

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP020623\
 Data File : PP055361.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Feb 2023 15:13
 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 06 21:38:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 24 03:37:45 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.329	3.575	80882168	71740573	46.518	47.788
2)	SA Decachlor...	10.084	8.585	75326461	58927577	43.499	43.632
Target Compounds							
3)	L1 AR-1016-1	5.499	4.657	23752418	19516671	353.405	394.324
4)	L1 AR-1016-2	5.522	4.676	34225613	28092834	357.152	405.854
5)	L1 AR-1016-3	5.584	4.852	21442110	15089270	358.465	405.663
6)	L1 AR-1016-4	5.683	4.894	17270363	12541927	360.414	399.141
7)	L1 AR-1016-5	5.979	5.107	17571606	15264804	346.757	373.364
8)	L2 AR-1221-1	4.533	3.786	2505393	2290988	106.544	115.550
9)	L2 AR-1221-2	4.624	3.873	3935219	3321994	221.490	224.120
10)	L2 AR-1221-3	4.700	3.948	14097467	12314719	261.988	272.966
11)	L3 AR-1232-1	4.700	3.948	14097467	12314719	317.634	334.100
12)	L3 AR-1232-2	5.230	4.676	17629430	28092834	779.553	879.481
13)	L3 AR-1232-3	5.522	4.852	34225613	15089270	779.320	905.122
14)	L3 AR-1232-4	5.683	4.936	17270363	15738751	780.256	975.978 #
15)	L3 AR-1232-5	5.775	5.107	14252488	15264804	814.101	864.300
16)	L4 AR-1242-1	5.499	4.657	23752418	19516671	424.235	476.455
17)	L4 AR-1242-2	5.522	4.676	34225613	28092834	428.732	491.985
18)	L4 AR-1242-3	5.584	4.852	21442110	15089270	431.766	488.838
19)	L4 AR-1242-4	5.683	4.936	17270363	15738751	430.932	484.462
20)	L4 AR-1242-5	6.423	5.460	18238464	17563468	410.190	469.967
21)	L5 AR-1248-1	5.499	4.657	23752418	19516671	569.551	629.506
22)	L5 AR-1248-2	5.775	4.894	14252488	12541927	224.187	274.275
23)	L5 AR-1248-3	5.979	4.936	17571606	15738751	254.079	330.138 #
24)	L5 AR-1248-4	6.384	5.107	17423205	15264804	229.754	276.400
25)	L5 AR-1248-5	6.423	5.501	18238464	14360688	247.157	292.057
26)	L6 AR-1254-1	6.356	5.460	12964438	17563468	164.331	217.482 #
27)	L6 AR-1254-2	6.580	5.609	15376571	4494601	127.055	62.807 #
28)	L6 AR-1254-3	6.946	6.013	6179688	5742937	50.451	51.549
29)	L6 AR-1254-4	7.233	6.243	4297888	3806469	48.778	61.886 #
30)	L6 AR-1254-5	7.655	6.662	1577297	1376095	15.592	14.515
31)	L7 AR-1260-1	7.110	6.158	750471	2061503	7.873	26.585 #
32)	L7 AR-1260-2	7.367	6.332	1093270	616798	9.714	6.861 #
33)	L7 AR-1260-3	7.717f	6.485	172239	604340	2.139	7.117 #
34)	L7 AR-1260-4	7.943f	6.966	879936	110402	9.064	1.542 #
35)	L7 AR-1260-5	8.266	7.207	357868	108880	2.012	0.708 #
36)	L8 AR-1262-1	7.717f	6.756	172239	25696	1.460	0.598 #
37)	L8 AR-1262-2	8.266	6.966	357868	110402	1.777	1.192 #
38)	L8 AR-1262-3	8.602	7.473f	584743	34459	4.205	0.473 #
39)	L8 AR-1262-4	0.000	7.568	0	214075	N.D.	1.637 #
40)	L8 AR-1262-5	9.357f	8.073f	182958	70474	2.558	1.188 #
41)	L9 AR-1268-1	8.602f	7.473f	584743	34459	2.392	0.159 #

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 Acq On : 06 Feb 2023 15:13
 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

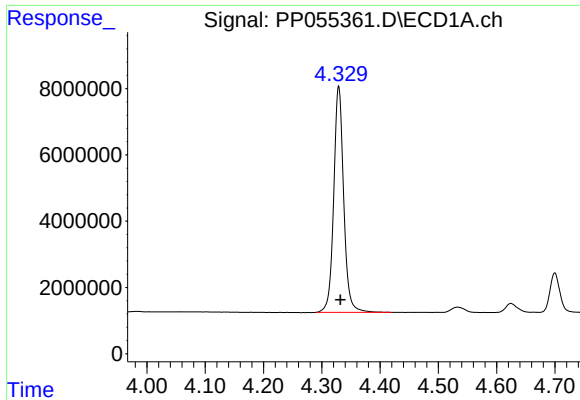
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 06 21:38:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012423.M
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 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	7.568	0	214075	N.D.	1.097 #
43) L9	AR-1268-3	8.908	7.762	258455	203364	1.294	1.184
44) L9	AR-1268-4	9.357f	8.073f	182958	70474	2.329	1.105 #
45) L9	AR-1268-5	9.752	8.337	98413	278625	0.155	0.529 #

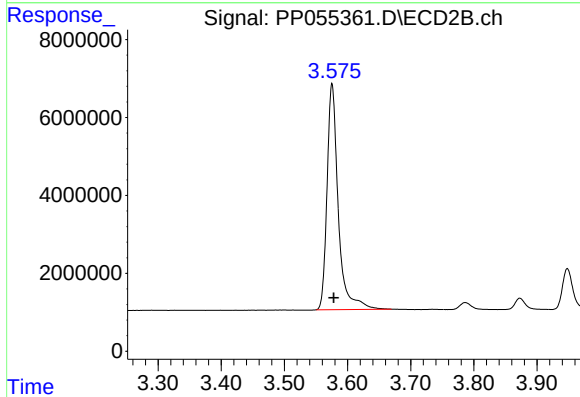
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

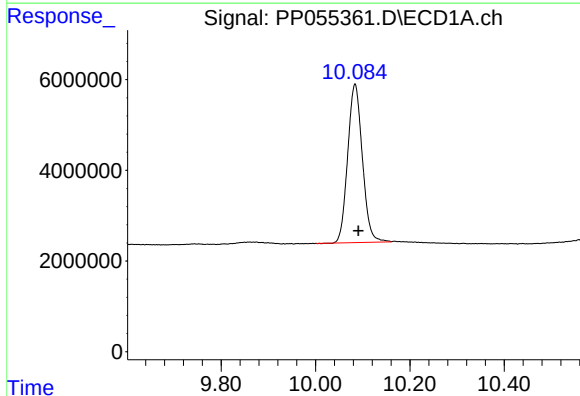
R.T.: 4.329 min
Delta R.T.: -0.003 min
Response: 80882168
Conc: 46.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



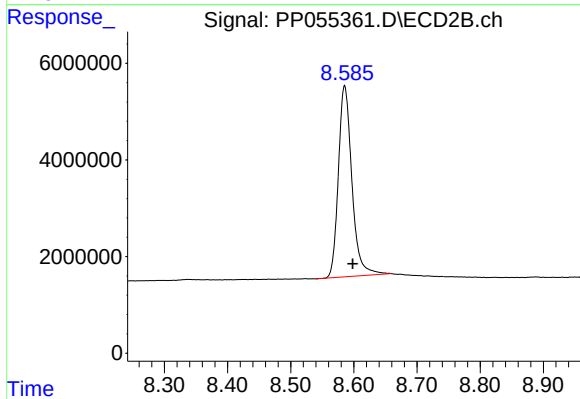
#1 Tetrachloro-m-xylene

R.T.: 3.575 min
Delta R.T.: -0.003 min
Response: 71740573
Conc: 47.79 ng/ml



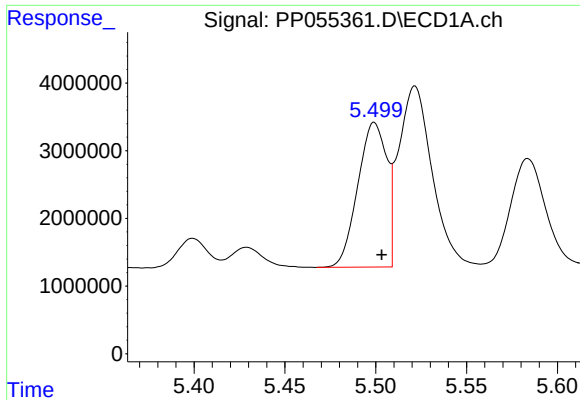
#2 Decachlorobiphenyl

R.T.: 10.084 min
Delta R.T.: -0.007 min
Response: 75326461
Conc: 43.50 ng/ml



#2 Decachlorobiphenyl

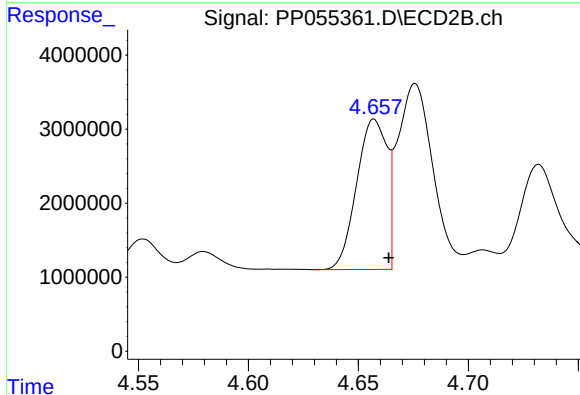
R.T.: 8.585 min
Delta R.T.: -0.013 min
Response: 58927577
Conc: 43.63 ng/ml



#3 AR-1016-1

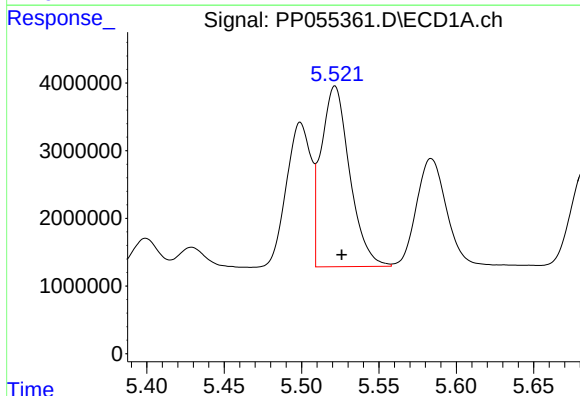
R.T.: 5.499 min
Delta R.T.: -0.004 min
Response: 23752418
Conc: 353.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



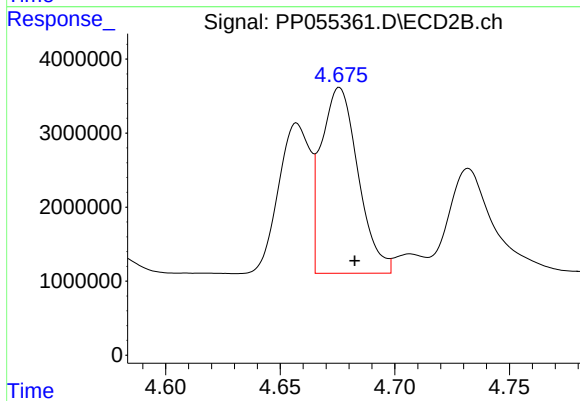
#3 AR-1016-1

R.T.: 4.657 min
Delta R.T.: -0.007 min
Response: 19516671
Conc: 394.32 ng/ml



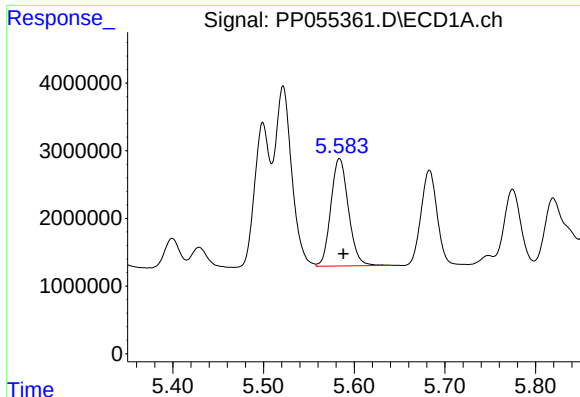
#4 AR-1016-2

R.T.: 5.522 min
Delta R.T.: -0.004 min
Response: 34225613
Conc: 357.15 ng/ml



#4 AR-1016-2

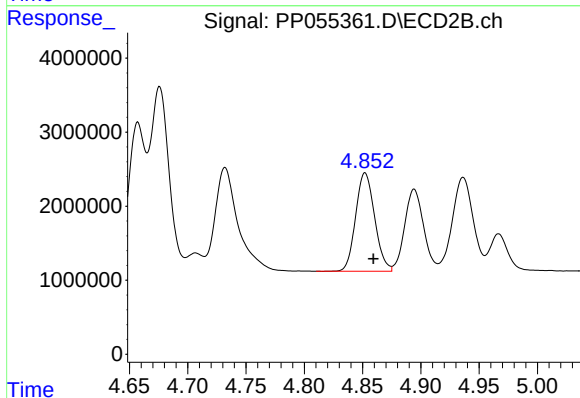
R.T.: 4.676 min
Delta R.T.: -0.007 min
Response: 28092834
Conc: 405.85 ng/ml



#5 AR-1016-3

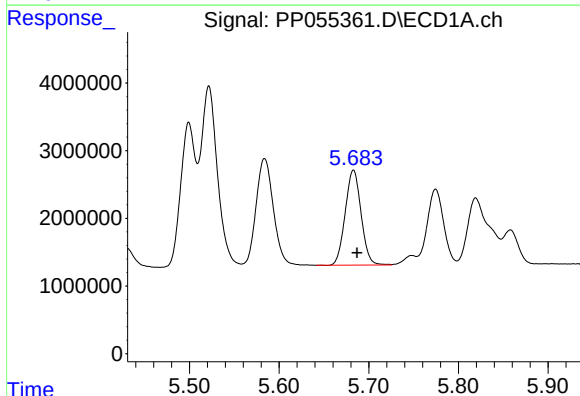
R.T.: 5.584 min
Delta R.T.: -0.004 min
Response: 21442110
Conc: 358.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



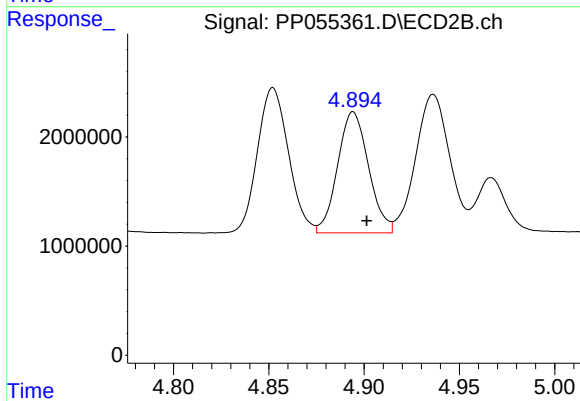
#5 AR-1016-3

R.T.: 4.852 min
Delta R.T.: -0.007 min
Response: 15089270
Conc: 405.66 ng/ml



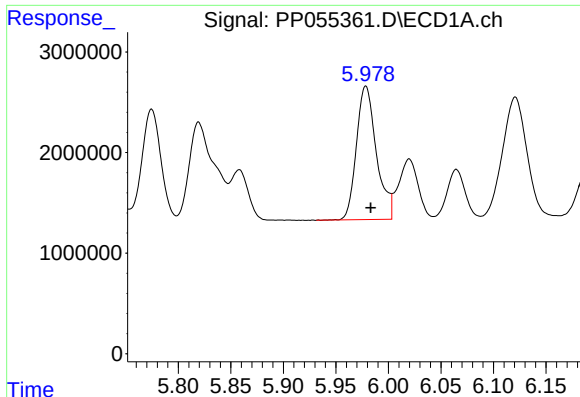
#6 AR-1016-4

R.T.: 5.683 min
Delta R.T.: -0.004 min
Response: 17270363
Conc: 360.41 ng/ml



#6 AR-1016-4

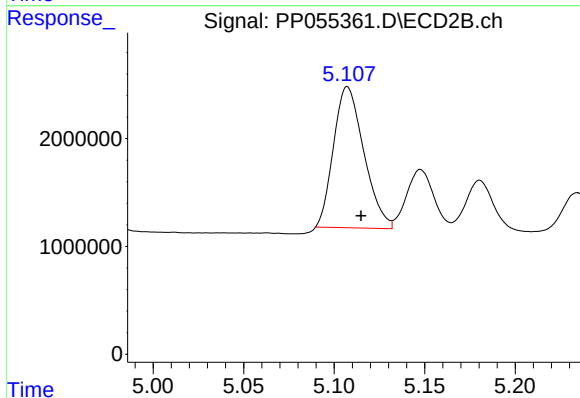
R.T.: 4.894 min
Delta R.T.: -0.007 min
Response: 12541927
Conc: 399.14 ng/ml



#7 AR-1016-5

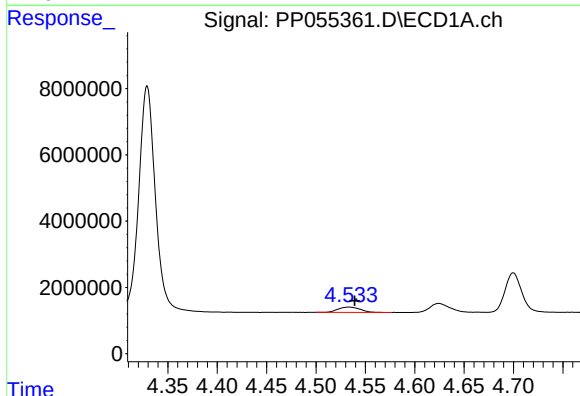
R.T.: 5.979 min
Delta R.T.: -0.005 min
Response: 17571606
Conc: 346.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



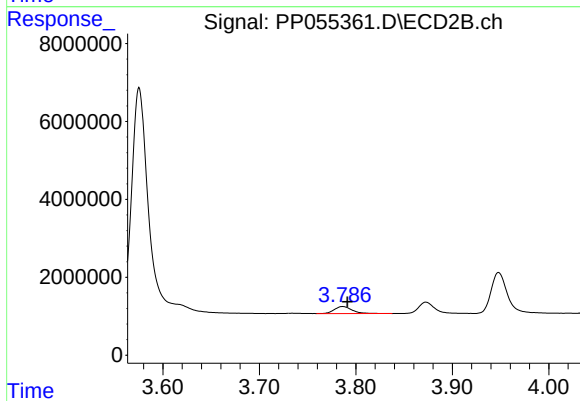
#7 AR-1016-5

R.T.: 5.107 min
Delta R.T.: -0.008 min
Response: 15264804
Conc: 373.36 ng/ml



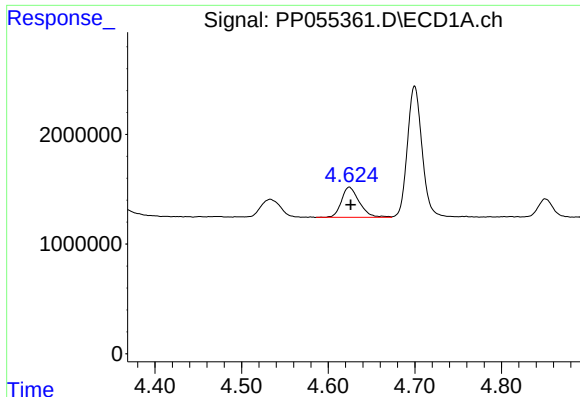
#8 AR-1221-1

R.T.: 4.533 min
Delta R.T.: -0.006 min
Response: 2505393
Conc: 106.54 ng/ml



#8 AR-1221-1

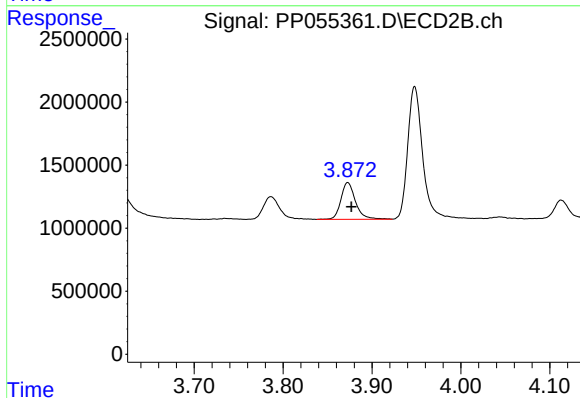
R.T.: 3.786 min
Delta R.T.: -0.005 min
Response: 2290988
Conc: 115.55 ng/ml



#9 AR-1221-2

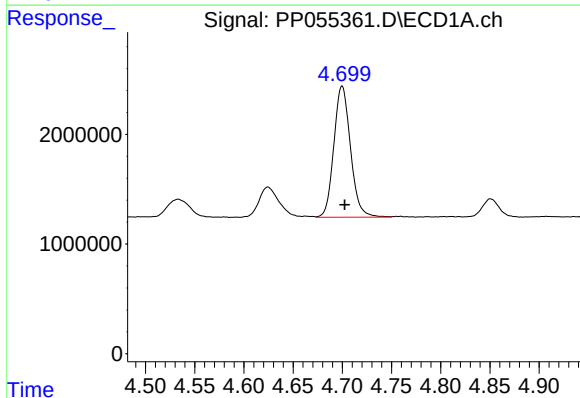
R.T.: 4.624 min
Delta R.T.: -0.002 min
Response: 3935219
Conc: 221.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



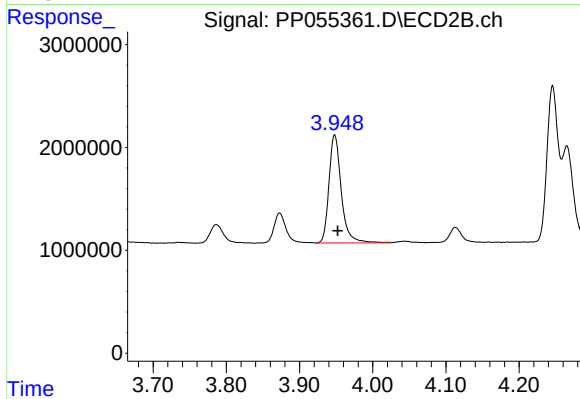
#9 AR-1221-2

R.T.: 3.873 min
Delta R.T.: -0.004 min
Response: 3321994
Conc: 224.12 ng/ml



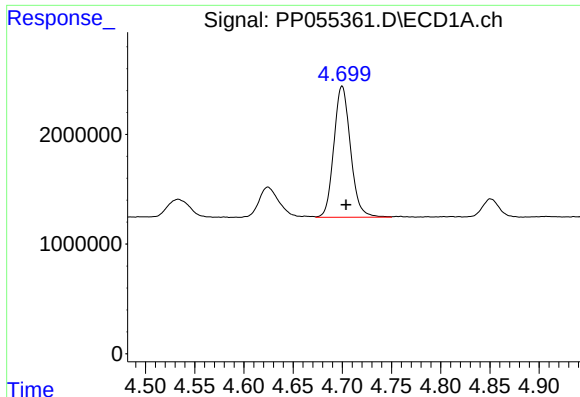
#10 AR-1221-3

R.T.: 4.700 min
Delta R.T.: -0.003 min
Response: 14097467
Conc: 261.99 ng/ml



#10 AR-1221-3

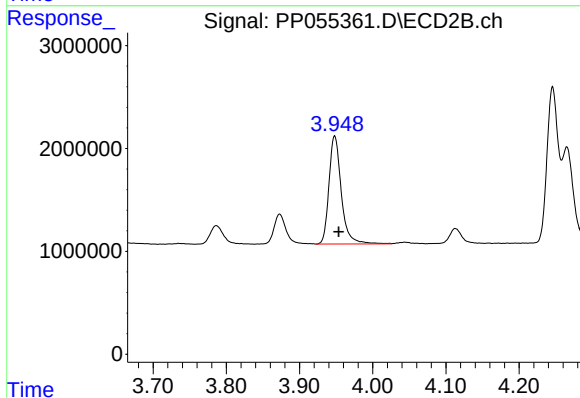
R.T.: 3.948 min
Delta R.T.: -0.004 min
Response: 12314719
Conc: 272.97 ng/ml



#11 AR-1232-1

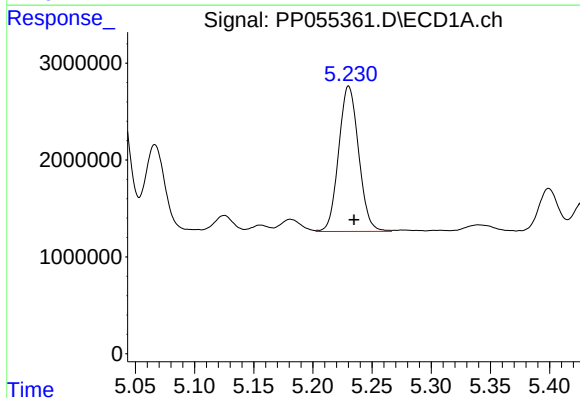
R.T.: 4.700 min
Delta R.T.: -0.004 min
Response: 14097467
Conc: 317.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



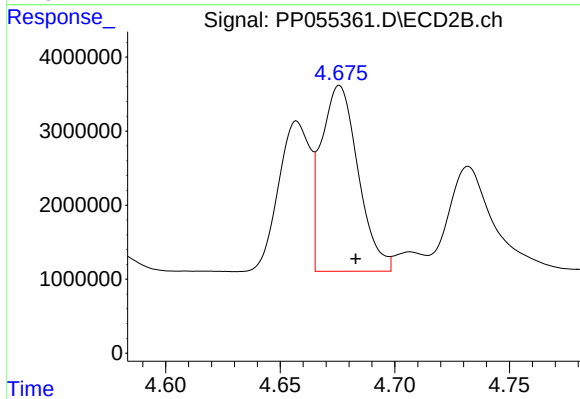
#11 AR-1232-1

R.T.: 3.948 min
Delta R.T.: -0.005 min
Response: 12314719
Conc: 334.10 ng/ml



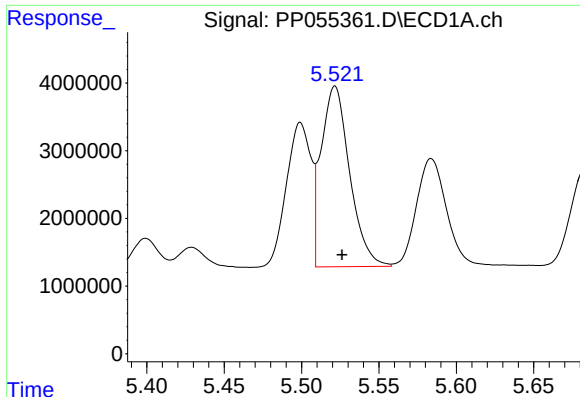
#12 AR-1232-2

R.T.: 5.230 min
Delta R.T.: -0.005 min
Response: 17629430
Conc: 779.55 ng/ml



#12 AR-1232-2

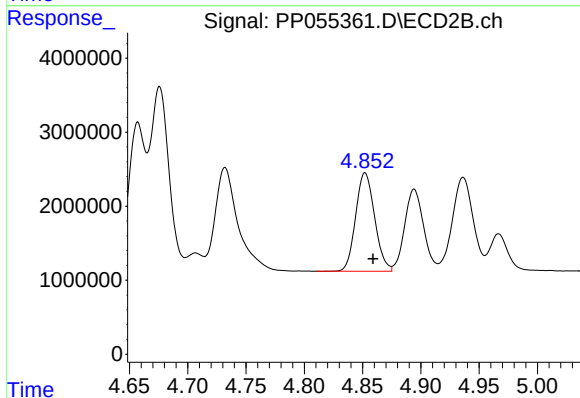
R.T.: 4.676 min
Delta R.T.: -0.007 min
Response: 28092834
Conc: 879.48 ng/ml



#13 AR-1232-3

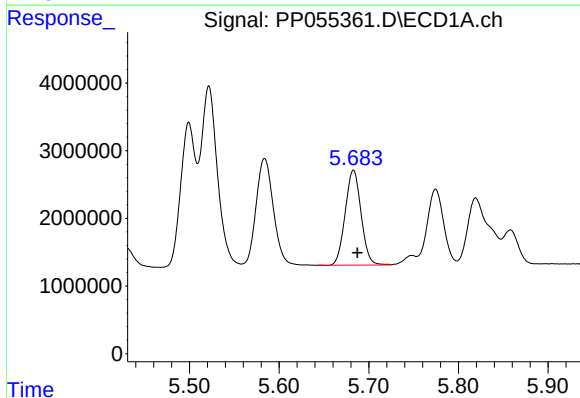
R.T.: 5.522 min
Delta R.T.: -0.004 min
Response: 34225613
Conc: 779.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



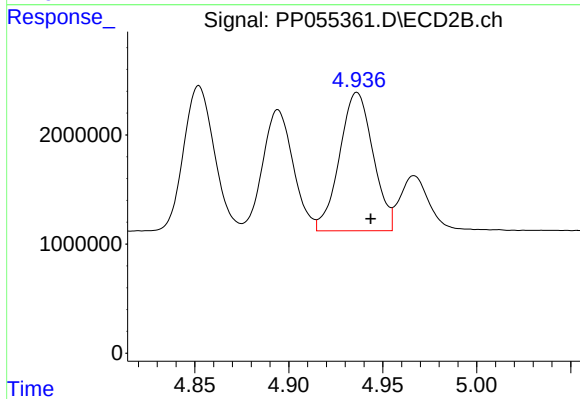
#13 AR-1232-3

R.T.: 4.852 min
Delta R.T.: -0.007 min
Response: 15089270
Conc: 905.12 ng/ml



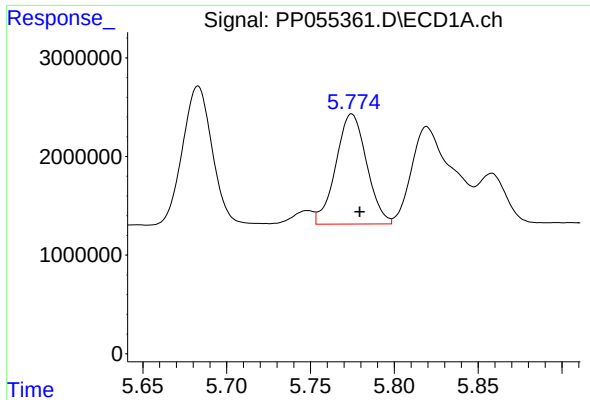
#14 AR-1232-4

R.T.: 5.683 min
Delta R.T.: -0.005 min
Response: 17270363
Conc: 780.26 ng/ml



#14 AR-1232-4

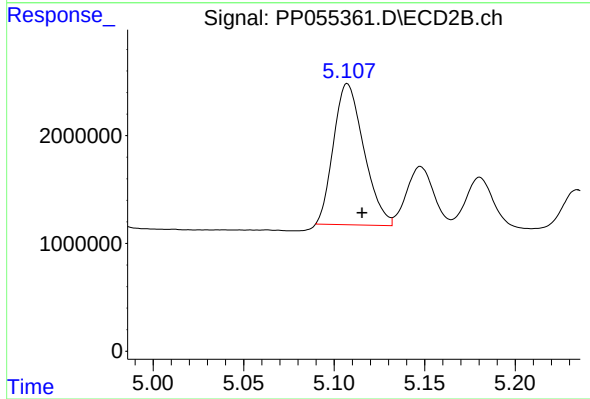
R.T.: 4.936 min
Delta R.T.: -0.007 min
Response: 15738751
Conc: 975.98 ng/ml



#15 AR-1232-5

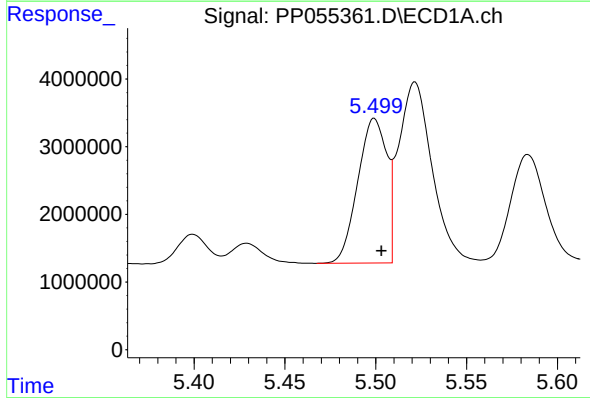
R.T.: 5.775 min
Delta R.T.: -0.005 min
Response: 14252488
Conc: 814.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



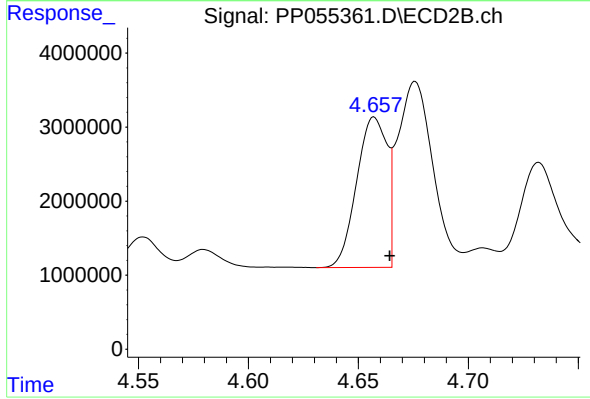
#15 AR-1232-5

R.T.: 5.107 min
Delta R.T.: -0.008 min
Response: 15264804
Conc: 864.30 ng/ml



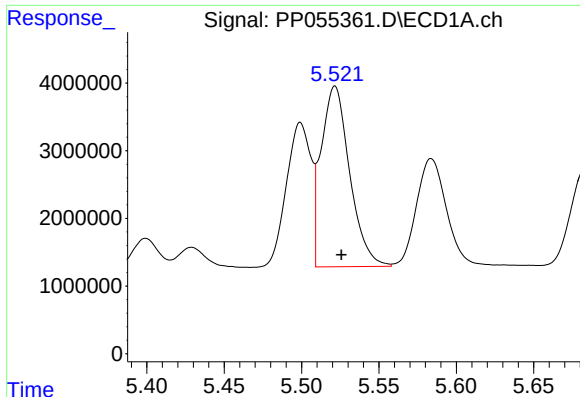
#16 AR-1242-1

R.T.: 5.499 min
Delta R.T.: -0.004 min
Response: 23752418
Conc: 424.24 ng/ml



#16 AR-1242-1

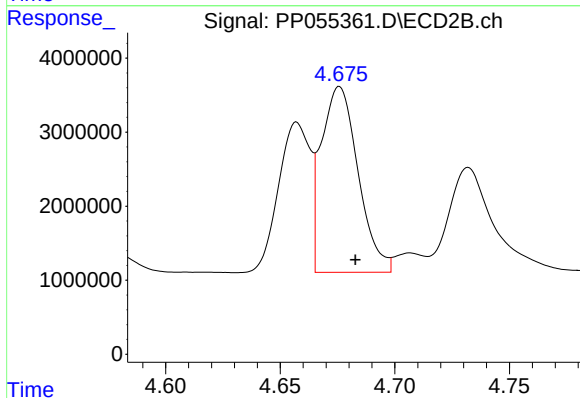
R.T.: 4.657 min
Delta R.T.: -0.007 min
Response: 19516671
Conc: 476.46 ng/ml



#17 AR-1242-2

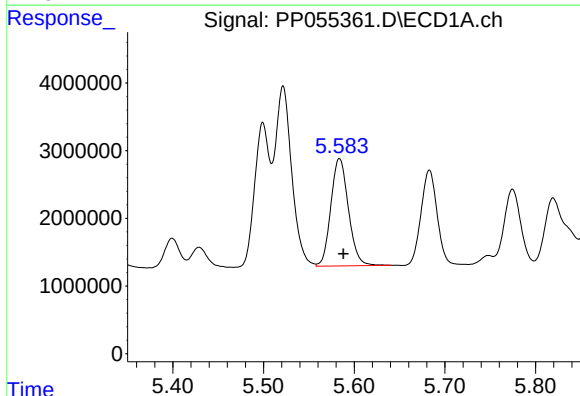
R.T.: 5.522 min
Delta R.T.: -0.004 min
Response: 34225613
Conc: 428.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



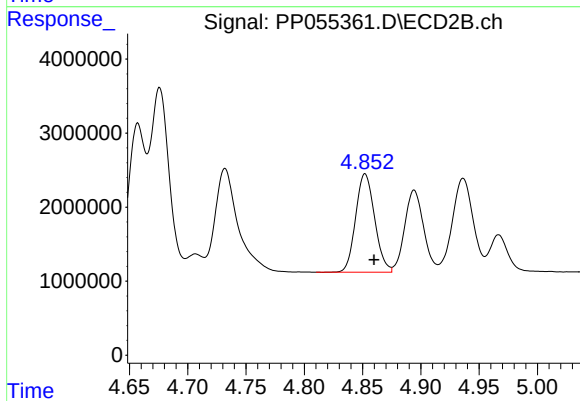
#17 AR-1242-2

R.T.: 4.676 min
Delta R.T.: -0.007 min
Response: 28092834
Conc: 491.98 ng/ml



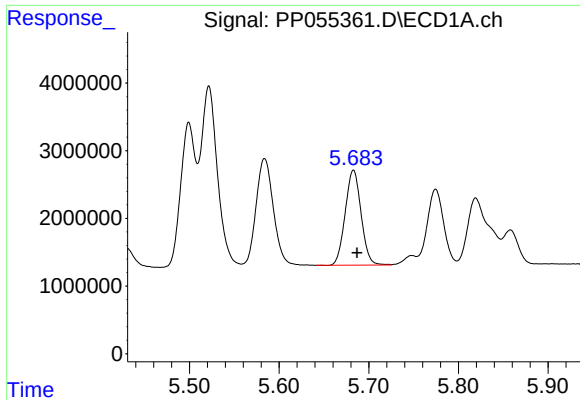
#18 AR-1242-3

R.T.: 5.584 min
Delta R.T.: -0.004 min
Response: 21442110
Conc: 431.77 ng/ml



#18 AR-1242-3

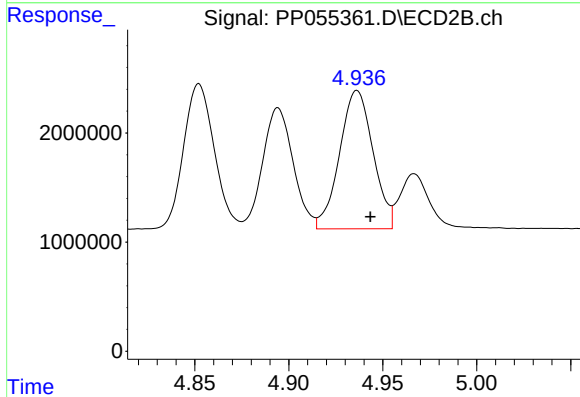
R.T.: 4.852 min
Delta R.T.: -0.008 min
Response: 15089270
Conc: 488.84 ng/ml



#19 AR-1242-4

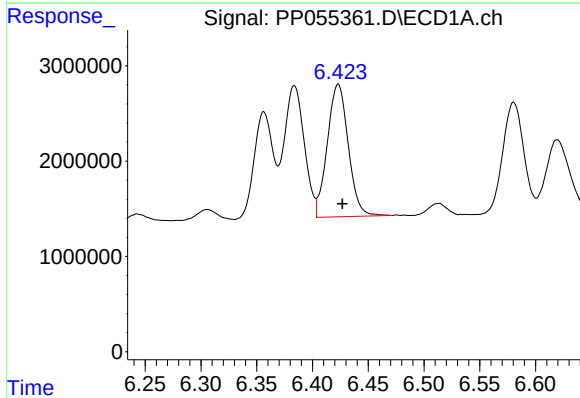
R.T.: 5.683 min
Delta R.T.: -0.004 min
Response: 17270363
Conc: 430.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



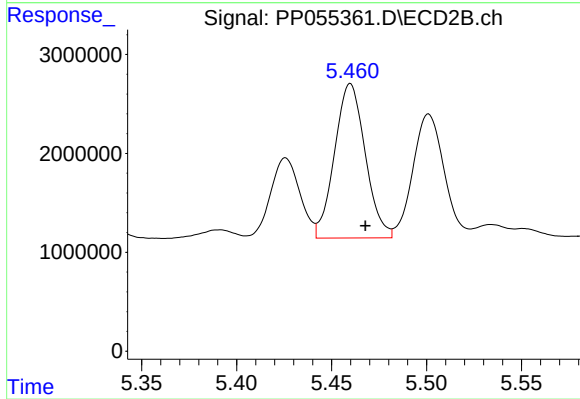
#19 AR-1242-4

R.T.: 4.936 min
Delta R.T.: -0.007 min
Response: 15738751
Conc: 484.46 ng/ml



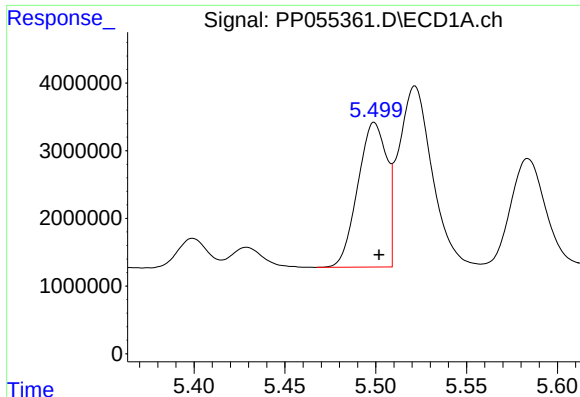
#20 AR-1242-5

R.T.: 6.423 min
Delta R.T.: -0.004 min
Response: 18238464
Conc: 410.19 ng/ml



#20 AR-1242-5

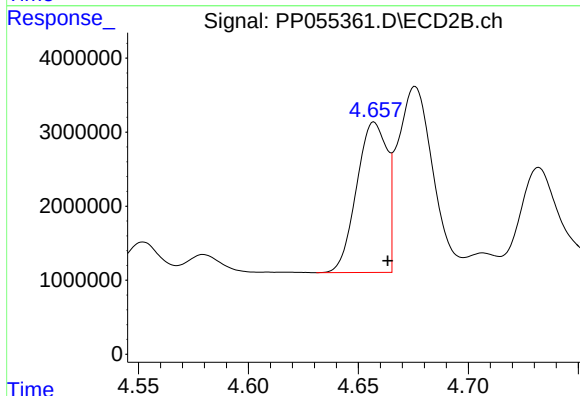
R.T.: 5.460 min
Delta R.T.: -0.008 min
Response: 17563468
Conc: 469.97 ng/ml



#21 AR-1248-1

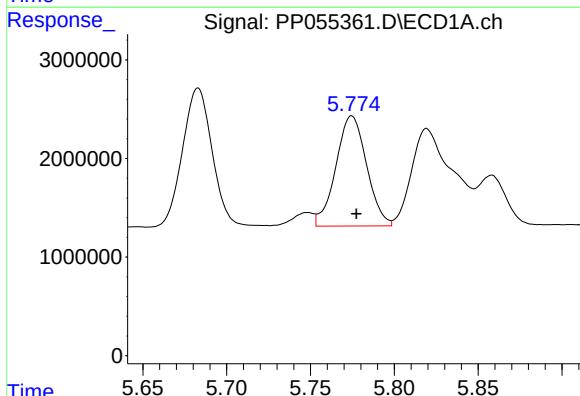
R.T.: 5.499 min
Delta R.T.: -0.003 min
Response: 23752418
Conc: 569.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



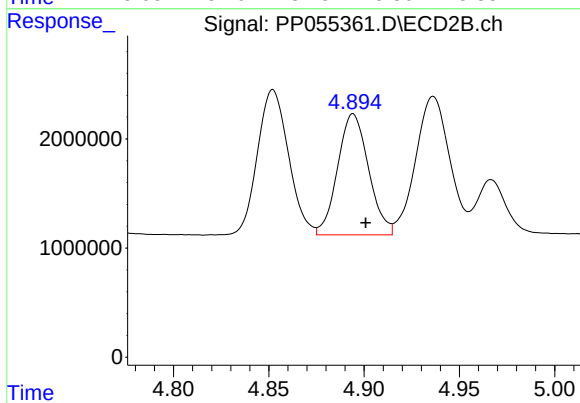
#21 AR-1248-1

R.T.: 4.657 min
Delta R.T.: -0.006 min
Response: 19516671
Conc: 629.51 ng/ml



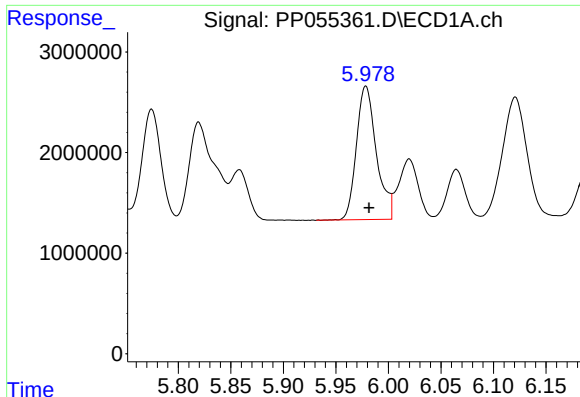
#22 AR-1248-2

R.T.: 5.775 min
Delta R.T.: -0.003 min
Response: 14252488
Conc: 224.19 ng/ml



#22 AR-1248-2

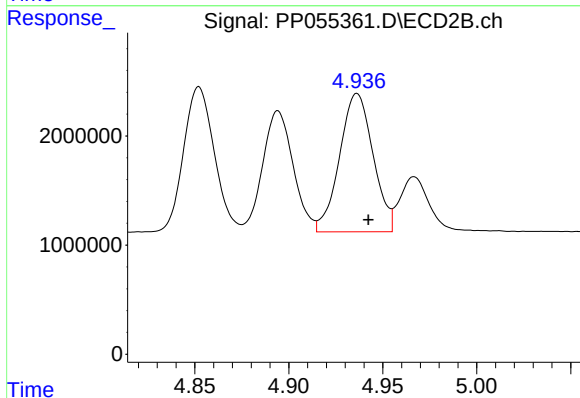
R.T.: 4.894 min
Delta R.T.: -0.007 min
Response: 12541927
Conc: 274.28 ng/ml



#23 AR-1248-3

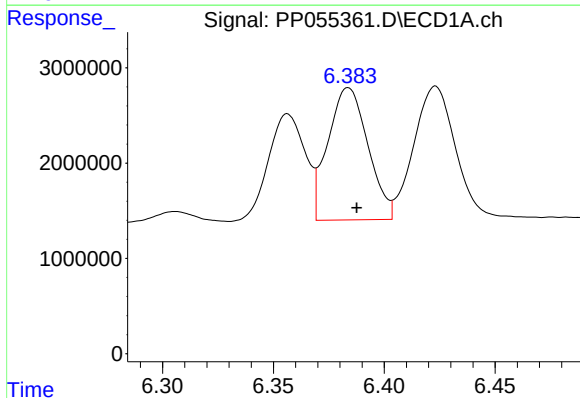
R.T.: 5.979 min
Delta R.T.: -0.003 min
Response: 17571606
Conc: 254.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



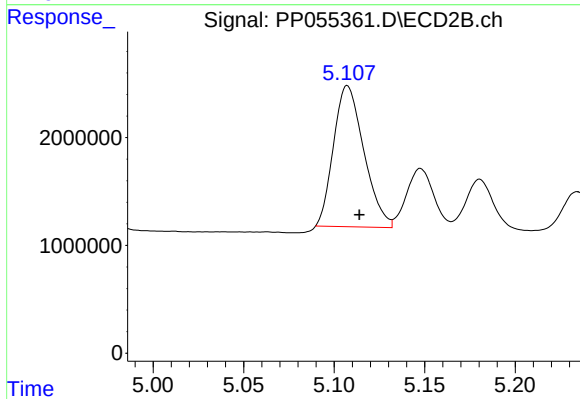
#23 AR-1248-3

R.T.: 4.936 min
Delta R.T.: -0.006 min
Response: 15738751
Conc: 330.14 ng/ml



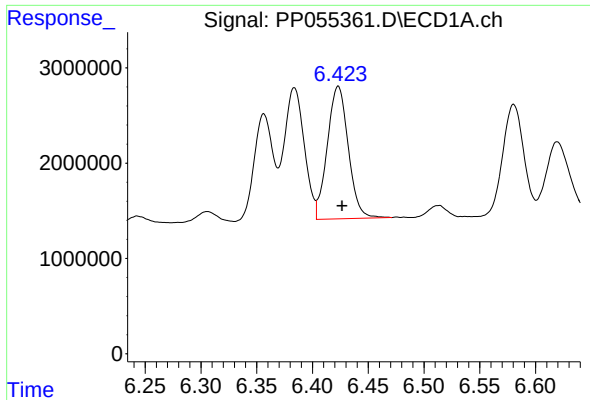
#24 AR-1248-4

R.T.: 6.384 min
Delta R.T.: -0.004 min
Response: 17423205
Conc: 229.75 ng/ml



#24 AR-1248-4

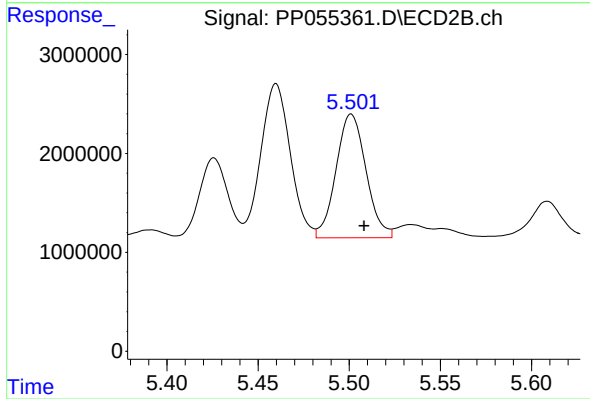
R.T.: 5.107 min
Delta R.T.: -0.007 min
Response: 15264804
Conc: 276.40 ng/ml



#25 AR-1248-5

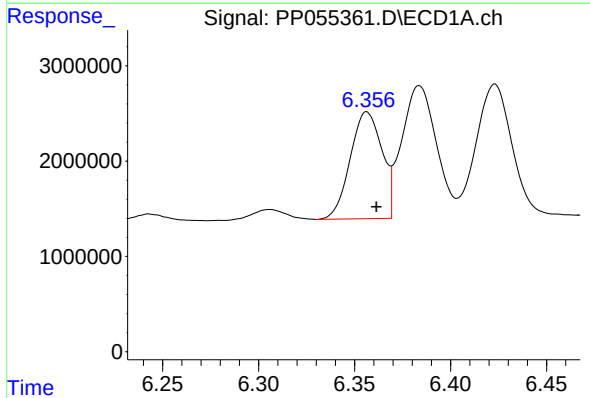
R.T.: 6.423 min
Delta R.T.: -0.003 min
Response: 18238464
Conc: 247.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



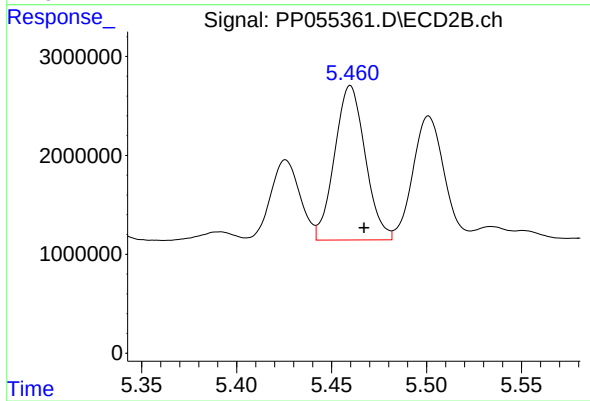
#25 AR-1248-5

R.T.: 5.501 min
Delta R.T.: -0.007 min
Response: 14360688
Conc: 292.06 ng/ml



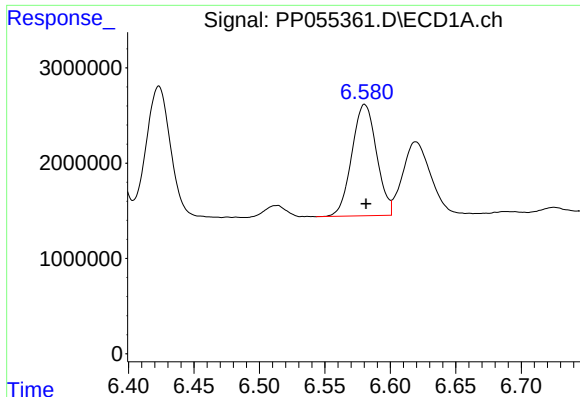
#26 AR-1254-1

R.T.: 6.356 min
Delta R.T.: -0.005 min
Response: 12964438
Conc: 164.33 ng/ml



#26 AR-1254-1

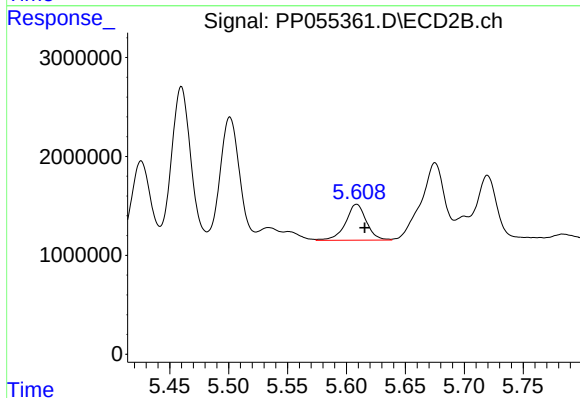
R.T.: 5.460 min
Delta R.T.: -0.007 min
Response: 17563468
Conc: 217.48 ng/ml



#27 AR-1254-2

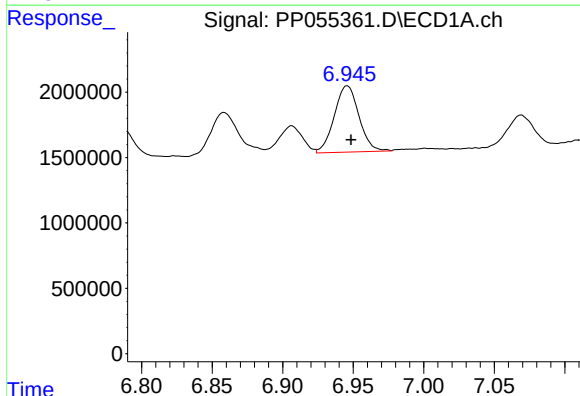
R.T.: 6.580 min
Delta R.T.: 0.000 min
Response: 15376571
Conc: 127.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



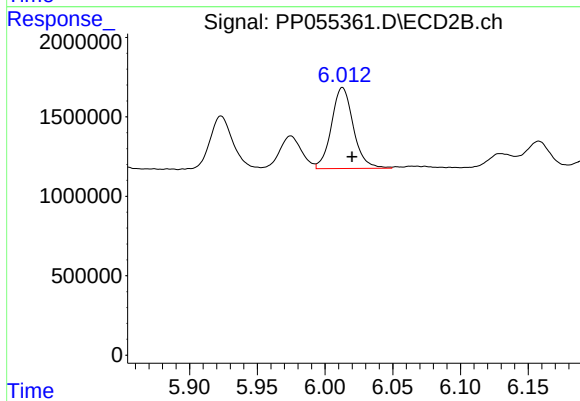
#27 AR-1254-2

R.T.: 5.609 min
Delta R.T.: -0.007 min
Response: 4494601
Conc: 62.81 ng/ml



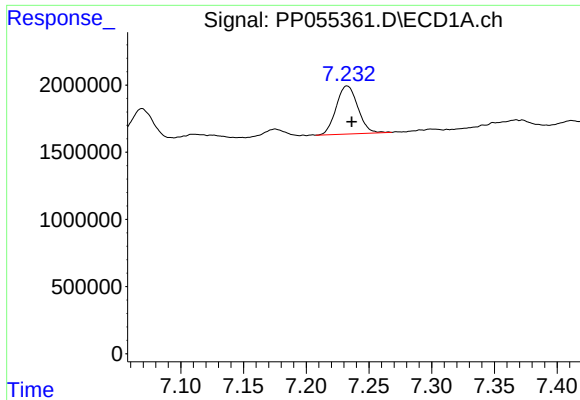
#28 AR-1254-3

R.T.: 6.946 min
Delta R.T.: -0.003 min
Response: 6179688
Conc: 50.45 ng/ml



#28 AR-1254-3

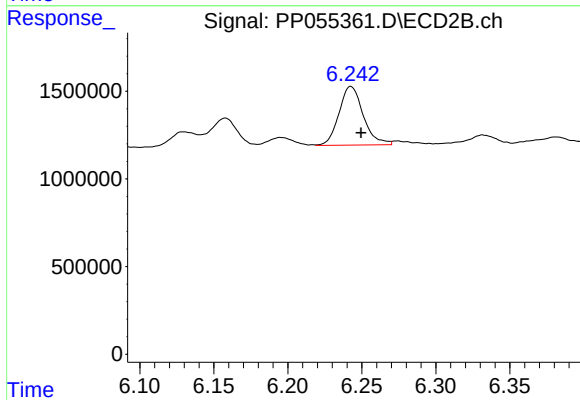
R.T.: 6.013 min
Delta R.T.: -0.007 min
Response: 5742937
Conc: 51.55 ng/ml



#29 AR-1254-4

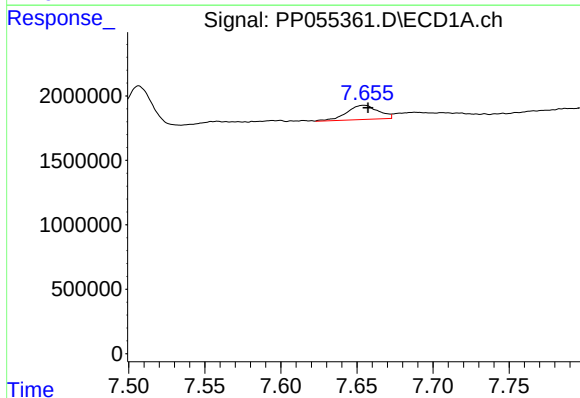
R.T.: 7.233 min
Delta R.T.: -0.004 min
Response: 4297888
Conc: 48.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



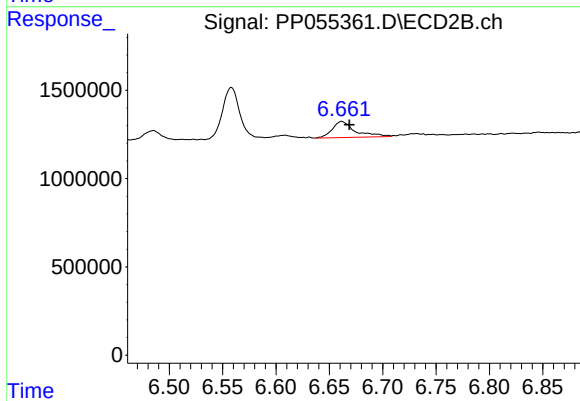
#29 AR-1254-4

R.T.: 6.243 min
Delta R.T.: -0.007 min
Response: 3806469
Conc: 61.89 ng/ml



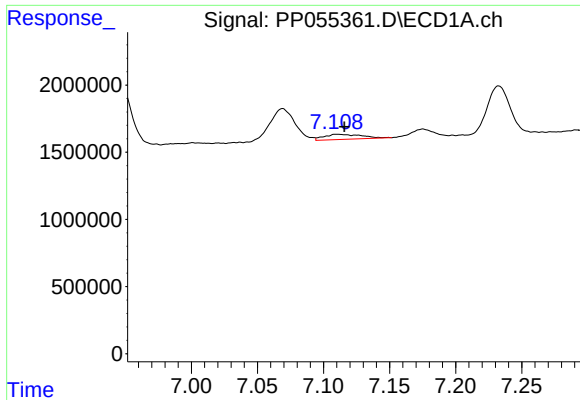
#30 AR-1254-5

R.T.: 7.655 min
Delta R.T.: -0.003 min
Response: 1577297
Conc: 15.59 ng/ml



#30 AR-1254-5

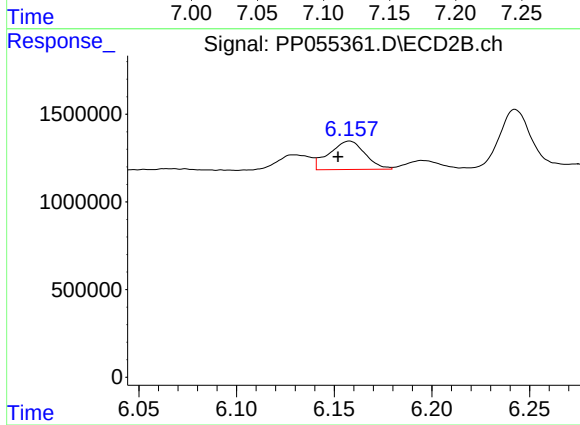
R.T.: 6.662 min
Delta R.T.: -0.007 min
Response: 1376095
Conc: 14.52 ng/ml



#31 AR-1260-1

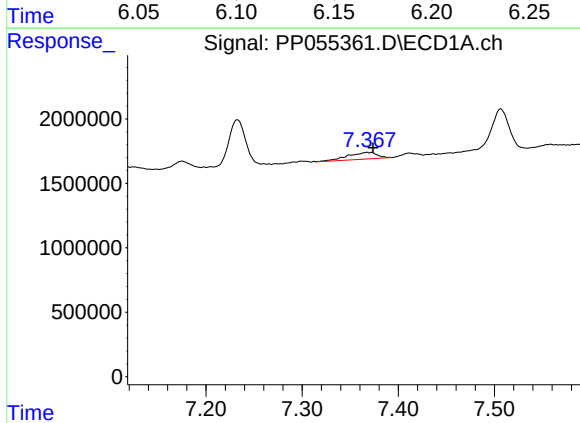
R.T.: 7.110 min
Delta R.T.: -0.005 min
Response: 750471
Conc: 7.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



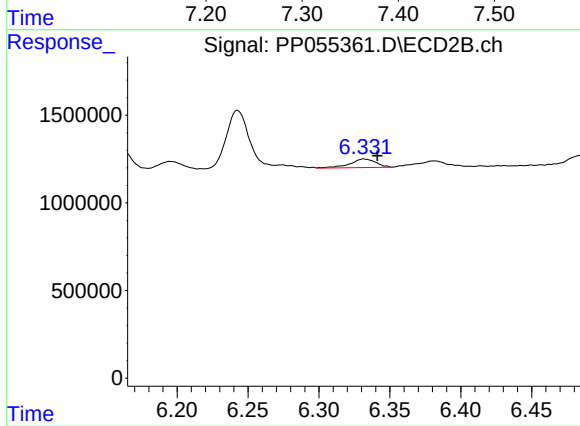
#31 AR-1260-1

R.T.: 6.158 min
Delta R.T.: 0.006 min
Response: 2061503
Conc: 26.58 ng/ml



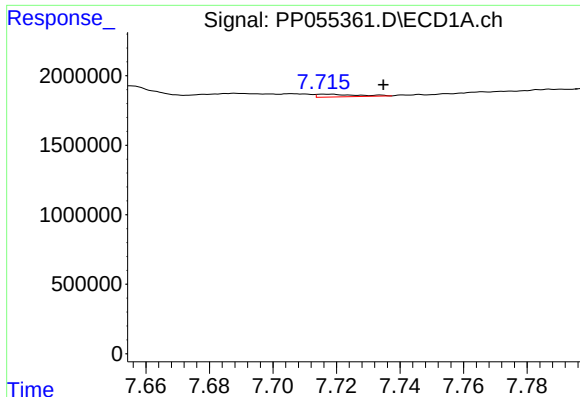
#32 AR-1260-2

R.T.: 7.367 min
Delta R.T.: -0.006 min
Response: 1093270
Conc: 9.71 ng/ml



#32 AR-1260-2

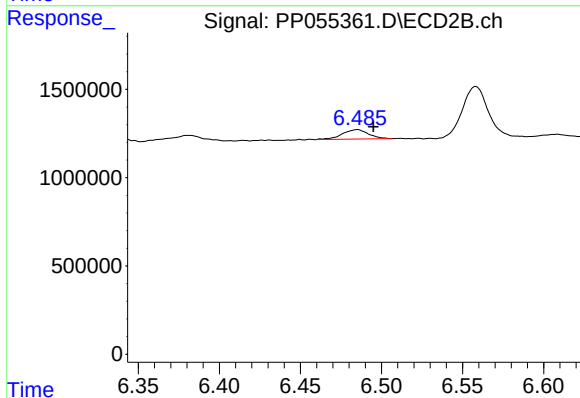
R.T.: 6.332 min
Delta R.T.: -0.010 min
Response: 616798
Conc: 6.86 ng/ml



#33 AR-1260-3

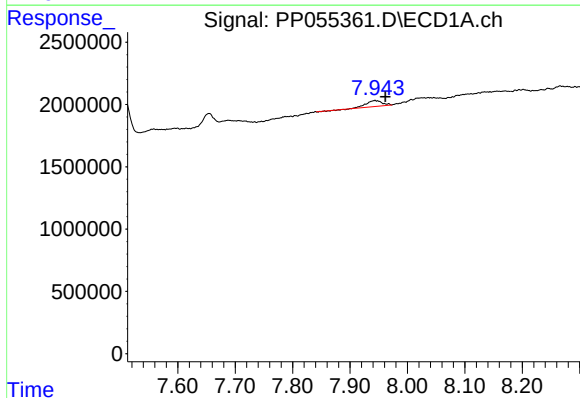
R.T.: 7.717 min
Delta R.T.: -0.018 min
Response: 172239
Conc: 2.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



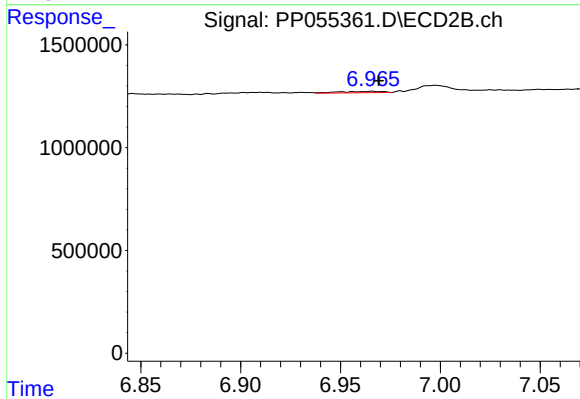
#33 AR-1260-3

R.T.: 6.485 min
Delta R.T.: -0.010 min
Response: 604340
Conc: 7.12 ng/ml



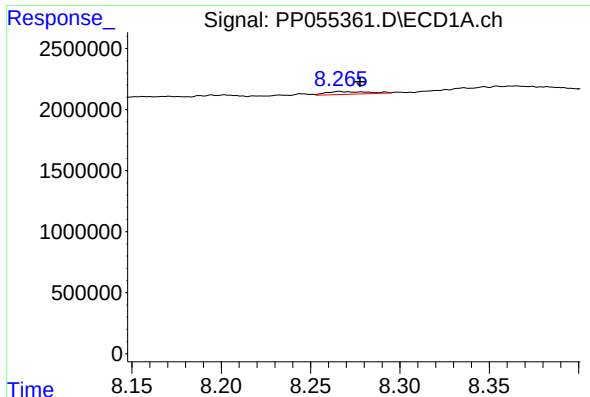
#34 AR-1260-4

R.T.: 7.943 min
Delta R.T.: -0.018 min
Response: 879936
Conc: 9.06 ng/ml



#34 AR-1260-4

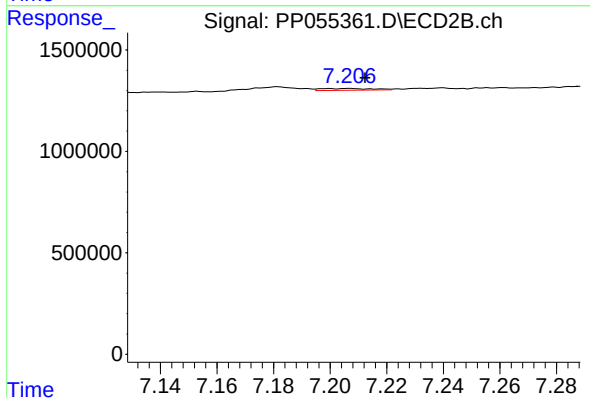
R.T.: 6.966 min
Delta R.T.: -0.003 min
Response: 110402
Conc: 1.54 ng/ml



#35 AR-1260-5

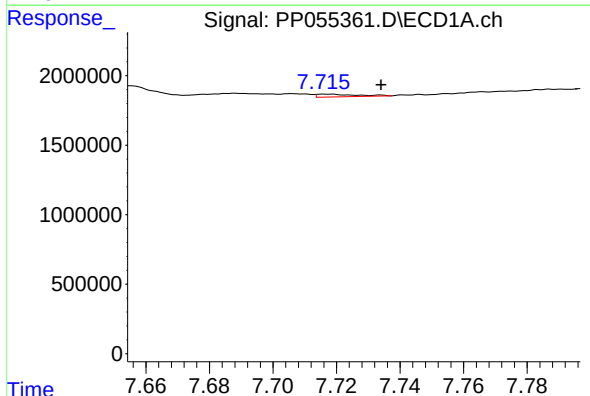
R.T.: 8.266 min
Delta R.T.: -0.012 min
Response: 357868
Conc: 2.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



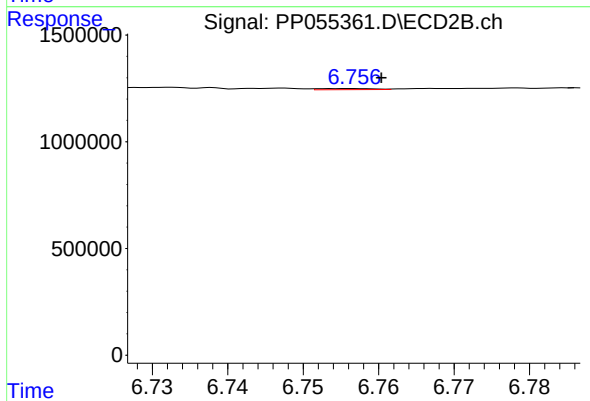
#35 AR-1260-5

R.T.: 7.207 min
Delta R.T.: -0.006 min
Response: 108880
Conc: 0.71 ng/ml



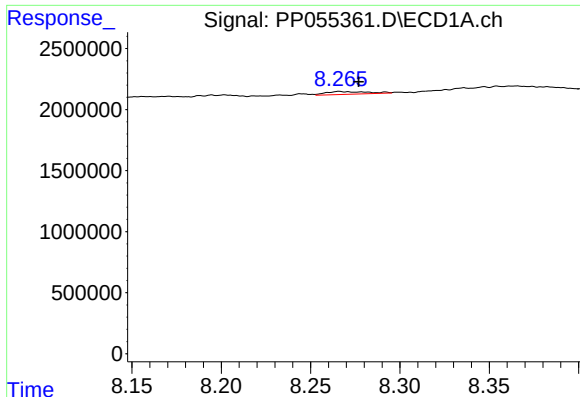
#36 AR-1262-1

R.T.: 7.717 min
Delta R.T.: -0.017 min
Response: 172239
Conc: 1.46 ng/ml



#36 AR-1262-1

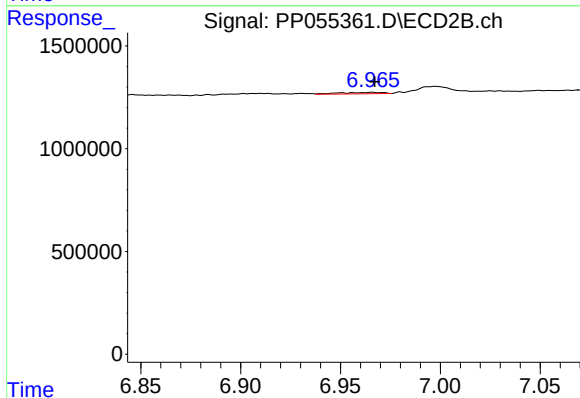
R.T.: 6.756 min
Delta R.T.: -0.005 min
Response: 25696
Conc: 0.60 ng/ml



#37 AR-1262-2

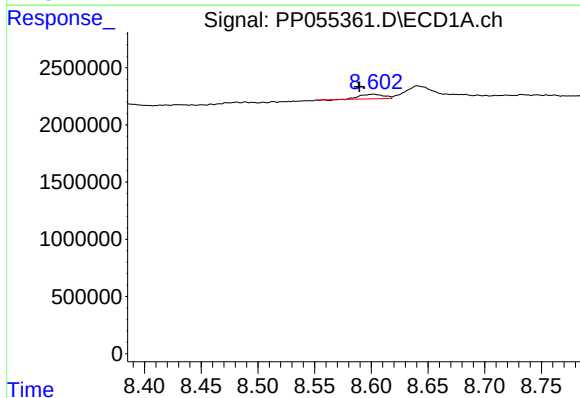
R.T.: 8.266 min
Delta R.T.: -0.011 min
Response: 357868
Conc: 1.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



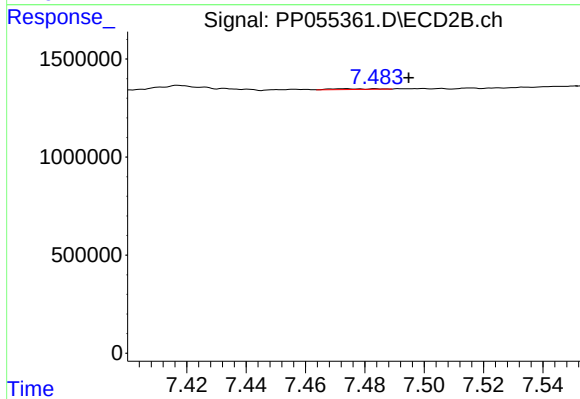
#37 AR-1262-2

R.T.: 6.966 min
Delta R.T.: -0.001 min
Response: 110402
Conc: 1.19 ng/ml



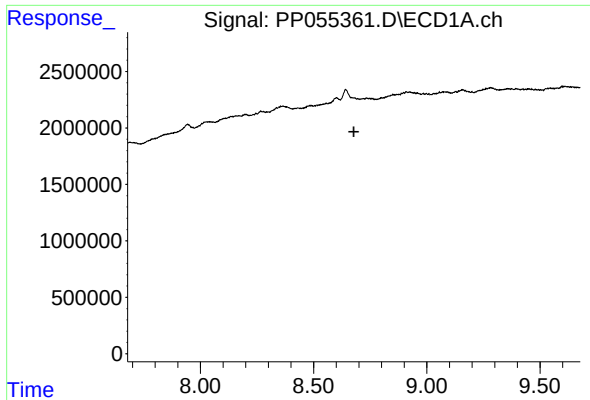
#38 AR-1262-3

R.T.: 8.602 min
Delta R.T.: 0.012 min
Response: 584743
Conc: 4.20 ng/ml



#38 AR-1262-3

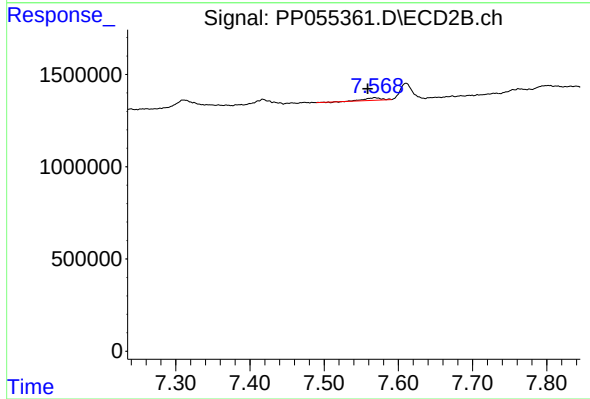
R.T.: 7.473 min
Delta R.T.: -0.021 min
Response: 34459
Conc: 0.47 ng/ml



#39 AR-1262-4

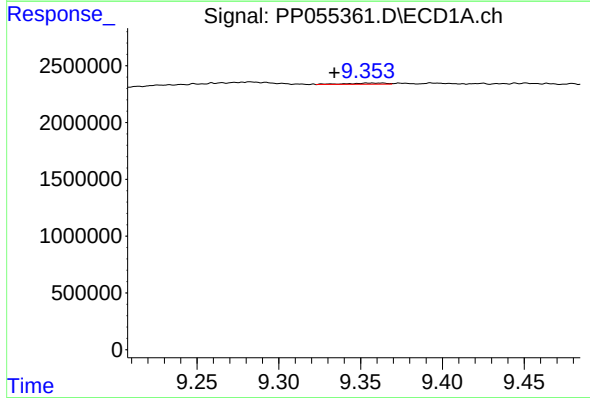
R.T.: 0.000 min
Exp R.T.: 8.678 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



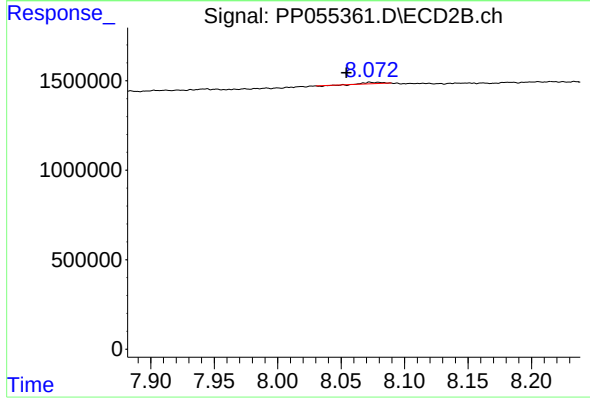
#39 AR-1262-4

R.T.: 7.568 min
Delta R.T.: 0.009 min
Response: 214075
Conc: 1.64 ng/ml



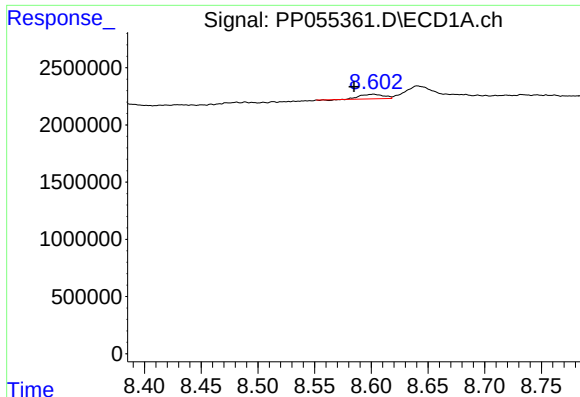
#40 AR-1262-5

R.T.: 9.357 min
Delta R.T.: 0.023 min
Response: 182958
Conc: 2.56 ng/ml



#40 AR-1262-5

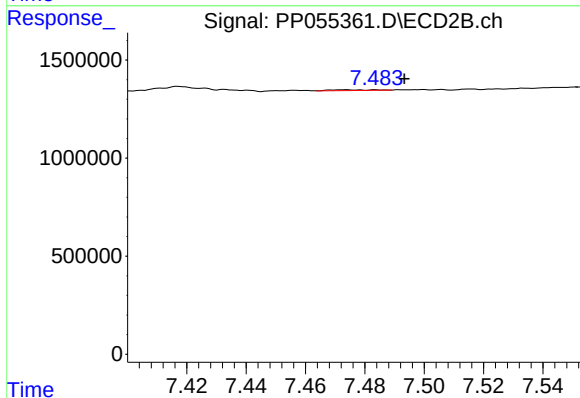
R.T.: 8.073 min
Delta R.T.: 0.019 min
Response: 70474
Conc: 1.19 ng/ml



#41 AR-1268-1

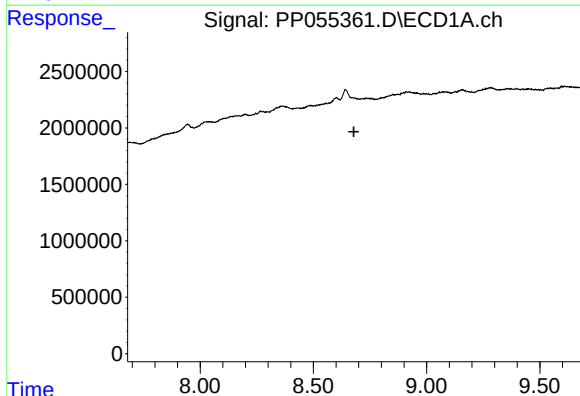
R.T.: 8.602 min
Delta R.T.: 0.017 min
Response: 584743
Conc: 2.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



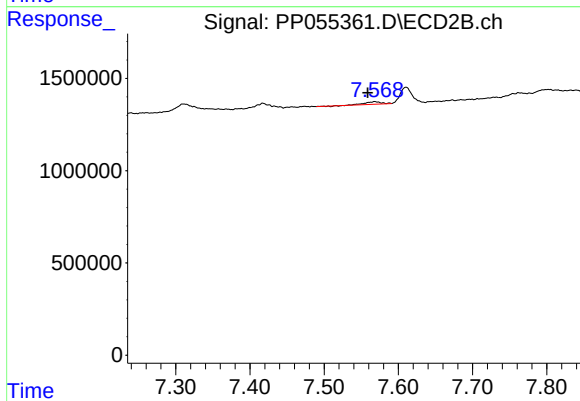
#41 AR-1268-1

R.T.: 7.473 min
Delta R.T.: -0.020 min
Response: 34459
Conc: 0.16 ng/ml



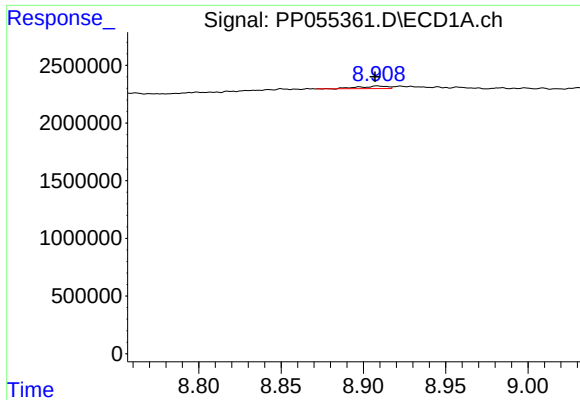
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.679 min
Response: 0
Conc: N.D.



#42 AR-1268-2

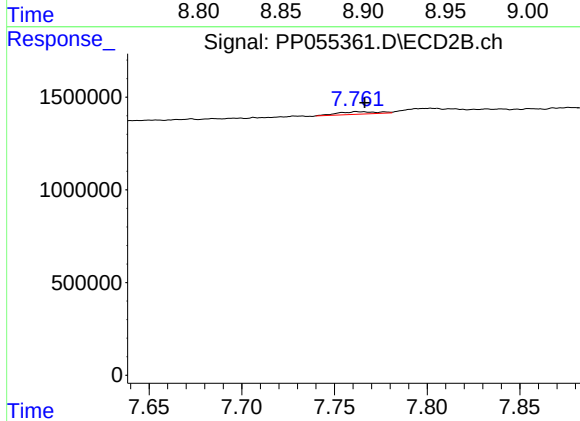
R.T.: 7.568 min
Delta R.T.: 0.009 min
Response: 214075
Conc: 1.10 ng/ml



#43 AR-1268-3

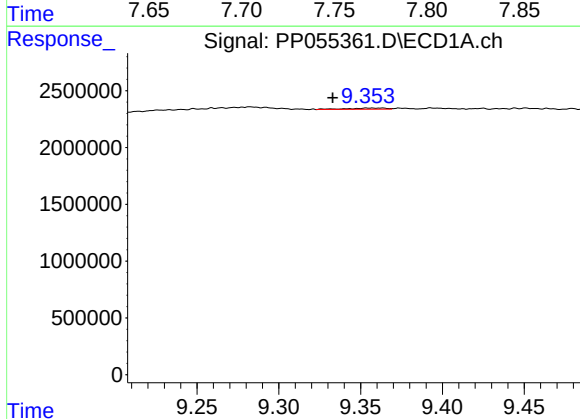
R.T.: 8.908 min
Delta R.T.: 0.001 min
Response: 258455
Conc: 1.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



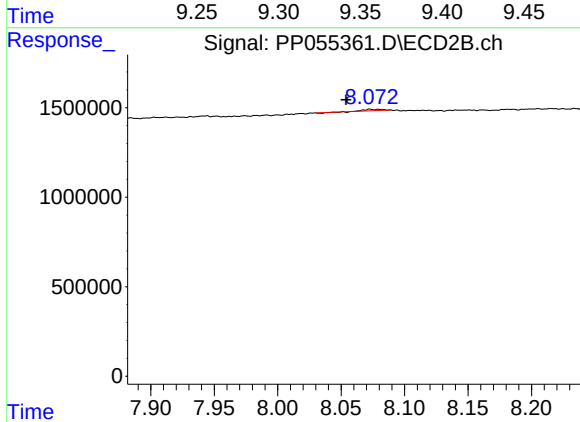
#43 AR-1268-3

R.T.: 7.762 min
Delta R.T.: -0.004 min
Response: 203364
Conc: 1.18 ng/ml



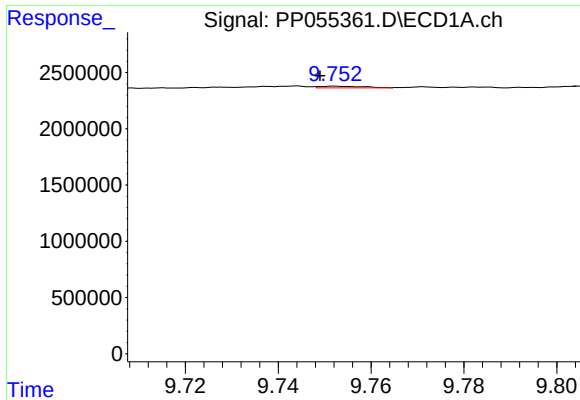
#44 AR-1268-4

R.T.: 9.357 min
Delta R.T.: 0.024 min
Response: 182958
Conc: 2.33 ng/ml



#44 AR-1268-4

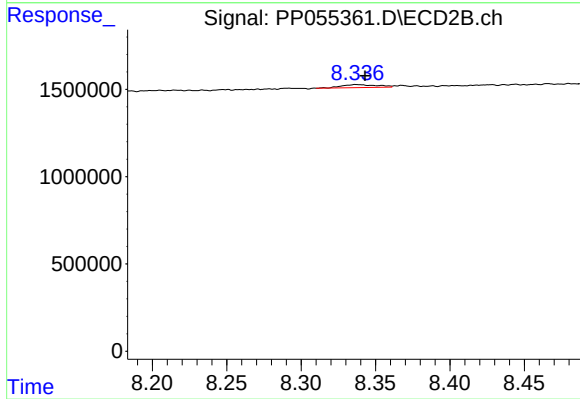
R.T.: 8.073 min
Delta R.T.: 0.019 min
Response: 70474
Conc: 1.10 ng/ml



#45 AR-1268-5

R.T.: 9.752 min
Delta R.T.: 0.003 min
Response: 98413
Conc: 0.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.337 min
Delta R.T.: -0.006 min
Response: 278625
Conc: 0.53 ng/ml