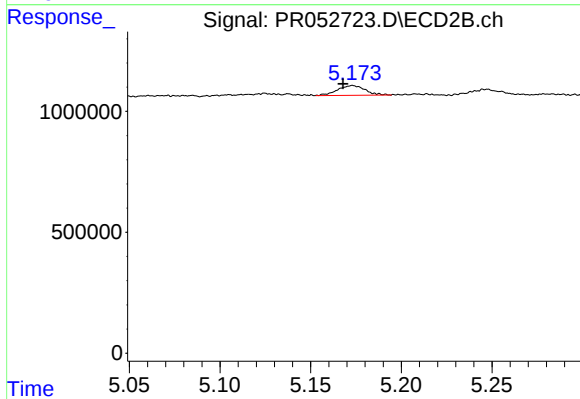
#21 AR-1248-1

R.T.: 4.939 min
Delta R.T.: 0.005 min
Response: 701661
Conc: 12.25 ng/ml



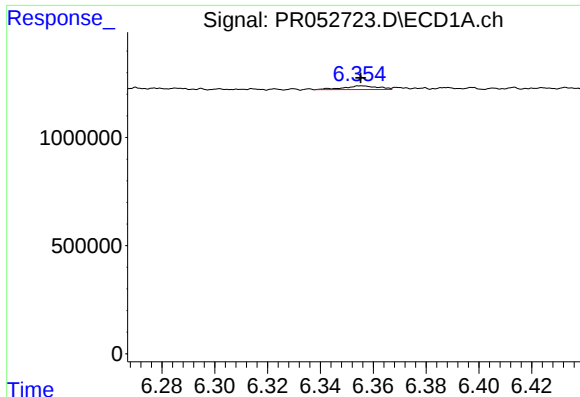
#22 AR-1248-2

R.T.: 6.134 min
Delta R.T.: -0.011 min
Response: 143219
Conc: 1.41 ng/ml



#22 AR-1248-2

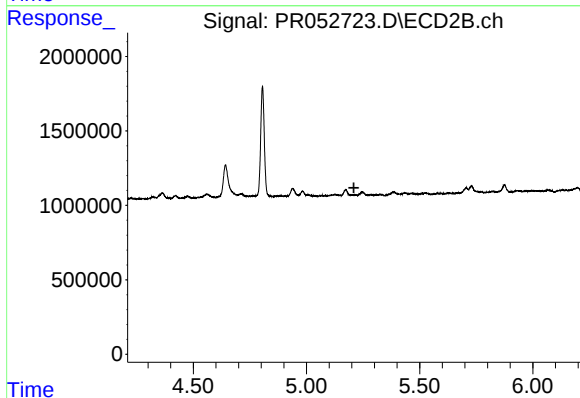
R.T.: 5.173 min
Delta R.T.: 0.005 min
Response: 429707
Conc: 5.41 ng/ml



#23 AR-1248-3

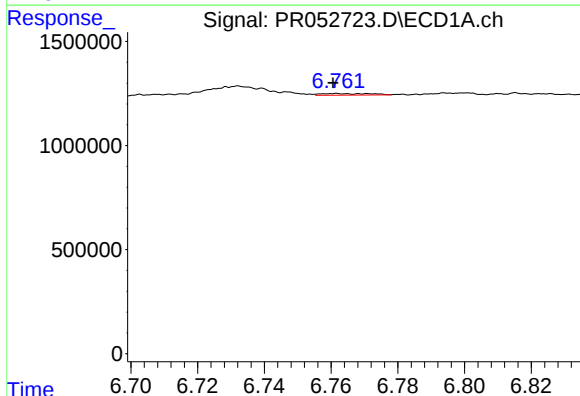
R.T.: 6.355 min
Delta R.T.: 0.000 min
Response: 156408
Conc: 1.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



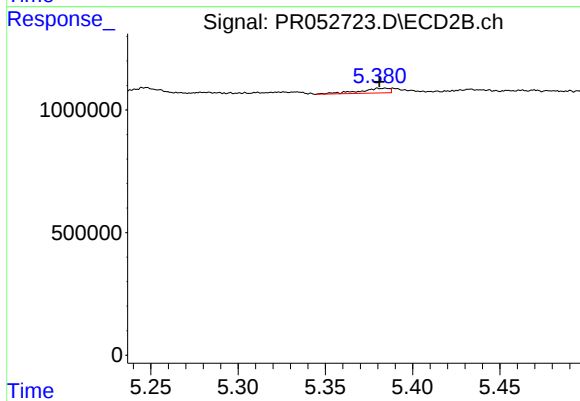
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.210 min
Response: 0
Conc: N.D.



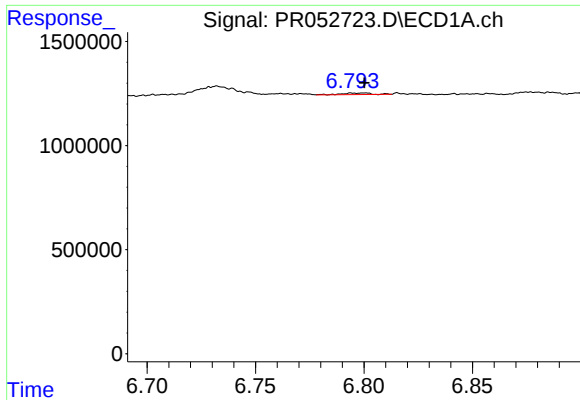
#24 AR-1248-4

R.T.: 6.762 min
Delta R.T.: 0.001 min
Response: 78208
Conc: 0.62 ng/ml



#24 AR-1248-4

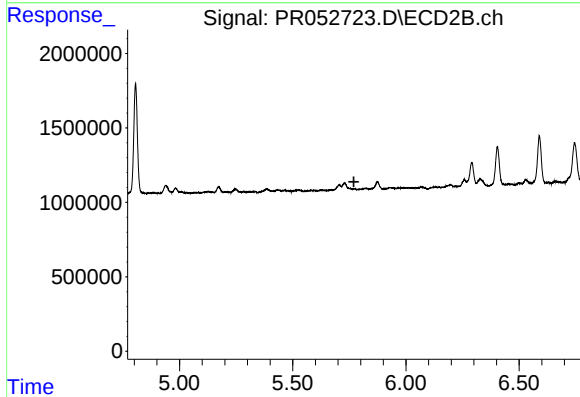
R.T.: 5.385 min
Delta R.T.: 0.004 min
Response: 233536
Conc: 2.35 ng/ml



#25 AR-1248-5

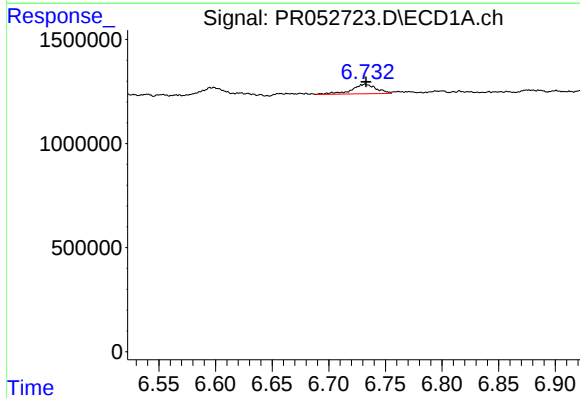
R.T.: 6.800 min
Delta R.T.: 0.000 min
Response: 71897
Conc: 0.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



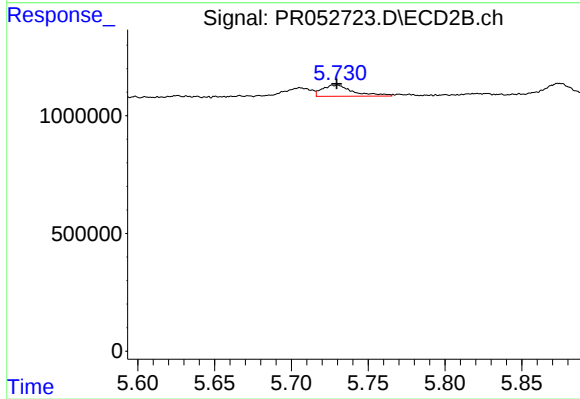
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.770 min
Response: 0
Conc: N.D.



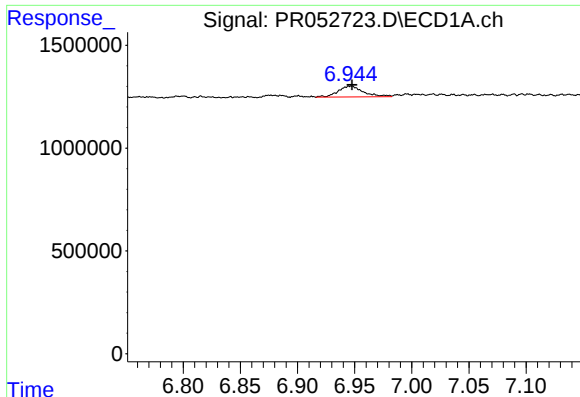
#26 AR-1254-1

R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 684698
Conc: 5.22 ng/ml



#26 AR-1254-1

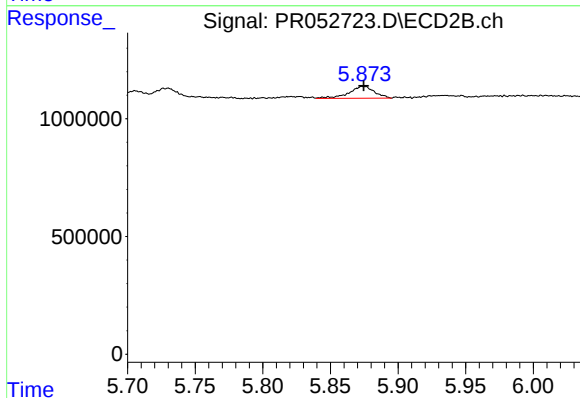
R.T.: 5.730 min
Delta R.T.: 0.000 min
Response: 670520
Conc: 4.42 ng/ml



#27 AR-1254-2

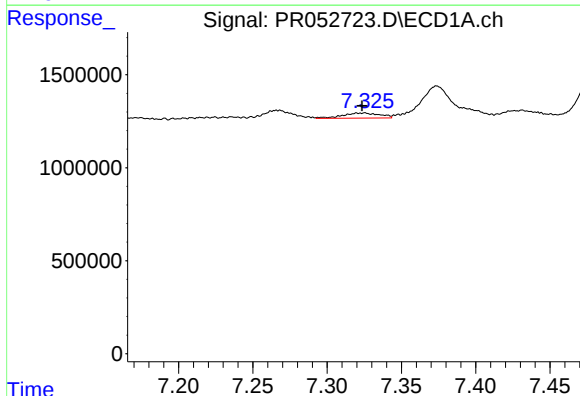
R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 818832
Conc: 4.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



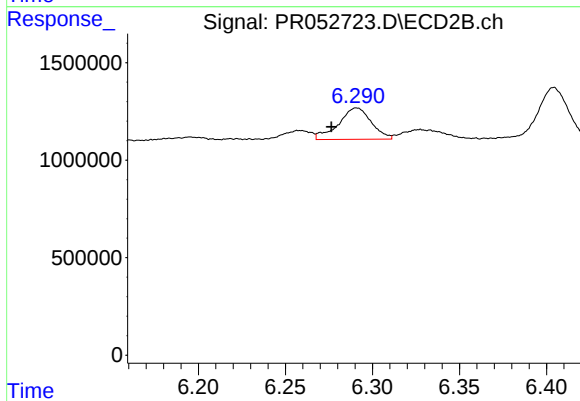
#27 AR-1254-2

R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 664171
Conc: 5.06 ng/ml



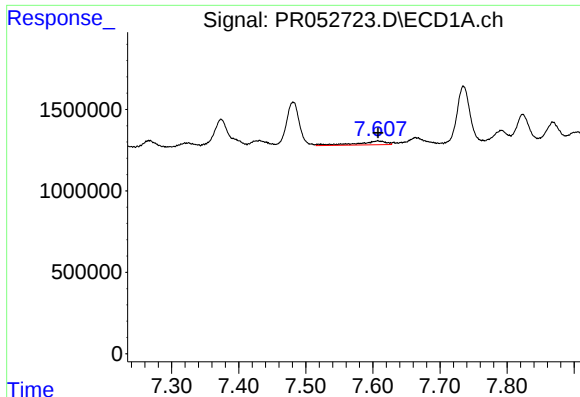
#28 AR-1254-3

R.T.: 7.325 min
Delta R.T.: 0.002 min
Response: 488094
Conc: 2.30 ng/ml



#28 AR-1254-3

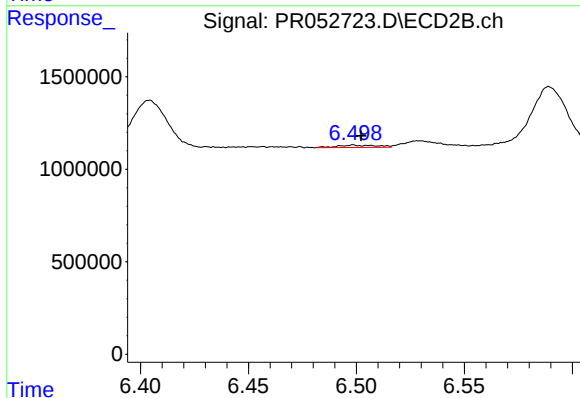
R.T.: 6.291 min
Delta R.T.: 0.014 min
Response: 2115899
Conc: 9.59 ng/ml



#29 AR-1254-4

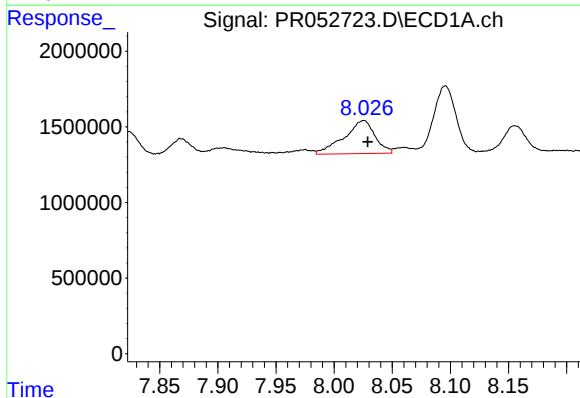
R.T.: 7.607 min
Delta R.T.: 0.000 min
Response: 697462
Conc: 4.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



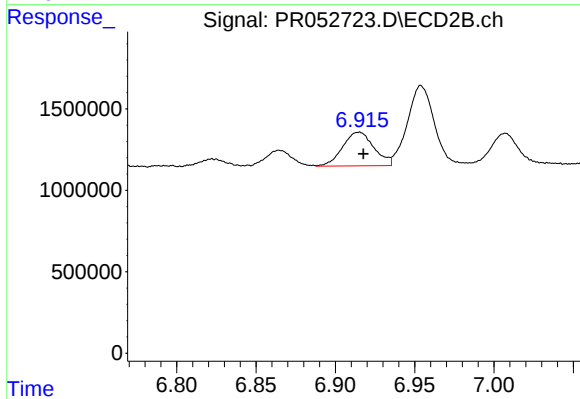
#29 AR-1254-4

R.T.: 6.499 min
Delta R.T.: -0.004 min
Response: 157975
Conc: 1.16 ng/ml



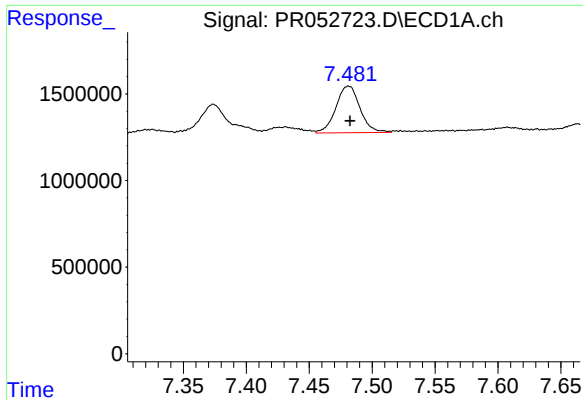
#30 AR-1254-5

R.T.: 8.026 min
Delta R.T.: -0.003 min
Response: 4035129
Conc: 22.90 ng/ml



#30 AR-1254-5

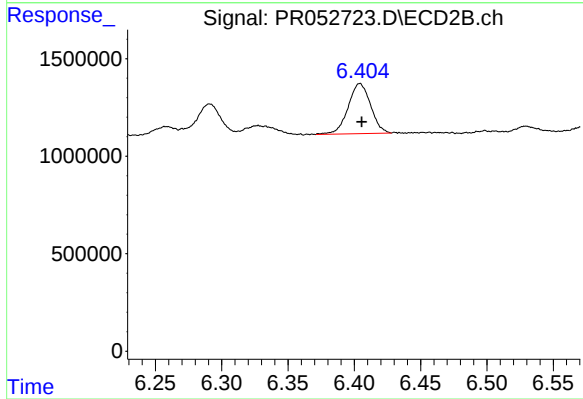
R.T.: 6.915 min
Delta R.T.: -0.003 min
Response: 2852230
Conc: 13.73 ng/ml



#31 AR-1260-1

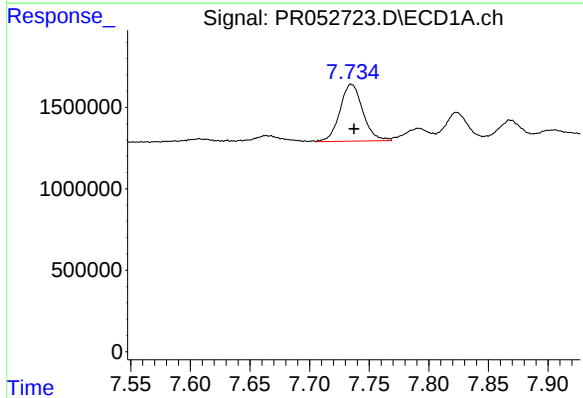
R.T.: 7.481 min
Delta R.T.: -0.001 min
Response: 3580989
Conc: 23.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



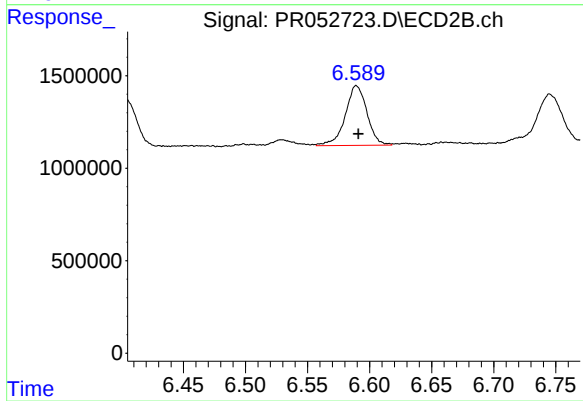
#31 AR-1260-1

R.T.: 6.404 min
Delta R.T.: -0.001 min
Response: 3028253
Conc: 21.28 ng/ml



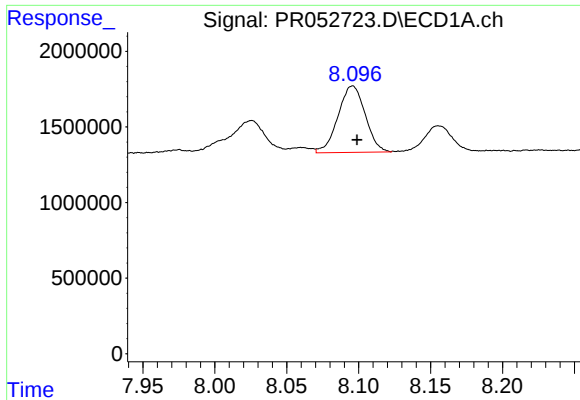
#32 AR-1260-2

R.T.: 7.735 min
Delta R.T.: -0.002 min
Response: 4679187
Conc: 25.08 ng/ml



#32 AR-1260-2

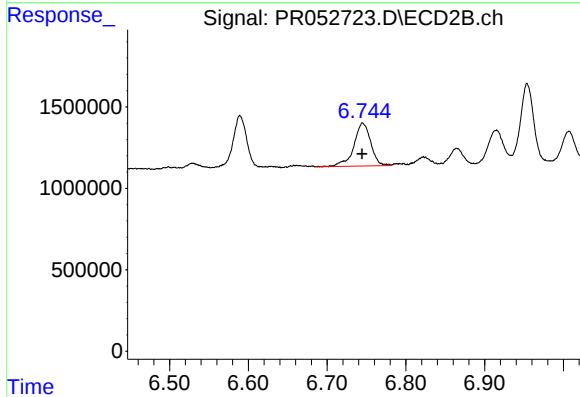
R.T.: 6.589 min
Delta R.T.: -0.002 min
Response: 3947776
Conc: 22.74 ng/ml



#33 AR-1260-3

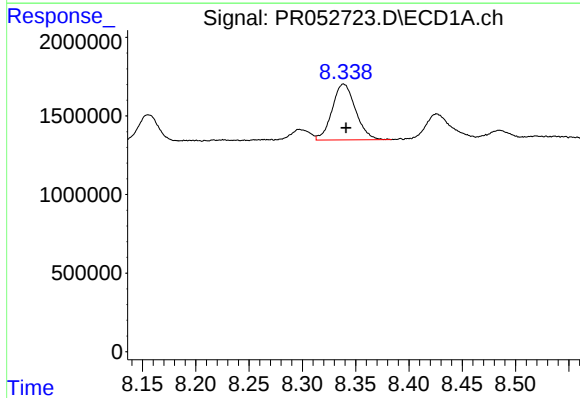
R.T.: 8.096 min
Delta R.T.: -0.003 min
Response: 5805997
Conc: 39.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



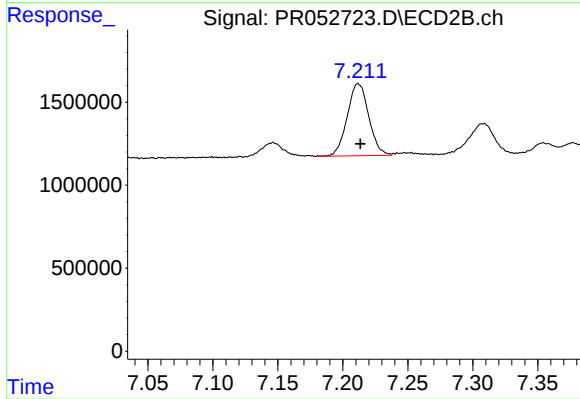
#33 AR-1260-3

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 3935355
Conc: 23.32 ng/ml



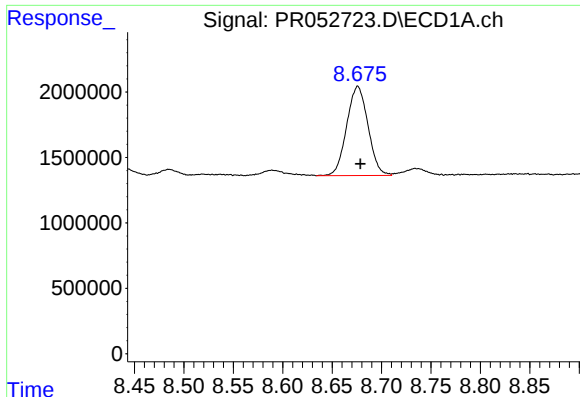
#34 AR-1260-4

R.T.: 8.339 min
Delta R.T.: -0.002 min
Response: 5431034
Conc: 31.86 ng/ml



#34 AR-1260-4

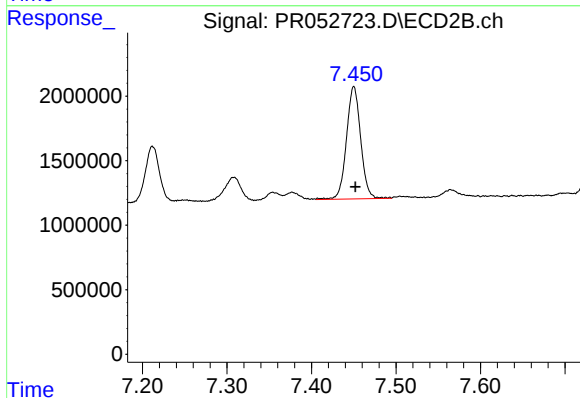
R.T.: 7.212 min
Delta R.T.: -0.002 min
Response: 5006949
Conc: 32.97 ng/ml



#35 AR-1260-5

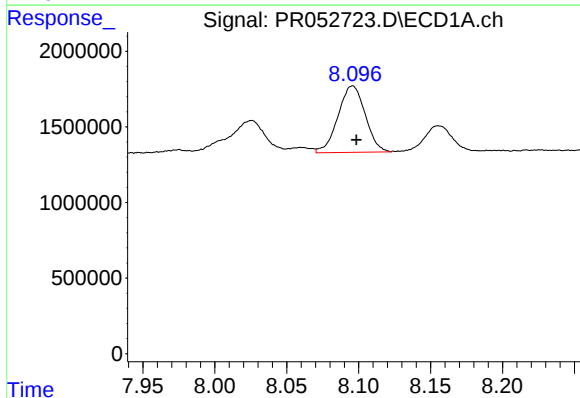
R.T.: 8.676 min
Delta R.T.: -0.003 min
Response: 10241044
Conc: 30.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



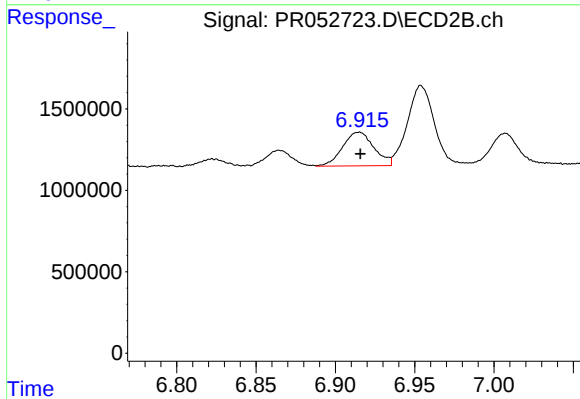
#35 AR-1260-5

R.T.: 7.450 min
Delta R.T.: -0.002 min
Response: 10195948
Conc: 27.83 ng/ml



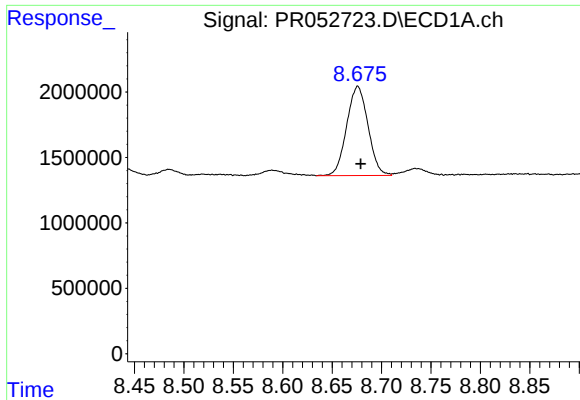
#36 AR-1262-1

R.T.: 8.096 min
Delta R.T.: -0.003 min
Response: 5805997
Conc: 28.63 ng/ml



#36 AR-1262-1

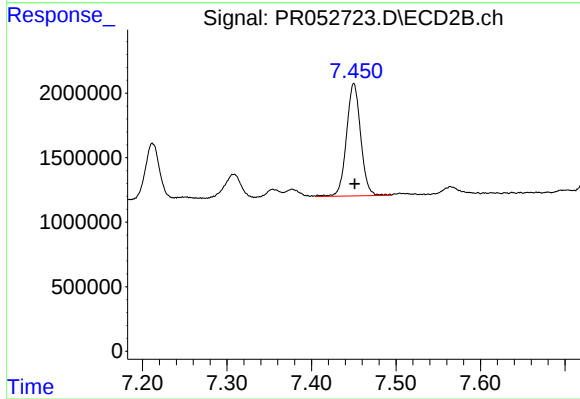
R.T.: 6.915 min
Delta R.T.: 0.000 min
Response: 2852230
Conc: 26.33 ng/ml



#37 AR-1262-2

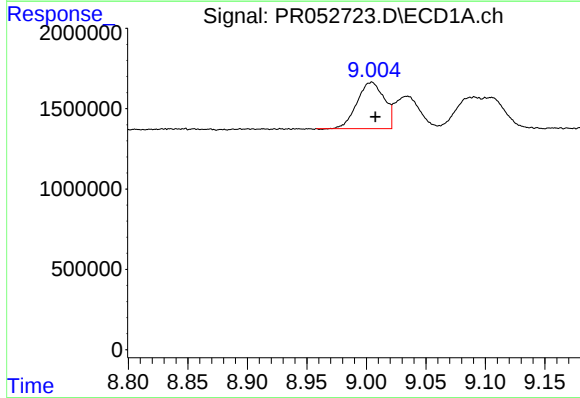
R.T.: 8.676 min
Delta R.T.: -0.003 min
Response: 10241044
Conc: 28.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



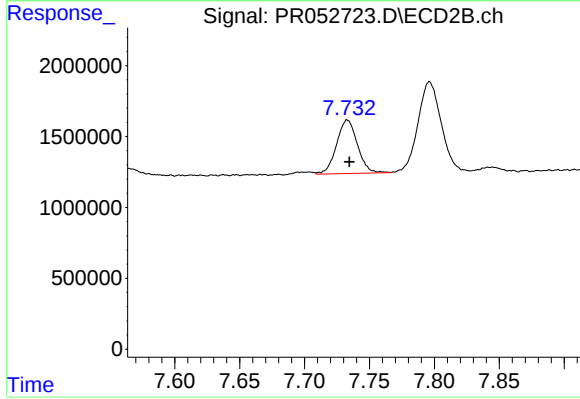
#37 AR-1262-2

R.T.: 7.450 min
Delta R.T.: -0.001 min
Response: 10195948
Conc: 26.22 ng/ml



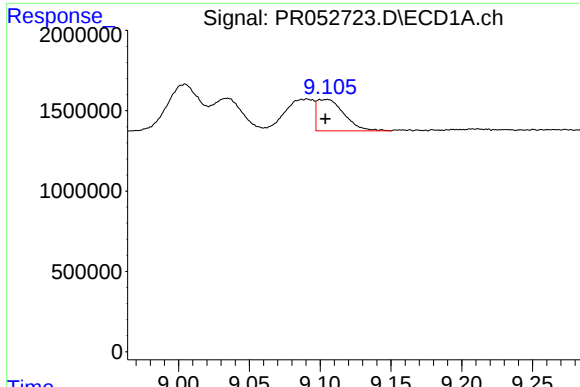
#38 AR-1262-3

R.T.: 9.004 min
Delta R.T.: -0.003 min
Response: 4592081
Conc: 28.05 ng/ml



#38 AR-1262-3

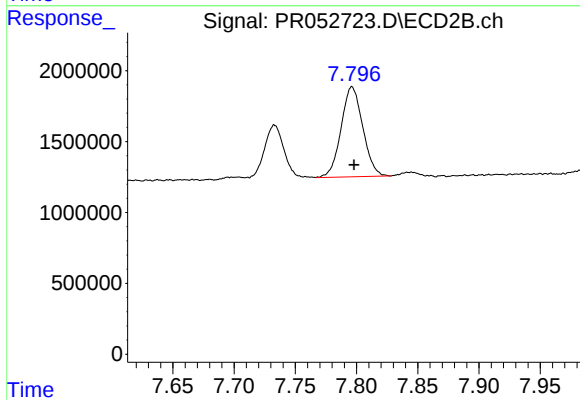
R.T.: 7.733 min
Delta R.T.: -0.002 min
Response: 4237845
Conc: 26.57 ng/ml



#39 AR-1262-4

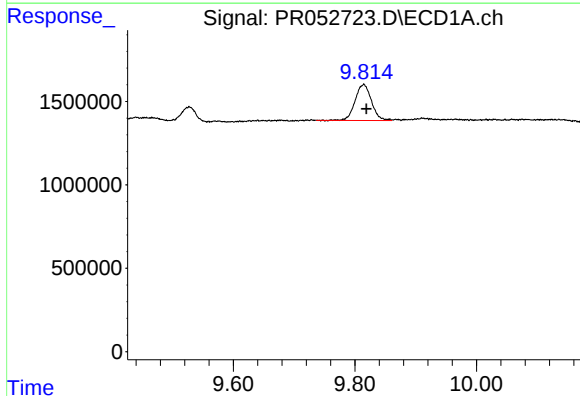
R.T.: 9.105 min
Delta R.T.: 0.001 min
Response: 2602962
Conc: 22.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



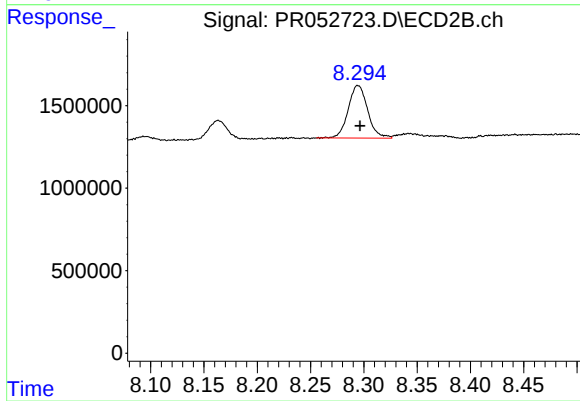
#39 AR-1262-4

R.T.: 7.796 min
Delta R.T.: -0.002 min
Response: 7832115
Conc: 25.95 ng/ml



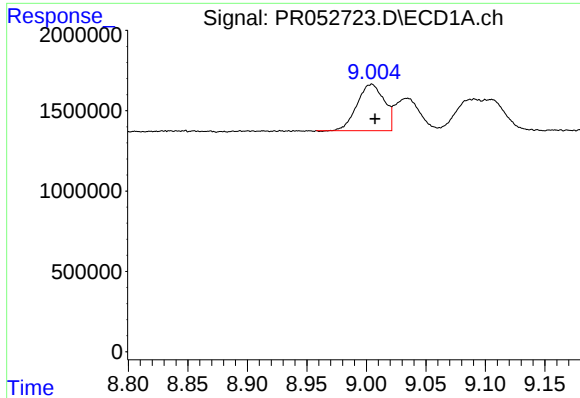
#40 AR-1262-5

R.T.: 9.815 min
Delta R.T.: -0.004 min
Response: 4050988
Conc: 28.96 ng/ml



#40 AR-1262-5

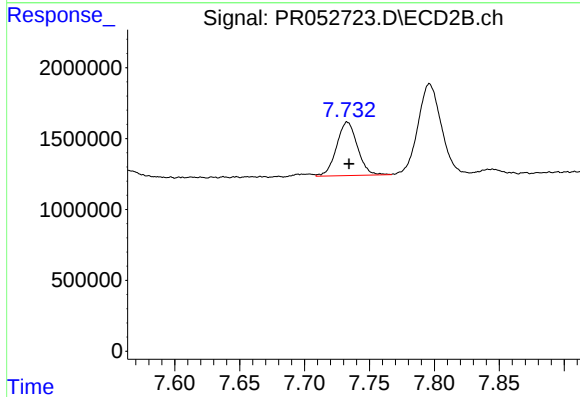
R.T.: 8.295 min
Delta R.T.: -0.002 min
Response: 4041764
Conc: 27.97 ng/ml



#41 AR-1268-1

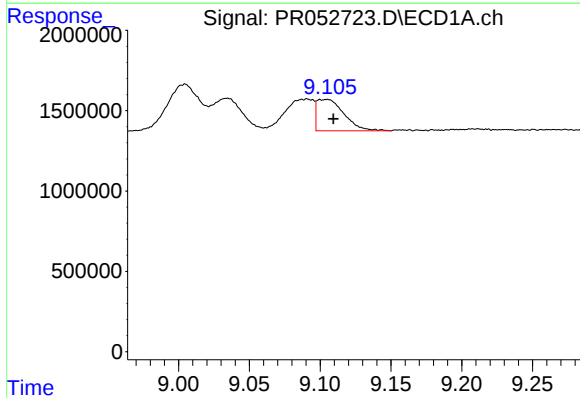
R.T.: 9.004 min
Delta R.T.: -0.003 min
Response: 4592081
Conc: 10.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



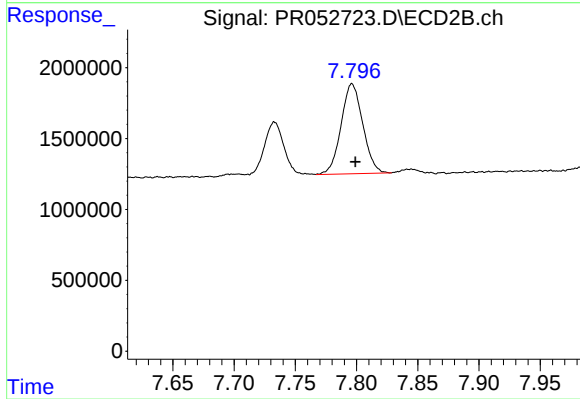
#41 AR-1268-1

R.T.: 7.733 min
Delta R.T.: -0.001 min
Response: 4237845
Conc: 8.96 ng/ml



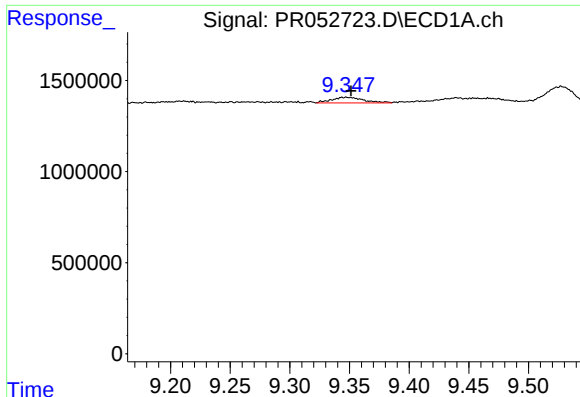
#42 AR-1268-2

R.T.: 9.105 min
Delta R.T.: -0.004 min
Response: 2602962
Conc: 6.33 ng/ml



#42 AR-1268-2

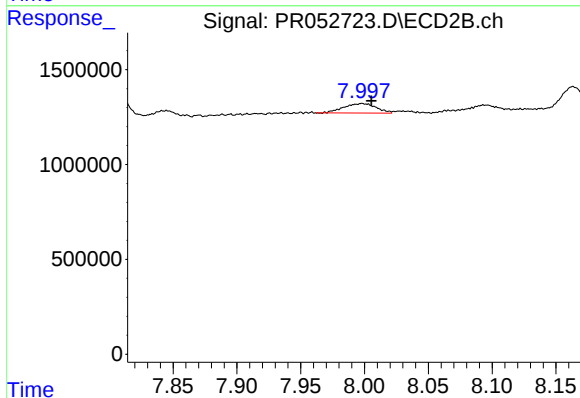
R.T.: 7.796 min
Delta R.T.: -0.003 min
Response: 7832115
Conc: 17.59 ng/ml



#43 AR-1268-3

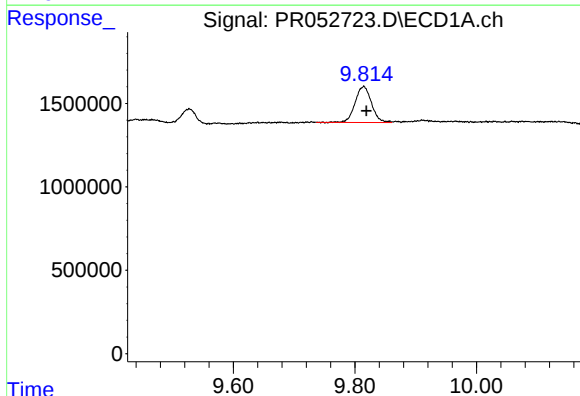
R.T.: 9.347 min
Delta R.T.: -0.004 min
Response: 582639
Conc: 1.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



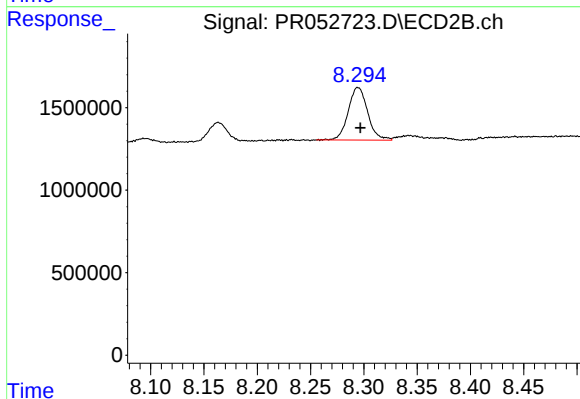
#43 AR-1268-3

R.T.: 7.998 min
Delta R.T.: -0.007 min
Response: 880827
Conc: 2.28 ng/ml



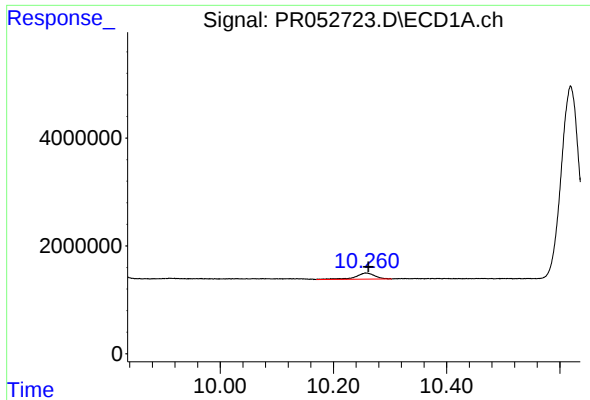
#44 AR-1268-4

R.T.: 9.815 min
Delta R.T.: -0.004 min
Response: 4050988
Conc: 25.41 ng/ml



#44 AR-1268-4

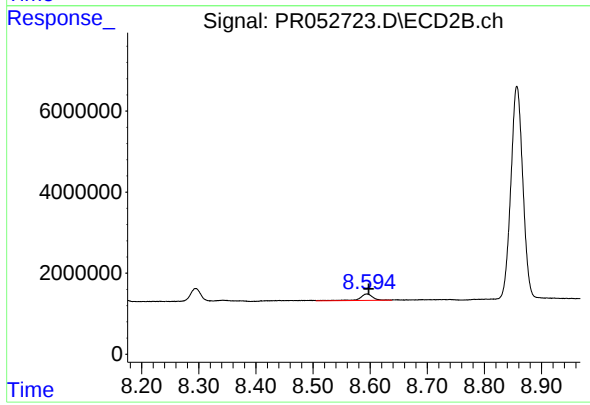
R.T.: 8.295 min
Delta R.T.: -0.002 min
Response: 4041764
Conc: 24.79 ng/ml



#45 AR-1268-5

R.T.: 10.257 min
Delta R.T.: -0.004 min
Response: 2673994
Conc: 2.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.594 min
Delta R.T.: -0.003 min
Response: 2583079
Conc: 2.07 ng/ml