

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR052524\
 Data File : PR066969.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 May 2024 05:05
 Operator : AJ\MA
 Sample : AR1268CCC400
 Misc :
 ALS Vial : 141 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 25 06:02:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR052124CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 22 04:28:16 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.650	2.891	114.3E6	88737450	18.634	19.059
2) SA Decachlor...	9.528	8.114	119.6E6	183.1E6	92.131	82.224
Target Compounds						
3) L1 AR-1016-1	4.870	3.999	663031	609320	4.134	4.059
4) L1 AR-1016-2	4.890	4.016	923692	710083	3.598	3.205
5) L1 AR-1016-3	4.955	4.196	432642	460011	2.513	3.734 #
6) L1 AR-1016-4	5.052	4.246	545230	853183	4.111	8.169 #
7) L1 AR-1016-5	5.373	4.461	810735	1020173	6.007	7.703 #
8) L2 AR-1221-1	0.000	3.104	0	125526	N.D.	2.260 #
9) L2 AR-1221-2	3.961	3.191	1990034	1235084	42.637	30.855 #
10) L2 AR-1221-3	0.000	3.277	0	307327	N.D.	2.436 #
11) L3 AR-1232-1	0.000	3.277	0	307327	N.D.	2.872 #
12) L3 AR-1232-2	4.583	4.016	566876	710083	7.979	6.854
13) L3 AR-1232-3	4.890	4.196	923692	460011	8.084	8.319
14) L3 AR-1232-4	5.052	4.287	545230	701483	9.421	13.722 #
15) L3 AR-1232-5	5.160	4.461	671881	1020173	15.097	18.419
16) L4 AR-1242-1	4.870	3.999	663031	609320	5.375	5.130
17) L4 AR-1242-2	4.890	4.016	923692	710083	4.700	4.003
18) L4 AR-1242-3	4.955	4.196	432642	460011	3.225	4.683 #
19) L4 AR-1242-4	5.052	4.287	545230	701483	5.270	7.082 #
20) L4 AR-1242-5	5.840	4.829	1312150	1508341	12.472	12.802
21) L5 AR-1248-1	4.870	3.999	663031	609320	7.296	6.738
22) L5 AR-1248-2	5.160	4.246	671881	853183	4.513	6.105 #
23) L5 AR-1248-3	5.373	4.287	810735	701483	4.747	5.016
24) L5 AR-1248-4	5.802	4.461	1010407	1020173	6.408	6.089
25) L5 AR-1248-5	5.840	4.871	1312150	1208192	7.368	7.820
26) L6 AR-1254-1	5.773	4.829	1151391	1508341	6.040	6.175
27) L6 AR-1254-2	6.011	4.986	2163919	1004992	7.710	4.643 #
28) L6 AR-1254-3	6.399	5.407	1177493	1859462	4.393	5.467
29) L6 AR-1254-4	6.711	5.652	490083	1154461	3.042	5.883 #
30) L6 AR-1254-5	7.156	6.094	1832705	665128	9.545	2.160 #
31) L7 AR-1260-1	6.581	5.547	542627	1037928	2.225	3.984 #
32) L7 AR-1260-2	6.863	5.751	1266010	1259278	4.890	4.107
33) L7 AR-1260-3	7.250	5.911	39678680	3983508	199.691	13.589 #
34) L7 AR-1260-4	7.514	6.409	50536656	64028755	241.937	256.077
35) L7 AR-1260-5	7.827	6.675	17498096	27357466	51.121	50.116
36) L8 AR-1262-1	7.250	6.138	39678680	48563399	153.332	146.512
37) L8 AR-1262-2	7.827	6.675	17498096	27357466	50.452	49.154
38) L8 AR-1262-3	8.129	6.978	163.8E6	246.6E6	718.259	1033.158 #
39) L8 AR-1262-4	8.220	7.048	144.4E6	222.9E6	800.128	522.324 #
40) L8 AR-1262-5	8.837	7.581	46814685	85067813	457.013	434.298
41) L9 AR-1268-1	8.129	6.978	163.8E6	246.6E6	394.881	370.563

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Instrument :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 25 06:02:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR052124CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 22 04:28:16 2024
 Response via : Initial Calibration
 Integrator: ChemStation

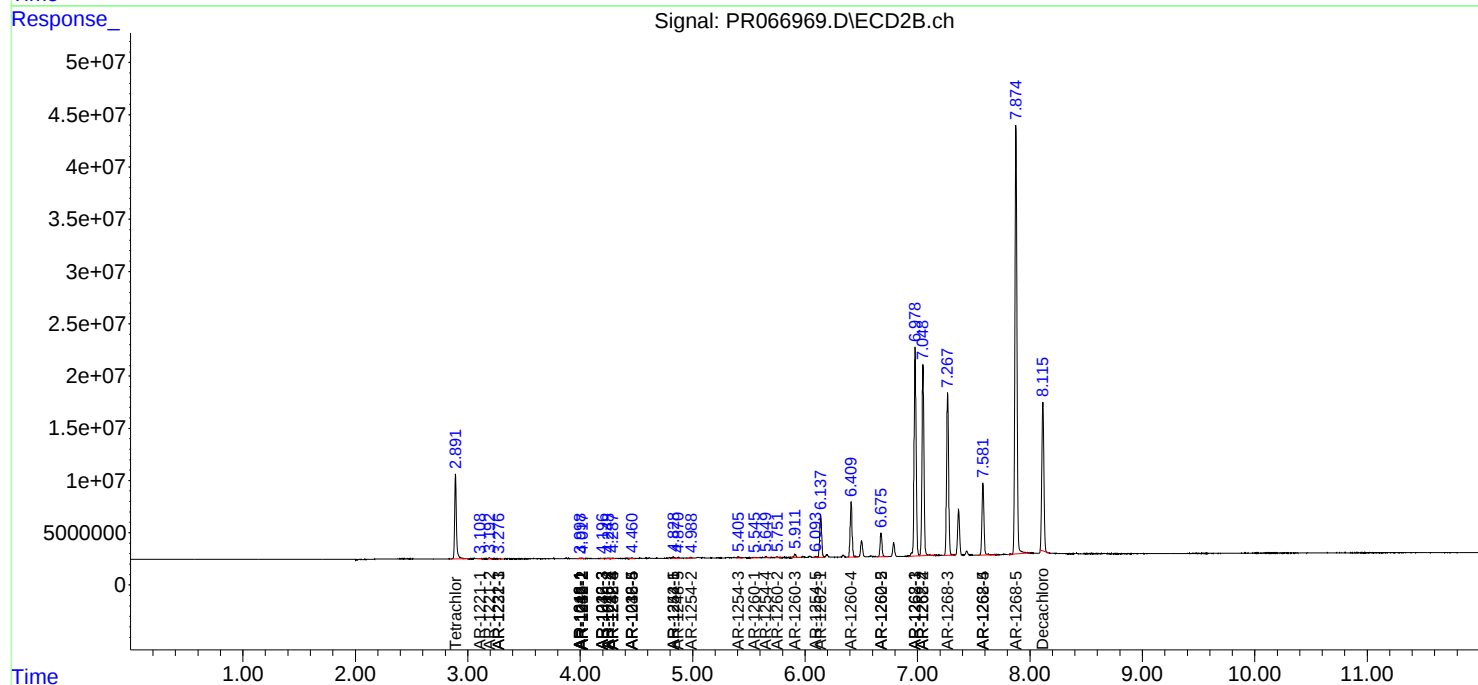
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

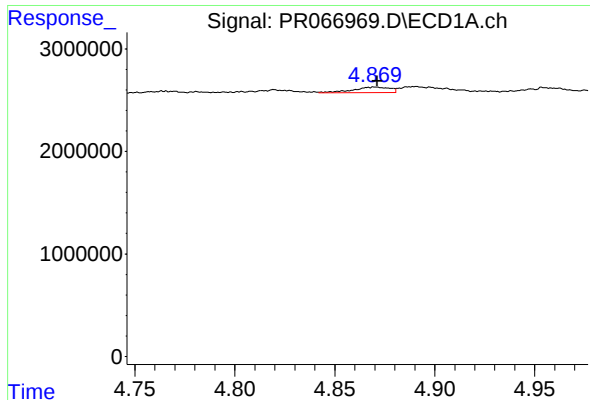
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.220	7.048	144.4E6	222.9E6	389.787	365.706
43) L9	AR-1268-3	8.435	7.267	122.3E6	192.8E6	375.789	360.559
44) L9	AR-1268-4	8.837	7.581	46814685	85067813	412.218	385.949
45) L9	AR-1268-5	9.219	7.875	331.7E6	519.9E6	393.749	348.552

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

Instrument :
ECD_R
ClientSampleId :

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

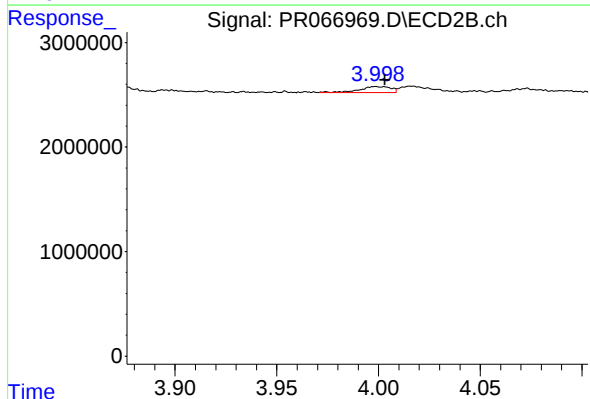




#3 AR-1016-1

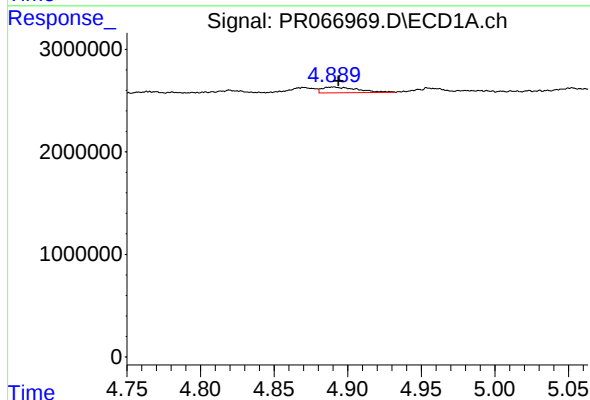
R.T.: 4.870 min
Delta R.T.: -0.001 min
Response: 663031
Conc: 4.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



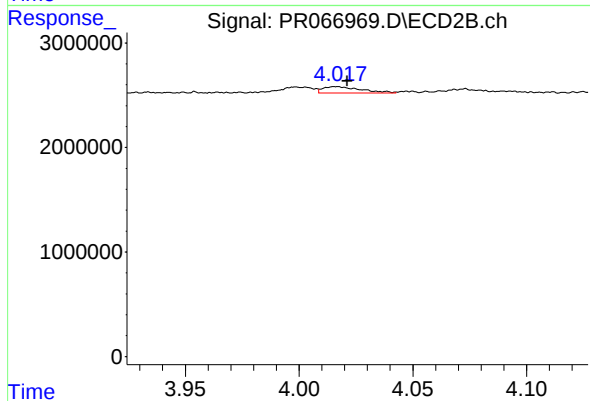
#3 AR-1016-1

R.T.: 3.999 min
Delta R.T.: -0.005 min
Response: 609320
Conc: 4.06 ng/ml



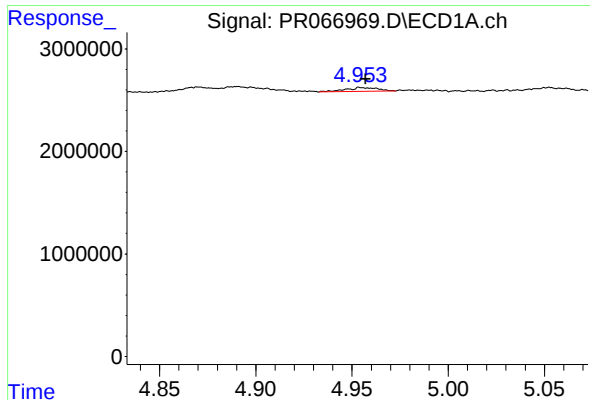
#4 AR-1016-2

R.T.: 4.890 min
Delta R.T.: -0.004 min
Response: 923692
Conc: 3.60 ng/ml



#4 AR-1016-2

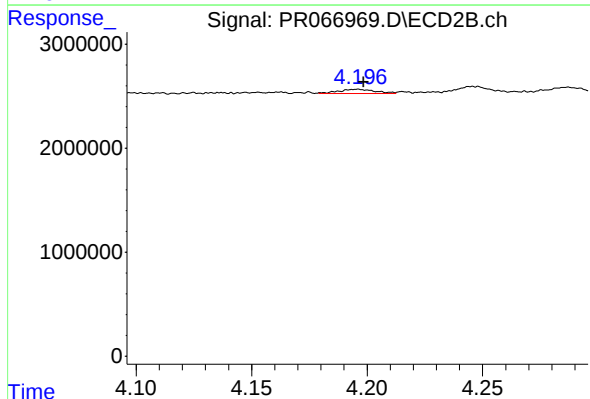
R.T.: 4.016 min
Delta R.T.: -0.005 min
Response: 710083
Conc: 3.20 ng/ml



#5 AR-1016-3

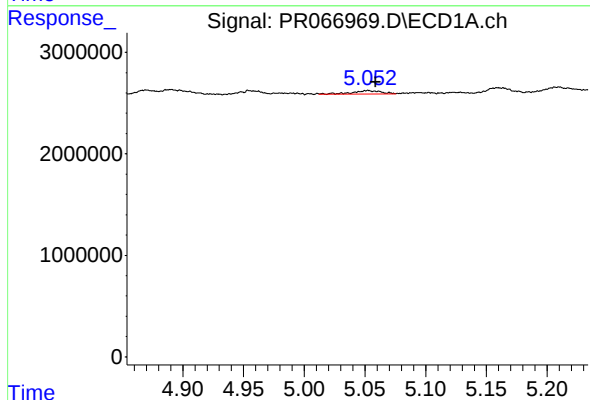
R.T.: 4.955 min
Delta R.T.: -0.002 min
Response: 432642
Conc: 2.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



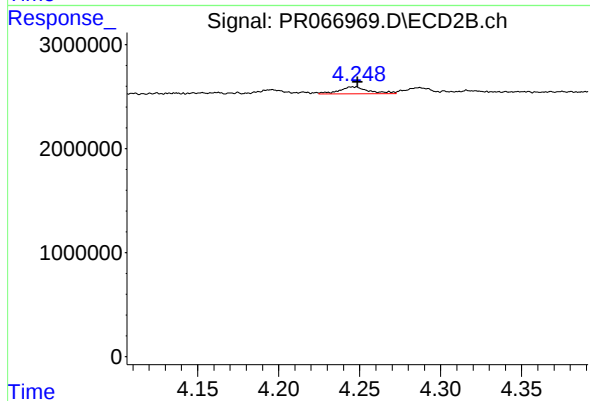
#5 AR-1016-3

R.T.: 4.196 min
Delta R.T.: -0.003 min
Response: 460011
Conc: 3.73 ng/ml



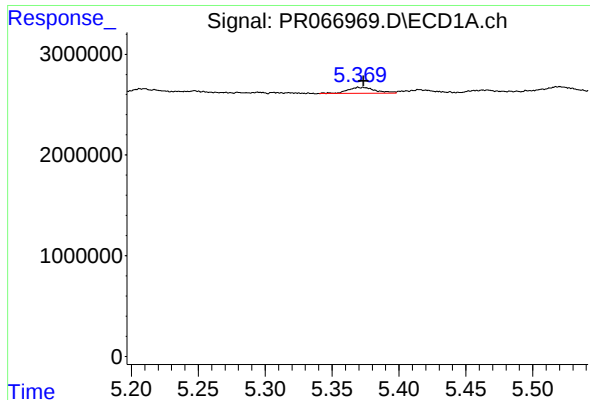
#6 AR-1016-4

R.T.: 5.052 min
Delta R.T.: -0.007 min
Response: 545230
Conc: 4.11 ng/ml



#6 AR-1016-4

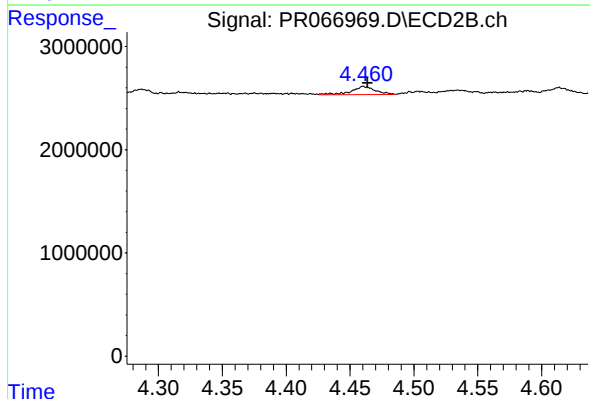
R.T.: 4.246 min
Delta R.T.: -0.003 min
Response: 853183
Conc: 8.17 ng/ml



#7 AR-1016-5

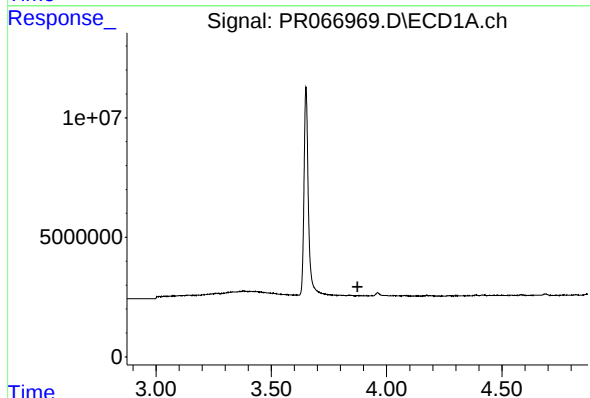
R.T.: 5.373 min
Delta R.T.: 0.000 min
Response: 810735
Conc: 6.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



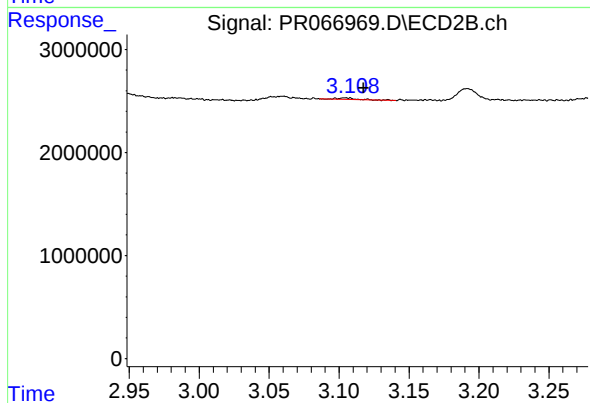
#7 AR-1016-5

R.T.: 4.461 min
Delta R.T.: -0.003 min
Response: 1020173
Conc: 7.70 ng/ml



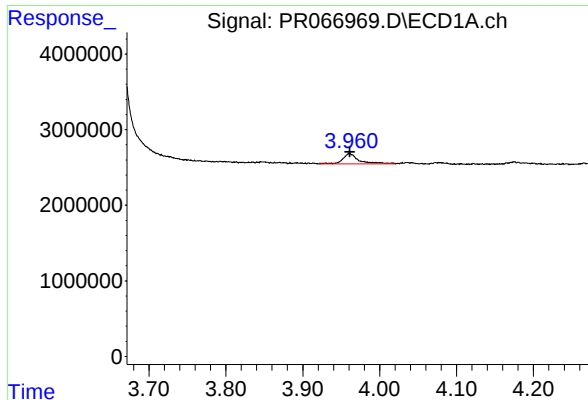
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 3.874 min
Response: 0
Conc: N.D.



#8 AR-1221-1

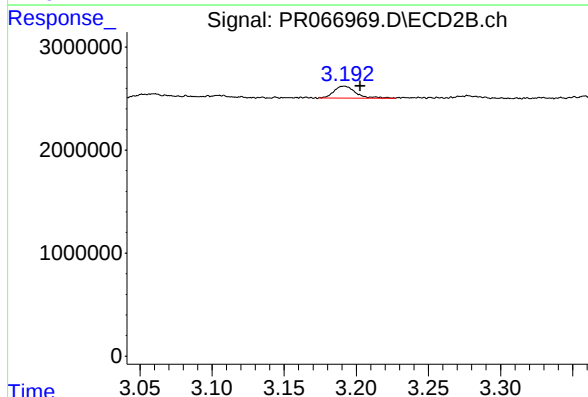
R.T.: 3.104 min
Delta R.T.: -0.013 min
Response: 125526
Conc: 2.26 ng/ml



#9 AR-1221-2

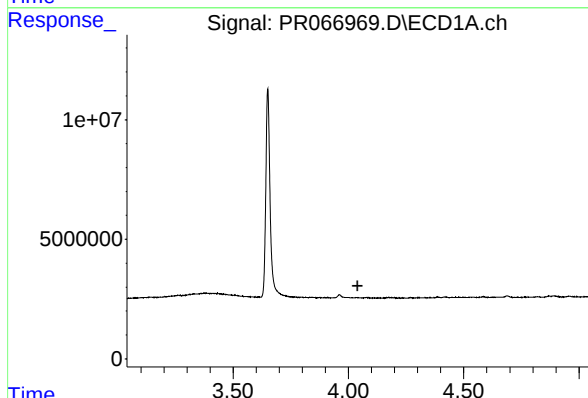
R.T.: 3.961 min
Delta R.T.: -0.001 min
Response: 1990034
Conc: 42.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



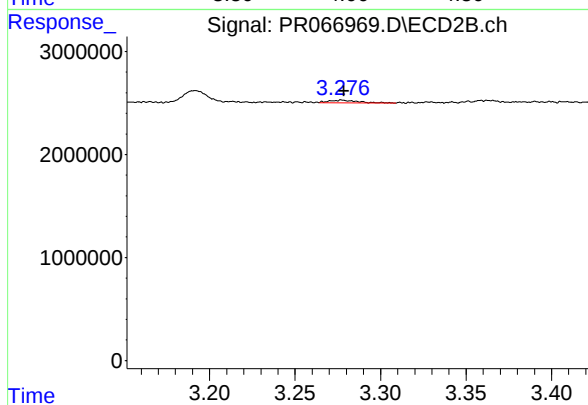
#9 AR-1221-2

R.T.: 3.191 min
Delta R.T.: -0.011 min
Response: 1235084
Conc: 30.86 ng/ml



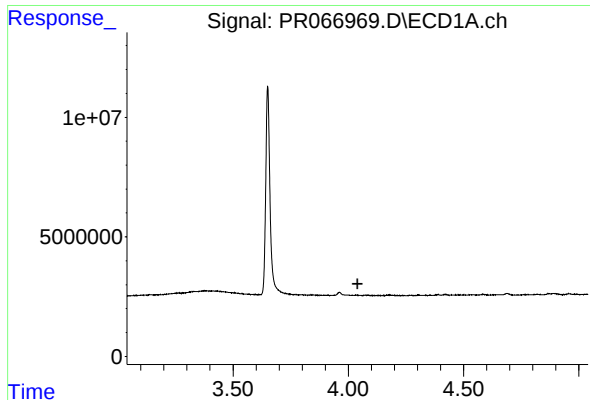
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 4.039 min
Response: 0
Conc: N.D.



#10 AR-1221-3

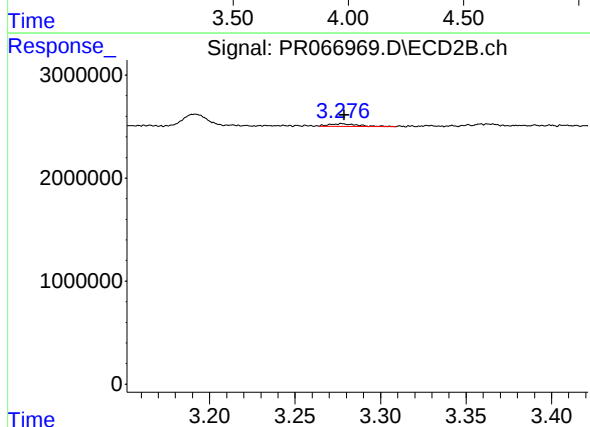
R.T.: 3.277 min
Delta R.T.: -0.001 min
Response: 307327
Conc: 2.44 ng/ml



#11 AR-1232-1

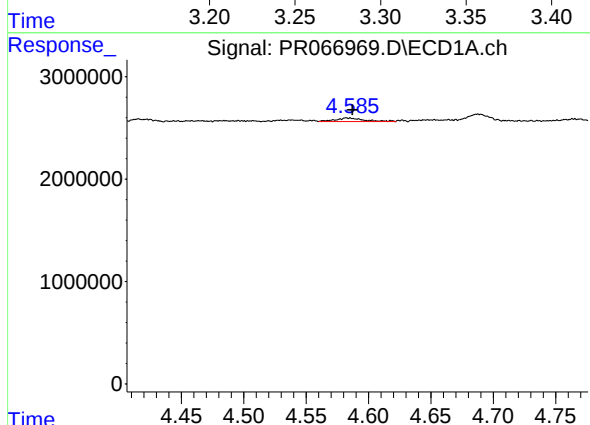
R.T.: 0.000 min
Exp R.T.: 4.040 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



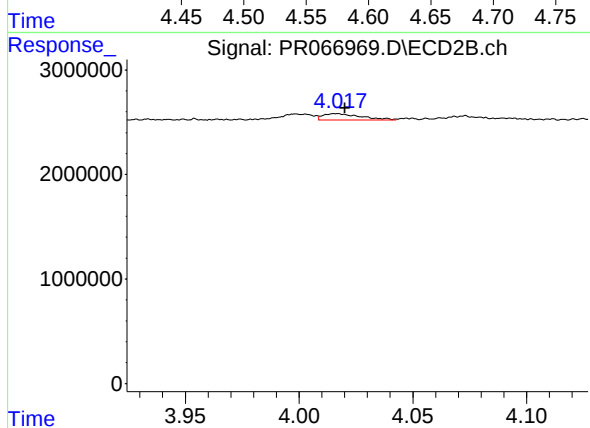
#11 AR-1232-1

R.T.: 3.277 min
Delta R.T.: -0.001 min
Response: 307327
Conc: 2.87 ng/ml



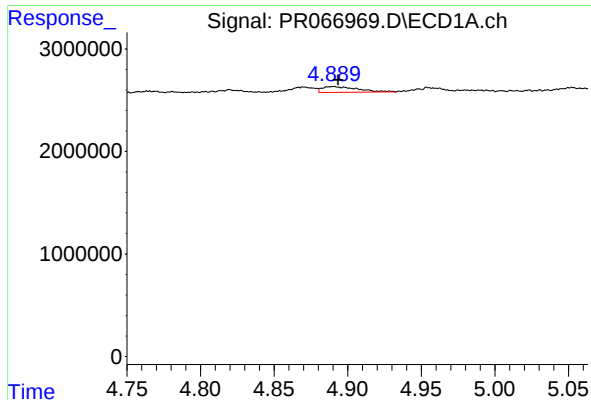
#12 AR-1232-2

R.T.: 4.583 min
Delta R.T.: -0.004 min
Response: 566876
Conc: 7.98 ng/ml



#12 AR-1232-2

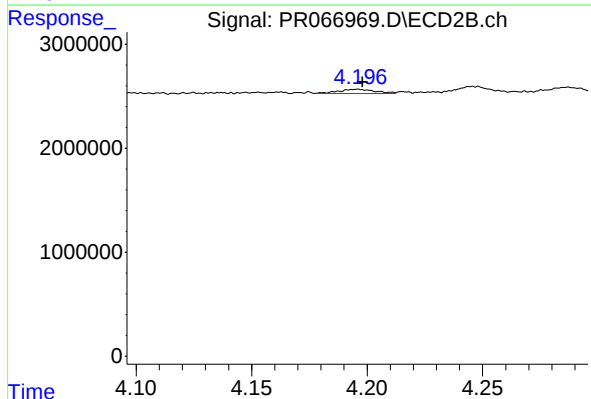
R.T.: 4.016 min
Delta R.T.: -0.004 min
Response: 710083
Conc: 6.85 ng/ml



#13 AR-1232-3

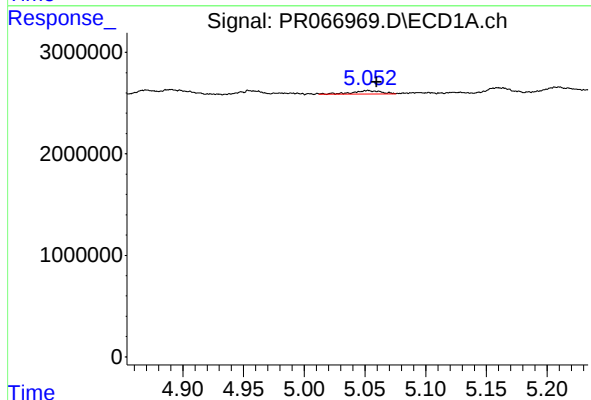
R.T.: 4.890 min
Delta R.T.: -0.003 min
Response: 923692
Conc: 8.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



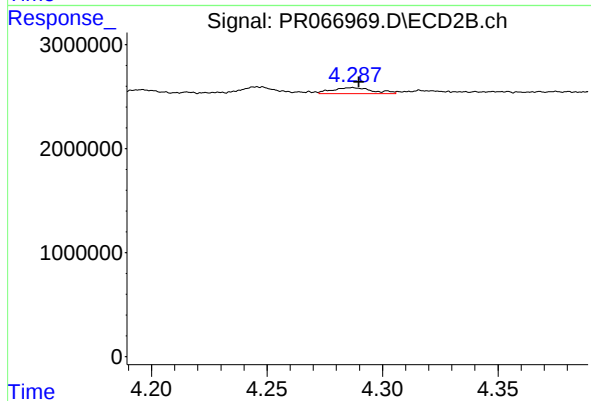
#13 AR-1232-3

R.T.: 4.196 min
Delta R.T.: -0.002 min
Response: 460011
Conc: 8.32 ng/ml



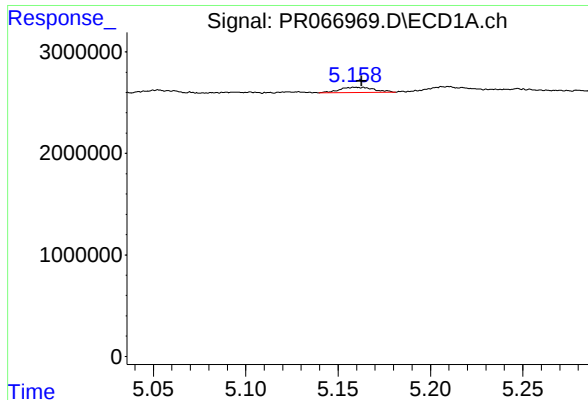
#14 AR-1232-4

R.T.: 5.052 min
Delta R.T.: -0.007 min
Response: 545230
Conc: 9.42 ng/ml



#14 AR-1232-4

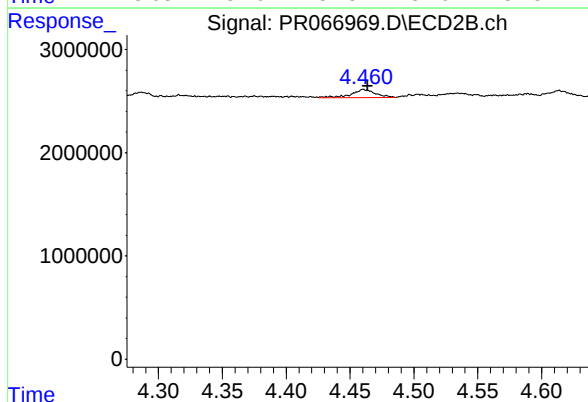
R.T.: 4.287 min
Delta R.T.: -0.003 min
Response: 701483
Conc: 13.72 ng/ml



#15 AR-1232-5

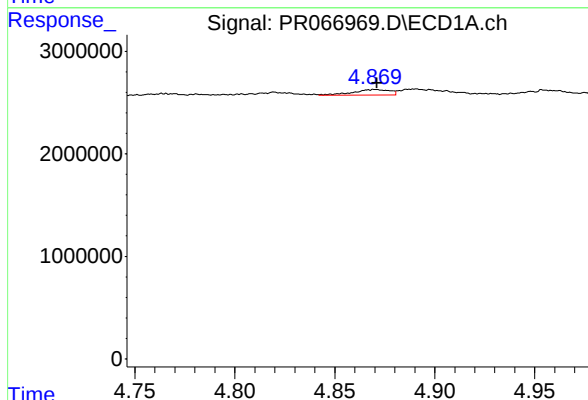
R.T.: 5.160 min
Delta R.T.: -0.003 min
Response: 671881
Conc: 15.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



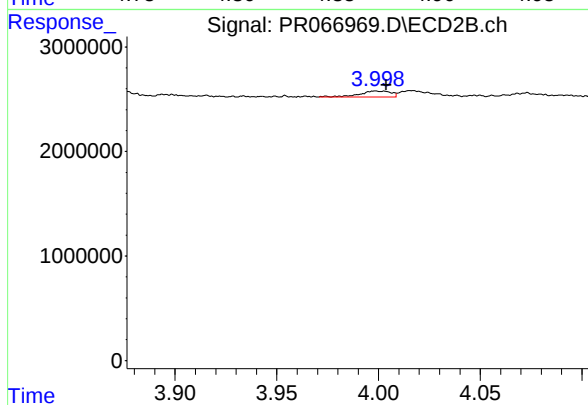
#15 AR-1232-5

R.T.: 4.461 min
Delta R.T.: -0.003 min
Response: 1020173
Conc: 18.42 ng/ml



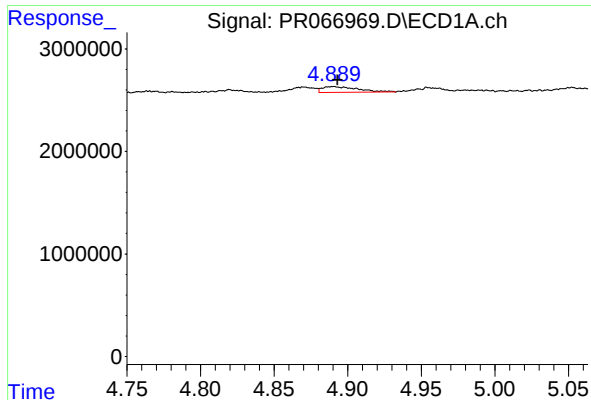
#16 AR-1242-1

R.T.: 4.870 min
Delta R.T.: -0.001 min
Response: 663031
Conc: 5.38 ng/ml



#16 AR-1242-1

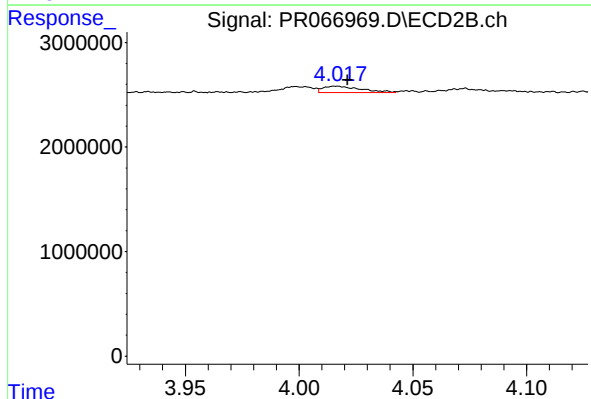
R.T.: 3.999 min
Delta R.T.: -0.005 min
Response: 609320
Conc: 5.13 ng/ml



#17 AR-1242-2

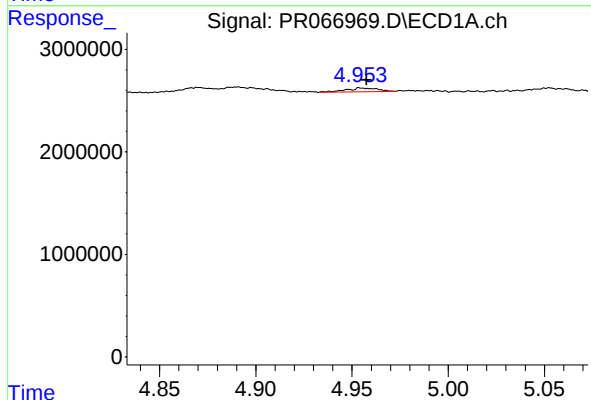
R.T.: 4.890 min
Delta R.T.: -0.003 min
Response: 923692
Conc: 4.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



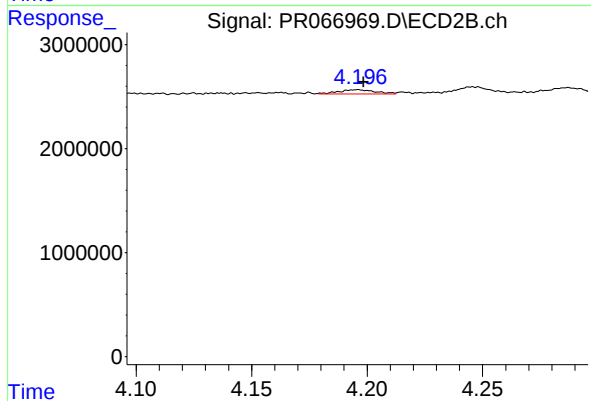
#17 AR-1242-2

R.T.: 4.016 min
Delta R.T.: -0.005 min
Response: 710083
Conc: 4.00 ng/ml



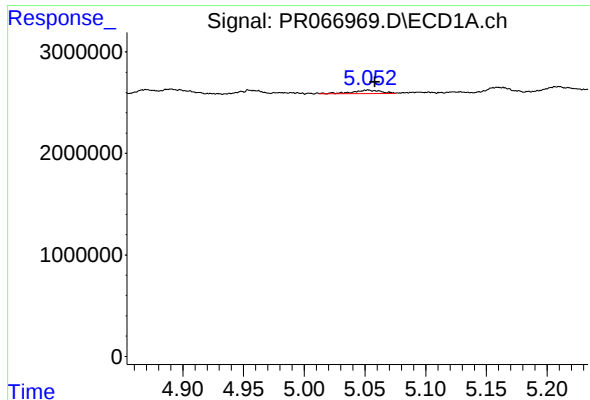
#18 AR-1242-3

R.T.: 4.955 min
Delta R.T.: -0.003 min
Response: 432642
Conc: 3.23 ng/ml



#18 AR-1242-3

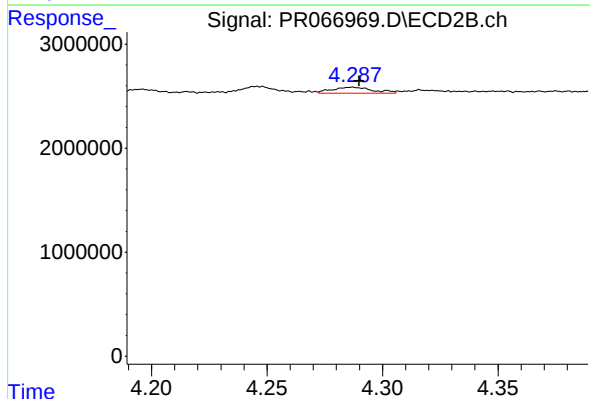
R.T.: 4.196 min
Delta R.T.: -0.003 min
Response: 460011
Conc: 4.68 ng/ml



#19 AR-1242-4

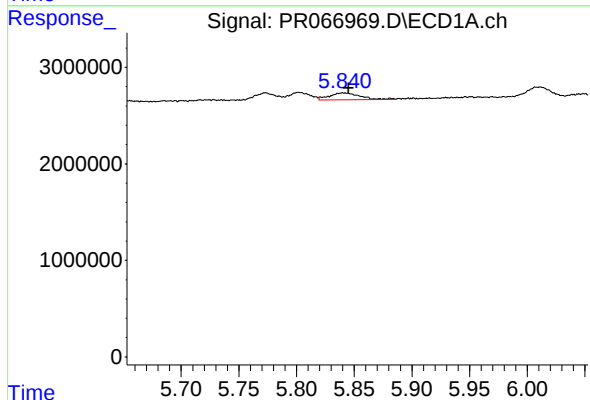
R.T.: 5.052 min
Delta R.T.: -0.006 min
Response: 545230
Conc: 5.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



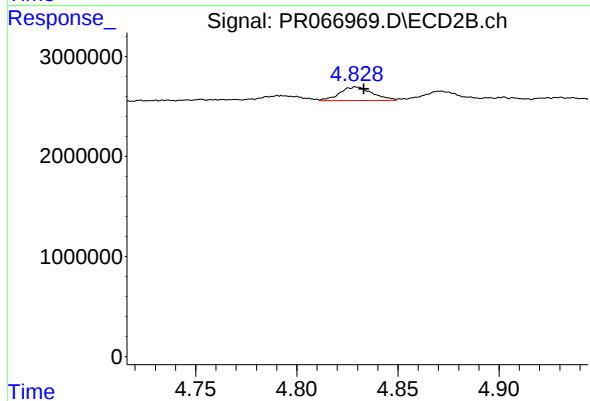
#19 AR-1242-4

R.T.: 4.287 min
Delta R.T.: -0.003 min
Response: 701483
Conc: 7.08 ng/ml



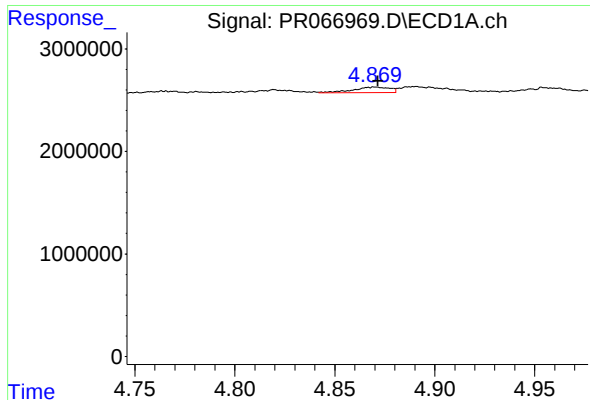
#20 AR-1242-5

R.T.: 5.840 min
Delta R.T.: -0.005 min
Response: 1312150
Conc: 12.47 ng/ml



#20 AR-1242-5

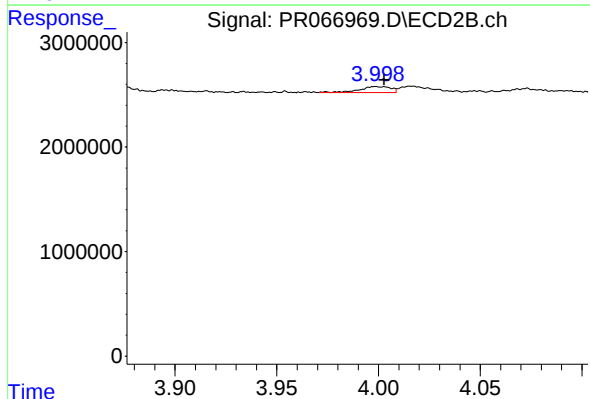
R.T.: 4.829 min
Delta R.T.: -0.004 min
Response: 1508341
Conc: 12.80 ng/ml



#21 AR-1248-1

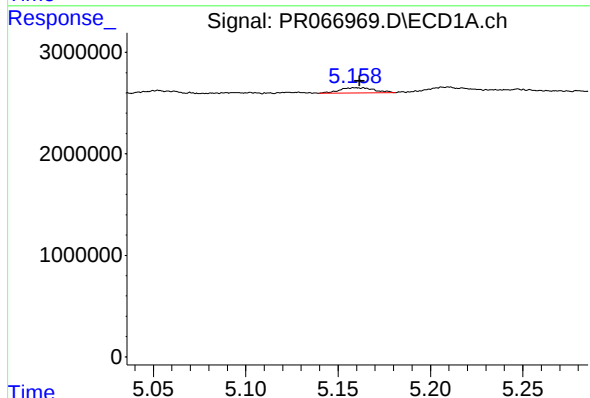
R.T.: 4.870 min
Delta R.T.: -0.001 min
Response: 663031
Conc: 7.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



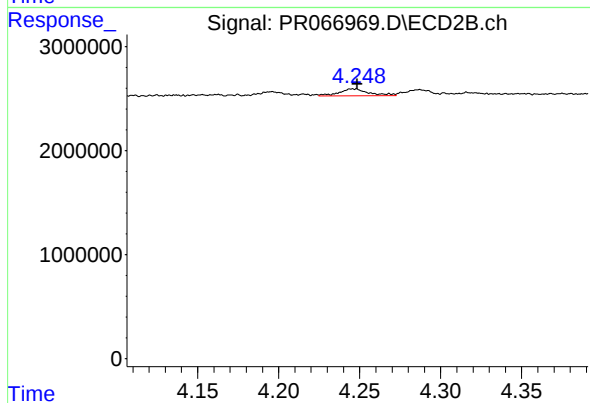
#21 AR-1248-1

R.T.: 3.999 min
Delta R.T.: -0.004 min
Response: 609320
Conc: 6.74 ng/ml



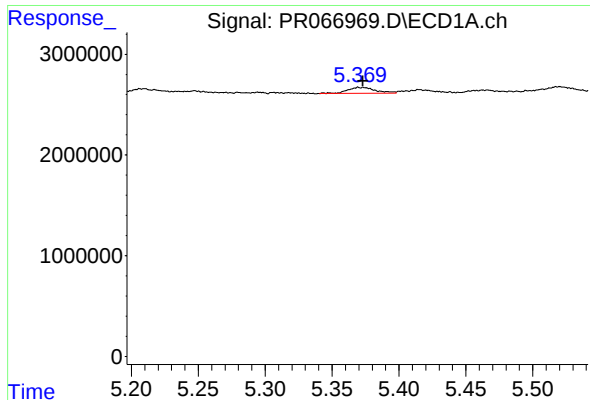
#22 AR-1248-2

R.T.: 5.160 min
Delta R.T.: -0.002 min
Response: 671881
Conc: 4.51 ng/ml



#22 AR-1248-2

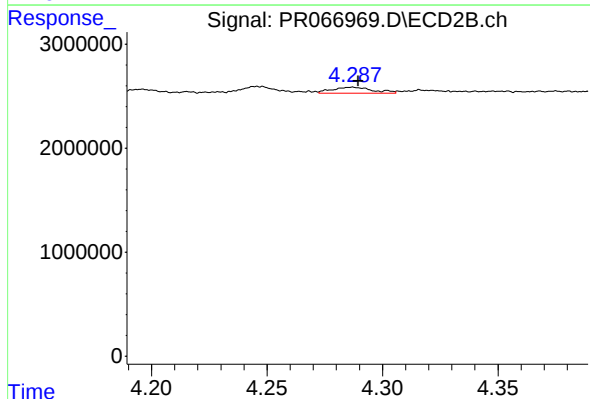
R.T.: 4.246 min
Delta R.T.: -0.003 min
Response: 853183
Conc: 6.10 ng/ml



#23 AR-1248-3

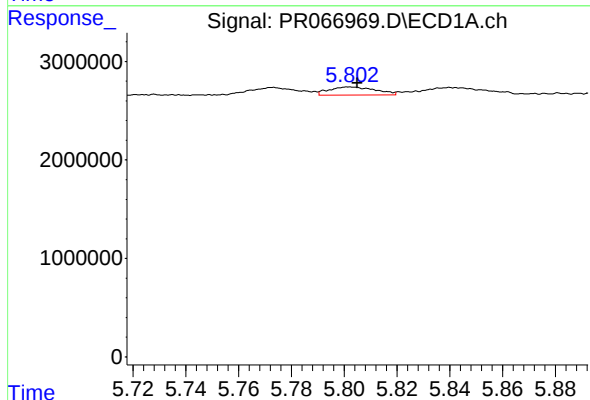
R.T.: 5.373 min
Delta R.T.: 0.000 min
Response: 810735
Conc: 4.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



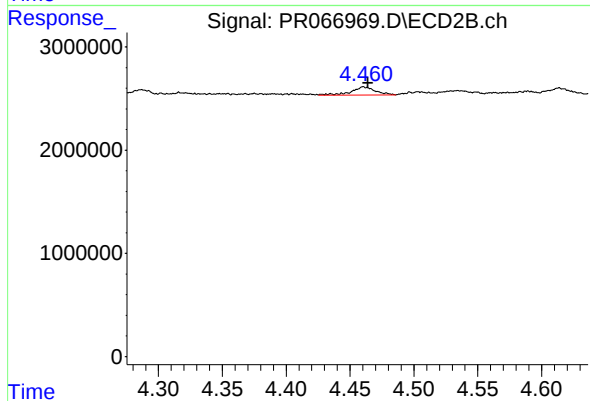
#23 AR-1248-3

R.T.: 4.287 min
Delta R.T.: -0.003 min
Response: 701483
Conc: 5.02 ng/ml



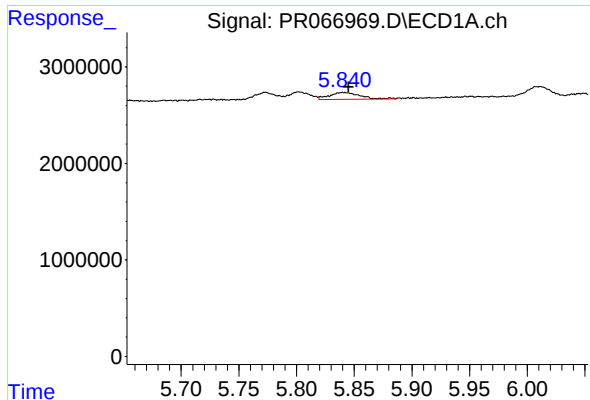
#24 AR-1248-4

R.T.: 5.802 min
Delta R.T.: -0.003 min
Response: 1010407
Conc: 6.41 ng/ml



#24 AR-1248-4

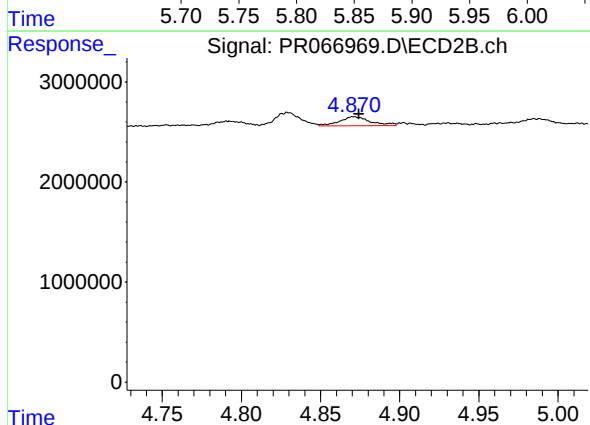
R.T.: 4.461 min
Delta R.T.: -0.003 min
Response: 1020173
Conc: 6.09 ng/ml



#25 AR-1248-5

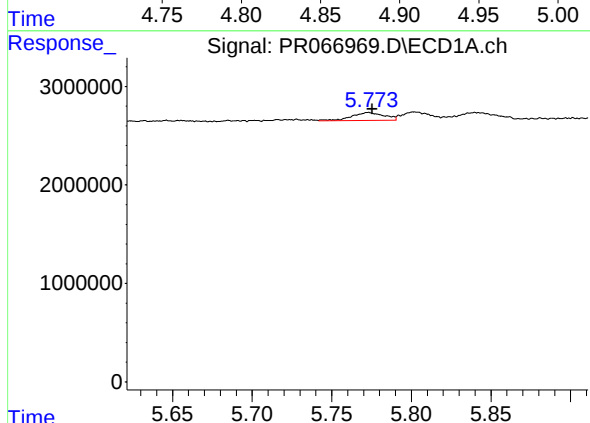
R.T.: 5.840 min
Delta R.T.: -0.005 min
Response: 1312150
Conc: 7.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



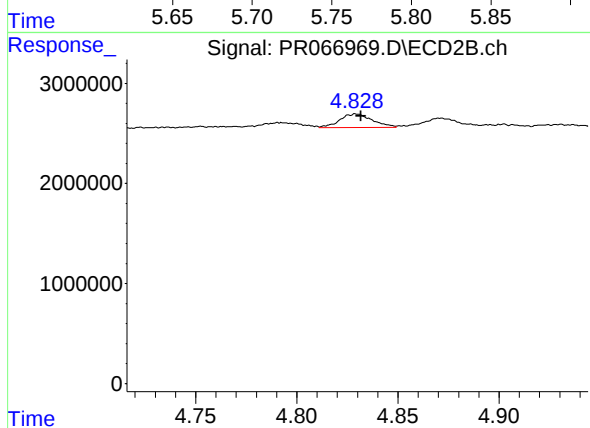
#25 AR-1248-5

R.T.: 4.871 min
Delta R.T.: -0.003 min
Response: 1208192
Conc: 7.82 ng/ml



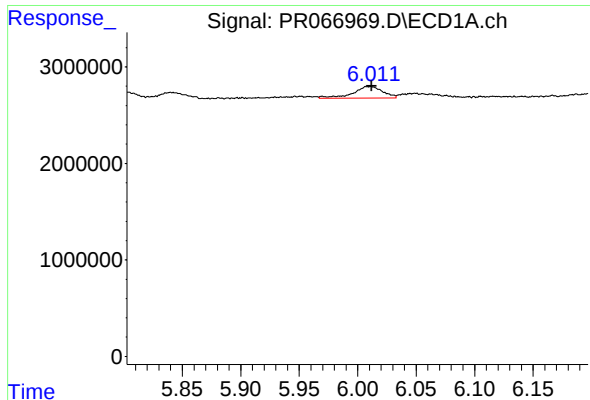
#26 AR-1254-1

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 1151391
Conc: 6.04 ng/ml



#26 AR-1254-1

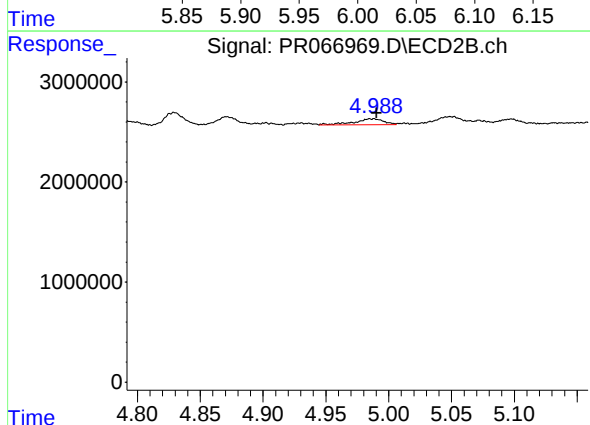
R.T.: 4.829 min
Delta R.T.: -0.002 min
Response: 1508341
Conc: 6.17 ng/ml



#27 AR-1254-2

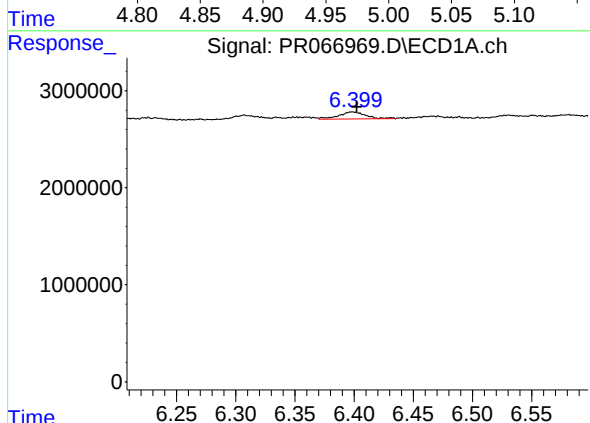
R.T.: 6.011 min
Delta R.T.: 0.000 min
Response: 2163919
Conc: 7.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



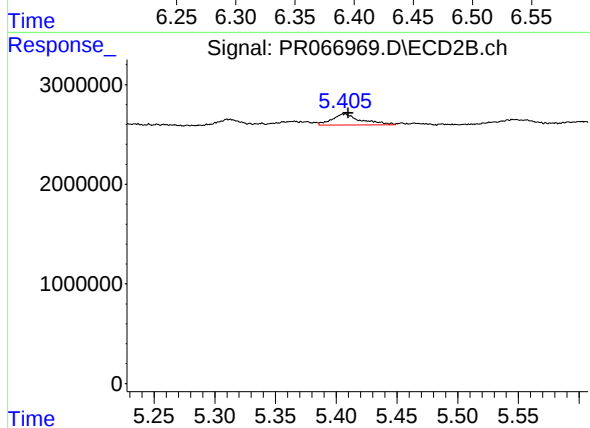
#27 AR-1254-2

R.T.: 4.986 min
Delta R.T.: -0.004 min
Response: 1004992
Conc: 4.64 ng/ml



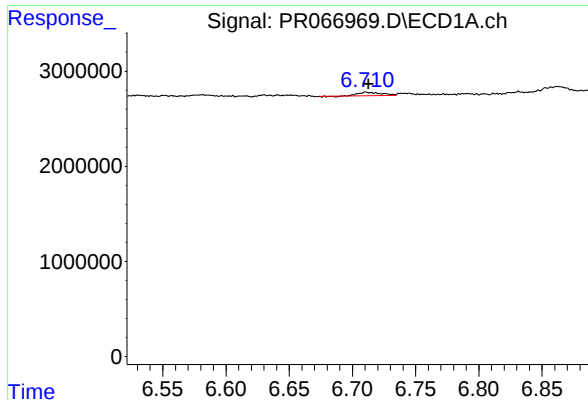
#28 AR-1254-3

R.T.: 6.399 min
Delta R.T.: -0.004 min
Response: 1177493
Conc: 4.39 ng/ml



#28 AR-1254-3

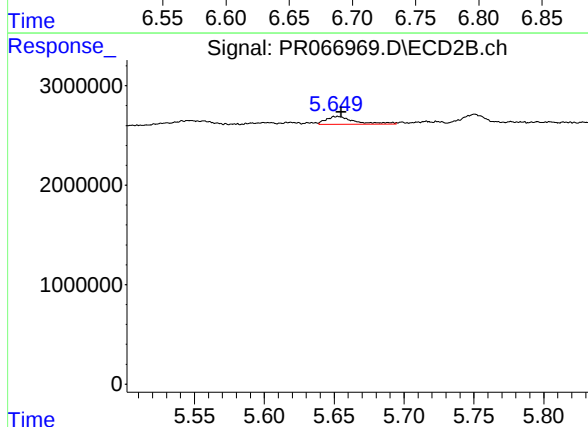
R.T.: 5.407 min
Delta R.T.: -0.003 min
Response: 1859462
Conc: 5.47 ng/ml



#29 AR-1254-4

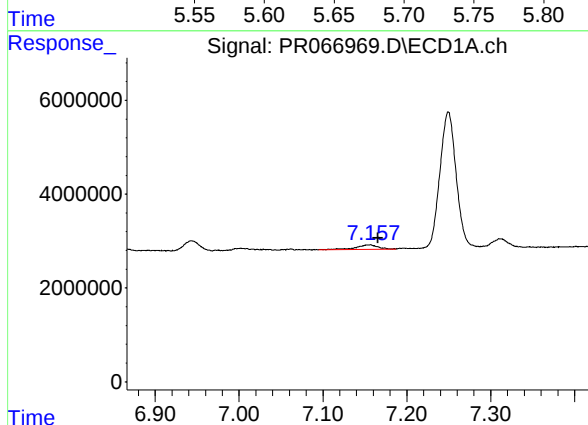
R.T.: 6.711 min
Delta R.T.: -0.002 min
Response: 490083
Conc: 3.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



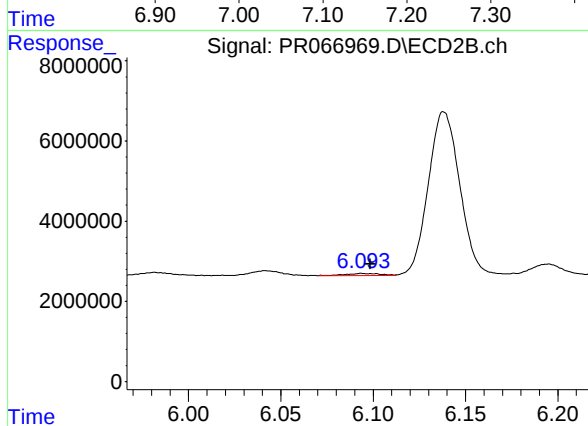
#29 AR-1254-4

R.T.: 5.652 min
Delta R.T.: -0.003 min
Response: 1154461
Conc: 5.88 ng/ml



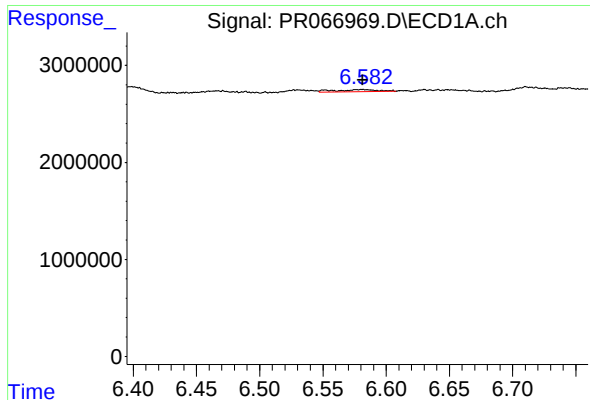
#30 AR-1254-5

R.T.: 7.156 min
Delta R.T.: -0.010 min
Response: 1832705
Conc: 9.55 ng/ml



#30 AR-1254-5

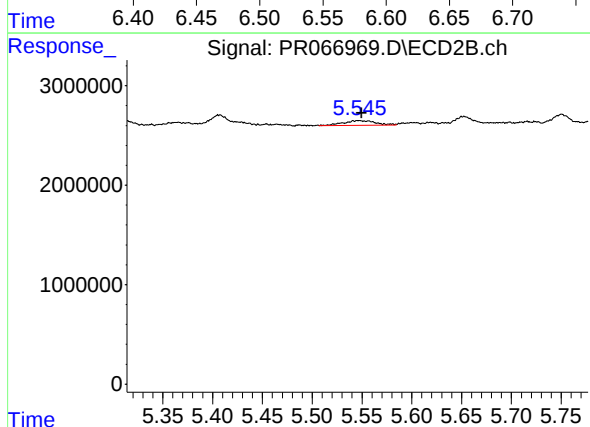
R.T.: 6.094 min
Delta R.T.: -0.004 min
Response: 665128
Conc: 2.16 ng/ml



#31 AR-1260-1

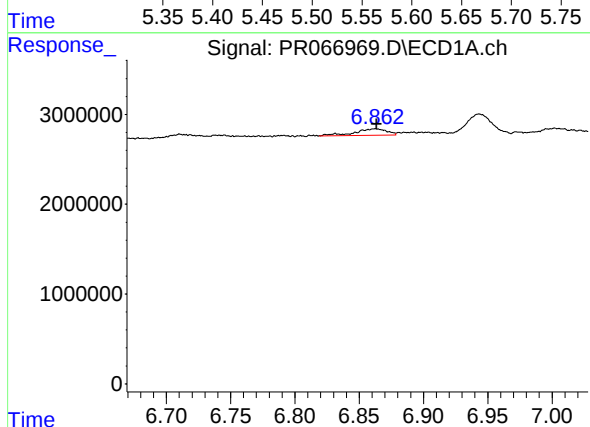
R.T.: 6.581 min
Delta R.T.: 0.000 min
Response: 542627
Conc: 2.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



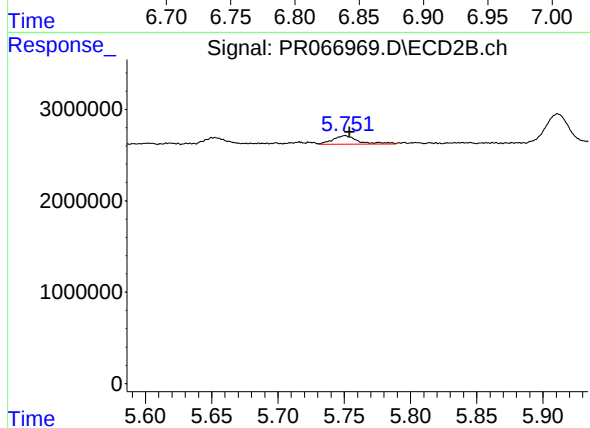
#31 AR-1260-1

R.T.: 5.547 min
Delta R.T.: -0.003 min
Response: 1037928
Conc: 3.98 ng/ml



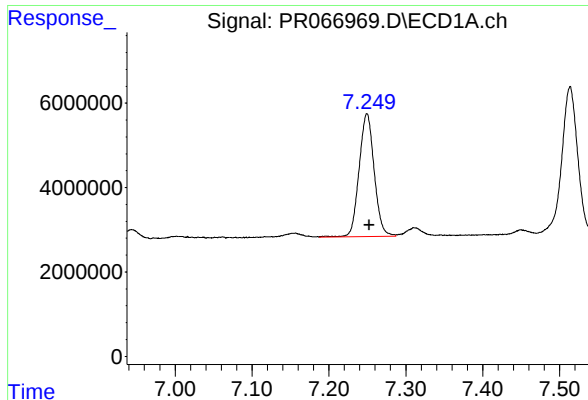
#32 AR-1260-2

R.T.: 6.863 min
Delta R.T.: -0.001 min
Response: 1266010
Conc: 4.89 ng/ml



#32 AR-1260-2

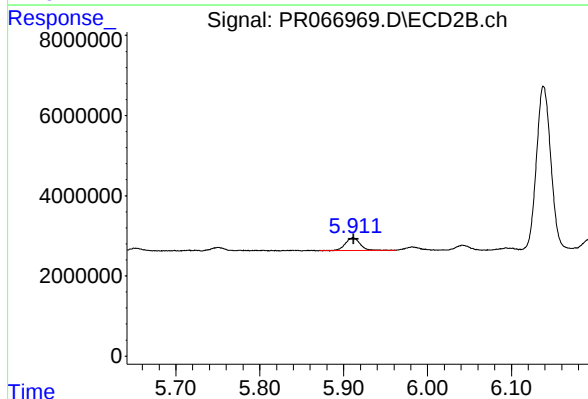
R.T.: 5.751 min
Delta R.T.: -0.004 min
Response: 1259278
Conc: 4.11 ng/ml



#33 AR-1260-3

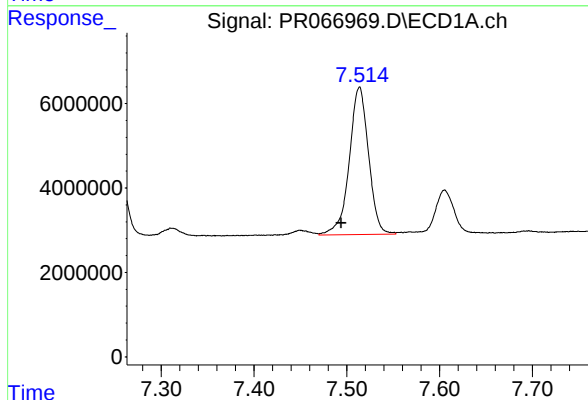
R.T.: 7.250 min
Delta R.T.: -0.003 min
Response: 39678680
Conc: 199.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



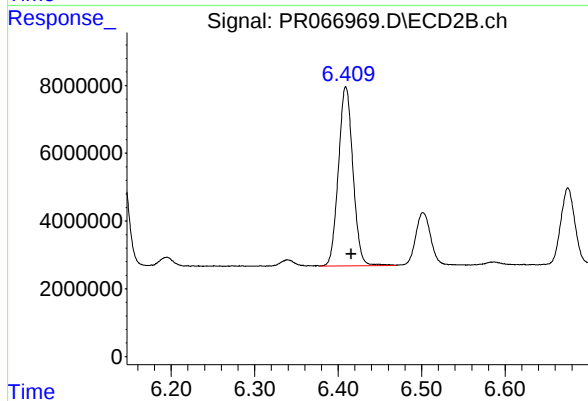
#33 AR-1260-3

R.T.: 5.911 min
Delta R.T.: 0.000 min
Response: 3983508
Conc: 13.59 ng/ml



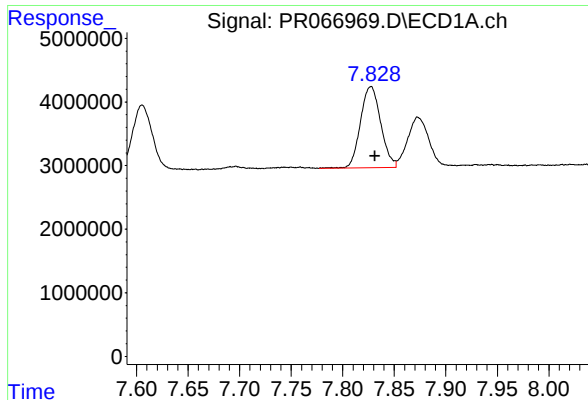
#34 AR-1260-4

R.T.: 7.514 min
Delta R.T.: 0.020 min
Response: 50536656
Conc: 241.94 ng/ml



#34 AR-1260-4

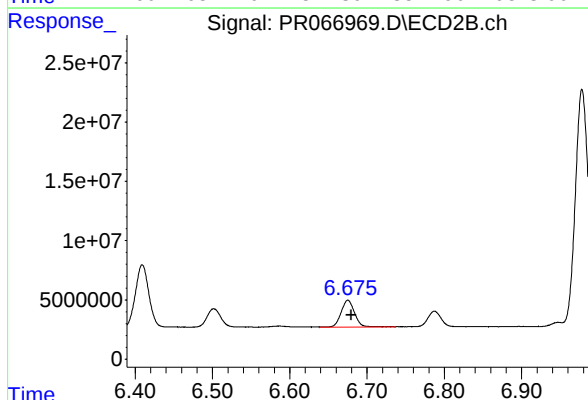
R.T.: 6.409 min
Delta R.T.: -0.007 min
Response: 64028755
Conc: 256.08 ng/ml



#35 AR-1260-5

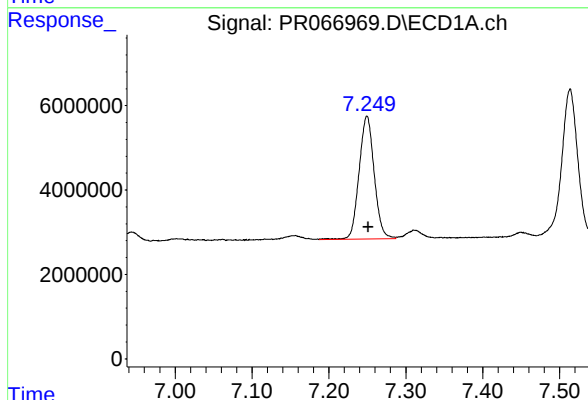
R.T.: 7.827 min
Delta R.T.: -0.004 min
Response: 17498096
Conc: 51.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



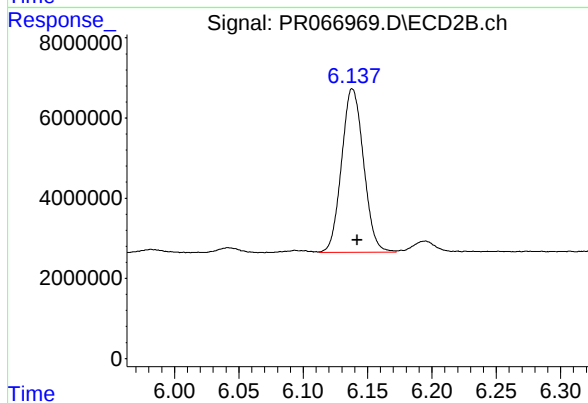
#35 AR-1260-5

R.T.: 6.675 min
Delta R.T.: -0.004 min
Response: 27357466
Conc: 50.12 ng/ml



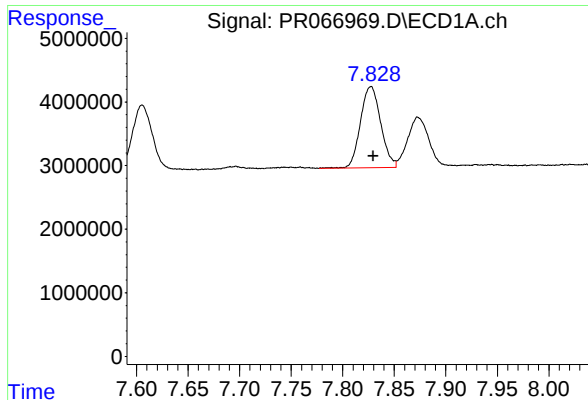
#36 AR-1262-1

R.T.: 7.250 min
Delta R.T.: -0.002 min
Response: 39678680
Conc: 153.33 ng/ml



#36 AR-1262-1

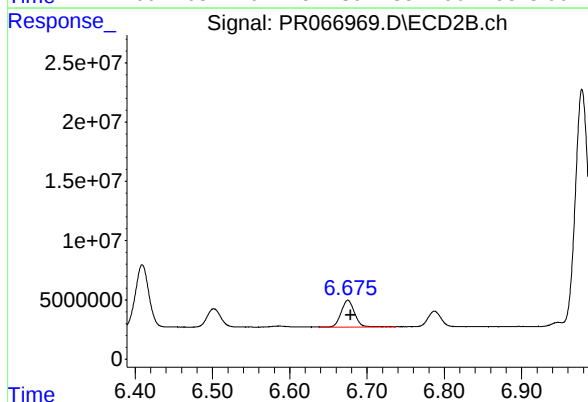
R.T.: 6.138 min
Delta R.T.: -0.004 min
Response: 48563399
Conc: 146.51 ng/ml



#37 AR-1262-2

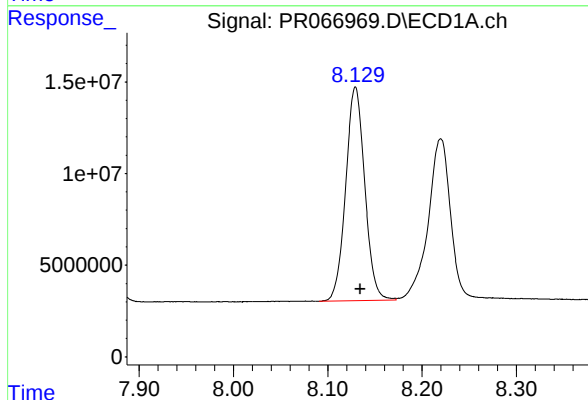
R.T.: 7.827 min
Delta R.T.: -0.002 min
Response: 17498096
Conc: 50.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



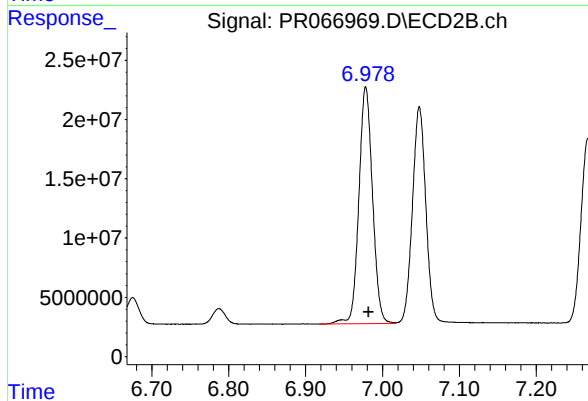
#37 AR-1262-2

R.T.: 6.675 min
Delta R.T.: -0.003 min
Response: 27357466
Conc: 49.15 ng/ml



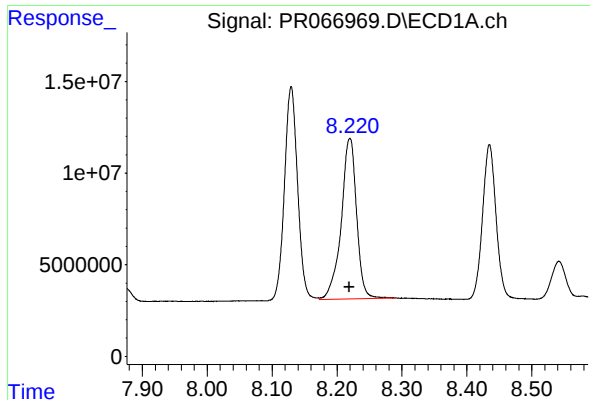
#38 AR-1262-3

R.T.: 8.129 min
Delta R.T.: -0.005 min
Response: 163817868
Conc: 718.26 ng/ml



#38 AR-1262-3

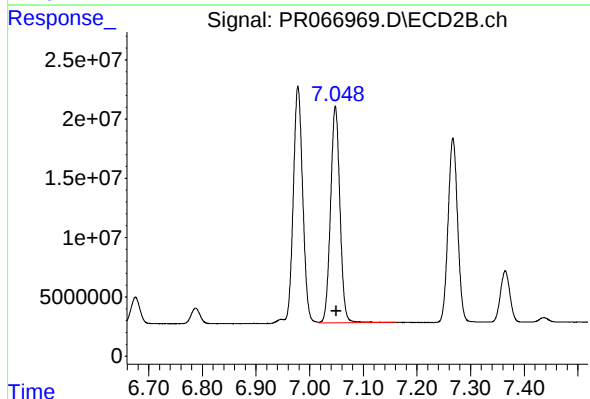
R.T.: 6.978 min
Delta R.T.: -0.004 min
Response: 246582487
Conc: 1033.16 ng/ml



#39 AR-1262-4

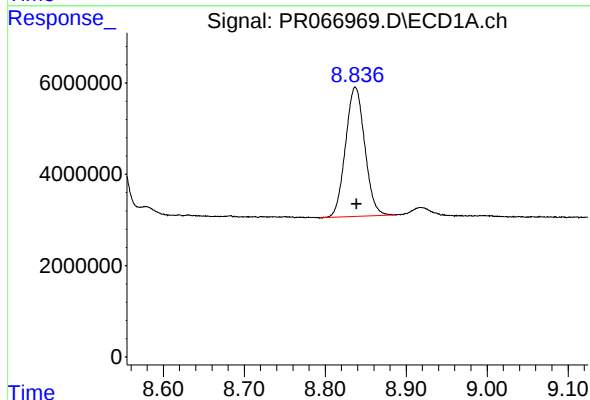
R.T.: 8.220 min
Delta R.T.: 0.001 min
Response: 144422205
Conc: 800.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



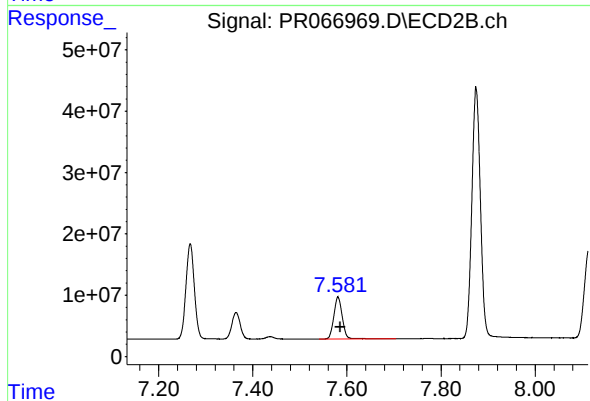
#39 AR-1262-4

R.T.: 7.048 min
Delta R.T.: -0.002 min
Response: 222883640
Conc: 522.32 ng/ml



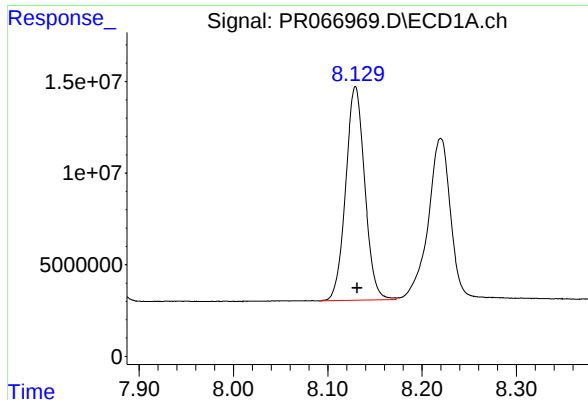
#40 AR-1262-5

R.T.: 8.837 min
Delta R.T.: -0.001 min
Response: 46814685
Conc: 457.01 ng/ml



#40 AR-1262-5

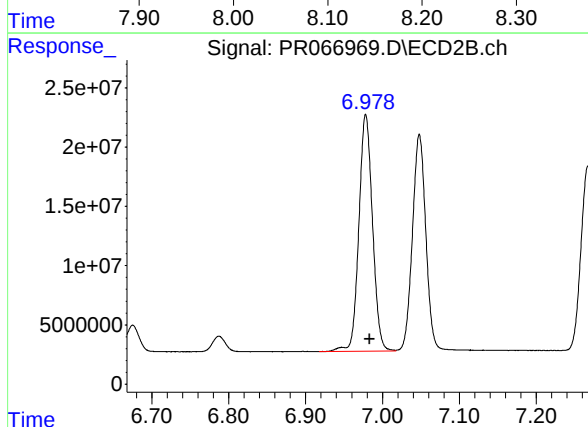
R.T.: 7.581 min
Delta R.T.: -0.005 min
Response: 85067813
Conc: 434.30 ng/ml



#41 AR-1268-1

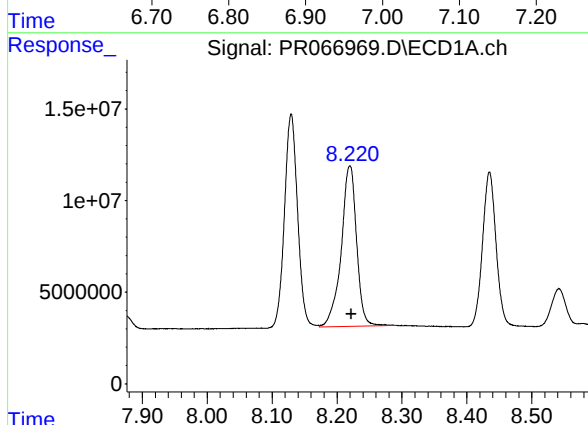
R.T.: 8.129 min
Delta R.T.: -0.002 min
Response: 163817868
Conc: 394.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



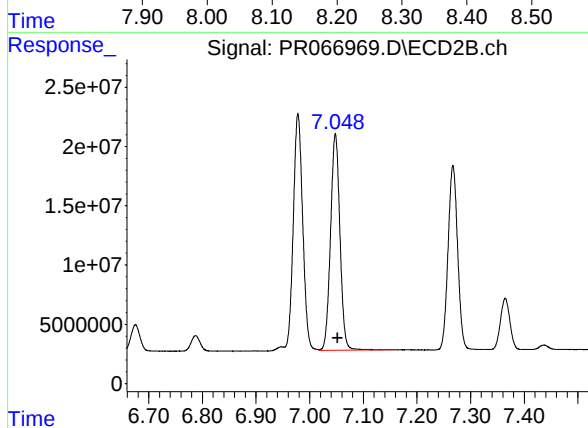
#41 AR-1268-1

R.T.: 6.978 min
Delta R.T.: -0.005 min
Response: 246582487
Conc: 370.56 ng/ml



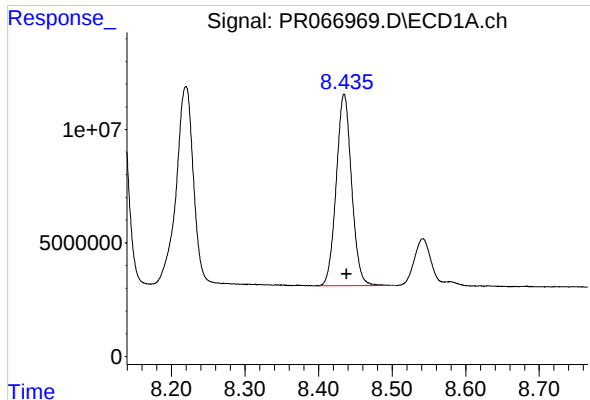
#42 AR-1268-2

R.T.: 8.220 min
Delta R.T.: -0.002 min
Response: 144422205
Conc: 389.79 ng/ml



#42 AR-1268-2

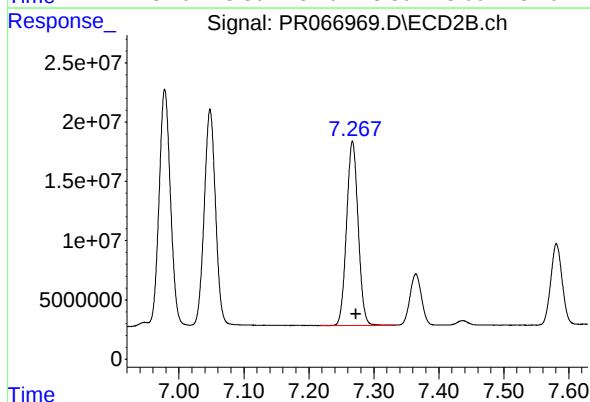
R.T.: 7.048 min
Delta R.T.: -0.004 min
Response: 222883640
Conc: 365.71 ng/ml



#43 AR-1268-3

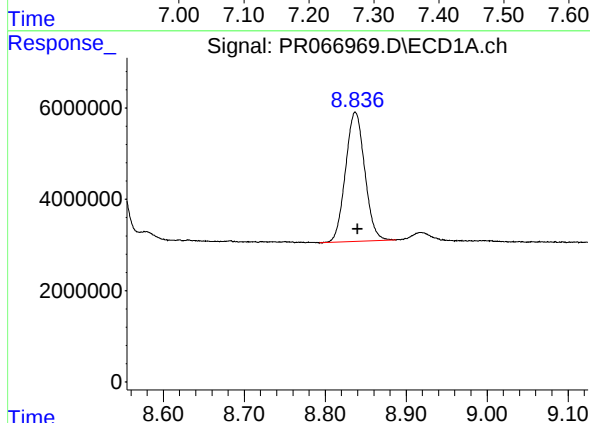
R.T.: 8.435 min
Delta R.T.: -0.003 min
Response: 122257098
Conc: 375.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



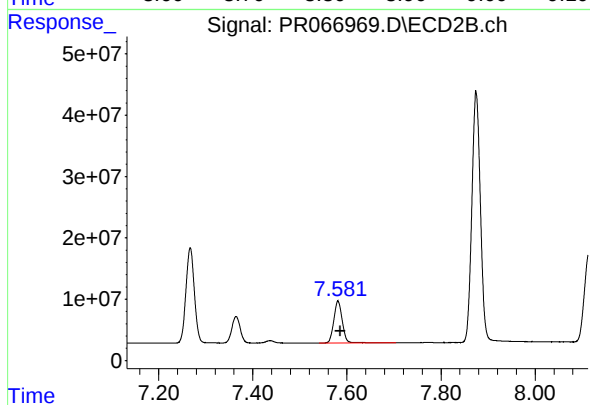
#43 AR-1268-3

R.T.: 7.267 min
Delta R.T.: -0.005 min
Response: 192849188
Conc: 360.56 ng/ml



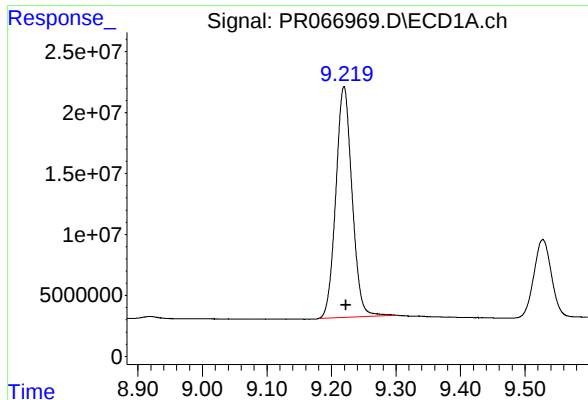
#44 AR-1268-4

R.T.: 8.837 min
Delta R.T.: -0.003 min
Response: 46814685
Conc: 412.22 ng/ml



#44 AR-1268-4

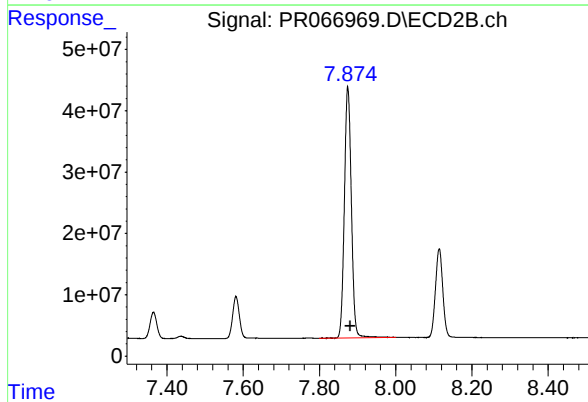
R.T.: 7.581 min
Delta R.T.: -0.005 min
Response: 85067813
Conc: 385.95 ng/ml



#45 AR-1268-5

R.T.: 9.219 min
Delta R.T.: -0.003 min
Response: 331656147
Conc: 393.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.875 min
Delta R.T.: -0.006 min
Response: 519924333
Conc: 348.55 ng/ml