

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR113021\
 Data File : PR052758.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Nov 2021 17:10
 Operator : AJ\MA
 Sample : M4068-02
 Misc : AR1248 LOQ 50 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: Nov 30 22:04:42 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	3.854	68923099	53629695	20.909	19.641
2)	SA Decachlor...	10.616	8.857	75510060	68331230	23.299	21.139
Target Compounds							
3)	L1 AR-1016-1	5.871	4.932	4283801	3519361	34.658	36.214
4)	L1 AR-1016-2	5.895	4.951	5094168	2967463	29.419	20.464 #
5)	L1 AR-1016-3	5.958	5.129	2374854	2223935	21.895	28.738 #
6)	L1 AR-1016-4	6.058	5.167	2628158	4806162	29.694	75.894 #
7)	L1 AR-1016-5	6.353	5.379	7167334	5896330	79.519	72.813
9)	L2 AR-1221-2	5.000	4.152	1172583	693626	34.814	26.975
10)	L2 AR-1221-3	5.069	4.225	525987	280972	5.707	3.530 #
11)	L3 AR-1232-1	5.069	4.225	525987	280972	6.726	4.207 #
12)	L3 AR-1232-2	5.603	4.951	1865908	2967463	44.660	46.362
13)	L3 AR-1232-3	5.895	5.129	5094168	2223935	66.423	64.624
14)	L3 AR-1232-4	6.058	5.208	2628158	4895534	66.419	158.464 #
15)	L3 AR-1232-5	6.142	5.379	6596835	5896330	207.913	178.918
16)	L4 AR-1242-1	5.871	4.932	4283801	3519361	44.694	48.719
17)	L4 AR-1242-2	5.895	4.951	5094168	2967463	39.453	27.184 #
18)	L4 AR-1242-3	5.958	5.129	2374854	2223935	28.687	37.508 #
19)	L4 AR-1242-4	6.058	5.208	2628158	4895534	38.548	84.561 #
20)	L4 AR-1242-5	6.797	5.726	7828310	8229938	105.115	116.431
21)	L5 AR-1248-1	5.871	4.932	4283801	3519361	60.105	61.446
22)	L5 AR-1248-2	6.142	5.167	6596835	4806162	64.962	60.521
23)	L5 AR-1248-3	6.353	5.208	7167334	4895534	63.610	58.072
24)	L5 AR-1248-4	6.758	5.379	8165214	5896330	64.457	59.457
25)	L5 AR-1248-5	6.797	5.768	7828310	5711319	64.155	58.458
26)	L6 AR-1254-1	6.729	5.726	6463556	8229938	49.247	54.282
27)	L6 AR-1254-2	6.960	5.874	8221749	2501303	40.637	19.074 #
28)	L6 AR-1254-3	7.321	6.275	4215383	3873930	19.883	17.549
29)	L6 AR-1254-4	7.606	6.500	3168775	2614212	20.065	19.191
30)	L6 AR-1254-5	8.026	6.915	1004347	1044960	5.699	5.029
31)	L7 AR-1260-1	7.483	6.419	456996	1823417	2.943	12.812 #
32)	L7 AR-1260-2	7.733	6.589	1080137	643469	5.789	3.706 #
33)	L7 AR-1260-3	8.084	6.741	221732	479546	1.513	2.842 #
34)	L7 AR-1260-4	8.333	0.000	854994	0	5.016	N.D. #
35)	L7 AR-1260-5	8.672	7.444	153513	714584	0.462	1.951 #
36)	L8 AR-1262-1	8.084	6.915	221732	1044960	1.093	9.646 #
37)	L8 AR-1262-2	8.672	7.444	153513	714584	0.420	1.837 #
38)	L8 AR-1262-3	0.000	7.728	0	133061	N.D.	0.834 #
39)	L8 AR-1262-4	0.000	7.801	0	294257	N.D.	0.975 #
40)	L8 AR-1262-5	9.819	0.000	210189	0	1.503	N.D. #
41)	L9 AR-1268-1	0.000	7.728	0	133061	N.D.	0.281 #
42)	L9 AR-1268-2	0.000	7.801	0	294257	N.D.	0.661 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR113021\
 Data File : PR052758.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Nov 2021 17:10
 Operator : AJ\MA
 Sample : M4068-02
 Misc : AR1248 LOQ 50 PPB
 ALS Vial : 28 Sample Multiplier: 1

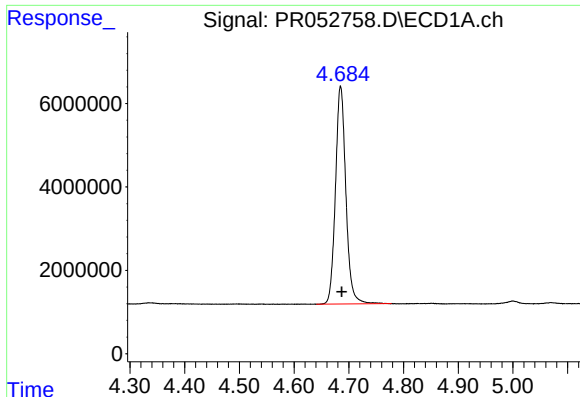
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 30 22:04:42 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
43) L9	AR-1268-3	9.352	8.027f	226608	146627	0.643	0.380 #
44) L9	AR-1268-4	9.819	0.000	210189	0	1.318	N.D. #
45) L9	AR-1268-5	10.259	8.594	735829	642724	0.634	0.515

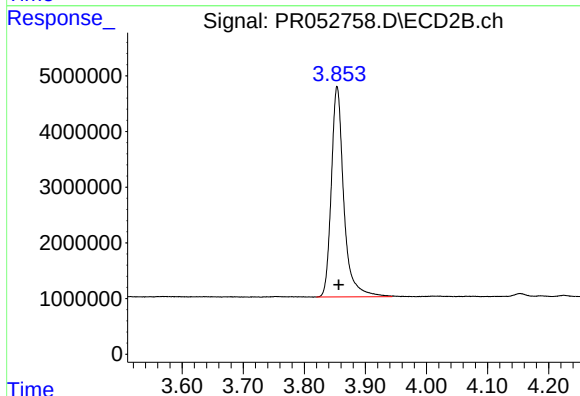
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

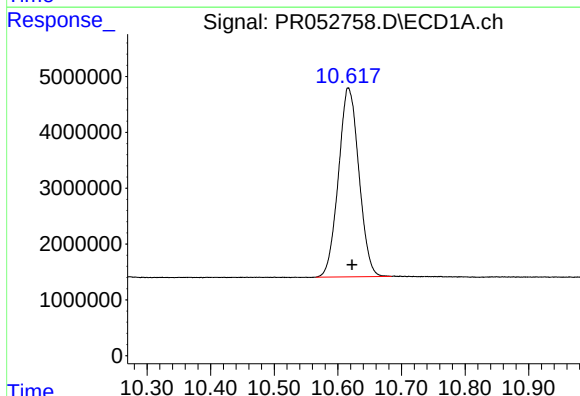
R.T.: 4.685 min
Delta R.T.: -0.002 min
Response: 68923099
Conc: 20.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



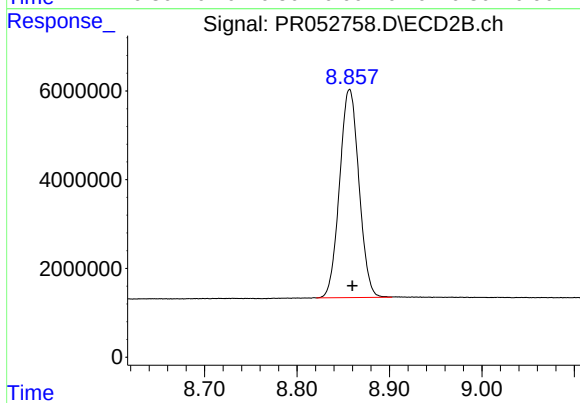
#1 Tetrachloro-m-xylene

R.T.: 3.854 min
Delta R.T.: -0.003 min
Response: 53629695
Conc: 19.64 ng/ml



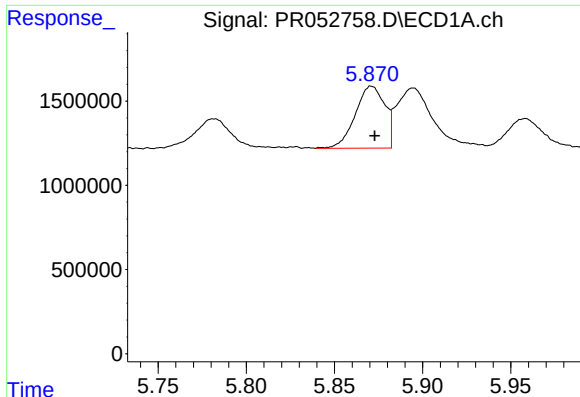
#2 Decachlorobiphenyl

R.T.: 10.616 min
Delta R.T.: -0.006 min
Response: 75510060
Conc: 23.30 ng/ml



#2 Decachlorobiphenyl

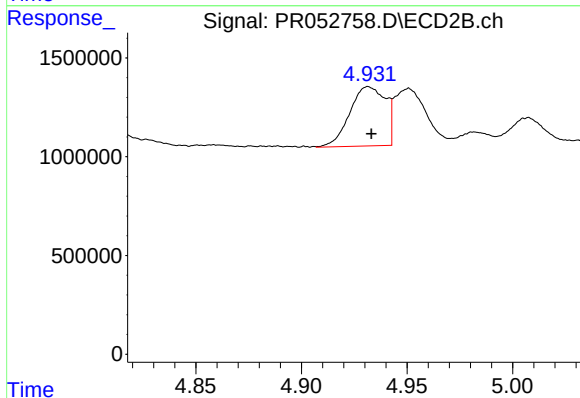
R.T.: 8.857 min
Delta R.T.: -0.003 min
Response: 68331230
Conc: 21.14 ng/ml



#3 AR-1016-1

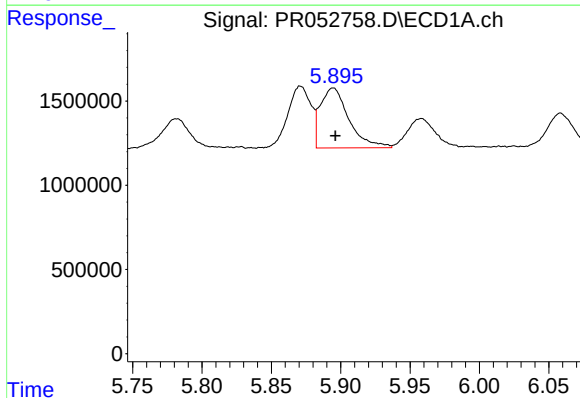
R.T.: 5.871 min
Delta R.T.: -0.002 min
Response: 4283801
Conc: 34.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



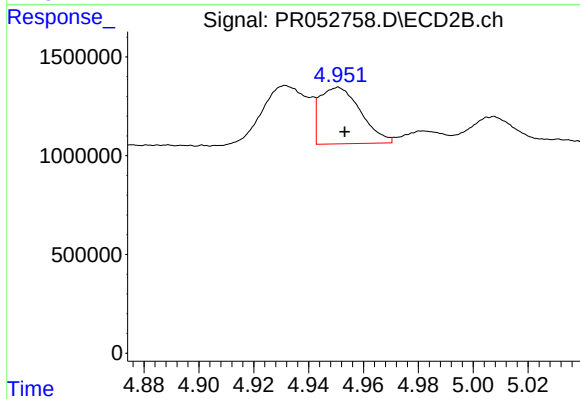
#3 AR-1016-1

R.T.: 4.932 min
Delta R.T.: -0.002 min
Response: 3519361
Conc: 36.21 ng/ml



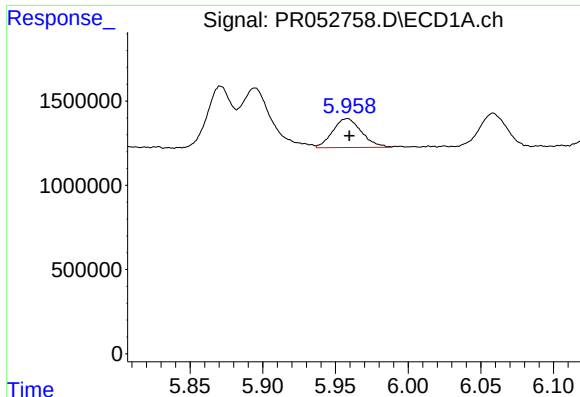
#4 AR-1016-2

R.T.: 5.895 min
Delta R.T.: -0.002 min
Response: 5094168
Conc: 29.42 ng/ml



#4 AR-1016-2

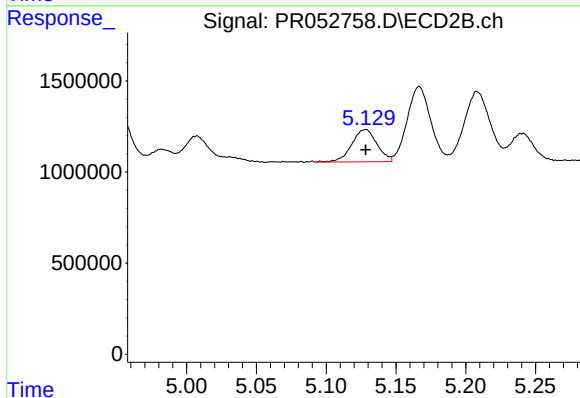
R.T.: 4.951 min
Delta R.T.: -0.002 min
Response: 2967463
Conc: 20.46 ng/ml



#5 AR-1016-3

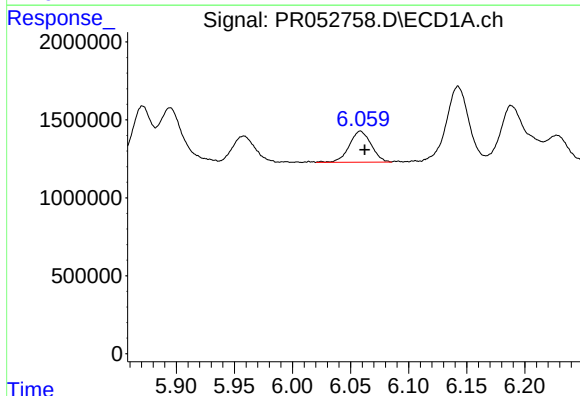
R.T.: 5.958 min
Delta R.T.: -0.002 min
Response: 2374854
Conc: 21.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



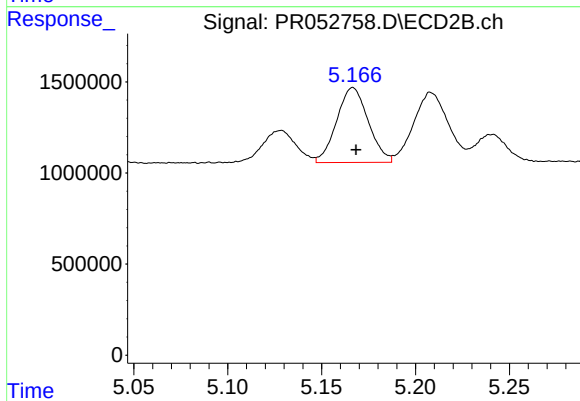
#5 AR-1016-3

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 2223935
Conc: 28.74 ng/ml



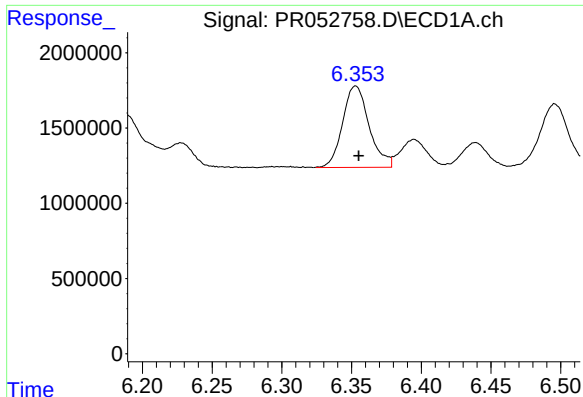
#6 AR-1016-4

R.T.: 6.058 min
Delta R.T.: -0.004 min
Response: 2628158
Conc: 29.69 ng/ml



#6 AR-1016-4

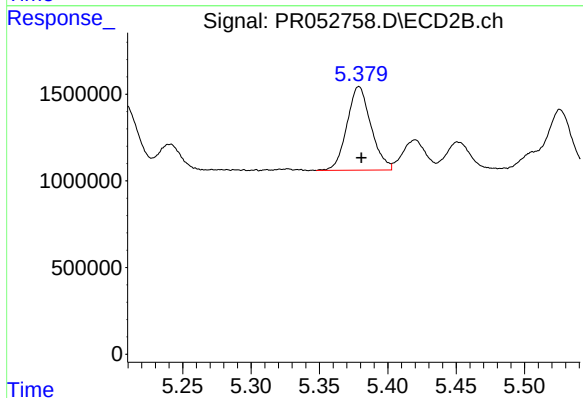
R.T.: 5.167 min
Delta R.T.: -0.002 min
Response: 4806162
Conc: 75.89 ng/ml



#7 AR-1016-5

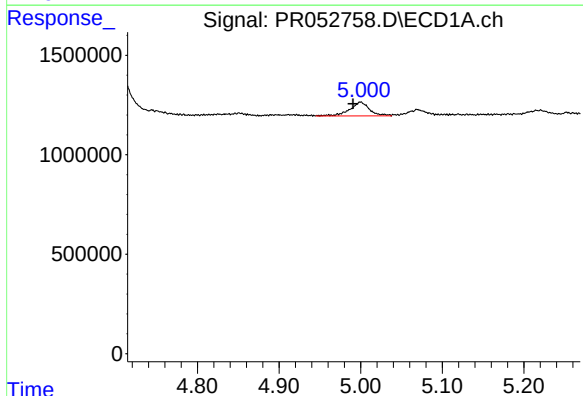
R.T.: 6.353 min
Delta R.T.: -0.002 min
Response: 7167334
Conc: 79.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



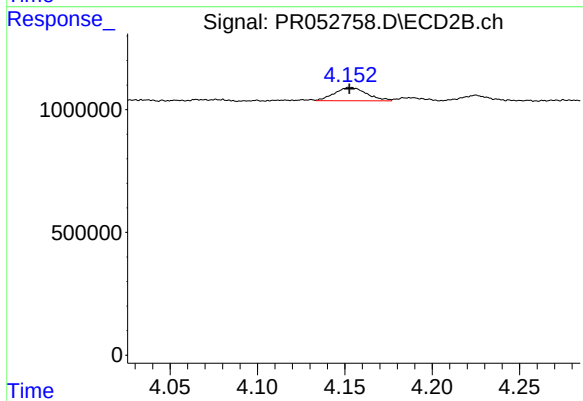
#7 AR-1016-5

R.T.: 5.379 min
Delta R.T.: -0.002 min
Response: 5896330
Conc: 72.81 ng/ml



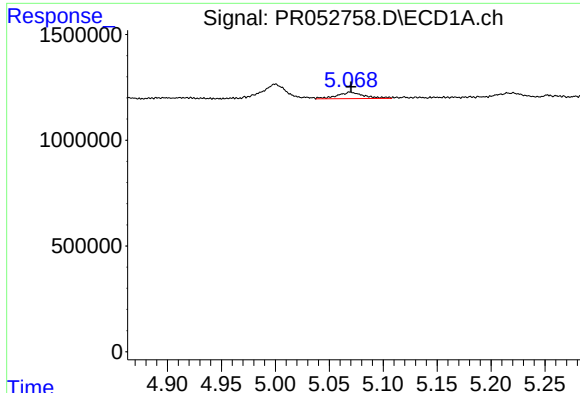
#9 AR-1221-2

R.T.: 5.000 min
Delta R.T.: 0.009 min
Response: 1172583
Conc: 34.81 ng/ml



#9 AR-1221-2

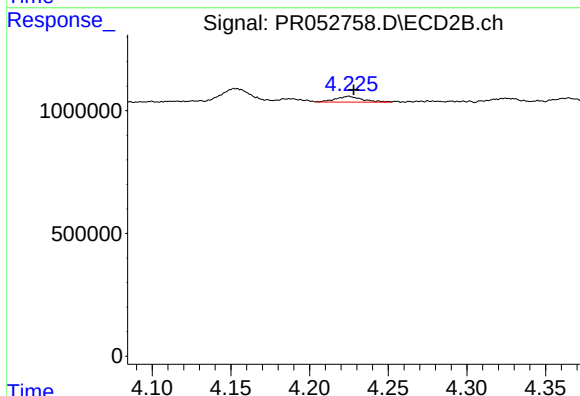
R.T.: 4.152 min
Delta R.T.: 0.000 min
Response: 693626
Conc: 26.98 ng/ml



#10 AR-1221-3

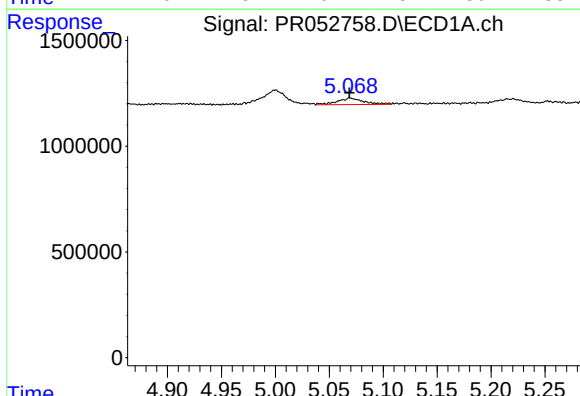
R.T.: 5.069 min
Delta R.T.: 0.000 min
Response: 525987
Conc: 5.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



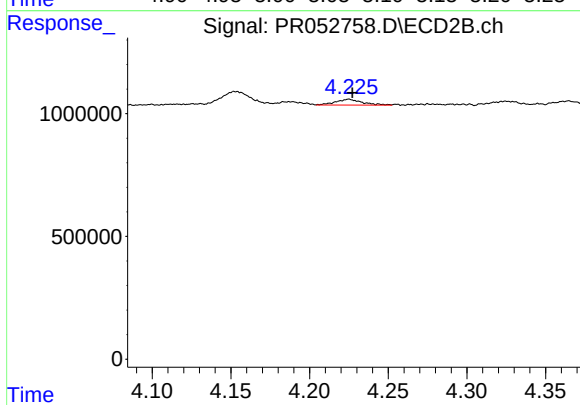
#10 AR-1221-3

R.T.: 4.225 min
Delta R.T.: -0.003 min
Response: 280972
Conc: 3.53 ng/ml



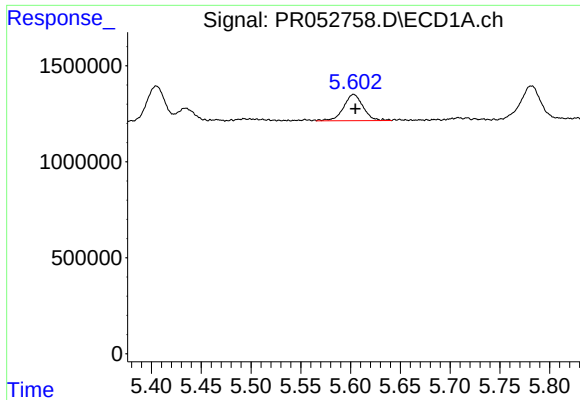
#11 AR-1232-1

R.T.: 5.069 min
Delta R.T.: 0.000 min
Response: 525987
Conc: 6.73 ng/ml



#11 AR-1232-1

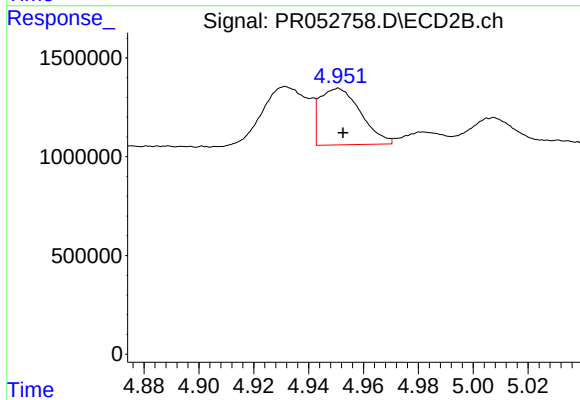
R.T.: 4.225 min
Delta R.T.: -0.002 min
Response: 280972
Conc: 4.21 ng/ml



#12 AR-1232-2

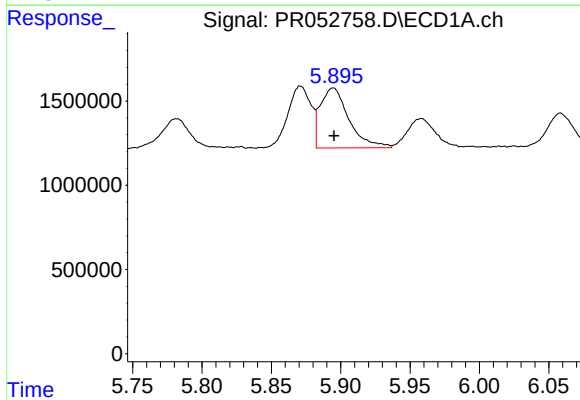
R.T.: 5.603 min
Delta R.T.: -0.002 min
Response: 1865908
Conc: 44.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



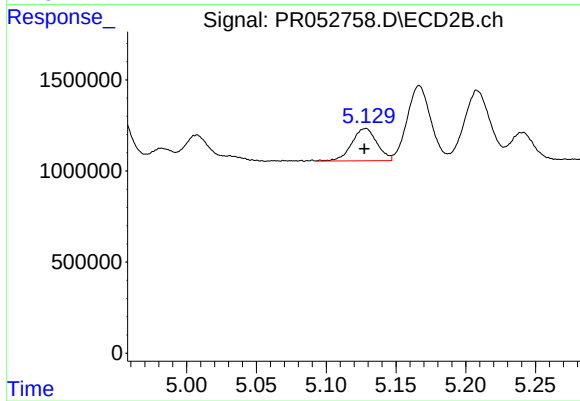
#12 AR-1232-2

R.T.: 4.951 min
Delta R.T.: -0.002 min
Response: 2967463
Conc: 46.36 ng/ml



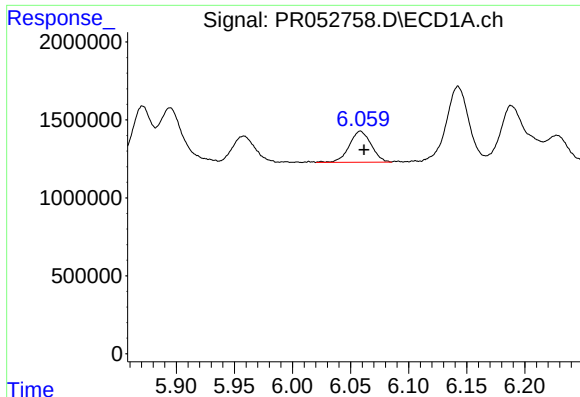
#13 AR-1232-3

R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 5094168
Conc: 66.42 ng/ml



#13 AR-1232-3

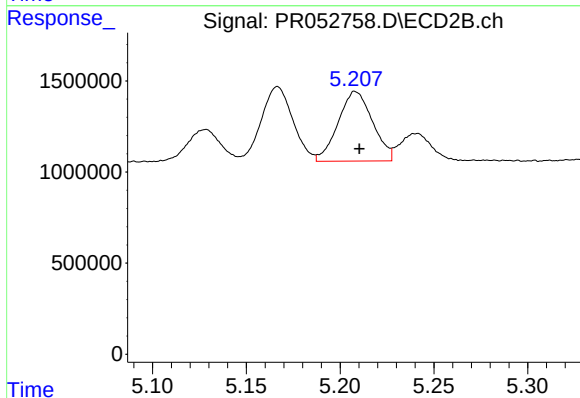
R.T.: 5.129 min
Delta R.T.: 0.001 min
Response: 2223935
Conc: 64.62 ng/ml



#14 AR-1232-4

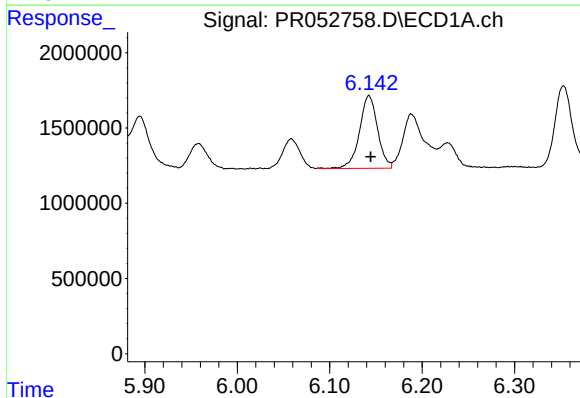
R.T.: 6.058 min
Delta R.T.: -0.003 min
Response: 2628158
Conc: 66.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



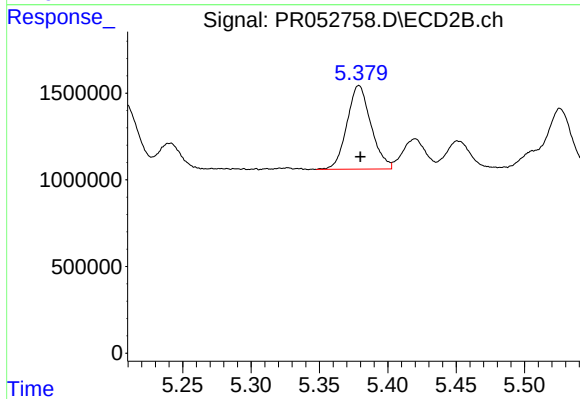
#14 AR-1232-4

R.T.: 5.208 min
Delta R.T.: -0.002 min
Response: 4895534
Conc: 158.46 ng/ml



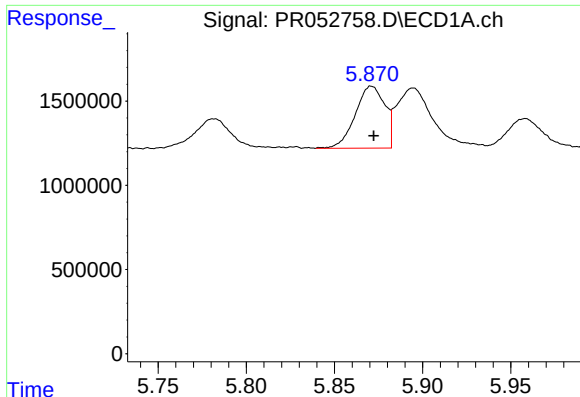
#15 AR-1232-5

R.T.: 6.142 min
Delta R.T.: -0.002 min
Response: 6596835
Conc: 207.91 ng/ml



#15 AR-1232-5

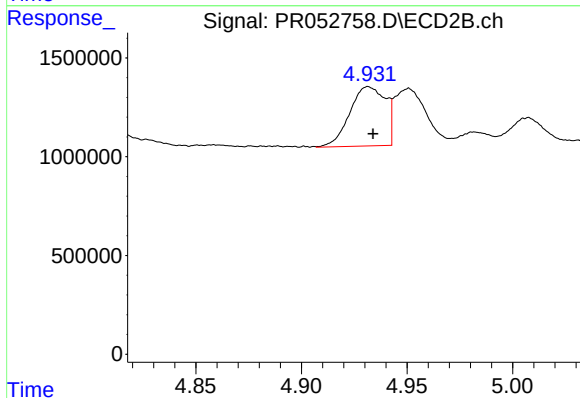
R.T.: 5.379 min
Delta R.T.: -0.001 min
Response: 5896330
Conc: 178.92 ng/ml



#16 AR-1242-1

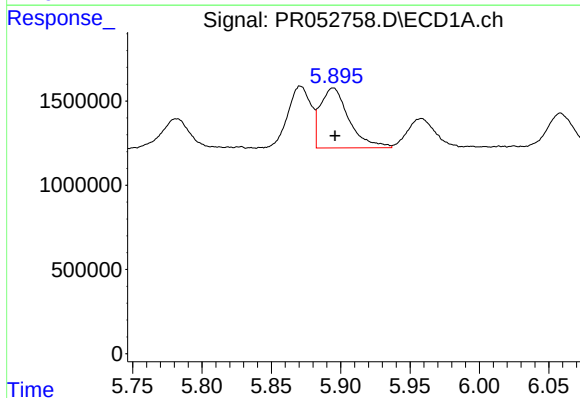
R.T.: 5.871 min
Delta R.T.: -0.001 min
Response: 4283801
Conc: 44.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



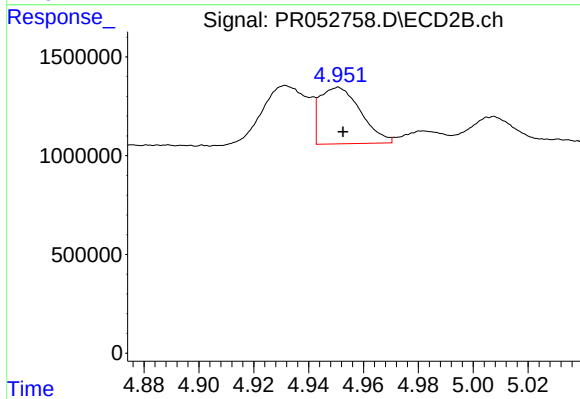
#16 AR-1242-1

R.T.: 4.932 min
Delta R.T.: -0.002 min
Response: 3519361
Conc: 48.72 ng/ml



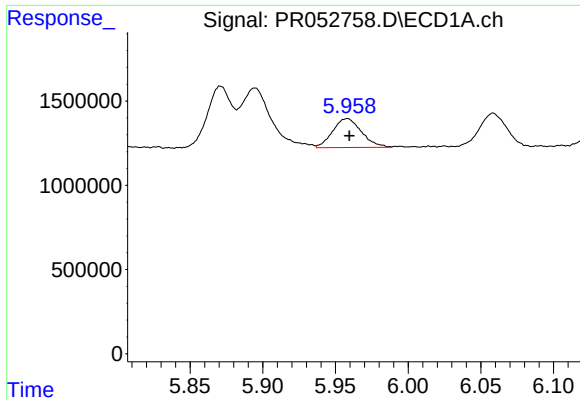
#17 AR-1242-2

R.T.: 5.895 min
Delta R.T.: -0.001 min
Response: 5094168
Conc: 39.45 ng/ml



#17 AR-1242-2

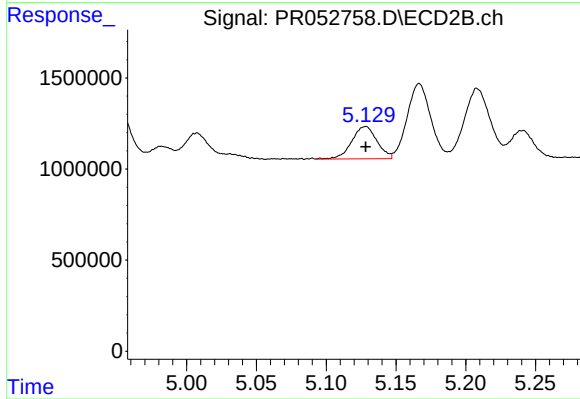
R.T.: 4.951 min
Delta R.T.: -0.002 min
Response: 2967463
Conc: 27.18 ng/ml



#18 AR-1242-3

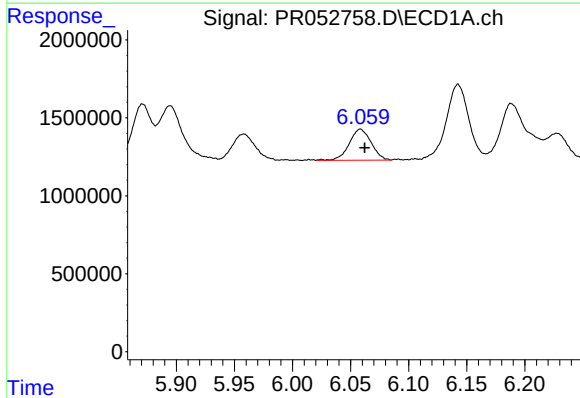
R.T.: 5.958 min
Delta R.T.: -0.002 min
Response: 2374854
Conc: 28.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



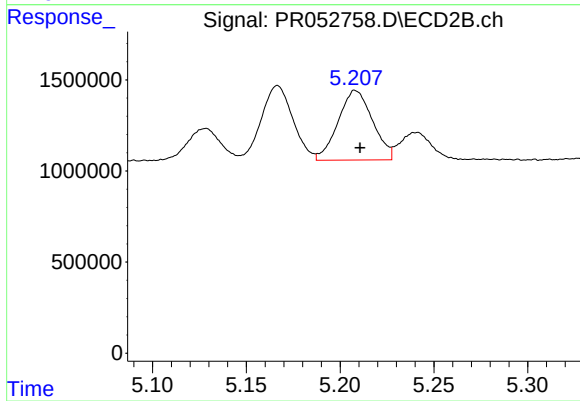
#18 AR-1242-3

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 2223935
Conc: 37.51 ng/ml



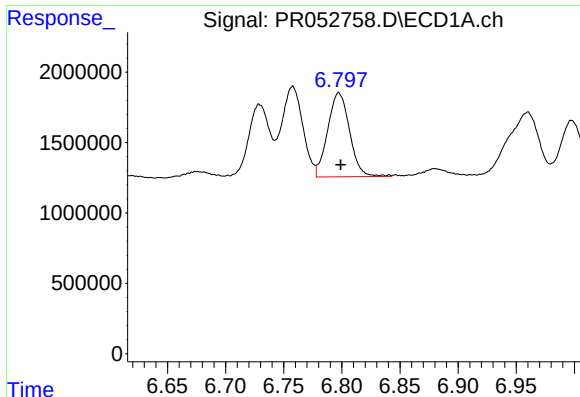
#19 AR-1242-4

R.T.: 6.058 min
Delta R.T.: -0.004 min
Response: 2628158
Conc: 38.55 ng/ml



#19 AR-1242-4

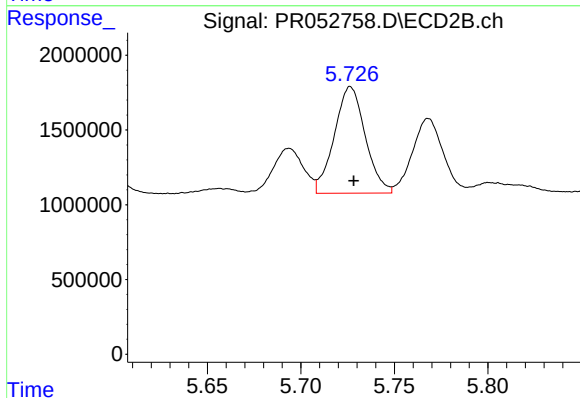
R.T.: 5.208 min
Delta R.T.: -0.003 min
Response: 4895534
Conc: 84.56 ng/ml



#20 AR-1242-5

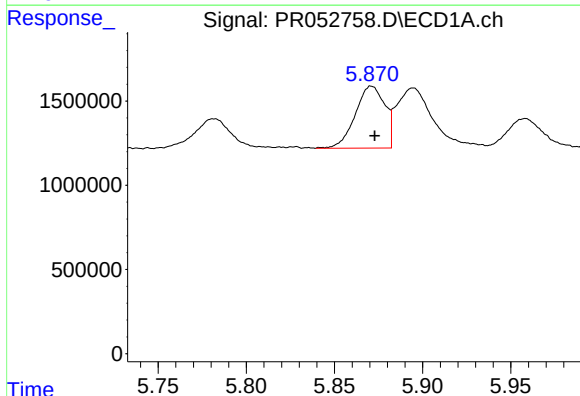
R.T.: 6.797 min
Delta R.T.: -0.002 min
Response: 7828310
Conc: 105.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



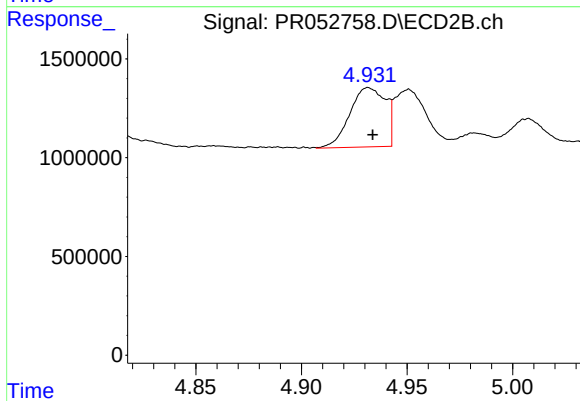
#20 AR-1242-5

R.T.: 5.726 min
Delta R.T.: -0.002 min
Response: 8229938
Conc: 116.43 ng/ml



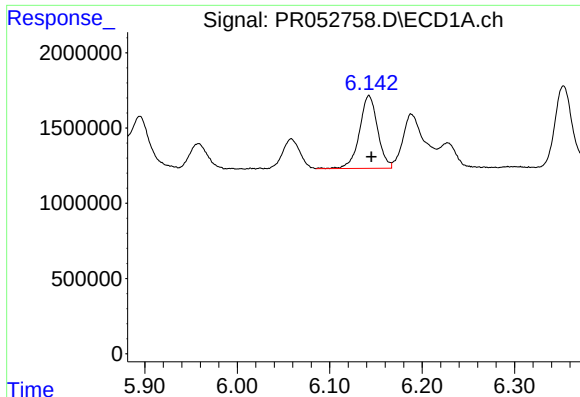
#21 AR-1248-1

R.T.: 5.871 min
Delta R.T.: -0.002 min
Response: 4283801
Conc: 60.11 ng/ml



#21 AR-1248-1

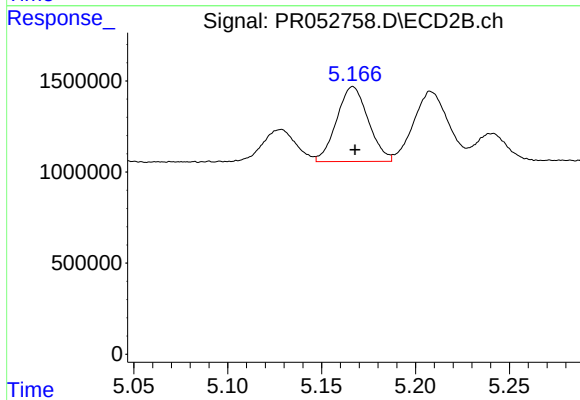
R.T.: 4.932 min
Delta R.T.: -0.002 min
Response: 3519361
Conc: 61.45 ng/ml



#22 AR-1248-2

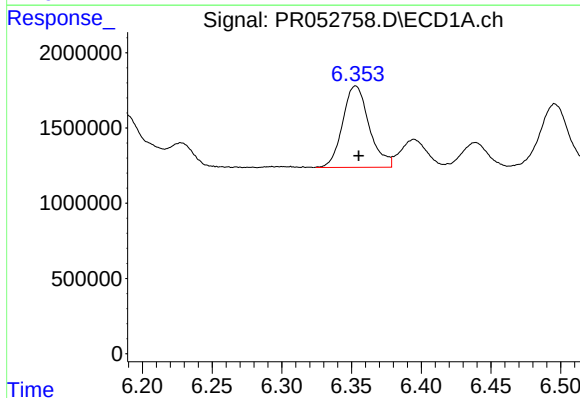
R.T.: 6.142 min
Delta R.T.: -0.003 min
Response: 6596835
Conc: 64.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



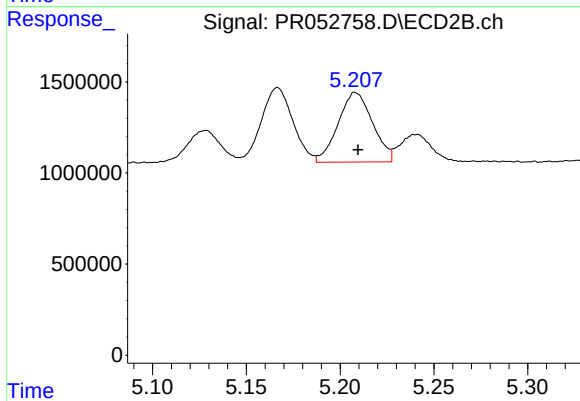
#22 AR-1248-2

R.T.: 5.167 min
Delta R.T.: -0.001 min
Response: 4806162
Conc: 60.52 ng/ml



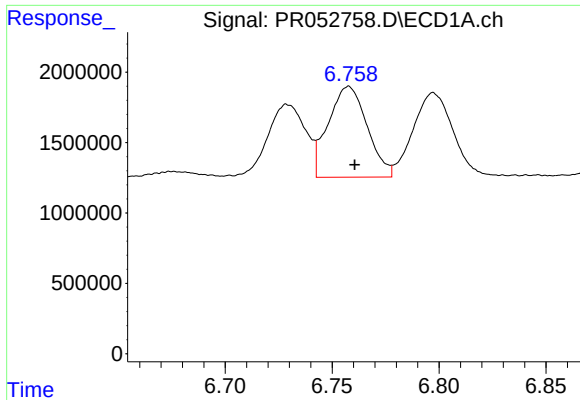
#23 AR-1248-3

R.T.: 6.353 min
Delta R.T.: -0.002 min
Response: 7167334
Conc: 63.61 ng/ml



#23 AR-1248-3

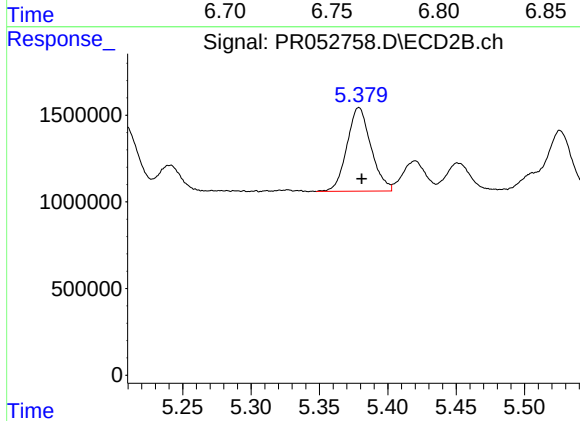
R.T.: 5.208 min
Delta R.T.: -0.002 min
Response: 4895534
Conc: 58.07 ng/ml



#24 AR-1248-4

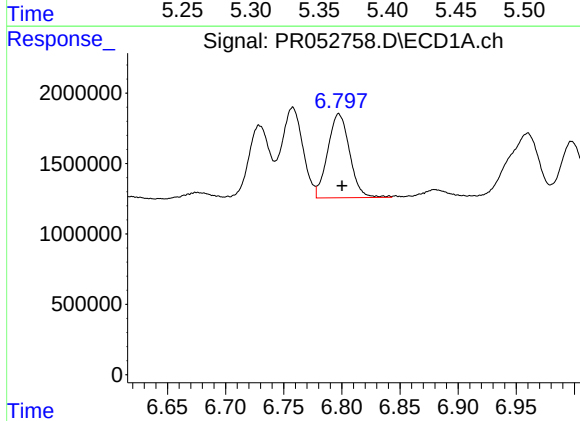
R.T.: 6.758 min
Delta R.T.: -0.003 min
Response: 8165214
Conc: 64.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



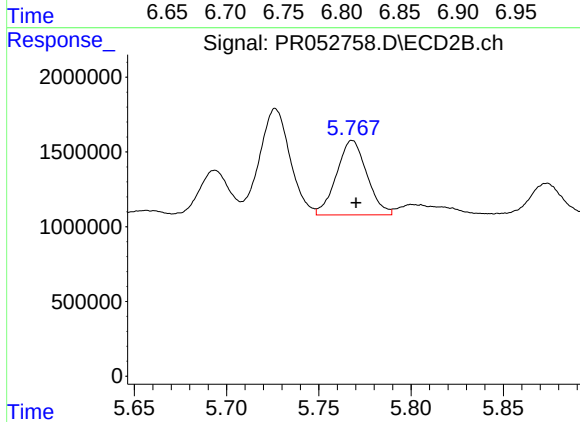
#24 AR-1248-4

R.T.: 5.379 min
Delta R.T.: -0.002 min
Response: 5896330
Conc: 59.46 ng/ml



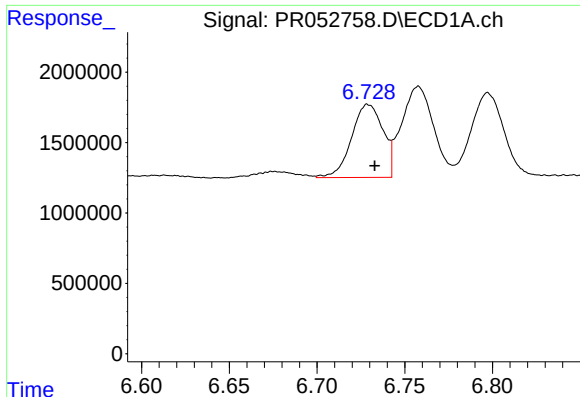
#25 AR-1248-5

R.T.: 6.797 min
Delta R.T.: -0.003 min
Response: 7828310
Conc: 64.15 ng/ml



#25 AR-1248-5

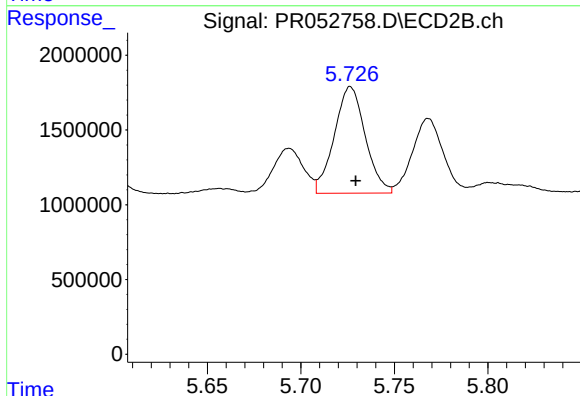
R.T.: 5.768 min
Delta R.T.: -0.002 min
Response: 5711319
Conc: 58.46 ng/ml



#26 AR-1254-1

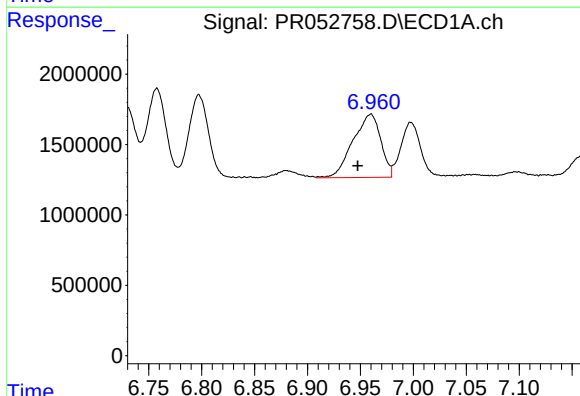
R.T.: 6.729 min
Delta R.T.: -0.004 min
Response: 6463556
Conc: 49.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



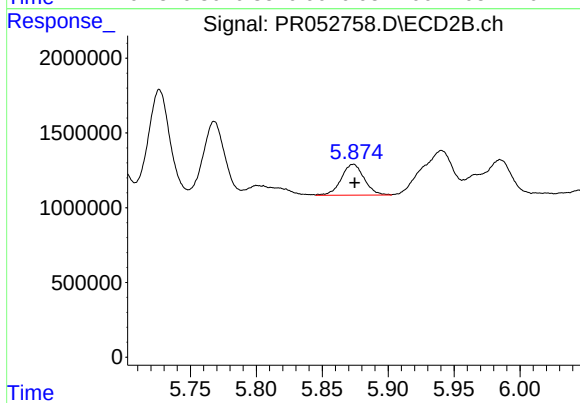
#26 AR-1254-1

R.T.: 5.726 min
Delta R.T.: -0.003 min
Response: 8229938
Conc: 54.28 ng/ml



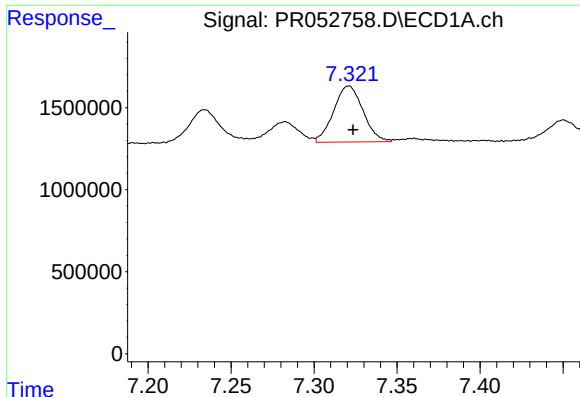
#27 AR-1254-2

R.T.: 6.960 min
Delta R.T.: 0.012 min
Response: 8221749
Conc: 40.64 ng/ml



#27 AR-1254-2

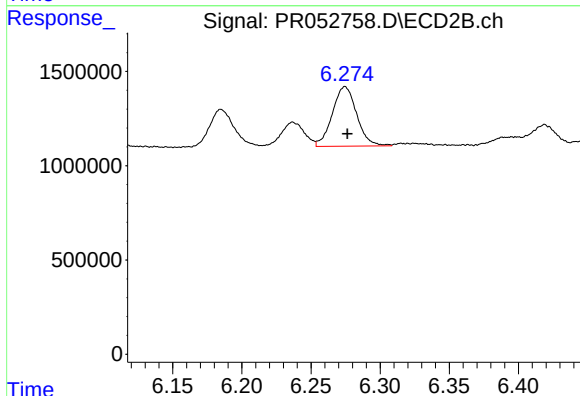
R.T.: 5.874 min
Delta R.T.: -0.001 min
Response: 2501303
Conc: 19.07 ng/ml



#28 AR-1254-3

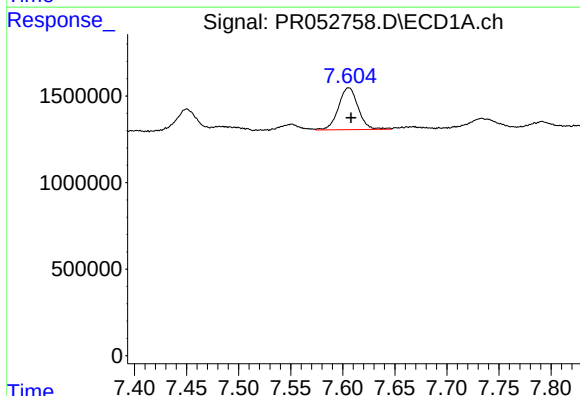
R.T.: 7.321 min
Delta R.T.: -0.003 min
Response: 4215383
Conc: 19.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



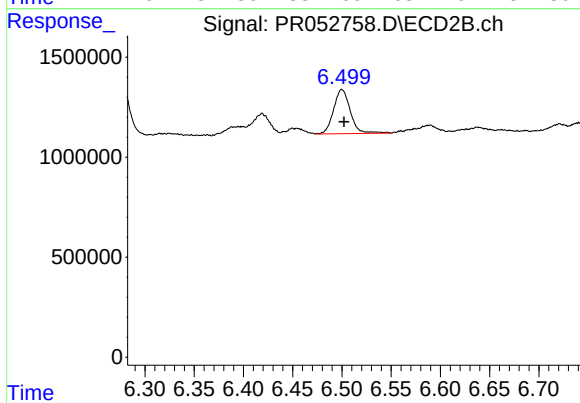
#28 AR-1254-3

R.T.: 6.275 min
Delta R.T.: -0.002 min
Response: 3873930
Conc: 17.55 ng/ml



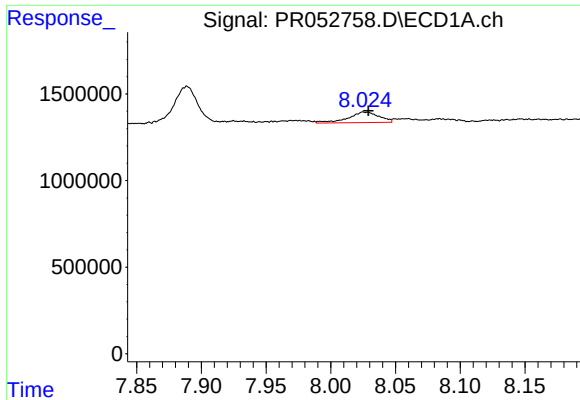
#29 AR-1254-4

R.T.: 7.606 min
Delta R.T.: -0.002 min
Response: 3168775
Conc: 20.07 ng/ml



#29 AR-1254-4

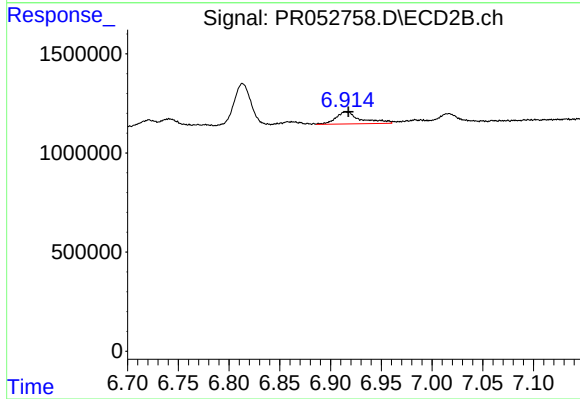
R.T.: 6.500 min
Delta R.T.: -0.002 min
Response: 2614212
Conc: 19.19 ng/ml



#30 AR-1254-5

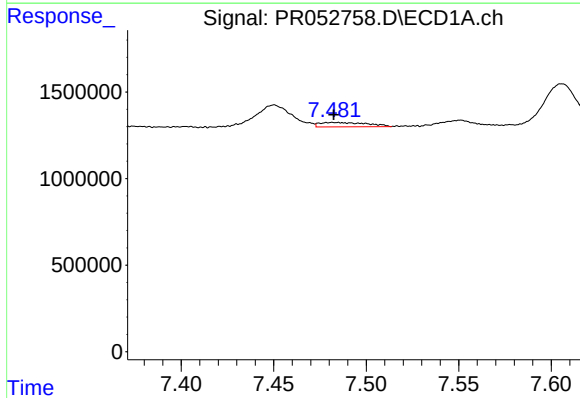
R.T.: 8.026 min
Delta R.T.: -0.003 min
Response: 1004347
Conc: 5.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



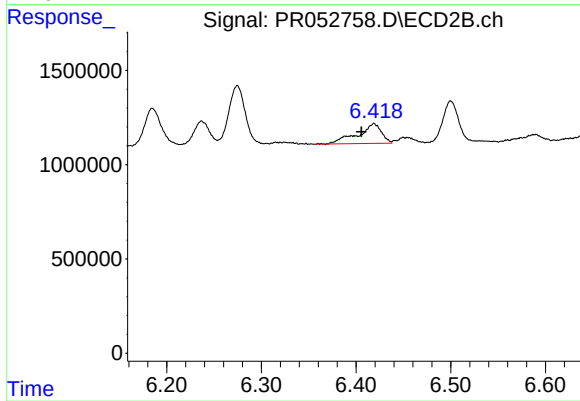
#30 AR-1254-5

R.T.: 6.915 min
Delta R.T.: -0.003 min
Response: 1044960
Conc: 5.03 ng/ml



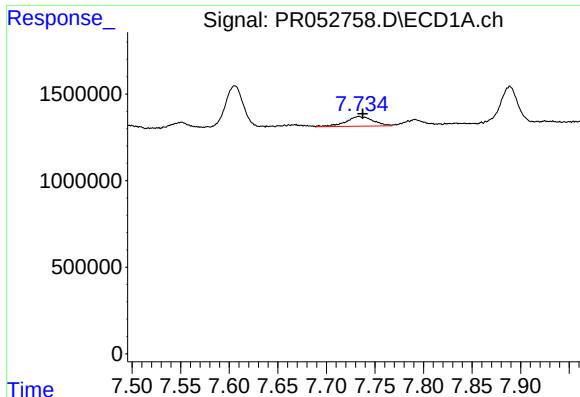
#31 AR-1260-1

R.T.: 7.483 min
Delta R.T.: 0.000 min
Response: 456996
Conc: 2.94 ng/ml



#31 AR-1260-1

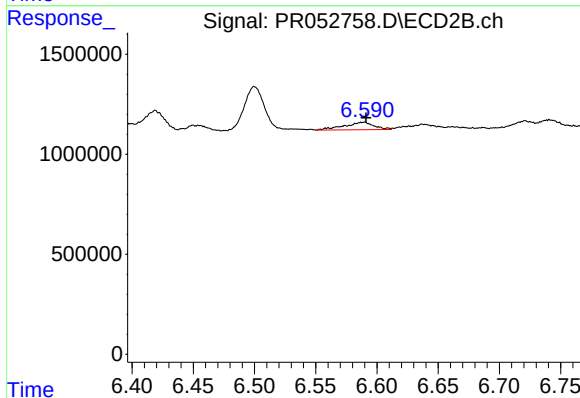
R.T.: 6.419 min
Delta R.T.: 0.013 min
Response: 1823417
Conc: 12.81 ng/ml



#32 AR-1260-2

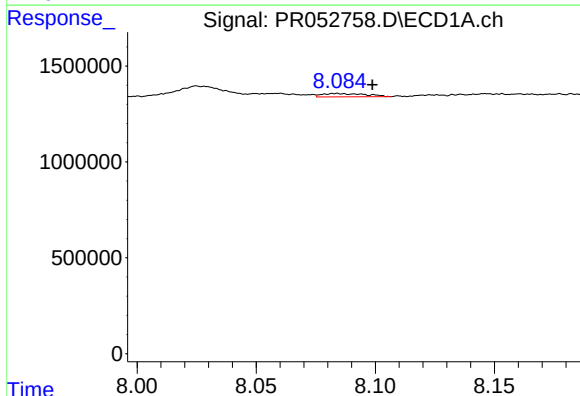
R.T.: 7.733 min
Delta R.T.: -0.004 min
Response: 1080137
Conc: 5.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



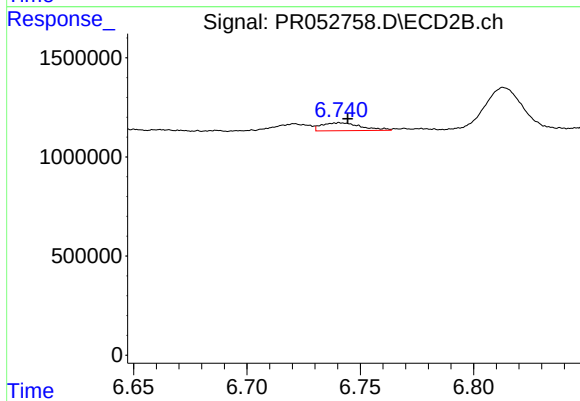
#32 AR-1260-2

R.T.: 6.589 min
Delta R.T.: -0.002 min
Response: 643469
Conc: 3.71 ng/ml



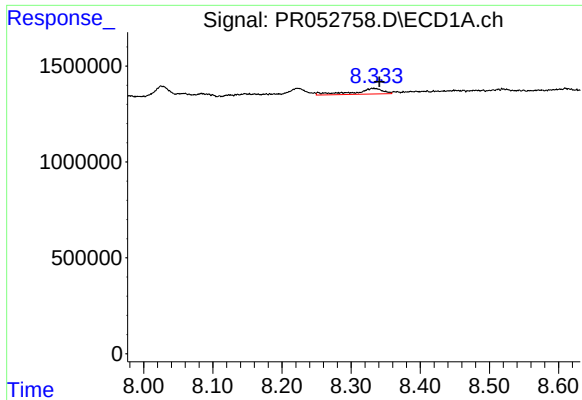
#33 AR-1260-3

R.T.: 8.084 min
Delta R.T.: -0.015 min
Response: 221732
Conc: 1.51 ng/ml



#33 AR-1260-3

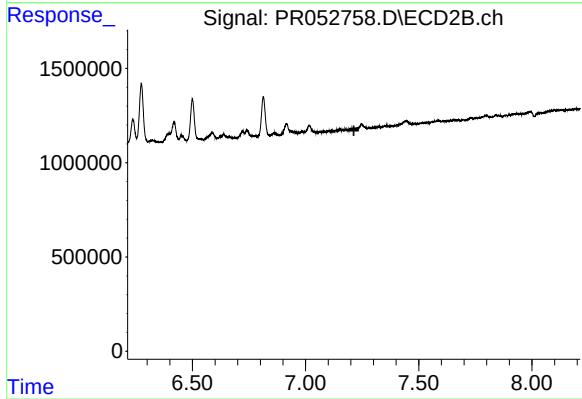
R.T.: 6.741 min
Delta R.T.: -0.004 min
Response: 479546
Conc: 2.84 ng/ml



#34 AR-1260-4

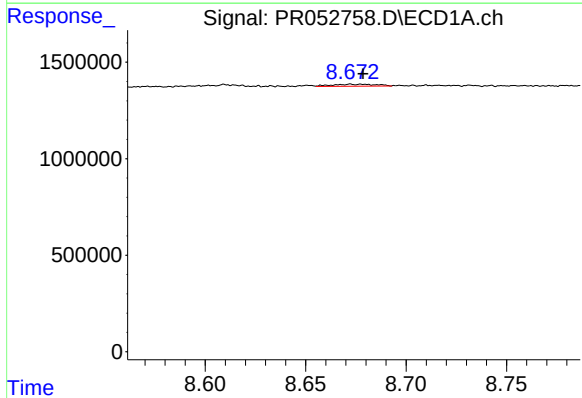
R.T.: 8.333 min
Delta R.T.: -0.008 min
Response: 854994
Conc: 5.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



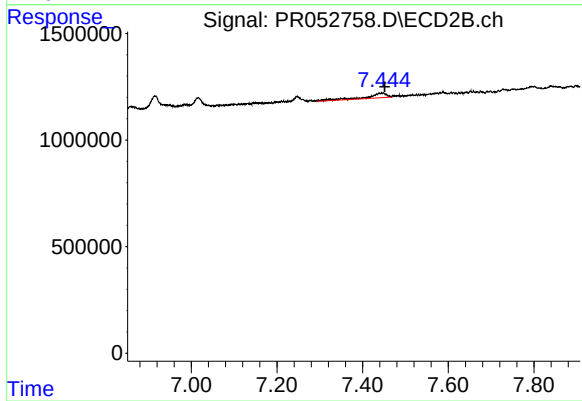
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 7.213 min
Response: 0
Conc: N.D.



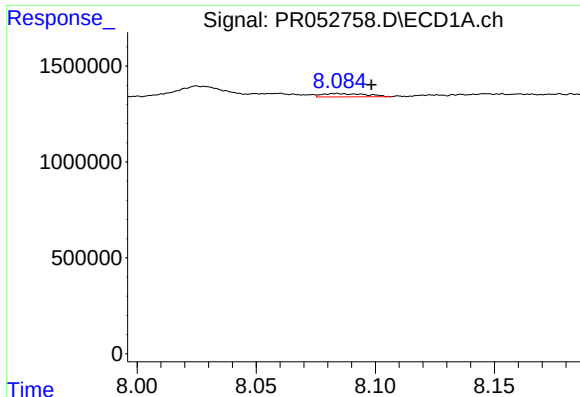
#35 AR-1260-5

R.T.: 8.672 min
Delta R.T.: -0.006 min
Response: 153513
Conc: 0.46 ng/ml



#35 AR-1260-5

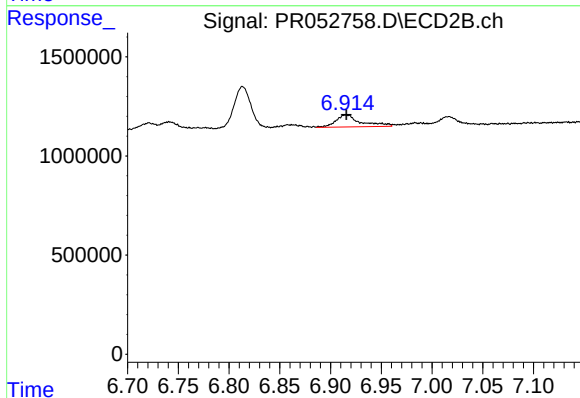
R.T.: 7.444 min
Delta R.T.: -0.008 min
Response: 714584
Conc: 1.95 ng/ml



#36 AR-1262-1

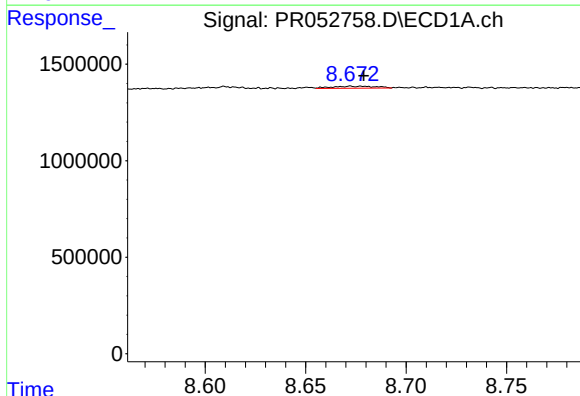
R.T.: 8.084 min
Delta R.T.: -0.014 min
Response: 221732
Conc: 1.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



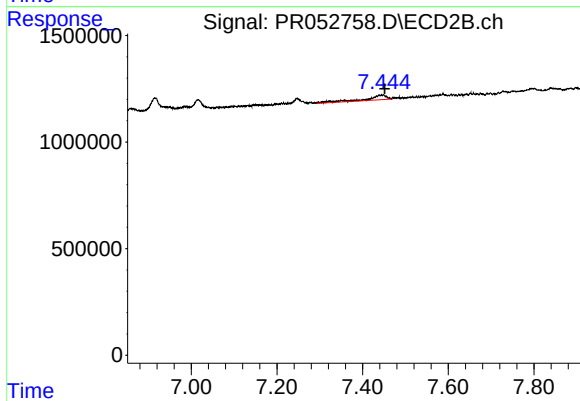
#36 AR-1262-1

R.T.: 6.915 min
Delta R.T.: 0.000 min
Response: 1044960
Conc: 9.65 ng/ml



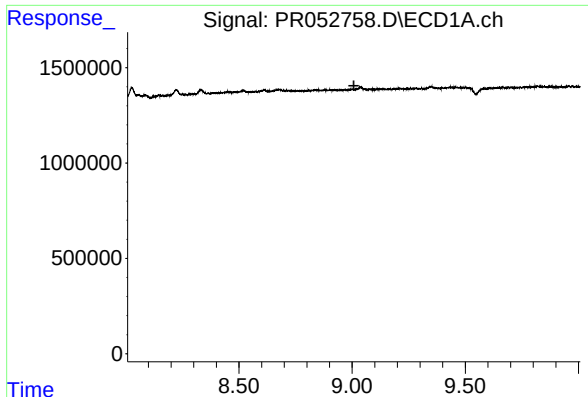
#37 AR-1262-2

R.T.: 8.672 min
Delta R.T.: -0.007 min
Response: 153513
Conc: 0.42 ng/ml



#37 AR-1262-2

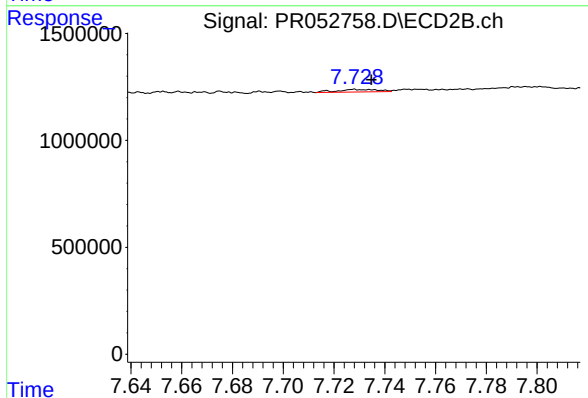
R.T.: 7.444 min
Delta R.T.: -0.007 min
Response: 714584
Conc: 1.84 ng/ml



#38 AR-1262-3

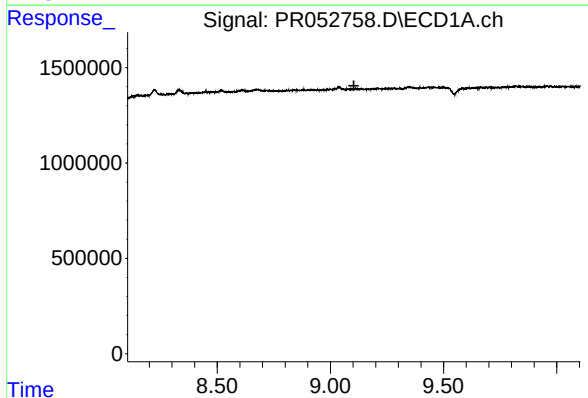
R.T.: 0.000 min
Exp R.T.: 9.008 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



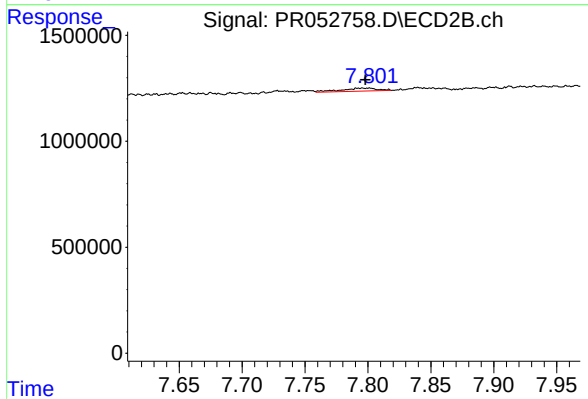
#38 AR-1262-3

R.T.: 7.728 min
Delta R.T.: -0.007 min
Response: 133061
Conc: 0.83 ng/ml



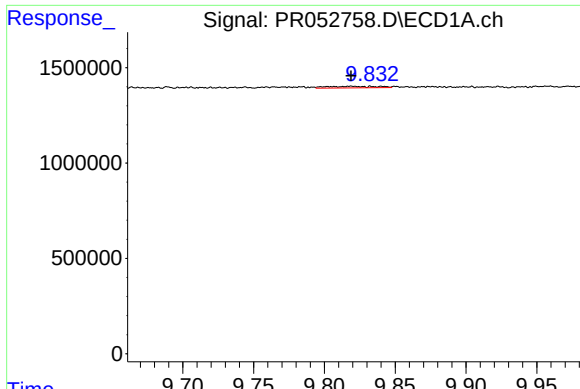
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 9.104 min
Response: 0
Conc: N.D.



#39 AR-1262-4

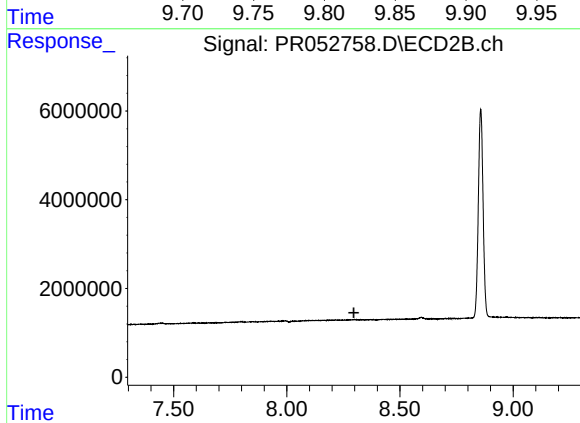
R.T.: 7.801 min
Delta R.T.: 0.003 min
Response: 294257
Conc: 0.98 ng/ml



#40 AR-1262-5

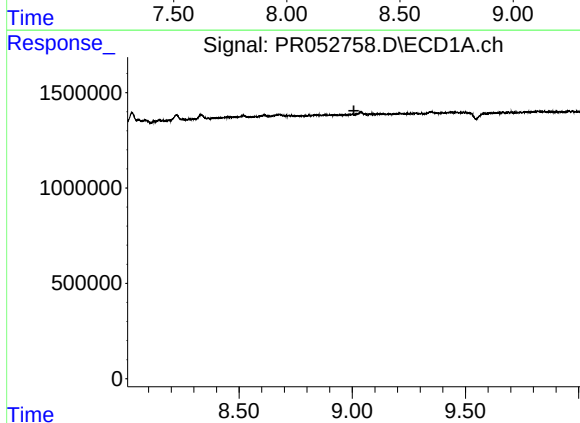
R.T.: 9.819 min
Delta R.T.: 0.000 min
Response: 210189
Conc: 1.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



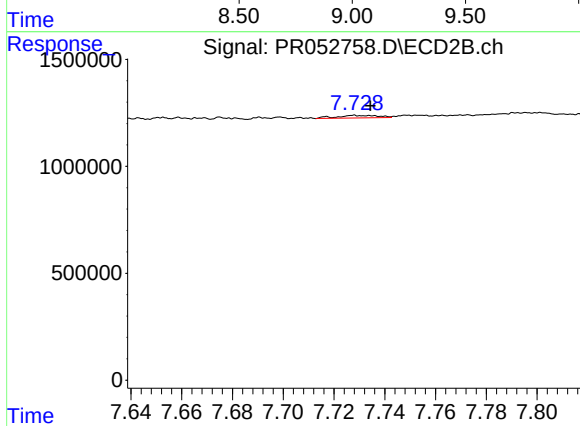
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.296 min
Response: 0
Conc: N.D.



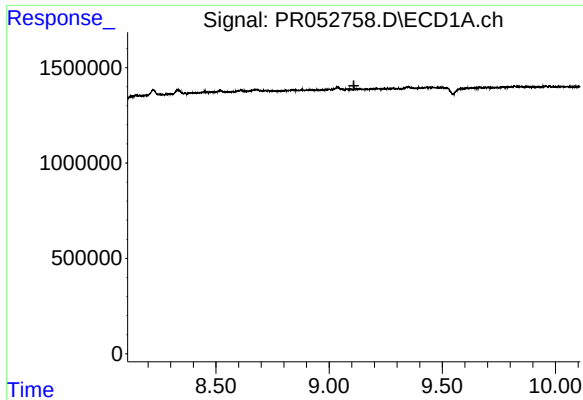
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 9.007 min
Response: 0
Conc: N.D.



#41 AR-1268-1

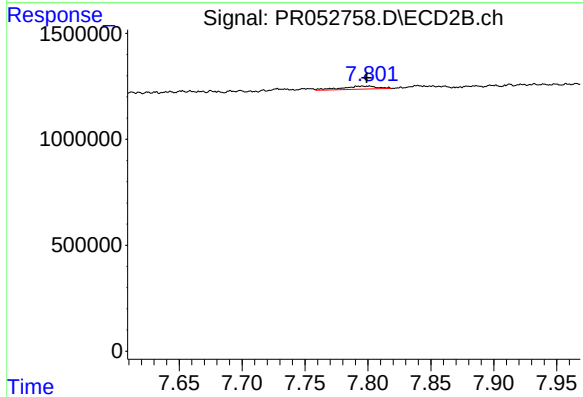
R.T.: 7.728 min
Delta R.T.: -0.006 min
Response: 133061
Conc: 0.28 ng/ml



#42 AR-1268-2

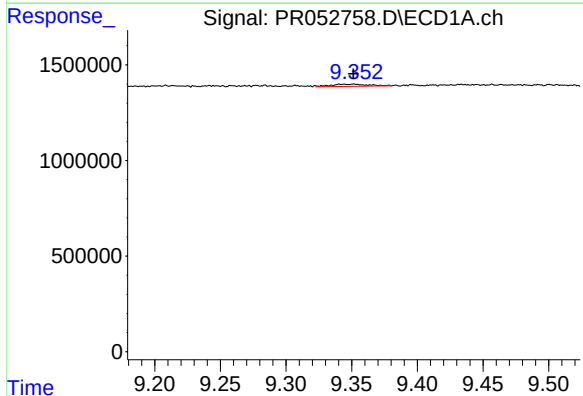
R.T.: 0.000 min
Exp R.T.: 9.109 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



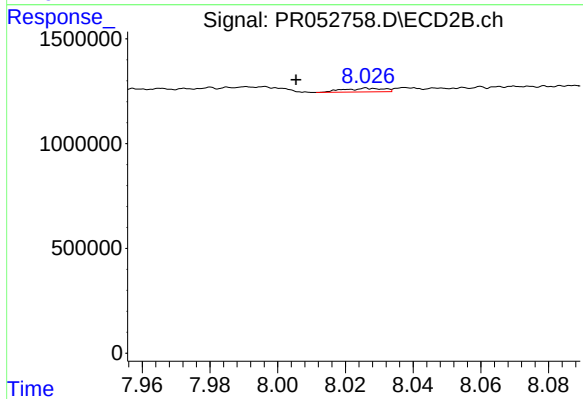
#42 AR-1268-2

R.T.: 7.801 min
Delta R.T.: 0.002 min
Response: 294257
Conc: 0.66 ng/ml



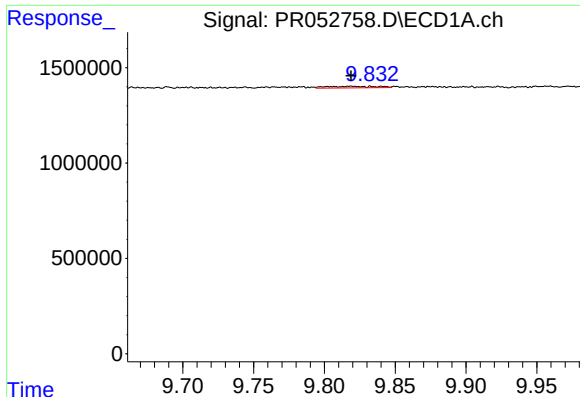
#43 AR-1268-3

R.T.: 9.352 min
Delta R.T.: 0.000 min
Response: 226608
Conc: 0.64 ng/ml



#43 AR-1268-3

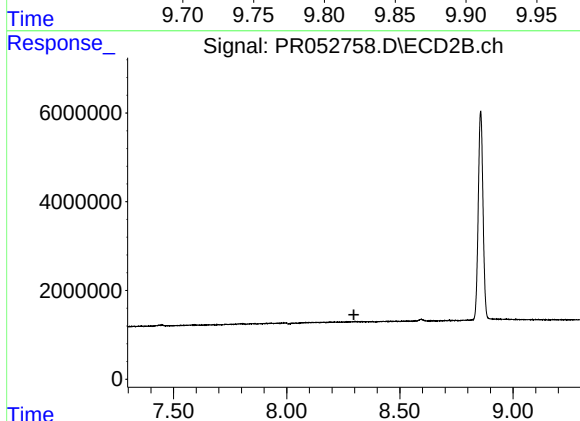
R.T.: 8.027 min
Delta R.T.: 0.021 min
Response: 146627
Conc: 0.38 ng/ml



#44 AR-1268-4

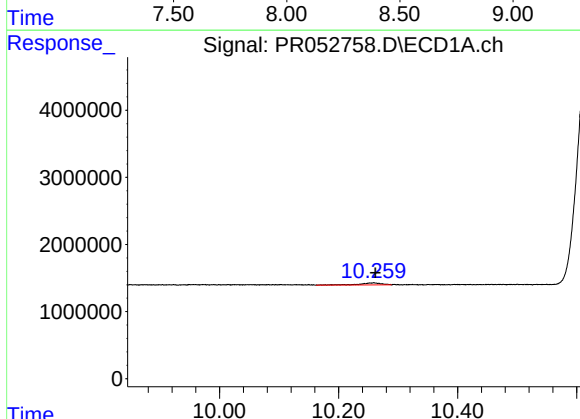
R.T.: 9.819 min
Delta R.T.: 0.000 min
Response: 210189
Conc: 1.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



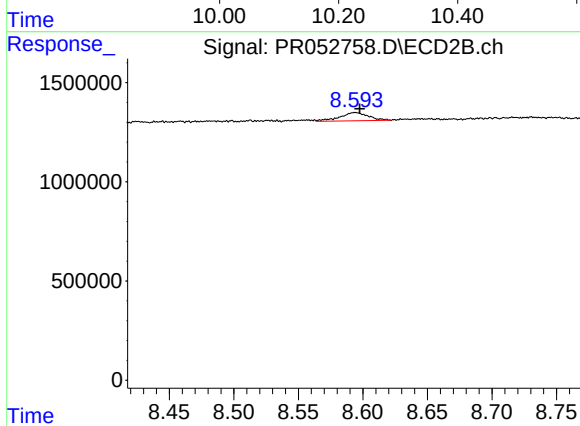
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.297 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.259 min
Delta R.T.: -0.003 min
Response: 735829
Conc: 0.63 ng/ml



#45 AR-1268-5

R.T.: 8.594 min
Delta R.T.: -0.003 min
Response: 642724
Conc: 0.52 ng/ml