

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR032219\
 Data File : PR036580.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Mar 2019 20:37
 Operator : SM\SJ
 Sample : AR1660CCC500
 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: Mar 22 22:44:51 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR032019.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 20 15:19:33 2019
 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...	4.399	3.473	100.4E6	288.7E6	66.354	70.411
2)	SA Decachlor...	10.050	8.336	78466700	248.2E6	44.767	44.861
Target Compounds							
3)	L1 AR-1016-1	5.560	4.525	36149196	110.8E6	606.526	677.101
4)	L1 AR-1016-2	5.582	4.541	57373989	175.8E6	591.090	657.278
5)	L1 AR-1016-3	5.644	4.712	33095454	87875686	573.442	658.952
6)	L1 AR-1016-4	5.742	4.754	27605581	65257890	582.401	635.928
7)	L1 AR-1016-5	6.033	4.961	28102563	89177635	567.438	627.567
8)	L2 AR-1221-1	4.604	3.679	3303440	9376665	268.990	313.991
9)	L2 AR-1221-2	4.695	3.763	4872391	12761143	519.440	559.997
10)	L2 AR-1221-3	4.770	3.836	18195073	49225715	610.350	638.179
11)	L3 AR-1232-1	4.770	3.836	18195073	49225715	471.435	486.945
12)	L3 AR-1232-2	5.294	4.541	26578773	175.8E6	1243.051	1408.561
13)	L3 AR-1232-3	5.582	4.712	57373989	87875686	1300.641	1438.937
14)	L3 AR-1232-4	5.742	4.794	27605581	82402533	1288.673	1565.796
15)	L3 AR-1232-5	5.830	4.961	24265595	89177635	1418.028	1498.986
16)	L4 AR-1242-1	5.560	4.541	36149196	175.8E6	813.901	1427.030 #
17)	L4 AR-1242-2	5.582	4.541	57373989	175.8E6	798.175	869.304
18)	L4 AR-1242-3	5.644	4.712	33095454	87875686	754.783	865.195
19)	L4 AR-1242-4	5.742	4.794	27605581	82402533	767.962	848.916
20)	L4 AR-1242-5	6.473	5.303	4609544	75130325	105.421	555.437 #
21)	L5 AR-1248-1	5.560	4.541	36149196	175.8E6	682.642	1156.967 #
22)	L5 AR-1248-2	5.830	4.754	24265595	65257890	307.650	311.683
23)	L5 AR-1248-3	6.033	4.794	28102563	82402533	312.113	382.830
24)	L5 AR-1248-4	6.433	4.961	5436911	89177635	51.230	334.321 #
25)	L5 AR-1248-5	6.473	5.342	4609544	19084955	45.388	63.138 #
26)	L6 AR-1254-1	6.406	5.303	19852921	75130325	260.705	236.206
27)	L6 AR-1254-2	6.622	5.448	21129974	72305098	176.283	258.827 #
28)	L6 AR-1254-3	6.989	5.855	12958528	137.4E6	98.110	292.552 #
29)	L6 AR-1254-4	7.272	6.067	10144860	25346118	103.820	72.747 #
30)	L6 AR-1254-5	7.688	6.476	77035296	239.1E6	630.097	531.103
31)	L7 AR-1260-1	7.149	5.968	47290154	180.5E6	501.710	605.558
32)	L7 AR-1260-2	7.404	6.155	60021395	256.0E6	526.028	575.269
33)	L7 AR-1260-3	7.762	6.304	44686023	211.7E6	499.531	587.046
34)	L7 AR-1260-4	7.987	6.767	51850679	166.6E6	505.897	530.812
35)	L7 AR-1260-5	8.302	7.009	101.6E6	456.8E6	508.729	498.927
36)	L8 AR-1262-1	7.762	6.566	44686023	109.0E6	330.596	469.592 #
37)	L8 AR-1262-2	8.302	7.009	101.6E6	456.8E6	424.536	404.912
38)	L8 AR-1262-3	8.622	7.286	63334886	97147756	403.015	222.074 #
39)	L8 AR-1262-4	8.677	7.350	39306323	289.9E6	331.550	387.870
40)	L8 AR-1262-5	9.332	7.841	27023430	97182827	338.172	300.455
41)	L9 AR-1268-1	8.622	7.286	63334886	97147756	233.447	73.980 #

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 ALS Vial : 3 Sample Multiplier: 1

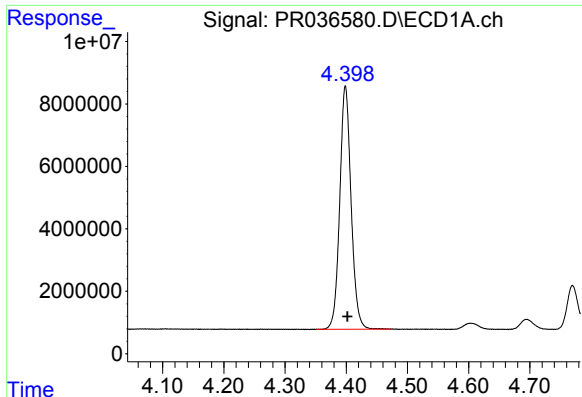
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
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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	8.677	7.350	39306323	289.9E6	159.823	259.984 #
43) L9	AR-1268-3	0.000	7.550	0	5077661	N.D.	5.447 #
44) L9	AR-1268-4	9.332	7.841	27023430	97182827	307.175	270.525
45) L9	AR-1268-5	9.728	8.110	7501023	22771207	11.868	9.210

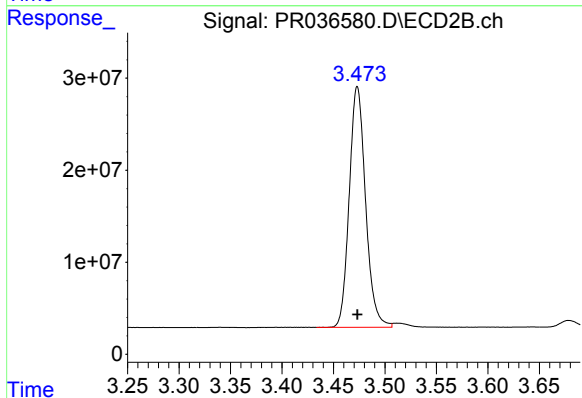
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

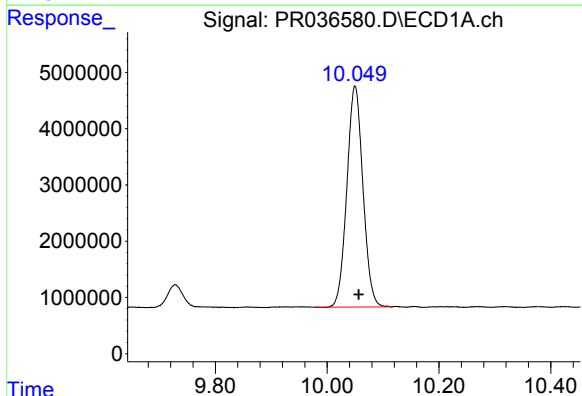
R.T.: 4.399 min
Delta R.T.: -0.003 min
Response: 100428044
Conc: 66.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



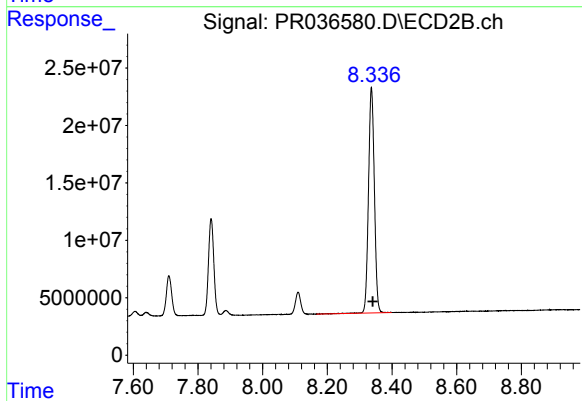
#1 Tetrachloro-m-xylene

R.T.: 3.473 min
Delta R.T.: 0.000 min
Response: 288716129
Conc: 70.41 ng/ml



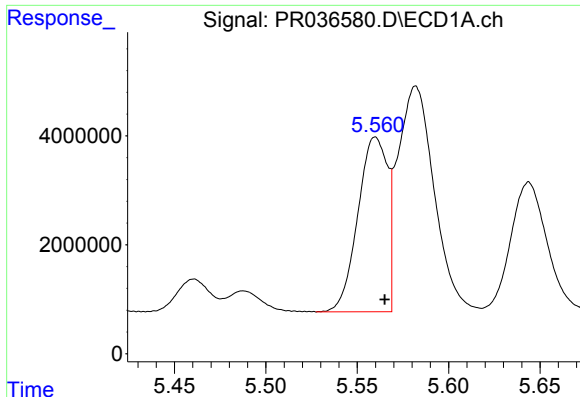
#2 Decachlorobiphenyl

R.T.: 10.050 min
Delta R.T.: -0.007 min
Response: 78466700
Conc: 44.77 ng/ml



#2 Decachlorobiphenyl

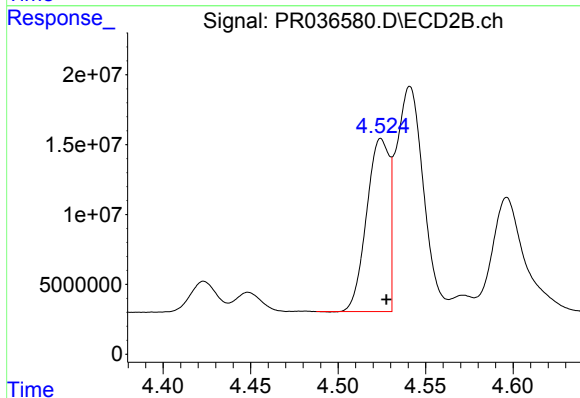
R.T.: 8.336 min
Delta R.T.: -0.004 min
Response: 248184446
Conc: 44.86 ng/ml



#3 AR-1016-1

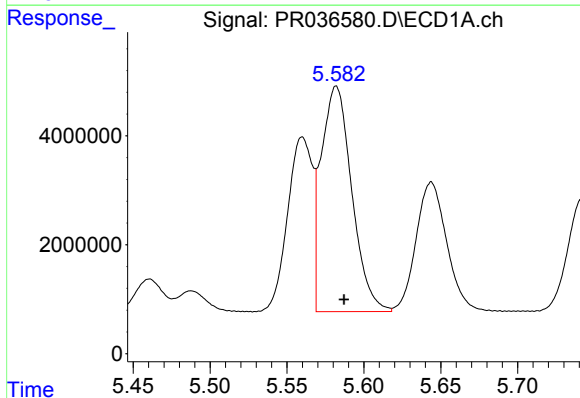
R.T.: 5.560 min
Delta R.T.: -0.005 min
Response: 36149196
Conc: 606.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



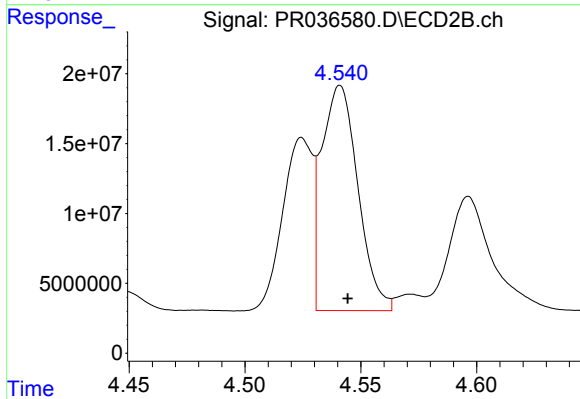
#3 AR-1016-1

R.T.: 4.525 min
Delta R.T.: -0.003 min
Response: 110838361
Conc: 677.10 ng/ml



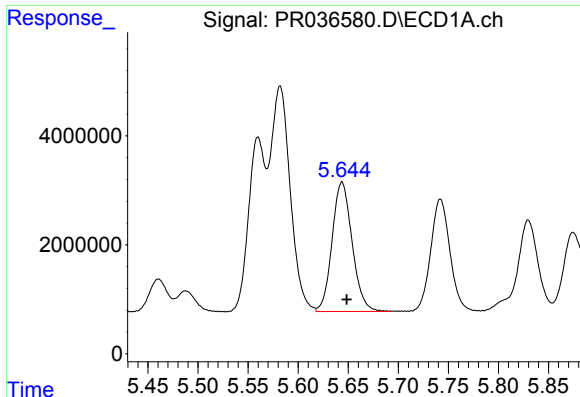
#4 AR-1016-2

R.T.: 5.582 min
Delta R.T.: -0.005 min
Response: 57373989
Conc: 591.09 ng/ml



#4 AR-1016-2

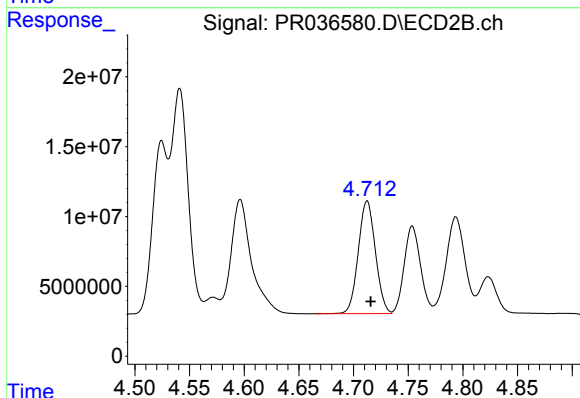
R.T.: 4.541 min
Delta R.T.: -0.003 min
Response: 175800722
Conc: 657.28 ng/ml



#5 AR-1016-3

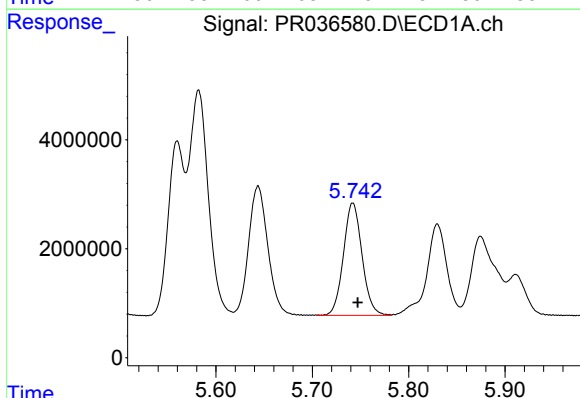
R.T.: 5.644 min
Delta R.T.: -0.005 min
Response: 33095454
Conc: 573.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



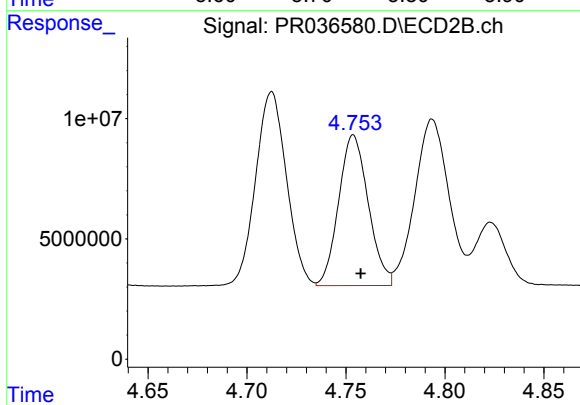
#5 AR-1016-3

R.T.: 4.712 min
Delta R.T.: -0.003 min
Response: 87875686
Conc: 658.95 ng/ml



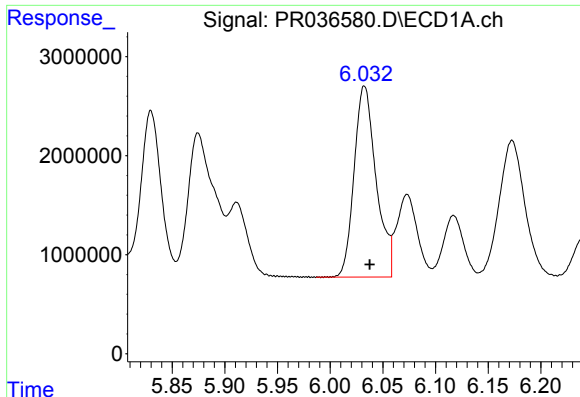
#6 AR-1016-4

R.T.: 5.742 min
Delta R.T.: -0.005 min
Response: 27605581
Conc: 582.40 ng/ml



#6 AR-1016-4

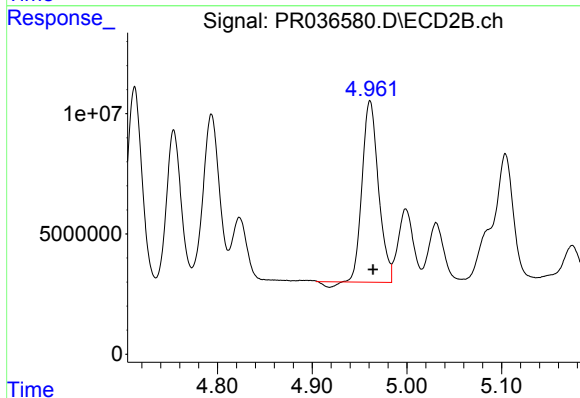
R.T.: 4.754 min
Delta R.T.: -0.004 min
Response: 65257890
Conc: 635.93 ng/ml



#7 AR-1016-5

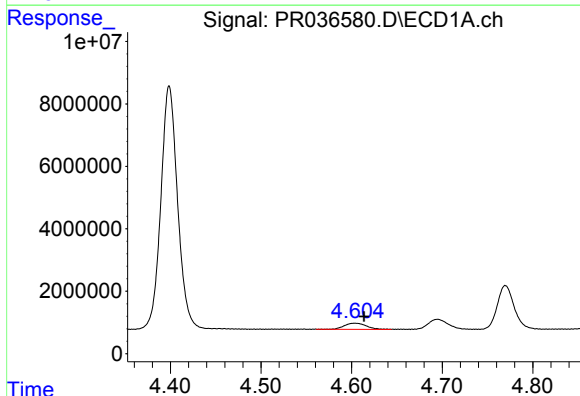
R.T.: 6.033 min
Delta R.T.: -0.005 min
Response: 28102563
Conc: 567.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



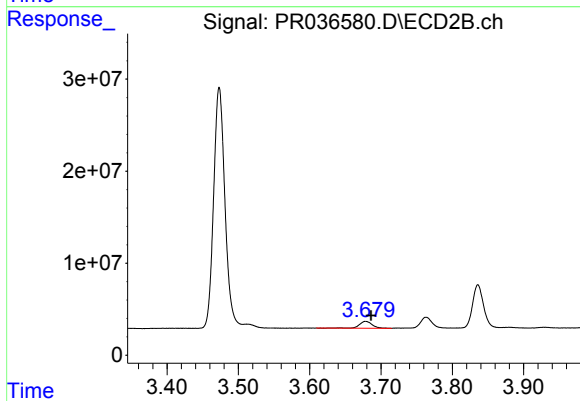
#7 AR-1016-5

R.T.: 4.961 min
Delta R.T.: -0.003 min
Response: 89177635
Conc: 627.57 ng/ml



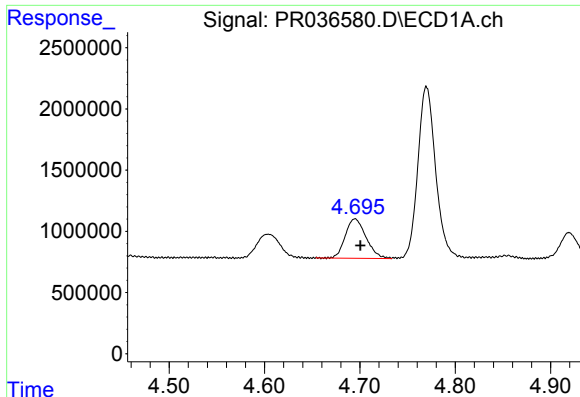
#8 AR-1221-1

R.T.: 4.604 min
Delta R.T.: -0.010 min
Response: 3303440
Conc: 268.99 ng/ml



#8 AR-1221-1

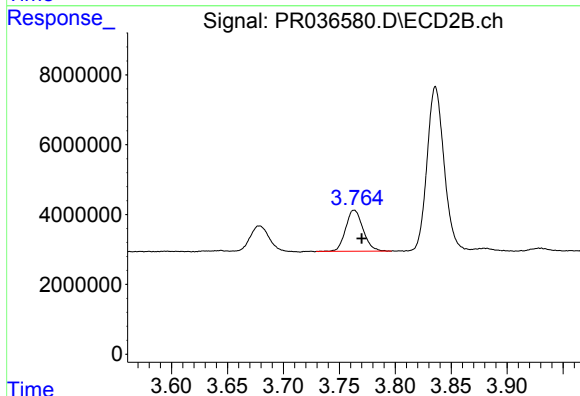
R.T.: 3.679 min
Delta R.T.: -0.007 min
Response: 9376665
Conc: 313.99 ng/ml



#9 AR-1221-2

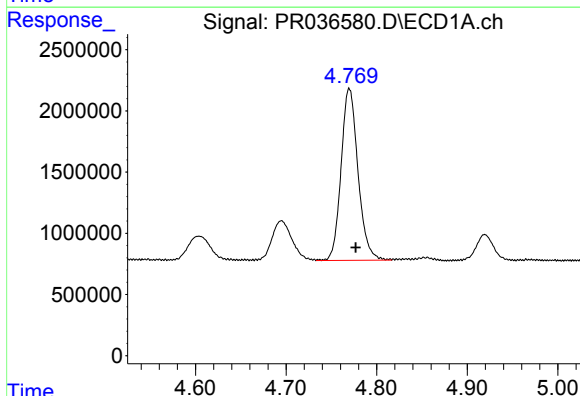
R.T.: 4.695 min
Delta R.T.: -0.006 min
Response: 4872391
Conc: 519.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



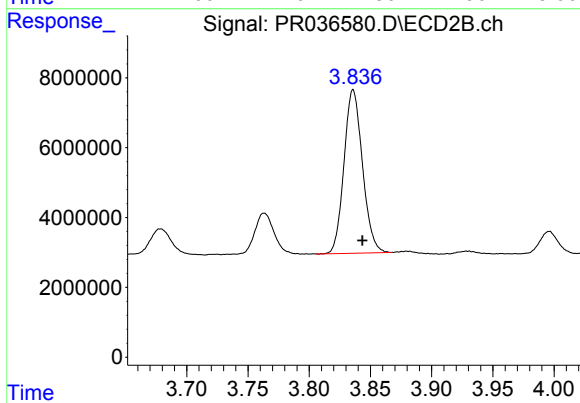
#9 AR-1221-2

R.T.: 3.763 min
Delta R.T.: -0.007 min
Response: 12761143
Conc: 560.00 ng/ml



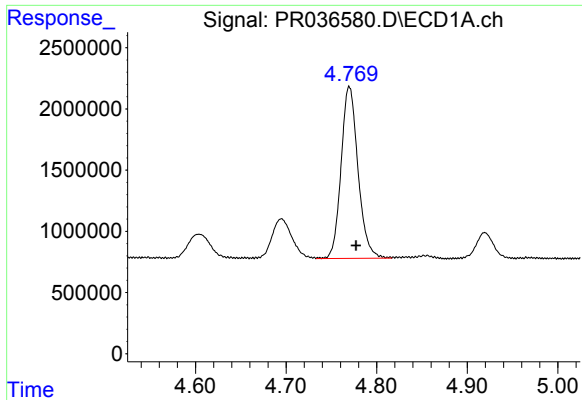
#10 AR-1221-3

R.T.: 4.770 min
Delta R.T.: -0.007 min
Response: 18195073
Conc: 610.35 ng/ml



#10 AR-1221-3

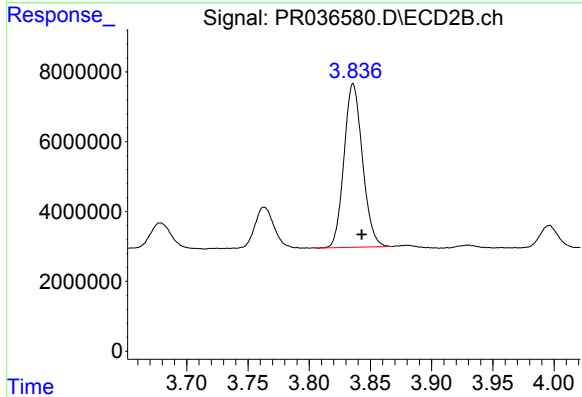
R.T.: 3.836 min
Delta R.T.: -0.007 min
Response: 49225715
Conc: 638.18 ng/ml



#11 AR-1232-1

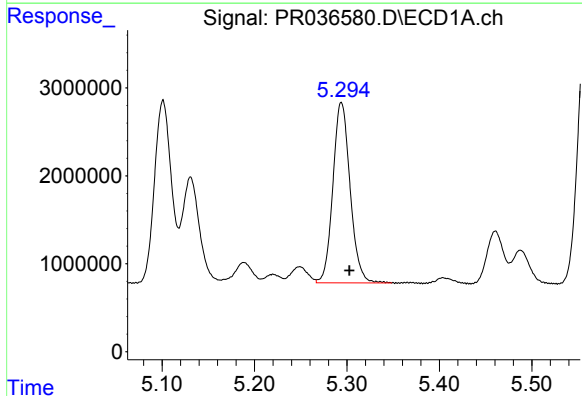
R.T.: 4.770 min
Delta R.T.: -0.007 min
Response: 18195073
Conc: 471.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



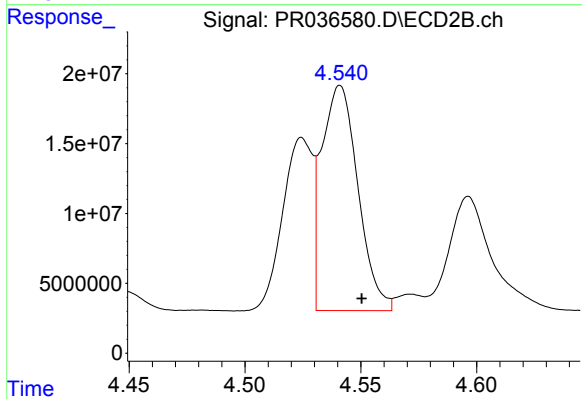
#11 AR-1232-1

R.T.: 3.836 min
Delta R.T.: -0.007 min
Response: 49225715
Conc: 486.94 ng/ml



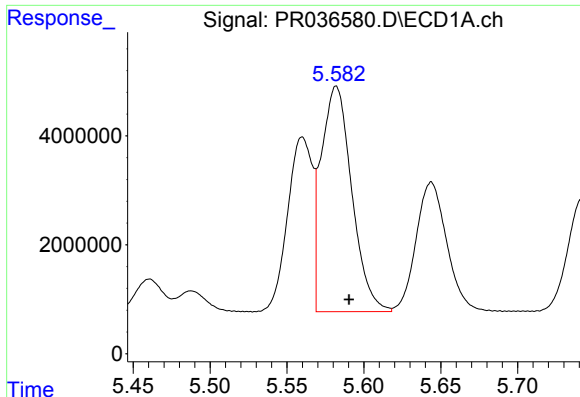
#12 AR-1232-2

R.T.: 5.294 min
Delta R.T.: -0.009 min
Response: 26578773
Conc: 1243.05 ng/ml



#12 AR-1232-2

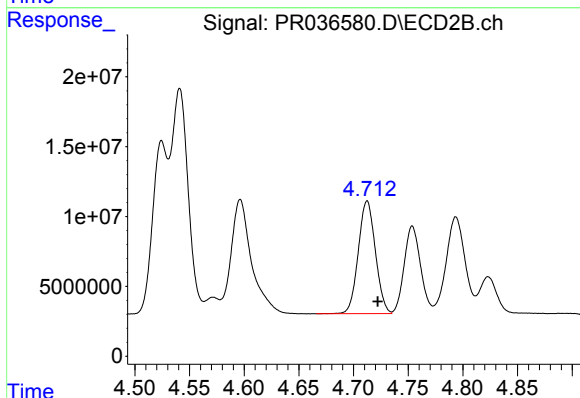
R.T.: 4.541 min
Delta R.T.: -0.009 min
Response: 175800722
Conc: 1408.56 ng/ml



#13 AR-1232-3

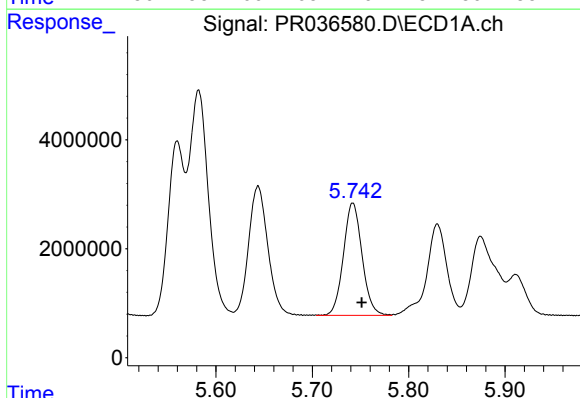
R.T.: 5.582 min
Delta R.T.: -0.008 min
Response: 57373989
Conc: 1300.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



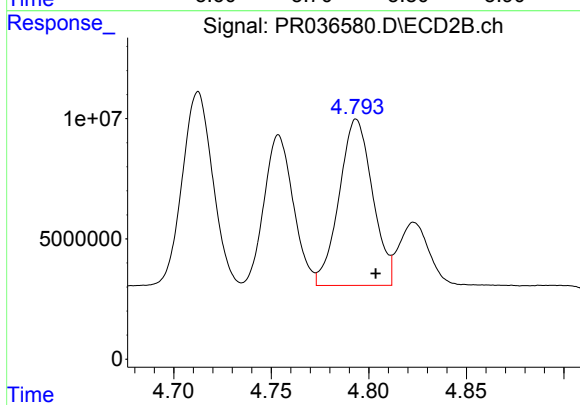
#13 AR-1232-3

R.T.: 4.712 min
Delta R.T.: -0.010 min
Response: 87875686
Conc: 1438.94 ng/ml



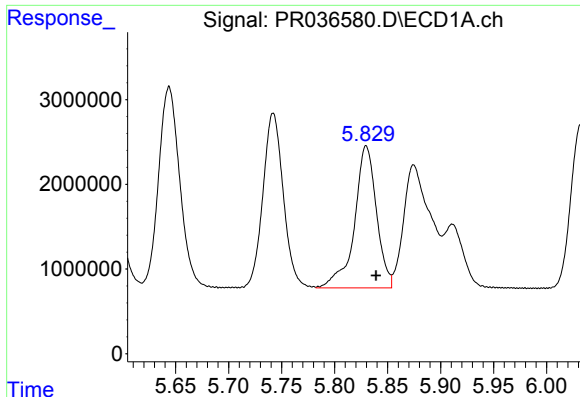
#14 AR-1232-4

R.T.: 5.742 min
Delta R.T.: -0.009 min
Response: 27605581
Conc: 1288.67 ng/ml



#14 AR-1232-4

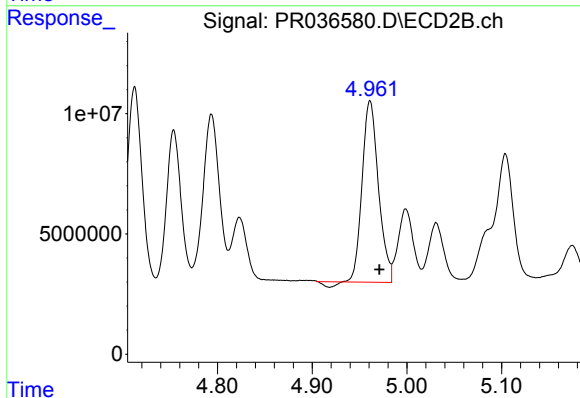
R.T.: 4.794 min
Delta R.T.: -0.010 min
Response: 82402533
Conc: 1565.80 ng/ml



#15 AR-1232-5

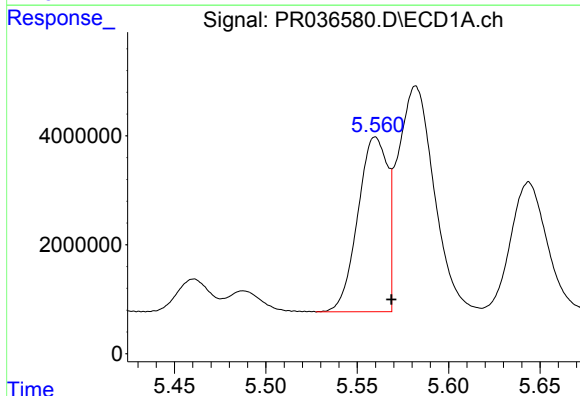
R.T.: 5.830 min
Delta R.T.: -0.009 min
Response: 24265595
Conc: 1418.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



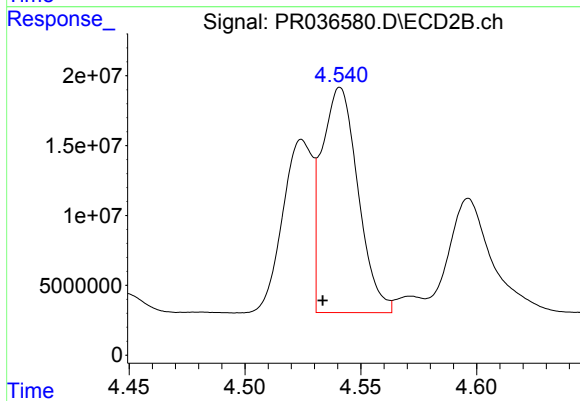
#15 AR-1232-5

R.T.: 4.961 min
Delta R.T.: -0.010 min
Response: 89177635
Conc: 1498.99 ng/ml



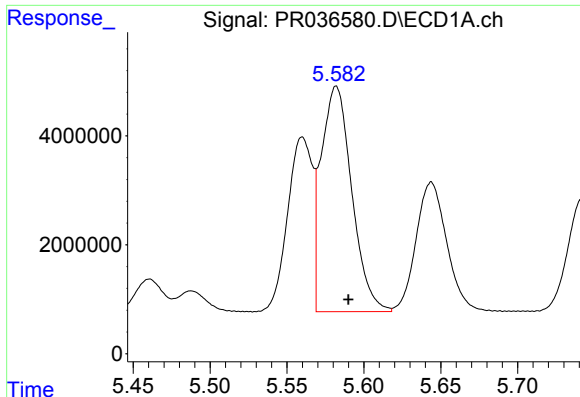
#16 AR-1242-1

R.T.: 5.560 min
Delta R.T.: -0.009 min
Response: 36149196
Conc: 813.90 ng/ml



#16 AR-1242-1

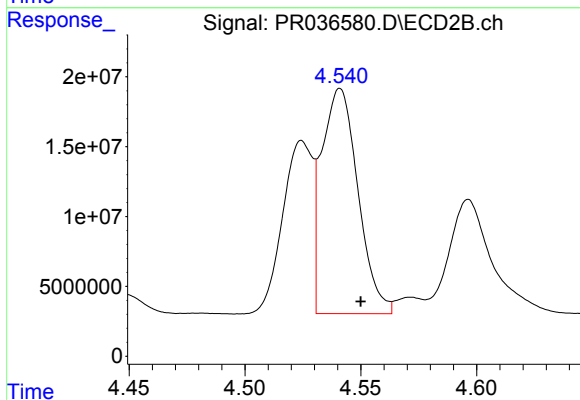
R.T.: 4.541 min
Delta R.T.: 0.008 min
Response: 175800722
Conc: 1427.03 ng/ml



#17 AR-1242-2

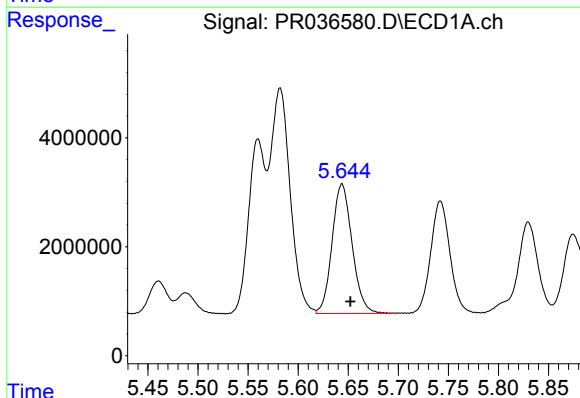
R.T.: 5.582 min
Delta R.T.: -0.008 min
Response: 57373989
Conc: 798.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



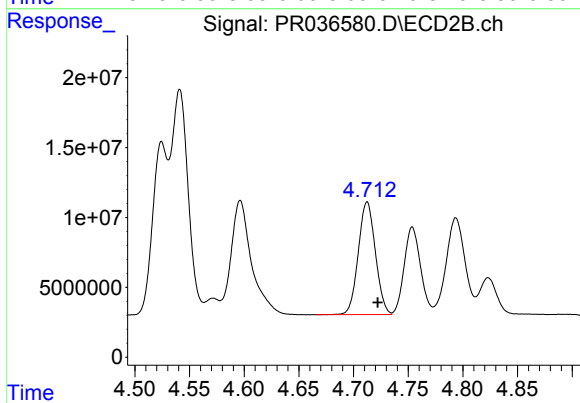
#17 AR-1242-2

R.T.: 4.541 min
Delta R.T.: -0.009 min
Response: 175800722
Conc: 869.30 ng/ml



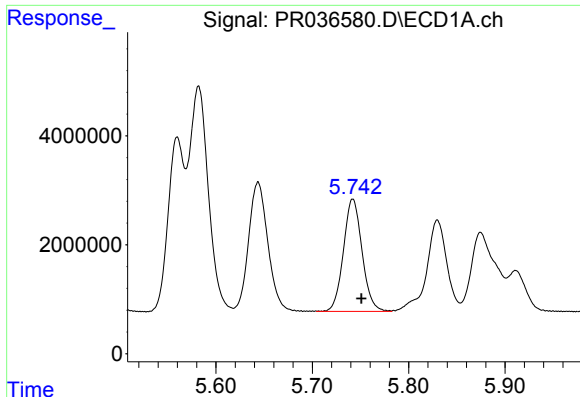
#18 AR-1242-3

R.T.: 5.644 min
Delta R.T.: -0.008 min
Response: 33095454
Conc: 754.78 ng/ml



#18 AR-1242-3

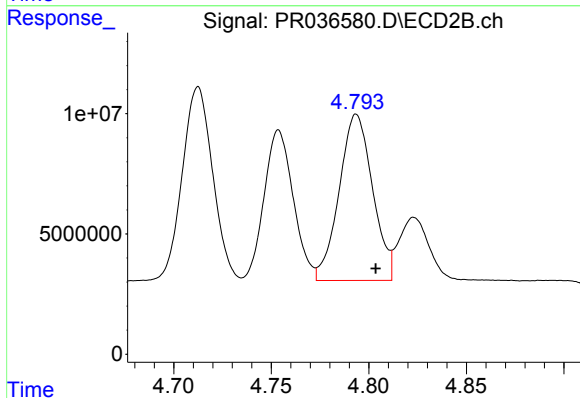
R.T.: 4.712 min
Delta R.T.: -0.010 min
Response: 87875686
Conc: 865.19 ng/ml



#19 AR-1242-4

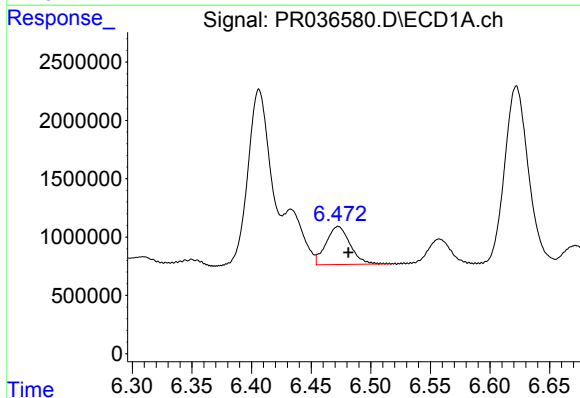
R.T.: 5.742 min
Delta R.T.: -0.009 min
Response: 27605581
Conc: 767.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



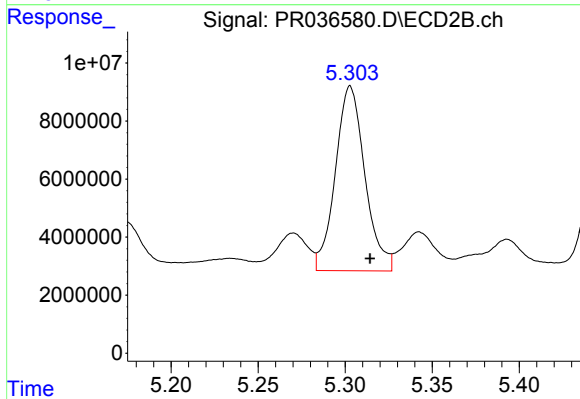
#19 AR-1242-4

R.T.: 4.794 min
Delta R.T.: -0.010 min
Response: 82402533
Conc: 848.92 ng/ml



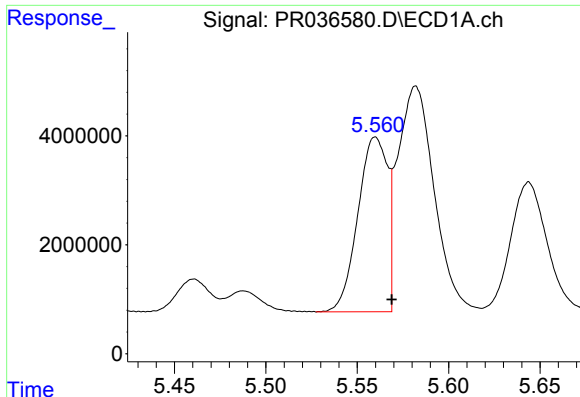
#20 AR-1242-5

R.T.: 6.473 min
Delta R.T.: -0.009 min
Response: 4609544
Conc: 105.42 ng/ml



#20 AR-1242-5

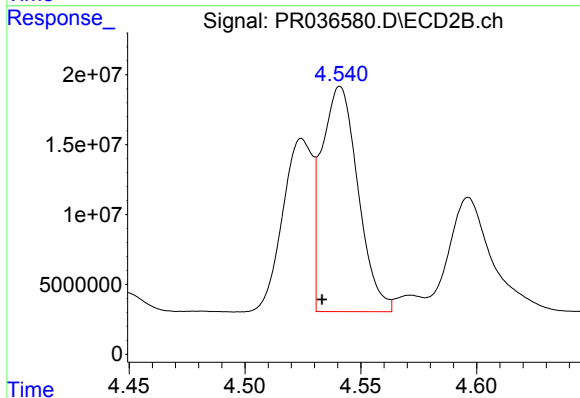
R.T.: 5.303 min
Delta R.T.: -0.011 min
Response: 75130325
Conc: 555.44 ng/ml



#21 AR-1248-1

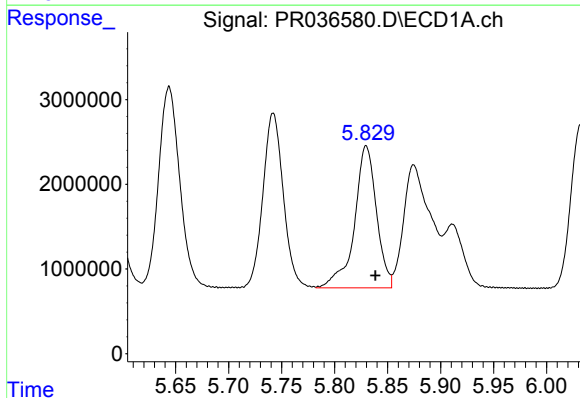
R.T.: 5.560 min
Delta R.T.: -0.009 min
Response: 36149196
Conc: 682.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



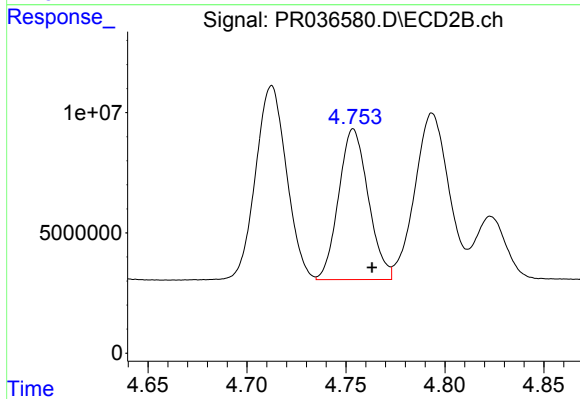
#21 AR-1248-1

R.T.: 4.541 min
Delta R.T.: 0.008 min
Response: 175800722
Conc: 1156.97 ng/ml



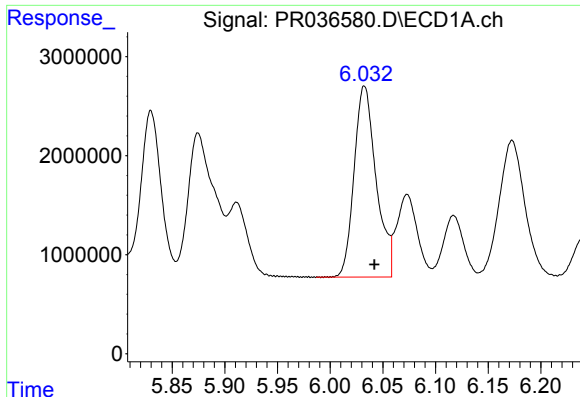
#22 AR-1248-2

R.T.: 5.830 min
Delta R.T.: -0.009 min
Response: 24265595
Conc: 307.65 ng/ml



#22 AR-1248-2

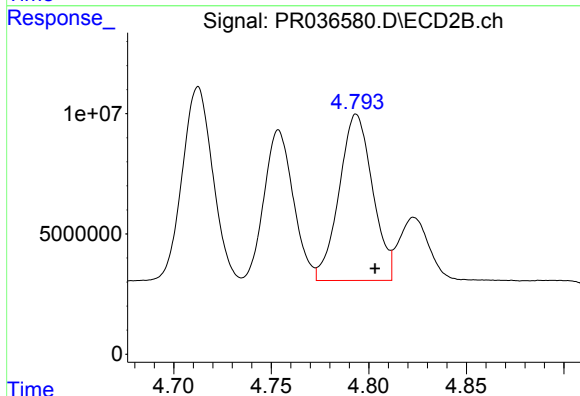
R.T.: 4.754 min
Delta R.T.: -0.009 min
Response: 65257890
Conc: 311.68 ng/ml



#23 AR-1248-3

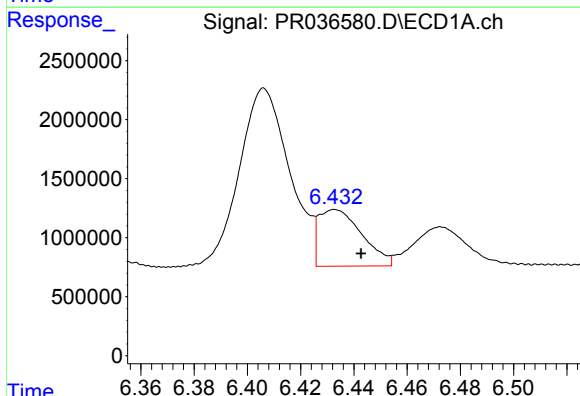
R.T.: 6.033 min
Delta R.T.: -0.009 min
Response: 28102563
Conc: 312.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



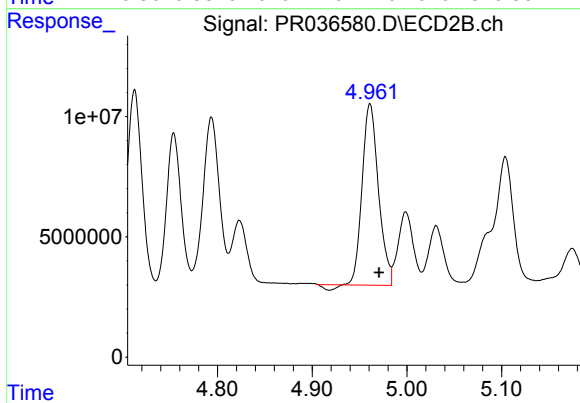
#23 AR-1248-3

R.T.: 4.794 min
Delta R.T.: -0.010 min
Response: 82402533
Conc: 382.83 ng/ml



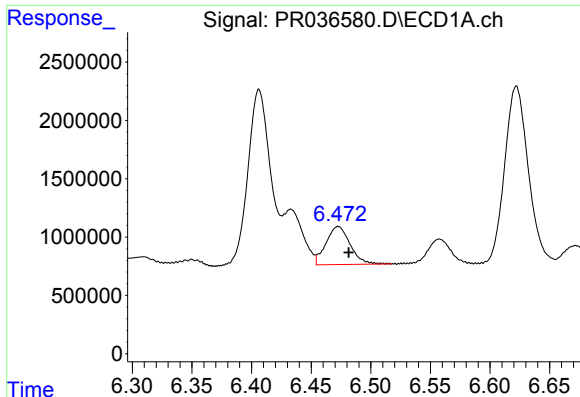
#24 AR-1248-4

R.T.: 6.433 min
Delta R.T.: -0.010 min
Response: 5436911
Conc: 51.23 ng/ml



#24 AR-1248-4

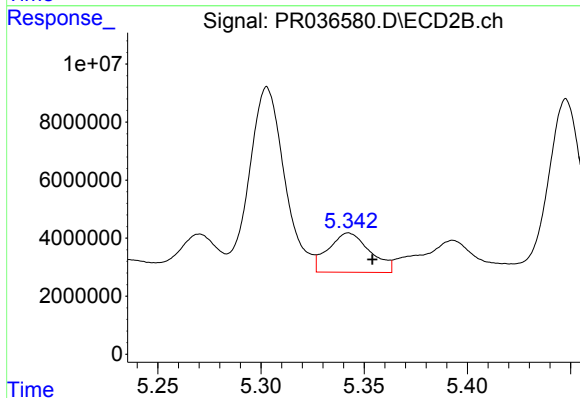
R.T.: 4.961 min
Delta R.T.: -0.010 min
Response: 89177635
Conc: 334.32 ng/ml



#25 AR-1248-5

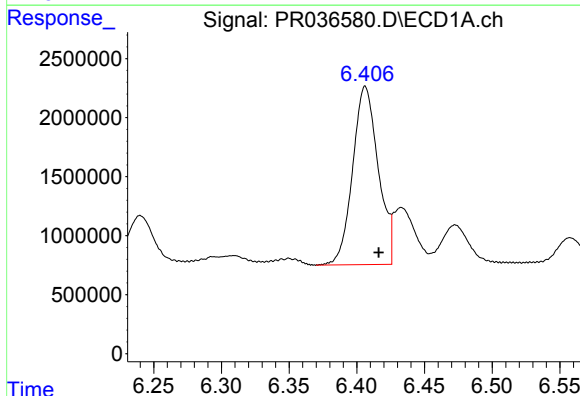
R.T.: 6.473 min
Delta R.T.: -0.009 min
Response: 4609544
Conc: 45.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



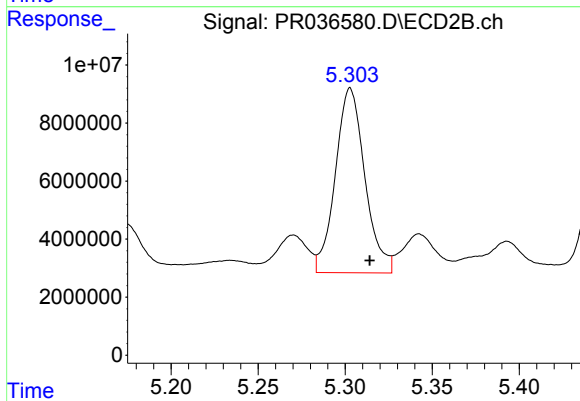
#25 AR-1248-5

R.T.: 5.342 min
Delta R.T.: -0.011 min
Response: 19084955
Conc: 63.14 ng/ml



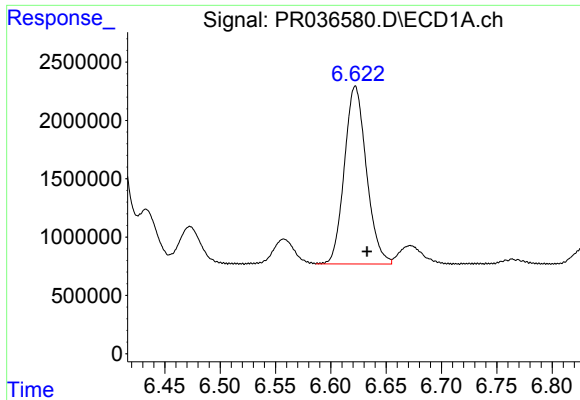
#26 AR-1254-1

R.T.: 6.406 min
Delta R.T.: -0.010 min
Response: 19852921
Conc: 260.71 ng/ml



#26 AR-1254-1

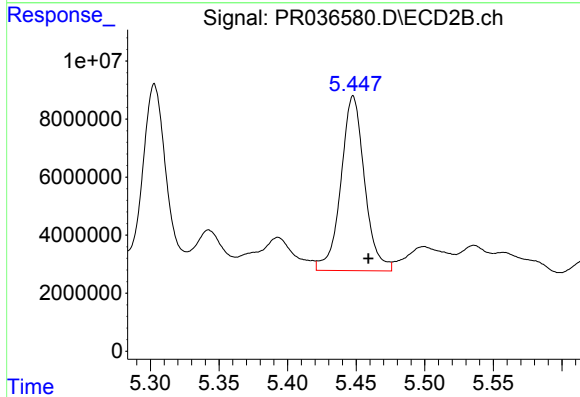
R.T.: 5.303 min
Delta R.T.: -0.011 min
Response: 75130325
Conc: 236.21 ng/ml



#27 AR-1254-2

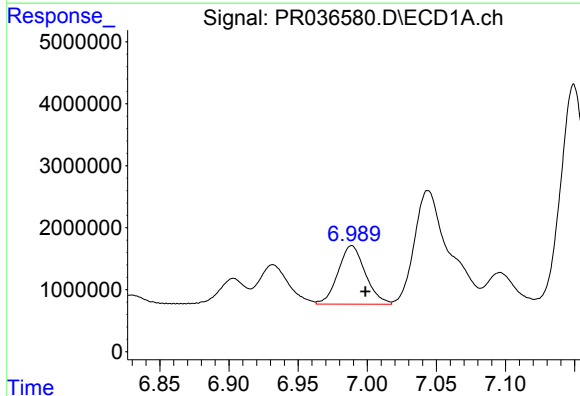
R.T.: 6.622 min
Delta R.T.: -0.011 min
Response: 21129974
Conc: 176.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



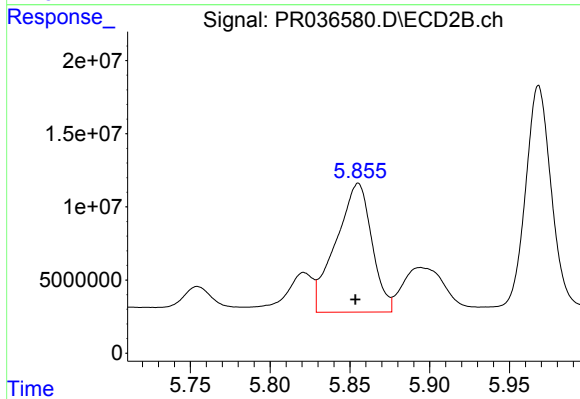
#27 AR-1254-2

R.T.: 5.448 min
Delta R.T.: -0.011 min
Response: 72305098
Conc: 258.83 ng/ml



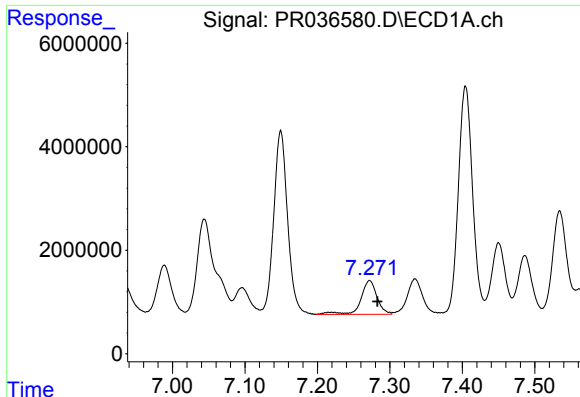
#28 AR-1254-3

R.T.: 6.989 min
Delta R.T.: -0.010 min
Response: 12958528
Conc: 98.11 ng/ml



#28 AR-1254-3

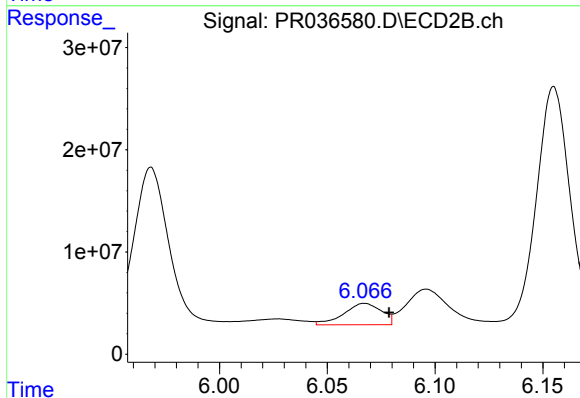
R.T.: 5.855 min
Delta R.T.: 0.002 min
Response: 137377947
Conc: 292.55 ng/ml



#29 AR-1254-4

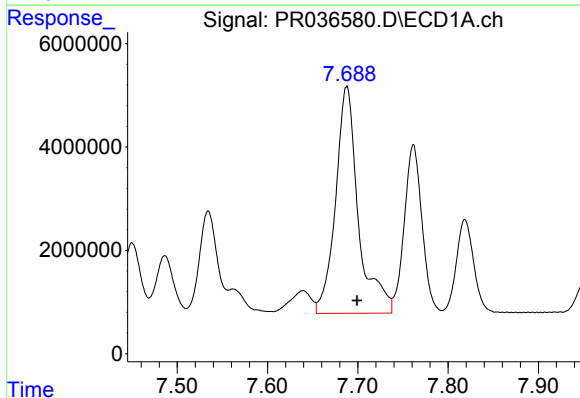
R.T.: 7.272 min
Delta R.T.: -0.011 min
Response: 10144860
Conc: 103.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



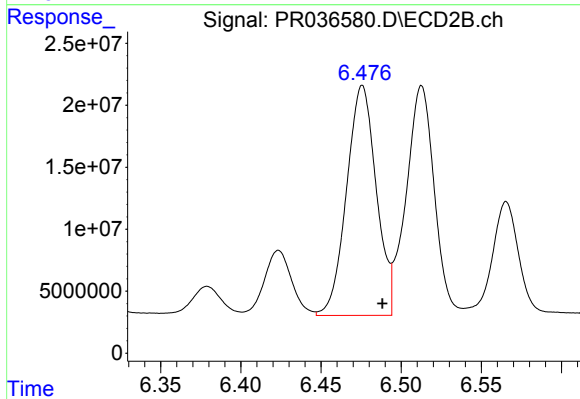
#29 AR-1254-4

R.T.: 6.067 min
Delta R.T.: -0.011 min
Response: 25346118
Conc: 72.75 ng/ml



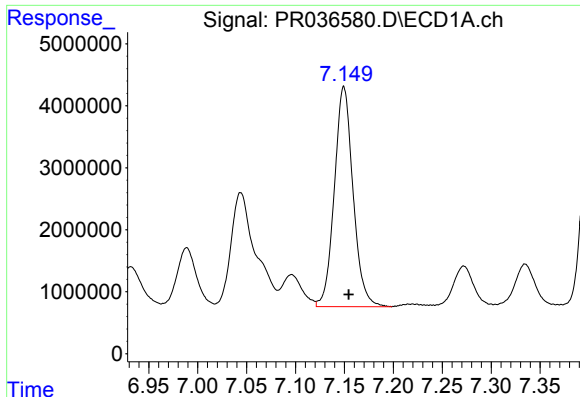
#30 AR-1254-5

R.T.: 7.688 min
Delta R.T.: -0.011 min
Response: 77035296
Conc: 630.10 ng/ml



#30 AR-1254-5

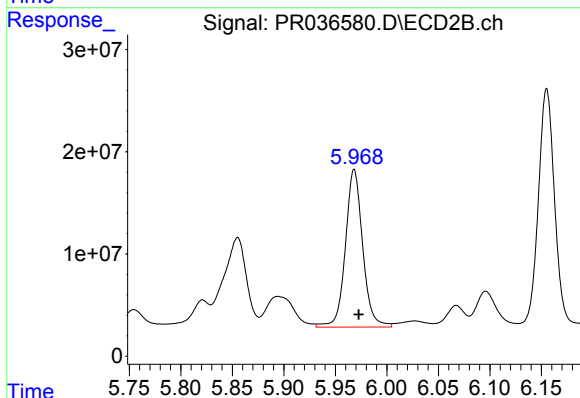
R.T.: 6.476 min
Delta R.T.: -0.013 min
Response: 239087435
Conc: 531.10 ng/ml



#31 AR-1260-1

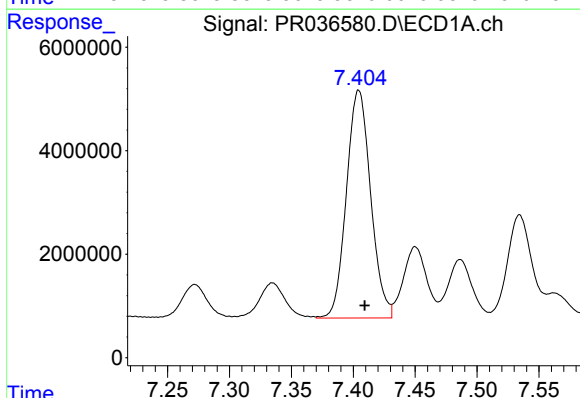
R.T.: 7.149 min
Delta R.T.: -0.005 min
Response: 47290154
Conc: 501.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



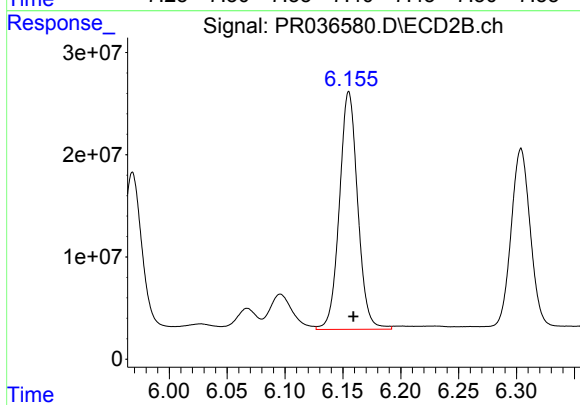
#31 AR-1260-1

R.T.: 5.968 min
Delta R.T.: -0.004 min
Response: 180526197
Conc: 605.56 ng/ml



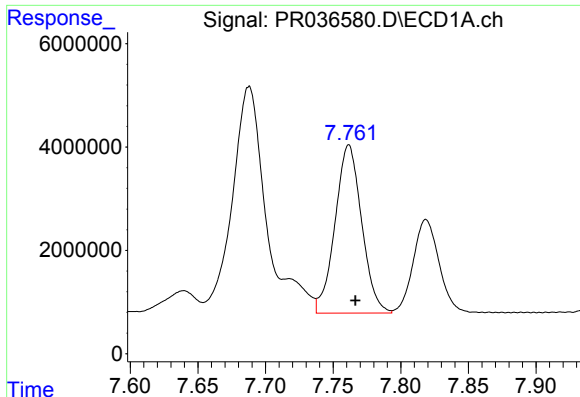
#32 AR-1260-2

R.T.: 7.404 min
Delta R.T.: -0.005 min
Response: 60021395
Conc: 526.03 ng/ml



#32 AR-1260-2

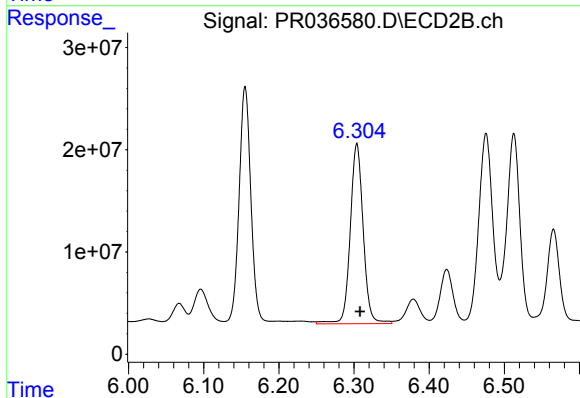
R.T.: 6.155 min
Delta R.T.: -0.004 min
Response: 256039932
Conc: 575.27 ng/ml



#33 AR-1260-3

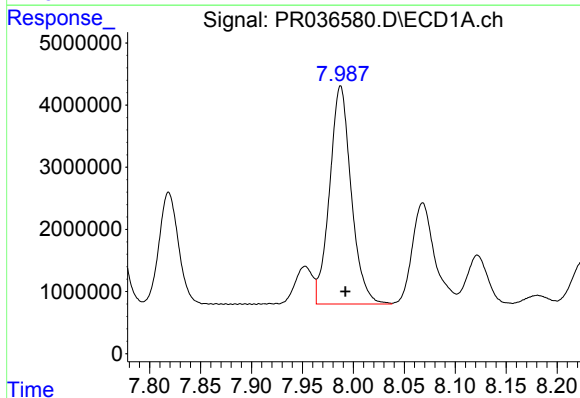
R.T.: 7.762 min
Delta R.T.: -0.005 min
Response: 44686023
Conc: 499.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



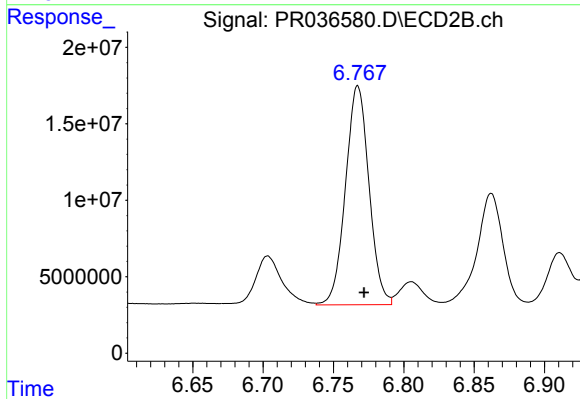
#33 AR-1260-3

R.T.: 6.304 min
Delta R.T.: -0.004 min
Response: 211696952
Conc: 587.05 ng/ml



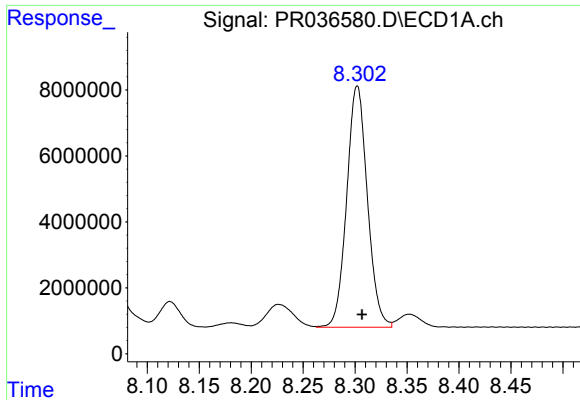
#34 AR-1260-4

R.T.: 7.987 min
Delta R.T.: -0.005 min
Response: 51850679
Conc: 505.90 ng/ml



#34 AR-1260-4

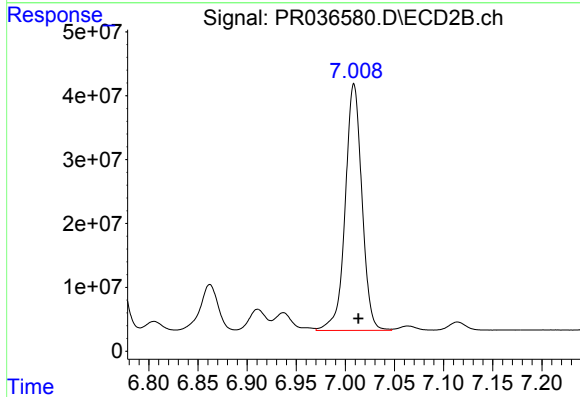
R.T.: 6.767 min
Delta R.T.: -0.005 min
Response: 166556523
Conc: 530.81 ng/ml



#35 AR-1260-5

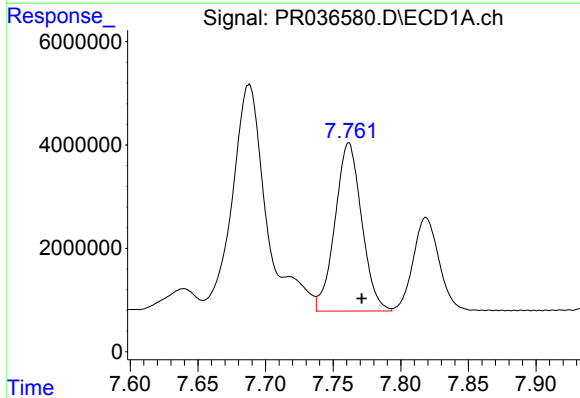
R.T.: 8.302 min
Delta R.T.: -0.005 min
Response: 101619327
Conc: 508.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



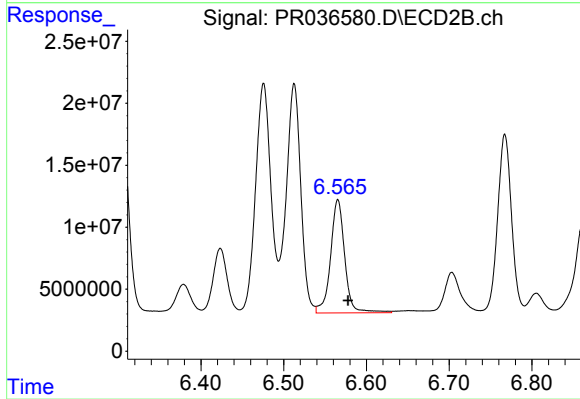
#35 AR-1260-5

R.T.: 7.009 min
Delta R.T.: -0.005 min
Response: 456761893
Conc: 498.93 ng/ml



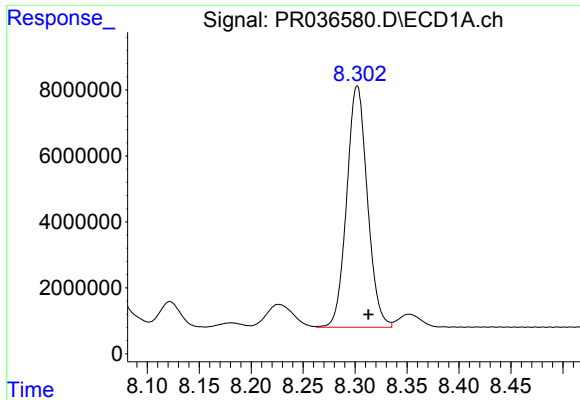
#36 AR-1262-1

R.T.: 7.762 min
Delta R.T.: -0.010 min
Response: 44686023
Conc: 330.60 ng/ml



#36 AR-1262-1

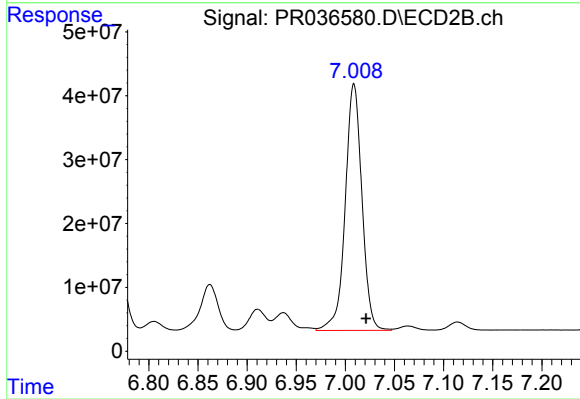
R.T.: 6.566 min
Delta R.T.: -0.012 min
Response: 108951953
Conc: 469.59 ng/ml



#37 AR-1262-2

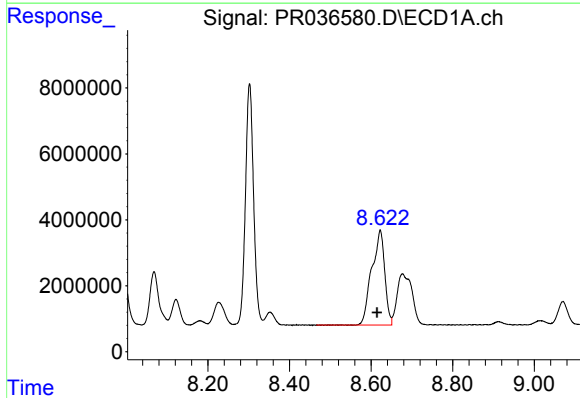
R.T.: 8.302 min
Delta R.T.: -0.011 min
Response: 101619327
Conc: 424.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



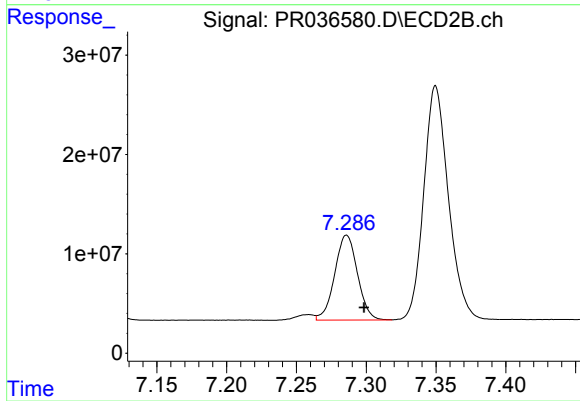
#37 AR-1262-2

R.T.: 7.009 min
Delta R.T.: -0.012 min
Response: 456761893
Conc: 404.91 ng/ml



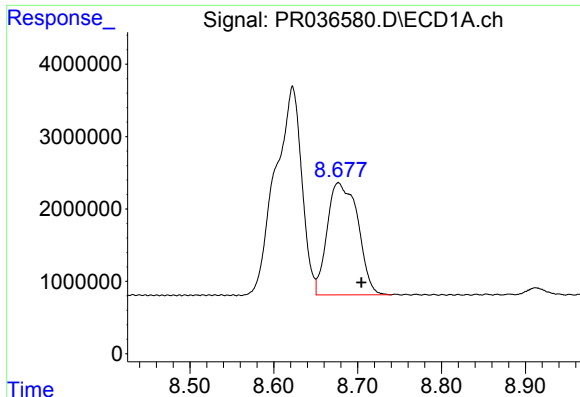
#38 AR-1262-3

R.T.: 8.622 min
Delta R.T.: 0.008 min
Response: 63334886
Conc: 403.01 ng/ml



#38 AR-1262-3

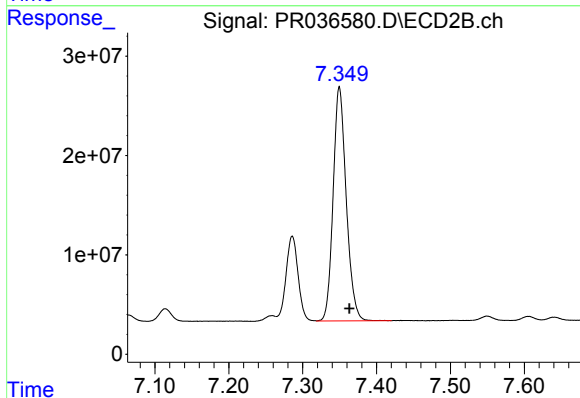
R.T.: 7.286 min
Delta R.T.: -0.013 min
Response: 97147756
Conc: 222.07 ng/ml



#39 AR-1262-4

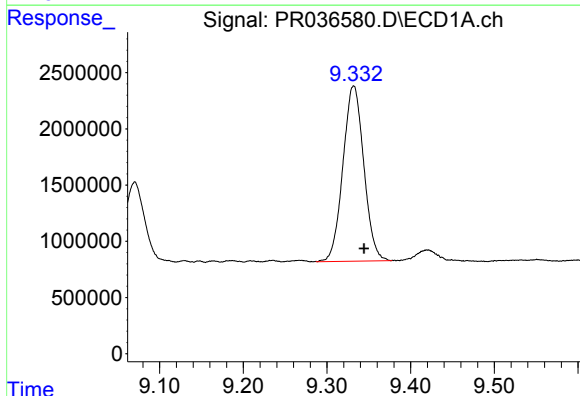
R.T.: 8.677 min
Delta R.T.: -0.027 min
Response: 39306323
Conc: 331.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



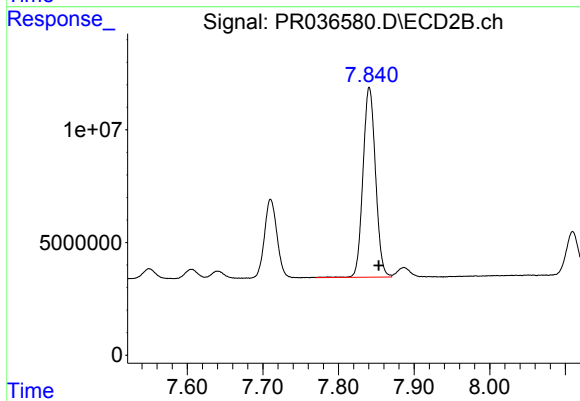
#39 AR-1262-4

R.T.: 7.350 min
Delta R.T.: -0.013 min
Response: 289913857
Conc: 387.87 ng/ml



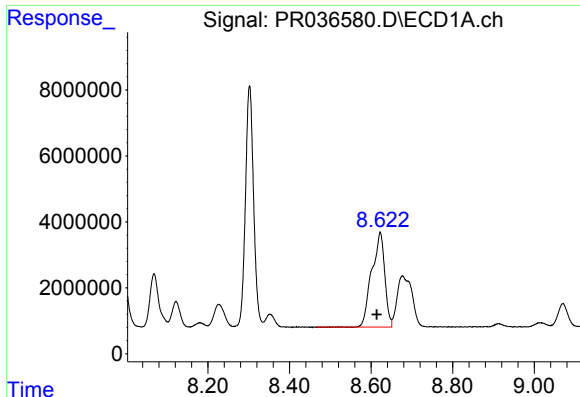
#40 AR-1262-5

R.T.: 9.332 min
Delta R.T.: -0.012 min
Response: 27023430
Conc: 338.17 ng/ml



#40 AR-1262-5

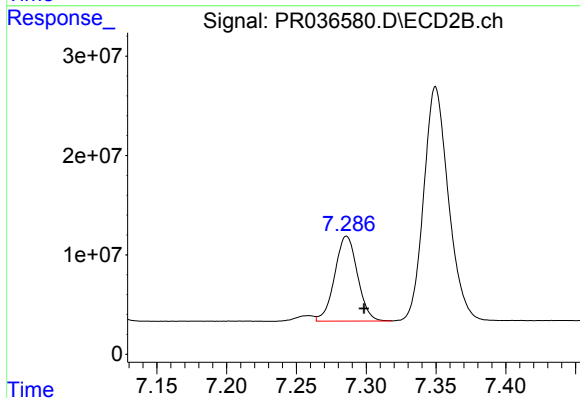
R.T.: 7.841 min
Delta R.T.: -0.013 min
Response: 97182827
Conc: 300.45 ng/ml



#41 AR-1268-1

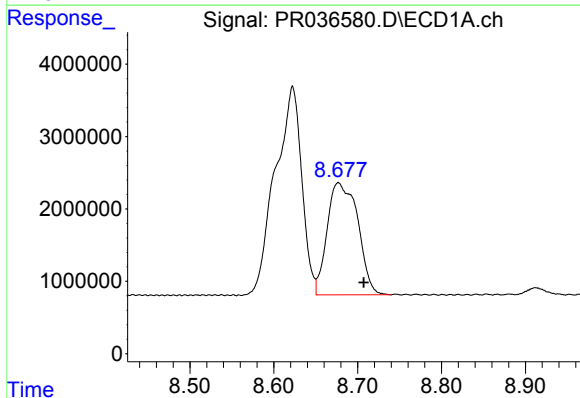
R.T.: 8.622 min
Delta R.T.: 0.009 min
Response: 63334886
Conc: 233.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



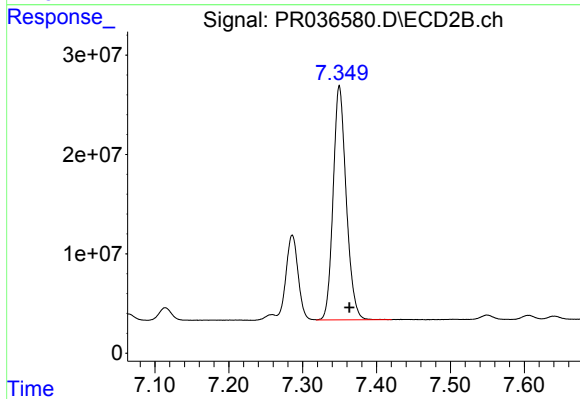
#41 AR-1268-1

R.T.: 7.286 min
Delta R.T.: -0.013 min
Response: 97147756
Conc: 73.98 ng/ml



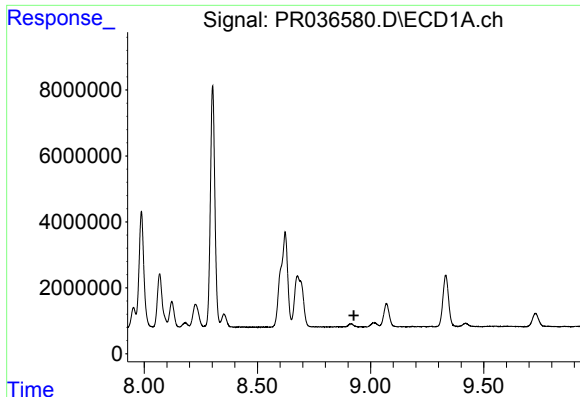
#42 AR-1268-2

R.T.: 8.677 min
Delta R.T.: -0.030 min
Response: 39306323
Conc: 159.82 ng/ml



#42 AR-1268-2

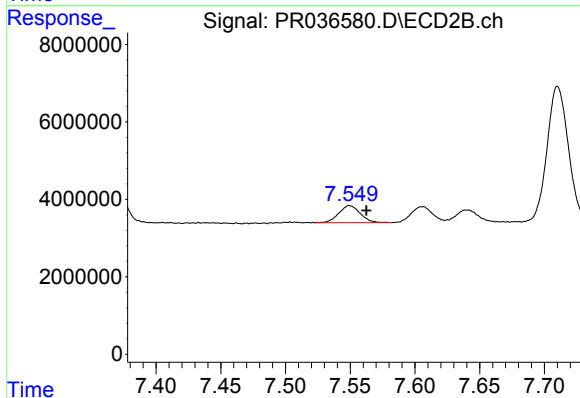
R.T.: 7.350 min
Delta R.T.: -0.013 min
Response: 289913857
Conc: 259.98 ng/ml



#43 AR-1268-3

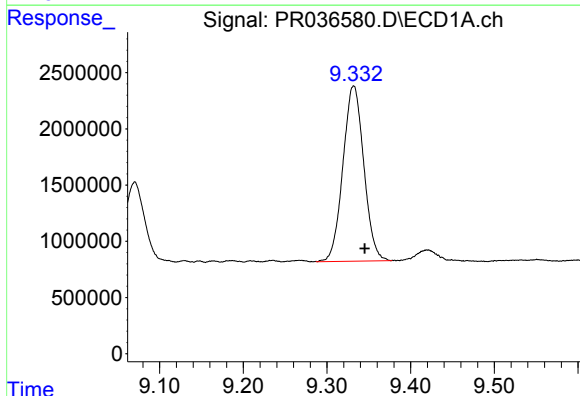
R.T.: 0.000 min
Exp R.T.: 8.926 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



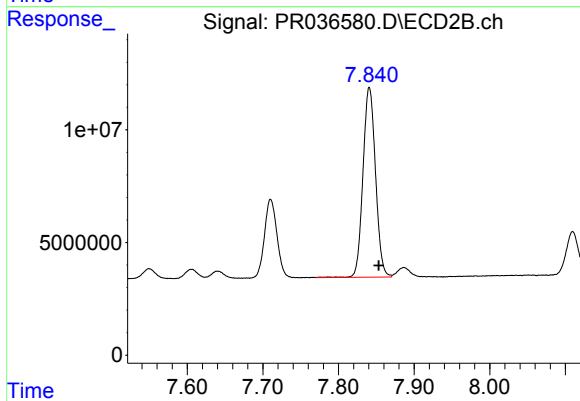
#43 AR-1268-3

R.T.: 7.550 min
Delta R.T.: -0.013 min
Response: 5077661
Conc: 5.45 ng/ml



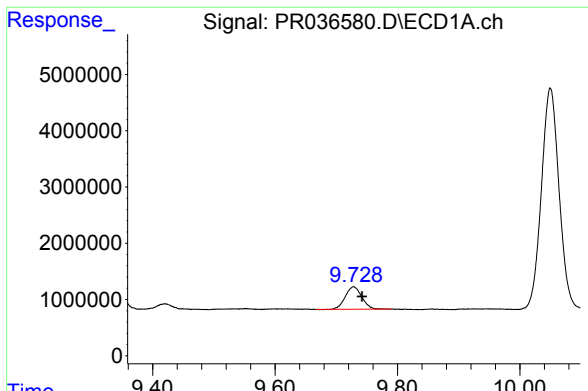
#44 AR-1268-4

R.T.: 9.332 min
Delta R.T.: -0.013 min
Response: 27023430
Conc: 307.18 ng/ml



#44 AR-1268-4

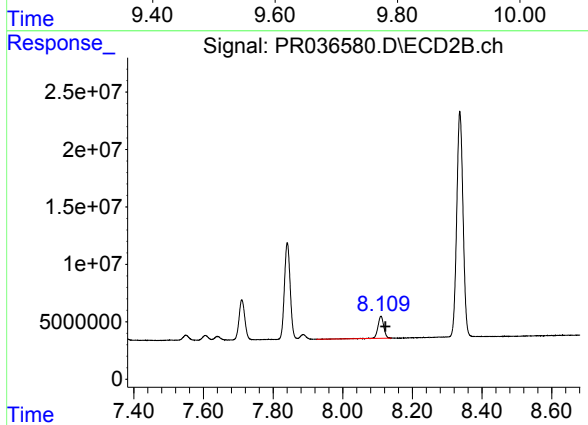
R.T.: 7.841 min
Delta R.T.: -0.013 min
Response: 97182827
Conc: 270.53 ng/ml



#45 AR-1268-5

R.T.: 9.728 min
Delta R.T.: -0.014 min
Response: 7501023
Conc: 11.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.110 min
Delta R.T.: -0.013 min
Response: 22771207
Conc: 9.21 ng/ml