

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR083118\
 Data File : PR031709.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Aug 2018 17:38
 Operator : SM\SJ
 Sample : PB112547BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 01 02:35:36 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR083018.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 31 07:21:10 2018
 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...	4.534	3.675	162.2E6	265.8E6	11.896	10.689
2)	SA Decachlor...	10.274	8.523	493.3E6	364.3E6	19.863	22.841
Target Compounds							
3)	L1 AR-1016-1	5.229	4.318	67334981	130.0E6	180.229	165.590
4)	L1 AR-1016-2	5.422	4.715	65556556	206.9E6	175.813	183.032
5)	L1 AR-1016-3	5.687	4.731	103.2E6	333.9E6	168.562	176.450
6)	L1 AR-1016-4	5.772	4.787	90614023	207.6E6	174.653	177.769
7)	L1 AR-1016-5	6.161	5.149	81239594	198.5E6	183.462	182.783
8)	L2 AR-1221-1	4.731	3.875	9232896	13682819	56.616	42.555
9)	L2 AR-1221-2	4.822	3.961	10525191	19647750	85.149	78.095
10)	L2 AR-1221-3	4.897	4.032	41098295	76950446	106.738	102.073
11)	L3 AR-1232-1	5.709	4.503	149.8E6	142.8E6	409.693	406.639
12)	L3 AR-1232-2	5.869	4.614	78285224	45435534	462.806	393.812
13)	L3 AR-1232-3	6.041	4.981	25759869	184.1E6	548.213	487.603
14)	L3 AR-1232-4	6.369	5.292	15462761	176.8E6	318.946	380.045
15)	L3 AR-1232-5	7.230	0.000	25589471	0	775.129	N.D. #
16)	L4 AR-1242-1	5.260	4.337	35859858	74678250	228.299	223.721
17)	L4 AR-1242-2	6.003	4.904	72537851	179.7E6	244.726	242.243
18)	L4 AR-1242-3	6.203	5.011	35199077	64146034	225.933	249.421
19)	L4 AR-1242-4	6.248	5.364	23787175	41946251	200.315	168.132
20)	L4 AR-1242-5	6.302	5.722	68916620	25033828	180.236	43.152 #
21)	L5 AR-1248-1	5.958	4.941	68669225	149.1E6	135.326	134.743
22)	L5 AR-1248-2	6.537	5.489	83890044	188.3E6	156.383	82.750 #
23)	L5 AR-1248-3	6.537	5.530	83890044	34679011	115.103	21.762 #
24)	L5 AR-1248-4	6.601	5.722	13674467	25033828	19.819	17.356
25)	L5 AR-1248-5	6.798	6.036	4889102	340.1E6	10.334	326.794 #
26)	L6 AR-1254-1	6.752	5.631	74063112	190.5E6	55.931	74.754 #
27)	L6 AR-1254-2	7.033	5.938	15183097	27283432	18.278	14.963
28)	L6 AR-1254-3	7.118	6.250	43736945	46155899	29.488	14.076 #
29)	L6 AR-1254-4	7.403	6.559	31332457	43376095	26.155	29.141
30)	L6 AR-1254-5	7.665	6.655	103.0E6	490.0E6	118.876	232.612 #
31)	L7 AR-1260-1	7.282	6.150	187.8E6	463.9E6	187.112	204.334
32)	L7 AR-1260-2	7.536	6.334	238.2E6	546.5E6	179.903	196.076
33)	L7 AR-1260-3	7.819	6.484	291.5E6	437.5E6	188.839	194.940
34)	L7 AR-1260-4	8.123	6.946	193.1E6	244.9E6	171.998	177.336
35)	L7 AR-1260-5	8.445	7.185	431.5E6	588.3E6	166.504	199.924
36)	L8 AR-1262-1	7.177	6.036	119.2E6	340.1E6	201.389	239.548
37)	L8 AR-1262-2	7.953	6.743	91807176	204.7E6	156.731	190.822
38)	L8 AR-1262-3	8.205	7.040	97174550	153.9E6	187.583	184.233
39)	L8 AR-1262-4	8.832	7.459	176.3E6	130.8E6	115.224	112.590
40)	L8 AR-1262-5	9.513	8.014	132.8E6	114.5E6	118.157	134.002
41)	L9 AR-1268-1	7.896	6.689	173.3E6	371.6E6	299.035	358.396

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 ALS Vial : 6 Sample Multiplier: 1

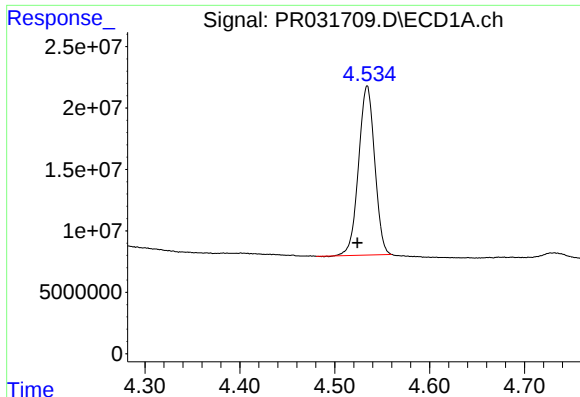
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 01 02:35:36 2018
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 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	8.123	7.525	193.1E6	347.6E6	238.797	135.925 #
43) L9	AR-1268-3	8.775	7.721	288.4E6	13995798	78.405	6.458 #
44) L9	AR-1268-4	9.086	0.000	11738150	0	3.971	N.D. #
45) L9	AR-1268-5	9.933	8.288	45571195	40148813	5.173	6.654 #

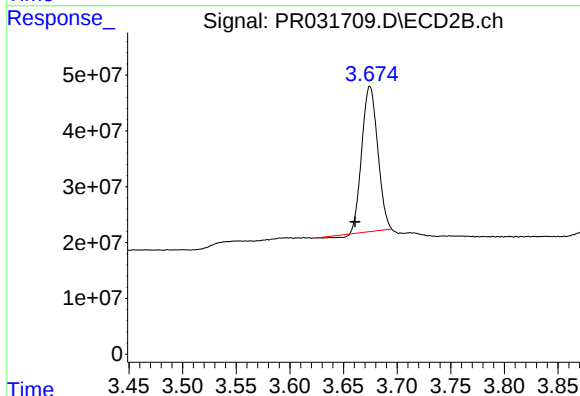
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

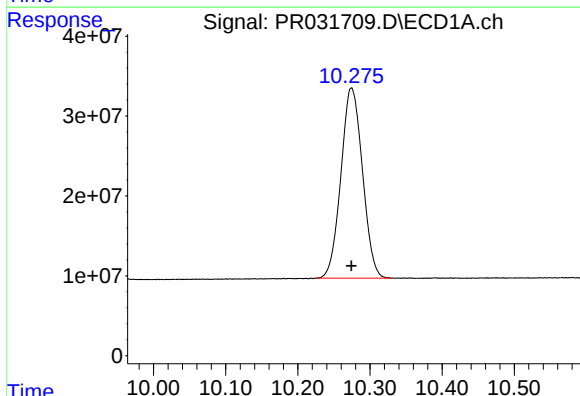
R.T.: 4.534 min
Delta R.T.: 0.010 min
Response: 162151797
Conc: 11.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



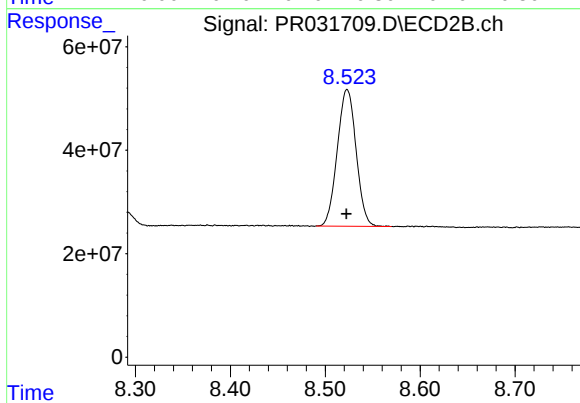
#1 Tetrachloro-m-xylene

R.T.: 3.675 min
Delta R.T.: 0.014 min
Response: 265755513
Conc: 10.69 ng/ml



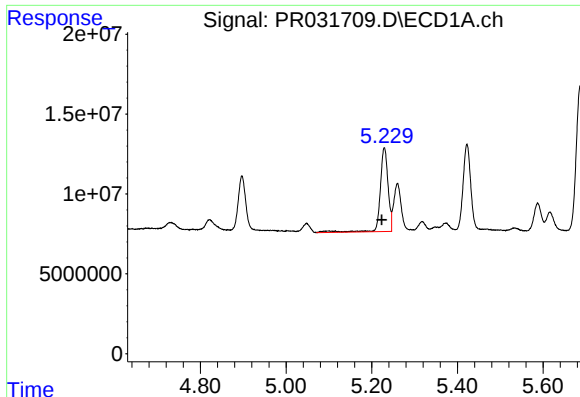
#2 Decachlorobiphenyl

R.T.: 10.274 min
Delta R.T.: 0.000 min
Response: 493308772
Conc: 19.86 ng/ml



#2 Decachlorobiphenyl

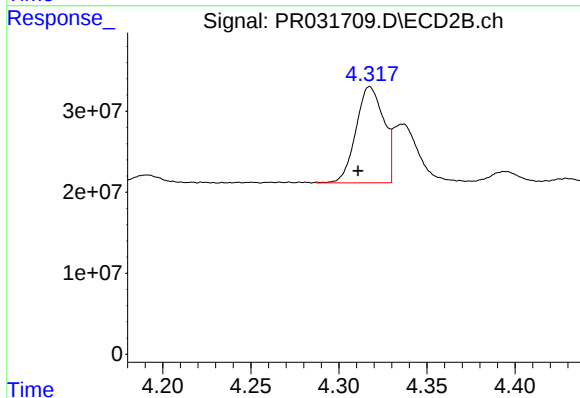
R.T.: 8.523 min
Delta R.T.: 0.000 min
Response: 364267048
Conc: 22.84 ng/ml



#3 AR-1016-1

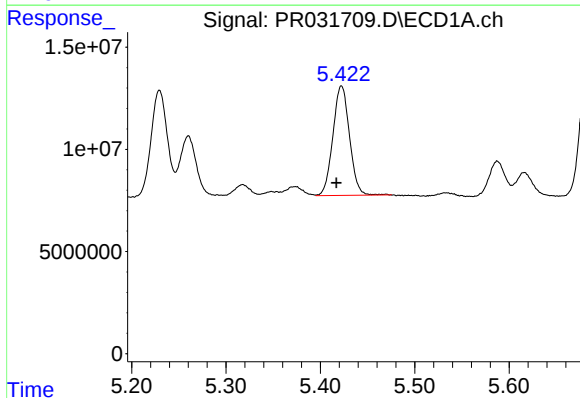
R.T.: 5.229 min
Delta R.T.: 0.006 min
Response: 67334981
Conc: 180.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



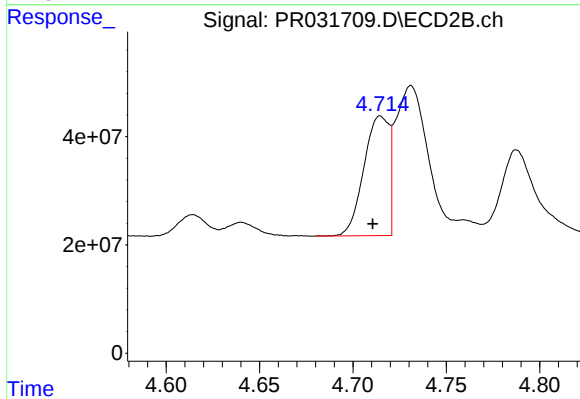
#3 AR-1016-1

R.T.: 4.318 min
Delta R.T.: 0.007 min
Response: 130021355
Conc: 165.59 ng/ml



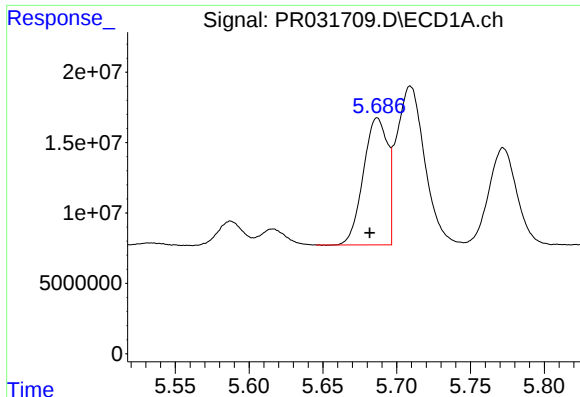
#4 AR-1016-2

R.T.: 5.422 min
Delta R.T.: 0.005 min
Response: 65556556
Conc: 175.81 ng/ml



#4 AR-1016-2

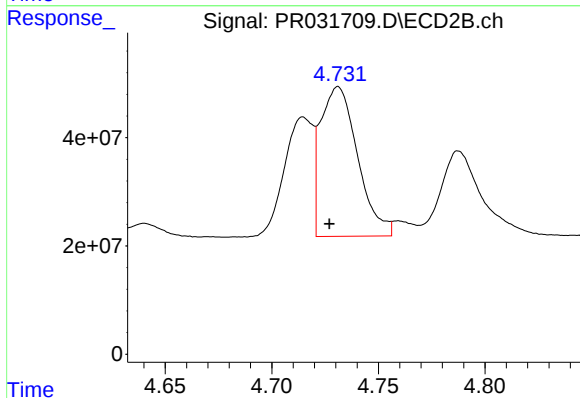
R.T.: 4.715 min
Delta R.T.: 0.004 min
Response: 206925883
Conc: 183.03 ng/ml



#5 AR-1016-3

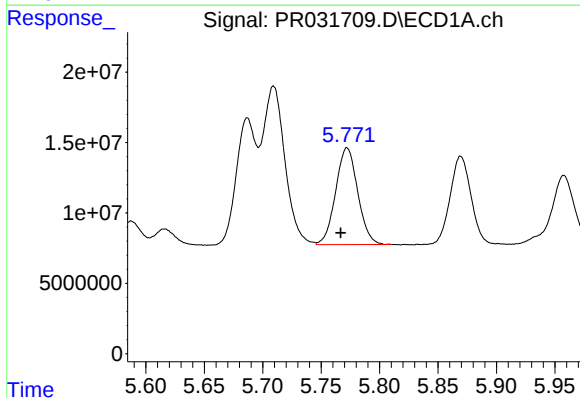
R.T.: 5.687 min
Delta R.T.: 0.005 min
Response: 103167773
Conc: 168.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



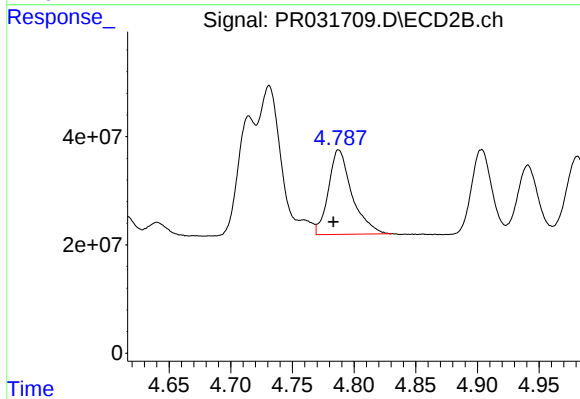
#5 AR-1016-3

R.T.: 4.731 min
Delta R.T.: 0.004 min
Response: 333937803
Conc: 176.45 ng/ml



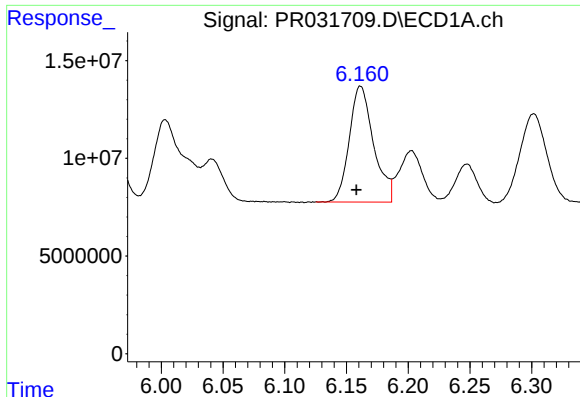
#6 AR-1016-4

R.T.: 5.772 min
Delta R.T.: 0.006 min
Response: 90614023
Conc: 174.65 ng/ml



#6 AR-1016-4

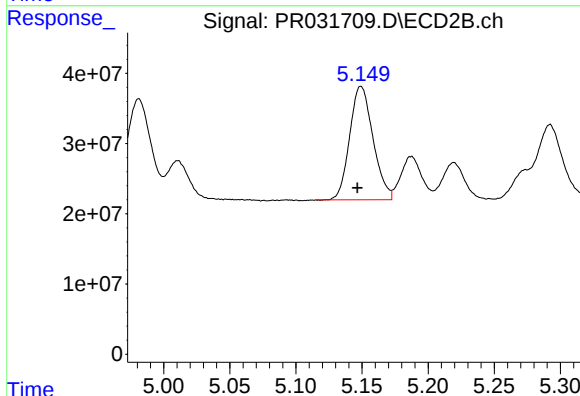
R.T.: 4.787 min
Delta R.T.: 0.004 min
Response: 207635105
Conc: 177.77 ng/ml



#7 AR-1016-5

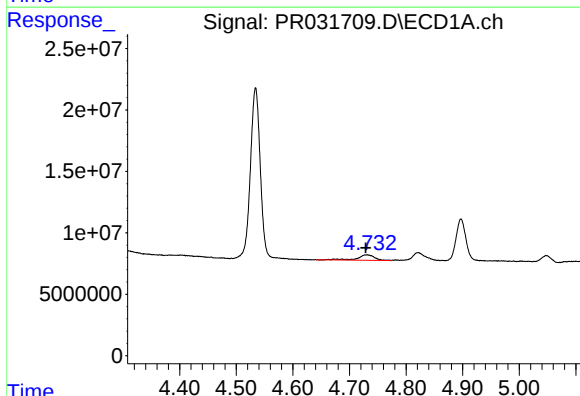
R.T.: 6.161 min
Delta R.T.: 0.003 min
Response: 81239594
Conc: 183.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



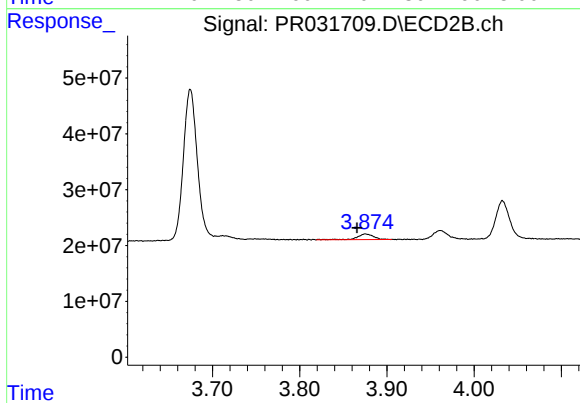
#7 AR-1016-5

R.T.: 5.149 min
Delta R.T.: 0.003 min
Response: 198498968
Conc: 182.78 ng/ml



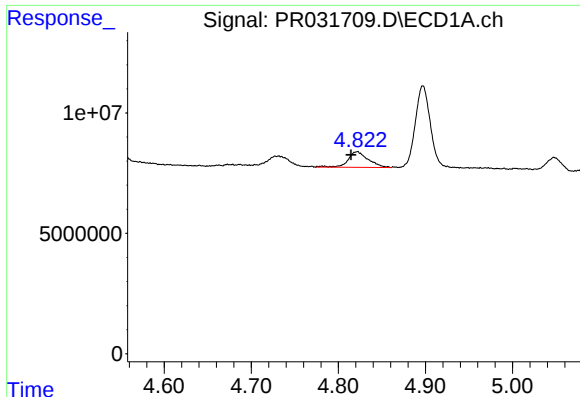
#8 AR-1221-1

R.T.: 4.731 min
Delta R.T.: 0.002 min
Response: 9232896
Conc: 56.62 ng/ml



#8 AR-1221-1

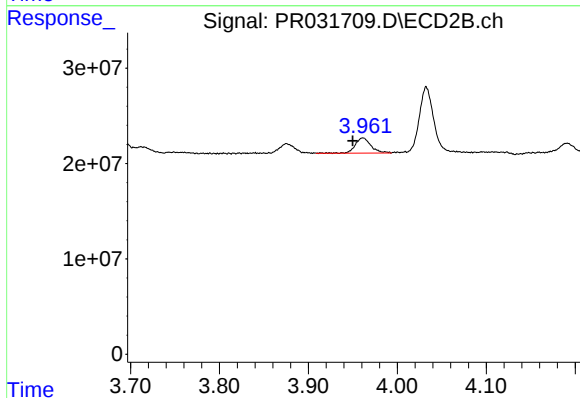
R.T.: 3.875 min
Delta R.T.: 0.010 min
Response: 13682819
Conc: 42.56 ng/ml



#9 AR-1221-2

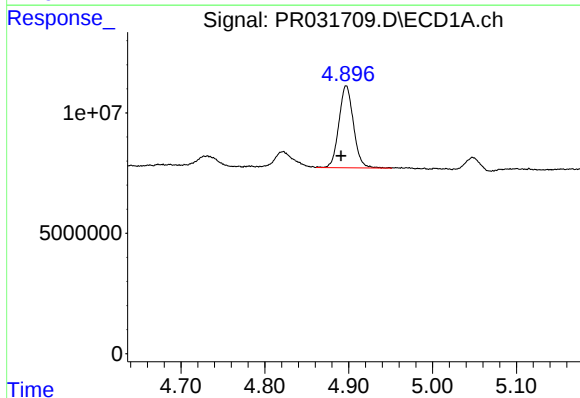
R.T.: 4.822 min
Delta R.T.: 0.007 min
Response: 10525191
Conc: 85.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



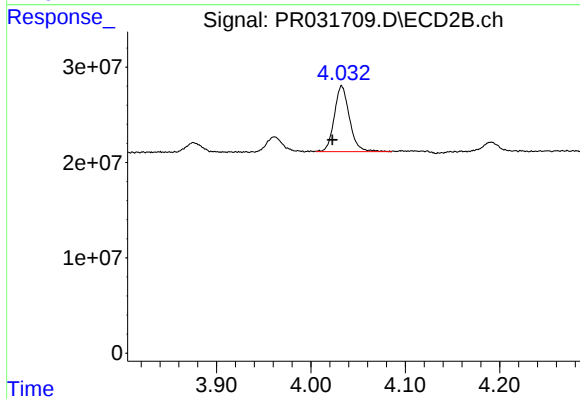
#9 AR-1221-2

R.T.: 3.961 min
Delta R.T.: 0.012 min
Response: 19647750
Conc: 78.09 ng/ml



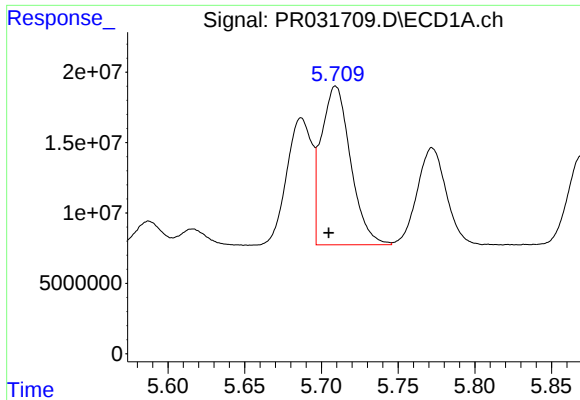
#10 AR-1221-3

R.T.: 4.897 min
Delta R.T.: 0.006 min
Response: 41098295
Conc: 106.74 ng/ml



#10 AR-1221-3

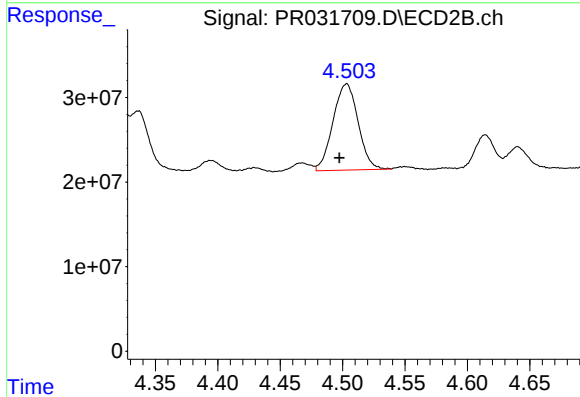
R.T.: 4.032 min
Delta R.T.: 0.010 min
Response: 76950446
Conc: 102.07 ng/ml



#11 AR-1232-1

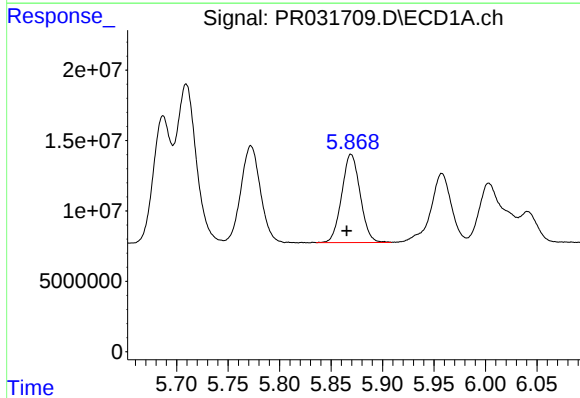
R.T.: 5.709 min
Delta R.T.: 0.005 min
Response: 149753912
Conc: 409.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



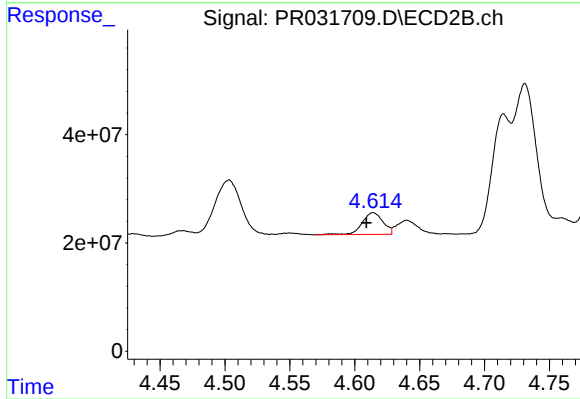
#11 AR-1232-1

R.T.: 4.503 min
Delta R.T.: 0.006 min
Response: 142828898
Conc: 406.64 ng/ml



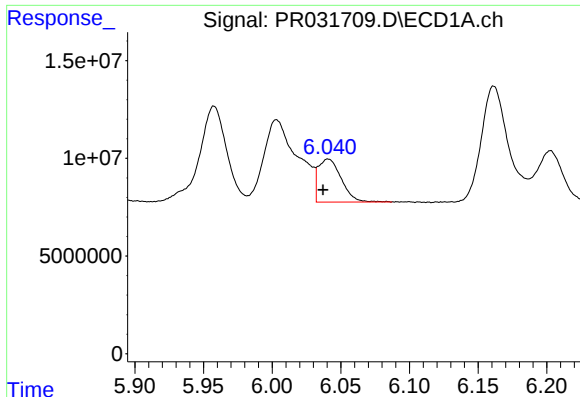
#12 AR-1232-2

R.T.: 5.869 min
Delta R.T.: 0.004 min
Response: 78285224
Conc: 462.81 ng/ml



#12 AR-1232-2

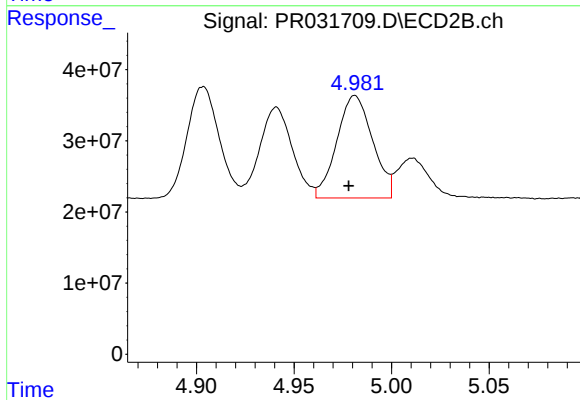
R.T.: 4.614 min
Delta R.T.: 0.005 min
Response: 45435534
Conc: 393.81 ng/ml



#13 AR-1232-3

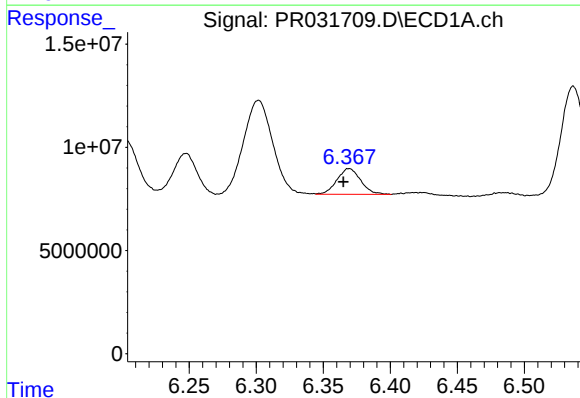
R.T.: 6.041 min
Delta R.T.: 0.004 min
Response: 25759869
Conc: 548.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



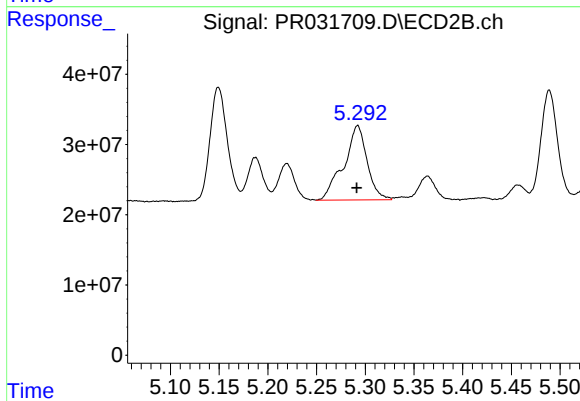
#13 AR-1232-3

R.T.: 4.981 min
Delta R.T.: 0.003 min
Response: 184064869
Conc: 487.60 ng/ml



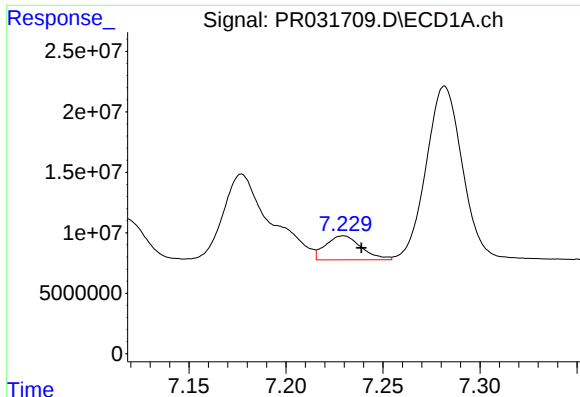
#14 AR-1232-4

R.T.: 6.369 min
Delta R.T.: 0.004 min
Response: 15462761
Conc: 318.95 ng/ml



#14 AR-1232-4

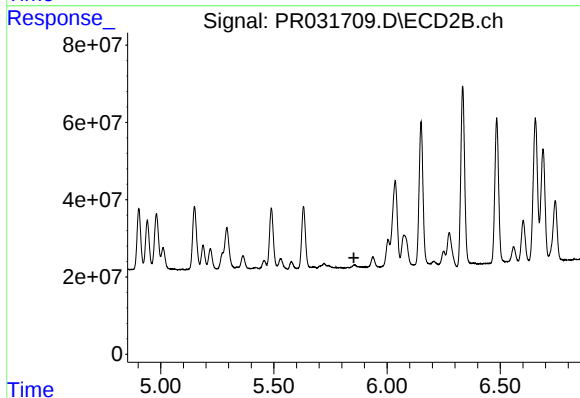
R.T.: 5.292 min
Delta R.T.: 0.001 min
Response: 176782827
Conc: 380.04 ng/ml



#15 AR-1232-5

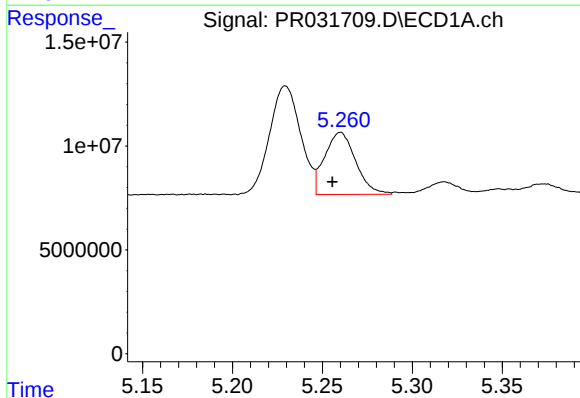
R.T.: 7.230 min
Delta R.T.: -0.009 min
Response: 25589471
Conc: 775.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



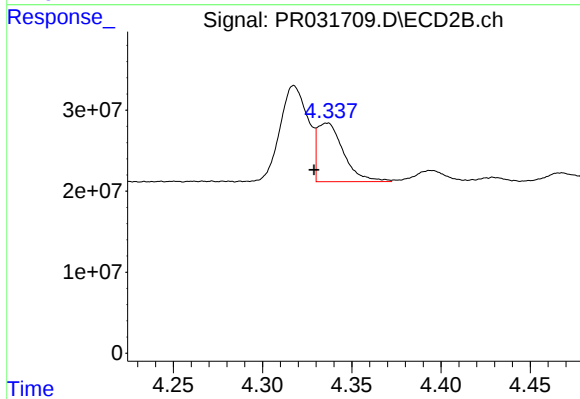
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.853 min
Response: 0
Conc: N.D.



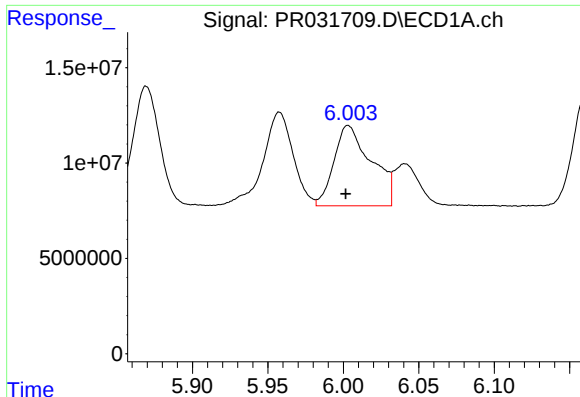
#16 AR-1242-1

R.T.: 5.260 min
Delta R.T.: 0.005 min
Response: 35859858
Conc: 228.30 ng/ml



#16 AR-1242-1

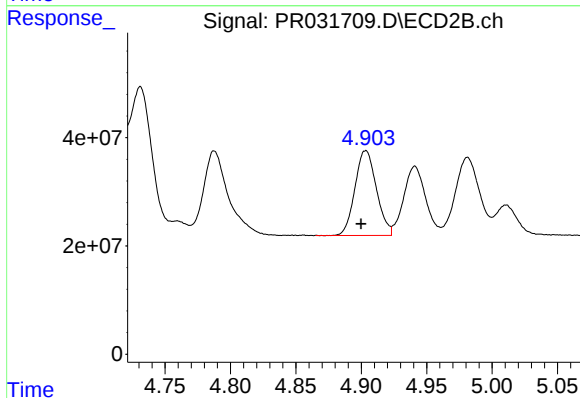
R.T.: 4.337 min
Delta R.T.: 0.008 min
Response: 74678250
Conc: 223.72 ng/ml



#17 AR-1242-2

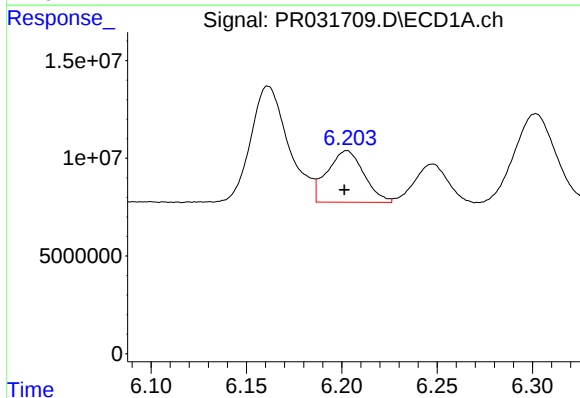
R.T.: 6.003 min
Delta R.T.: 0.001 min
Response: 72537851
Conc: 244.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



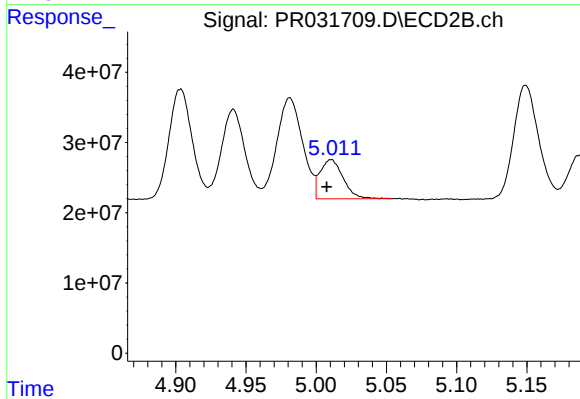
#17 AR-1242-2

R.T.: 4.904 min
Delta R.T.: 0.004 min
Response: 179687578
Conc: 242.24 ng/ml



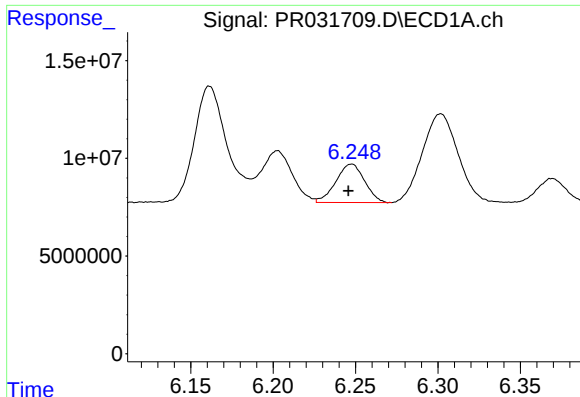
#18 AR-1242-3

R.T.: 6.203 min
Delta R.T.: 0.001 min
Response: 35199077
Conc: 225.93 ng/ml



#18 AR-1242-3

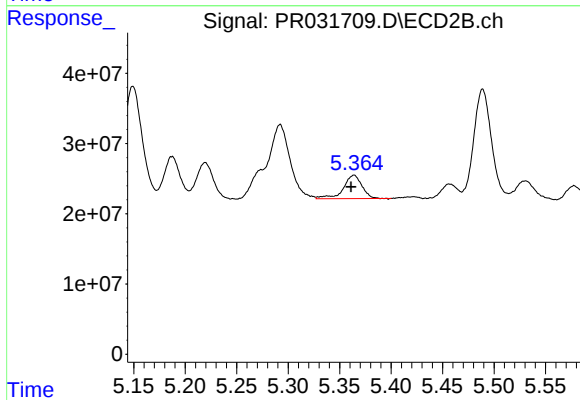
R.T.: 5.011 min
Delta R.T.: 0.003 min
Response: 64146034
Conc: 249.42 ng/ml



#19 AR-1242-4

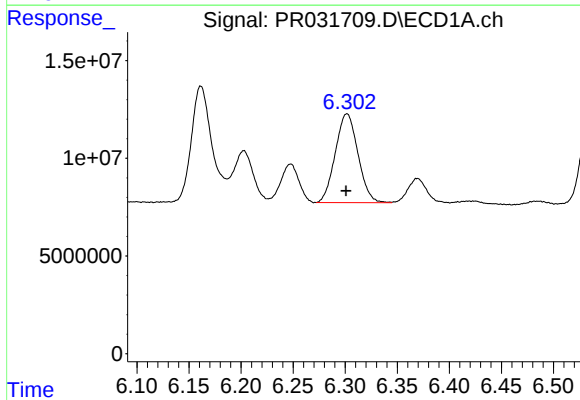
R.T.: 6.248 min
Delta R.T.: 0.002 min
Response: 23787175
Conc: 200.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



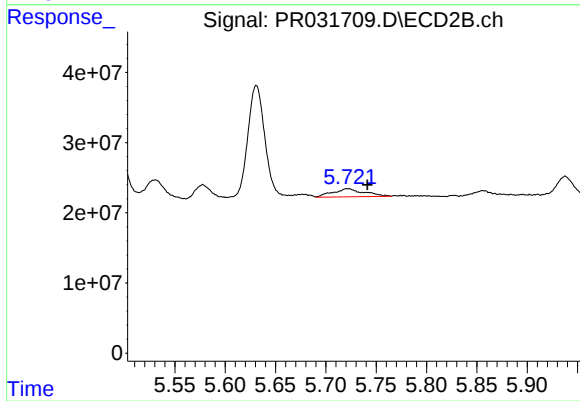
#19 AR-1242-4

R.T.: 5.364 min
Delta R.T.: 0.003 min
Response: 41946251
Conc: 168.13 ng/ml



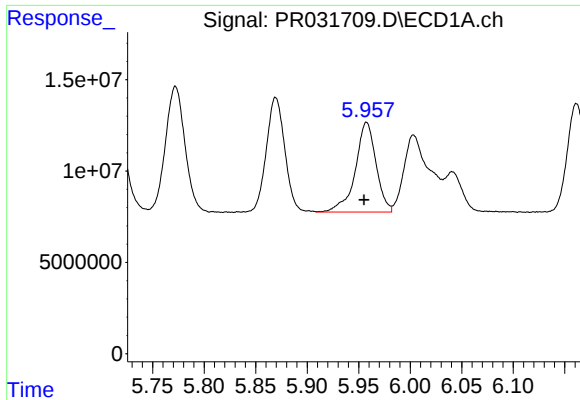
#20 AR-1242-5

R.T.: 6.302 min
Delta R.T.: 0.000 min
Response: 68916620
Conc: 180.24 ng/ml



#20 AR-1242-5

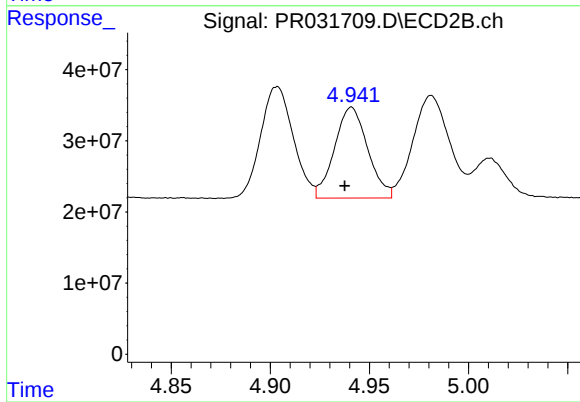
R.T.: 5.722 min
Delta R.T.: -0.019 min
Response: 25033828
Conc: 43.15 ng/ml



#21 AR-1248-1

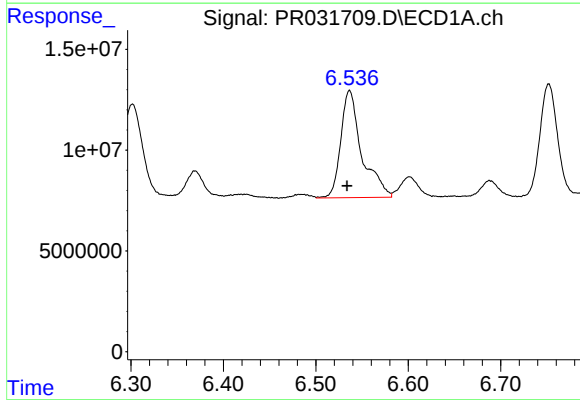
R.T.: 5.958 min
Delta R.T.: 0.002 min
Response: 68669225
Conc: 135.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



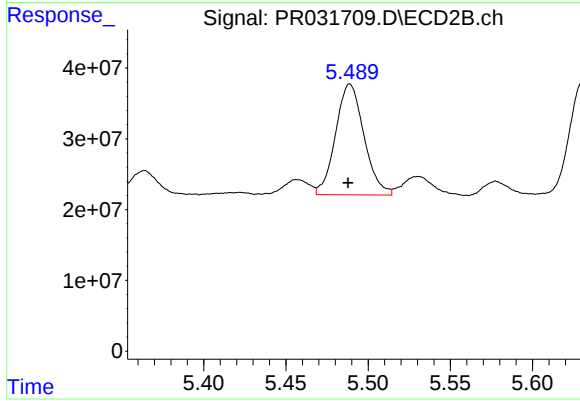
#21 AR-1248-1

R.T.: 4.941 min
Delta R.T.: 0.004 min
Response: 149109942
Conc: 134.74 ng/ml



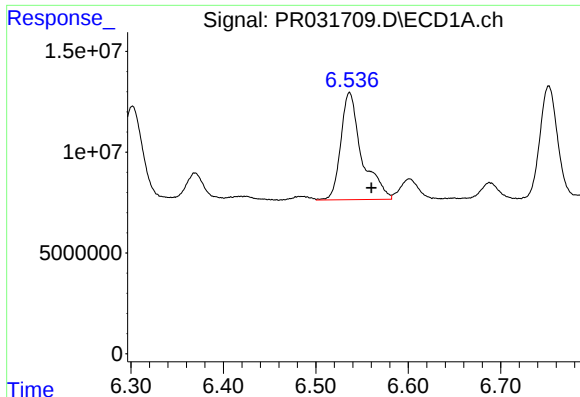
#22 AR-1248-2

R.T.: 6.537 min
Delta R.T.: 0.003 min
Response: 83890044
Conc: 156.38 ng/ml



#22 AR-1248-2

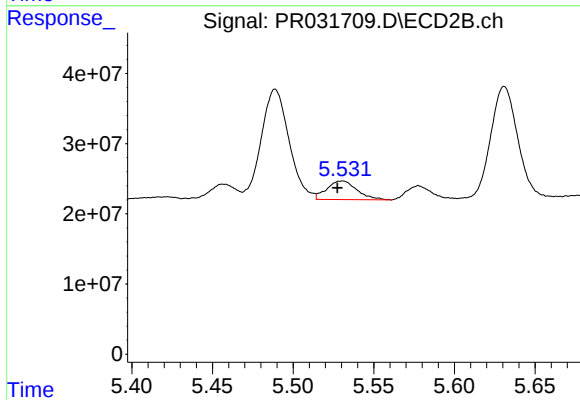
R.T.: 5.489 min
Delta R.T.: 0.001 min
Response: 188318440
Conc: 82.75 ng/ml



#23 AR-1248-3

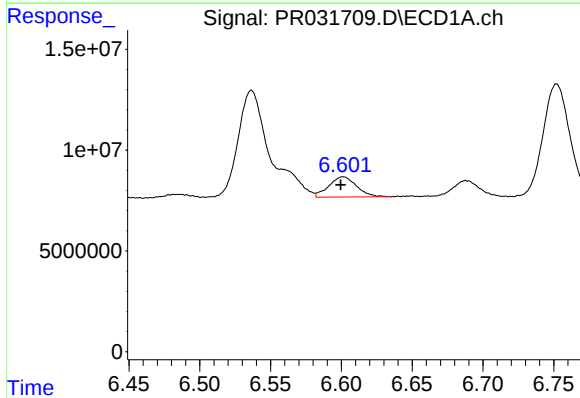
R.T.: 6.537 min
Delta R.T.: -0.024 min
Response: 83890044
Conc: 115.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



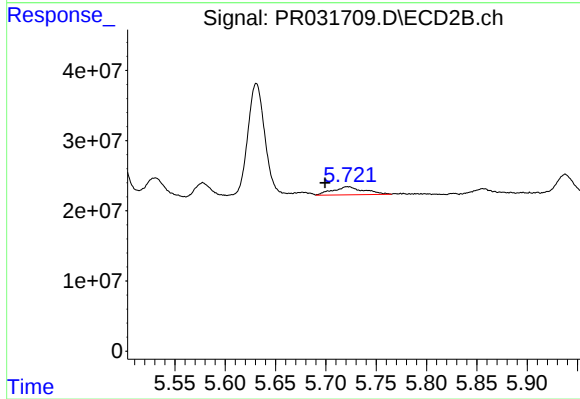
#23 AR-1248-3

R.T.: 5.530 min
Delta R.T.: 0.003 min
Response: 34679011
Conc: 21.76 ng/ml



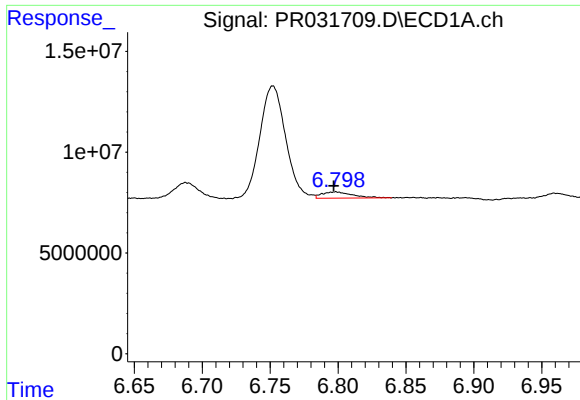
#24 AR-1248-4

R.T.: 6.601 min
Delta R.T.: 0.002 min
Response: 13674467
Conc: 19.82 ng/ml



#24 AR-1248-4

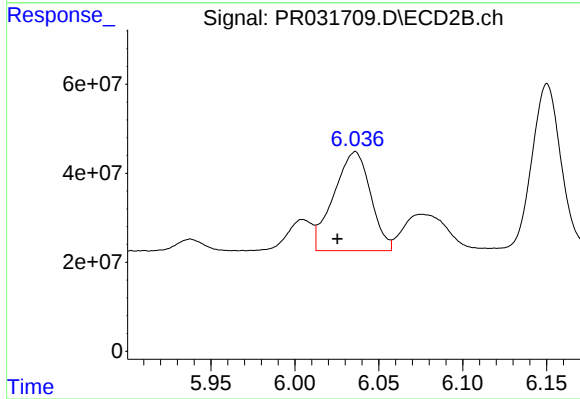
R.T.: 5.722 min
Delta R.T.: 0.022 min
Response: 25033828
Conc: 17.36 ng/ml



#25 AR-1248-5

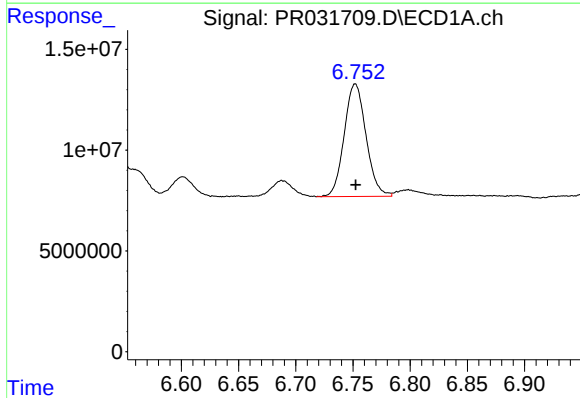
R.T.: 6.798 min
Delta R.T.: 0.002 min
Response: 4889102
Conc: 10.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



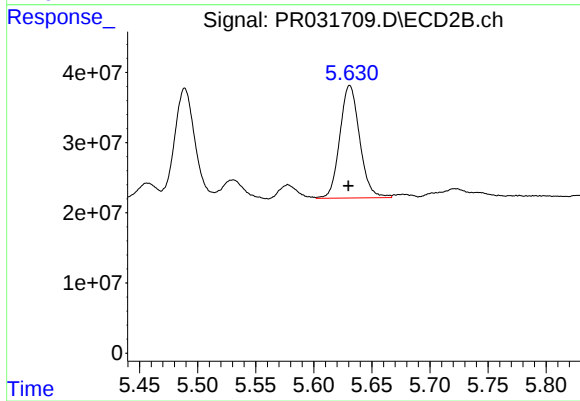
#25 AR-1248-5

R.T.: 6.036 min
Delta R.T.: 0.011 min
Response: 340072746
Conc: 326.79 ng/ml



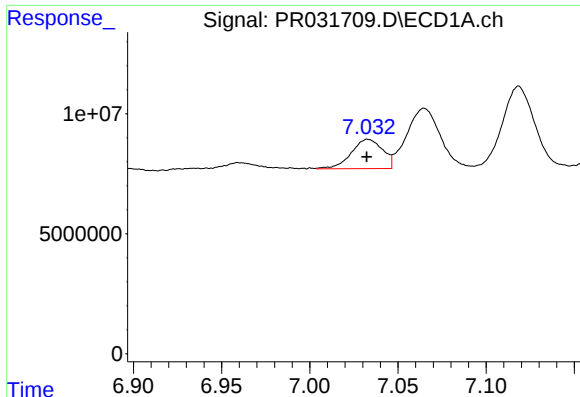
#26 AR-1254-1

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 74063112
Conc: 55.93 ng/ml



#26 AR-1254-1

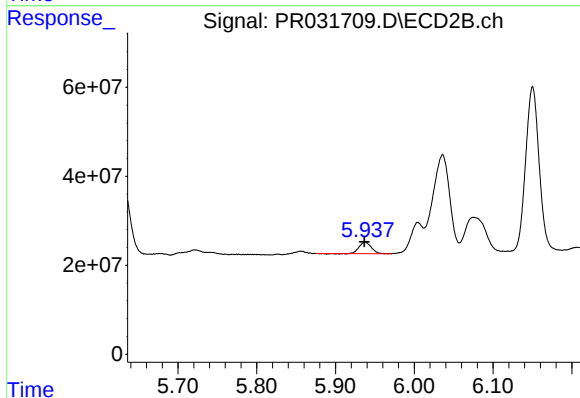
R.T.: 5.631 min
Delta R.T.: 0.001 min
Response: 190516185
Conc: 74.75 ng/ml



#27 AR-1254-2

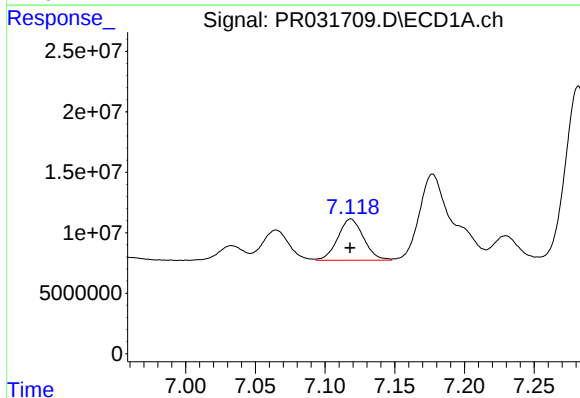
R.T.: 7.033 min
Delta R.T.: 0.000 min
Response: 15183097
Conc: 18.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



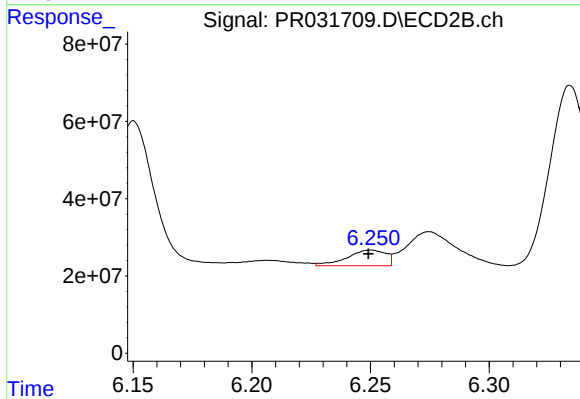
#27 AR-1254-2

R.T.: 5.938 min
Delta R.T.: 0.001 min
Response: 27283432
Conc: 14.96 ng/ml



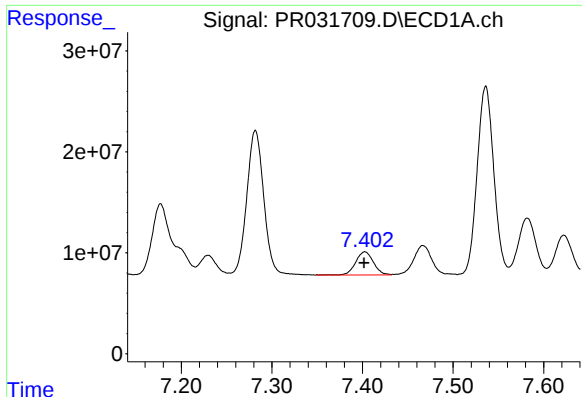
#28 AR-1254-3

R.T.: 7.118 min
Delta R.T.: 0.000 min
Response: 43736945
Conc: 29.49 ng/ml



#28 AR-1254-3

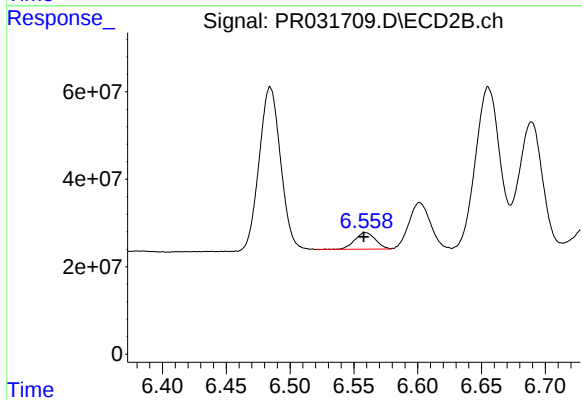
R.T.: 6.250 min
Delta R.T.: 0.001 min
Response: 46155899
Conc: 14.08 ng/ml



#29 AR-1254-4

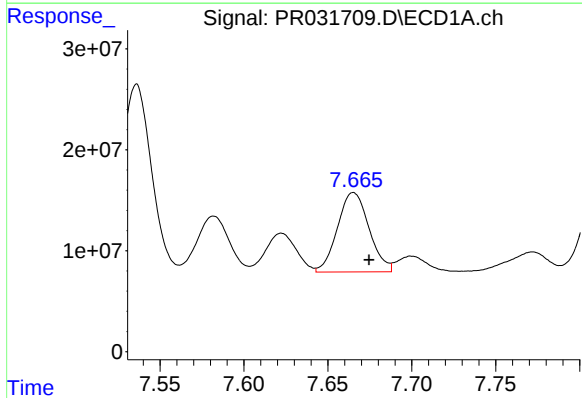
R.T.: 7.403 min
Delta R.T.: 0.000 min
Response: 31332457
Conc: 26.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



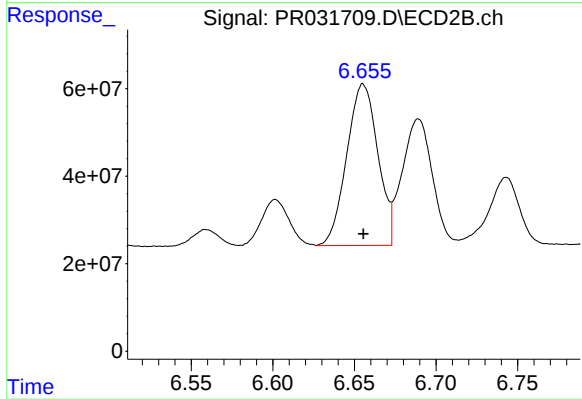
#29 AR-1254-4

R.T.: 6.559 min
Delta R.T.: 0.001 min
Response: 43376095
Conc: 29.14 ng/ml



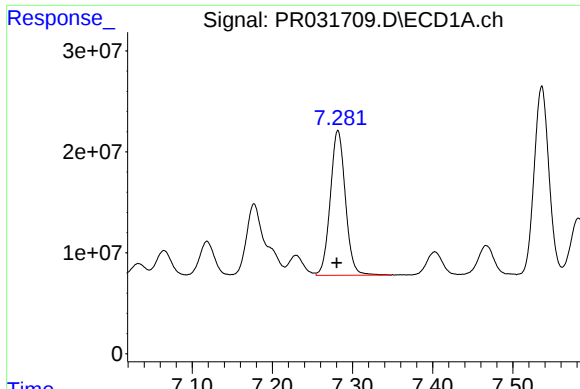
#30 AR-1254-5

R.T.: 7.665 min
Delta R.T.: -0.009 min
Response: 103017712
Conc: 118.88 ng/ml



#30 AR-1254-5

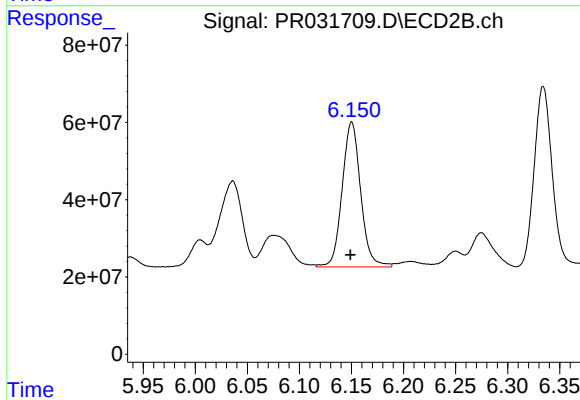
R.T.: 6.655 min
Delta R.T.: 0.000 min
Response: 489994610
Conc: 232.61 ng/ml



#31 AR-1260-1

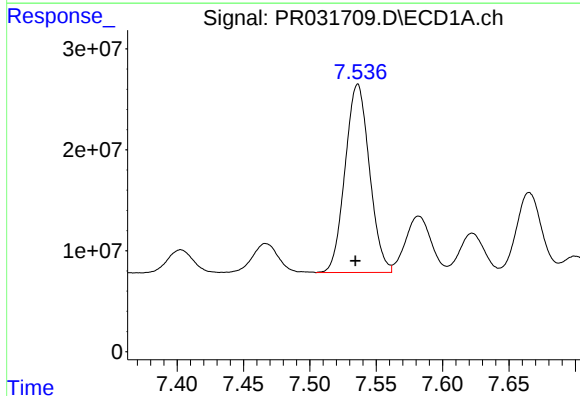
R.T.: 7.282 min
Delta R.T.: 0.002 min
Response: 187837580
Conc: 187.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



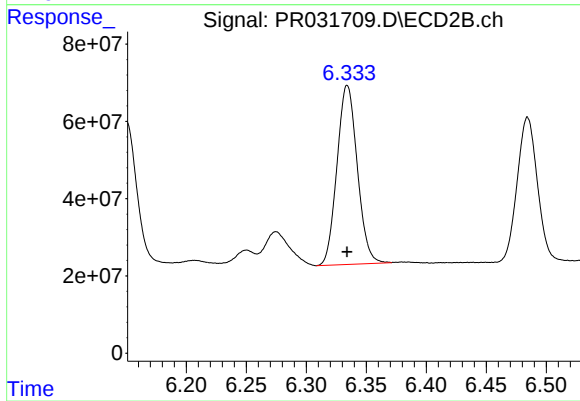
#31 AR-1260-1

R.T.: 6.150 min
Delta R.T.: 0.001 min
Response: 463928892
Conc: 204.33 ng/ml



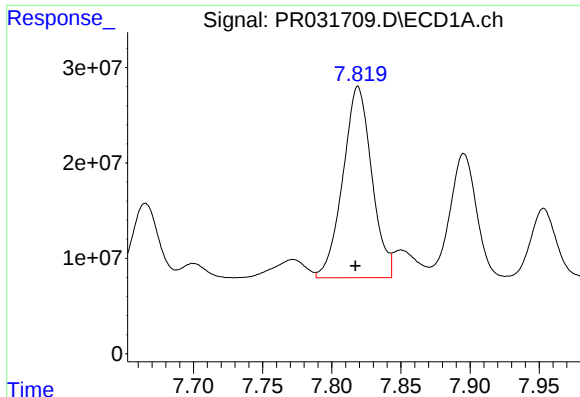
#32 AR-1260-2

R.T.: 7.536 min
Delta R.T.: 0.002 min
Response: 238210068
Conc: 179.90 ng/ml



#32 AR-1260-2

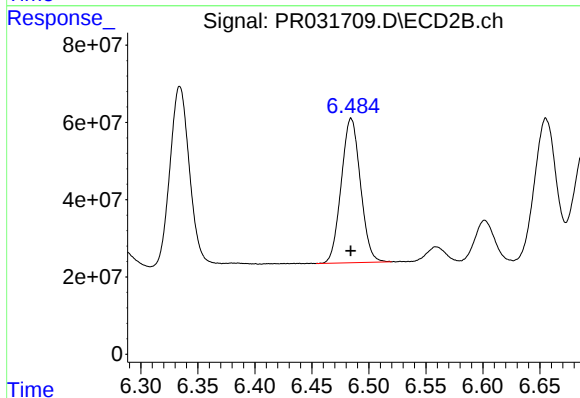
R.T.: 6.334 min
Delta R.T.: 0.000 min
Response: 546450803
Conc: 196.08 ng/ml



#33 AR-1260-3

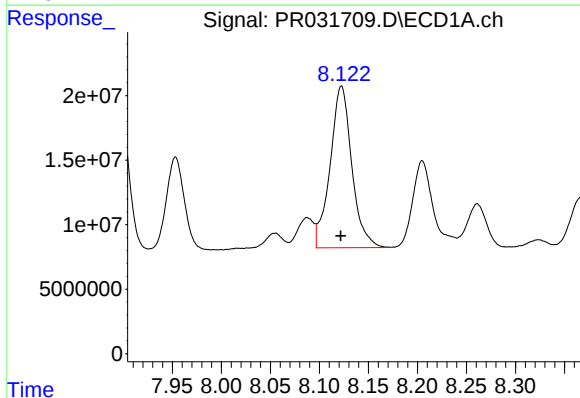
R.T.: 7.819 min
Delta R.T.: 0.002 min
Response: 291492426
Conc: 188.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



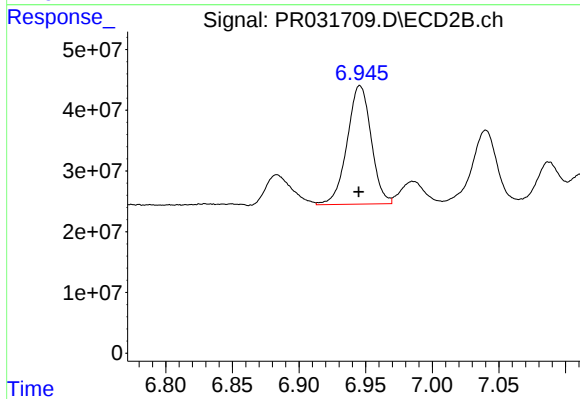
#33 AR-1260-3

R.T.: 6.484 min
Delta R.T.: 0.000 min
Response: 437547710
Conc: 194.94 ng/ml



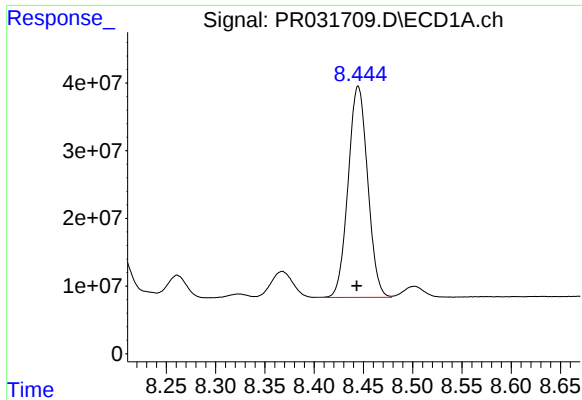
#34 AR-1260-4

R.T.: 8.123 min
Delta R.T.: 0.000 min
Response: 193077667
Conc: 172.00 ng/ml



#34 AR-1260-4

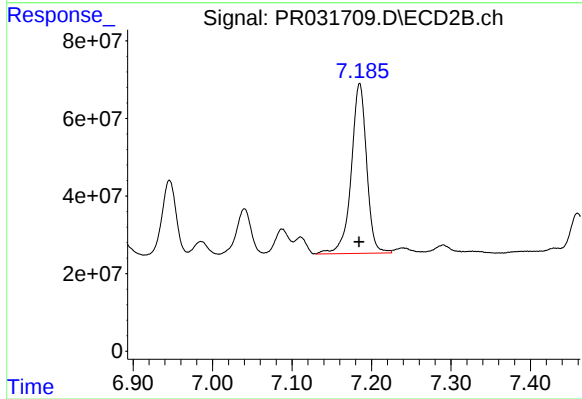
R.T.: 6.946 min
Delta R.T.: 0.000 min
Response: 244930745
Conc: 177.34 ng/ml



#35 AR-1260-5

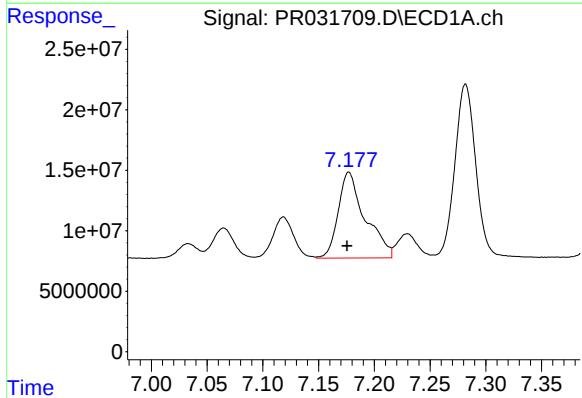
R.T.: 8.445 min
Delta R.T.: 0.002 min
Response: 431480899
Conc: 166.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



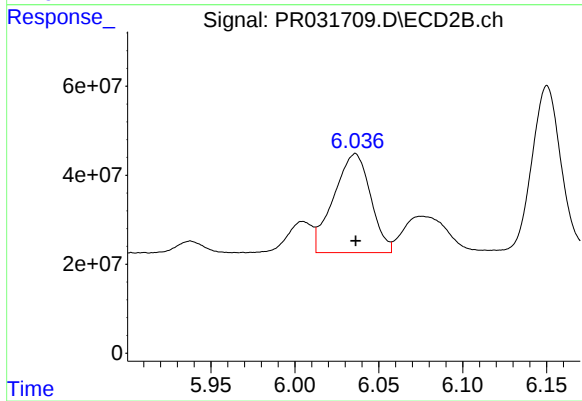
#35 AR-1260-5

R.T.: 7.185 min
Delta R.T.: 0.000 min
Response: 588347499
Conc: 199.92 ng/ml



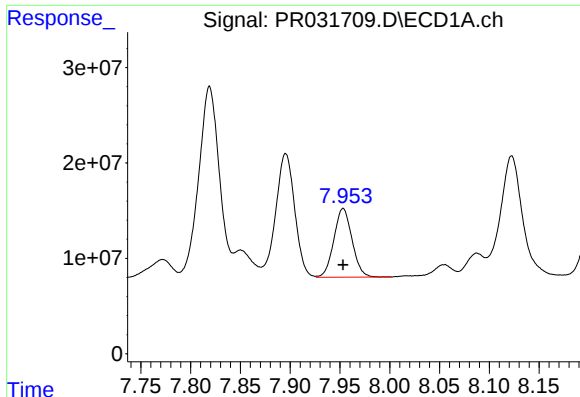
#36 AR-1262-1

R.T.: 7.177 min
Delta R.T.: 0.001 min
Response: 119184564
Conc: 201.39 ng/ml



#36 AR-1262-1

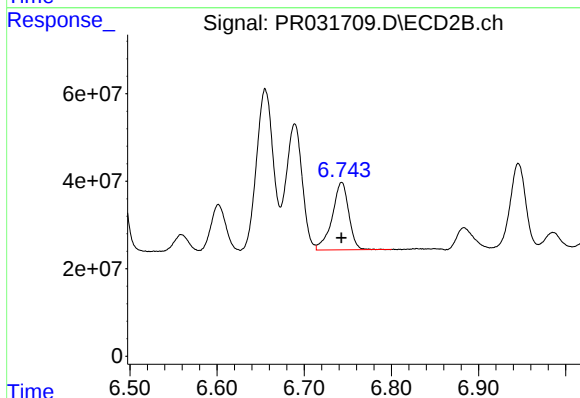
R.T.: 6.036 min
Delta R.T.: 0.000 min
Response: 340072746
Conc: 239.55 ng/ml



#37 AR-1262-2

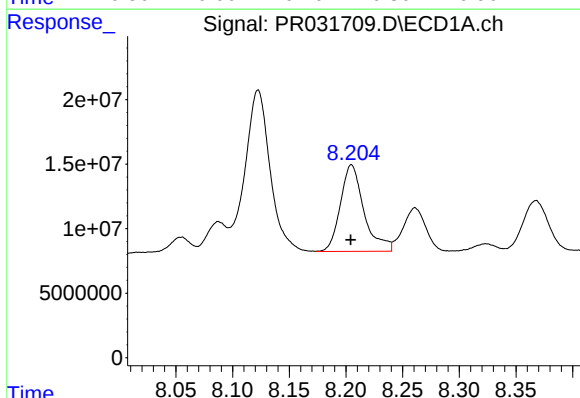
R.T.: 7.953 min
Delta R.T.: 0.000 min
Response: 91807176
Conc: 156.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



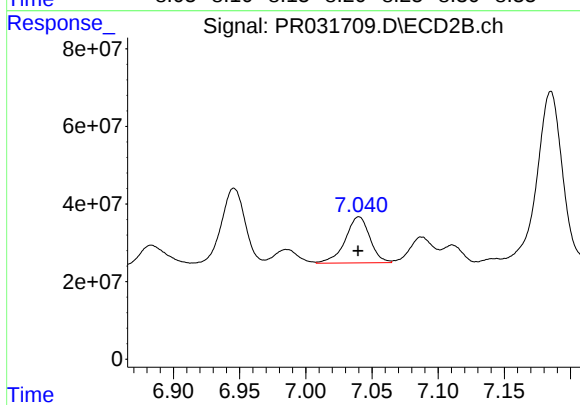
#37 AR-1262-2

R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 204727349
Conc: 190.82 ng/ml



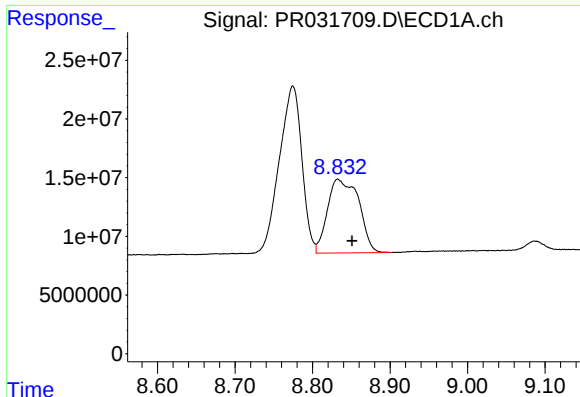
#38 AR-1262-3

R.T.: 8.205 min
Delta R.T.: 0.000 min
Response: 97174550
Conc: 187.58 ng/ml



#38 AR-1262-3

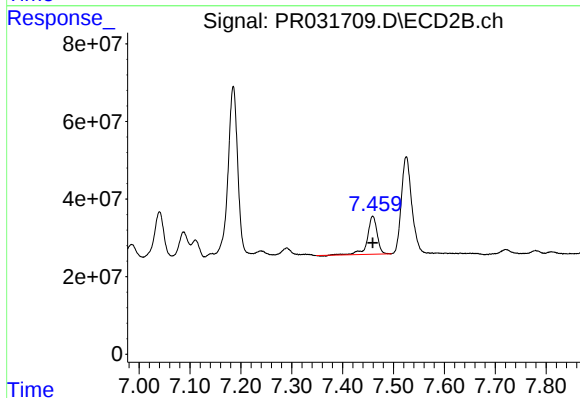
R.T.: 7.040 min
Delta R.T.: 0.000 min
Response: 153908975
Conc: 184.23 ng/ml



#39 AR-1262-4

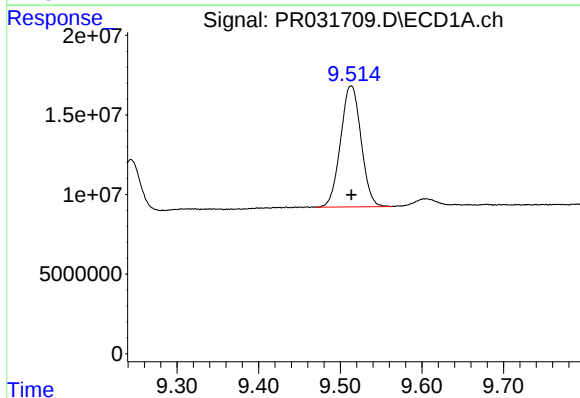
R.T.: 8.832 min
Delta R.T.: -0.019 min
Response: 176333044
Conc: 115.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



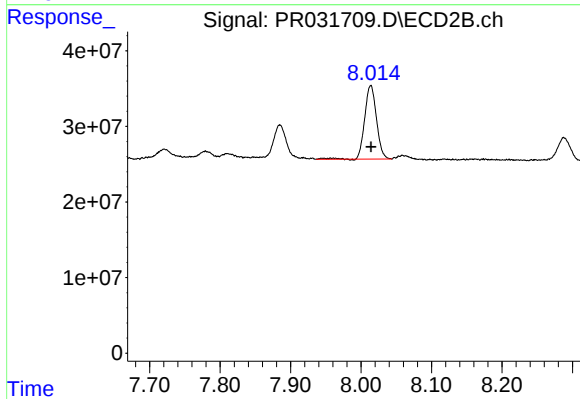
#39 AR-1262-4

R.T.: 7.459 min
Delta R.T.: 0.000 min
Response: 130800629
Conc: 112.59 ng/ml



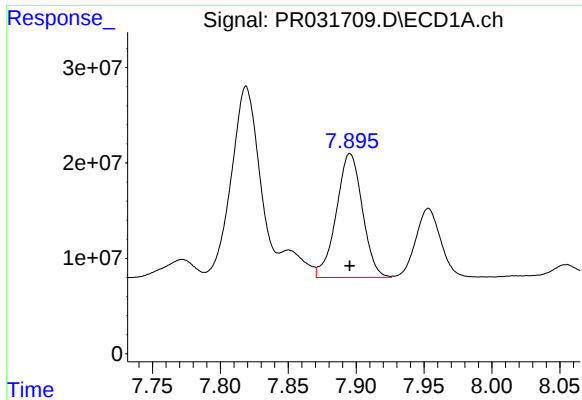
#40 AR-1262-5

R.T.: 9.513 min
Delta R.T.: 0.000 min
Response: 132758034
Conc: 118.16 ng/ml



#40 AR-1262-5

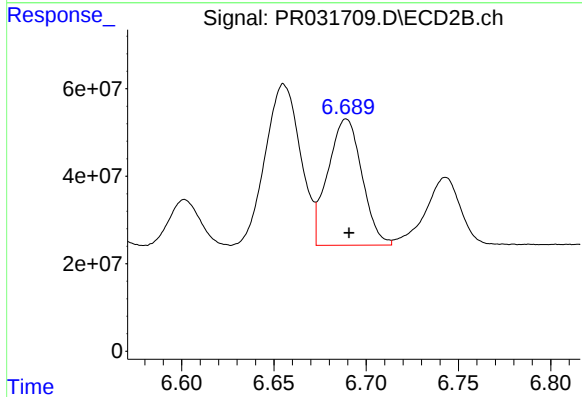
R.T.: 8.014 min
Delta R.T.: 0.000 min
Response: 114499484
Conc: 134.00 ng/ml



#41 AR-1268-1

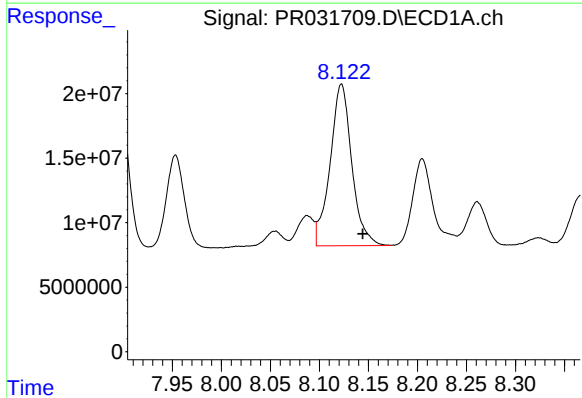
R.T.: 7.896 min
Delta R.T.: 0.000 min
Response: 173301421
Conc: 299.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



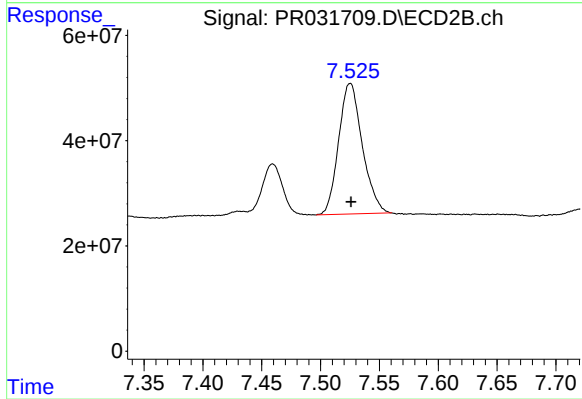
#41 AR-1268-1

R.T.: 6.689 min
Delta R.T.: -0.001 min
Response: 371630279
Conc: 358.40 ng/ml



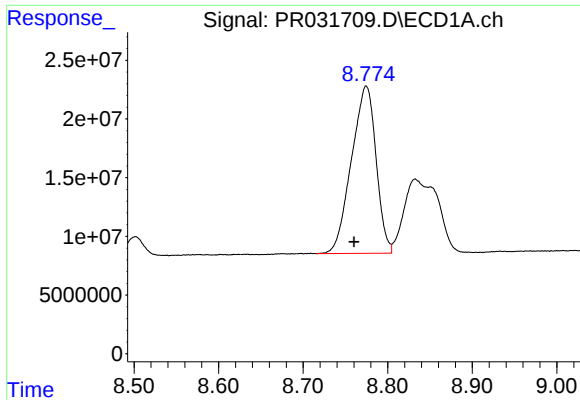
#42 AR-1268-2

R.T.: 8.123 min
Delta R.T.: -0.022 min
Response: 193077667
Conc: 238.80 ng/ml



#42 AR-1268-2

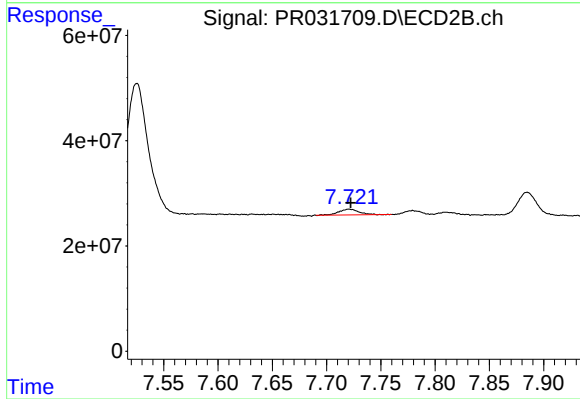
R.T.: 7.525 min
Delta R.T.: 0.000 min
Response: 347613280
Conc: 135.93 ng/ml



#43 AR-1268-3

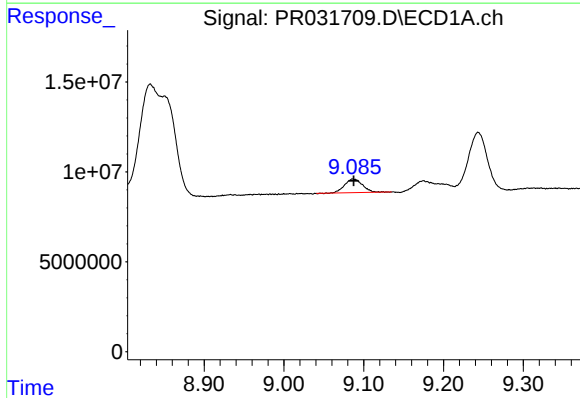
R.T.: 8.775 min
Delta R.T.: 0.014 min
Response: 288419429
Conc: 78.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



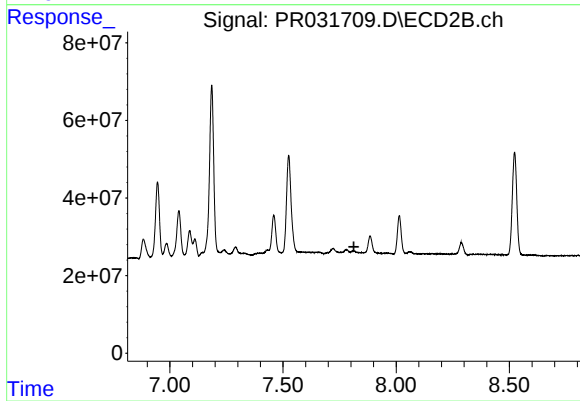
#43 AR-1268-3

R.T.: 7.721 min
Delta R.T.: -0.002 min
Response: 13995798
Conc: 6.46 ng/ml



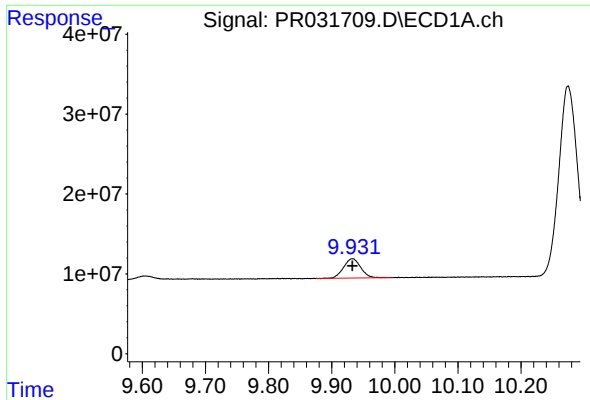
#44 AR-1268-4

R.T.: 9.086 min
Delta R.T.: -0.001 min
Response: 11738150
Conc: 3.97 ng/ml



#44 AR-1268-4

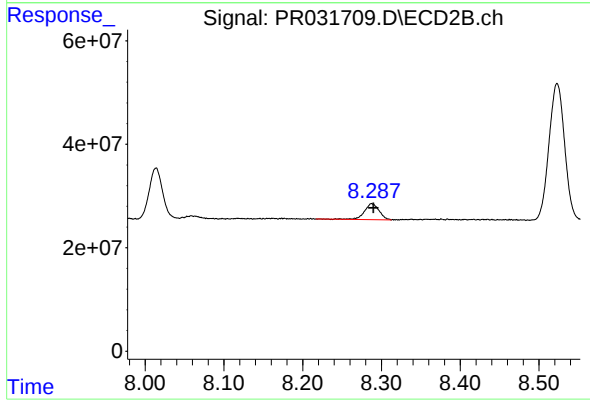
R.T.: 0.000 min
Exp R.T. : 7.813 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.933 min
Delta R.T.: 0.000 min
Response: 45571195
Conc: 5.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.288 min
Delta R.T.: -0.002 min
Response: 40148813
Conc: 6.65 ng/ml