

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102320\
 Data File : PR048105.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Oct 2020 14:08
 Operator : AJ\MA
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 24 02:53:42 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR102120CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 21 10:52:16 2020
 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...	4.728	3.880	42121803	60871002	23.319	22.541
2)	SA Decachlor...	10.664	8.982	77586885	431.3E6	38.520	38.546
Target Compounds							
3)	L1 AR-1016-1	5.907	4.972	32766426	30624306	432.446	419.189
4)	L1 AR-1016-2	5.930	4.992	46801760	61700121	439.658	418.300
5)	L1 AR-1016-3	5.993	5.168	28415303	35691277	435.829	463.435
6)	L1 AR-1016-4	6.093	5.209	23740603	16799951	445.207	410.370
7)	L1 AR-1016-5	6.388	5.426	23338291	31674361	433.983	432.383
8)	L2 AR-1221-1	4.933	4.091	2650914	3654522	122.411	123.773
9)	L2 AR-1221-2	5.025	4.179	3523116	4727821	227.465	221.275
10)	L2 AR-1221-3	5.103	4.255	15999227	19461293	301.717	286.626
11)	L3 AR-1232-1	5.103	4.255	15999227	19461293	362.328	341.639
12)	L3 AR-1232-2	5.639	4.992	22128226	61700121	956.776	944.253
13)	L3 AR-1232-3	5.930	5.168	46801760	35691277	982.215	1024.594
14)	L3 AR-1232-4	6.093	5.253	23740603	23996733	987.135	1011.731
15)	L3 AR-1232-5	6.180	5.426	21406099	31674361	1133.258	989.746
16)	L4 AR-1242-1	5.907	4.972	32766426	30624306	515.352	498.526
17)	L4 AR-1242-2	5.930	4.992	46801760	61700121	525.615	518.886
18)	L4 AR-1242-3	5.993	5.168	28415303	35691277	519.384	521.536
19)	L4 AR-1242-4	6.093	5.253	23740603	23996733	529.060	483.283
20)	L4 AR-1242-5	6.833	5.780	3833000	24298941	71.939	284.382 #
21)	L5 AR-1248-1	5.907	4.972	32766426	30624306	699.638	671.022
22)	L5 AR-1248-2	6.180	5.209	21406099	16799951	319.654	291.470
23)	L5 AR-1248-3	6.388	5.253	23338291	23996733	314.076	337.877
24)	L5 AR-1248-4	6.792	5.426	4064281	31674361	45.109	321.485 #
25)	L5 AR-1248-5	6.833	5.821	3833000	6748941	44.380	44.787
26)	L6 AR-1254-1	6.767	5.780	17823926	24298941	192.159	151.460
27)	L6 AR-1254-2	6.983	5.928	18496050	26685091	128.371	162.841 #
28)	L6 AR-1254-3	7.355	6.351	11490324	93889064	74.937	261.313 #
29)	L6 AR-1254-4	7.641	6.565	8721494	22236819	73.541	46.303 #
30)	L6 AR-1254-5	8.060	6.986	59071772	242.9E6	463.898	390.357
31)	L7 AR-1260-1	7.517	6.467	42073636	81453192	410.077	459.464
32)	L7 AR-1260-2	7.773	6.655	50855711	281.0E6	400.819	466.742
33)	L7 AR-1260-3	8.135	6.811	39130489	167.5E6	404.172	452.714
34)	L7 AR-1260-4	8.374	7.288	44613219	196.1E6	407.726	433.279
35)	L7 AR-1260-5	8.713	7.531	87569518	754.1E6	385.347	400.277
36)	L8 AR-1262-1	8.135	6.986	39130489	242.9E6	278.312	755.733 #
37)	L8 AR-1262-2	8.713	7.531	87569518	754.1E6	347.228	362.734
38)	L8 AR-1262-3	9.066	7.819	57977846	166.4E6	332.957	201.517 #
39)	L8 AR-1262-4	9.124	7.884	37230830	476.2E6	281.548	355.706 #
40)	L8 AR-1262-5	9.851	8.398	27284896	177.1E6	284.611	278.828
41)	L9 AR-1268-1	9.066	7.819	57977846	166.4E6	190.626	66.986 #

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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR102120CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 21 10:52:16 2020
 Response via : Initial Calibration
 Integrator: ChemStation

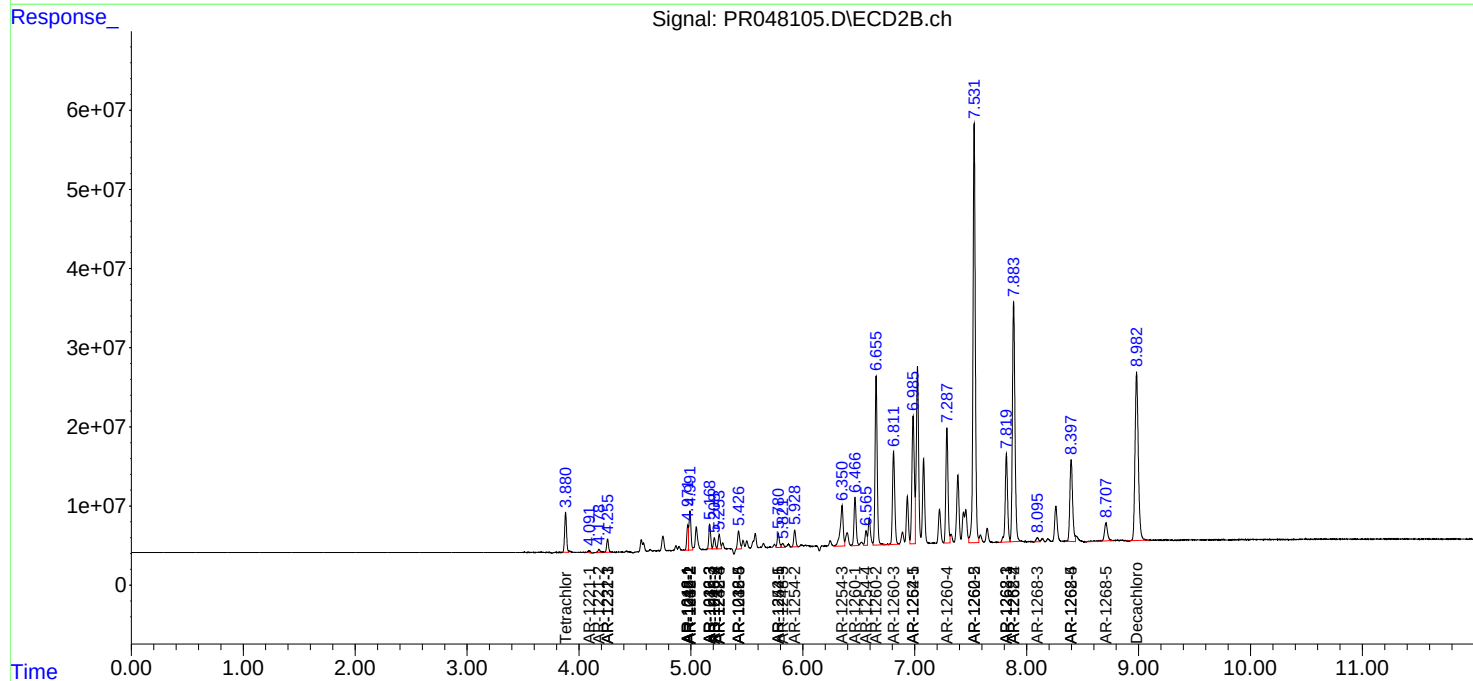
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

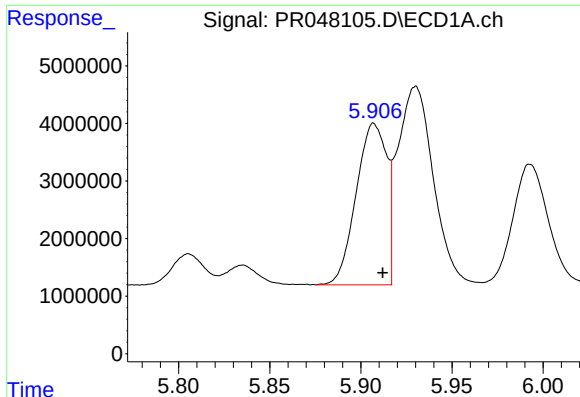
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.124	7.884	37230830	476.2E6	132.297	227.933 #
43) L9	AR-1268-3	9.389	8.096	1155785	8509259	4.784	4.558
44) L9	AR-1268-4	9.851	8.398	27284896	177.1E6	250.905	242.904
45) L9	AR-1268-5	10.297	8.708	7937606	46402440	10.126	8.595

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

Instrument :
ECD_R
ClientSampleId :

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

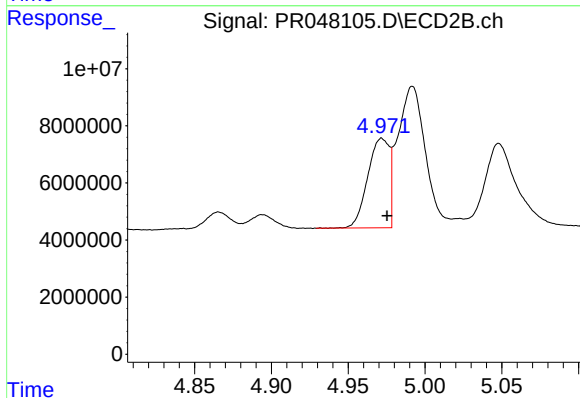




#3 AR-1016-1

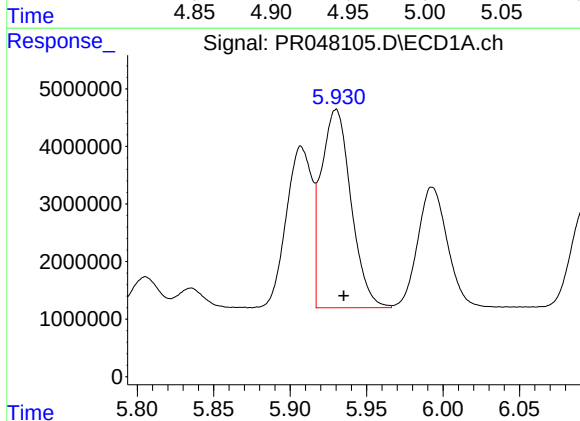
R.T.: 5.907 min
Delta R.T.: -0.005 min
Response: 32766426
Conc: 432.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



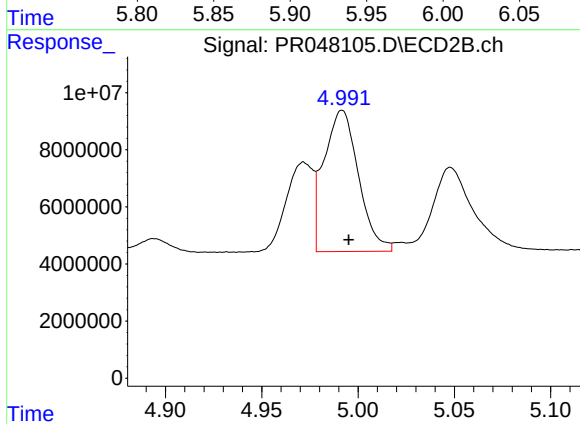
#3 AR-1016-1

R.T.: 4.972 min
Delta R.T.: -0.003 min
Response: 30624306
Conc: 419.19 ng/ml



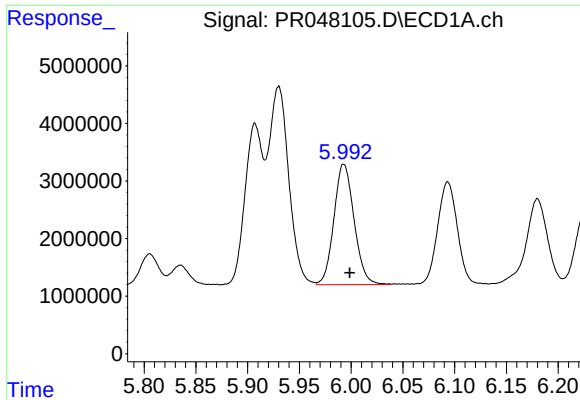
#4 AR-1016-2

R.T.: 5.930 min
Delta R.T.: -0.005 min
Response: 46801760
Conc: 439.66 ng/ml



#4 AR-1016-2

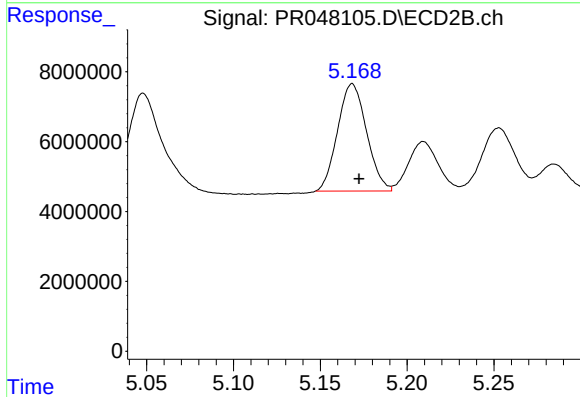
R.T.: 4.992 min
Delta R.T.: -0.003 min
Response: 61700121
Conc: 418.30 ng/ml



#5 AR-1016-3

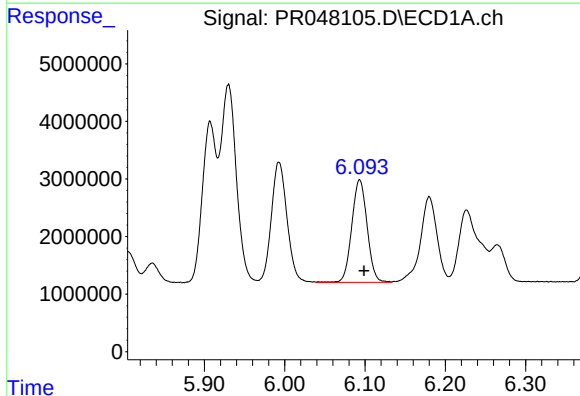
R.T.: 5.993 min
Delta R.T.: -0.006 min
Response: 28415303
Conc: 435.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



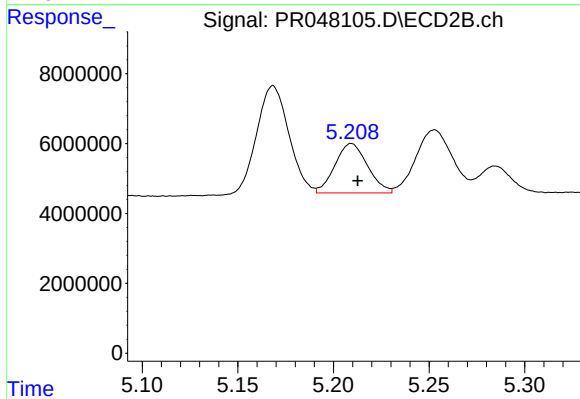
#5 AR-1016-3

R.T.: 5.168 min
Delta R.T.: -0.004 min
Response: 35691277
Conc: 463.43 ng/ml



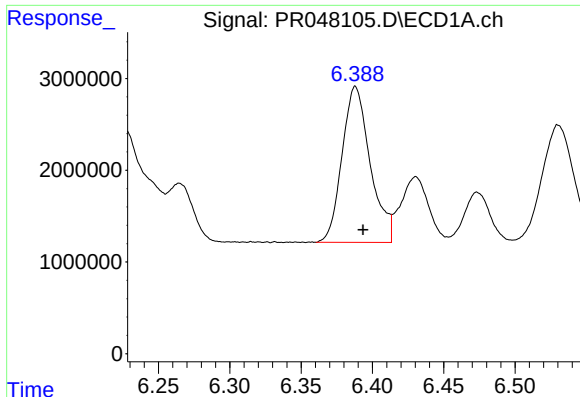
#6 AR-1016-4

R.T.: 6.093 min
Delta R.T.: -0.006 min
Response: 23740603
Conc: 445.21 ng/ml



#6 AR-1016-4

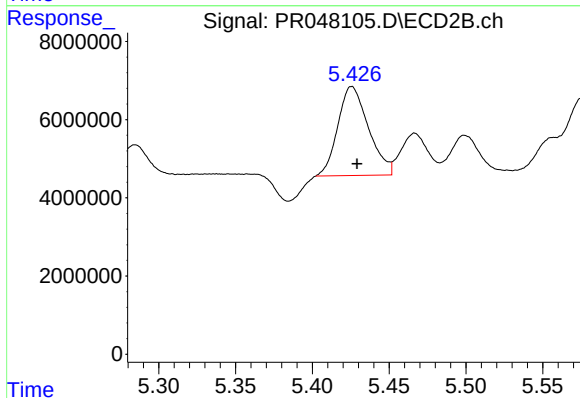
R.T.: 5.209 min
Delta R.T.: -0.003 min
Response: 16799951
Conc: 410.37 ng/ml



#7 AR-1016-5

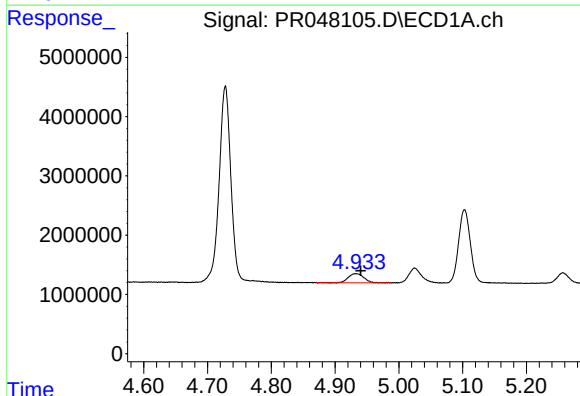
R.T.: 6.388 min
Delta R.T.: -0.005 min
Response: 23338291
Conc: 433.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



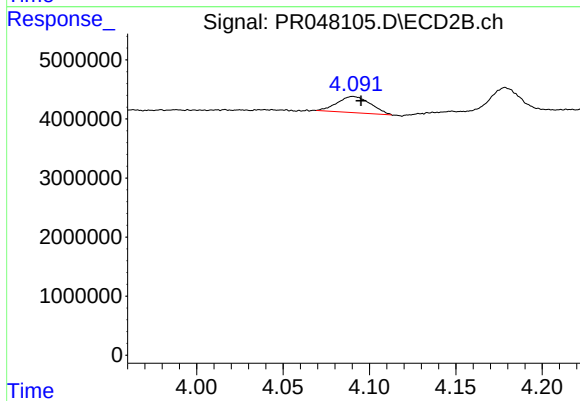
#7 AR-1016-5

R.T.: 5.426 min
Delta R.T.: -0.003 min
Response: 31674361
Conc: 432.38 ng/ml



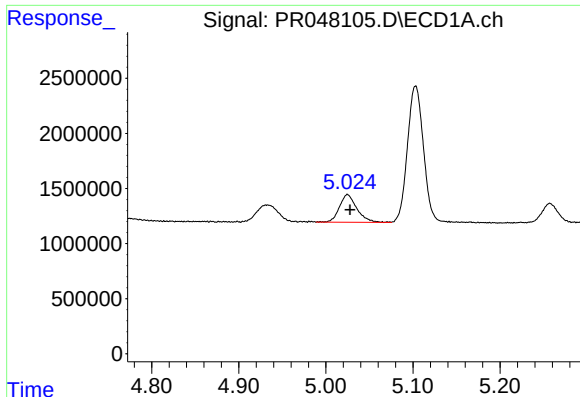
#8 AR-1221-1

R.T.: 4.933 min
Delta R.T.: -0.008 min
Response: 2650914
Conc: 122.41 ng/ml



#8 AR-1221-1

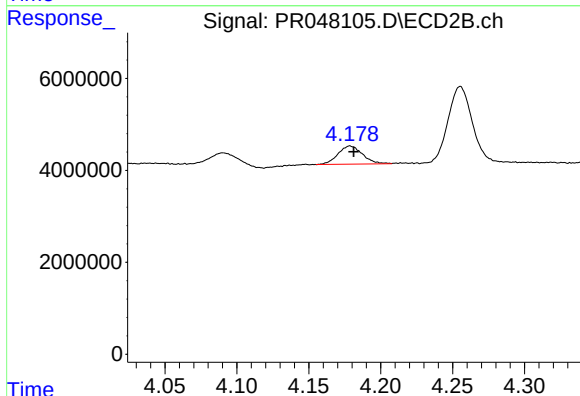
R.T.: 4.091 min
Delta R.T.: -0.005 min
Response: 3654522
Conc: 123.77 ng/ml



#9 AR-1221-2

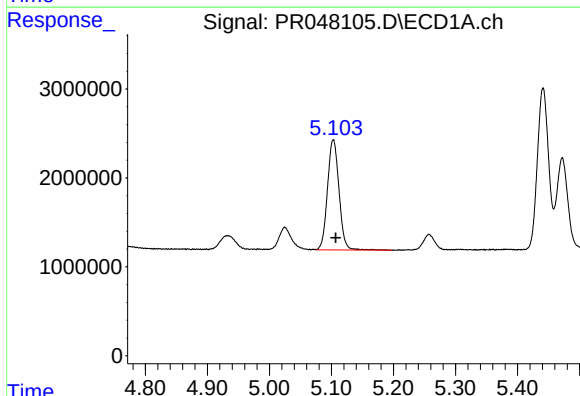
R.T.: 5.025 min
Delta R.T.: -0.003 min
Response: 3523116
Conc: 227.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



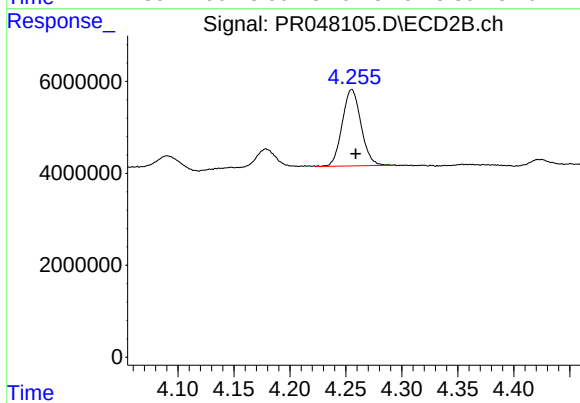
#9 AR-1221-2

R.T.: 4.179 min
Delta R.T.: -0.003 min
Response: 4727821
Conc: 221.27 ng/ml



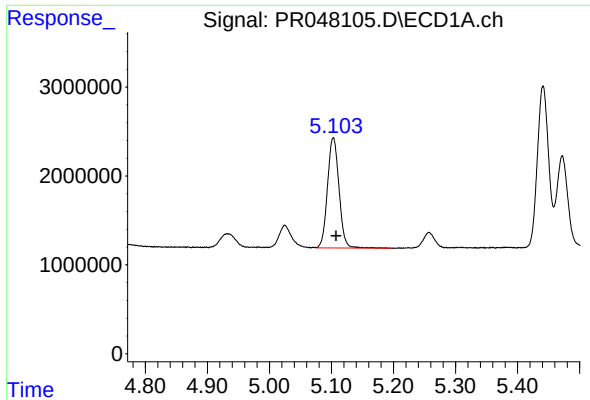
#10 AR-1221-3

R.T.: 5.103 min
Delta R.T.: -0.004 min
Response: 15999227
Conc: 301.72 ng/ml



#10 AR-1221-3

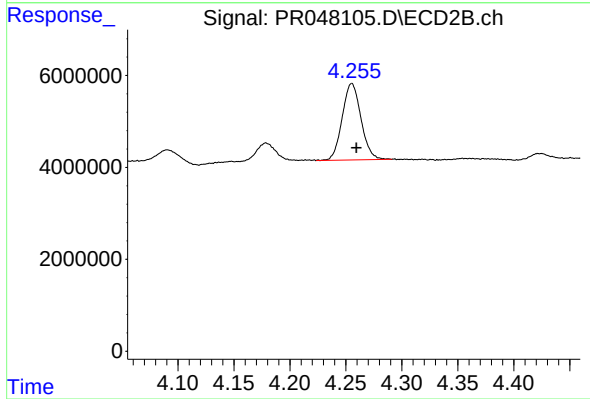
R.T.: 4.255 min
Delta R.T.: -0.003 min
Response: 19461293
Conc: 286.63 ng/ml



#11 AR-1232-1

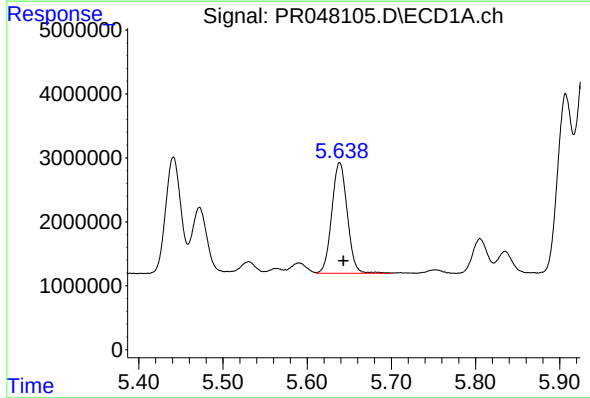
R.T.: 5.103 min
Delta R.T.: -0.004 min
Response: 15999227
Conc: 362.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



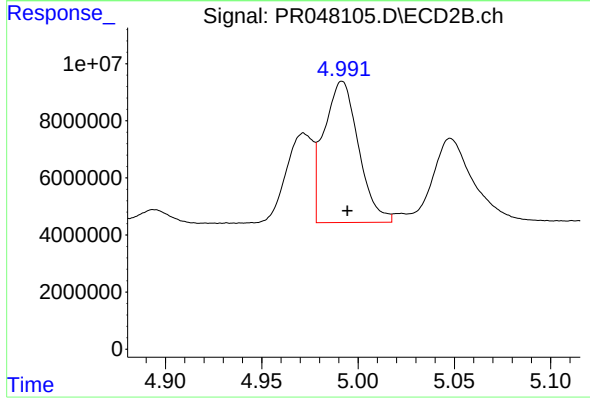
#11 AR-1232-1

R.T.: 4.255 min
Delta R.T.: -0.004 min
Response: 19461293
Conc: 341.64 ng/ml



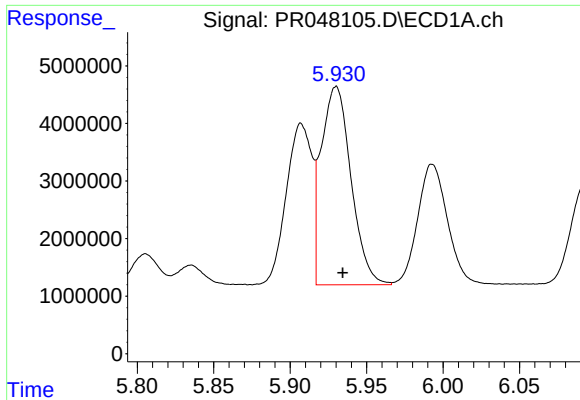
#12 AR-1232-2

R.T.: 5.639 min
Delta R.T.: -0.004 min
Response: 22128226
Conc: 956.78 ng/ml



#12 AR-1232-2

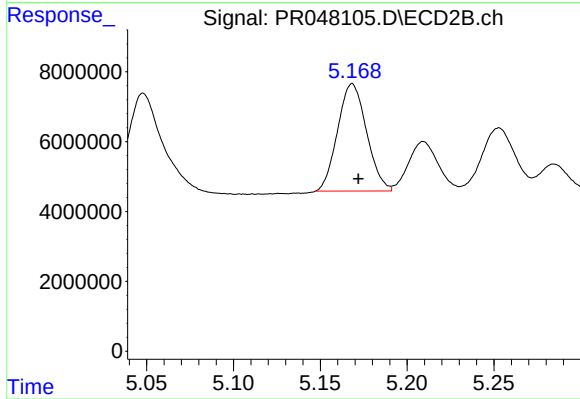
R.T.: 4.992 min
Delta R.T.: -0.003 min
Response: 61700121
Conc: 944.25 ng/ml



#13 AR-1232-3

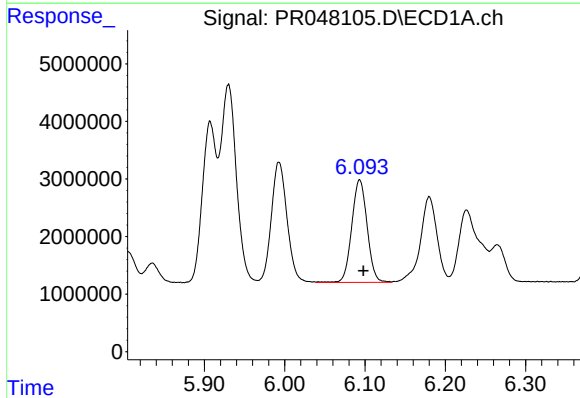
R.T.: 5.930 min
Delta R.T.: -0.004 min
Response: 46801760
Conc: 982.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



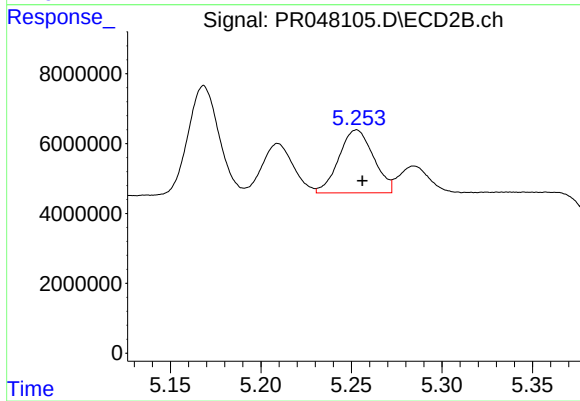
#13 AR-1232-3

R.T.: 5.168 min
Delta R.T.: -0.004 min
Response: 35691277
Conc: 1024.59 ng/ml



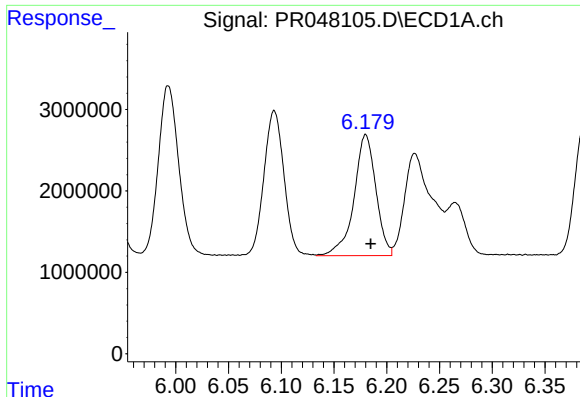
#14 AR-1232-4

R.T.: 6.093 min
Delta R.T.: -0.005 min
Response: 23740603
Conc: 987.13 ng/ml



#14 AR-1232-4

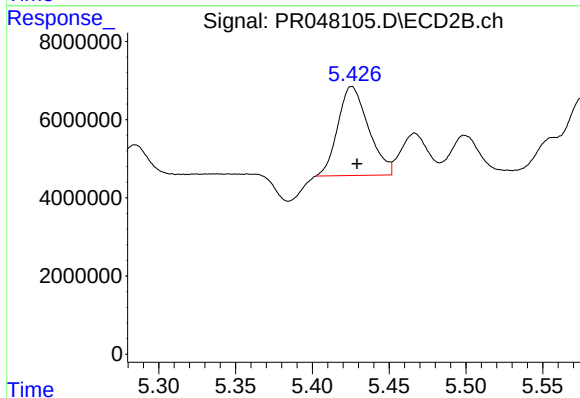
R.T.: 5.253 min
Delta R.T.: -0.003 min
Response: 23996733
Conc: 1011.73 ng/ml



#15 AR-1232-5

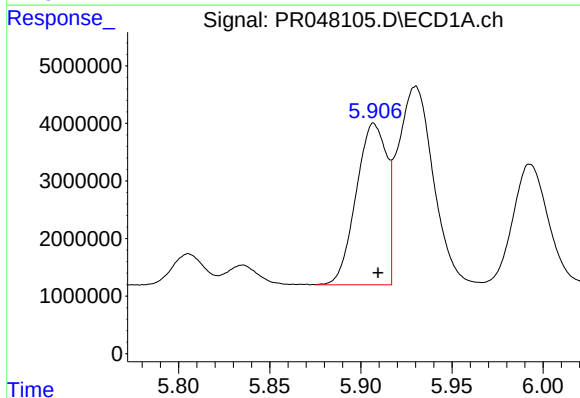
R.T.: 6.180 min
Delta R.T.: -0.005 min
Response: 21406099
Conc: 1133.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



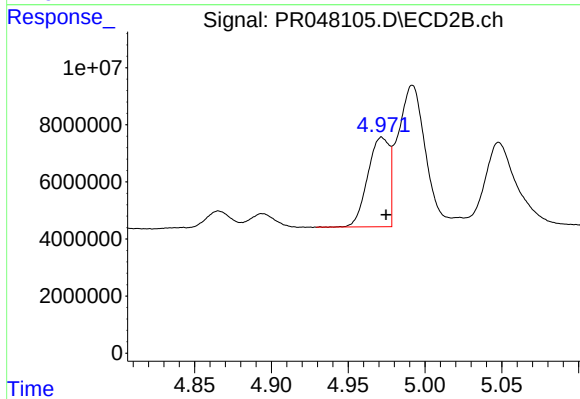
#15 AR-1232-5

R.T.: 5.426 min
Delta R.T.: -0.003 min
Response: 31674361
Conc: 989.75 ng/ml



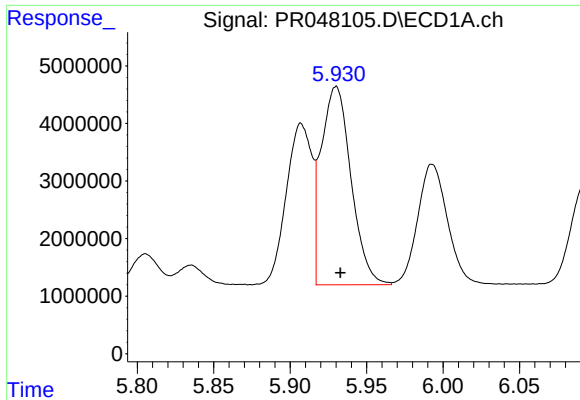
#16 AR-1242-1

R.T.: 5.907 min
Delta R.T.: -0.002 min
Response: 32766426
Conc: 515.35 ng/ml



#16 AR-1242-1

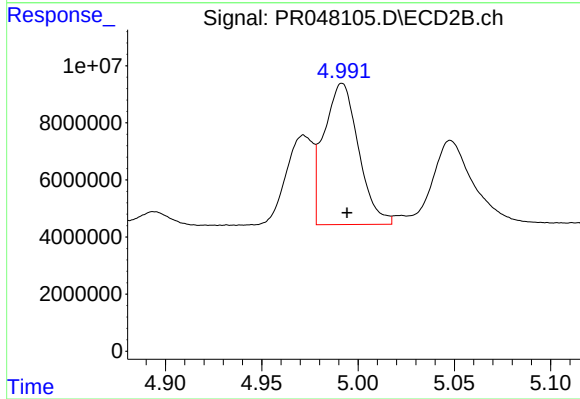
R.T.: 4.972 min
Delta R.T.: -0.003 min
Response: 30624306
Conc: 498.53 ng/ml



#17 AR-1242-2

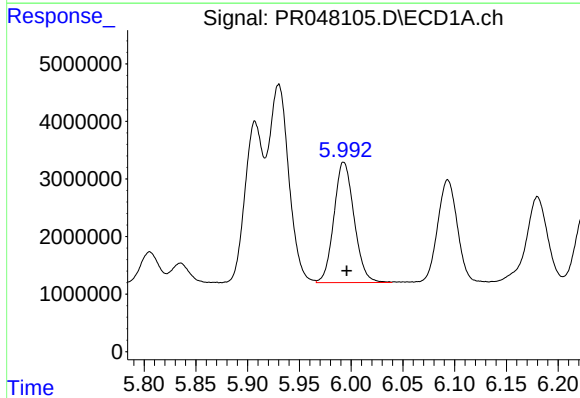
R.T.: 5.930 min
Delta R.T.: -0.003 min
Response: 46801760
Conc: 525.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



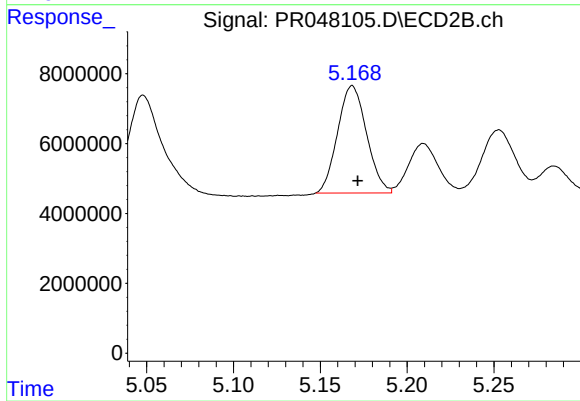
#17 AR-1242-2

R.T.: 4.992 min
Delta R.T.: -0.003 min
Response: 61700121
Conc: 518.89 ng/ml



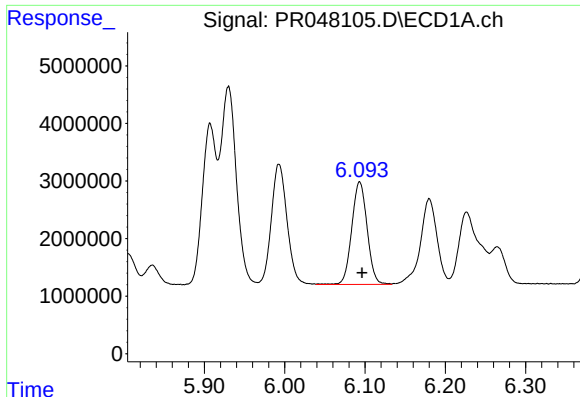
#18 AR-1242-3

R.T.: 5.993 min
Delta R.T.: -0.003 min
Response: 28415303
Conc: 519.38 ng/ml



#18 AR-1242-3

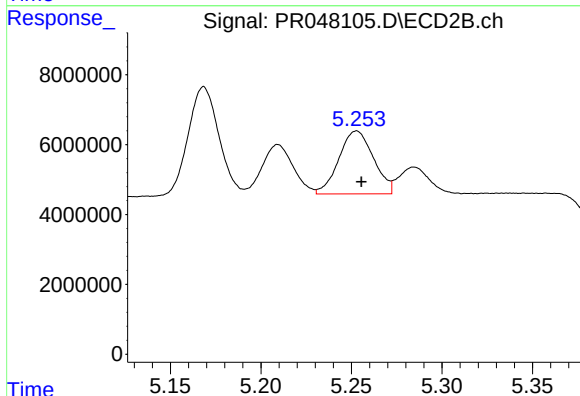
R.T.: 5.168 min
Delta R.T.: -0.003 min
Response: 35691277
Conc: 521.54 ng/ml



#19 AR-1242-4

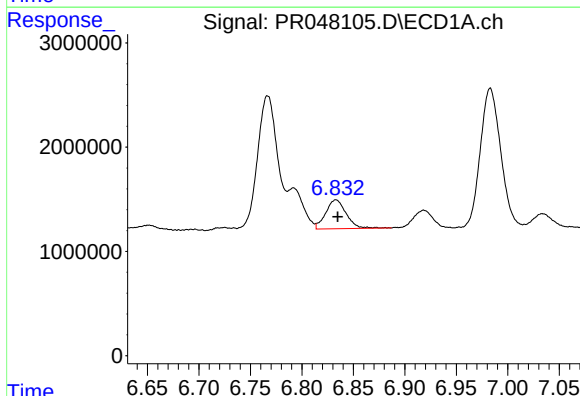
R.T.: 6.093 min
Delta R.T.: -0.003 min
Response: 23740603
Conc: 529.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



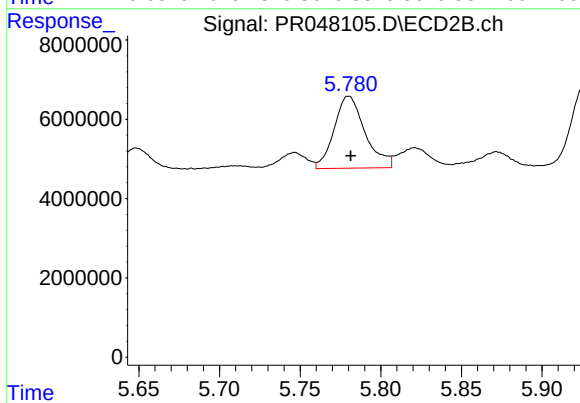
#19 AR-1242-4

R.T.: 5.253 min
Delta R.T.: -0.003 min
Response: 23996733
Conc: 483.28 ng/ml



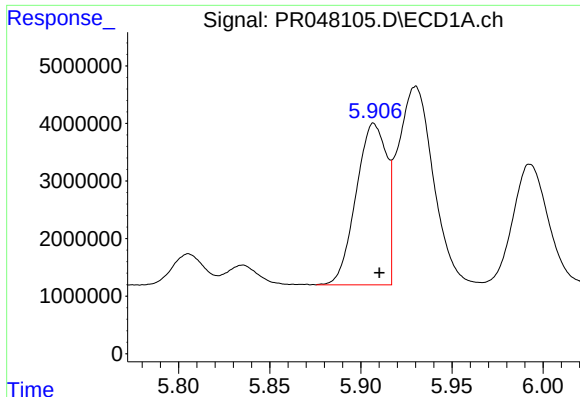
#20 AR-1242-5

R.T.: 6.833 min
Delta R.T.: -0.002 min
Response: 3833000
Conc: 71.94 ng/ml



#20 AR-1242-5

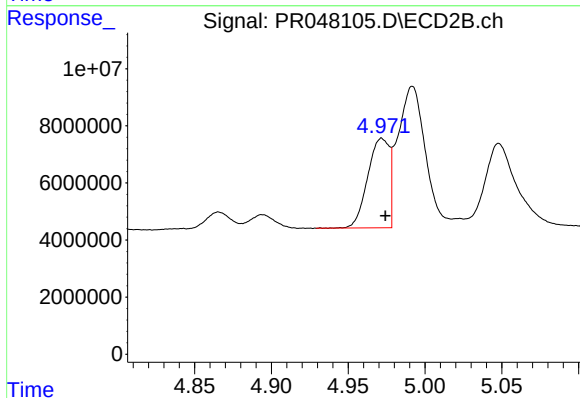
R.T.: 5.780 min
Delta R.T.: -0.001 min
Response: 24298941
Conc: 284.38 ng/ml



#21 AR-1248-1

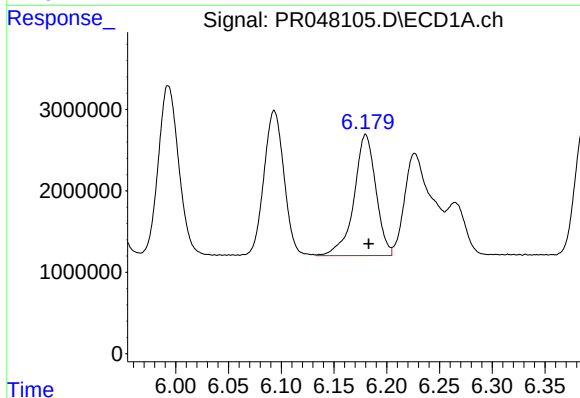
R.T.: 5.907 min
Delta R.T.: -0.003 min
Response: 32766426
Conc: 699.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



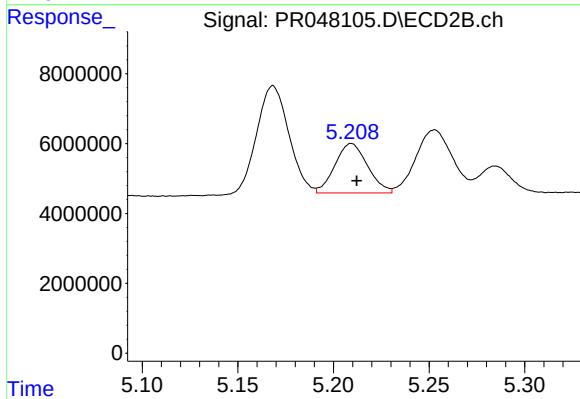
#21 AR-1248-1

R.T.: 4.972 min
Delta R.T.: -0.002 min
Response: 30624306
Conc: 671.02 ng/ml



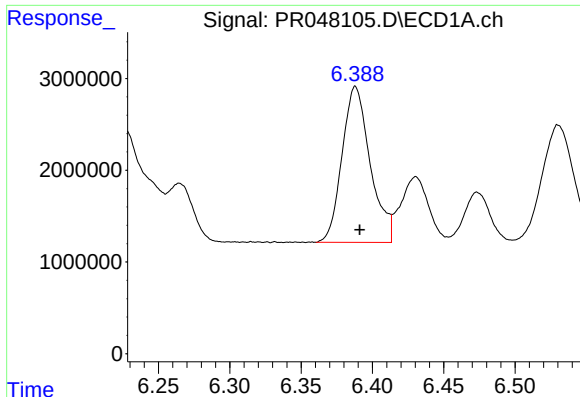
#22 AR-1248-2

R.T.: 6.180 min
Delta R.T.: -0.003 min
Response: 21406099
Conc: 319.65 ng/ml



#22 AR-1248-2

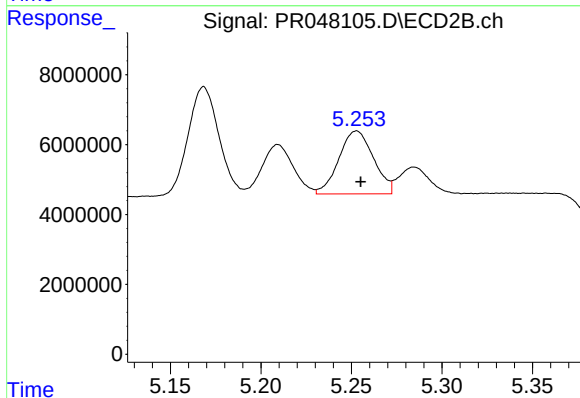
R.T.: 5.209 min
Delta R.T.: -0.003 min
Response: 16799951
Conc: 291.47 ng/ml



#23 AR-1248-3

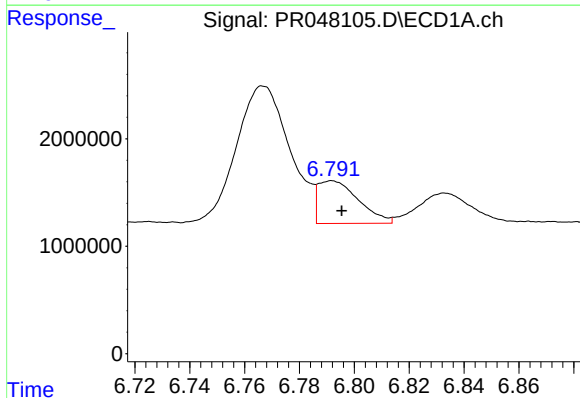
R.T.: 6.388 min
Delta R.T.: -0.003 min
Response: 23338291
Conc: 314.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



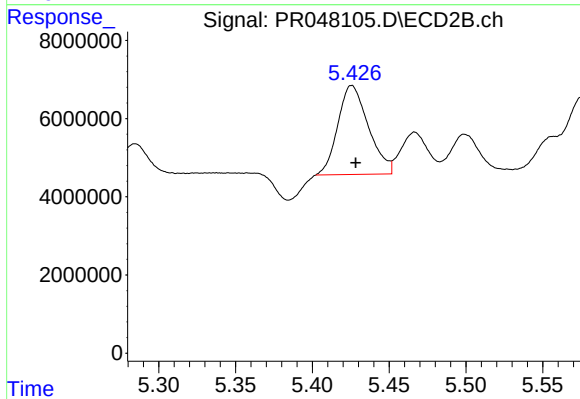
#23 AR-1248-3

R.T.: 5.253 min
Delta R.T.: -0.002 min
Response: 23996733
Conc: 337.88 ng/ml



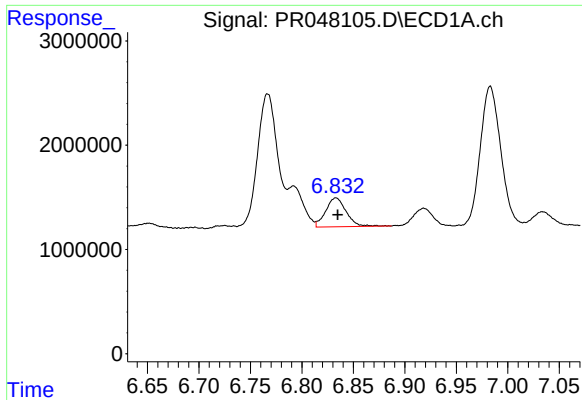
#24 AR-1248-4

R.T.: 6.792 min
Delta R.T.: -0.004 min
Response: 4064281
Conc: 45.11 ng/ml



#24 AR-1248-4

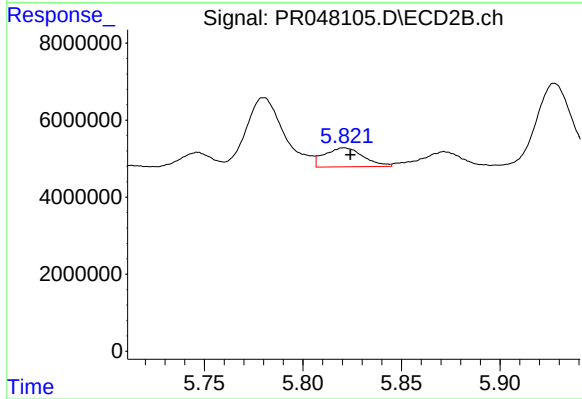
R.T.: 5.426 min
Delta R.T.: -0.003 min
Response: 31674361
Conc: 321.48 ng/ml



#25 AR-1248-5

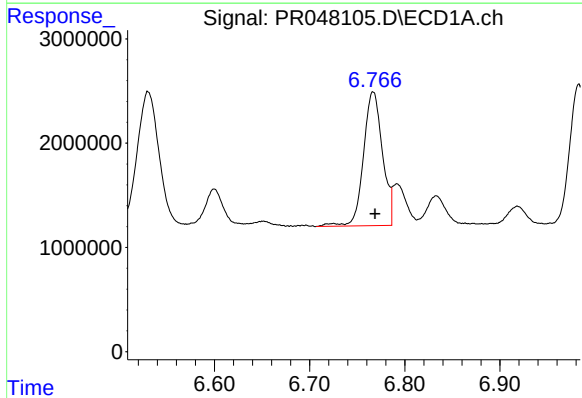
R.T.: 6.833 min
Delta R.T.: -0.002 min
Response: 3833000
Conc: 44.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



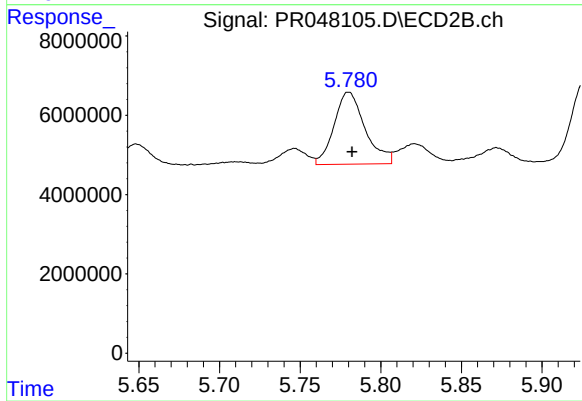
#25 AR-1248-5

R.T.: 5.821 min
Delta R.T.: -0.003 min
Response: 6748941
Conc: 44.79 ng/ml



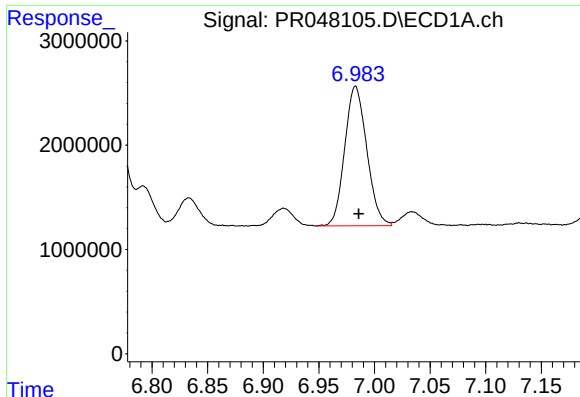
#26 AR-1254-1

R.T.: 6.767 min
Delta R.T.: -0.002 min
Response: 17823926
Conc: 192.16 ng/ml



#26 AR-1254-1

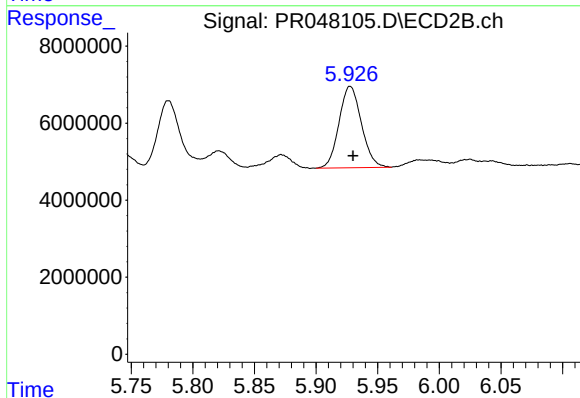
R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 24298941
Conc: 151.46 ng/ml



#27 AR-1254-2

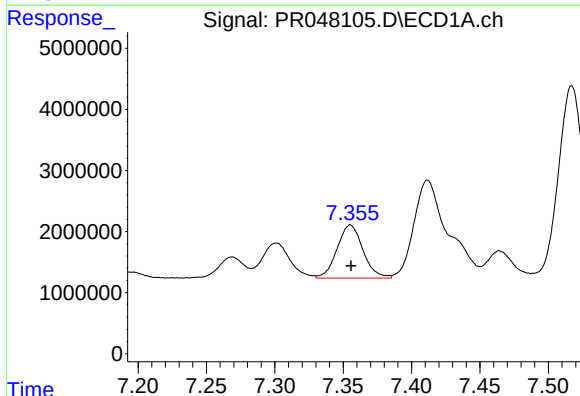
R.T.: 6.983 min
Delta R.T.: -0.003 min
Response: 18496050
Conc: 128.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



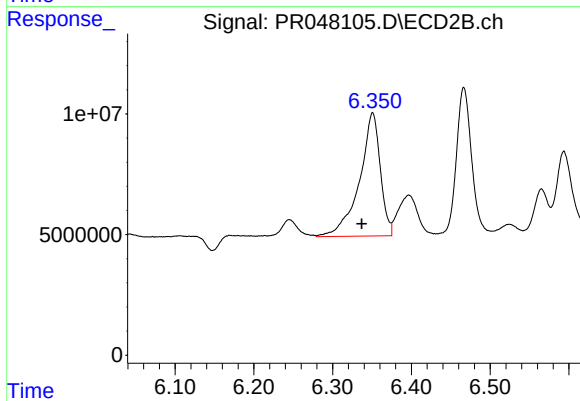
#27 AR-1254-2

R.T.: 5.928 min
Delta R.T.: -0.002 min
Response: 26685091
Conc: 162.84 ng/ml



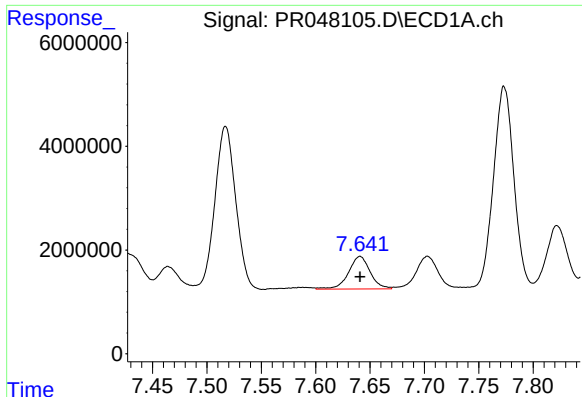
#28 AR-1254-3

R.T.: 7.355 min
Delta R.T.: 0.000 min
Response: 11490324
Conc: 74.94 ng/ml



#28 AR-1254-3

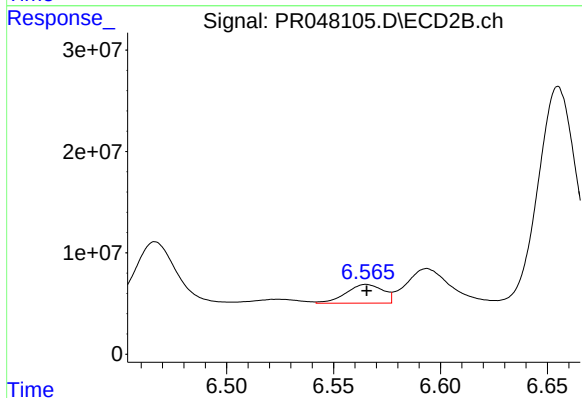
R.T.: 6.351 min
Delta R.T.: 0.014 min
Response: 93889064
Conc: 261.31 ng/ml



#29 AR-1254-4

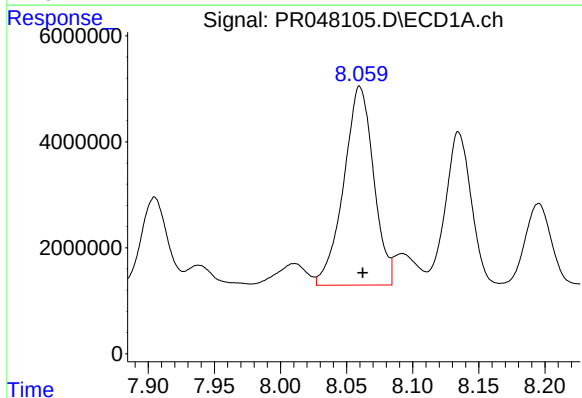
R.T.: 7.641 min
Delta R.T.: 0.000 min
Response: 8721494
Conc: 73.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



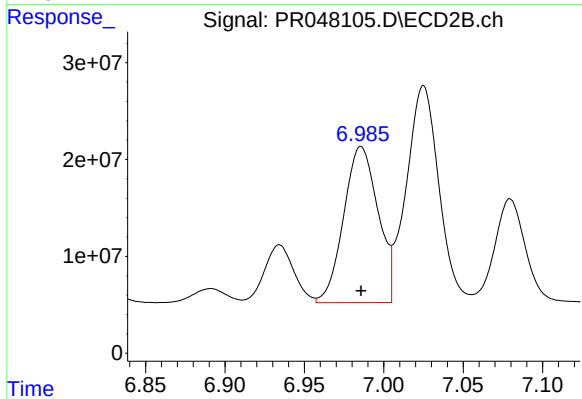
#29 AR-1254-4

R.T.: 6.565 min
Delta R.T.: 0.000 min
Response: 22236819
Conc: 46.30 ng/ml



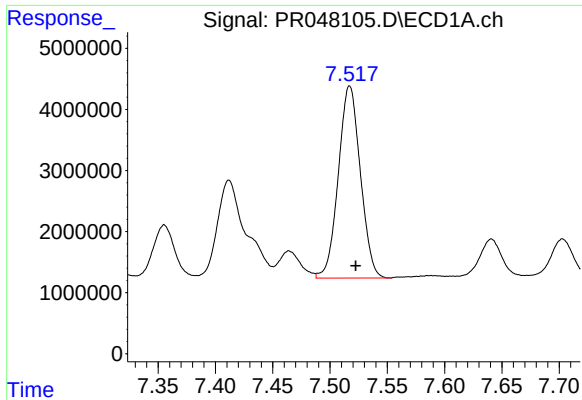
#30 AR-1254-5

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 59071772
Conc: 463.90 ng/ml



#30 AR-1254-5

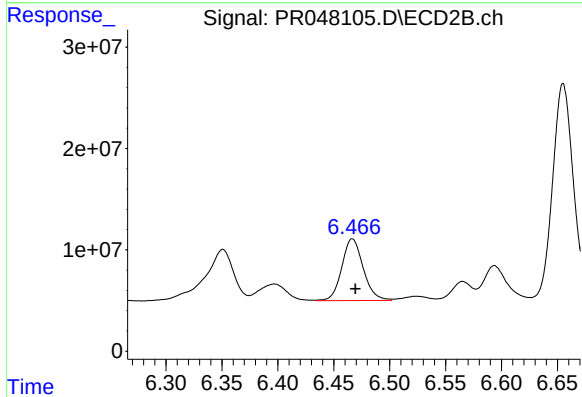
R.T.: 6.986 min
Delta R.T.: 0.000 min
Response: 242852827
Conc: 390.36 ng/ml



#31 AR-1260-1

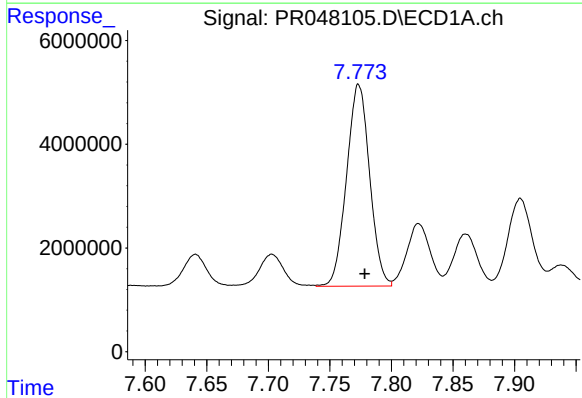
R.T.: 7.517 min
Delta R.T.: -0.005 min
Response: 42073636
Conc: 410.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



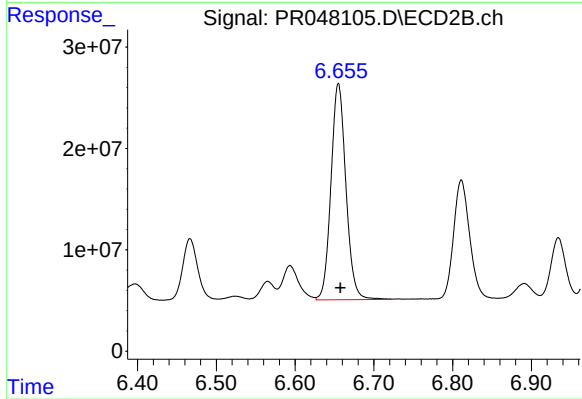
#31 AR-1260-1

R.T.: 6.467 min
Delta R.T.: -0.003 min
Response: 81453192
Conc: 459.46 ng/ml



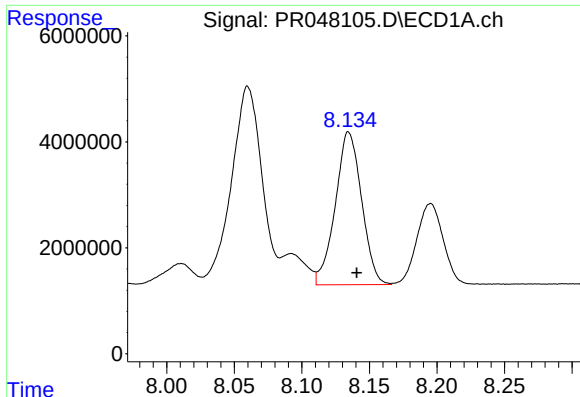
#32 AR-1260-2

R.T.: 7.773 min
Delta R.T.: -0.005 min
Response: 50855711
Conc: 400.82 ng/ml



#32 AR-1260-2

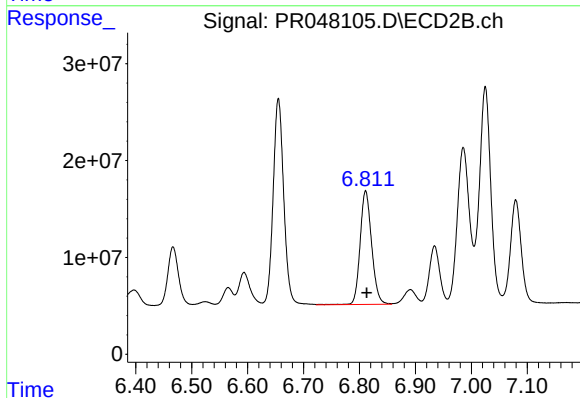
R.T.: 6.655 min
Delta R.T.: -0.003 min
Response: 280988021
Conc: 466.74 ng/ml



#33 AR-1260-3

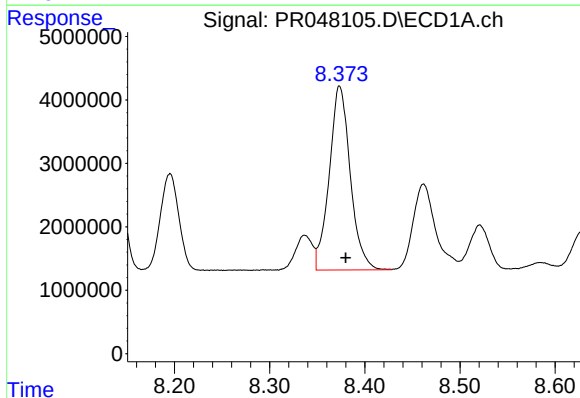
R.T.: 8.135 min
Delta R.T.: -0.006 min
Response: 39130489
Conc: 404.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



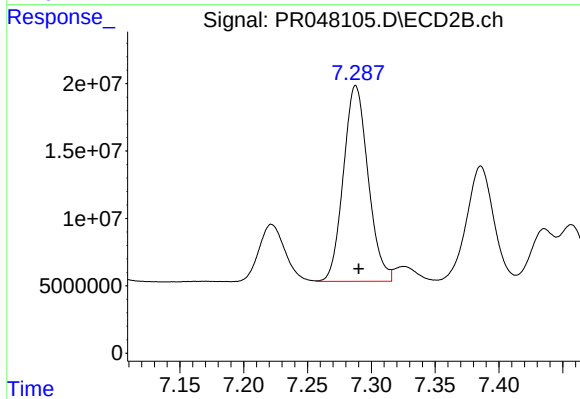
#33 AR-1260-3

R.T.: 6.811 min
Delta R.T.: -0.002 min
Response: 167459968
Conc: 452.71 ng/ml



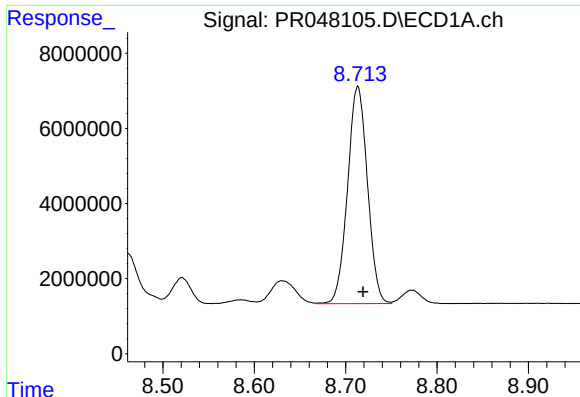
#34 AR-1260-4

R.T.: 8.374 min
Delta R.T.: -0.007 min
Response: 44613219
Conc: 407.73 ng/ml



#34 AR-1260-4

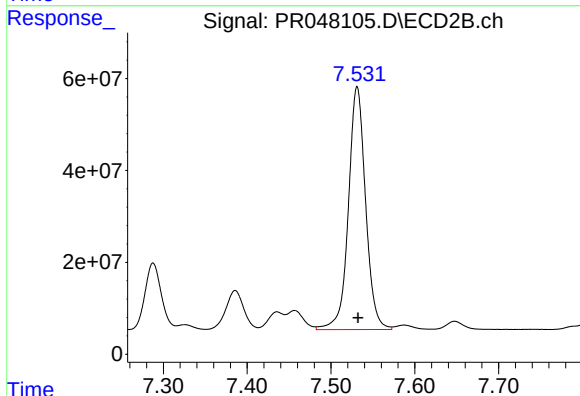
R.T.: 7.288 min
Delta R.T.: -0.002 min
Response: 196128407
Conc: 433.28 ng/ml



#35 AR-1260-5

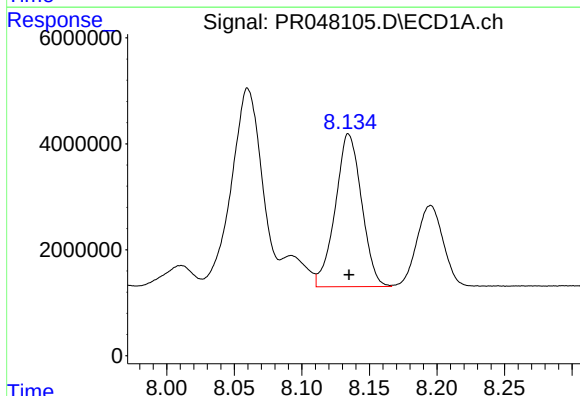
R.T.: 8.713 min
Delta R.T.: -0.006 min
Response: 87569518
Conc: 385.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



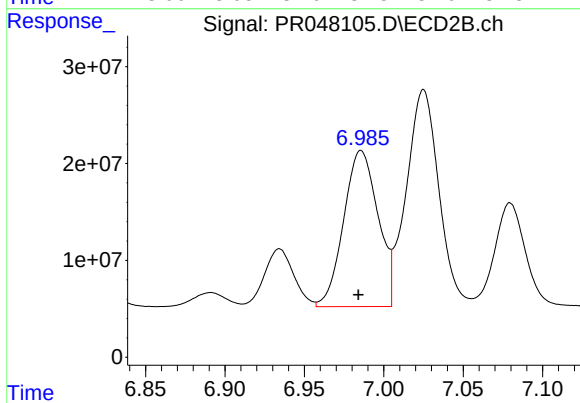
#35 AR-1260-5

R.T.: 7.531 min
Delta R.T.: -0.001 min
Response: 754112131
Conc: 400.28 ng/ml



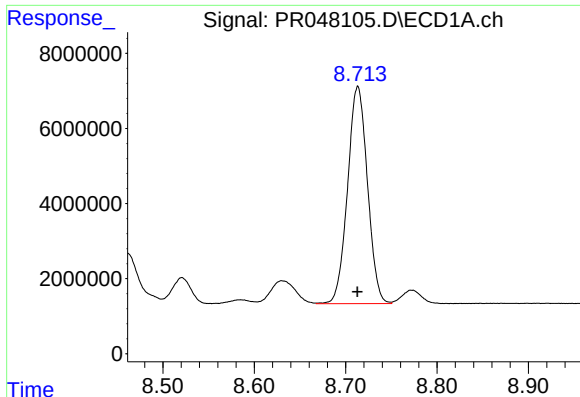
#36 AR-1262-1

R.T.: 8.135 min
Delta R.T.: 0.000 min
Response: 39130489
Conc: 278.31 ng/ml



#36 AR-1262-1

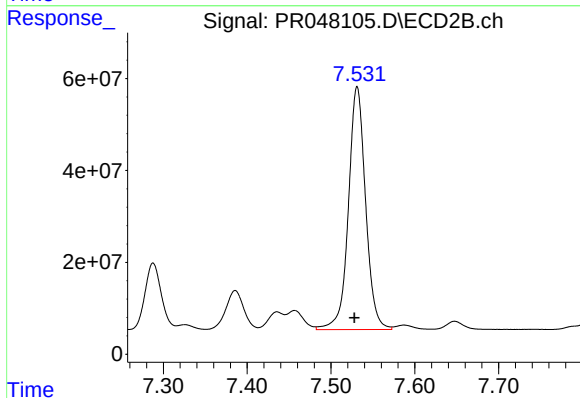
R.T.: 6.986 min
Delta R.T.: 0.002 min
Response: 242852827
Conc: 755.73 ng/ml



#37 AR-1262-2

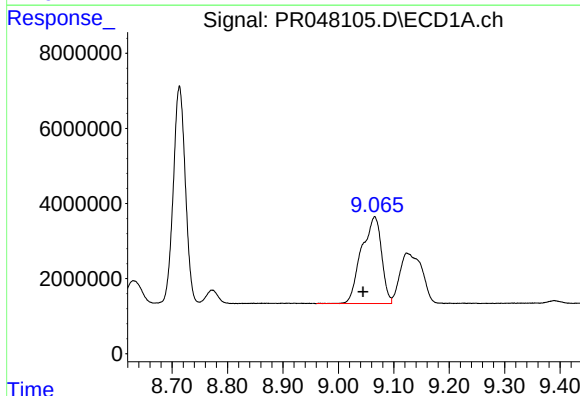
R.T.: 8.713 min
Delta R.T.: 0.000 min
Response: 87569518
Conc: 347.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



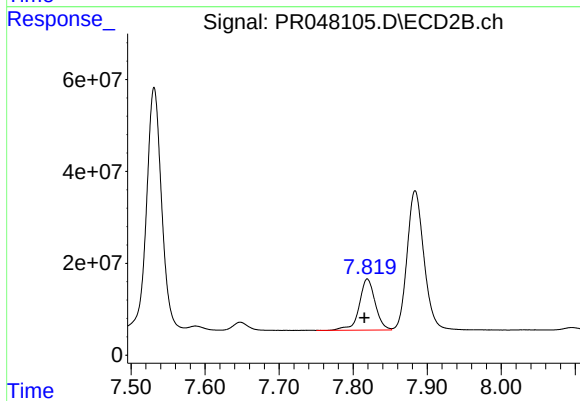
#37 AR-1262-2

R.T.: 7.531 min
Delta R.T.: 0.003 min
Response: 754112131
Conc: 362.73 ng/ml



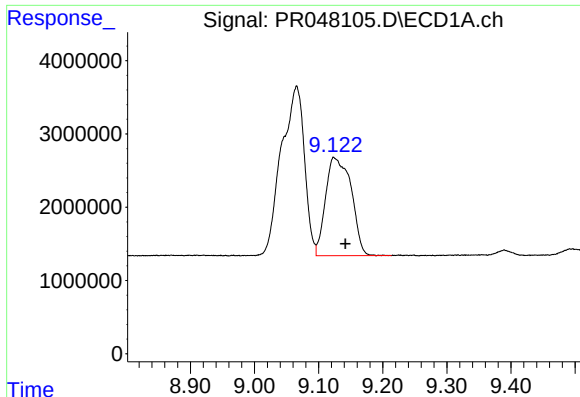
#38 AR-1262-3

R.T.: 9.066 min
Delta R.T.: 0.021 min
Response: 57977846
Conc: 332.96 ng/ml



#38 AR-1262-3

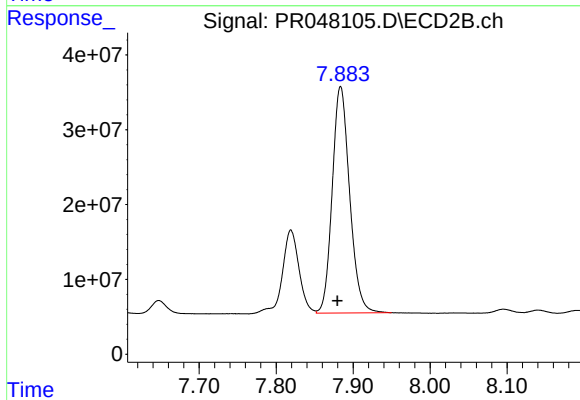
R.T.: 7.819 min
Delta R.T.: 0.004 min
Response: 166360708
Conc: 201.52 ng/ml



#39 AR-1262-4

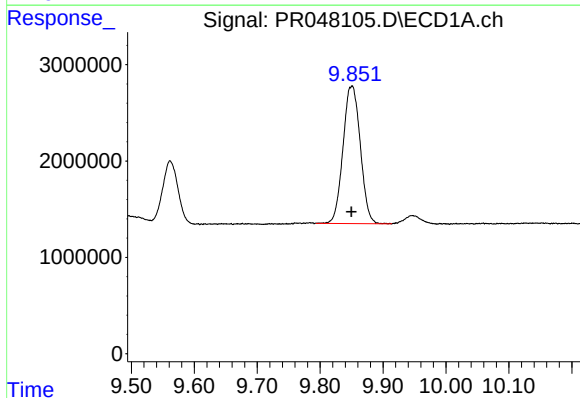
R.T.: 9.124 min
Delta R.T.: -0.018 min
Response: 37230830
Conc: 281.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



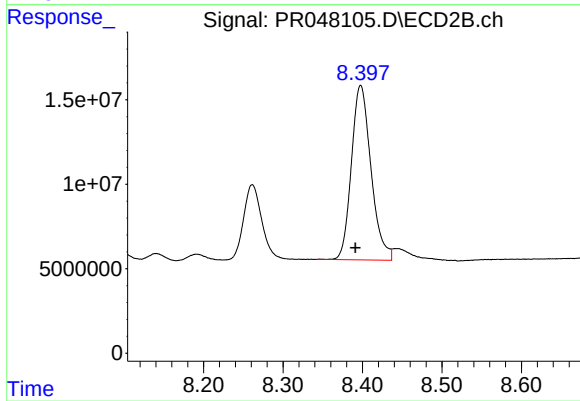
#39 AR-1262-4

R.T.: 7.884 min
Delta R.T.: 0.004 min
Response: 476201441
Conc: 355.71 ng/ml



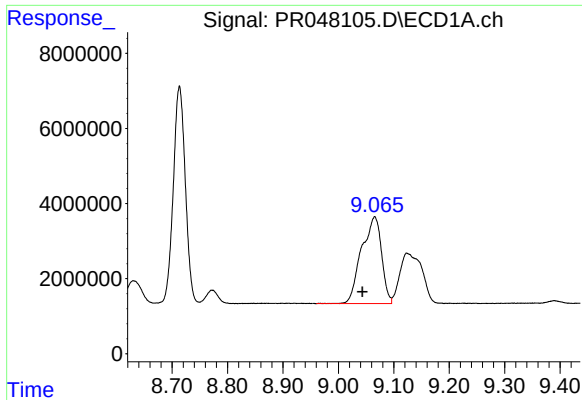
#40 AR-1262-5

R.T.: 9.851 min
Delta R.T.: 0.001 min
Response: 27284896
Conc: 284.61 ng/ml



#40 AR-1262-5

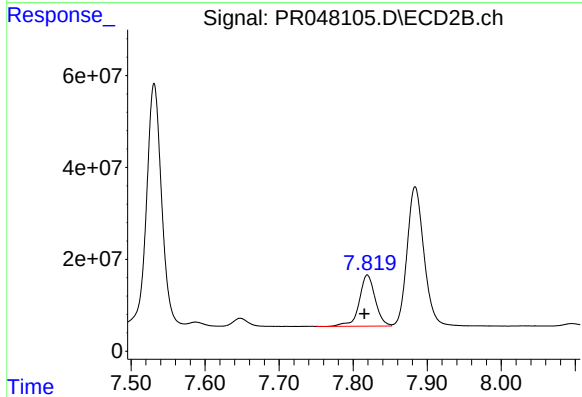
R.T.: 8.398 min
Delta R.T.: 0.007 min
Response: 177096624
Conc: 278.83 ng/ml



#41 AR-1268-1

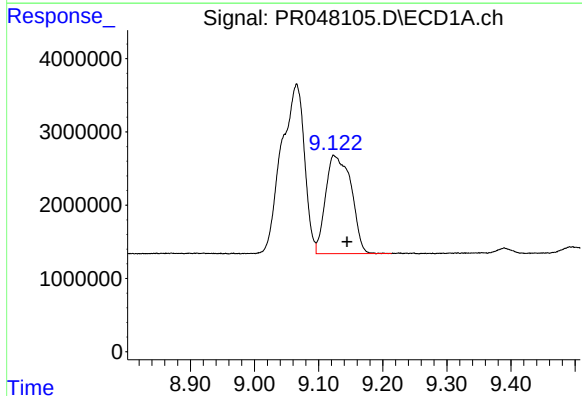
R.T.: 9.066 min
Delta R.T.: 0.022 min
Response: 57977846
Conc: 190.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



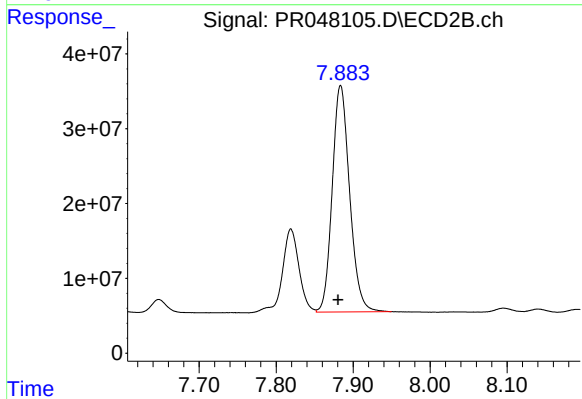
#41 AR-1268-1

R.T.: 7.819 min
Delta R.T.: 0.004 min
Response: 166360708
Conc: 66.99 ng/ml



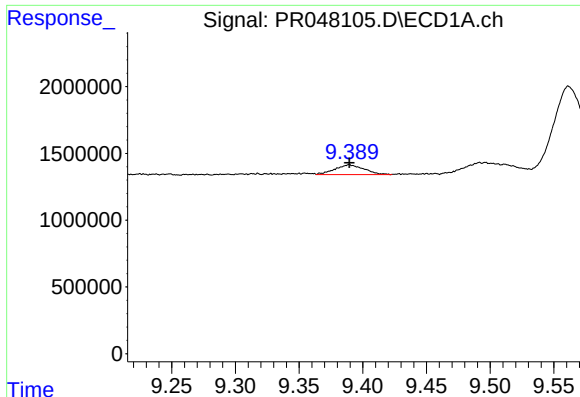
#42 AR-1268-2

R.T.: 9.124 min
Delta R.T.: -0.021 min
Response: 37230830
Conc: 132.30 ng/ml



#42 AR-1268-2

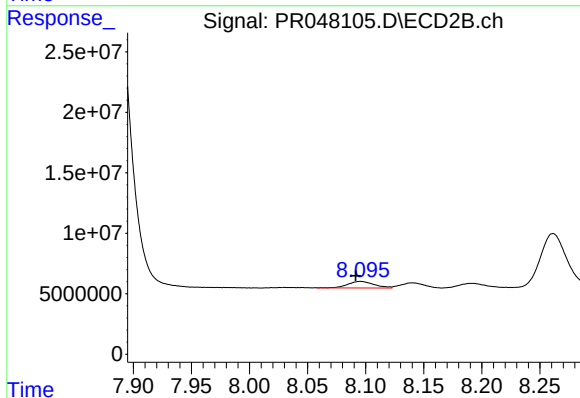
R.T.: 7.884 min
Delta R.T.: 0.003 min
Response: 476201441
Conc: 227.93 ng/ml



#43 AR-1268-3

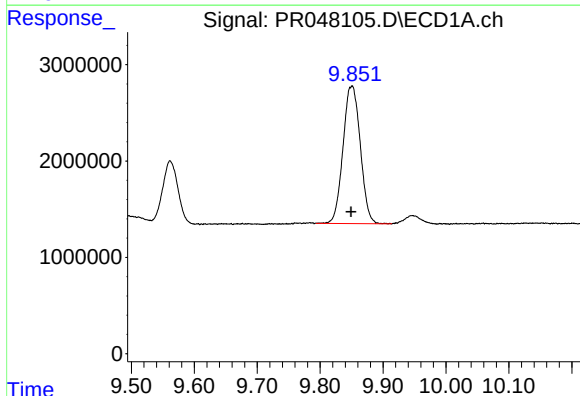
R.T.: 9.389 min
Delta R.T.: 0.000 min
Response: 1155785
Conc: 4.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



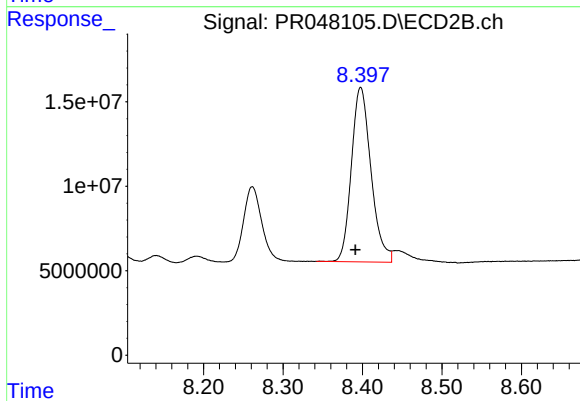
#43 AR-1268-3

R.T.: 8.096 min
Delta R.T.: 0.004 min
Response: 8509259
Conc: 4.56 ng/ml



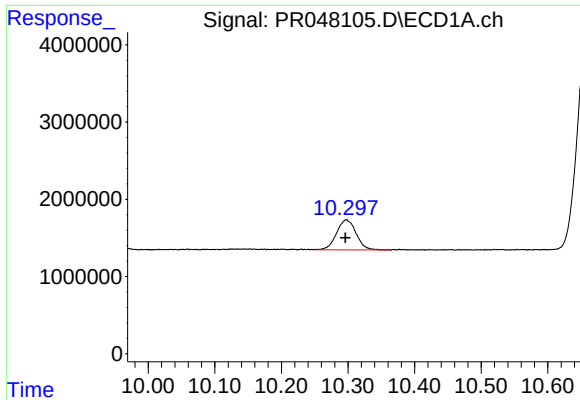
#44 AR-1268-4

R.T.: 9.851 min
Delta R.T.: 0.001 min
Response: 27284896
Conc: 250.90 ng/ml



#44 AR-1268-4

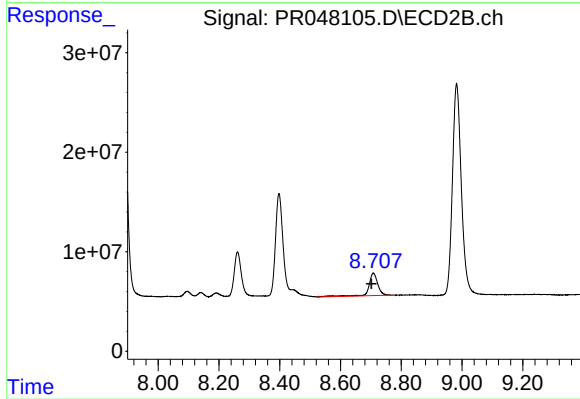
R.T.: 8.398 min
Delta R.T.: 0.007 min
Response: 177096624
Conc: 242.90 ng/ml



#45 AR-1268-5

R.T.: 10.297 min
Delta R.T.: 0.001 min
Response: 7937606
Conc: 10.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.708 min
Delta R.T.: 0.007 min
Response: 46402440
Conc: 8.59 ng/ml