

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR100519\
 Data File : PR041959.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Oct 2019 22:48
 Operator : SM\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1254368

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 07 04:11:44 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR100319CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 04 06:59:35 2019
 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...	4.719	3.983	86829853	335.9E6	21.345	21.966
2)	SA Decachlor...	10.635	9.095	106.9E6	362.5E6	31.097	36.568
Target Compounds							
3)	L1 AR-1016-1	5.896	5.081	1867664	7841259	13.009	14.425
4)	L1 AR-1016-2	5.921	5.102	2268726	6080417	11.094	8.424
5)	L1 AR-1016-3	5.982	5.281	1024843	4679313	8.430	12.832 #
6)	L1 AR-1016-4	6.082	5.319	1041148	126.2E6	10.237	454.744 #
7)	L1 AR-1016-5	6.376	5.536	22167724	64805745	222.633	209.583
9)	L2 AR-1221-2	5.030	4.290	1308883	3835871	45.113	31.212 #
10)	L2 AR-1221-3	5.093	4.362	481496	2312429	4.949	5.937
11)	L3 AR-1232-1	5.093	4.362	481496	2312429	5.754	6.787
12)	L3 AR-1232-2	5.629	5.102	843558	6080417	19.582	17.856
13)	L3 AR-1232-3	5.921	5.281	2268726	4679313	25.232	27.785
14)	L3 AR-1232-4	6.082	5.362	1041148	36884337	23.395	258.948 #
15)	L3 AR-1232-5	6.168	5.536	37694039	64805745	1147.402	480.930 #
16)	L4 AR-1242-1	5.896	5.081	1867664	7841259	16.936	18.463
17)	L4 AR-1242-2	5.921	5.102	2268726	6080417	14.613	10.684 #
18)	L4 AR-1242-3	5.982	5.281	1024843	4679313	10.922	16.213 #
19)	L4 AR-1242-4	6.082	5.362	1041148	36884337	13.402	141.688 #
20)	L4 AR-1242-5	6.822	5.891	20655194	235.4E6	235.984	887.477 #
21)	L5 AR-1248-1	5.896	5.081	1867664	7841259	22.445	24.057
22)	L5 AR-1248-2	6.168	5.319	37694039	126.2E6	328.476	338.808
23)	L5 AR-1248-3	6.376	5.362	22167724	36884337	170.972	98.537 #
24)	L5 AR-1248-4	6.779	5.536	32603292	64805745	212.473	162.716
25)	L5 AR-1248-5	6.822	5.932	20655194	32122213	142.657	91.972 #
26)	L6 AR-1254-1	6.753	5.891	68725517	235.4E6	420.824	444.452
27)	L6 AR-1254-2	6.970	6.037	104.8E6	218.6E6	422.509	436.065
28)	L6 AR-1254-3	7.340	6.445	109.7E6	402.1E6	406.428	426.238
29)	L6 AR-1254-4	7.625	6.672	79745881	284.8E6	392.921	430.168
30)	L6 AR-1254-5	8.044	7.092	82655942	350.1E6	388.688	407.704
31)	L7 AR-1260-1	7.502	6.575	41378056	197.1E6	218.393	332.540 #
32)	L7 AR-1260-2	7.756	6.761	46217272	173.3E6	195.536	212.555
33)	L7 AR-1260-3	8.108	6.917	9954887	166.9E6	53.028	241.400 #
34)	L7 AR-1260-4	8.347	7.391	30769599	15127809	153.108	26.069 #
35)	L7 AR-1260-5	8.695	7.629	10409811	37783987	24.047	23.239
36)	L8 AR-1262-1	8.178	7.092	2683175	350.1E6	28.505	803.320 #
37)	L8 AR-1262-2	8.695	7.629	10409811	37783987	24.134	21.948
38)	L8 AR-1262-3	9.048	7.916	8616067	1469803	30.910	2.252 #
39)	L8 AR-1262-4	9.099	7.978	1911363	33870343	9.330	28.985 #
40)	L8 AR-1262-5	0.000	8.498	0	1717621	N.D.	3.211 #
41)	L9 AR-1268-1	9.048	7.916	8616067	1469803	15.687	0.670 #
42)	L9 AR-1268-2	9.099	7.978	1911363	33870343	3.844	17.022 #

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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
43) L9	AR-1268-3	0.000	8.237f	0	1785393	N.D.	1.065 #
44) L9	AR-1268-4	0.000	8.498	0	1717621	N.D.	2.662 #
45) L9	AR-1268-5	10.274	8.814	803265	2524421	0.616	0.550

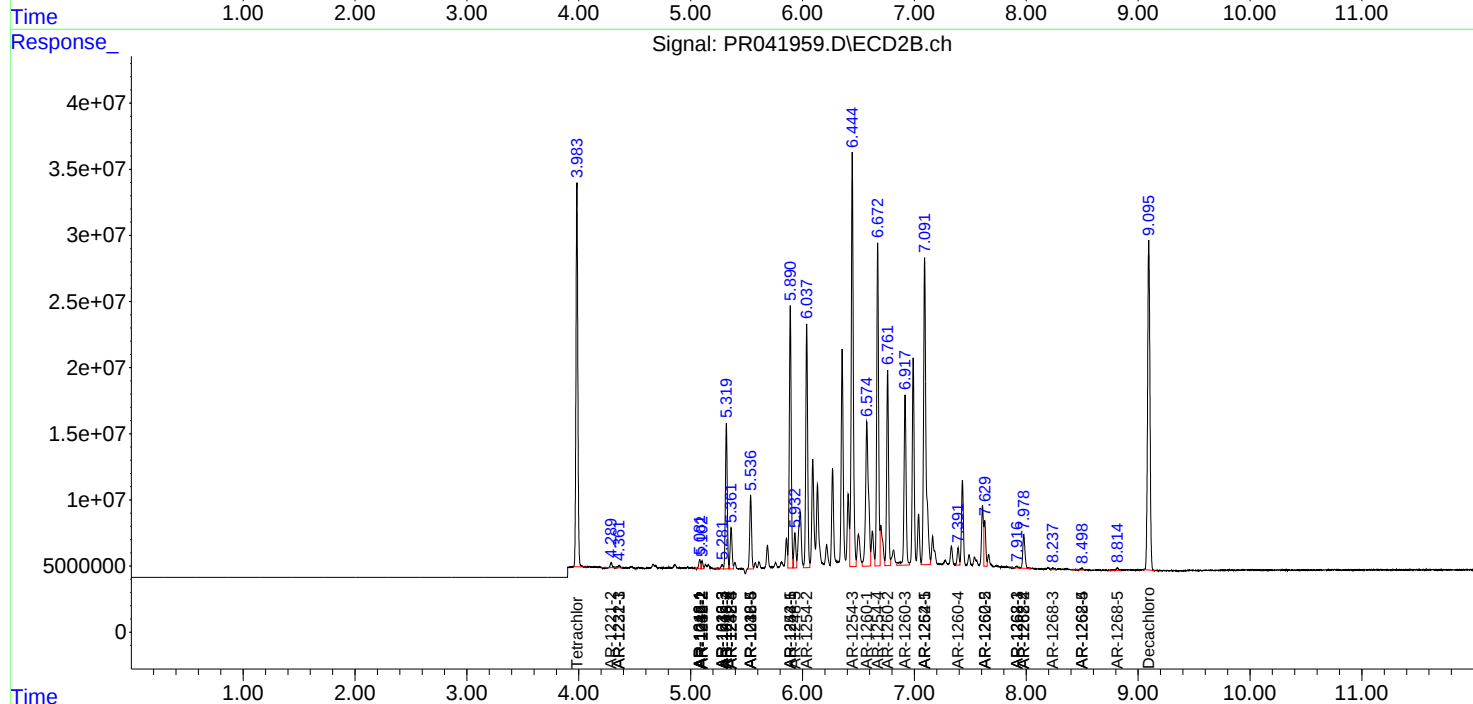
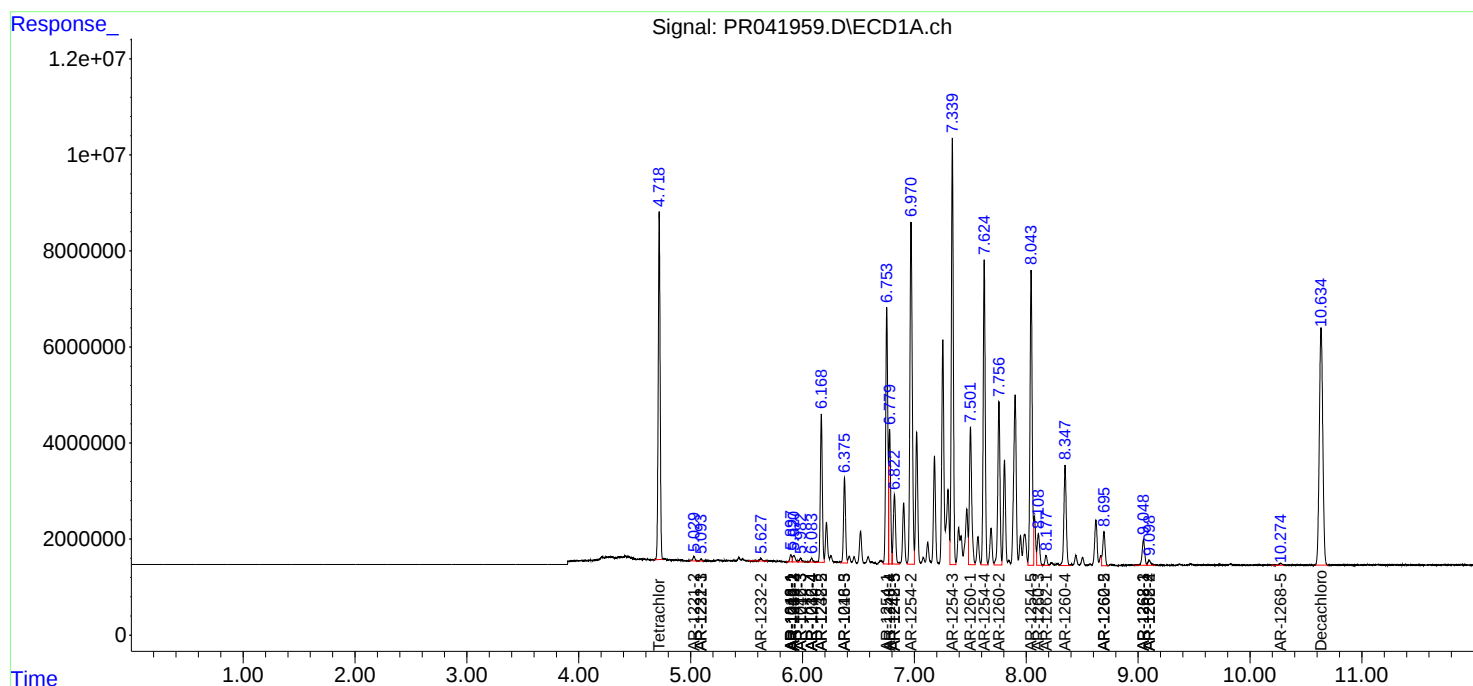
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

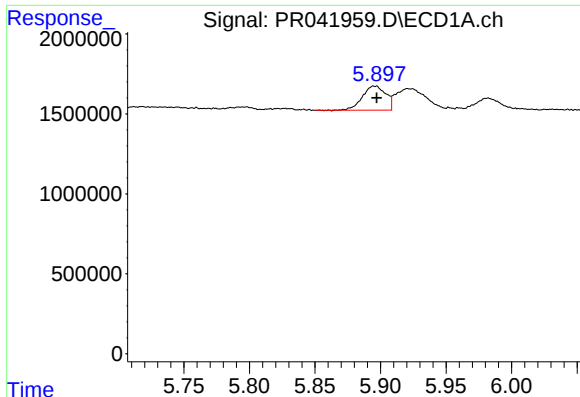
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QLast Update : Fri Oct 04 06:59:35 2019
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

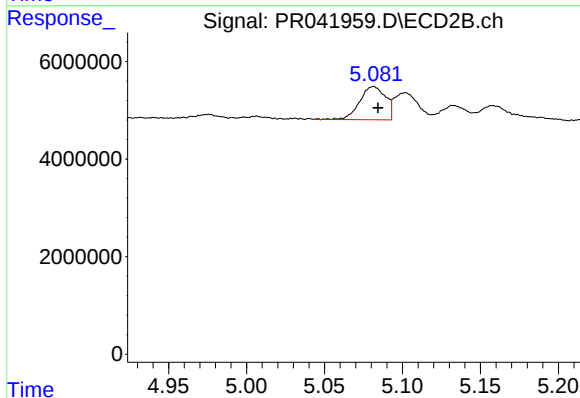




#3 AR-1016-1

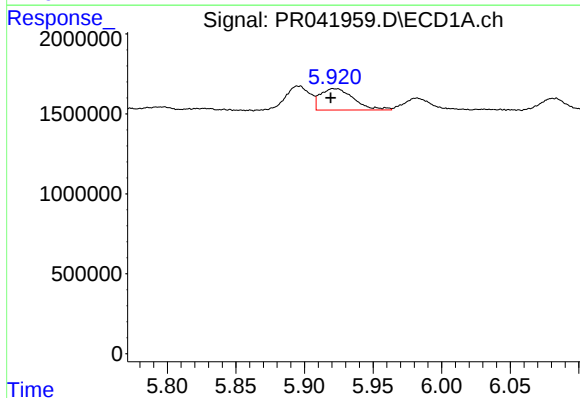
R.T.: 5.896 min
Delta R.T.: -0.001 min
Response: 1867664
Conc: 13.01 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254368



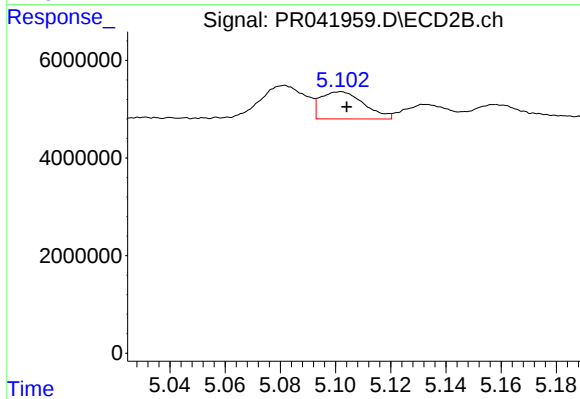
#3 AR-1016-1

R.T.: 5.081 min
Delta R.T.: -0.003 min
Response: 7841259
Conc: 14.42 ng/ml



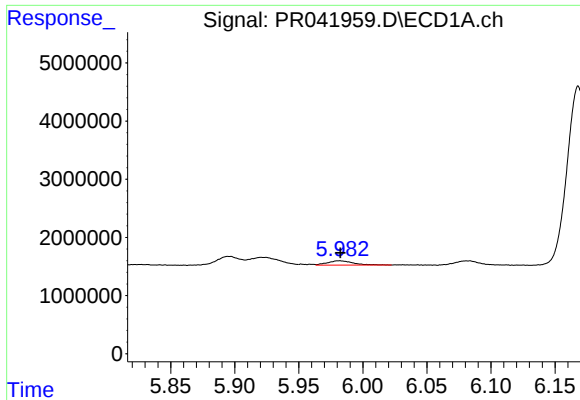
#4 AR-1016-2

R.T.: 5.921 min
Delta R.T.: 0.002 min
Response: 2268726
Conc: 11.09 ng/ml



#4 AR-1016-2

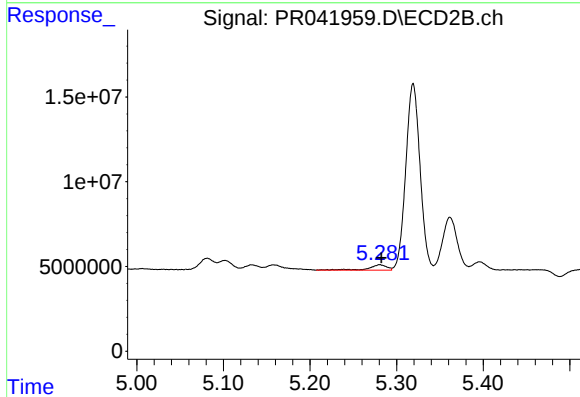
R.T.: 5.102 min
Delta R.T.: -0.002 min
Response: 6080417
Conc: 8.42 ng/ml



#5 AR-1016-3

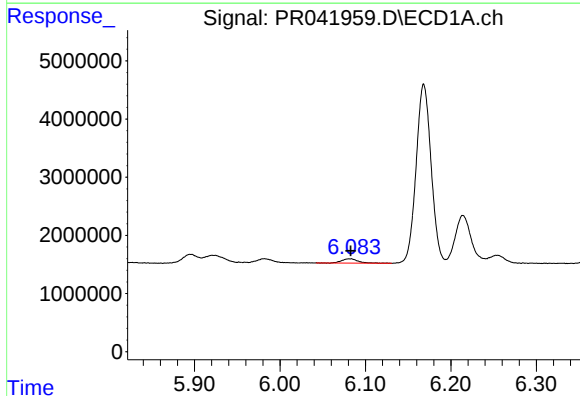
R.T.: 5.982 min
Delta R.T.: 0.000 min
Response: 1024843
Conc: 8.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254368



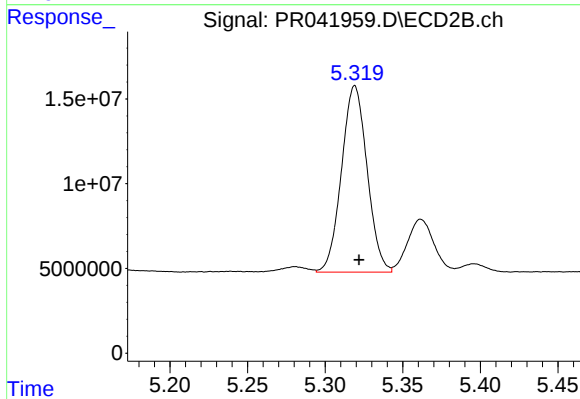
#5 AR-1016-3

R.T.: 5.281 min
Delta R.T.: -0.002 min
Response: 4679313
Conc: 12.83 ng/ml



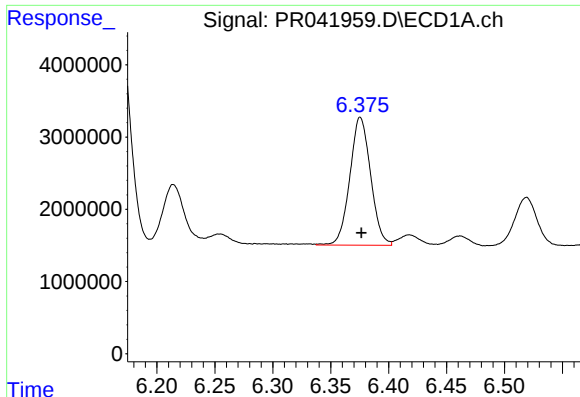
#6 AR-1016-4

R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 1041148
Conc: 10.24 ng/ml



#6 AR-1016-4

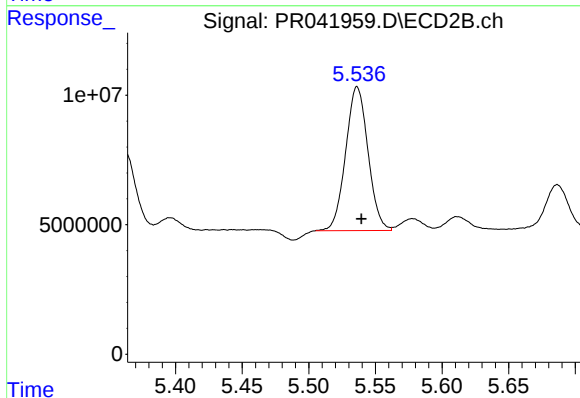
R.T.: 5.319 min
Delta R.T.: -0.003 min
Response: 126196098
Conc: 454.74 ng/ml



#7 AR-1016-5

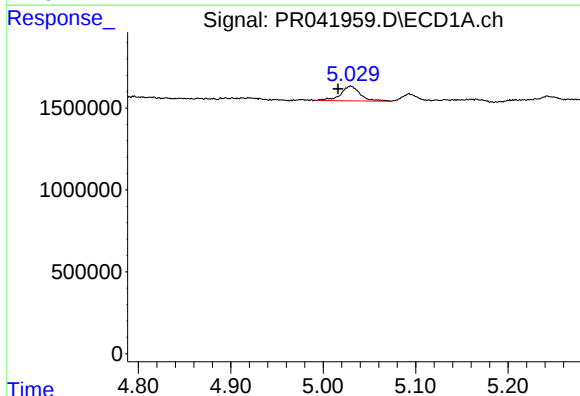
R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 22167724
Conc: 222.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254368



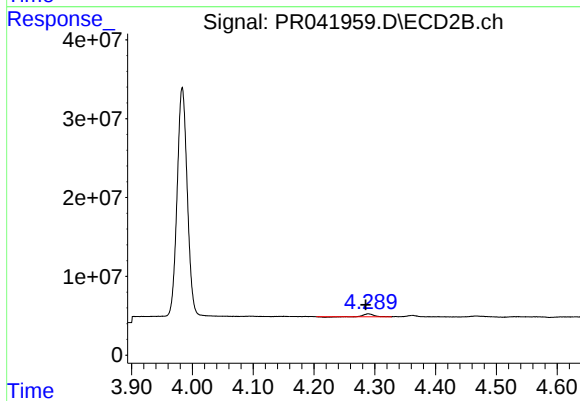
#7 AR-1016-5

R.T.: 5.536 min
Delta R.T.: -0.003 min
Response: 64805745
Conc: 209.58 ng/ml



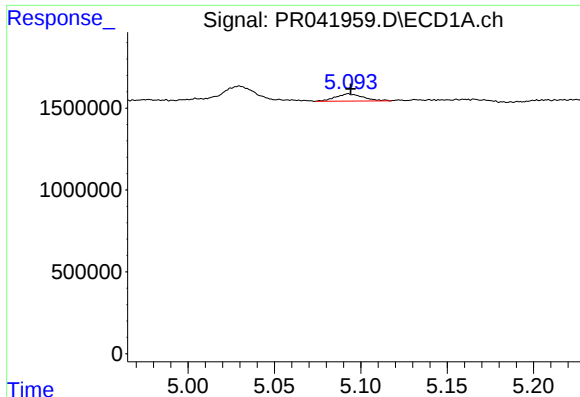
#9 AR-1221-2

R.T.: 5.030 min
Delta R.T.: 0.014 min
Response: 1308883
Conc: 45.11 ng/ml



#9 AR-1221-2

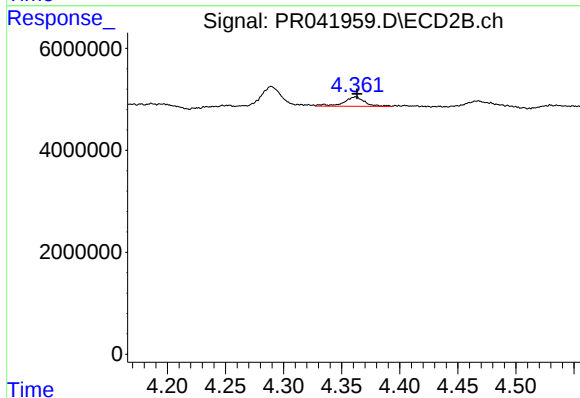
R.T.: 4.290 min
Delta R.T.: 0.004 min
Response: 3835871
Conc: 31.21 ng/ml



#10 AR-1221-3

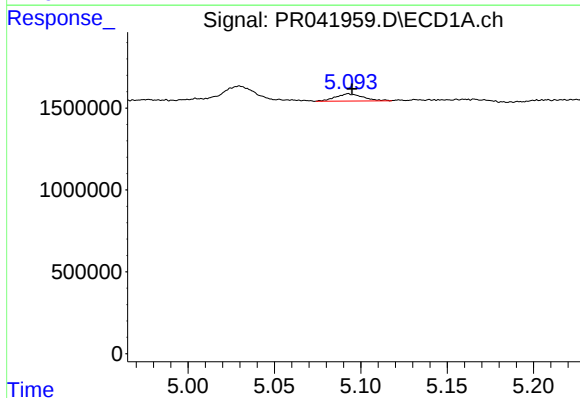
R.T.: 5.093 min
Delta R.T.: -0.001 min
Response: 481496
Conc: 4.95 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254368



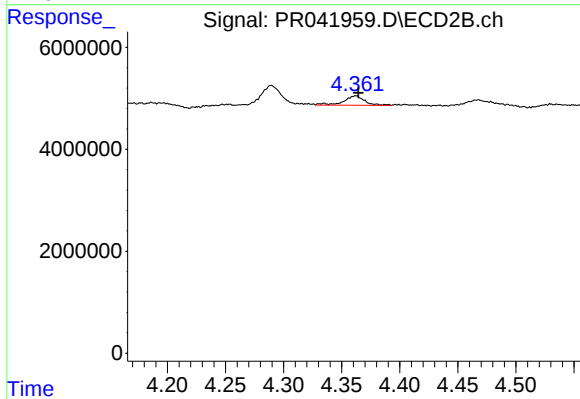
#10 AR-1221-3

R.T.: 4.362 min
Delta R.T.: -0.001 min
Response: 2312429
Conc: 5.94 ng/ml



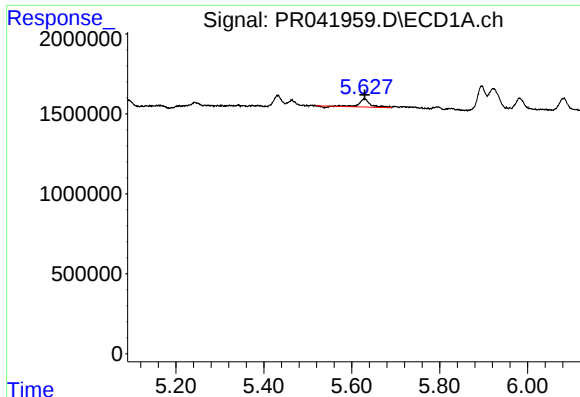
#11 AR-1232-1

R.T.: 5.093 min
Delta R.T.: -0.002 min
Response: 481496
Conc: 5.75 ng/ml



#11 AR-1232-1

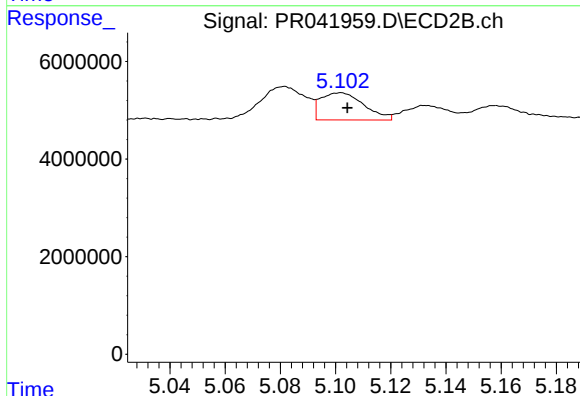
R.T.: 4.362 min
Delta R.T.: -0.002 min
Response: 2312429
Conc: 6.79 ng/ml



#12 AR-1232-2

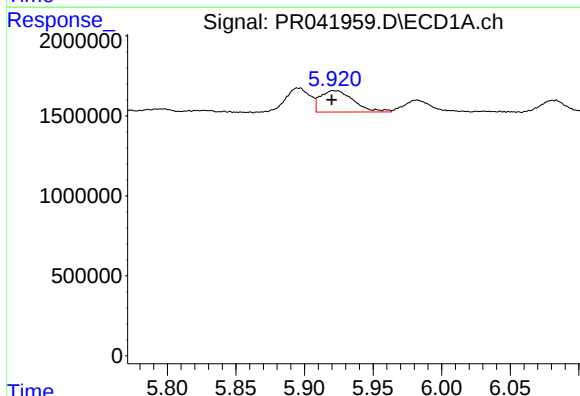
R.T.: 5.629 min
Delta R.T.: 0.000 min
Response: 843558
Conc: 19.58 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254368



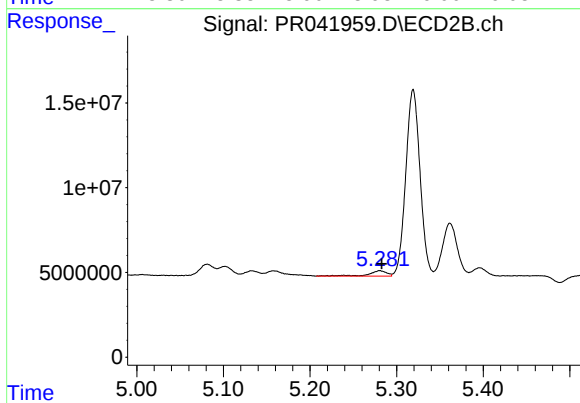
#12 AR-1232-2

R.T.: 5.102 min
Delta R.T.: -0.003 min
Response: 6080417
Conc: 17.86 ng/ml



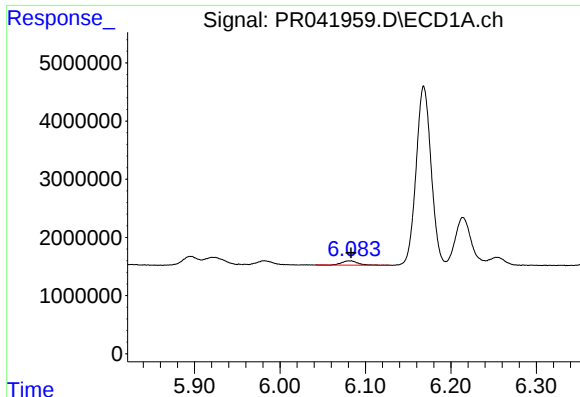
#13 AR-1232-3

R.T.: 5.921 min
Delta R.T.: 0.002 min
Response: 2268726
Conc: 25.23 ng/ml



#13 AR-1232-3

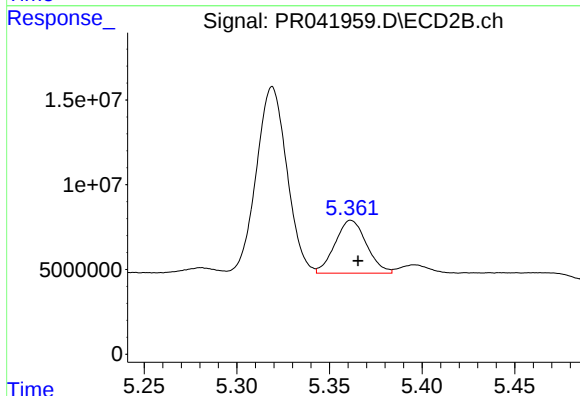
R.T.: 5.281 min
Delta R.T.: -0.002 min
Response: 4679313
Conc: 27.78 ng/ml



#14 AR-1232-4

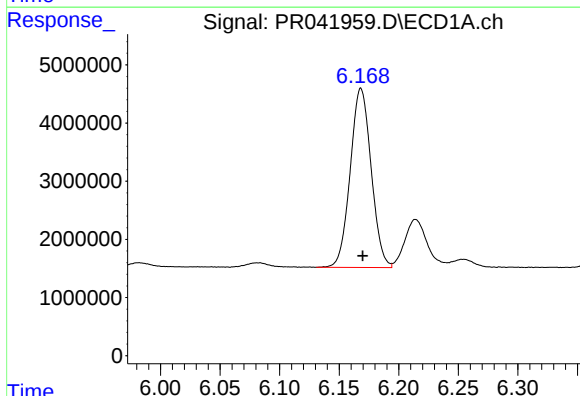
R.T.: 6.082 min
Delta R.T.: -0.001 min
Response: 1041148
Conc: 23.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254368



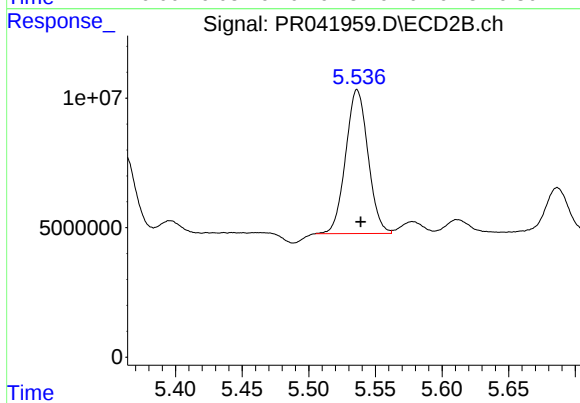
#14 AR-1232-4

R.T.: 5.362 min
Delta R.T.: -0.004 min
Response: 36884337
Conc: 258.95 ng/ml



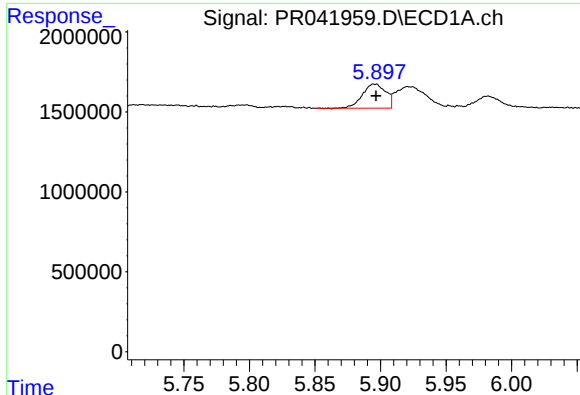
#15 AR-1232-5

R.T.: 6.168 min
Delta R.T.: -0.001 min
Response: 37694039
Conc: 1147.40 ng/ml



#15 AR-1232-5

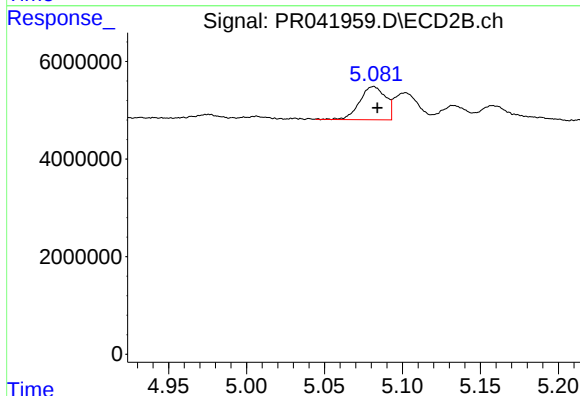
R.T.: 5.536 min
Delta R.T.: -0.003 min
Response: 64805745
Conc: 480.93 ng/ml



#16 AR-1242-1

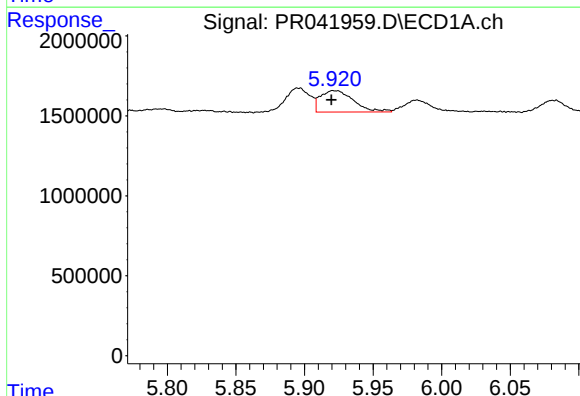
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 1867664
Conc: 16.94 ng/ml

Instrument :
ECD_R
ClientSampleId :
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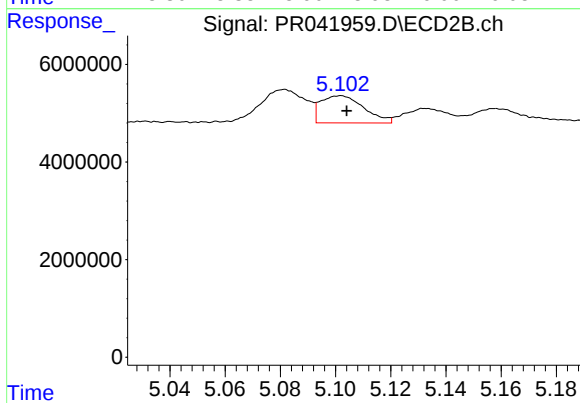
#16 AR-1242-1

R.T.: 5.081 min
Delta R.T.: -0.003 min
Response: 7841259
Conc: 18.46 ng/ml



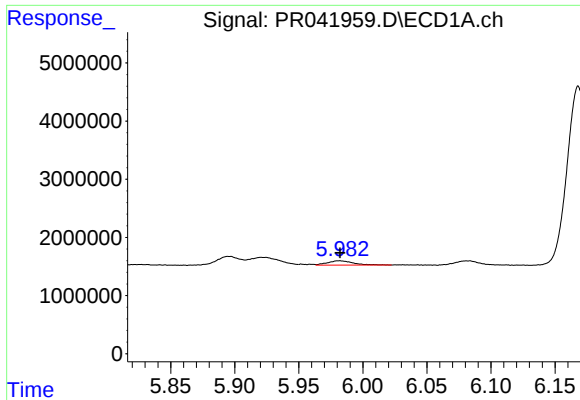
#17 AR-1242-2

R.T.: 5.921 min
Delta R.T.: 0.002 min
Response: 2268726
Conc: 14.61 ng/ml



#17 AR-1242-2

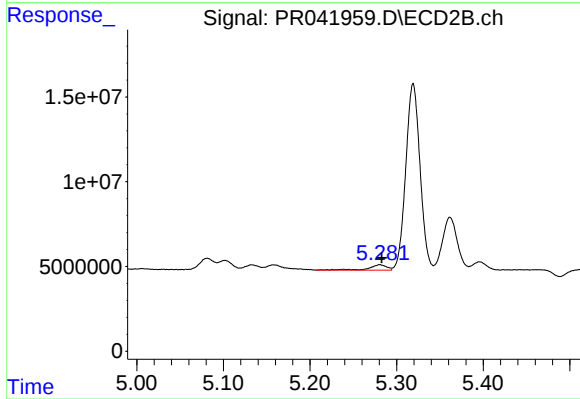
R.T.: 5.102 min
Delta R.T.: -0.002 min
Response: 6080417
Conc: 10.68 ng/ml



#18 AR-1242-3

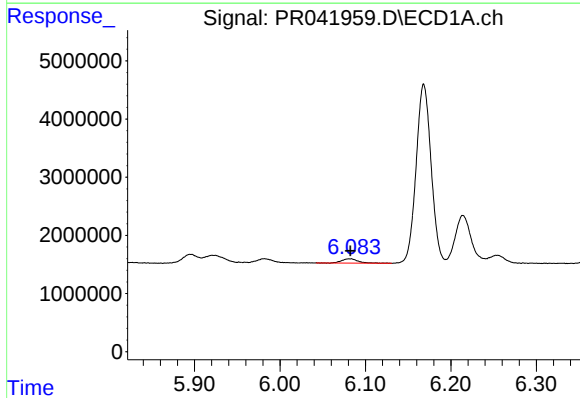
R.T.: 5.982 min
Delta R.T.: 0.000 min
Response: 1024843
Conc: 10.92 ng/ml

Instrument :
ECD_R
ClientSampleId :
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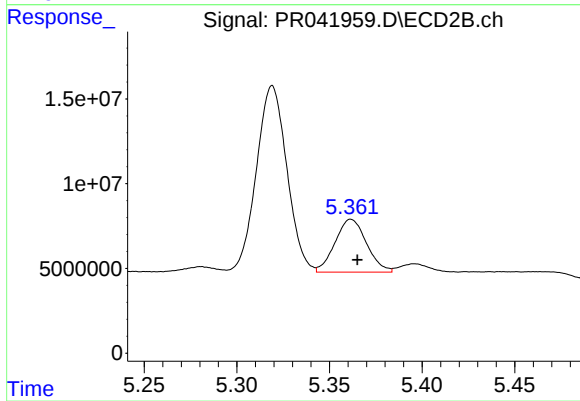
#18 AR-1242-3

R.T.: 5.281 min
Delta R.T.: -0.002 min
Response: 4679313
Conc: 16.21 ng/ml



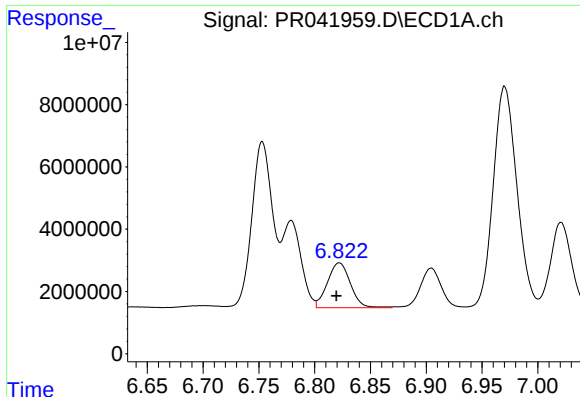
#19 AR-1242-4

R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 1041148
Conc: 13.40 ng/ml



#19 AR-1242-4

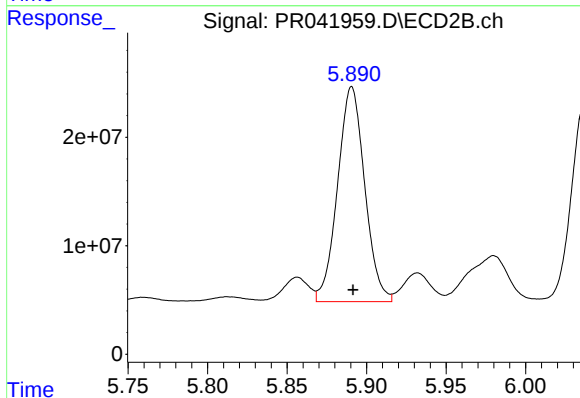
R.T.: 5.362 min
Delta R.T.: -0.003 min
Response: 36884337
Conc: 141.69 ng/ml



#20 AR-1242-5

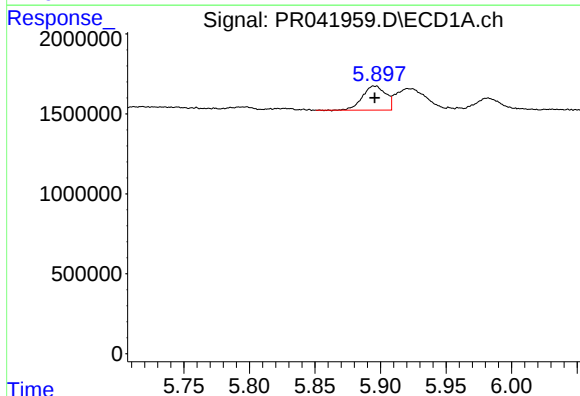
R.T.: 6.822 min
Delta R.T.: 0.003 min
Response: 20655194
Conc: 235.98 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254368



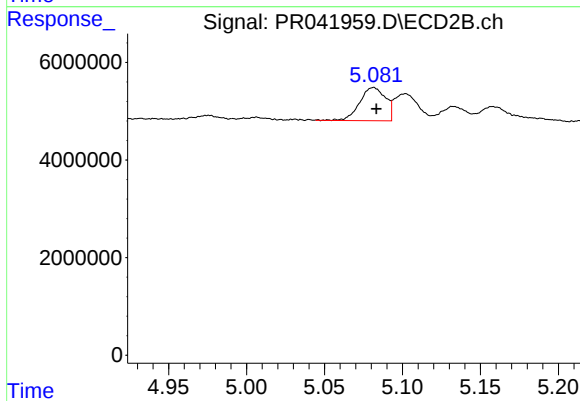
#20 AR-1242-5

R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 235442131
Conc: 887.48 ng/ml



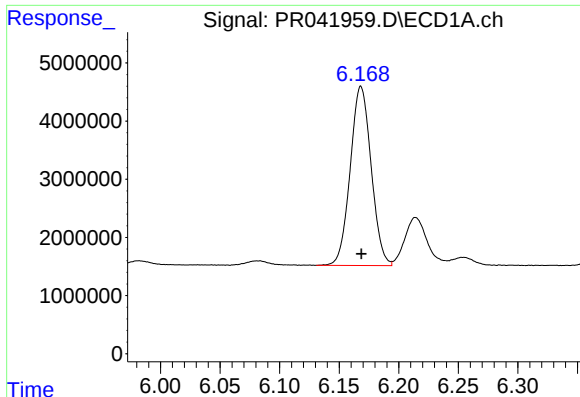
#21 AR-1248-1

R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 1867664
Conc: 22.44 ng/ml



#21 AR-1248-1

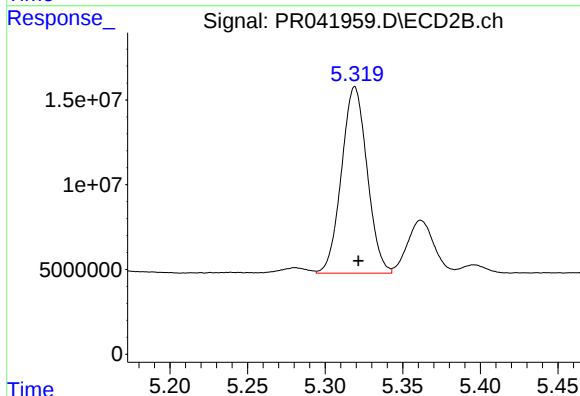
R.T.: 5.081 min
Delta R.T.: -0.002 min
Response: 7841259
Conc: 24.06 ng/ml



#22 AR-1248-2

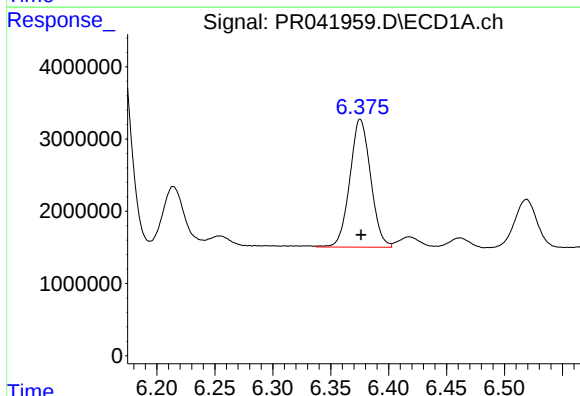
R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 37694039
Conc: 328.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254368



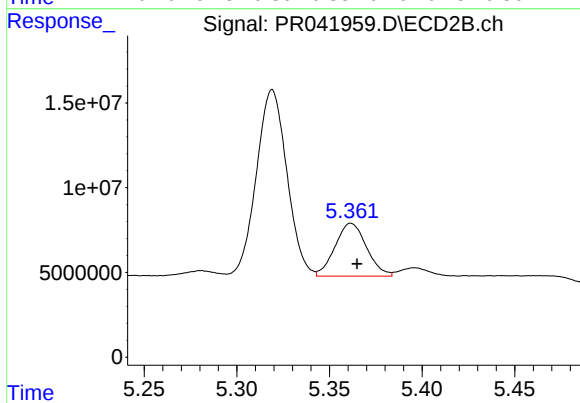
#22 AR-1248-2

R.T.: 5.319 min
Delta R.T.: -0.002 min
Response: 126196098
Conc: 338.81 ng/ml



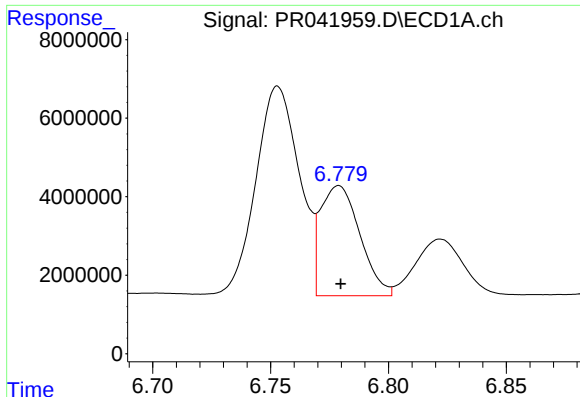
#23 AR-1248-3

R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 22167724
Conc: 170.97 ng/ml



#23 AR-1248-3

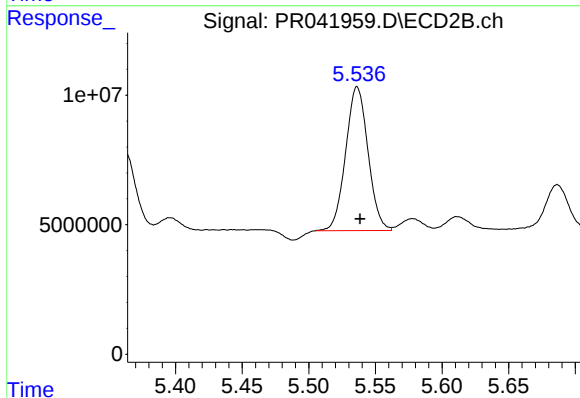
R.T.: 5.362 min
Delta R.T.: -0.003 min
Response: 36884337
Conc: 98.54 ng/ml



#24 AR-1248-4

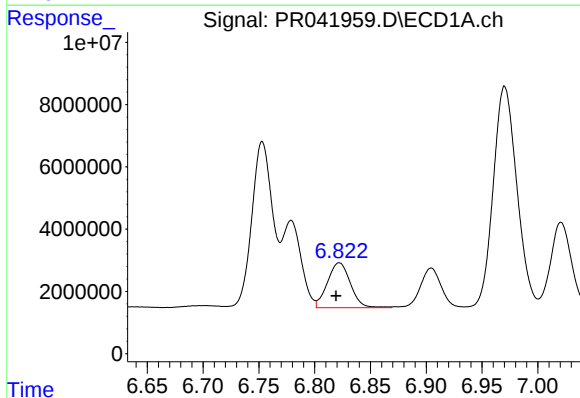
R.T.: 6.779 min
Delta R.T.: 0.000 min
Response: 32603292
Conc: 212.47 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254368



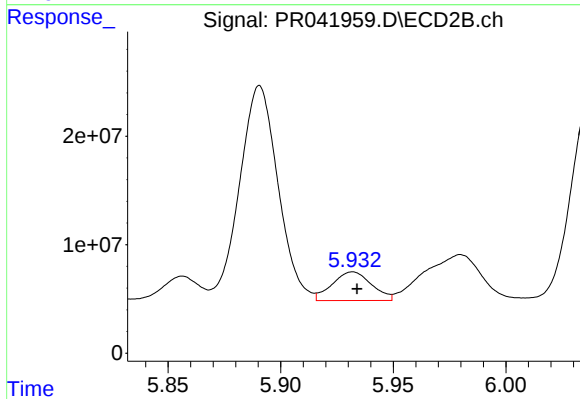
#24 AR-1248-4

R.T.: 5.536 min
Delta R.T.: -0.002 min
Response: 64805745
Conc: 162.72 ng/ml



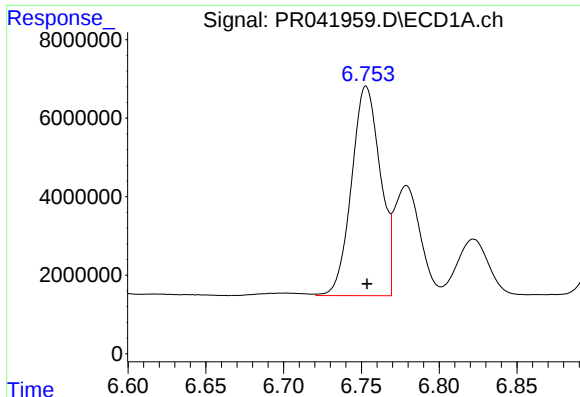
#25 AR-1248-5

R.T.: 6.822 min
Delta R.T.: 0.003 min
Response: 20655194
Conc: 142.66 ng/ml



#25 AR-1248-5

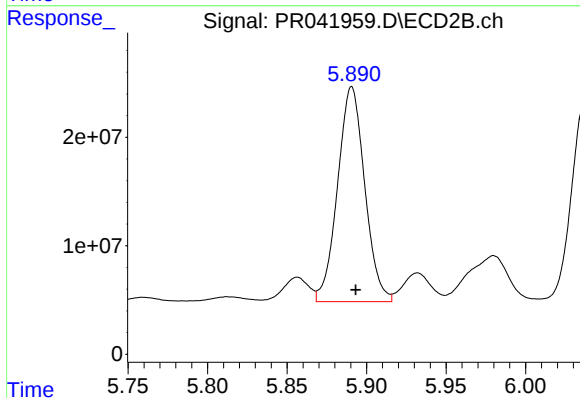
R.T.: 5.932 min
Delta R.T.: -0.002 min
Response: 32122213
Conc: 91.97 ng/ml



#26 AR-1254-1

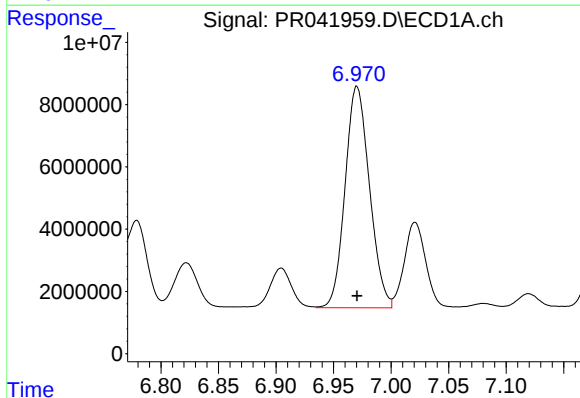
R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 68725517
Conc: 420.82 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254368



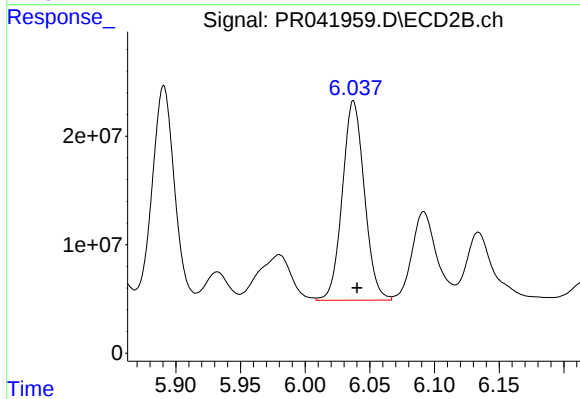
#26 AR-1254-1

R.T.: 5.891 min
Delta R.T.: -0.003 min
Response: 235442131
Conc: 444.45 ng/ml



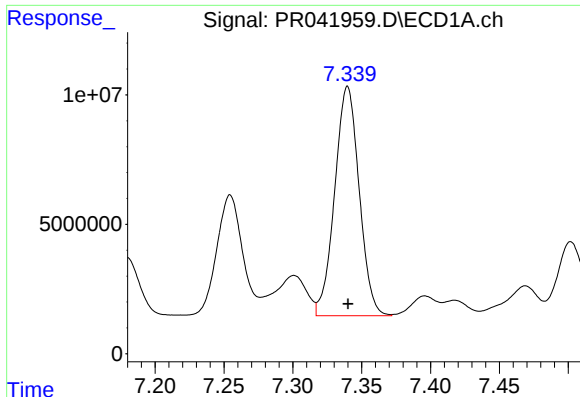
#27 AR-1254-2

R.T.: 6.970 min
Delta R.T.: 0.000 min
Response: 104824359
Conc: 422.51 ng/ml



#27 AR-1254-2

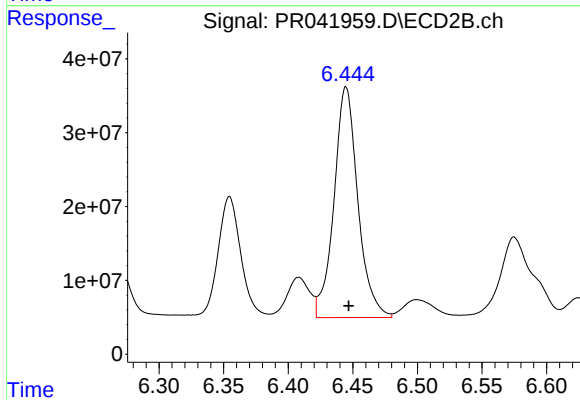
R.T.: 6.037 min
Delta R.T.: -0.003 min
Response: 218623054
Conc: 436.06 ng/ml



#28 AR-1254-3

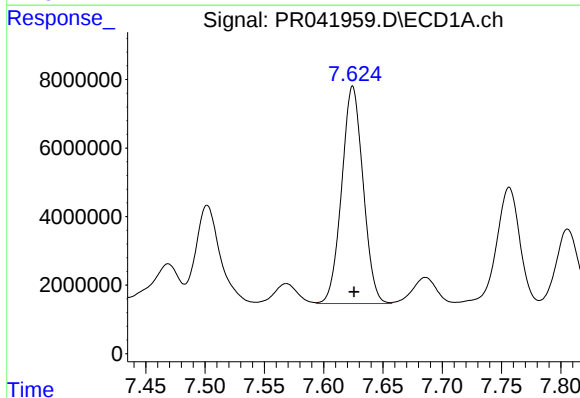
R.T.: 7.340 min
Delta R.T.: 0.000 min
Response: 109679314
Conc: 406.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254368



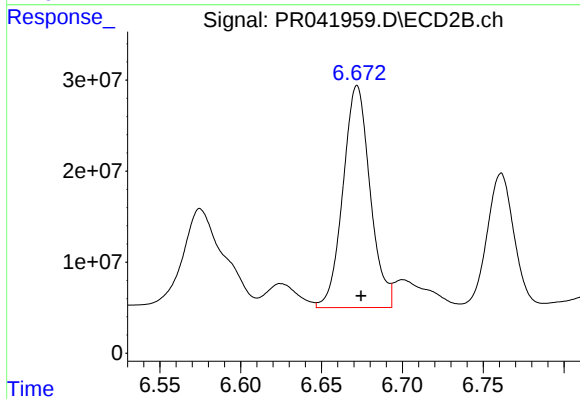
#28 AR-1254-3

R.T.: 6.445 min
Delta R.T.: -0.002 min
Response: 402132836
Conc: 426.24 ng/ml



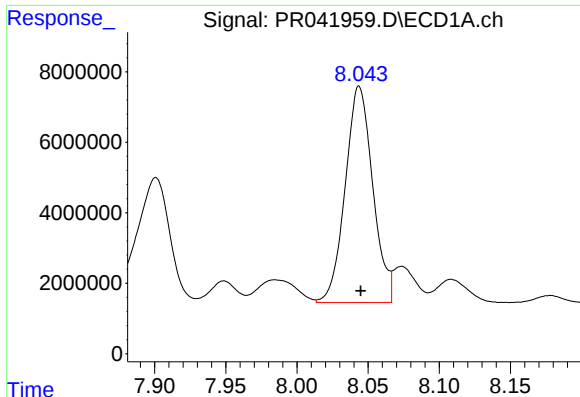
#29 AR-1254-4

R.T.: 7.625 min
Delta R.T.: -0.001 min
Response: 79745881
Conc: 392.92 ng/ml



#29 AR-1254-4

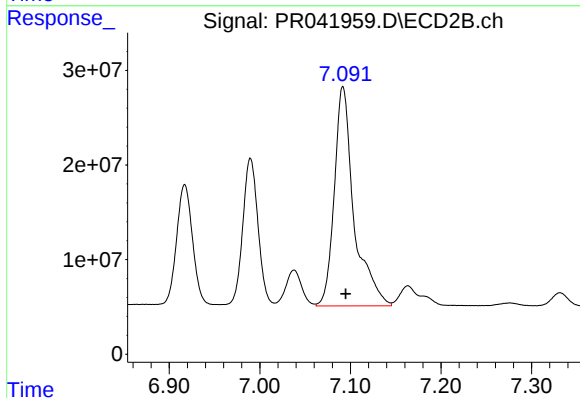
R.T.: 6.672 min
Delta R.T.: -0.003 min
Response: 284805536
Conc: 430.17 ng/ml



#30 AR-1254-5

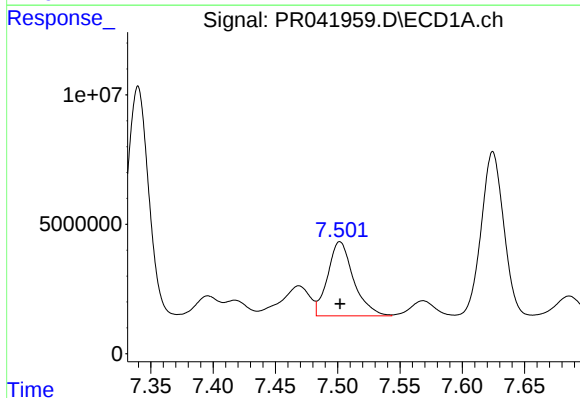
R.T.: 8.044 min
Delta R.T.: -0.001 min
Response: 82655942
Conc: 388.69 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254368



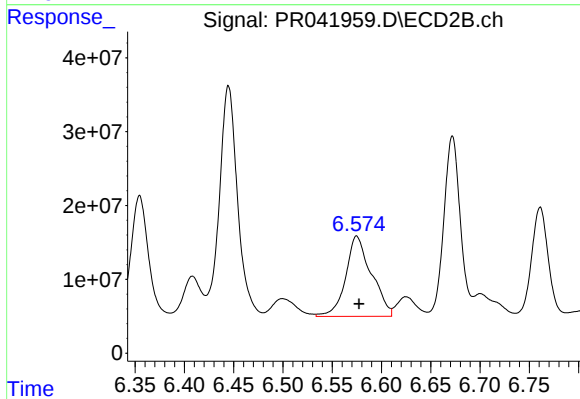
#30 AR-1254-5

R.T.: 7.092 min
Delta R.T.: -0.003 min
Response: 350072363
Conc: 407.70 ng/ml



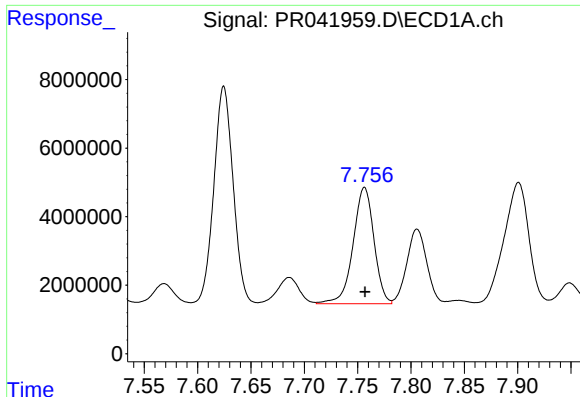
#31 AR-1260-1

R.T.: 7.502 min
Delta R.T.: 0.000 min
Response: 41378056
Conc: 218.39 ng/ml



#31 AR-1260-1

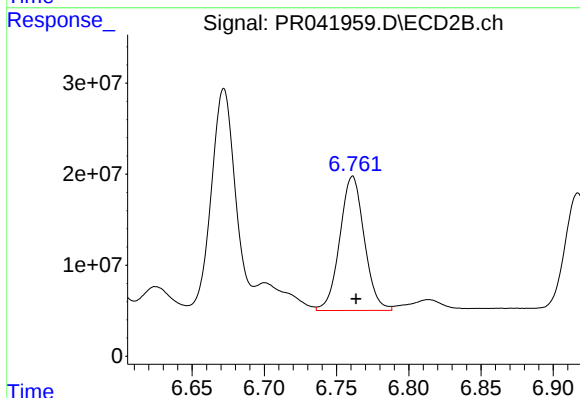
R.T.: 6.575 min
Delta R.T.: -0.003 min
Response: 197119039
Conc: 332.54 ng/ml



#32 AR-1260-2

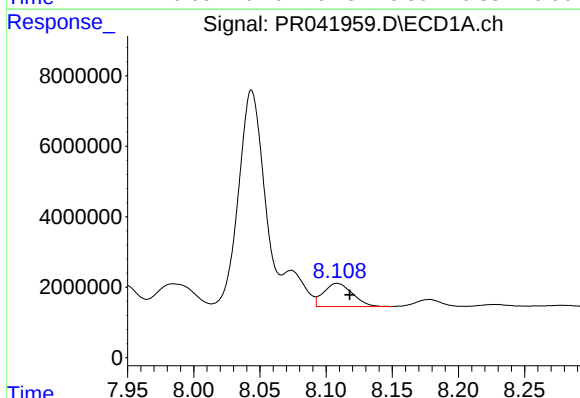
R.T.: 7.756 min
Delta R.T.: 0.000 min
Response: 46217272
Conc: 195.54 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254368



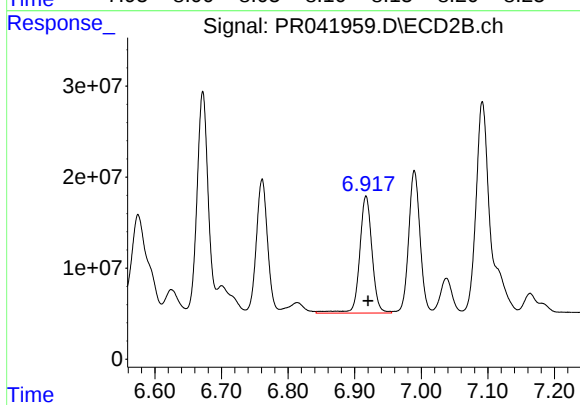
#32 AR-1260-2

R.T.: 6.761 min
Delta R.T.: -0.002 min
Response: 173291125
Conc: 212.55 ng/ml



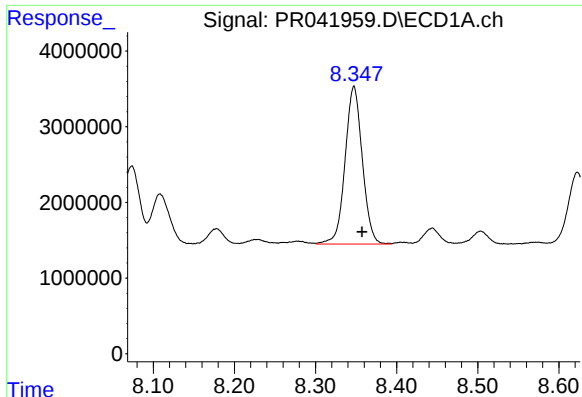
#33 AR-1260-3

R.T.: 8.108 min
Delta R.T.: -0.010 min
Response: 9954887
Conc: 53.03 ng/ml



#33 AR-1260-3

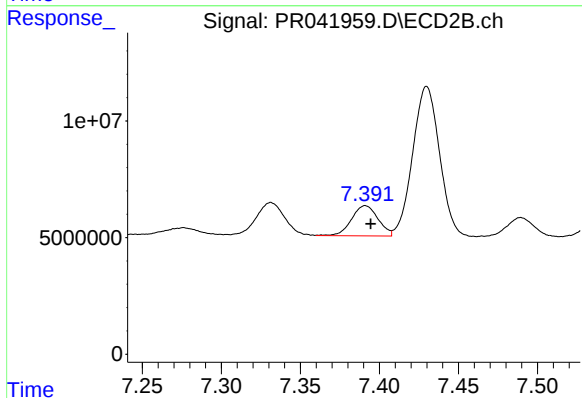
R.T.: 6.917 min
Delta R.T.: -0.003 min
Response: 166882383
Conc: 241.40 ng/ml



#34 AR-1260-4

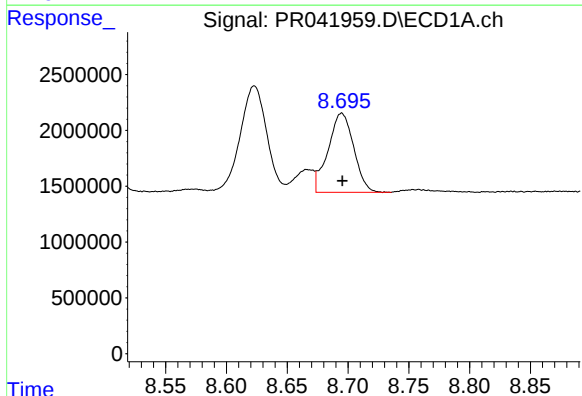
R.T.: 8.347 min
Delta R.T.: -0.010 min
Response: 30769599
Conc: 153.11 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254368



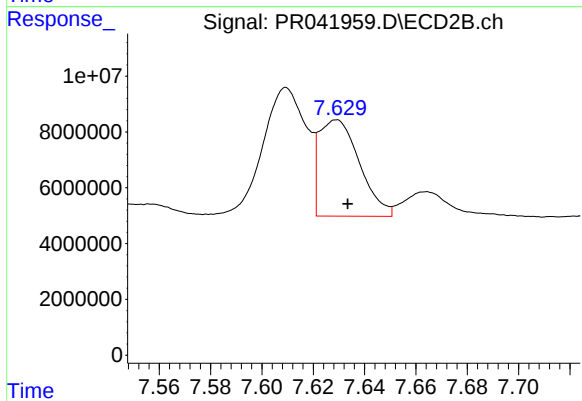
#34 AR-1260-4

R.T.: 7.391 min
Delta R.T.: -0.003 min
Response: 15127809
Conc: 26.07 ng/ml



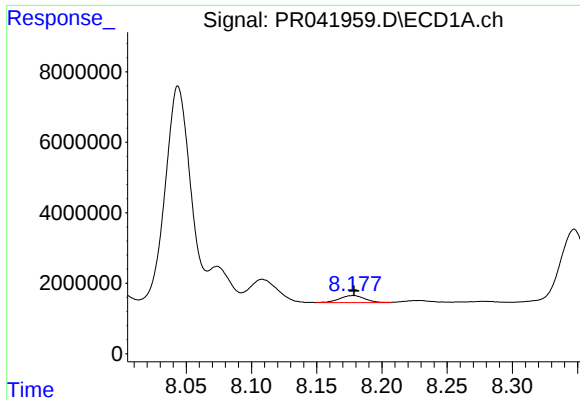
#35 AR-1260-5

R.T.: 8.695 min
Delta R.T.: 0.000 min
Response: 10409811
Conc: 24.05 ng/ml



#35 AR-1260-5

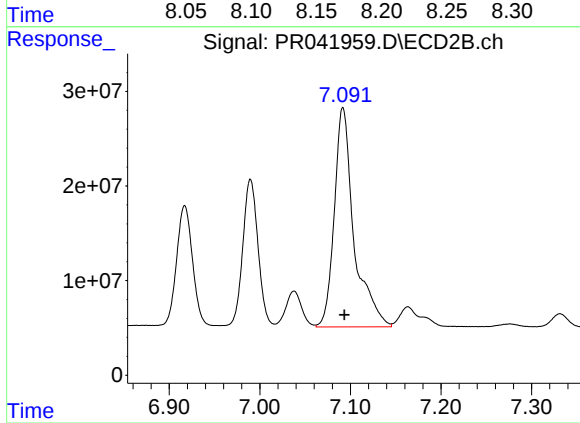
R.T.: 7.629 min
Delta R.T.: -0.004 min
Response: 37783987
Conc: 23.24 ng/ml



#36 AR-1262-1

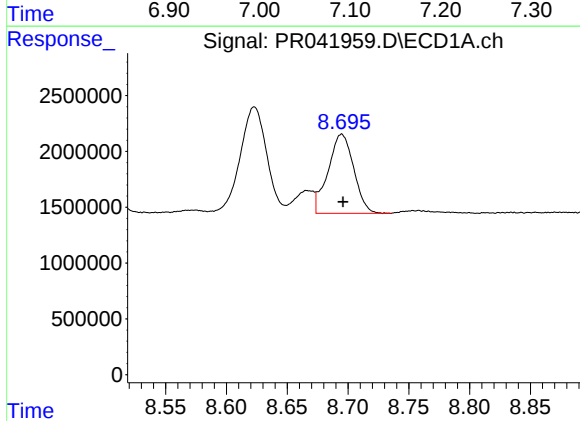
R.T.: 8.178 min
Delta R.T.: 0.000 min
Response: 2683175
Conc: 28.50 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254368



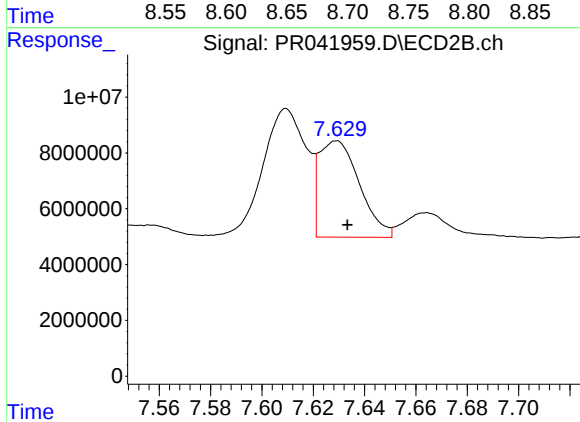
#36 AR-1262-1

R.T.: 7.092 min
Delta R.T.: -0.002 min
Response: 350072363
Conc: 803.32 ng/ml



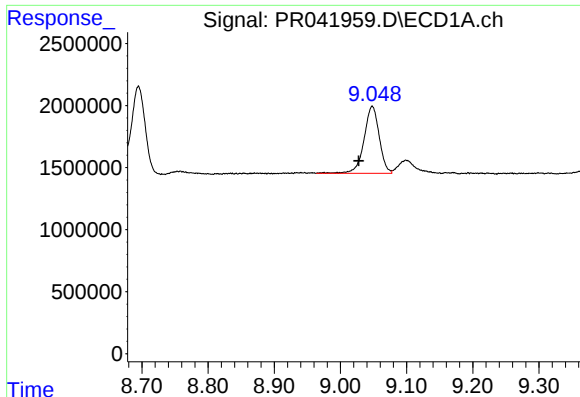
#37 AR-1262-2

R.T.: 8.695 min
Delta R.T.: -0.001 min
Response: 10409811
Conc: 24.13 ng/ml



#37 AR-1262-2

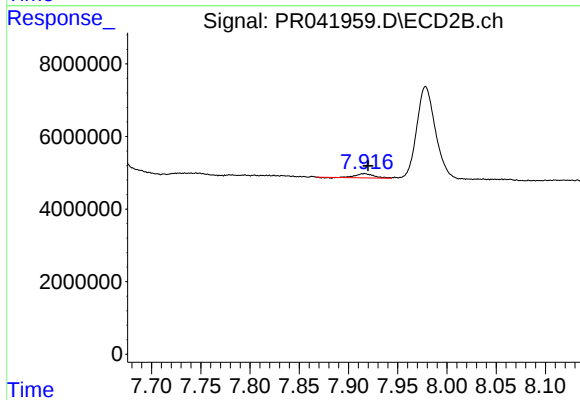
R.T.: 7.629 min
Delta R.T.: -0.004 min
Response: 37783987
Conc: 21.95 ng/ml



#38 AR-1262-3

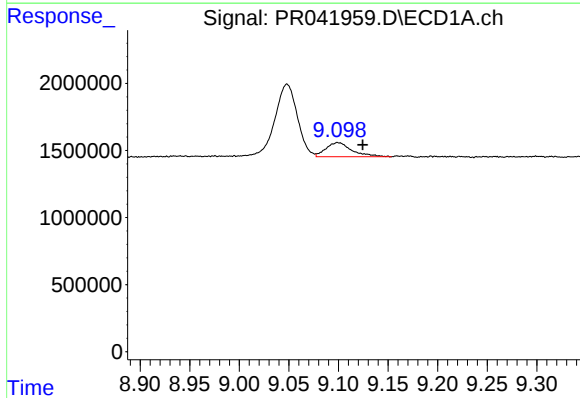
R.T.: 9.048 min
Delta R.T.: 0.020 min
Response: 8616067
Conc: 30.91 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254368



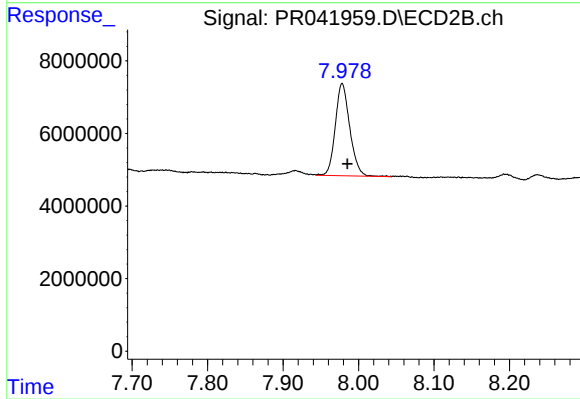
#38 AR-1262-3

R.T.: 7.916 min
Delta R.T.: -0.003 min
Response: 1469803
Conc: 2.25 ng/ml



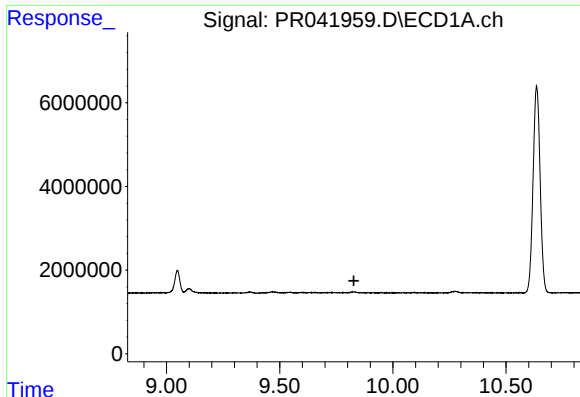
#39 AR-1262-4

R.T.: 9.099 min
Delta R.T.: -0.025 min
Response: 1911363
Conc: 9.33 ng/ml



#39 AR-1262-4

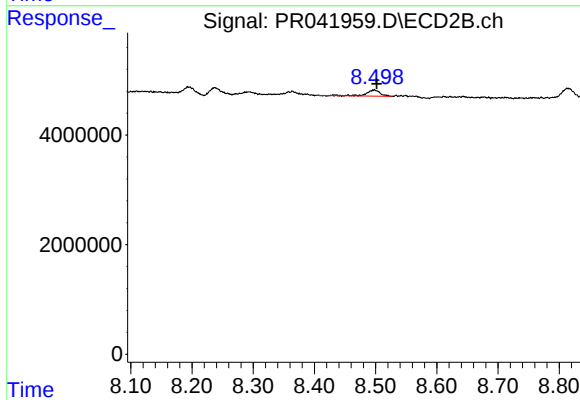
R.T.: 7.978 min
Delta R.T.: -0.007 min
Response: 33870343
Conc: 28.98 ng/ml



#40 AR-1262-5

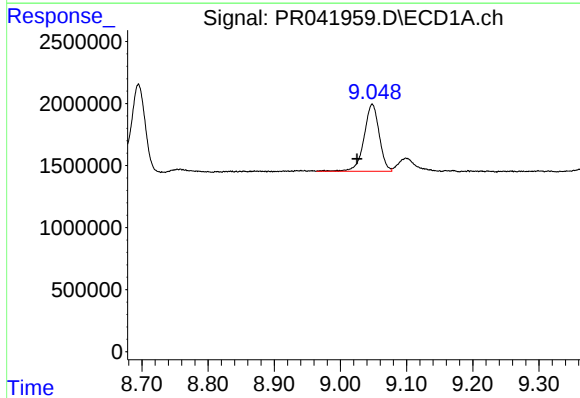
R.T.: 0.000 min
Exp R.T.: 9.828 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1254368



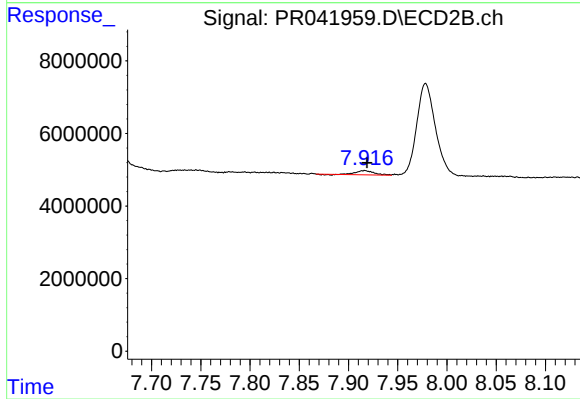
#40 AR-1262-5

R.T.: 8.498 min
Delta R.T.: -0.004 min
Response: 1717621
Conc: 3.21 ng/ml



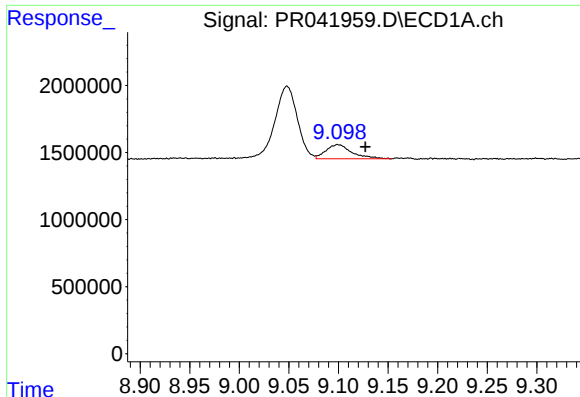
#41 AR-1268-1

R.T.: 9.048 min
Delta R.T.: 0.023 min
Response: 8616067
Conc: 15.69 ng/ml



#41 AR-1268-1

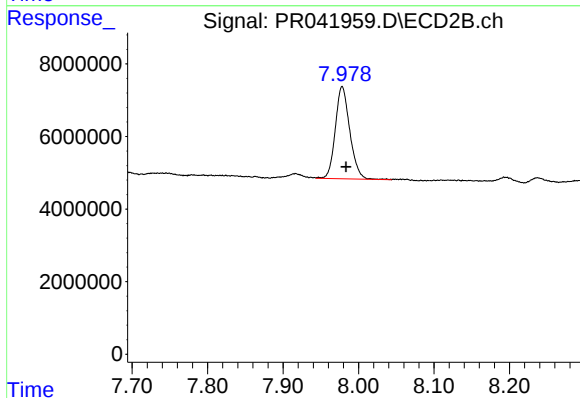
R.T.: 7.916 min
Delta R.T.: -0.002 min
Response: 1469803
Conc: 0.67 ng/ml



#42 AR-1268-2

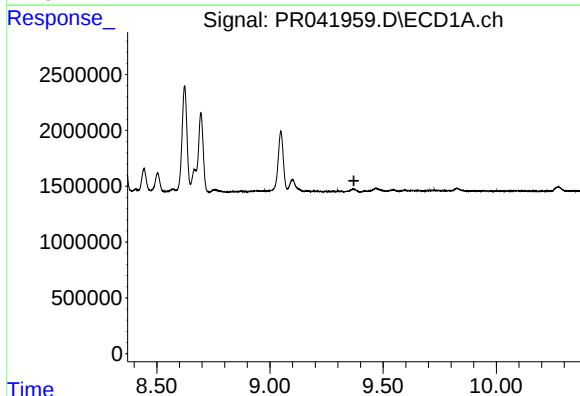
R.T.: 9.099 min
Delta R.T.: -0.028 min
Response: 1911363
Conc: 3.84 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254368



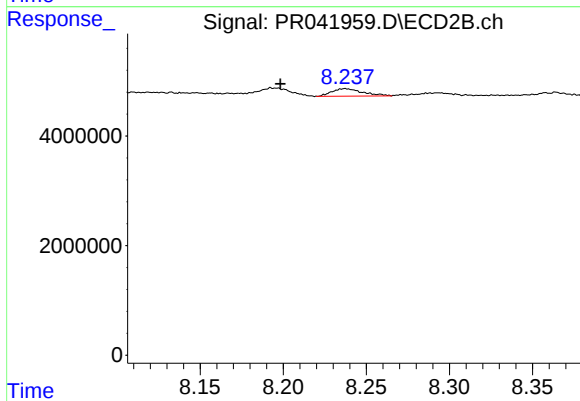
#42 AR-1268-2

R.T.: 7.978 min
Delta R.T.: -0.005 min
Response: 33870343
Conc: 17.02 ng/ml



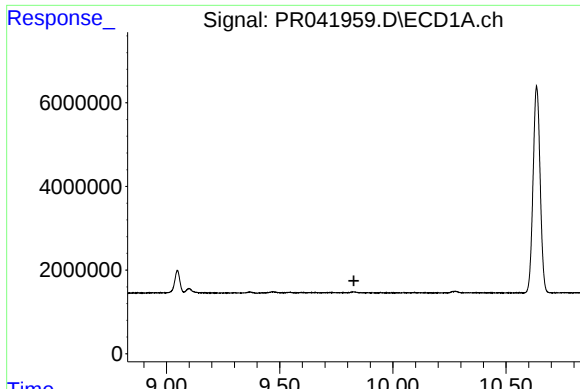
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.371 min
Response: 0
Conc: N.D.



#43 AR-1268-3

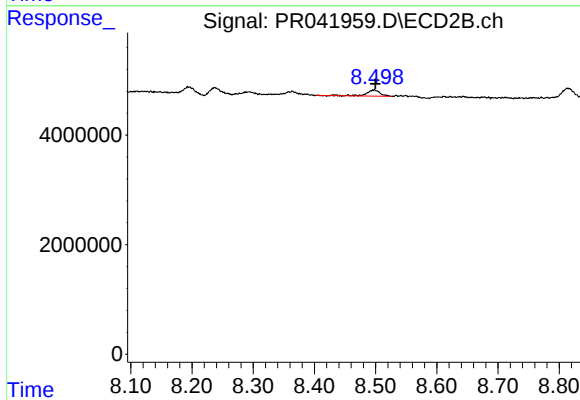
R.T.: 8.237 min
Delta R.T.: 0.039 min
Response: 1785393
Conc: 1.07 ng/ml



#44 AR-1268-4

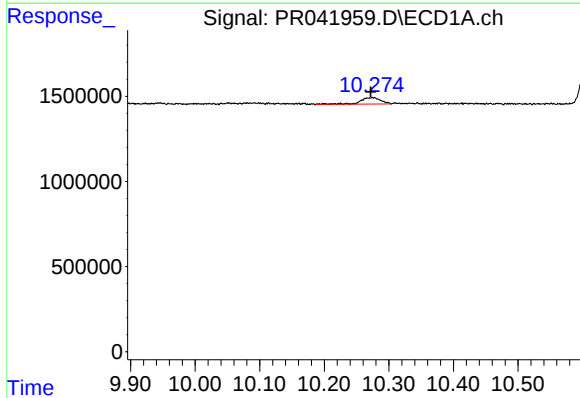
R.T.: 0.000 min
Exp R.T.: 9.828 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1254368



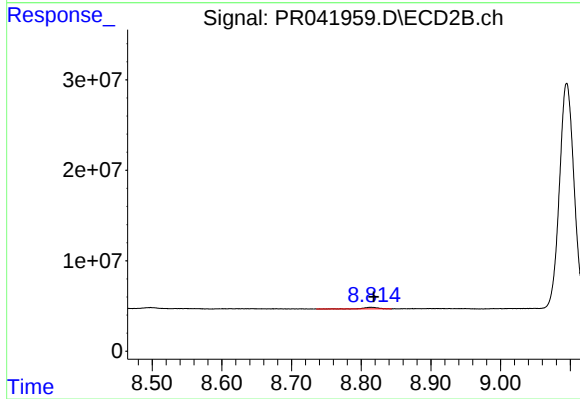
#44 AR-1268-4

R.T.: 8.498 min
Delta R.T.: -0.002 min
Response: 1717621
Conc: 2.66 ng/ml



#45 AR-1268-5

R.T.: 10.274 min
Delta R.T.: 0.002 min
Response: 803265
Conc: 0.62 ng/ml



#45 AR-1268-5

R.T.: 8.814 min
Delta R.T.: -0.004 min
Response: 2524421
Conc: 0.55 ng/ml