

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091018\
 Data File : PR031918.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Sep 2018 13:37
 Operator : SM\SJ
 Sample : IDOC 3 SOIL
 Misc : SOIL FOR RM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 02:05:09 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR090618.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 07 03:46:12 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...	4.523	3.656	387.8E6	680.8E6	19.781	18.466
2)	SA Decachlor...	10.269	8.516	660.0E6	526.9E6	20.518	20.126
Target Compounds							
3)	L1 AR-1016-1	5.223	4.306	126.1E6	240.7E6	234.454	219.881
4)	L1 AR-1016-2	5.416	4.706	129.3E6	382.6E6	228.530	224.347
5)	L1 AR-1016-3	5.681	4.723	202.8E6	699.5E6	229.760	241.228
6)	L1 AR-1016-4	5.766	4.779	176.4E6	397.0E6	225.268	213.698
7)	L1 AR-1016-5	6.157	5.142	155.6E6	377.0E6	232.289	218.437
8)	L2 AR-1221-1	4.720	3.860	14631921	19517379	62.762	47.826
9)	L2 AR-1221-2	4.814	3.946	19448432	33087709	109.477	106.020
10)	L2 AR-1221-3	4.889	4.018	79621058	144.0E6	143.491	139.558
11)	L3 AR-1232-1	5.704	4.493	301.1E6	290.8E6	573.799	521.259
12)	L3 AR-1232-2	5.864	4.605	153.6E6	84408064	569.904	447.119
13)	L3 AR-1232-3	6.036	4.974	55342679	340.9E6	704.673	587.055
14)	L3 AR-1232-4	6.365	5.285	55124999	339.7E6	671.208	465.414 #
15)	L3 AR-1232-5	7.225	5.850	57367825	110.8E6	1054.557	999.511
16)	L4 AR-1242-1	5.253	4.324	71014325	161.1E6	266.843	274.928
17)	L4 AR-1242-2	5.999	4.895	138.5E6	334.6E6	282.189	275.298
18)	L4 AR-1242-3	6.198	5.003	70250706	118.4E6	284.535	273.949
19)	L4 AR-1242-4	6.243	5.357	54369522	91557219	303.209	221.784 #
20)	L4 AR-1242-5	6.298	5.717	153.6E6	60167090	243.757	64.262 #
21)	L5 AR-1248-1	5.953	4.933	132.6E6	277.2E6	165.008	157.956
22)	L5 AR-1248-2	6.532	5.482	185.6E6	342.0E6	219.181	93.352 #
23)	L5 AR-1248-3	6.532	5.524	185.6E6	61896471	162.596	23.659 #
24)	L5 AR-1248-4	6.596	5.717	29955077	60167090	27.801	22.530
25)	L5 AR-1248-5	6.794	6.031	6618764	616.2E6	9.138	365.412 #
26)	L6 AR-1254-1	6.748	5.625	135.0E6	340.1E6	69.526	89.440 #
27)	L6 AR-1254-2	7.029	5.932	33945824	60579480	27.844	20.515 #
28)	L6 AR-1254-3	7.115	6.245	99308636	80810298	45.324	18.063 #
29)	L6 AR-1254-4	7.398	6.553	76970008	76346865	44.177	35.933
30)	L6 AR-1254-5	7.662	6.650	181.7E6	863.2E6	139.862	226.722 #
31)	L7 AR-1260-1	7.278	6.144	358.6E6	837.6E6	230.090	227.034
32)	L7 AR-1260-2	7.532	6.329	416.5E6	1010.5E6	209.179	225.511
33)	L7 AR-1260-3	7.815	6.479	501.1E6	799.9E6	215.213	227.127
34)	L7 AR-1260-4	8.118	6.939	331.4E6	462.2E6	198.709	224.805
35)	L7 AR-1260-5	8.440	7.180	710.4E6	961.3E6	189.385	220.197
36)	L8 AR-1262-1	7.173	6.031	232.0E6	616.2E6	274.060	307.986
37)	L8 AR-1262-2	7.949	6.738	159.3E6	335.1E6	187.098	222.795
38)	L8 AR-1262-3	8.201	7.034	163.0E6	253.9E6	216.425	207.942
39)	L8 AR-1262-4	8.829	7.454	268.9E6	194.2E6	126.501	115.954
40)	L8 AR-1262-5	9.507	8.008	187.8E6	170.9E6	122.929	134.998
41)	L9 AR-1268-1	7.892	6.684	297.0E6	662.4E6	325.594	405.869

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 ALS Vial : 10 Sample Multiplier: 1

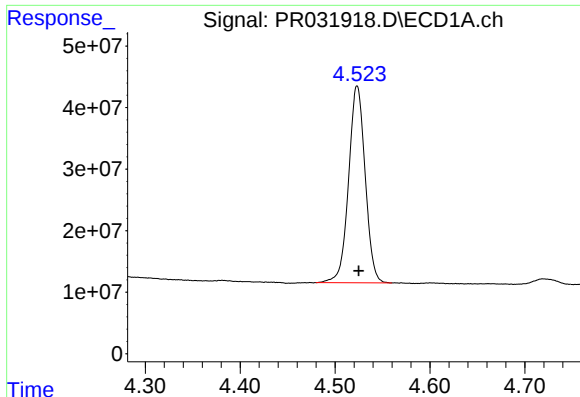
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 02:05:09 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR090618.M
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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	8.118	7.519	331.4E6	559.3E6	263.603	139.211 #
43) L9	AR-1268-3	8.770	7.715	439.5E6	18378601	79.190	5.334 #
45) L9	AR-1268-5	9.927	8.282	64826272	57254367	5.326	6.001

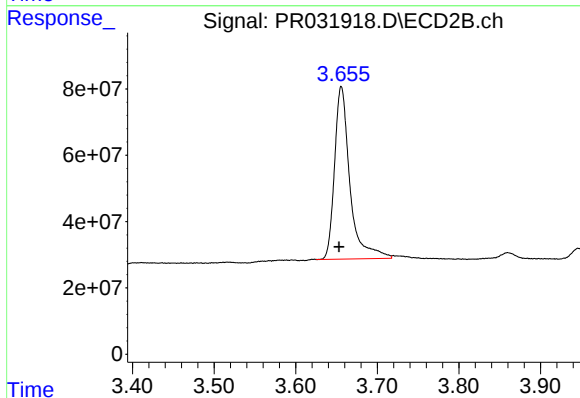
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

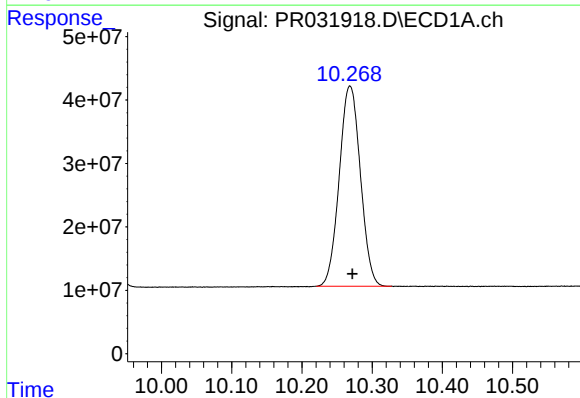
R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 387800974
Conc: 19.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



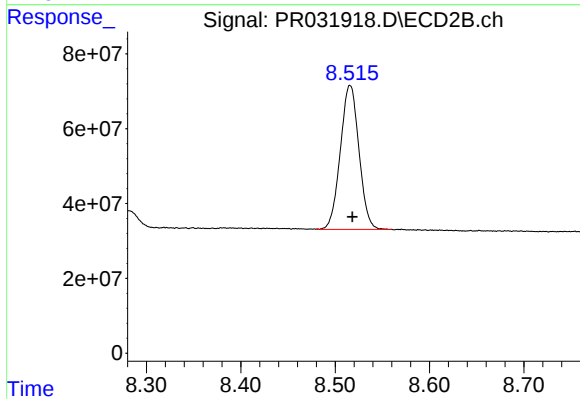
#1 Tetrachloro-m-xylene

R.T.: 3.656 min
Delta R.T.: 0.003 min
Response: 680815235
Conc: 18.47 ng/ml



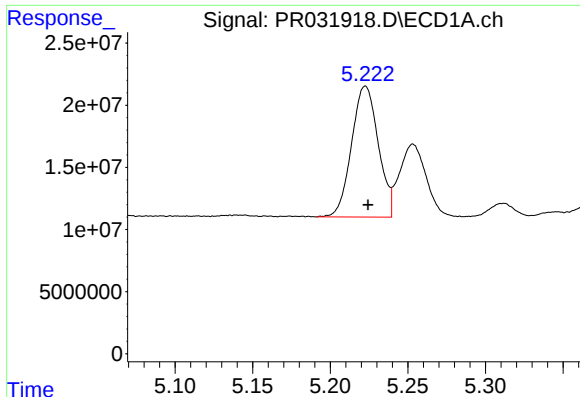
#2 Decachlorobiphenyl

R.T.: 10.269 min
Delta R.T.: -0.003 min
Response: 659974257
Conc: 20.52 ng/ml



#2 Decachlorobiphenyl

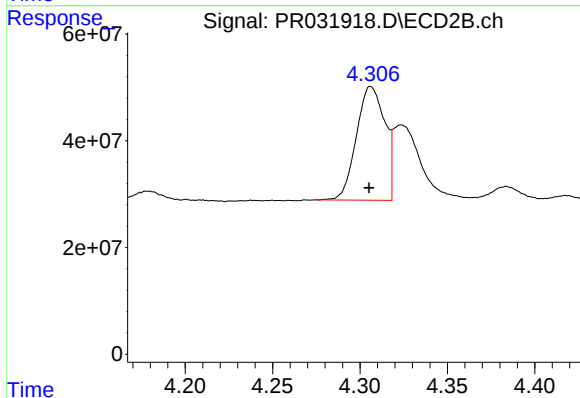
R.T.: 8.516 min
Delta R.T.: -0.002 min
Response: 526900902
Conc: 20.13 ng/ml



#3 AR-1016-1

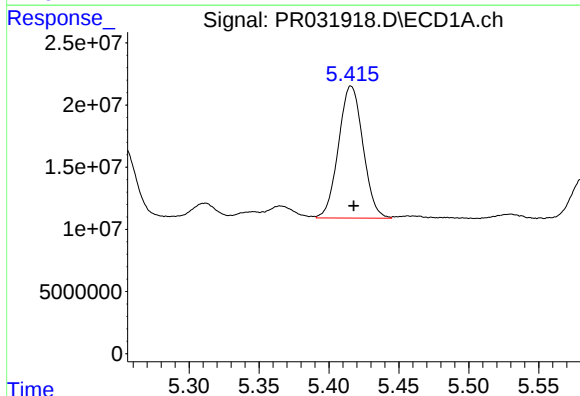
R.T.: 5.223 min
Delta R.T.: -0.002 min
Response: 126096263
Conc: 234.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



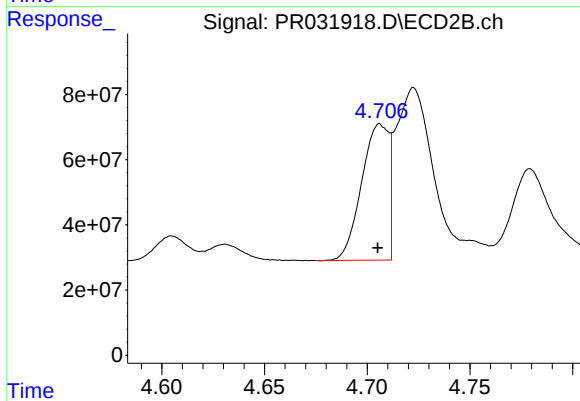
#3 AR-1016-1

R.T.: 4.306 min
Delta R.T.: 0.000 min
Response: 240663297
Conc: 219.88 ng/ml



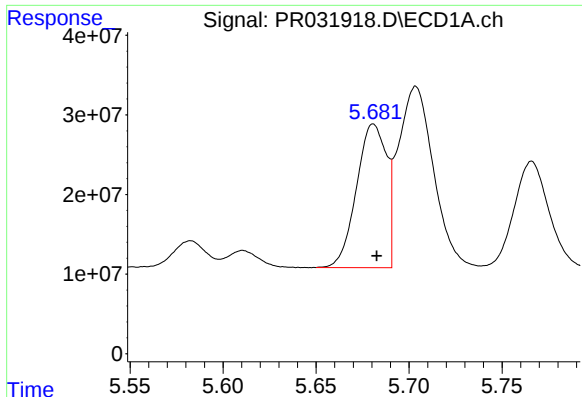
#4 AR-1016-2

R.T.: 5.416 min
Delta R.T.: -0.002 min
Response: 129259579
Conc: 228.53 ng/ml



#4 AR-1016-2

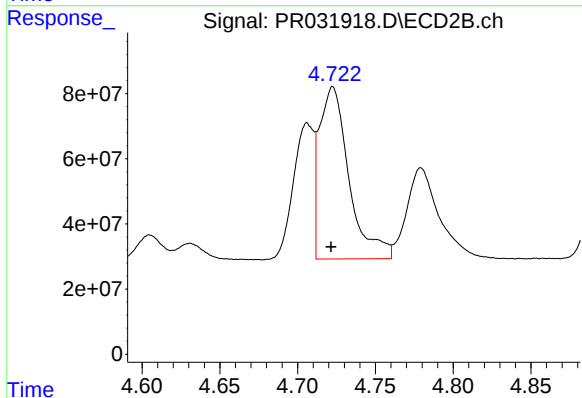
R.T.: 4.706 min
Delta R.T.: 0.000 min
Response: 382563834
Conc: 224.35 ng/ml



#5 AR-1016-3

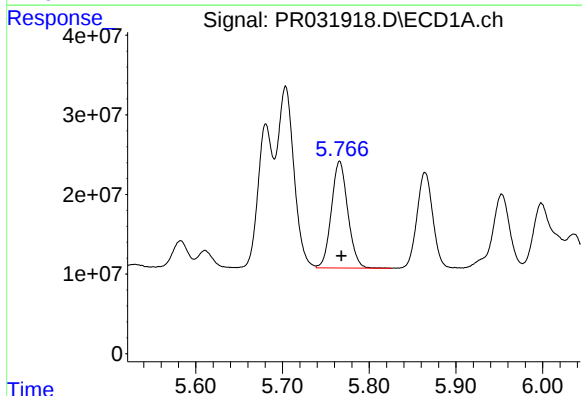
R.T.: 5.681 min
Delta R.T.: -0.002 min
Response: 202822001
Conc: 229.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



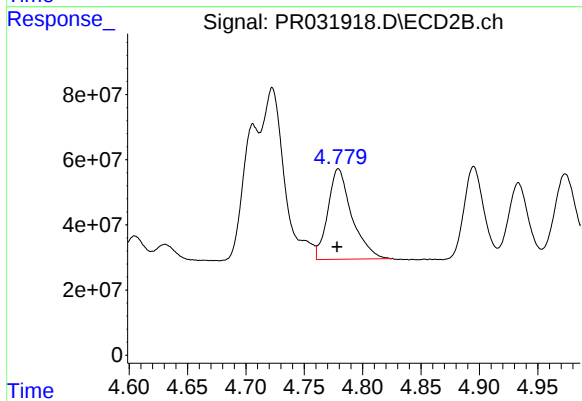
#5 AR-1016-3

R.T.: 4.723 min
Delta R.T.: 0.001 min
Response: 699464490
Conc: 241.23 ng/ml



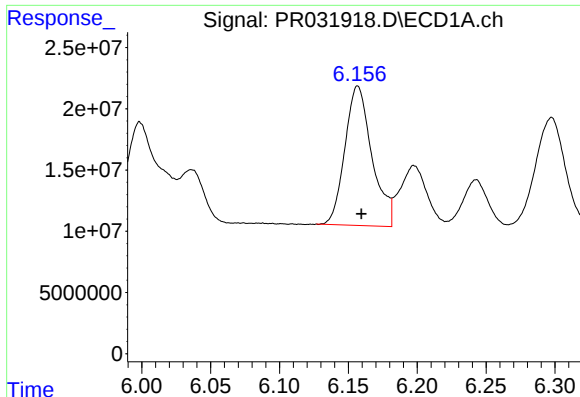
#6 AR-1016-4

R.T.: 5.766 min
Delta R.T.: -0.002 min
Response: 176440881
Conc: 225.27 ng/ml



#6 AR-1016-4

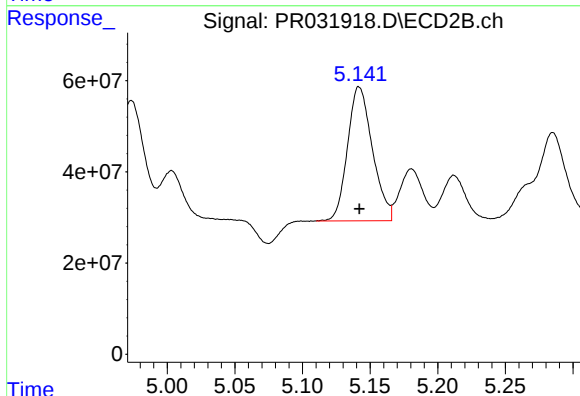
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 397027477
Conc: 213.70 ng/ml



#7 AR-1016-5

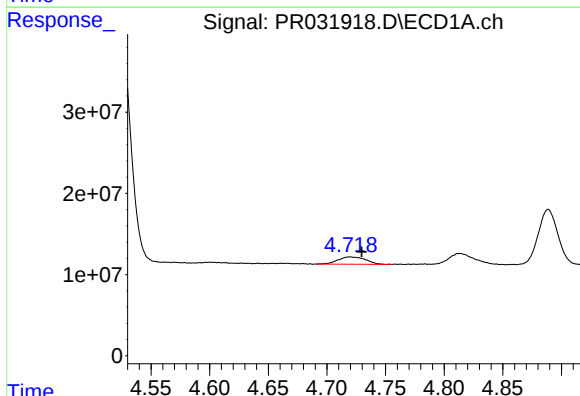
R.T.: 6.157 min
Delta R.T.: -0.002 min
Response: 155628828
Conc: 232.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



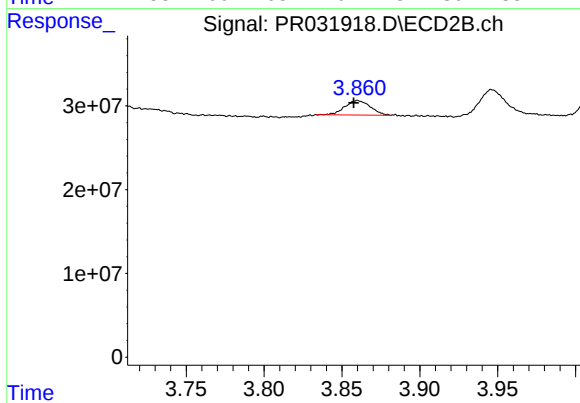
#7 AR-1016-5

R.T.: 5.142 min
Delta R.T.: 0.000 min
Response: 377047696
Conc: 218.44 ng/ml



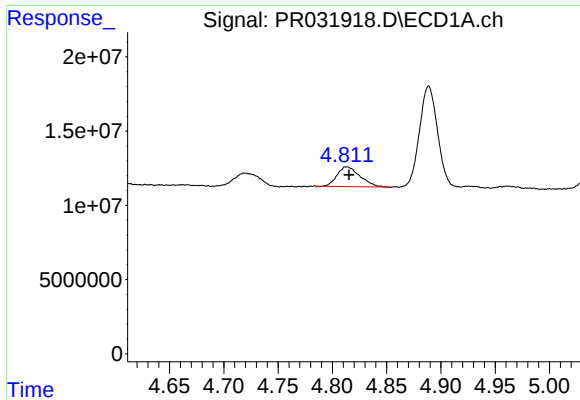
#8 AR-1221-1

R.T.: 4.720 min
Delta R.T.: -0.009 min
Response: 14631921
Conc: 62.76 ng/ml



#8 AR-1221-1

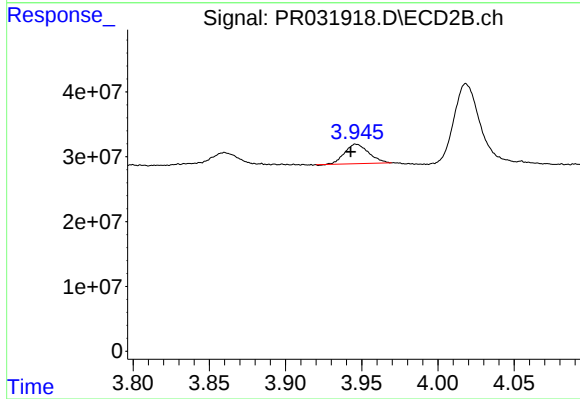
R.T.: 3.860 min
Delta R.T.: 0.002 min
Response: 19517379
Conc: 47.83 ng/ml



#9 AR-1221-2

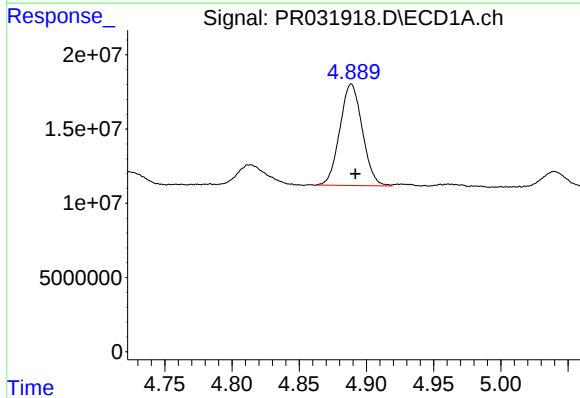
R.T.: 4.814 min
Delta R.T.: -0.002 min
Response: 19448432
Conc: 109.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



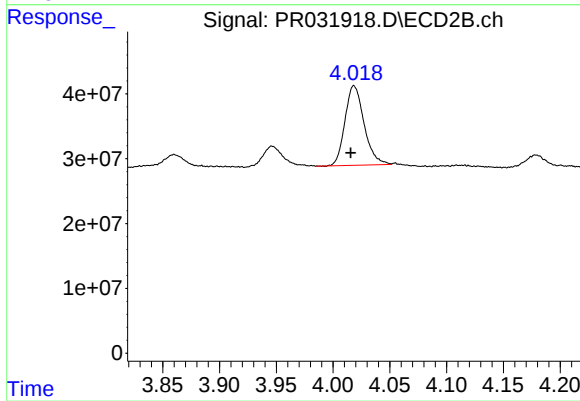
#9 AR-1221-2

R.T.: 3.946 min
Delta R.T.: 0.003 min
Response: 33087709
Conc: 106.02 ng/ml



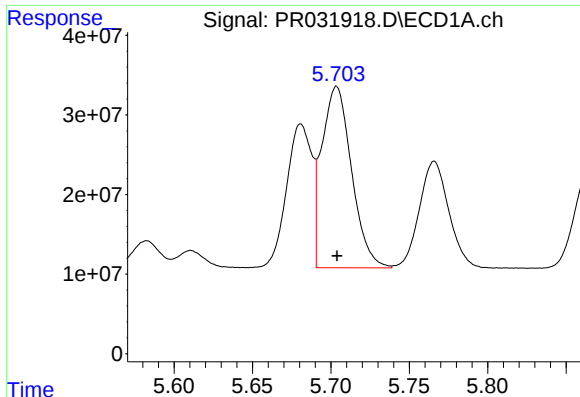
#10 AR-1221-3

R.T.: 4.889 min
Delta R.T.: -0.003 min
Response: 79621058
Conc: 143.49 ng/ml



#10 AR-1221-3

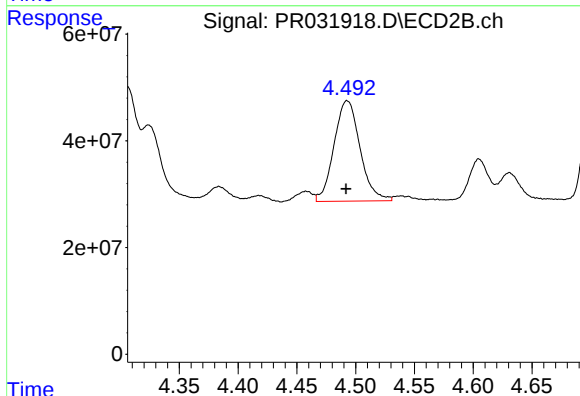
R.T.: 4.018 min
Delta R.T.: 0.003 min
Response: 144048760
Conc: 139.56 ng/ml



#11 AR-1232-1

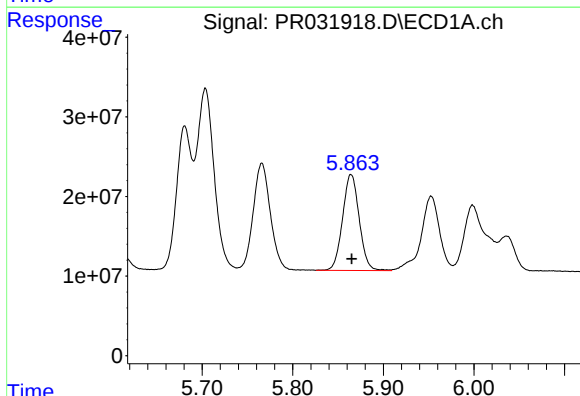
R.T.: 5.704 min
Delta R.T.: 0.000 min
Response: 301100860
Conc: 573.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



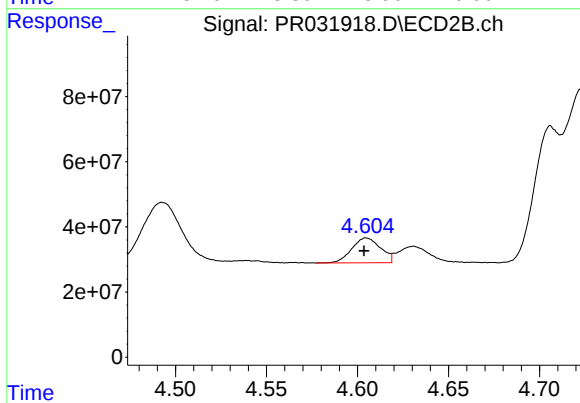
#11 AR-1232-1

R.T.: 4.493 min
Delta R.T.: 0.000 min
Response: 290831261
Conc: 521.26 ng/ml



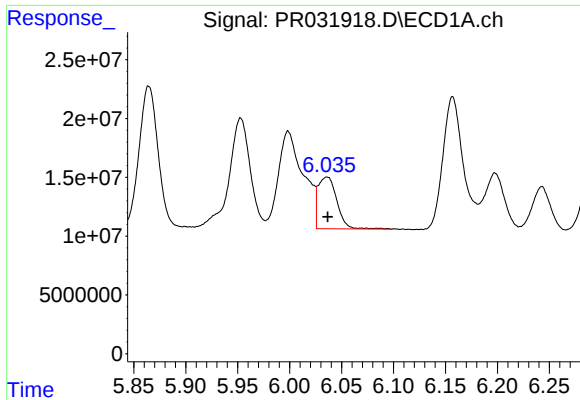
#12 AR-1232-2

R.T.: 5.864 min
Delta R.T.: 0.000 min
Response: 153642523
Conc: 569.90 ng/ml



#12 AR-1232-2

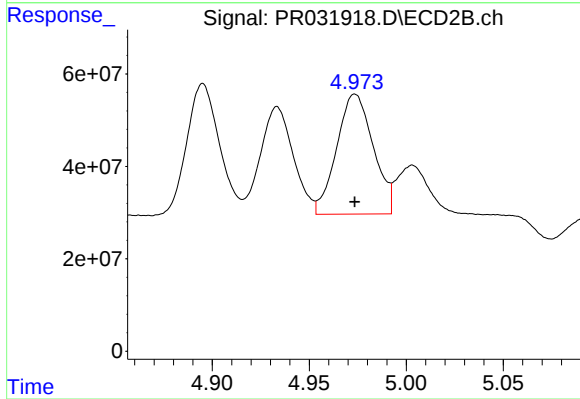
R.T.: 4.605 min
Delta R.T.: 0.001 min
Response: 84408064
Conc: 447.12 ng/ml



#13 AR-1232-3

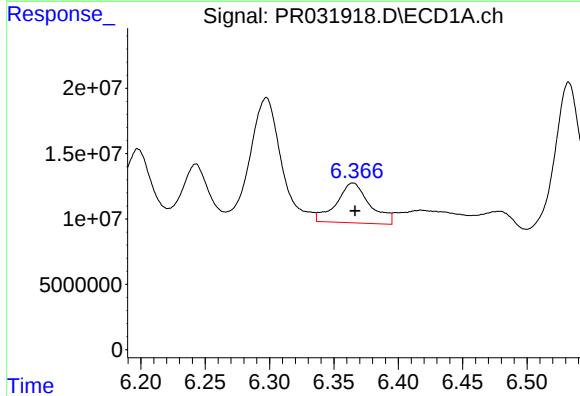
R.T.: 6.036 min
Delta R.T.: 0.000 min
Response: 55342679
Conc: 704.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



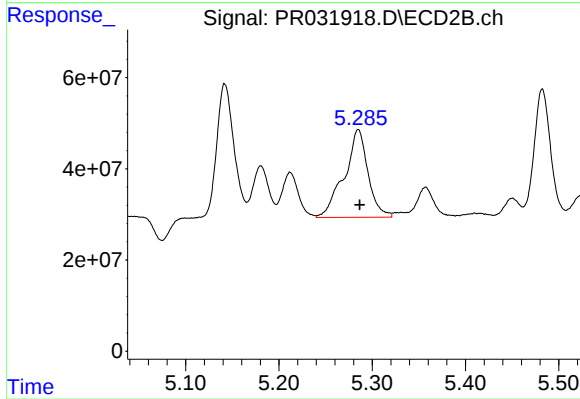
#13 AR-1232-3

R.T.: 4.974 min
Delta R.T.: 0.000 min
Response: 340920145
Conc: 587.05 ng/ml



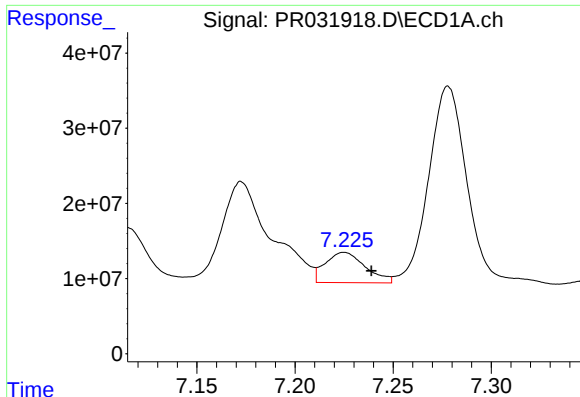
#14 AR-1232-4

R.T.: 6.365 min
Delta R.T.: -0.002 min
Response: 55124999
Conc: 671.21 ng/ml



#14 AR-1232-4

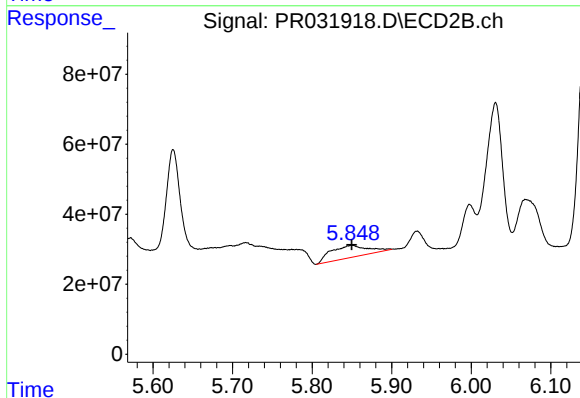
R.T.: 5.285 min
Delta R.T.: -0.001 min
Response: 339654231
Conc: 465.41 ng/ml



#15 AR-1232-5

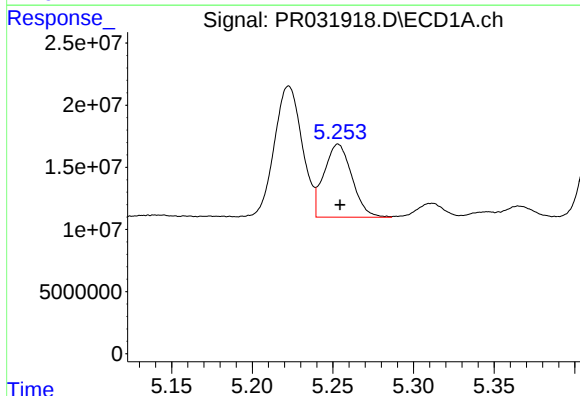
R.T.: 7.225 min
Delta R.T.: -0.014 min
Response: 57367825
Conc: 1054.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



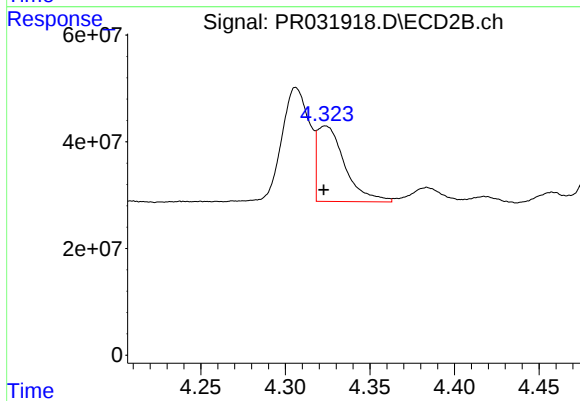
#15 AR-1232-5

R.T.: 5.850 min
Delta R.T.: 0.000 min
Response: 110802113
Conc: 999.51 ng/ml



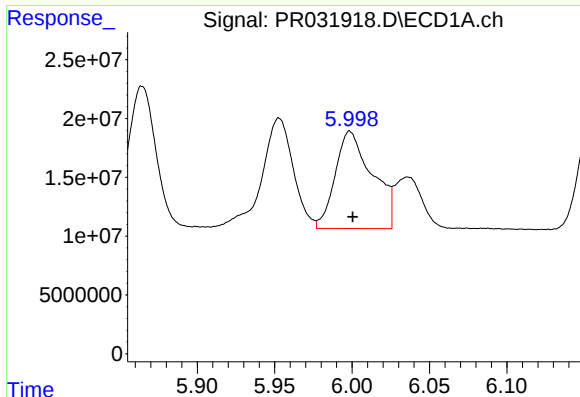
#16 AR-1242-1

R.T.: 5.253 min
Delta R.T.: -0.001 min
Response: 71014325
Conc: 266.84 ng/ml



#16 AR-1242-1

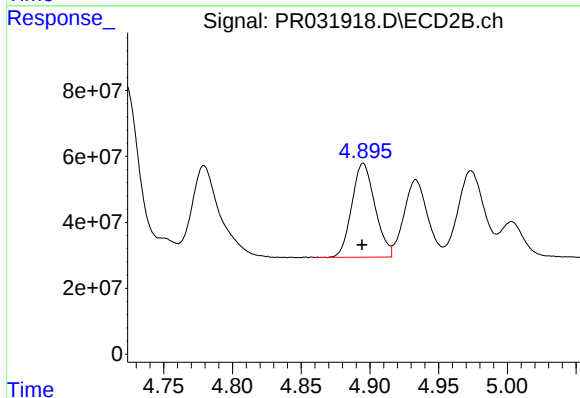
R.T.: 4.324 min
Delta R.T.: 0.001 min
Response: 161133846
Conc: 274.93 ng/ml



#17 AR-1242-2

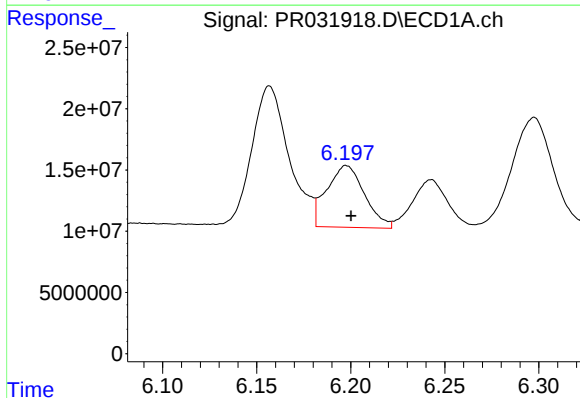
R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 138479806
Conc: 282.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



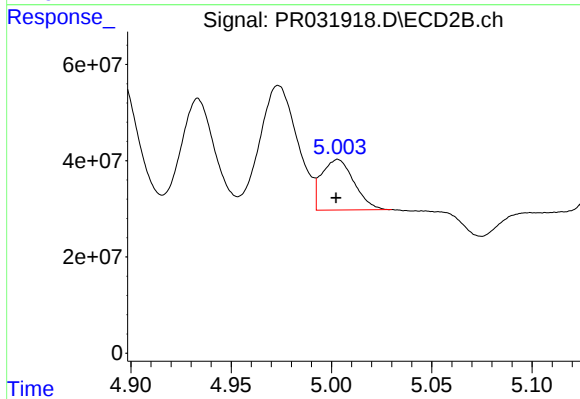
#17 AR-1242-2

R.T.: 4.895 min
Delta R.T.: 0.000 min
Response: 334627388
Conc: 275.30 ng/ml



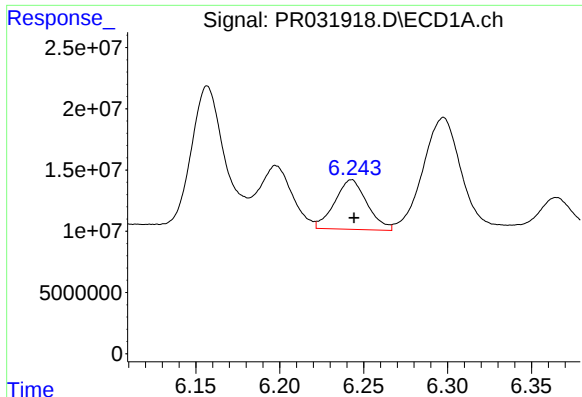
#18 AR-1242-3

R.T.: 6.198 min
Delta R.T.: -0.003 min
Response: 70250706
Conc: 284.54 ng/ml



#18 AR-1242-3

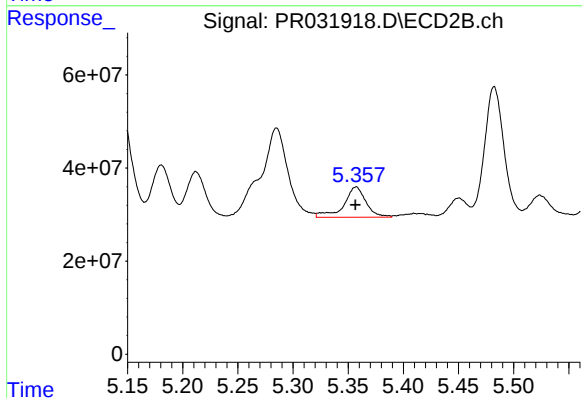
R.T.: 5.003 min
Delta R.T.: 0.000 min
Response: 118363611
Conc: 273.95 ng/ml



#19 AR-1242-4

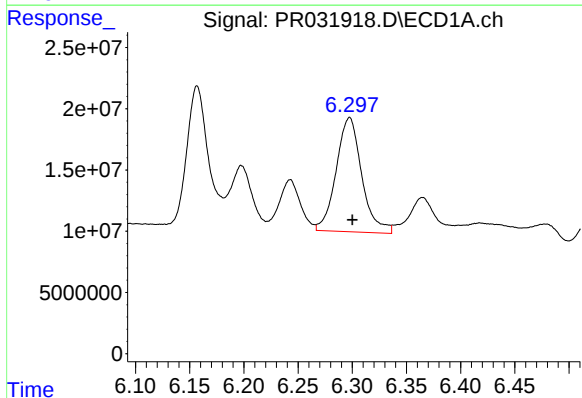
R.T.: 6.243 min
Delta R.T.: -0.002 min
Response: 54369522
Conc: 303.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



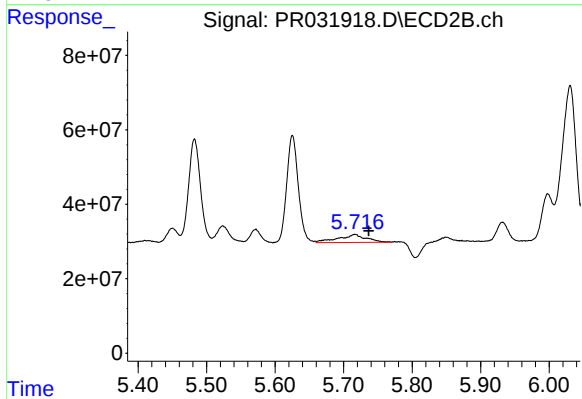
#19 AR-1242-4

R.T.: 5.357 min
Delta R.T.: 0.000 min
Response: 91557219
Conc: 221.78 ng/ml



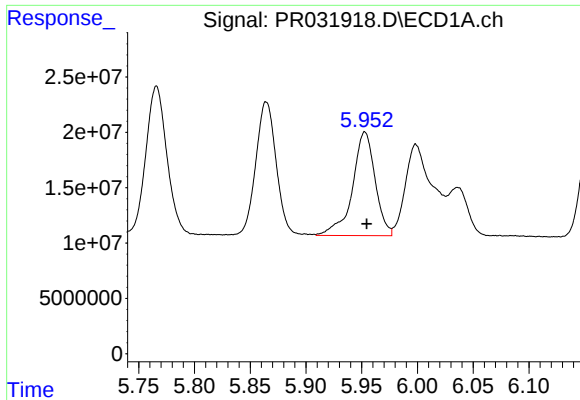
#20 AR-1242-5

R.T.: 6.298 min
Delta R.T.: -0.003 min
Response: 153648206
Conc: 243.76 ng/ml



#20 AR-1242-5

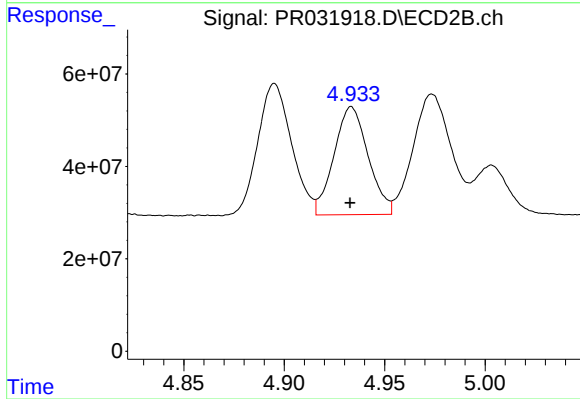
R.T.: 5.717 min
Delta R.T.: -0.020 min
Response: 60167090
Conc: 64.26 ng/ml



#21 AR-1248-1

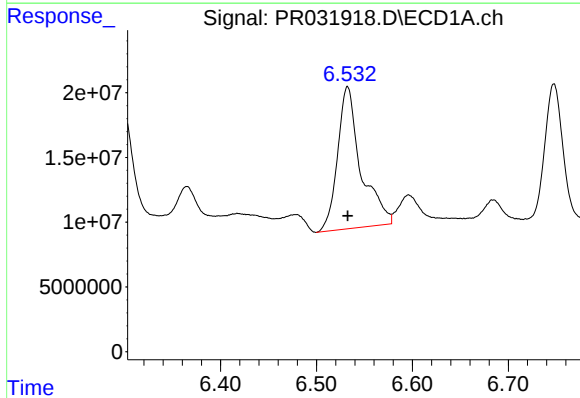
R.T.: 5.953 min
Delta R.T.: -0.002 min
Response: 132588361
Conc: 165.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



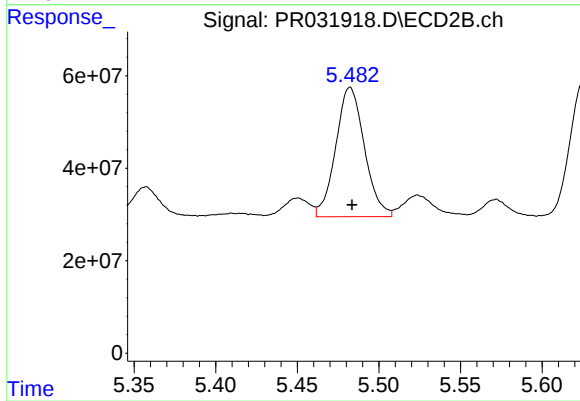
#21 AR-1248-1

R.T.: 4.933 min
Delta R.T.: 0.000 min
Response: 277166350
Conc: 157.96 ng/ml



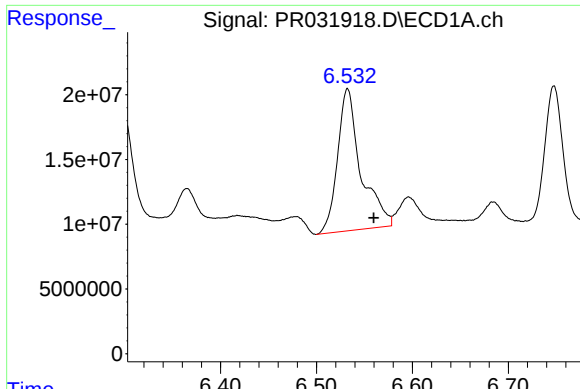
#22 AR-1248-2

R.T.: 6.532 min
Delta R.T.: 0.000 min
Response: 185567226
Conc: 219.18 ng/ml



#22 AR-1248-2

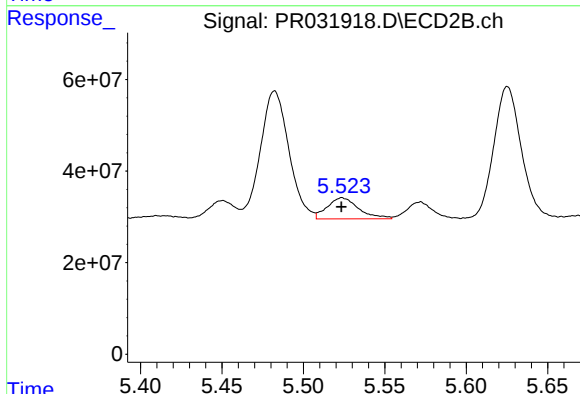
R.T.: 5.482 min
Delta R.T.: -0.001 min
Response: 342041579
Conc: 93.35 ng/ml



#23 AR-1248-3

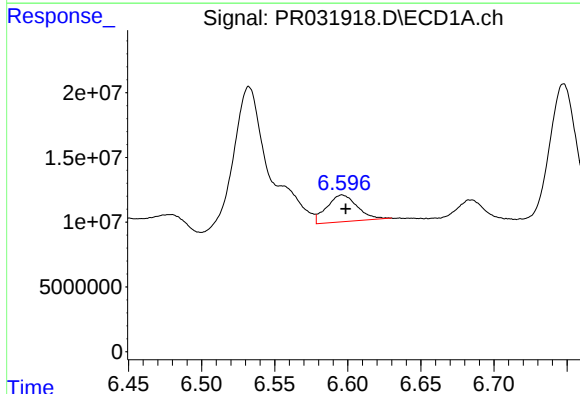
R.T.: 6.532 min
Delta R.T.: -0.027 min
Response: 185567226
Conc: 162.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



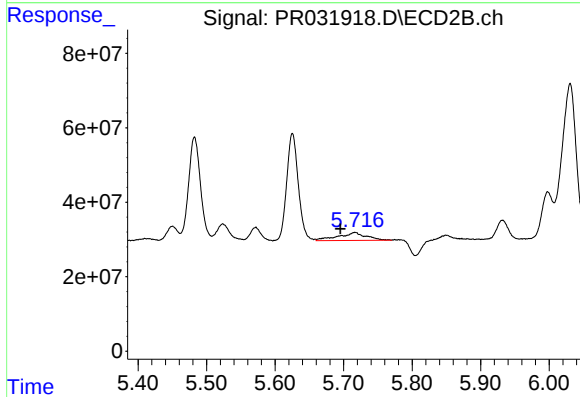
#23 AR-1248-3

R.T.: 5.524 min
Delta R.T.: 0.000 min
Response: 61896471
Conc: 23.66 ng/ml



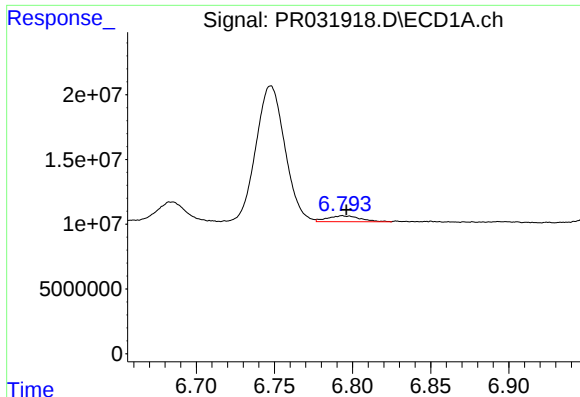
#24 AR-1248-4

R.T.: 6.596 min
Delta R.T.: -0.002 min
Response: 29955077
Conc: 27.80 ng/ml



#24 AR-1248-4

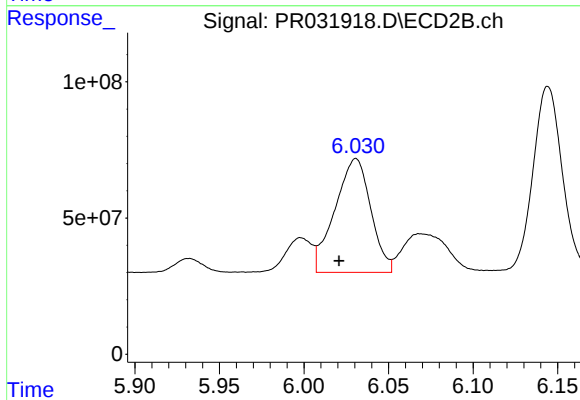
R.T.: 5.717 min
Delta R.T.: 0.021 min
Response: 60167090
Conc: 22.53 ng/ml



#25 AR-1248-5

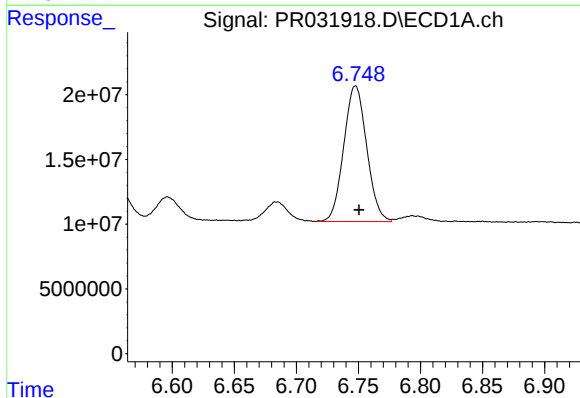
R.T.: 6.794 min
Delta R.T.: -0.003 min
Response: 6618764
Conc: 9.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



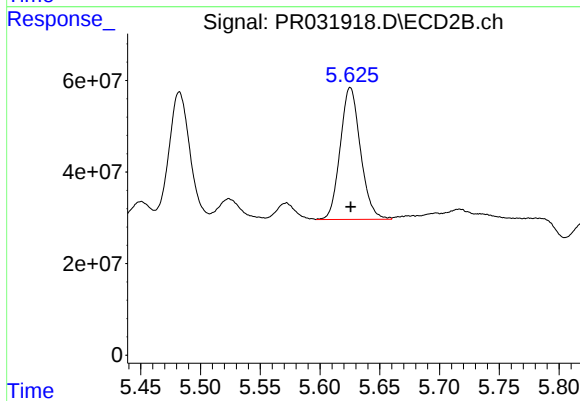
#25 AR-1248-5

R.T.: 6.031 min
Delta R.T.: 0.010 min
Response: 616212708
Conc: 365.41 ng/ml



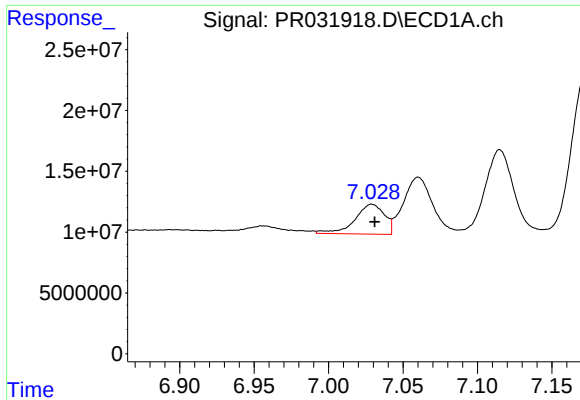
#26 AR-1254-1

R.T.: 6.748 min
Delta R.T.: -0.003 min
Response: 135039287
Conc: 69.53 ng/ml



#26 AR-1254-1

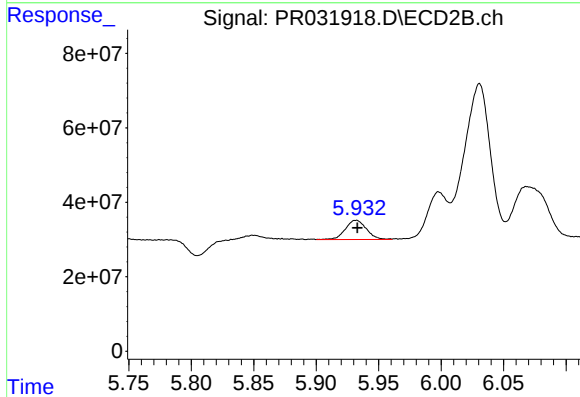
R.T.: 5.625 min
Delta R.T.: 0.000 min
Response: 340053197
Conc: 89.44 ng/ml



#27 AR-1254-2

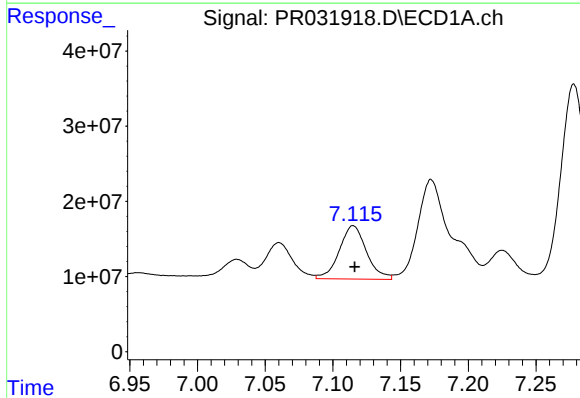
R.T.: 7.029 min
Delta R.T.: -0.002 min
Response: 33945824
Conc: 27.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



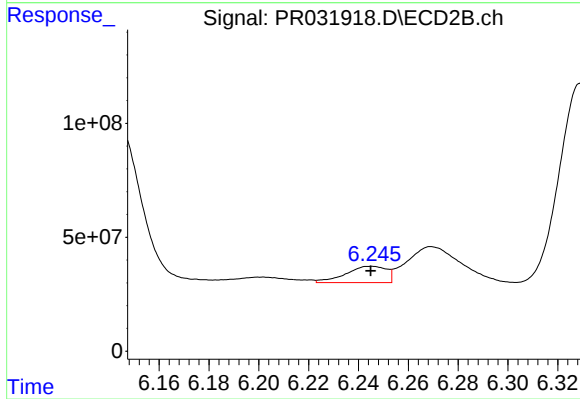
#27 AR-1254-2

R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 60579480
Conc: 20.51 ng/ml



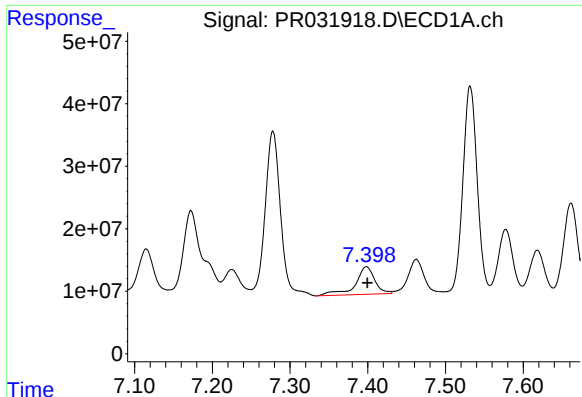
#28 AR-1254-3

R.T.: 7.115 min
Delta R.T.: -0.001 min
Response: 99308636
Conc: 45.32 ng/ml



#28 AR-1254-3

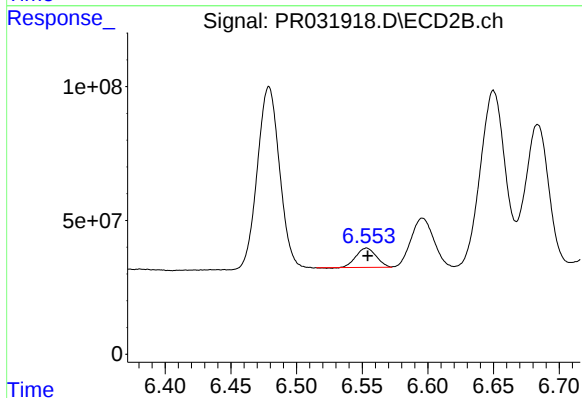
R.T.: 6.245 min
Delta R.T.: 0.000 min
Response: 80810298
Conc: 18.06 ng/ml



#29 AR-1254-4

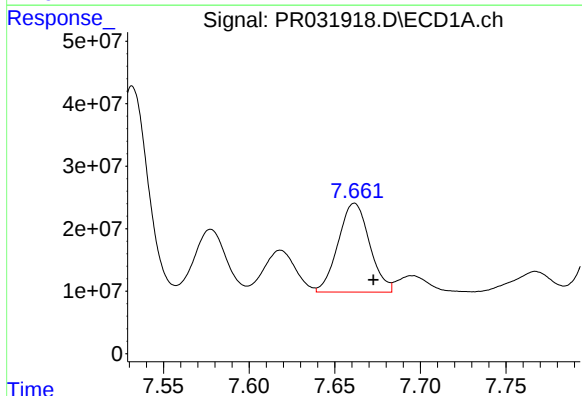
R.T.: 7.398 min
Delta R.T.: -0.001 min
Response: 76970008
Conc: 44.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



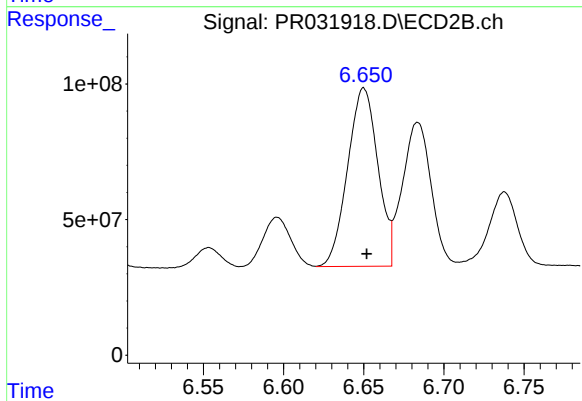
#29 AR-1254-4

R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 76346865
Conc: 35.93 ng/ml



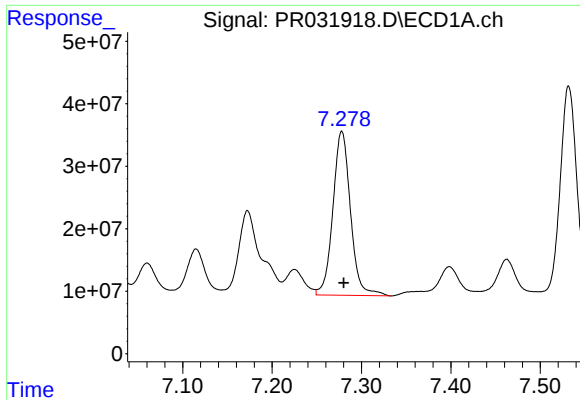
#30 AR-1254-5

R.T.: 7.662 min
Delta R.T.: -0.011 min
Response: 181721378
Conc: 139.86 ng/ml



#30 AR-1254-5

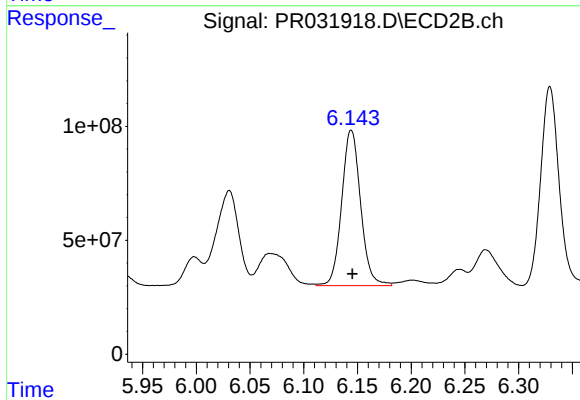
R.T.: 6.650 min
Delta R.T.: -0.002 min
Response: 863163284
Conc: 226.72 ng/ml



#31 AR-1260-1

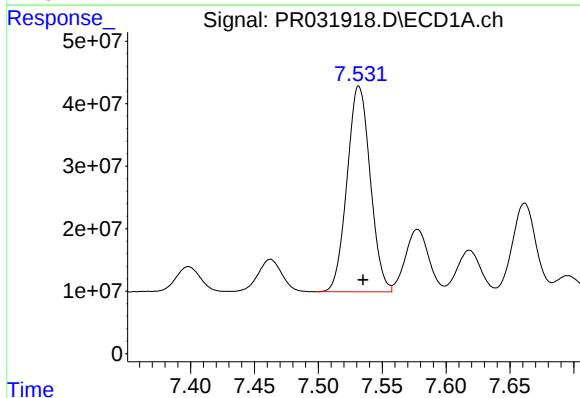
R.T.: 7.278 min
Delta R.T.: -0.002 min
Response: 358647116
Conc: 230.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



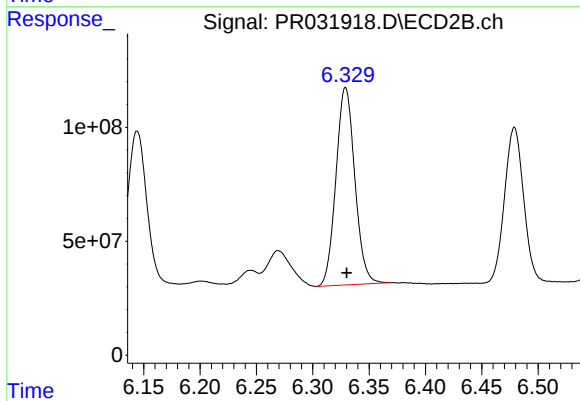
#31 AR-1260-1

R.T.: 6.144 min
Delta R.T.: -0.001 min
Response: 837612954
Conc: 227.03 ng/ml



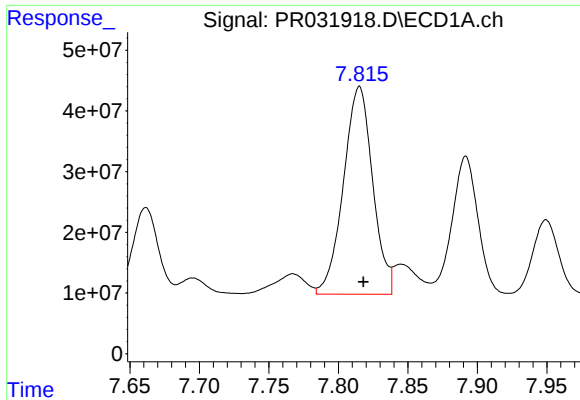
#32 AR-1260-2

R.T.: 7.532 min
Delta R.T.: -0.003 min
Response: 416534368
Conc: 209.18 ng/ml



#32 AR-1260-2

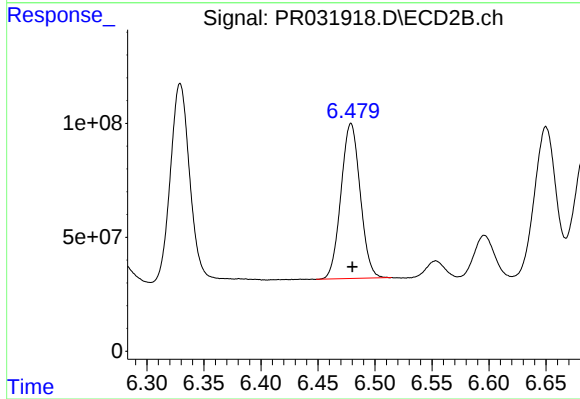
R.T.: 6.329 min
Delta R.T.: 0.000 min
Response: 1010486861
Conc: 225.51 ng/ml



#33 AR-1260-3

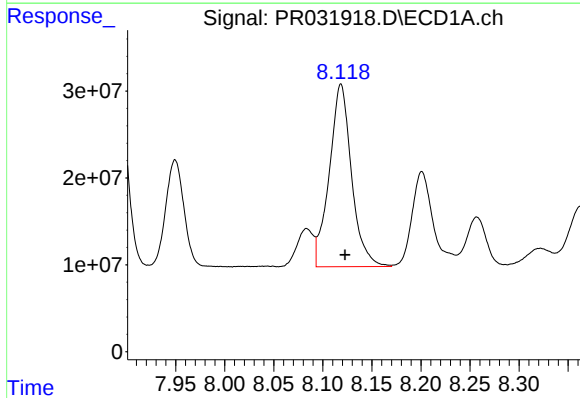
R.T.: 7.815 min
Delta R.T.: -0.003 min
Response: 501125624
Conc: 215.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



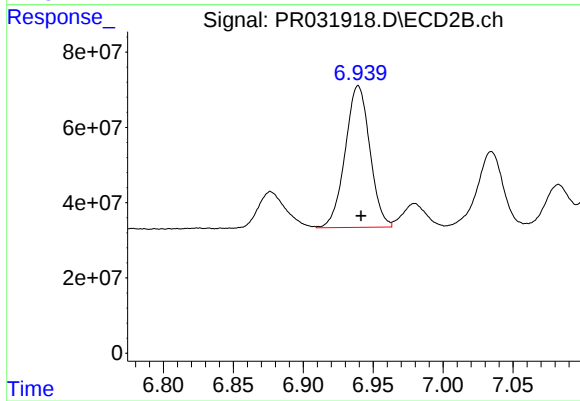
#33 AR-1260-3

R.T.: 6.479 min
Delta R.T.: -0.001 min
Response: 799921993
Conc: 227.13 ng/ml



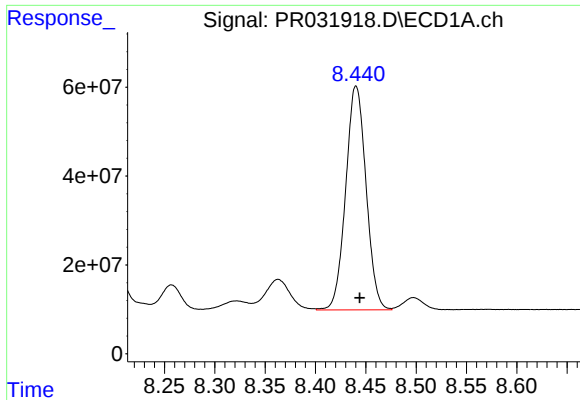
#34 AR-1260-4

R.T.: 8.118 min
Delta R.T.: -0.004 min
Response: 331362601
Conc: 198.71 ng/ml



#34 AR-1260-4

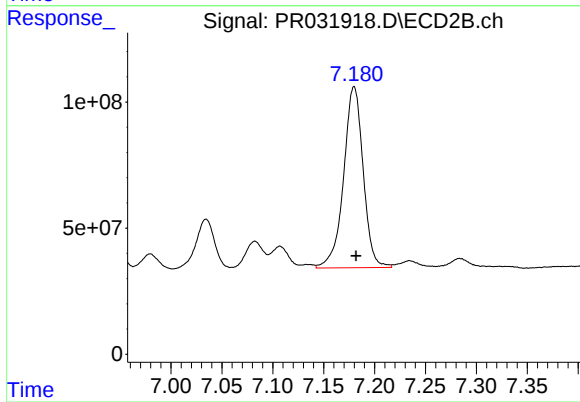
R.T.: 6.939 min
Delta R.T.: -0.002 min
Response: 462188392
Conc: 224.80 ng/ml



#35 AR-1260-5

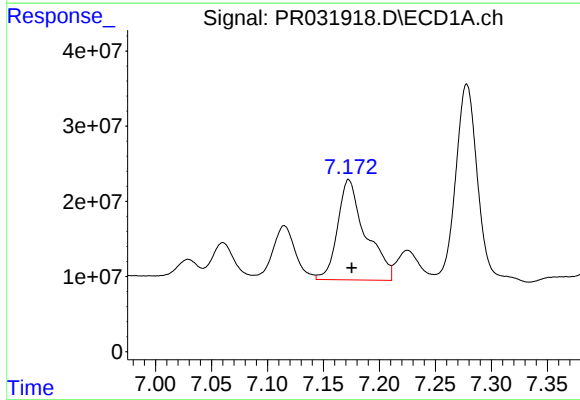
R.T.: 8.440 min
Delta R.T.: -0.004 min
Response: 710435914
Conc: 189.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



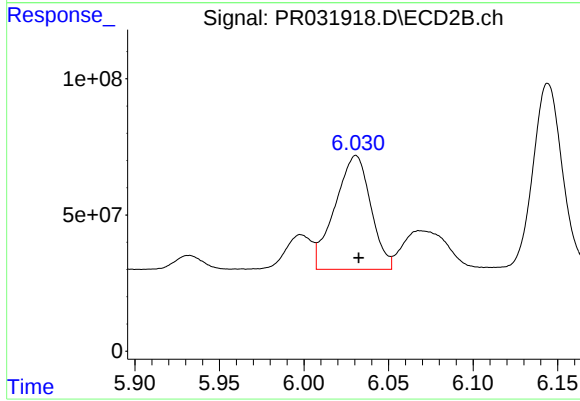
#35 AR-1260-5

R.T.: 7.180 min
Delta R.T.: -0.002 min
Response: 961274739
Conc: 220.20 ng/ml



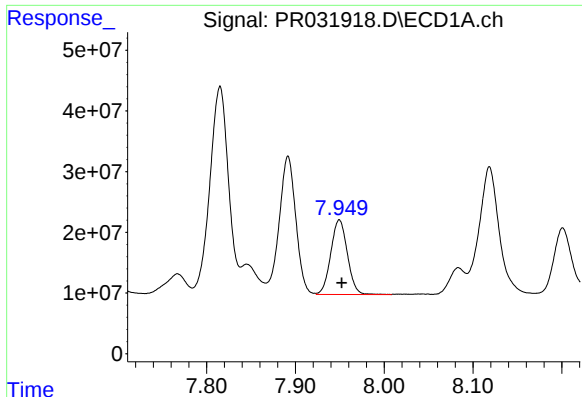
#36 AR-1262-1

R.T.: 7.173 min
Delta R.T.: -0.003 min
Response: 231982922
Conc: 274.06 ng/ml



#36 AR-1262-1

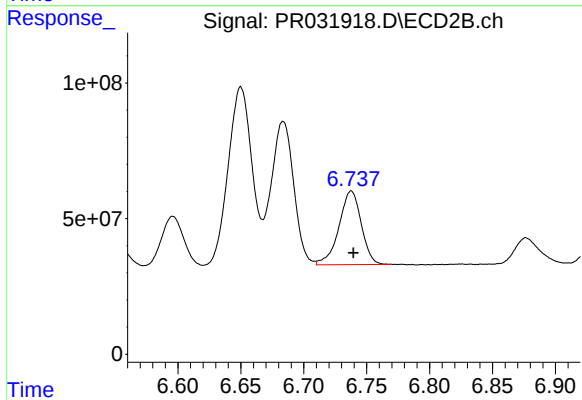
R.T.: 6.031 min
Delta R.T.: -0.002 min
Response: 616212708
Conc: 307.99 ng/ml



#37 AR-1262-2

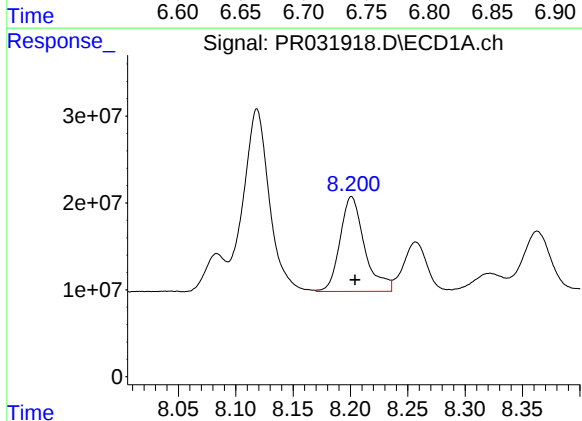
R.T.: 7.949 min
Delta R.T.: -0.003 min
Response: 159328525
Conc: 187.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



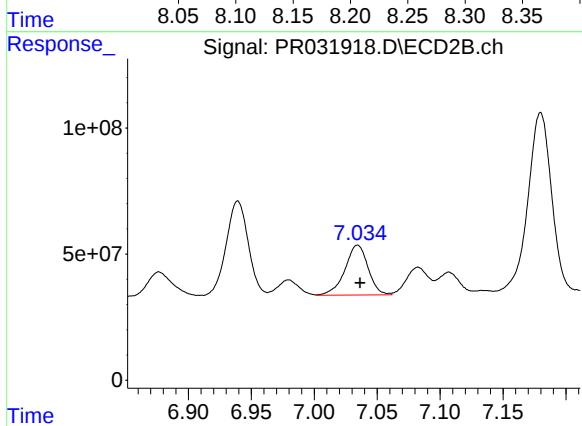
#37 AR-1262-2

R.T.: 6.738 min
Delta R.T.: -0.002 min
Response: 335101742
Conc: 222.80 ng/ml



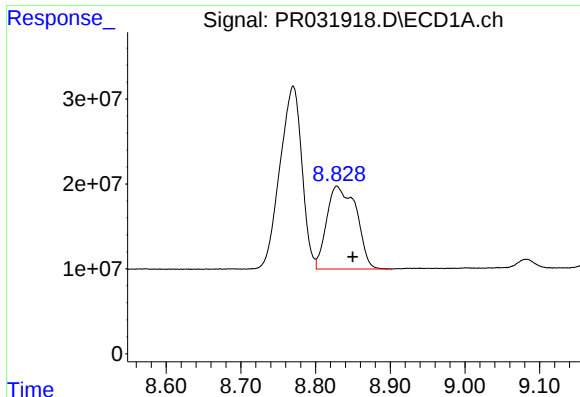
#38 AR-1262-3

R.T.: 8.201 min
Delta R.T.: -0.003 min
Response: 162983287
Conc: 216.43 ng/ml



#38 AR-1262-3

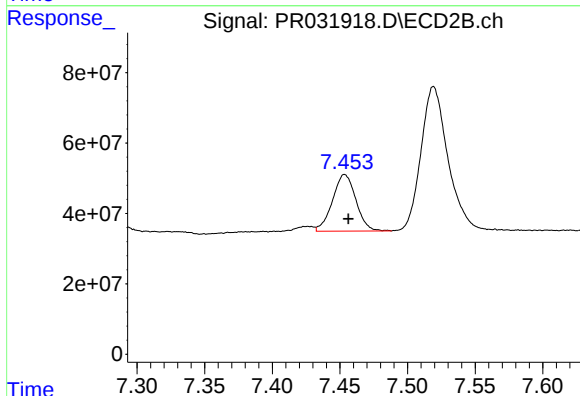
R.T.: 7.034 min
Delta R.T.: -0.002 min
Response: 253863030
Conc: 207.94 ng/ml



#39 AR-1262-4

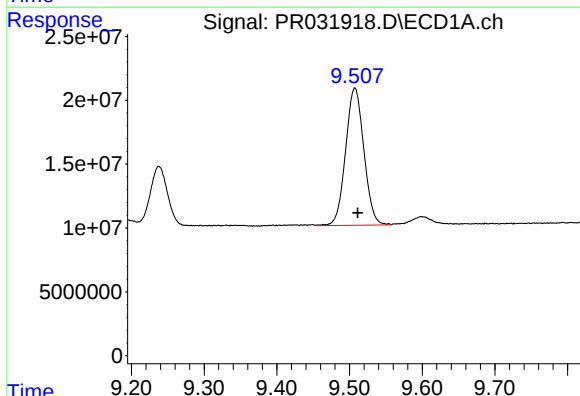
R.T.: 8.829 min
Delta R.T.: -0.021 min
Response: 268879644
Conc: 126.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



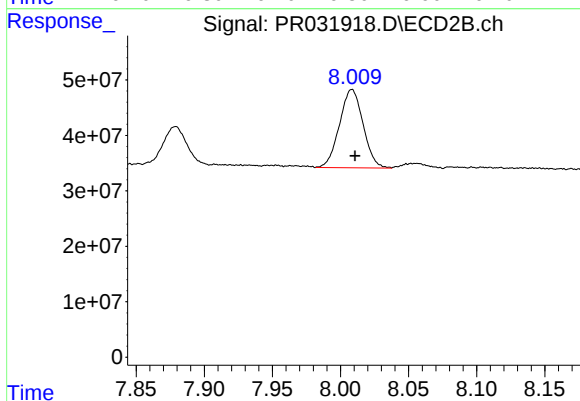
#39 AR-1262-4

R.T.: 7.454 min
Delta R.T.: -0.003 min
Response: 194198852
Conc: 115.95 ng/ml



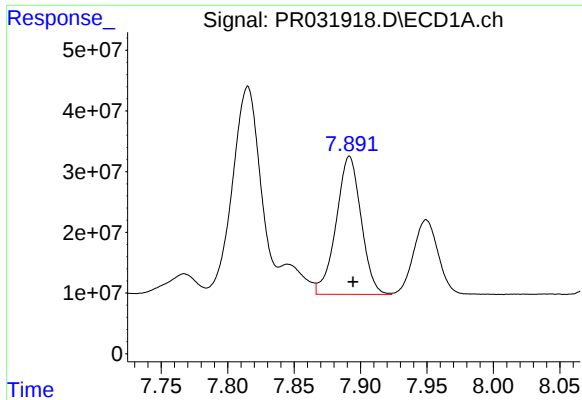
#40 AR-1262-5

R.T.: 9.507 min
Delta R.T.: -0.004 min
Response: 187795747
Conc: 122.93 ng/ml



#40 AR-1262-5

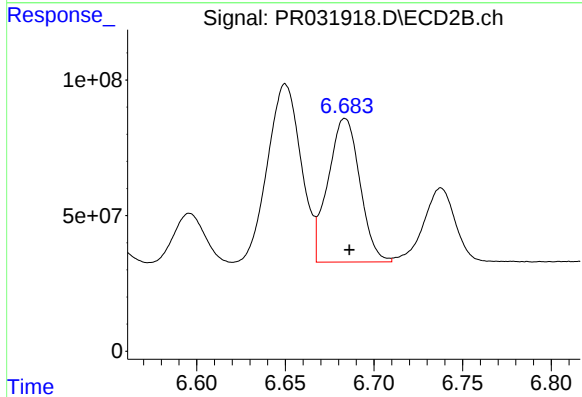
R.T.: 8.008 min
Delta R.T.: -0.002 min
Response: 170875782
Conc: 135.00 ng/ml



#41 AR-1268-1

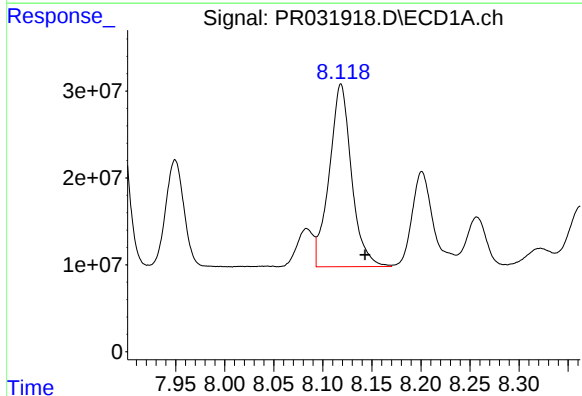
R.T.: 7.892 min
Delta R.T.: -0.003 min
Response: 297024438
Conc: 325.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



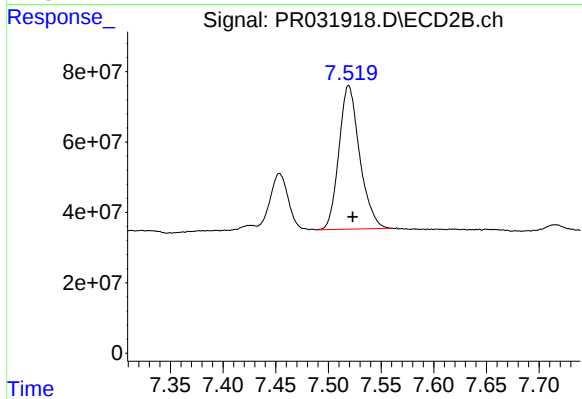
#41 AR-1268-1

R.T.: 6.684 min
Delta R.T.: -0.003 min
Response: 662430855
Conc: 405.87 ng/ml



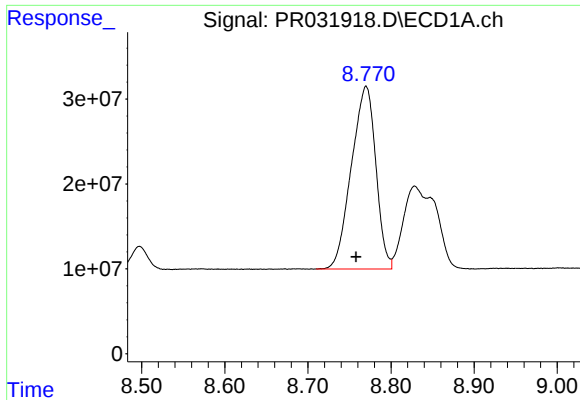
#42 AR-1268-2

R.T.: 8.118 min
Delta R.T.: -0.024 min
Response: 331362601
Conc: 263.60 ng/ml



#42 AR-1268-2

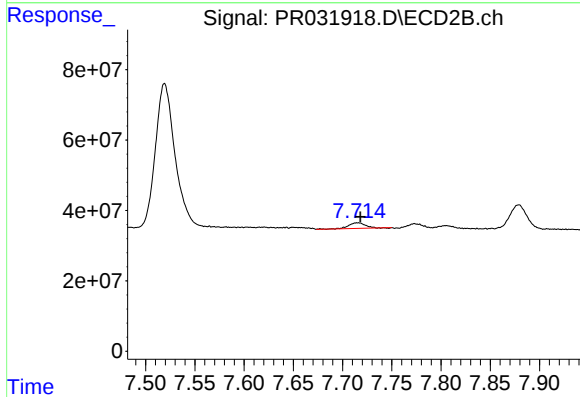
R.T.: 7.519 min
Delta R.T.: -0.004 min
Response: 559252795
Conc: 139.21 ng/ml



#43 AR-1268-3

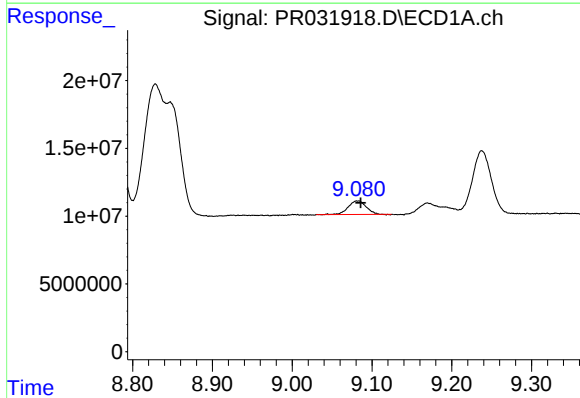
R.T.: 8.770 min
Delta R.T.: 0.012 min
Response: 439505279
Conc: 79.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



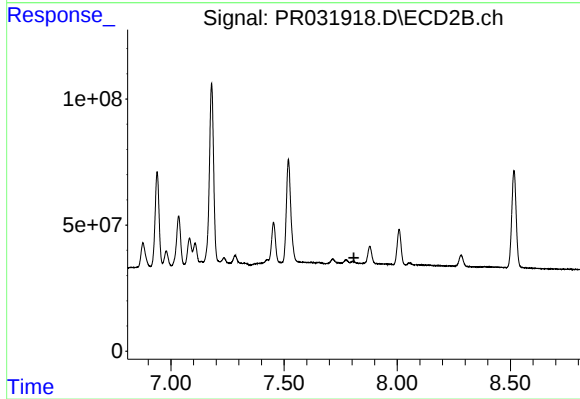
#43 AR-1268-3

R.T.: 7.715 min
Delta R.T.: -0.003 min
Response: 18378601
Conc: 5.33 ng/ml



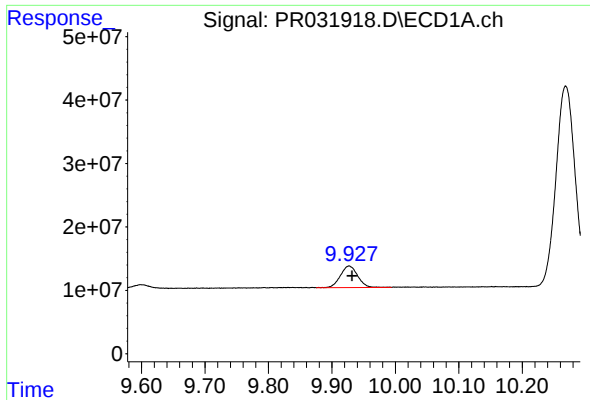
#44 AR-1268-4

R.T.: 9.083 min
Delta R.T.: -0.003 min
Response: 15689165
Conc: 3.55 ng/ml



#44 AR-1268-4

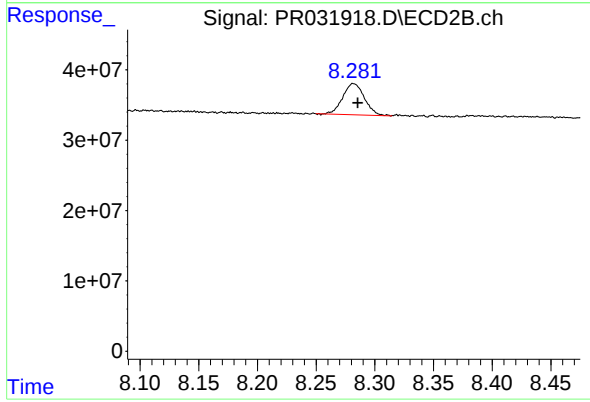
R.T.: 7.805 min
Delta R.T.: -0.003 min
Response: -3729675
Conc: N.D.



#45 AR-1268-5

R.T.: 9.927 min
Delta R.T.: -0.005 min
Response: 64826272
Conc: 5.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.282 min
Delta R.T.: -0.004 min
Response: 57254367
Conc: 6.00 ng/ml