

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR080418\
 Data File : PR031081.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2018 17:41
 Operator : SM\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: Aug 03 01:33:32 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR080218CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Aug 02 03:51:20 2018
 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...	4.562	3.693	256.1E6	397.5E6	19.331	18.027
2)	SA Decachlor...	10.339	8.584	1289.8E6	802.5E6	38.948	40.373
Target Compounds							
3)	L1 AR-1016-1	5.262	4.348	146.3E6	275.1E6	391.167	395.475
4)	L1 AR-1016-2	5.456	4.752	149.8E6	412.1E6	404.160	377.420
5)	L1 AR-1016-3	5.721	4.769	244.4E6	786.2E6	402.364	435.162
6)	L1 AR-1016-4	5.806	4.825	214.0E6	475.6E6	400.236	393.324
7)	L1 AR-1016-5	6.197	5.190	188.8E6	439.7E6	400.508	400.420
8)	L2 AR-1221-1	4.760	3.899	15985454	27080898	83.724	82.515
9)	L2 AR-1221-2	4.851	3.985	21002643	38440380	167.614	162.446
10)	L2 AR-1221-3	4.928	4.059	96854061	171.2E6	206.712	221.123
11)	L3 AR-1232-1	5.744	4.537	348.6E6	327.2E6	870.462	910.816
12)	L3 AR-1232-2	5.905	4.769	182.9E6	786.2E6	868.478	876.230
13)	L3 AR-1232-3	5.993	5.021	152.3E6	385.0E6	895.487	879.331
14)	L3 AR-1232-4	6.573	5.335	194.5E6	503.6E6	996.703	1368.294 #
15)	L3 AR-1232-5	6.638	5.575	62307193	93044950	234.912	171.016 #
16)	L4 AR-1242-1	5.293	4.367	81708189	179.7E6	452.338	476.389
17)	L4 AR-1242-2	6.039	4.942	158.4E6	379.4E6	458.114	493.859
18)	L4 AR-1242-3	6.239	4.980	82365138	314.1E6	446.685	476.845
19)	L4 AR-1242-4	6.283	5.727	61316035	9427823	481.686	9.453 #
20)	L4 AR-1242-5	6.339	5.766	208.8E6	76982953	461.059	113.463 #
21)	L5 AR-1248-1	5.993	4.980	152.3E6	314.1E6	218.899	220.033
22)	L5 AR-1248-2	6.573	5.533	194.5E6	456.7E6	254.228	150.544 #
23)	L5 AR-1248-3	6.597	5.575	72380900	93044950	68.237	42.359 #
24)	L5 AR-1248-4	6.638	5.766	62307193	76982953	62.904	39.084 #
25)	L5 AR-1248-5	6.835	6.084	11841765	733.1E6	17.613	473.914 #
26)	L6 AR-1254-1	6.789	5.676	176.3E6	374.2E6	115.963	139.098
27)	L6 AR-1254-2	7.070	5.984	31853342	74387073	34.270	33.340
28)	L6 AR-1254-3	7.156	6.298	99741011	64640550	58.342	18.197 #
29)	L6 AR-1254-4	7.440	6.609	81646086	122.2E6	54.170	65.999
30)	L6 AR-1254-5	7.703	6.705	281.9E6	1142.9E6	262.137	330.510 #
31)	L7 AR-1260-1	7.319	6.197	478.4E6	1026.7E6	412.048	389.600
32)	L7 AR-1260-2	7.574	6.382	675.1E6	1297.7E6	399.895	396.166
33)	L7 AR-1260-3	7.857	6.533	764.3E6	1061.6E6	397.302	390.282
34)	L7 AR-1260-4	8.162	6.995	561.8E6	656.8E6	400.998	379.969
35)	L7 AR-1260-5	8.487	7.235	1360.9E6	1402.9E6	388.838	378.399
36)	L8 AR-1262-1	7.214	6.084	319.1E6	733.1E6	351.928	381.438
37)	L8 AR-1262-2	7.991	6.792	284.5E6	490.3E6	308.969	280.043
38)	L8 AR-1262-3	8.246	7.091	292.1E6	346.3E6	367.465	259.092 #
39)	L8 AR-1262-4	8.882	7.511	528.3E6	300.2E6	219.255	148.043 #
40)	L8 AR-1262-5	9.567	8.066	396.0E6	289.5E6	225.493	209.170
41)	L9 AR-1268-1	7.934	6.738	571.2E6	979.0E6	630.084	596.064

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 Operator : SM\MA
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

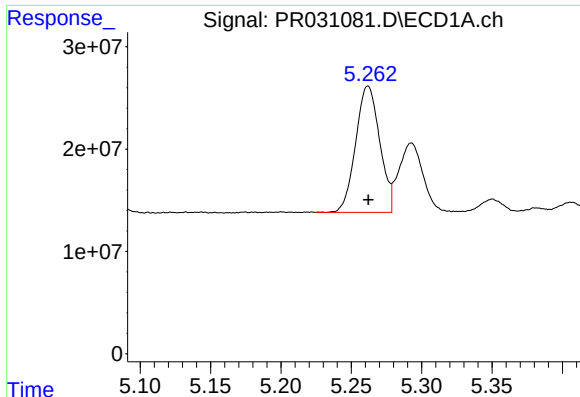
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 03 01:33:32 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR080218CLP.M
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 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	8.162	7.576	561.8E6	813.5E6	439.065	187.605 #
43) L9	AR-1268-3	8.820	7.774	821.5E6	23301114	143.293	6.587 #
44) L9	AR-1268-4	9.136	7.865	28342003	8351194	6.081	8.300 #
45) L9	AR-1268-5	9.993	8.344	109.5E6	76717901	7.917	8.866

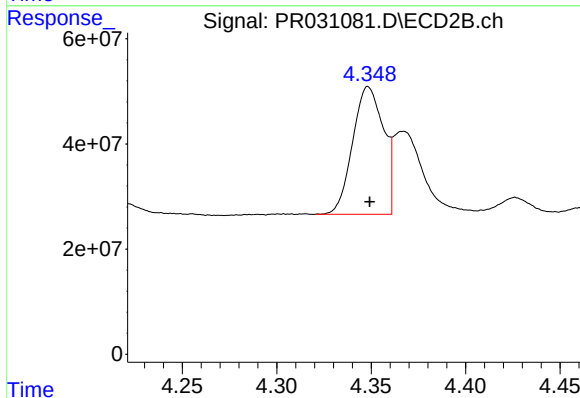
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

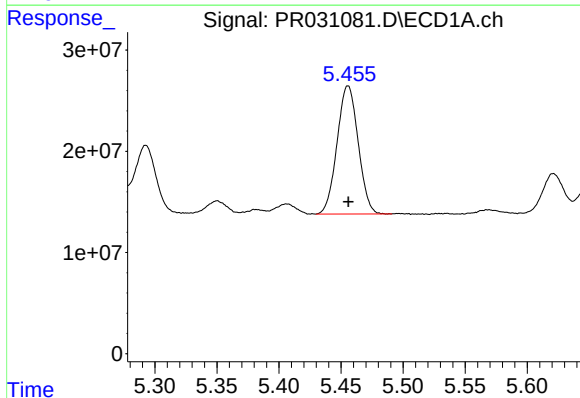
R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 146345772
Conc: 391.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



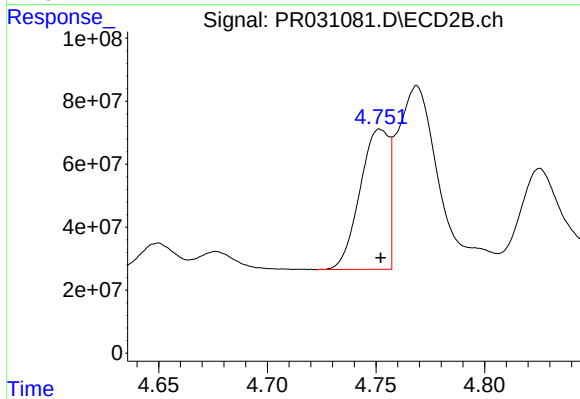
#3 AR-1016-1

R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 275142190
Conc: 395.47 ng/ml



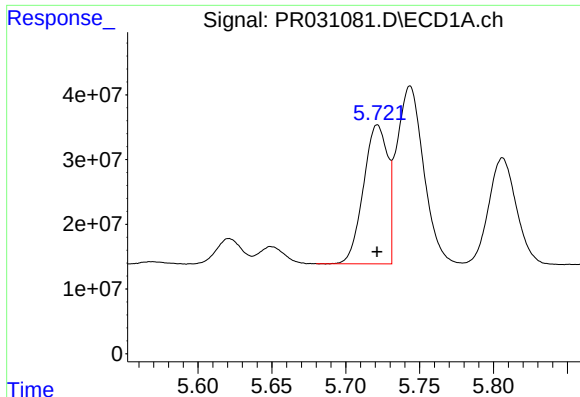
#4 AR-1016-2

R.T.: 5.456 min
Delta R.T.: 0.000 min
Response: 149815556
Conc: 404.16 ng/ml



#4 AR-1016-2

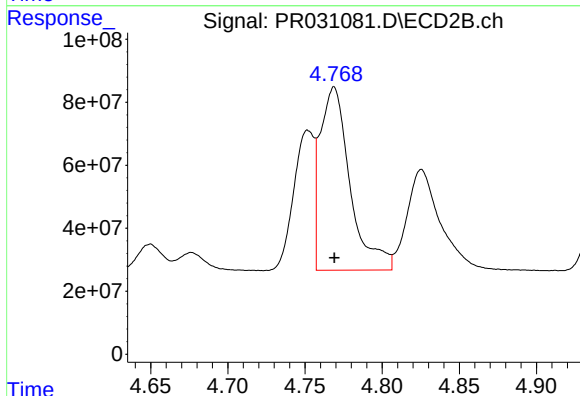
R.T.: 4.752 min
Delta R.T.: 0.000 min
Response: 412115040
Conc: 377.42 ng/ml



#5 AR-1016-3

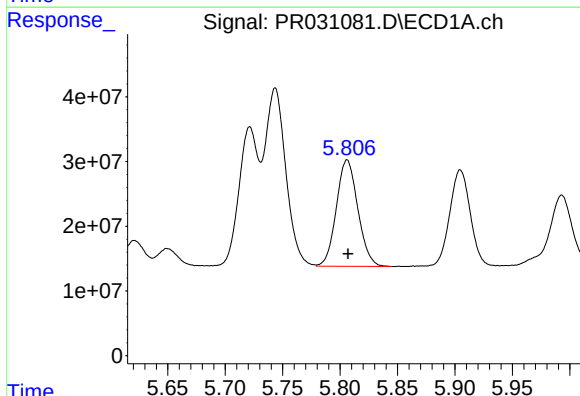
R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 244374868
Conc: 402.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



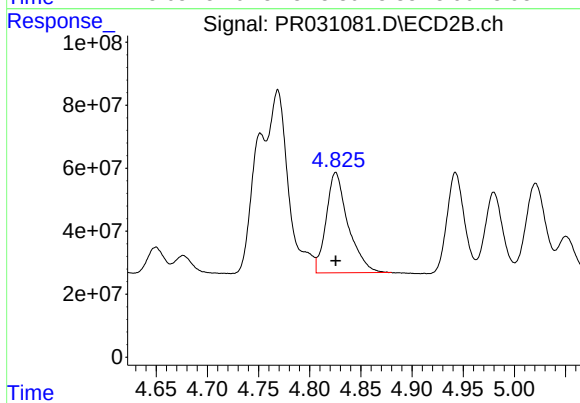
#5 AR-1016-3

R.T.: 4.769 min
Delta R.T.: 0.000 min
Response: 786221180
Conc: 435.16 ng/ml



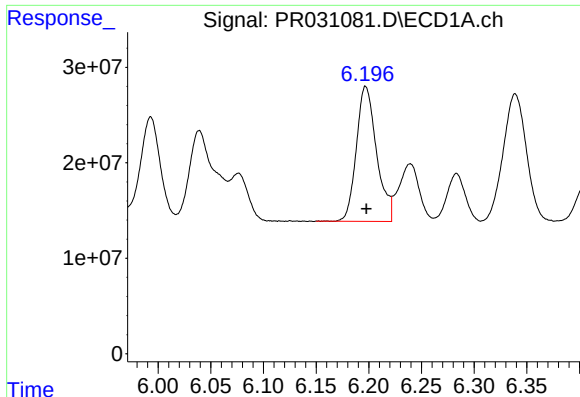
#6 AR-1016-4

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 213952624
Conc: 400.24 ng/ml



#6 AR-1016-4

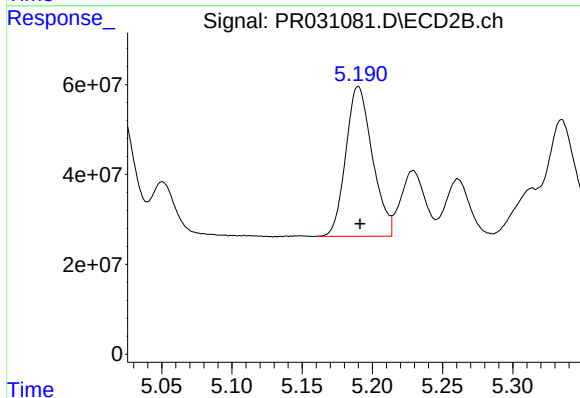
R.T.: 4.825 min
Delta R.T.: 0.000 min
Response: 475625011
Conc: 393.32 ng/ml



#7 AR-1016-5

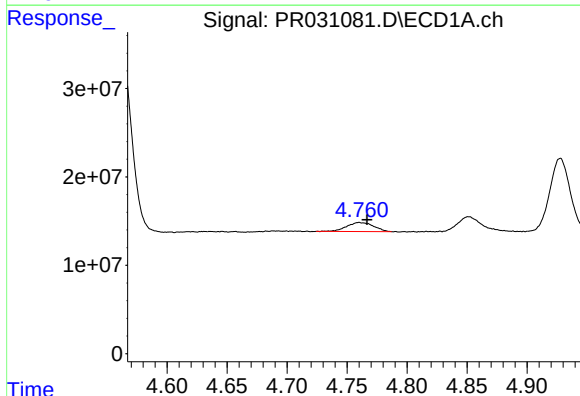
R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 188804294
Conc: 400.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



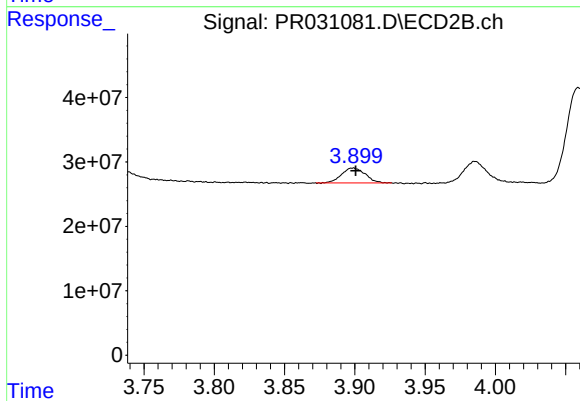
#7 AR-1016-5

R.T.: 5.190 min
Delta R.T.: -0.001 min
Response: 439661476
Conc: 400.42 ng/ml



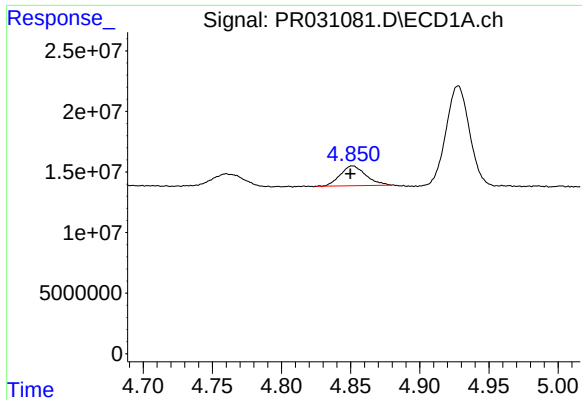
#8 AR-1221-1

R.T.: 4.760 min
Delta R.T.: -0.007 min
Response: 15985454
Conc: 83.72 ng/ml



#8 AR-1221-1

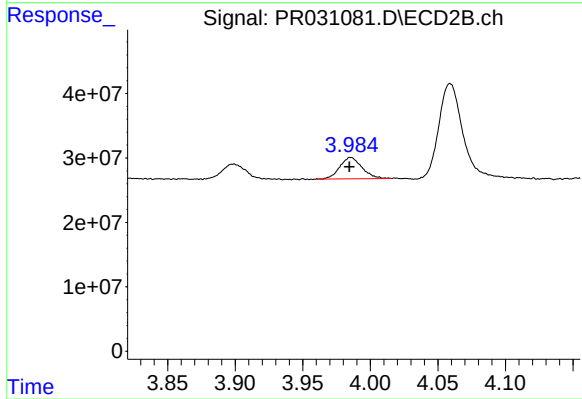
R.T.: 3.899 min
Delta R.T.: -0.002 min
Response: 27080898
Conc: 82.52 ng/ml



#9 AR-1221-2

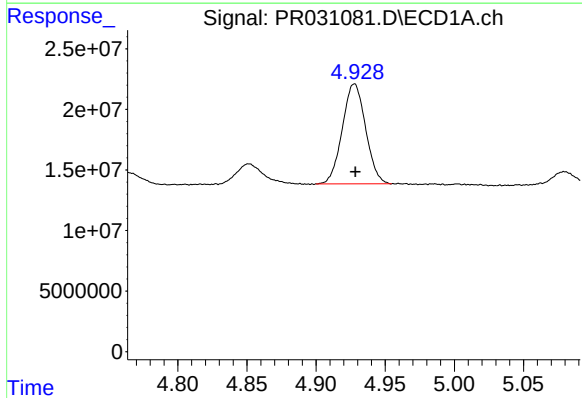
R.T.: 4.851 min
Delta R.T.: 0.001 min
Response: 21002643
Conc: 167.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



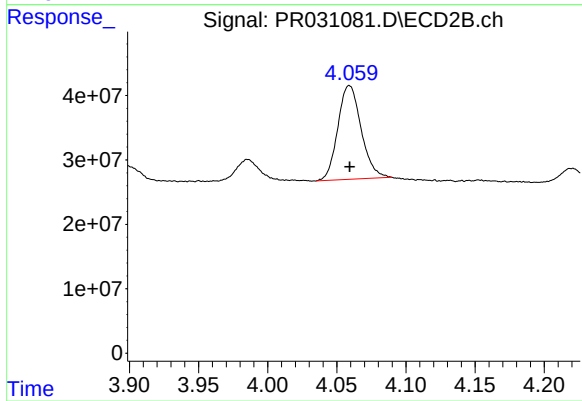
#9 AR-1221-2

R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 38440380
Conc: 162.45 ng/ml



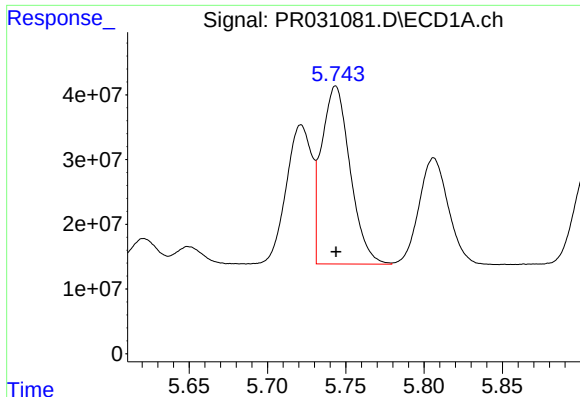
#10 AR-1221-3

R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 96854061
Conc: 206.71 ng/ml



#10 AR-1221-3

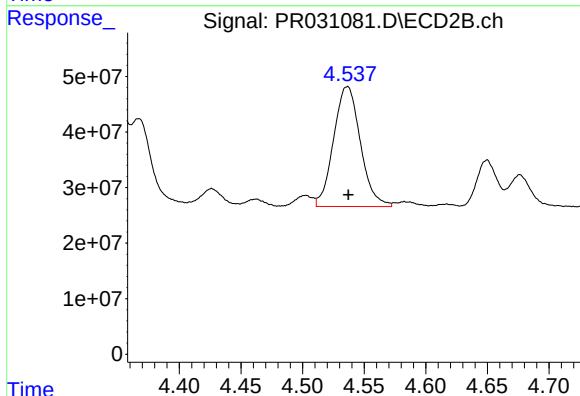
R.T.: 4.059 min
Delta R.T.: 0.000 min
Response: 171235020
Conc: 221.12 ng/ml



#11 AR-1232-1

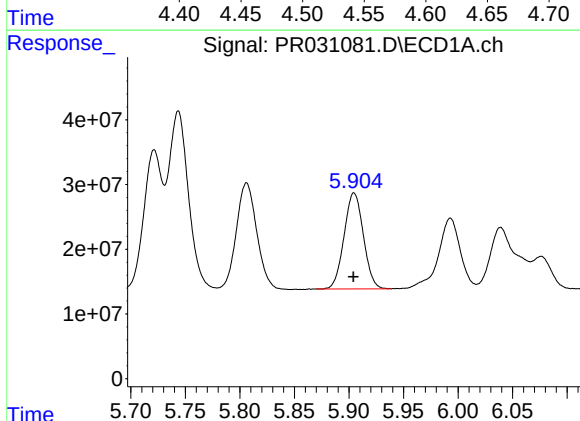
R.T.: 5.744 min
Delta R.T.: 0.000 min
Response: 348628328
Conc: 870.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



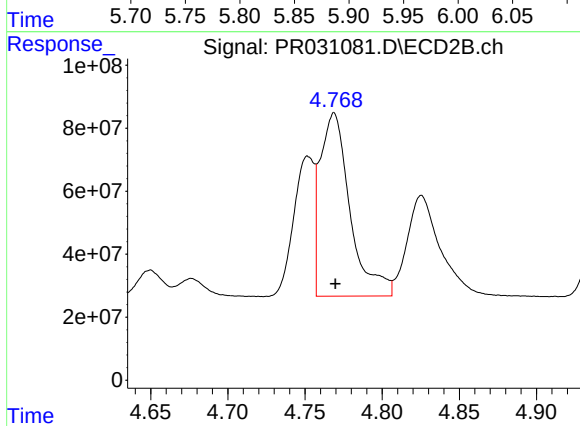
#11 AR-1232-1

R.T.: 4.537 min
Delta R.T.: 0.000 min
Response: 327185971
Conc: 910.82 ng/ml



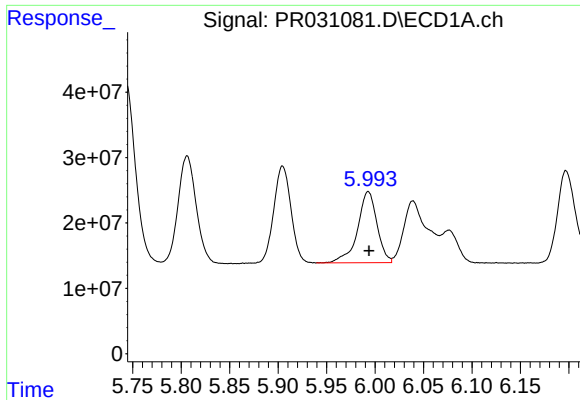
#12 AR-1232-2

R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 182859135
Conc: 868.48 ng/ml



#12 AR-1232-2

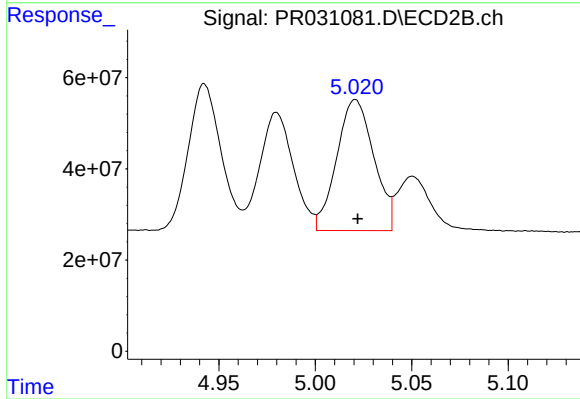
R.T.: 4.769 min
Delta R.T.: 0.000 min
Response: 786221180
Conc: 876.23 ng/ml



#13 AR-1232-3

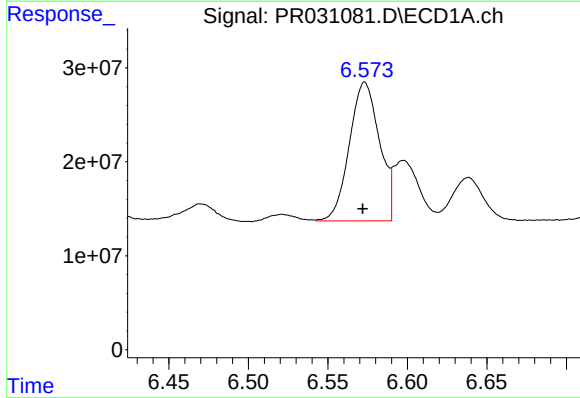
R.T.: 5.993 min
Delta R.T.: 0.000 min
Response: 152288964
Conc: 895.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



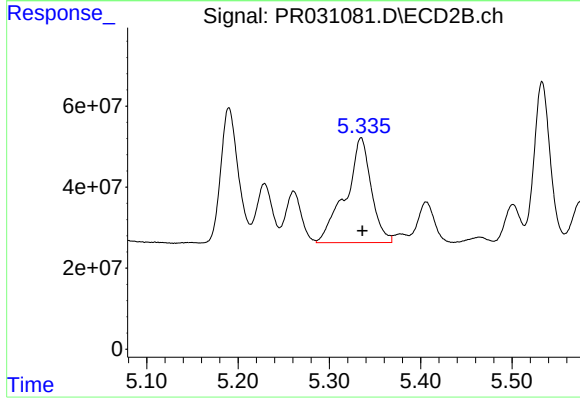
#13 AR-1232-3

R.T.: 5.021 min
Delta R.T.: -0.001 min
Response: 384994405
Conc: 879.33 ng/ml



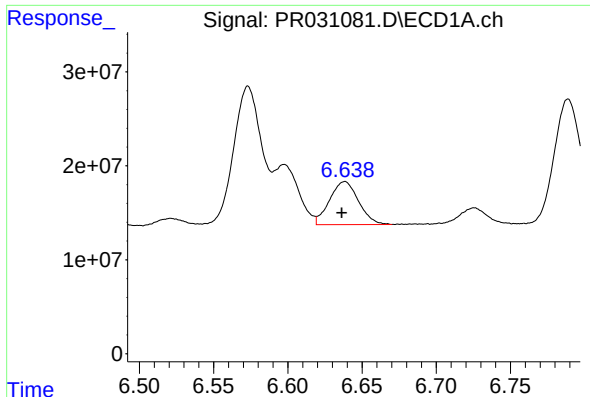
#14 AR-1232-4

R.T.: 6.573 min
Delta R.T.: 0.001 min
Response: 194542988
Conc: 996.70 ng/ml



#14 AR-1232-4

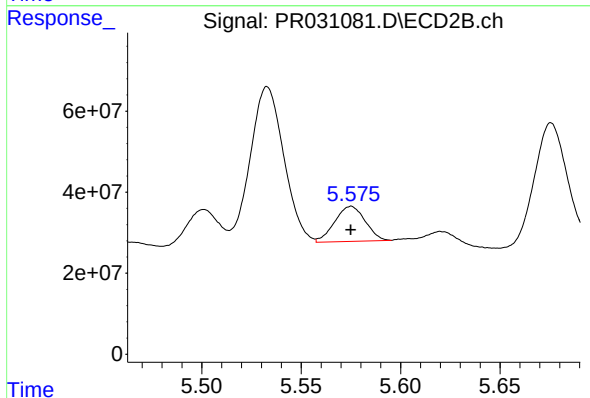
R.T.: 5.335 min
Delta R.T.: -0.002 min
Response: 503590554
Conc: 1368.29 ng/ml



#15 AR-1232-5

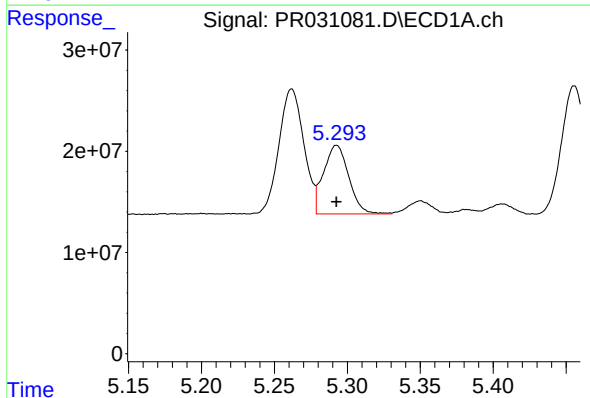
R.T.: 6.638 min
Delta R.T.: 0.002 min
Response: 62307193
Conc: 234.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



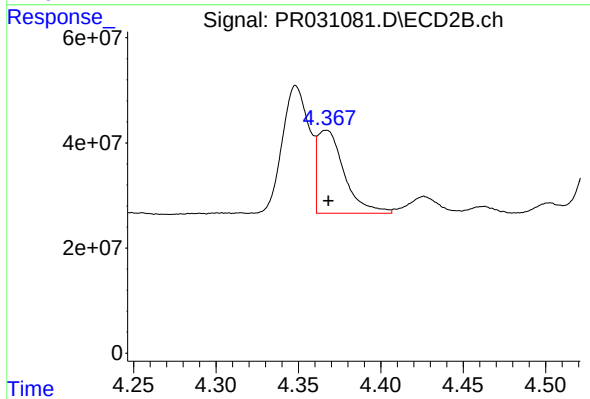
#15 AR-1232-5

R.T.: 5.575 min
Delta R.T.: 0.000 min
Response: 93044950
Conc: 171.02 ng/ml



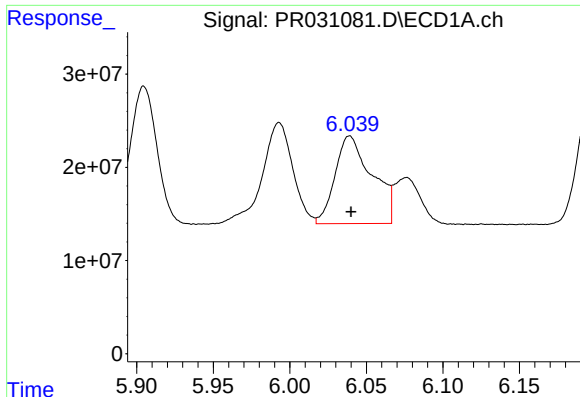
#16 AR-1242-1

R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 81708189
Conc: 452.34 ng/ml



#16 AR-1242-1

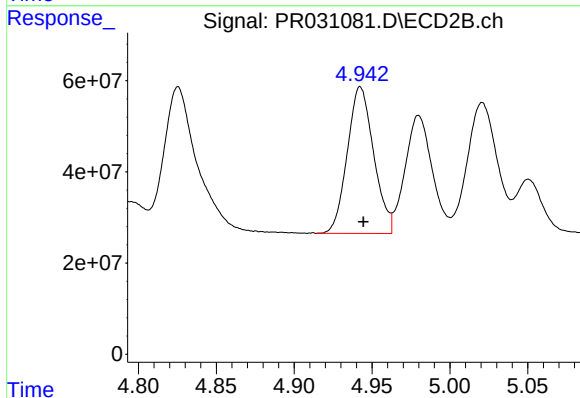
R.T.: 4.367 min
Delta R.T.: -0.001 min
Response: 179728353
Conc: 476.39 ng/ml



#17 AR-1242-2

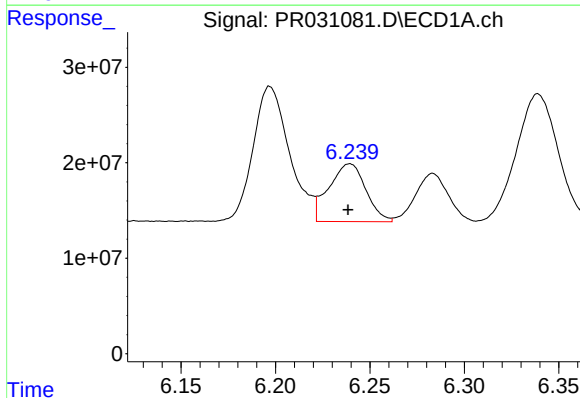
R.T.: 6.039 min
Delta R.T.: 0.000 min
Response: 158353722
Conc: 458.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



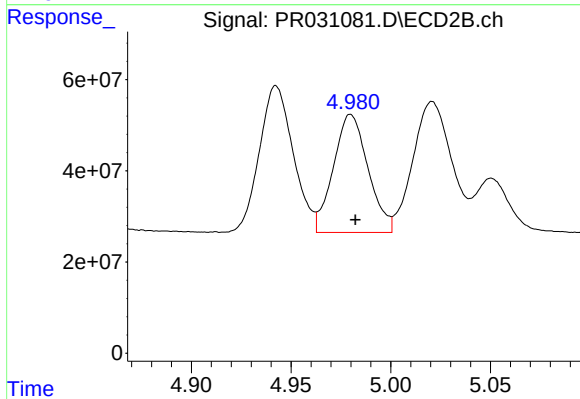
#17 AR-1242-2

R.T.: 4.942 min
Delta R.T.: -0.002 min
Response: 379434760
Conc: 493.86 ng/ml



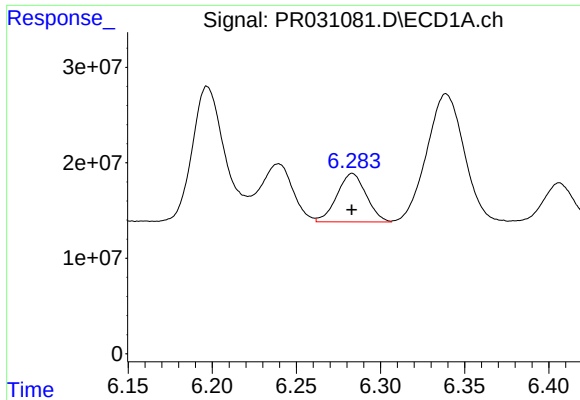
#18 AR-1242-3

R.T.: 6.239 min
Delta R.T.: 0.000 min
Response: 82365138
Conc: 446.68 ng/ml



#18 AR-1242-3

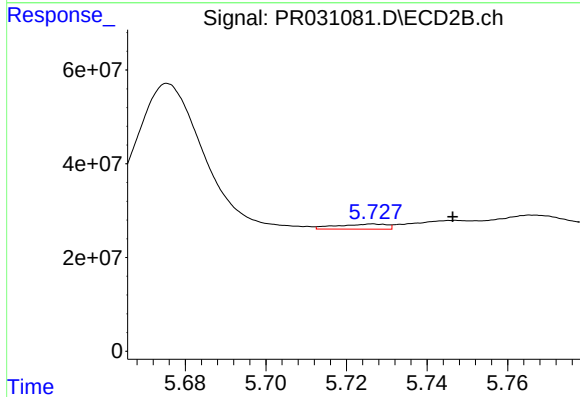
R.T.: 4.980 min
Delta R.T.: -0.002 min
Response: 314063538
Conc: 476.85 ng/ml



#19 AR-1242-4

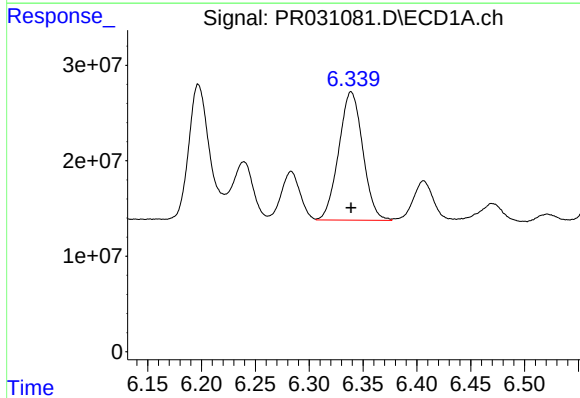
R.T.: 6.283 min
Delta R.T.: 0.000 min
Response: 61316035
Conc: 481.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



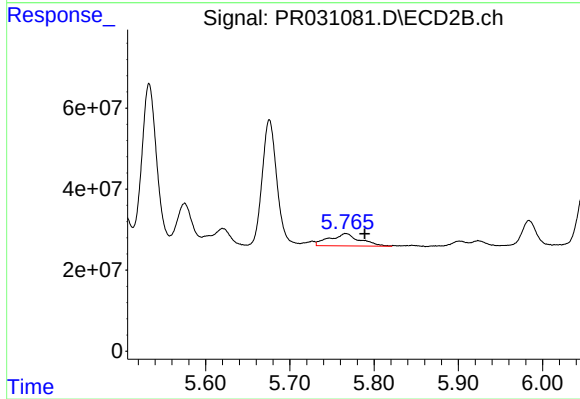
#19 AR-1242-4

R.T.: 5.727 min
Delta R.T.: -0.019 min
Response: 9427823
Conc: 9.45 ng/ml



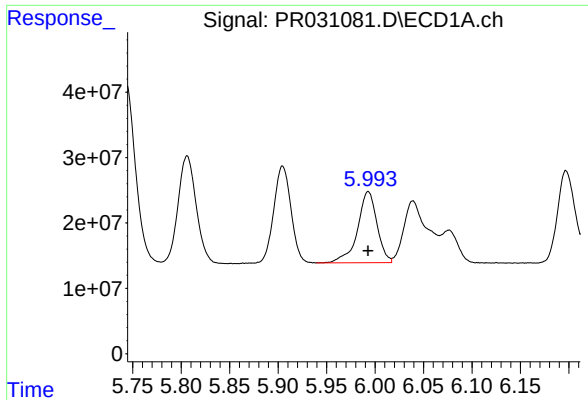
#20 AR-1242-5

R.T.: 6.339 min
Delta R.T.: 0.000 min
Response: 208758644
Conc: 461.06 ng/ml



#20 AR-1242-5

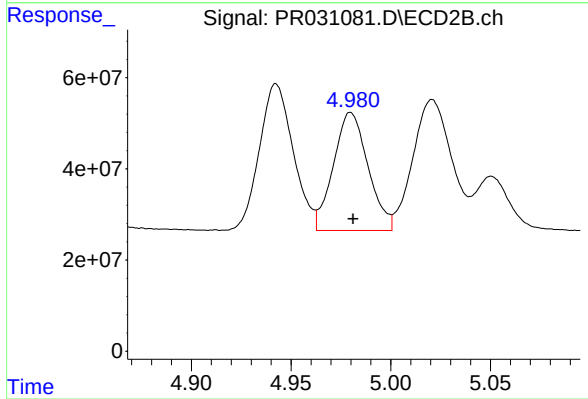
R.T.: 5.766 min
Delta R.T.: -0.022 min
Response: 76982953
Conc: 113.46 ng/ml



#21 AR-1248-1

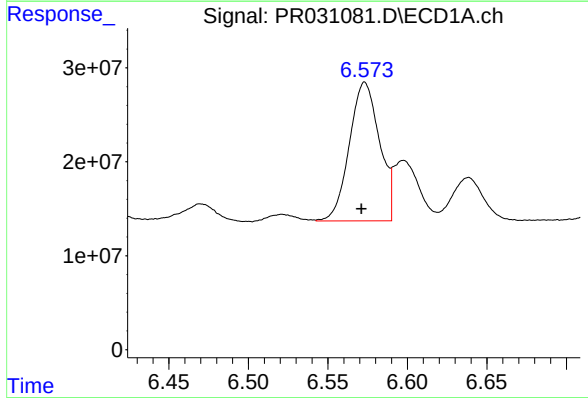
R.T.: 5.993 min
Delta R.T.: 0.000 min
Response: 152288964
Conc: 218.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



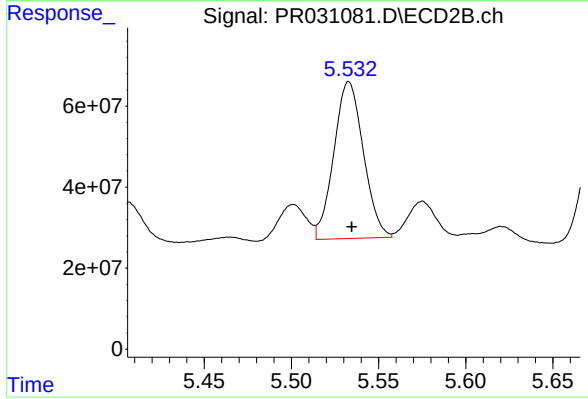
#21 AR-1248-1

R.T.: 4.980 min
Delta R.T.: -0.001 min
Response: 314063538
Conc: 220.03 ng/ml



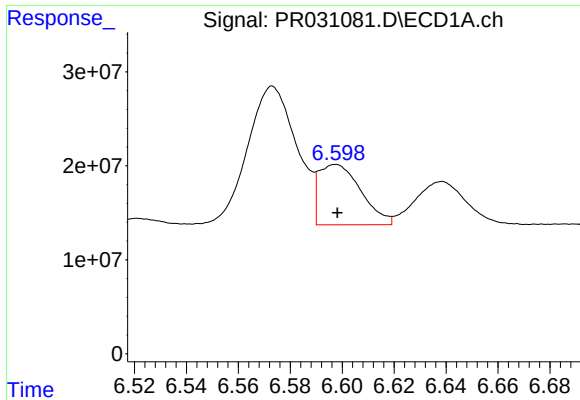
#22 AR-1248-2

R.T.: 6.573 min
Delta R.T.: 0.002 min
Response: 194542988
Conc: 254.23 ng/ml



#22 AR-1248-2

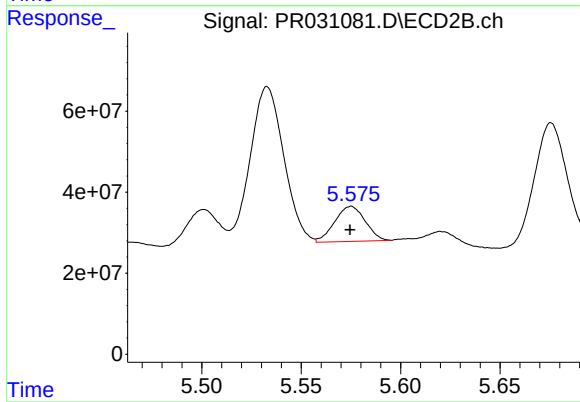
R.T.: 5.533 min
Delta R.T.: -0.002 min
Response: 456724819
Conc: 150.54 ng/ml



#23 AR-1248-3

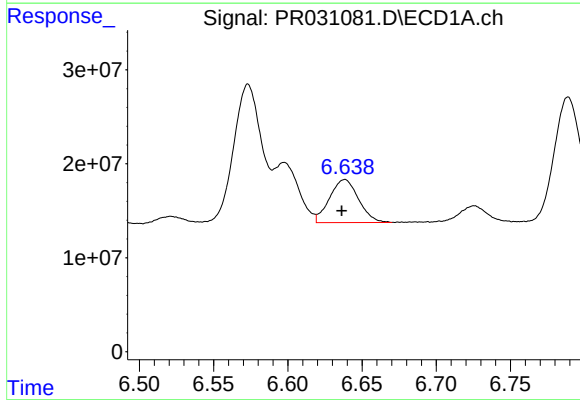
R.T.: 6.597 min
Delta R.T.: 0.000 min
Response: 72380900
Conc: 68.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



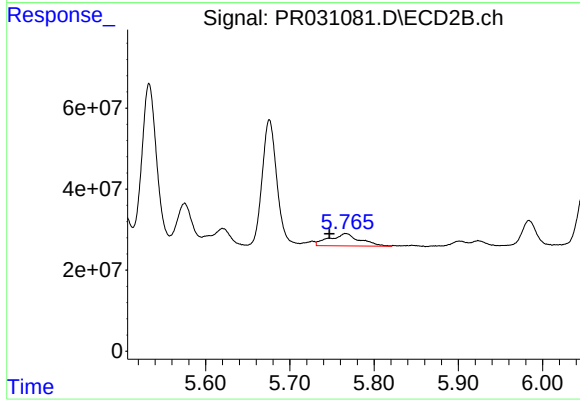
#23 AR-1248-3

R.T.: 5.575 min
Delta R.T.: 0.000 min
Response: 93044950
Conc: 42.36 ng/ml



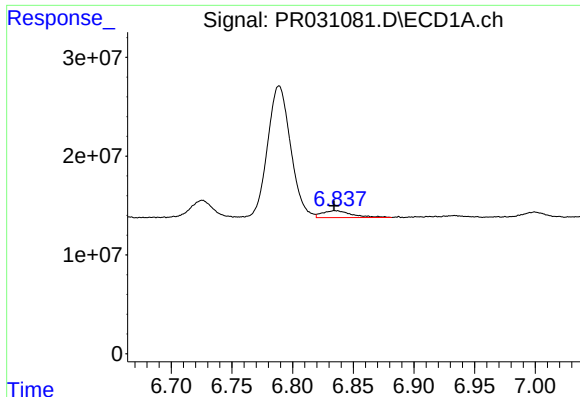
#24 AR-1248-4

R.T.: 6.638 min
Delta R.T.: 0.002 min
Response: 62307193
Conc: 62.90 ng/ml



#24 AR-1248-4

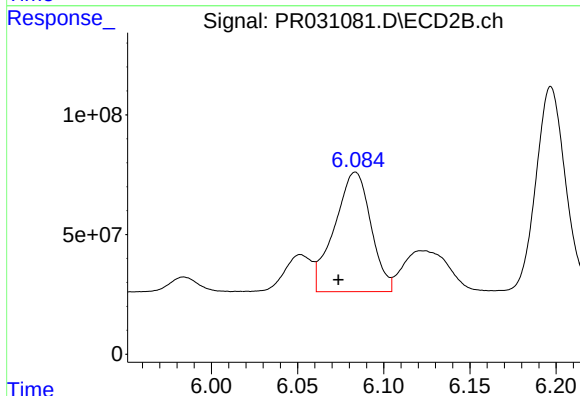
R.T.: 5.766 min
Delta R.T.: 0.019 min
Response: 76982953
Conc: 39.08 ng/ml



#25 AR-1248-5

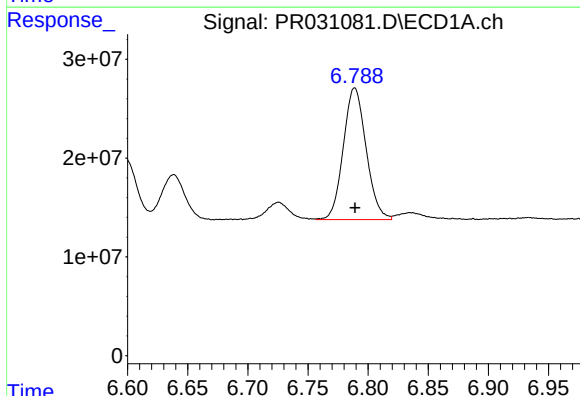
R.T.: 6.835 min
Delta R.T.: 0.001 min
Response: 11841765
Conc: 17.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



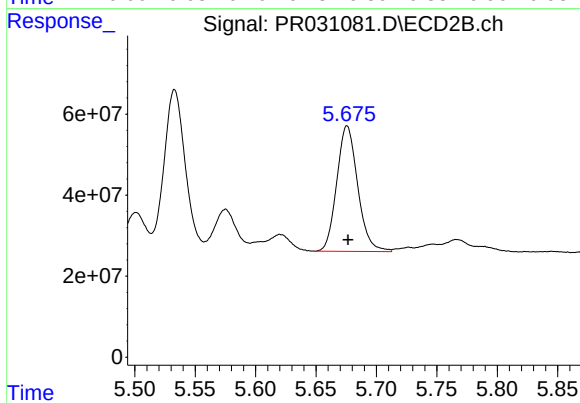
#25 AR-1248-5

R.T.: 6.084 min
Delta R.T.: 0.010 min
Response: 733058591
Conc: 473.91 ng/ml



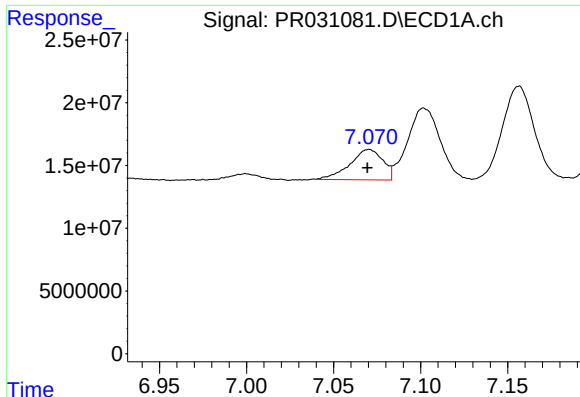
#26 AR-1254-1

R.T.: 6.789 min
Delta R.T.: 0.000 min
Response: 176294094
Conc: 115.96 ng/ml



#26 AR-1254-1

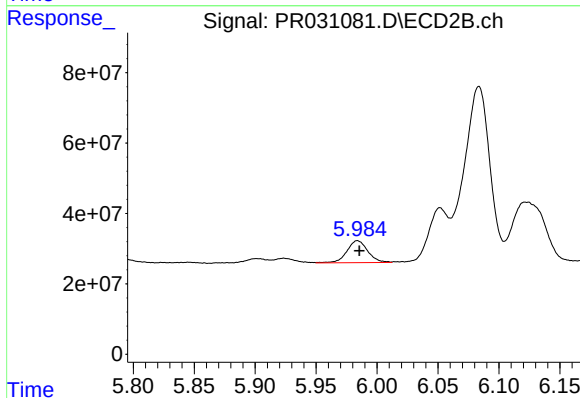
R.T.: 5.676 min
Delta R.T.: 0.000 min
Response: 374207294
Conc: 139.10 ng/ml



#27 AR-1254-2

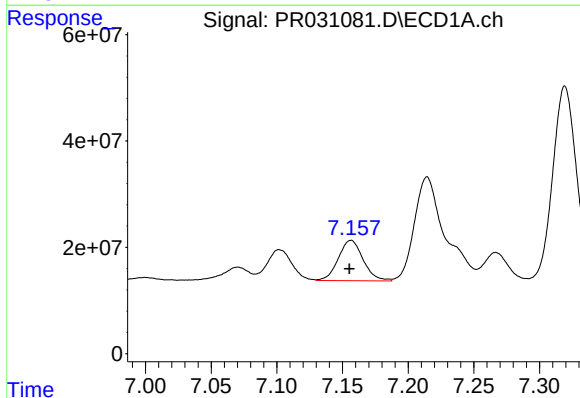
R.T.: 7.070 min
Delta R.T.: 0.000 min
Response: 31853342
Conc: 34.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



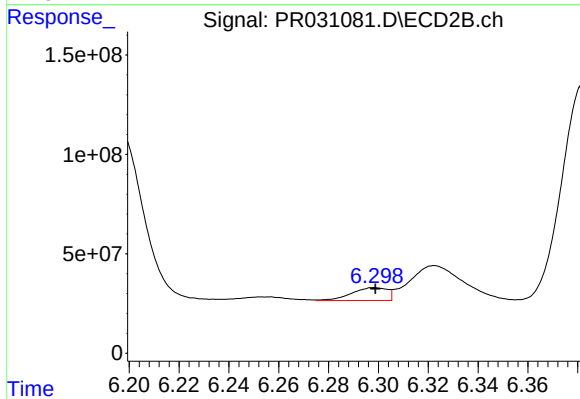
#27 AR-1254-2

R.T.: 5.984 min
Delta R.T.: -0.002 min
Response: 74387073
Conc: 33.34 ng/ml



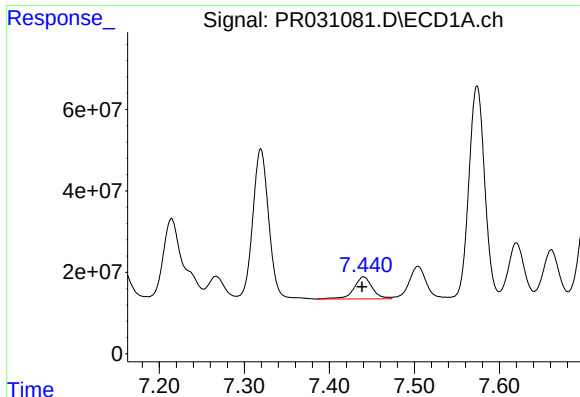
#28 AR-1254-3

R.T.: 7.156 min
Delta R.T.: 0.001 min
Response: 99741011
Conc: 58.34 ng/ml



#28 AR-1254-3

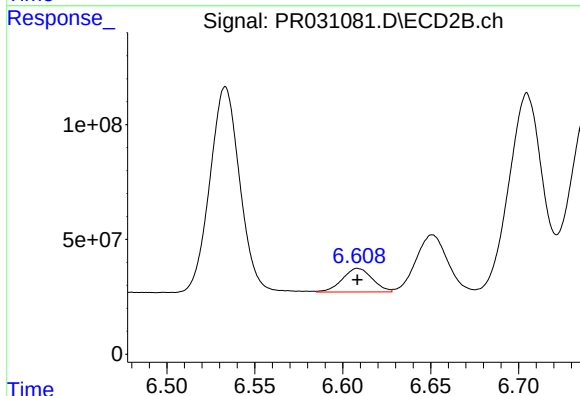
R.T.: 6.298 min
Delta R.T.: 0.000 min
Response: 64640550
Conc: 18.20 ng/ml



#29 AR-1254-4

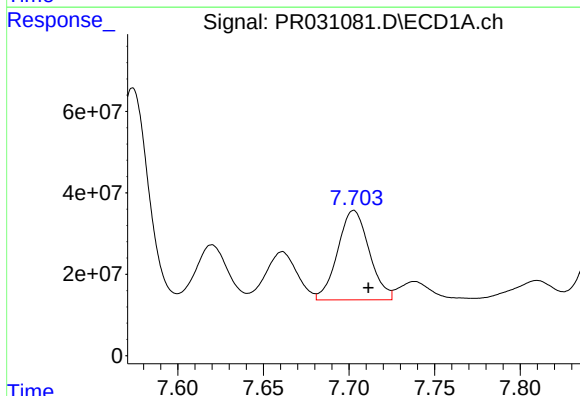
R.T.: 7.440 min
Delta R.T.: 0.002 min
Response: 81646086
Conc: 54.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



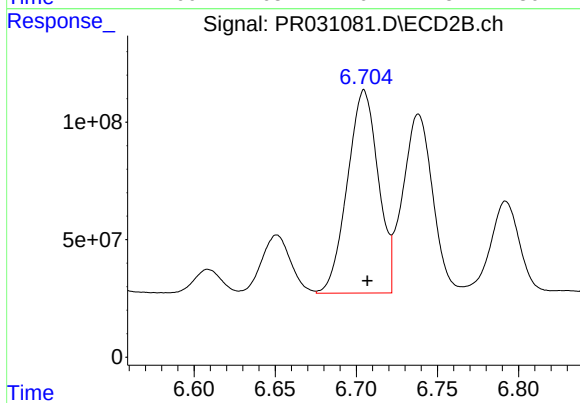
#29 AR-1254-4

R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 122223550
Conc: 66.00 ng/ml



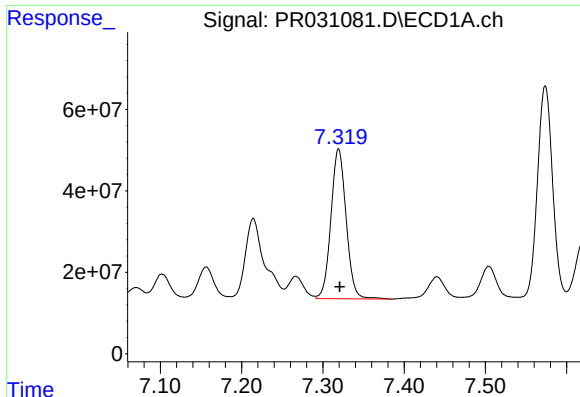
#30 AR-1254-5

R.T.: 7.703 min
Delta R.T.: -0.009 min
Response: 281884665
Conc: 262.14 ng/ml



#30 AR-1254-5

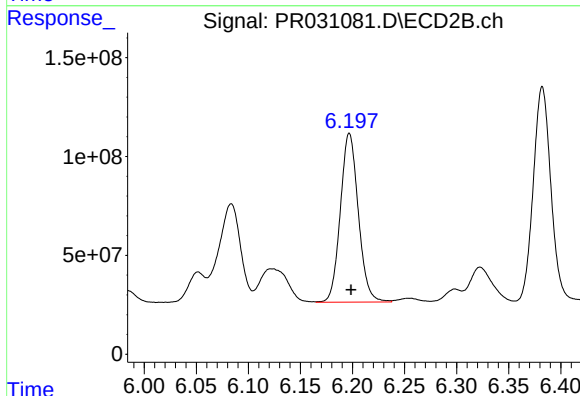
R.T.: 6.705 min
Delta R.T.: -0.002 min
Response: 1142858996
Conc: 330.51 ng/ml



#31 AR-1260-1

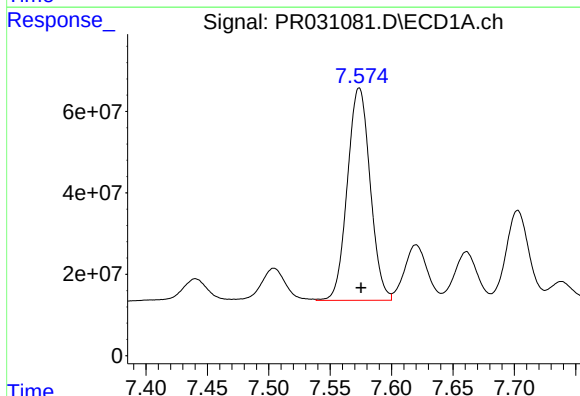
R.T.: 7.319 min
Delta R.T.: -0.001 min
Response: 478410711
Conc: 412.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



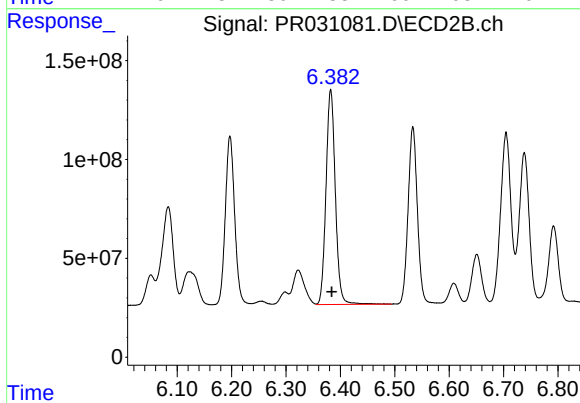
#31 AR-1260-1

R.T.: 6.197 min
Delta R.T.: -0.002 min
Response: 1026710015
Conc: 389.60 ng/ml



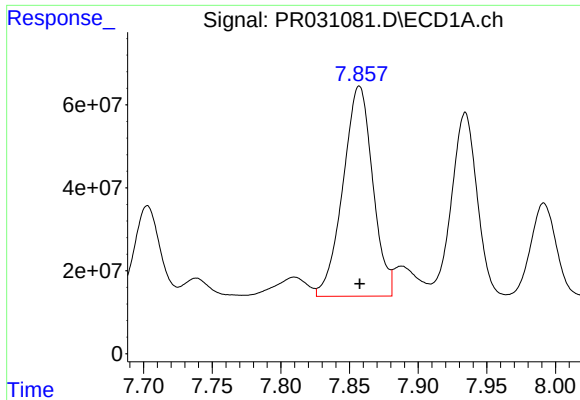
#32 AR-1260-2

R.T.: 7.574 min
Delta R.T.: -0.001 min
Response: 675067568
Conc: 399.89 ng/ml



#32 AR-1260-2

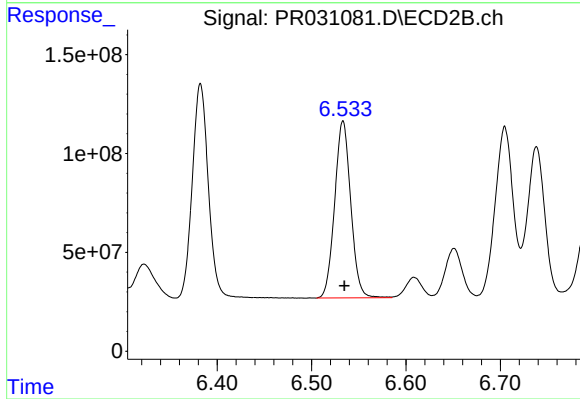
R.T.: 6.382 min
Delta R.T.: -0.002 min
Response: 1297733493
Conc: 396.17 ng/ml



#33 AR-1260-3

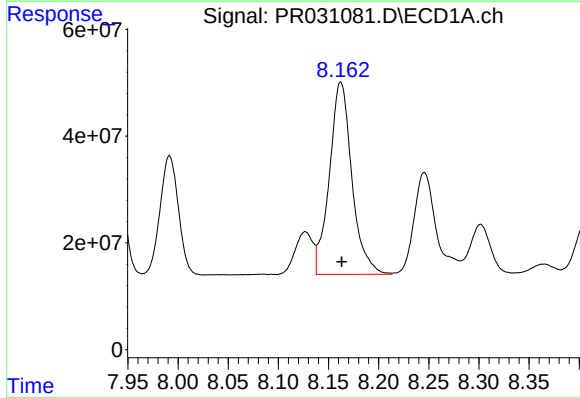
R.T.: 7.857 min
Delta R.T.: 0.000 min
Response: 764285345
Conc: 397.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



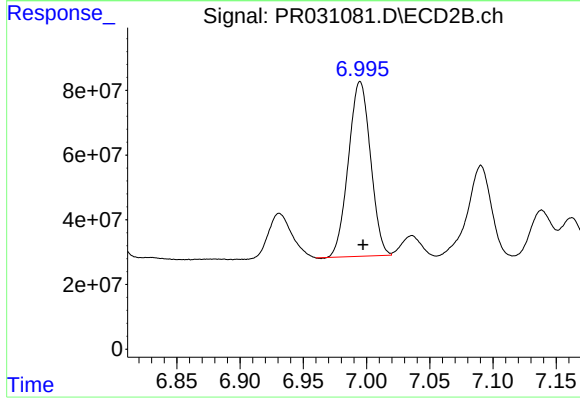
#33 AR-1260-3

R.T.: 6.533 min
Delta R.T.: -0.001 min
Response: 1061621184
Conc: 390.28 ng/ml



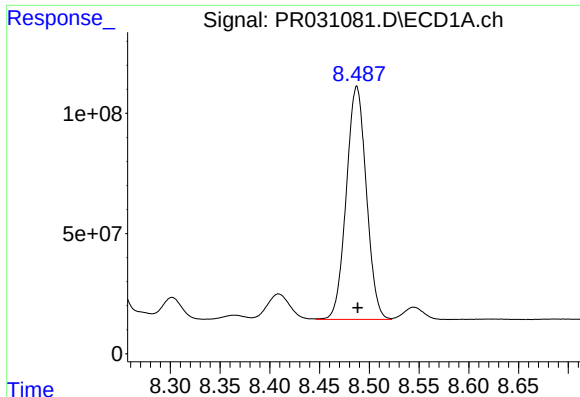
#34 AR-1260-4

R.T.: 8.162 min
Delta R.T.: 0.000 min
Response: 561846725
Conc: 401.00 ng/ml



#34 AR-1260-4

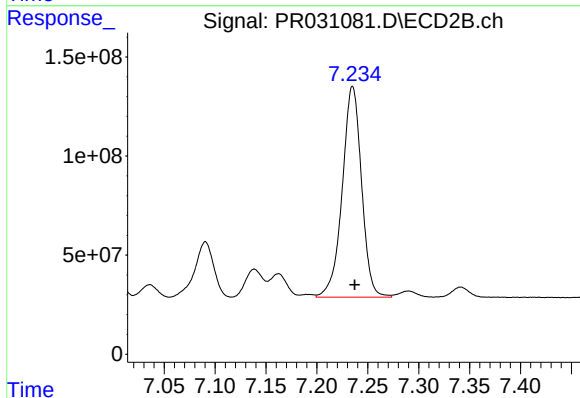
R.T.: 6.995 min
Delta R.T.: -0.002 min
Response: 656809553
Conc: 379.97 ng/ml



#35 AR-1260-5

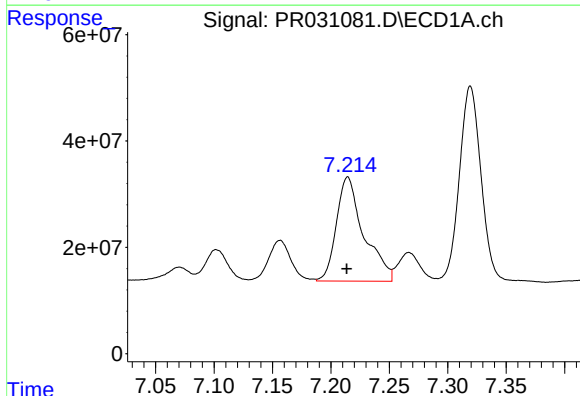
R.T.: 8.487 min
Delta R.T.: 0.000 min
Response: 1360864681
Conc: 388.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



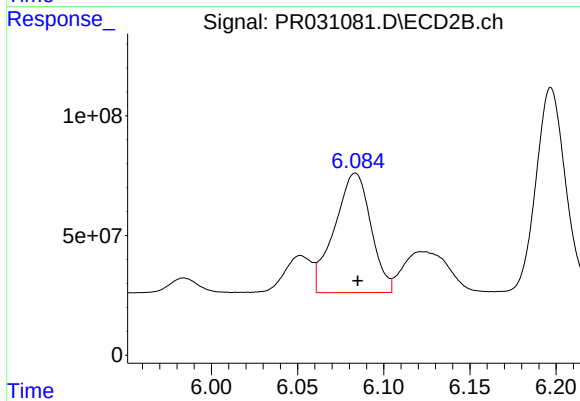
#35 AR-1260-5

R.T.: 7.235 min
Delta R.T.: -0.002 min
Response: 1402940472
Conc: 378.40 ng/ml



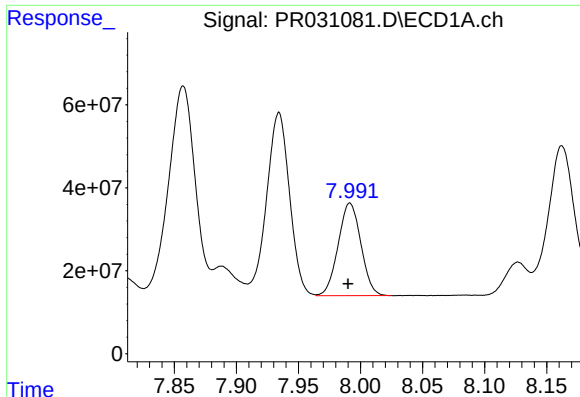
#36 AR-1262-1

R.T.: 7.214 min
Delta R.T.: 0.000 min
Response: 319055683
Conc: 351.93 ng/ml



#36 AR-1262-1

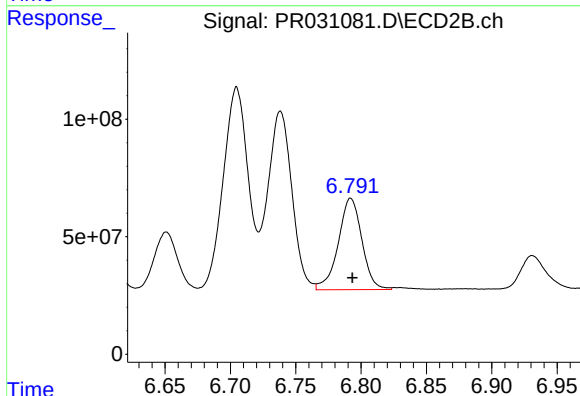
R.T.: 6.084 min
Delta R.T.: -0.001 min
Response: 733058591
Conc: 381.44 ng/ml



#37 AR-1262-2

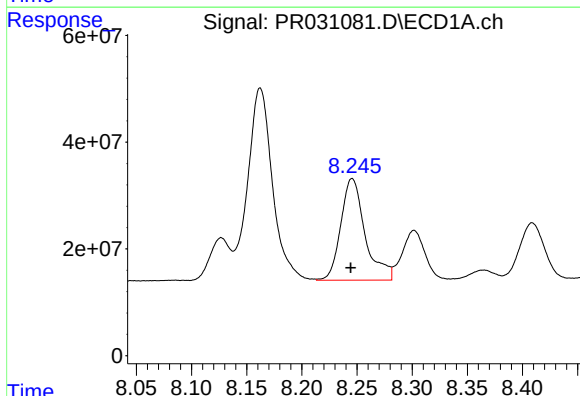
R.T.: 7.991 min
Delta R.T.: 0.002 min
Response: 284491309
Conc: 308.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



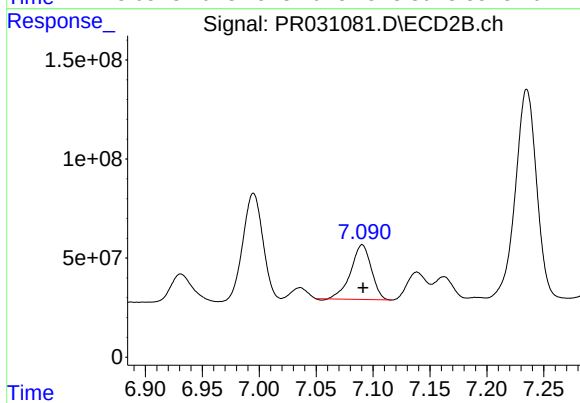
#37 AR-1262-2

R.T.: 6.792 min
Delta R.T.: -0.001 min
Response: 490255323
Conc: 280.04 ng/ml



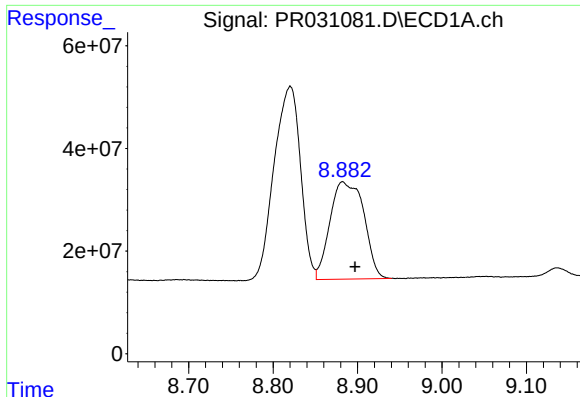
#38 AR-1262-3

R.T.: 8.246 min
Delta R.T.: 0.001 min
Response: 292066863
Conc: 367.46 ng/ml



#38 AR-1262-3

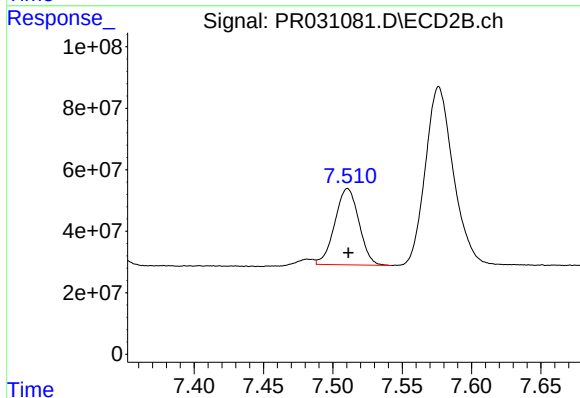
R.T.: 7.091 min
Delta R.T.: 0.000 min
Response: 346329253
Conc: 259.09 ng/ml



#39 AR-1262-4

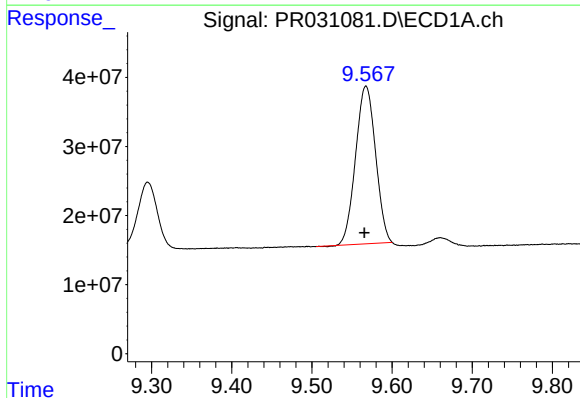
R.T.: 8.882 min
Delta R.T.: -0.015 min
Response: 528290039
Conc: 219.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



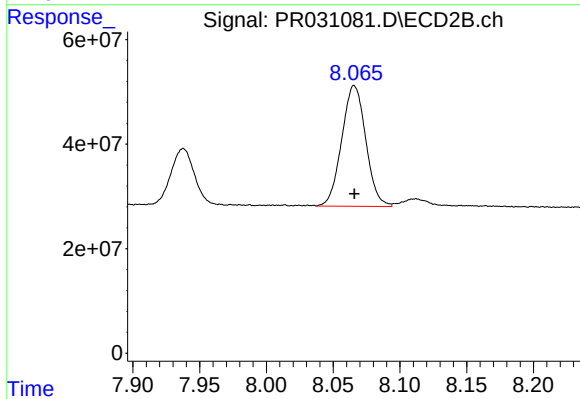
#39 AR-1262-4

R.T.: 7.511 min
Delta R.T.: 0.000 min
Response: 300216592
Conc: 148.04 ng/ml



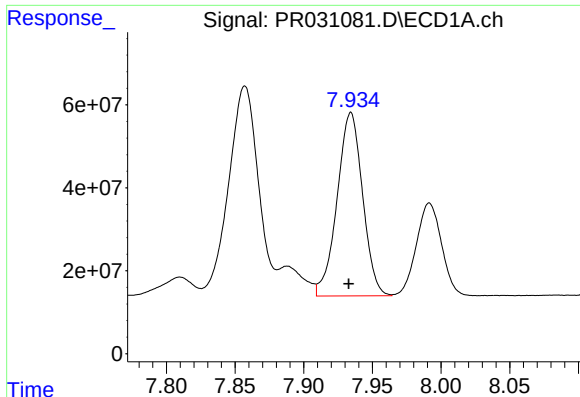
#40 AR-1262-5

R.T.: 9.567 min
Delta R.T.: 0.002 min
Response: 395955373
Conc: 225.49 ng/ml



#40 AR-1262-5

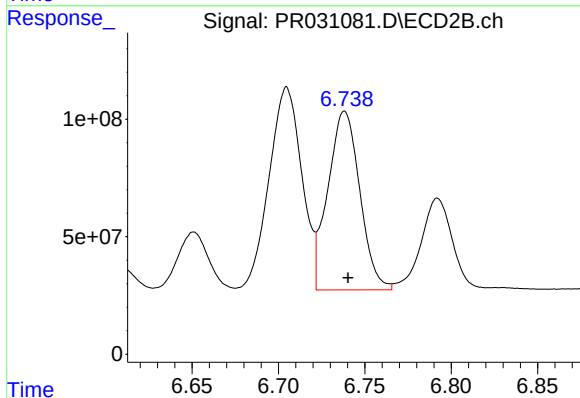
R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 289509011
Conc: 209.17 ng/ml



#41 AR-1268-1

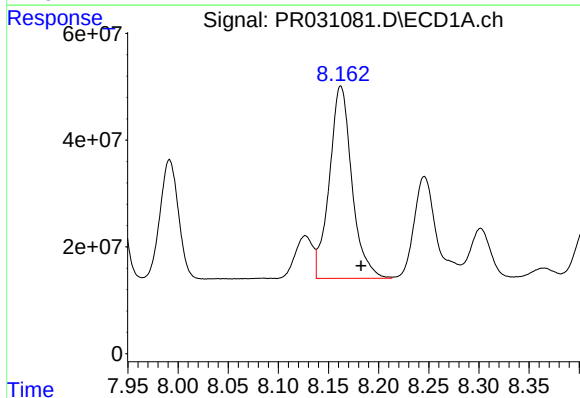
R.T.: 7.934 min
Delta R.T.: 0.002 min
Response: 571173148
Conc: 630.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



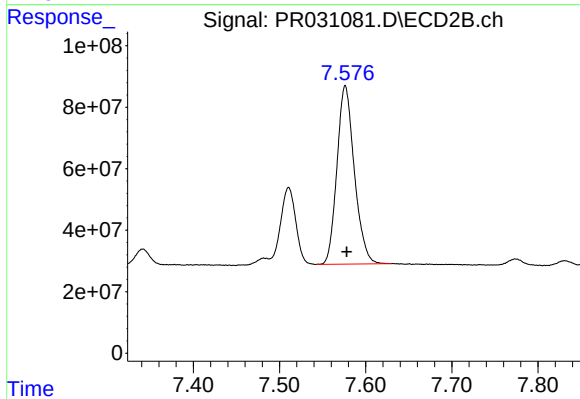
#41 AR-1268-1

R.T.: 6.738 min
Delta R.T.: -0.002 min
Response: 978963919
Conc: 596.06 ng/ml



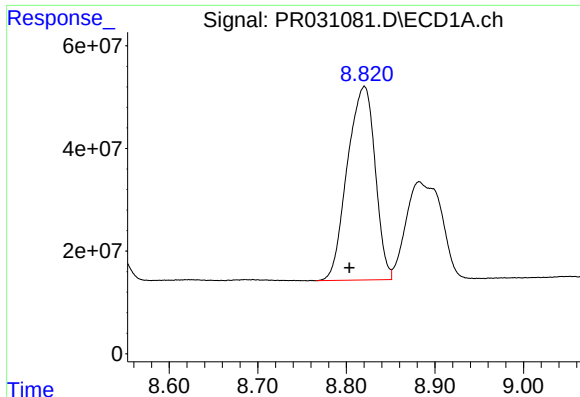
#42 AR-1268-2

R.T.: 8.162 min
Delta R.T.: -0.020 min
Response: 561846725
Conc: 439.07 ng/ml



#42 AR-1268-2

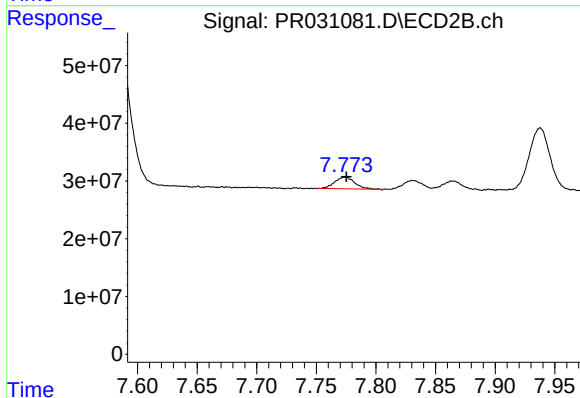
R.T.: 7.576 min
Delta R.T.: -0.002 min
Response: 813450718
Conc: 187.60 ng/ml



#43 AR-1268-3

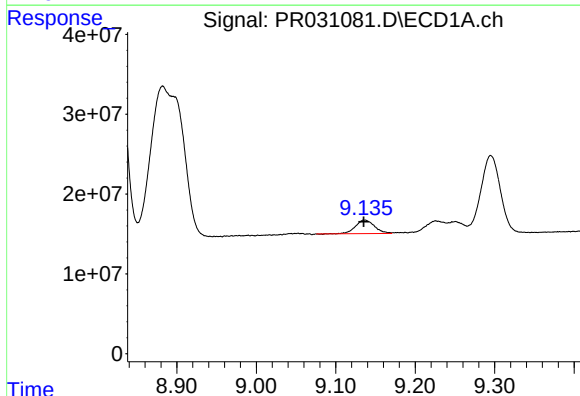
R.T.: 8.820 min
Delta R.T.: 0.017 min
Response: 821468769
Conc: 143.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



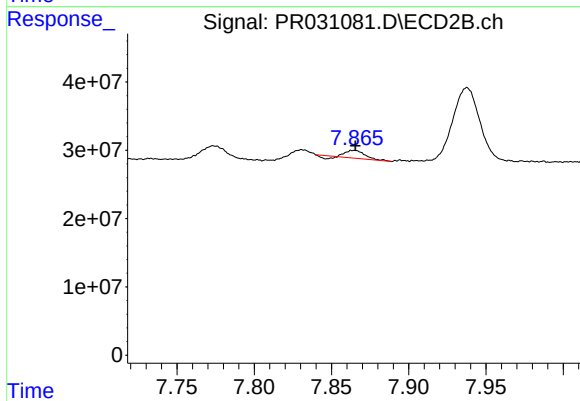
#43 AR-1268-3

R.T.: 7.774 min
Delta R.T.: -0.001 min
Response: 23301114
Conc: 6.59 ng/ml



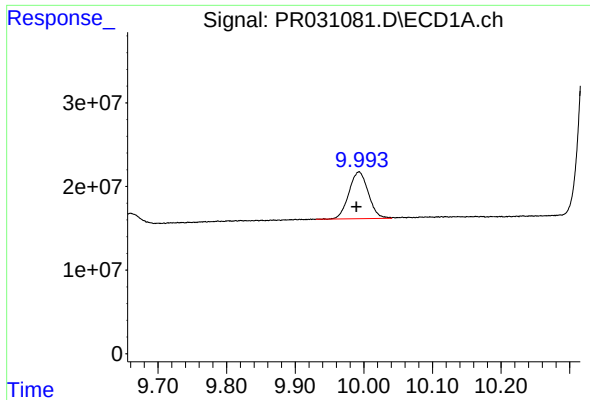
#44 AR-1268-4

R.T.: 9.136 min
Delta R.T.: 0.001 min
Response: 28342003
Conc: 6.08 ng/ml



#44 AR-1268-4

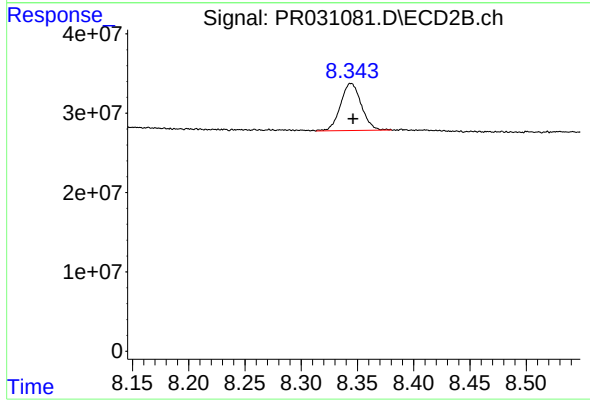
R.T.: 7.865 min
Delta R.T.: 0.000 min
Response: 8351194
Conc: 8.30 ng/ml



#45 AR-1268-5

R.T.: 9.993 min
Delta R.T.: 0.004 min
Response: 109475266
Conc: 7.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.344 min
Delta R.T.: -0.002 min
Response: 76717901
Conc: 8.87 ng/ml