

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121719\
 Data File : PR043944.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Dec 2019 14:40
 Operator : SM\AJ
 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: Dec 17 15:23:00 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR121519CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Dec 16 06:15:17 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...	4.718	3.971	88034609	236.0E6	22.026	21.379
2)	SA Decachlor...	10.629	9.060	173.5E6	395.0E6	36.357	39.150
Target Compounds							
3)	L1 AR-1016-1	5.895	5.063	70524407	148.7E6	443.850	430.880
4)	L1 AR-1016-2	5.917	5.082	101.6E6	204.6E6	447.132	425.379
5)	L1 AR-1016-3	5.980	5.261	60881278	101.0E6	452.693	463.412
6)	L1 AR-1016-4	6.080	5.300	50748450	76149730	449.377	421.793
7)	L1 AR-1016-5	6.374	5.517	51464407	106.2E6	455.541	449.273
8)	L2 AR-1221-1	4.922	4.180	5129650	14365210	132.116	125.854
9)	L2 AR-1221-2	5.015	4.269	6758413	19302006	249.565	236.584
10)	L2 AR-1221-3	5.093	4.345	29955871	81792376	305.430	293.155
11)	L3 AR-1232-1	5.093	4.345	29955871	81792376	373.860	354.458
12)	L3 AR-1232-2	5.627	5.082	46244297	204.6E6	1046.855	939.731
13)	L3 AR-1232-3	5.917	5.261	101.6E6	101.0E6	1064.743	1065.141
14)	L3 AR-1232-4	6.080	5.343	50748450	93422524	1084.242	1078.905
15)	L3 AR-1232-5	6.167	5.517	44937238	106.2E6	1312.517	1079.524
16)	L4 AR-1242-1	5.895	5.063	70524407	148.7E6	557.400	516.812
17)	L4 AR-1242-2	5.917	5.082	101.6E6	204.6E6	560.861	517.421
18)	L4 AR-1242-3	5.980	5.261	60881278	101.0E6	560.763	531.346
19)	L4 AR-1242-4	6.080	5.343	50748450	93422524	562.103	510.987
20)	L4 AR-1242-5	6.818	5.870	7906216	92771389	71.966	312.743 #
21)	L5 AR-1248-1	5.895	5.063	70524407	148.7E6	704.220	646.225
22)	L5 AR-1248-2	6.167	5.300	44937238	76149730	327.771	291.029
23)	L5 AR-1248-3	6.374	5.343	51464407	93422524	325.547	352.871
24)	L5 AR-1248-4	6.751	5.517	45927970	106.2E6	236.525	318.994 #
25)	L5 AR-1248-5	6.818	5.910	7906216	17538545	43.114	42.903
26)	L6 AR-1254-1	6.751	5.870	45927970	92771389	240.325	154.071 #
27)	L6 AR-1254-2	6.967	6.016	40153307	85749630	131.707	158.015
28)	L6 AR-1254-3	7.338	6.436	24005454	212.2E6	69.611	222.535 #
29)	L6 AR-1254-4	7.623	6.649	16900003	26712413	64.509	40.273 #
30)	L6 AR-1254-5	8.041	7.068	155.1E6	337.9E6	547.300	388.325 #
31)	L7 AR-1260-1	7.500	6.551	97146447	237.9E6	420.245	435.380
32)	L7 AR-1260-2	7.754	6.738	118.4E6	351.1E6	414.782	437.465
33)	L7 AR-1260-3	8.115	6.894	90789933	285.5E6	404.335	427.552
34)	L7 AR-1260-4	8.354	7.366	106.1E6	244.7E6	409.562	435.886
35)	L7 AR-1260-5	8.692	7.607	216.9E6	699.1E6	388.272	415.287
36)	L8 AR-1262-1	8.175	7.068	46932292	337.9E6	326.284	683.109 #
37)	L8 AR-1262-2	8.692	7.607	216.9E6	699.1E6	305.484	321.503
38)	L8 AR-1262-3	9.043	7.891	135.2E6	147.9E6	293.521	171.257 #
39)	L8 AR-1262-4	9.100	7.955	83099095	435.3E6	243.699	306.133 #
40)	L8 AR-1262-5	9.824	8.470	57276788	149.8E6	238.576	234.250
41)	L9 AR-1268-1	9.043	7.891	135.2E6	147.9E6	167.904	60.496 #

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 Acq On : 17 Dec 2019 14:40
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

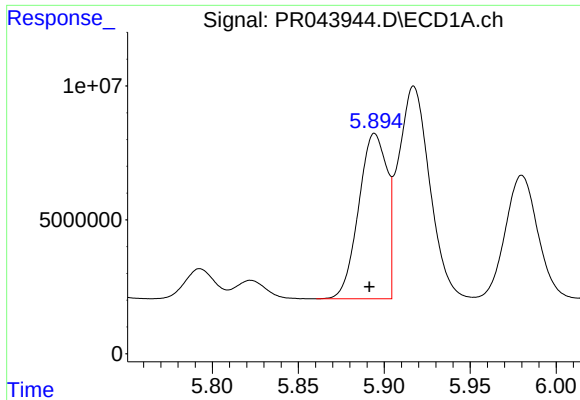
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 17 15:23:00 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR121519CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Dec 16 06:15:17 2019
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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
42) L9	AR-1268-2	9.100	7.955	83099095	435.3E6	112.782	208.110 #
43) L9	AR-1268-3	9.365	8.166	3506576	9550524	5.698	5.304
44) L9	AR-1268-4	9.824	8.470	57276788	149.8E6	216.503	212.520
45) L9	AR-1268-5	10.267	8.784	15618700	36493299	7.573	7.478

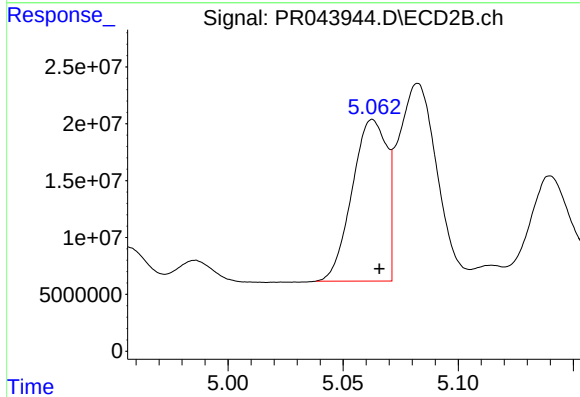
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

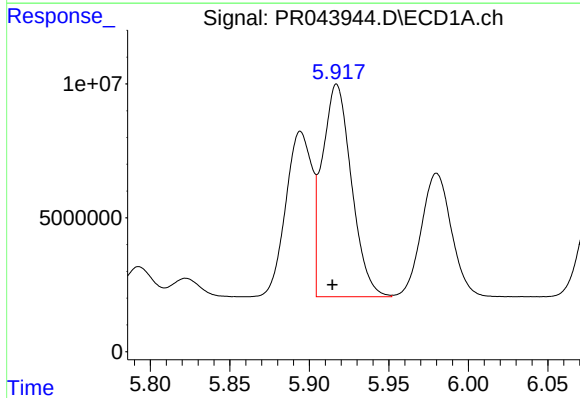
R.T.: 5.895 min
Delta R.T.: 0.003 min
Response: 70524407
Conc: 443.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



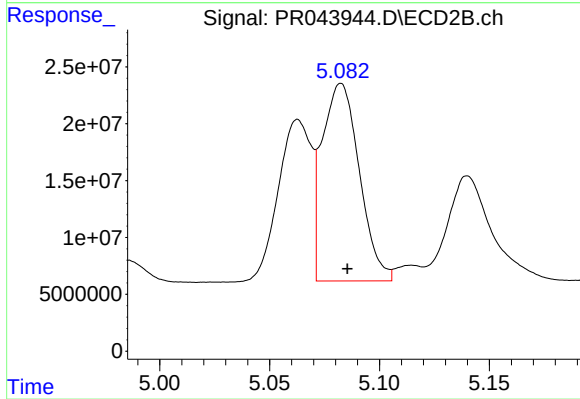
#3 AR-1016-1

R.T.: 5.063 min
Delta R.T.: -0.003 min
Response: 148685921
Conc: 430.88 ng/ml



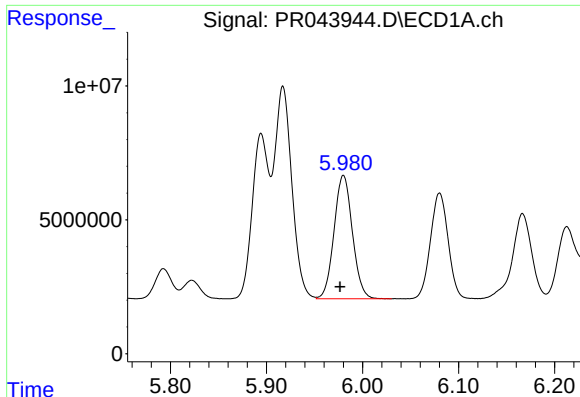
#4 AR-1016-2

R.T.: 5.917 min
Delta R.T.: 0.003 min
Response: 101630029
Conc: 447.13 ng/ml



#4 AR-1016-2

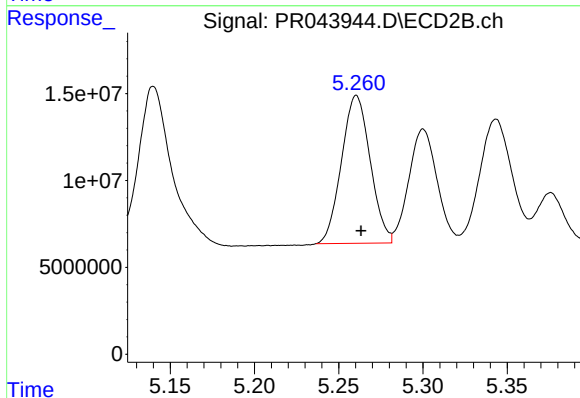
R.T.: 5.082 min
Delta R.T.: -0.003 min
Response: 204608373
Conc: 425.38 ng/ml



#5 AR-1016-3

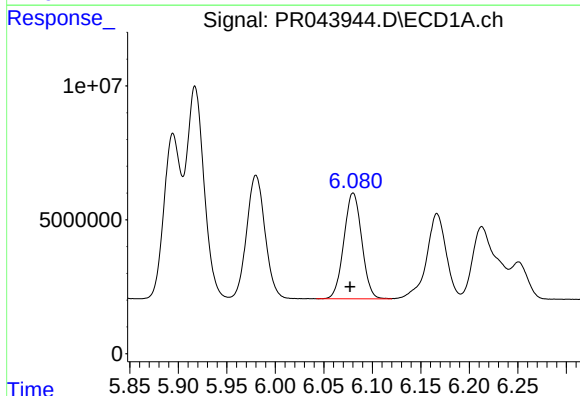
R.T.: 5.980 min
Delta R.T.: 0.003 min
Response: 60881278
Conc: 452.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



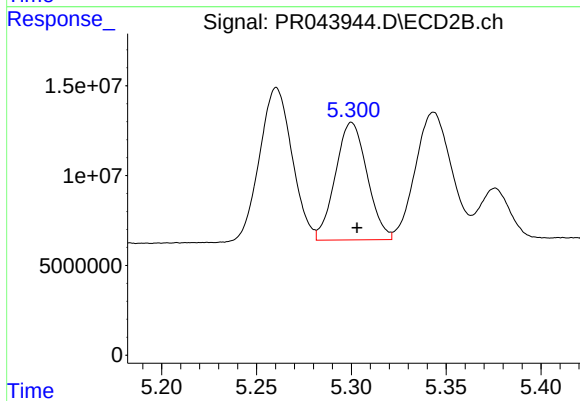
#5 AR-1016-3

R.T.: 5.261 min
Delta R.T.: -0.003 min
Response: 100987154
Conc: 463.41 ng/ml



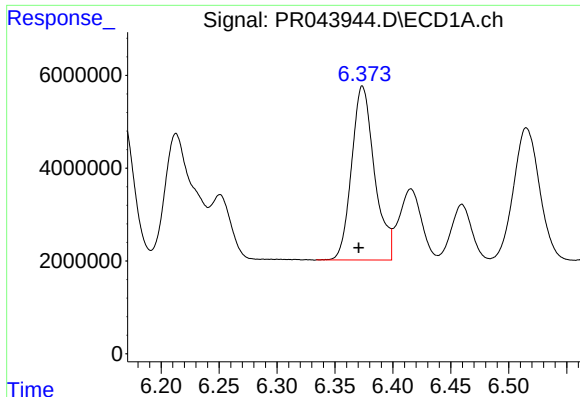
#6 AR-1016-4

R.T.: 6.080 min
Delta R.T.: 0.003 min
Response: 50748450
Conc: 449.38 ng/ml



#6 AR-1016-4

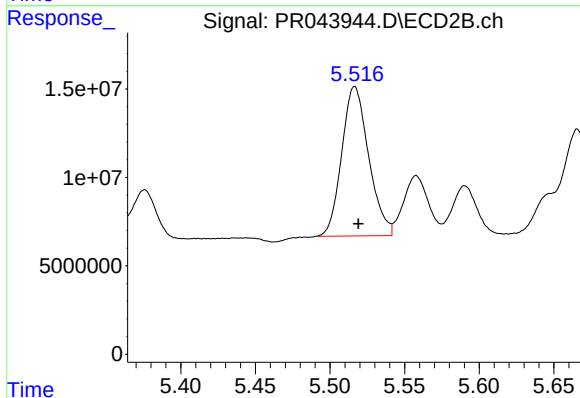
R.T.: 5.300 min
Delta R.T.: -0.003 min
Response: 76149730
Conc: 421.79 ng/ml



#7 AR-1016-5

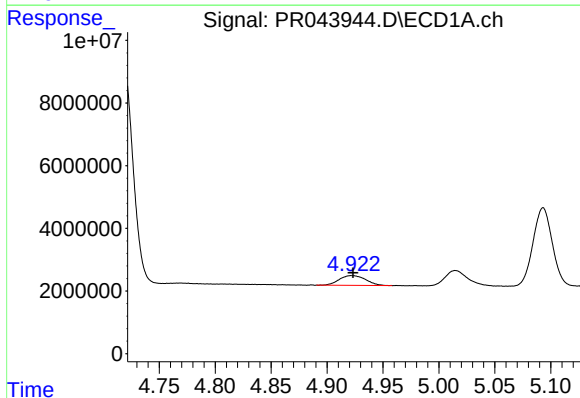
R.T.: 6.374 min
Delta R.T.: 0.003 min
Response: 51464407
Conc: 455.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



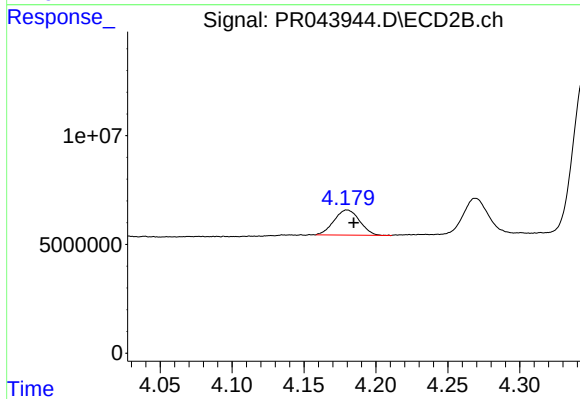
#7 AR-1016-5

R.T.: 5.517 min
Delta R.T.: -0.003 min
Response: 106151733
Conc: 449.27 ng/ml



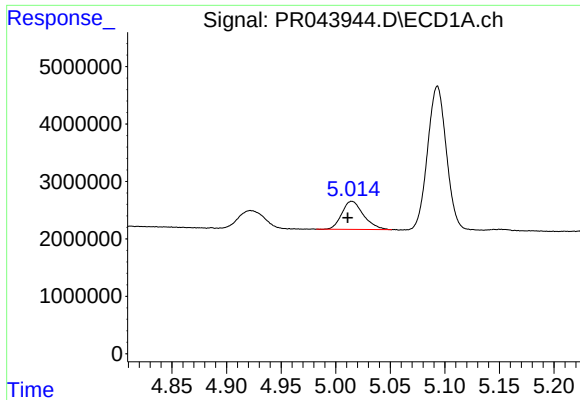
#8 AR-1221-1

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 5129650
Conc: 132.12 ng/ml



#8 AR-1221-1

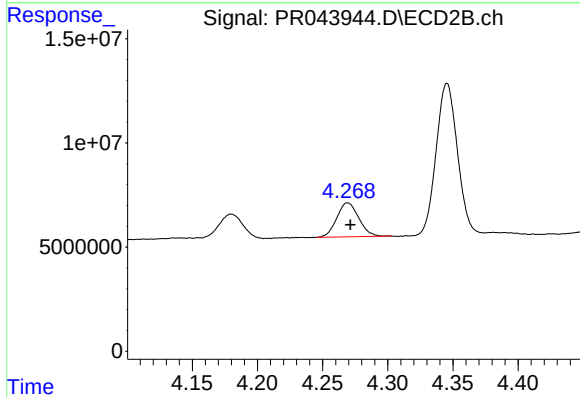
R.T.: 4.180 min
Delta R.T.: -0.005 min
Response: 14365210
Conc: 125.85 ng/ml



#9 AR-1221-2

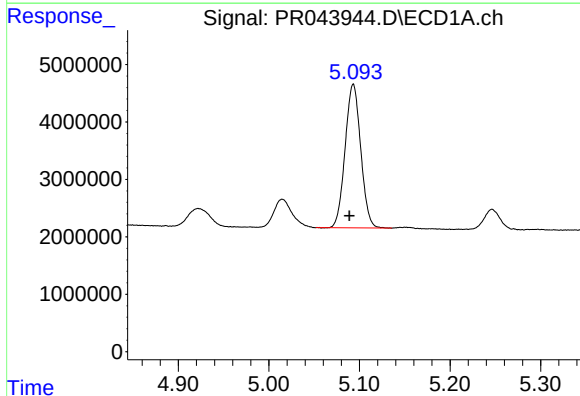
R.T.: 5.015 min
Delta R.T.: 0.004 min
Response: 6758413
Conc: 249.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



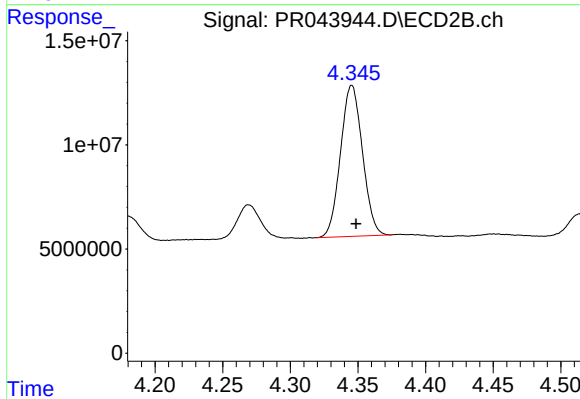
#9 AR-1221-2

R.T.: 4.269 min
Delta R.T.: -0.002 min
Response: 19302006
Conc: 236.58 ng/ml



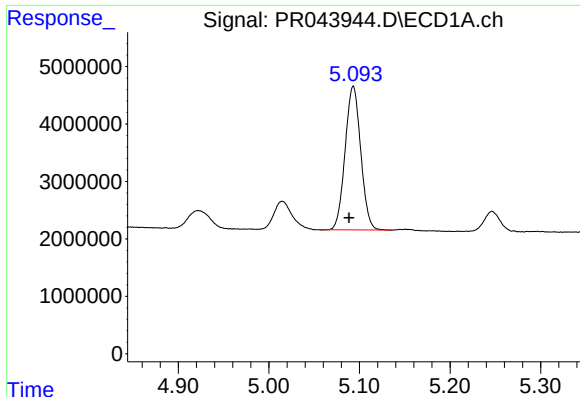
#10 AR-1221-3

R.T.: 5.093 min
Delta R.T.: 0.004 min
Response: 29955871
Conc: 305.43 ng/ml



#10 AR-1221-3

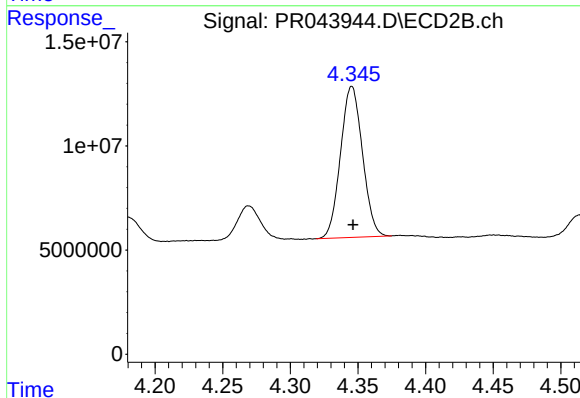
R.T.: 4.345 min
Delta R.T.: -0.003 min
Response: 81792376
Conc: 293.16 ng/ml



#11 AR-1232-1

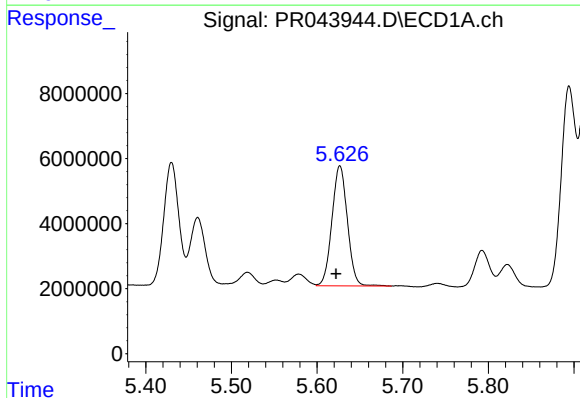
R.T.: 5.093 min
Delta R.T.: 0.005 min
Response: 29955871
Conc: 373.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



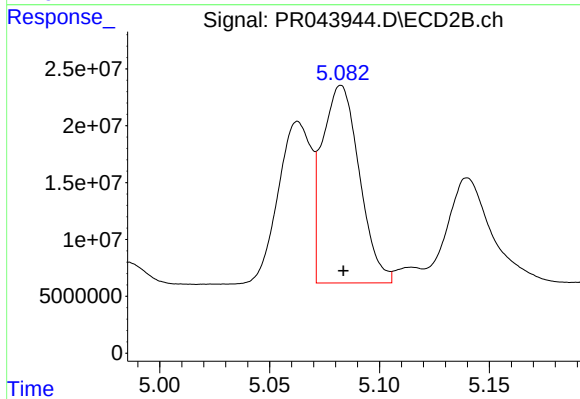
#11 AR-1232-1

R.T.: 4.345 min
Delta R.T.: 0.000 min
Response: 81792376
Conc: 354.46 ng/ml



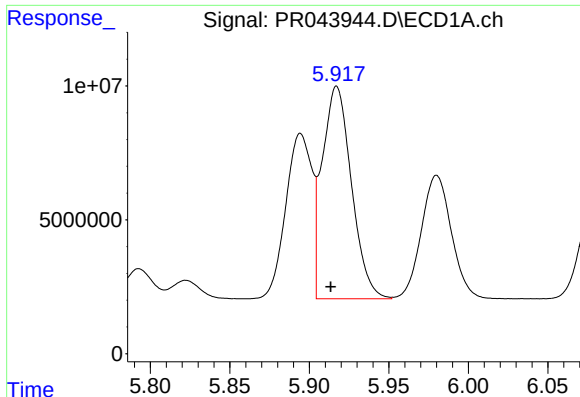
#12 AR-1232-2

R.T.: 5.627 min
Delta R.T.: 0.004 min
Response: 46244297
Conc: 1046.85 ng/ml



#12 AR-1232-2

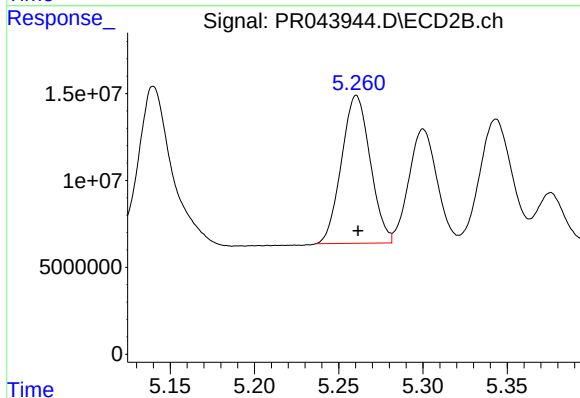
R.T.: 5.082 min
Delta R.T.: -0.001 min
Response: 204608373
Conc: 939.73 ng/ml



#13 AR-1232-3

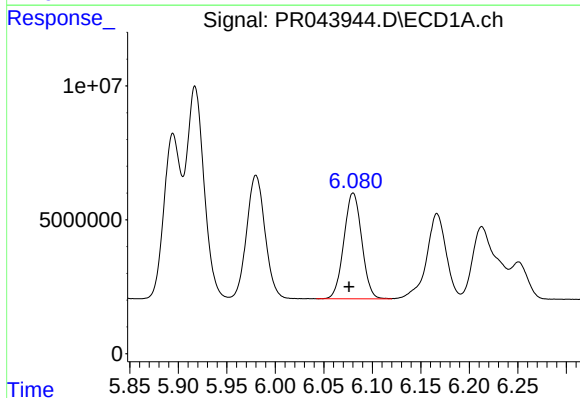
R.T.: 5.917 min
Delta R.T.: 0.004 min
Response: 101630029
Conc: 1064.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



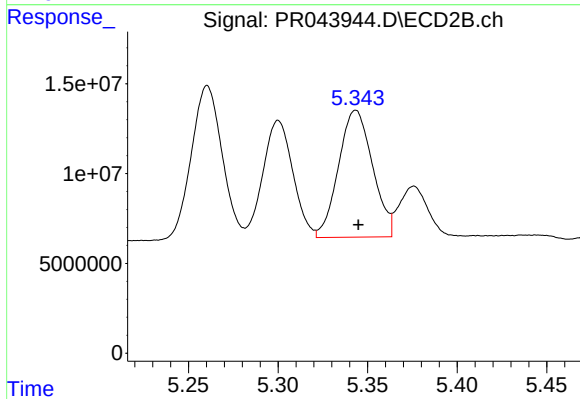
#13 AR-1232-3

R.T.: 5.261 min
Delta R.T.: 0.000 min
Response: 100987154
Conc: 1065.14 ng/ml



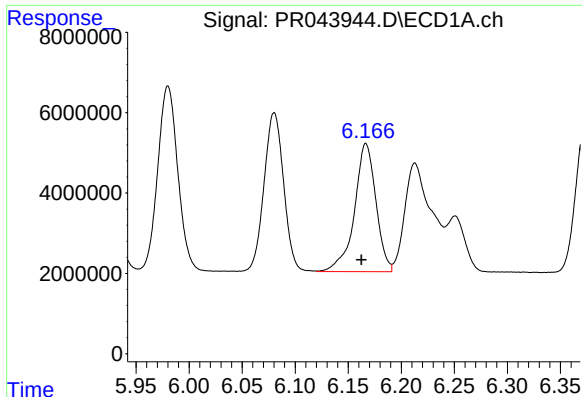
#14 AR-1232-4

R.T.: 6.080 min
Delta R.T.: 0.004 min
Response: 50748450
Conc: 1084.24 ng/ml



#14 AR-1232-4

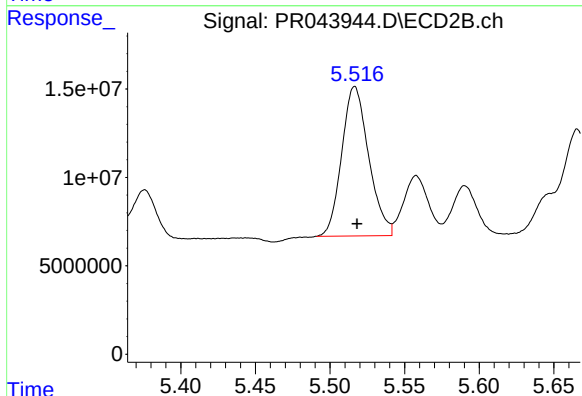
R.T.: 5.343 min
Delta R.T.: -0.002 min
Response: 93422524
Conc: 1078.91 ng/ml



#15 AR-1232-5

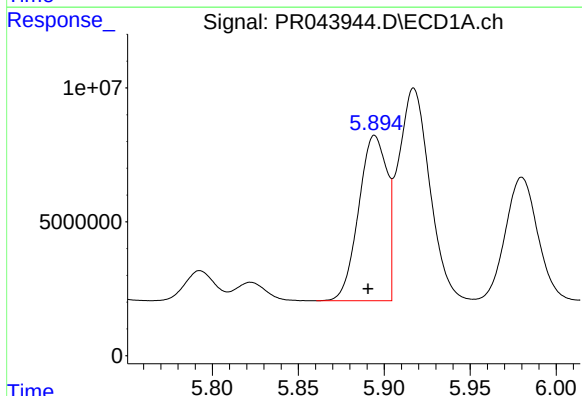
R.T.: 6.167 min
Delta R.T.: 0.004 min
Response: 44937238
Conc: 1312.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



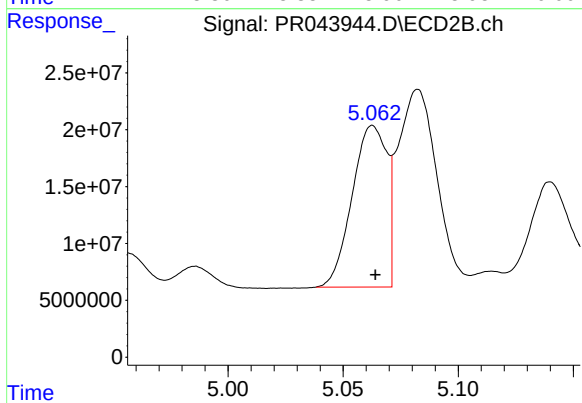
#15 AR-1232-5

R.T.: 5.517 min
Delta R.T.: -0.002 min
Response: 106151733
Conc: 1079.52 ng/ml



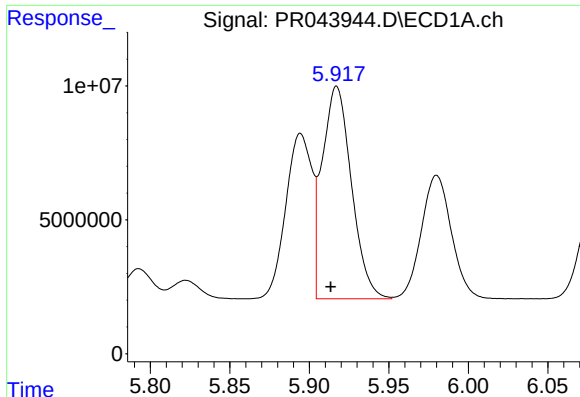
#16 AR-1242-1

R.T.: 5.895 min
Delta R.T.: 0.004 min
Response: 70524407
Conc: 557.40 ng/ml



#16 AR-1242-1

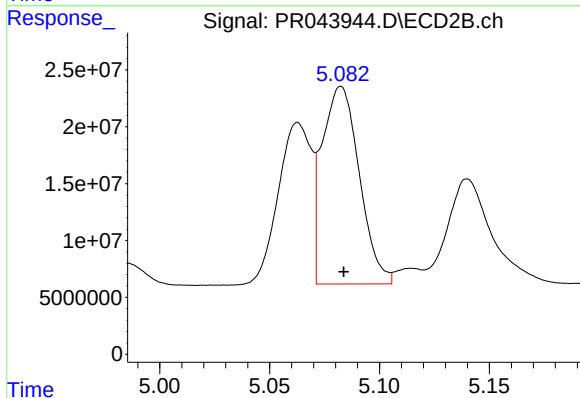
R.T.: 5.063 min
Delta R.T.: -0.001 min
Response: 148685921
Conc: 516.81 ng/ml



#17 AR-1242-2

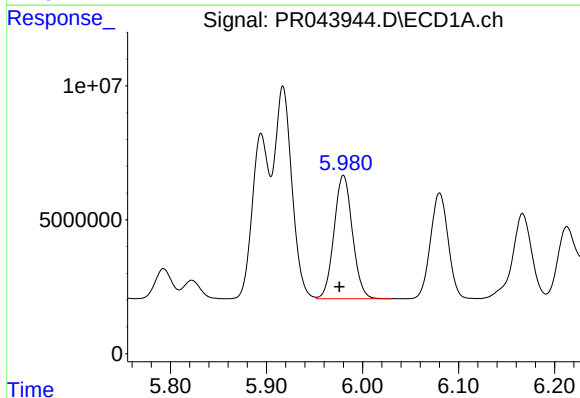
R.T.: 5.917 min
Delta R.T.: 0.004 min
Response: 101630029
Conc: 560.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



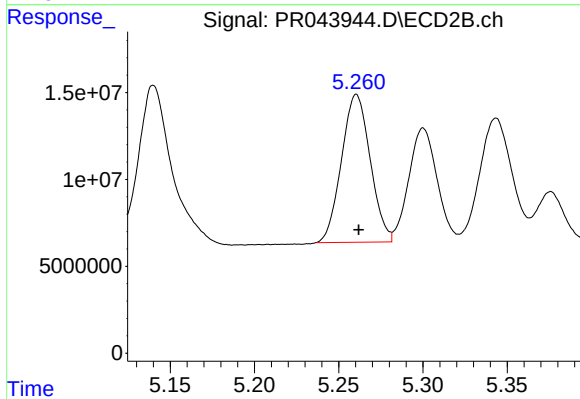
#17 AR-1242-2

R.T.: 5.082 min
Delta R.T.: -0.001 min
Response: 204608373
Conc: 517.42 ng/ml



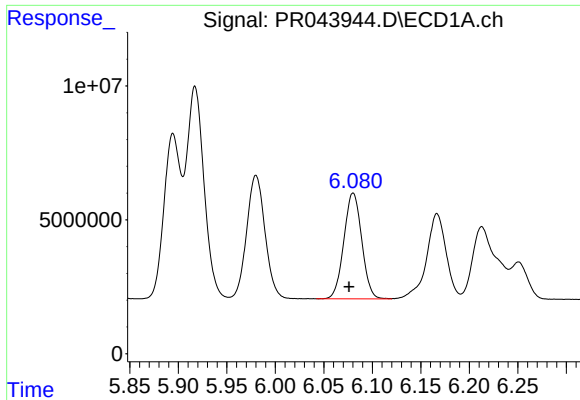
#18 AR-1242-3

R.T.: 5.980 min
Delta R.T.: 0.004 min
Response: 60881278
Conc: 560.76 ng/ml



#18 AR-1242-3

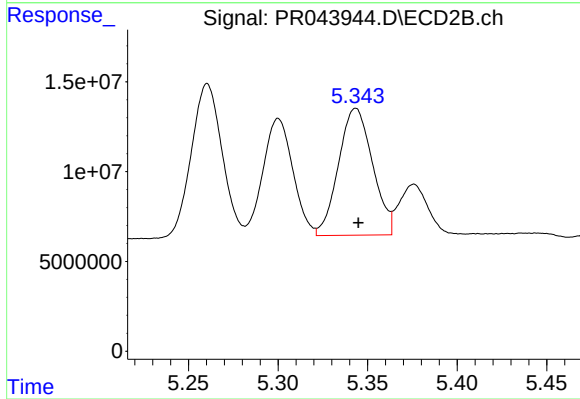
R.T.: 5.261 min
Delta R.T.: -0.001 min
Response: 100987154
Conc: 531.35 ng/ml



#19 AR-1242-4

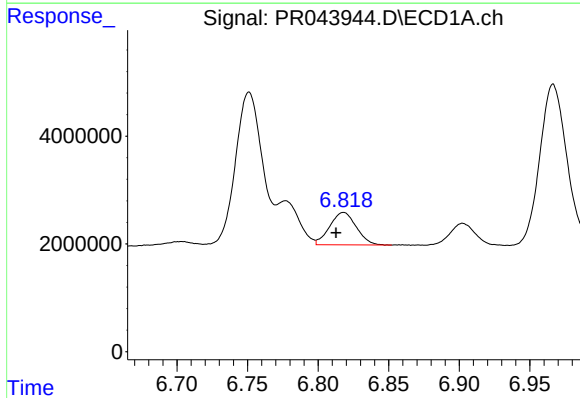
R.T.: 6.080 min
Delta R.T.: 0.004 min
Response: 50748450
Conc: 562.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



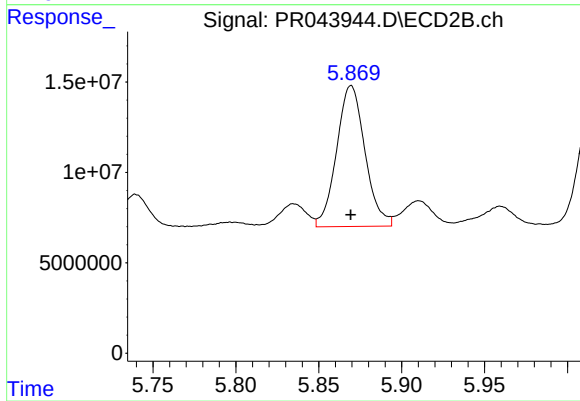
#19 AR-1242-4

R.T.: 5.343 min
Delta R.T.: -0.002 min
Response: 93422524
Conc: 510.99 ng/ml



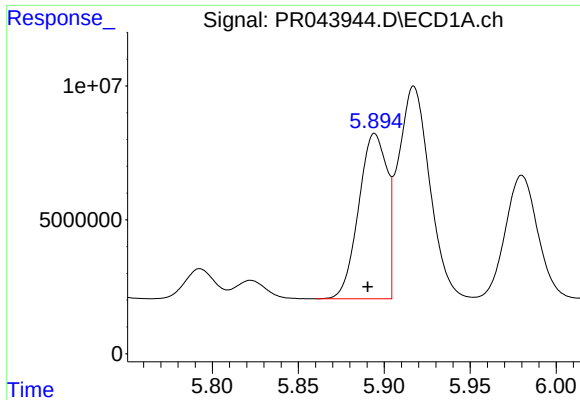
#20 AR-1242-5

R.T.: 6.818 min
Delta R.T.: 0.005 min
Response: 7906216
Conc: 71.97 ng/ml



#20 AR-1242-5

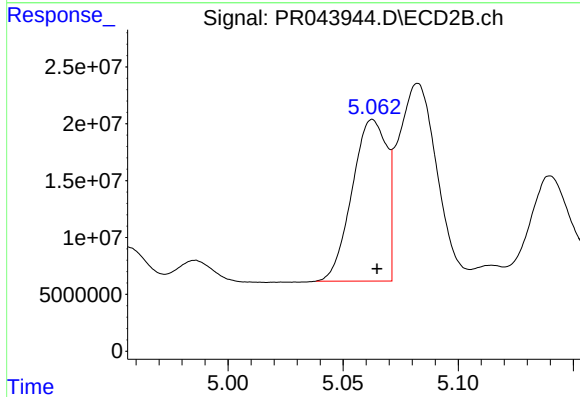
R.T.: 5.870 min
Delta R.T.: 0.000 min
Response: 92771389
Conc: 312.74 ng/ml



#21 AR-1248-1

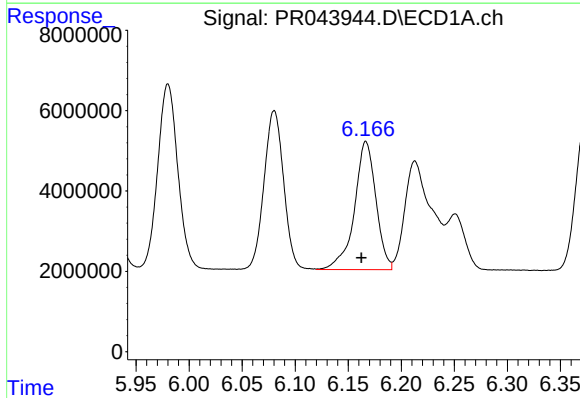
R.T.: 5.895 min
Delta R.T.: 0.004 min
Response: 70524407
Conc: 704.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



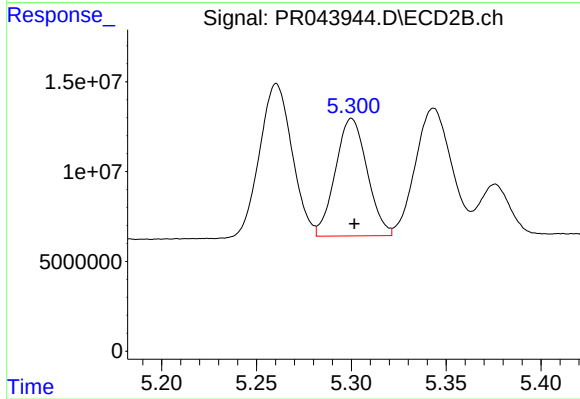
#21 AR-1248-1

R.T.: 5.063 min
Delta R.T.: -0.002 min
Response: 148685921
Conc: 646.22 ng/ml



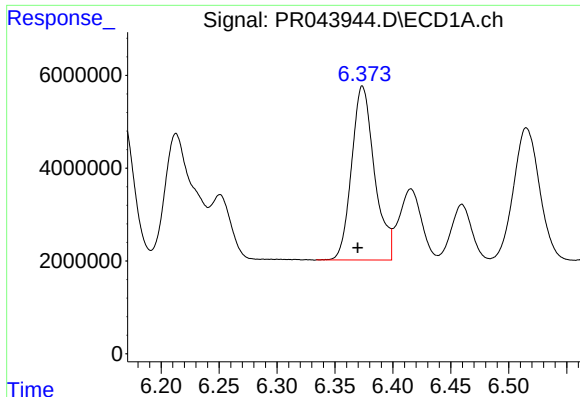
#22 AR-1248-2

R.T.: 6.167 min
Delta R.T.: 0.004 min
Response: 44937238
Conc: 327.77 ng/ml



#22 AR-1248-2

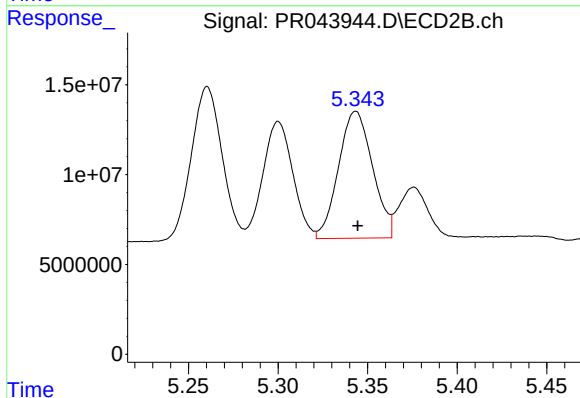
R.T.: 5.300 min
Delta R.T.: -0.001 min
Response: 76149730
Conc: 291.03 ng/ml



#23 AR-1248-3

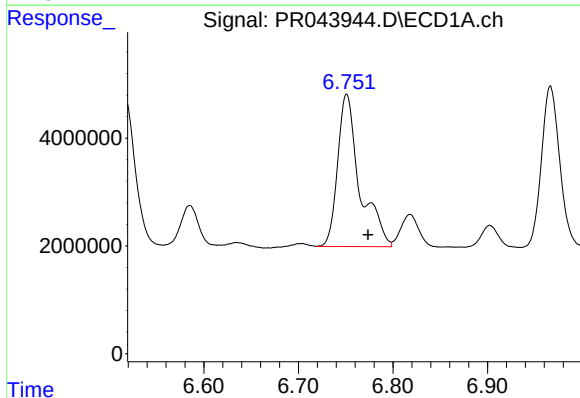
R.T.: 6.374 min
Delta R.T.: 0.004 min
Response: 51464407
Conc: 325.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



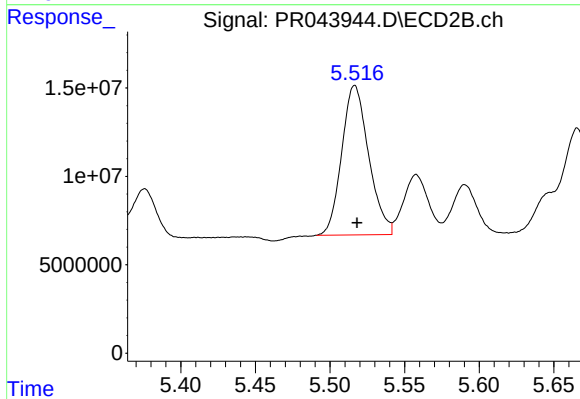
#23 AR-1248-3

R.T.: 5.343 min
Delta R.T.: -0.001 min
Response: 93422524
Conc: 352.87 ng/ml



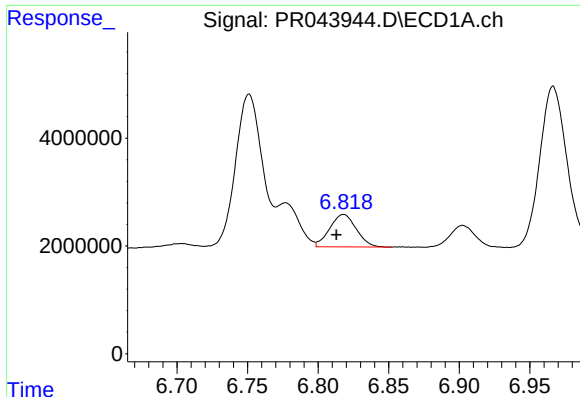
#24 AR-1248-4

R.T.: 6.751 min
Delta R.T.: -0.022 min
Response: 45927970
Conc: 236.53 ng/ml



#24 AR-1248-4

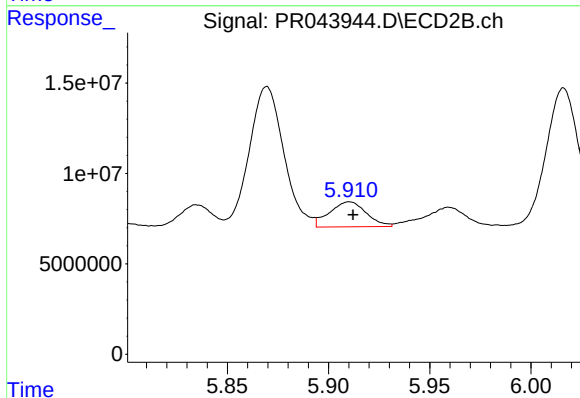
R.T.: 5.517 min
Delta R.T.: -0.002 min
Response: 106151733
Conc: 318.99 ng/ml



#25 AR-1248-5

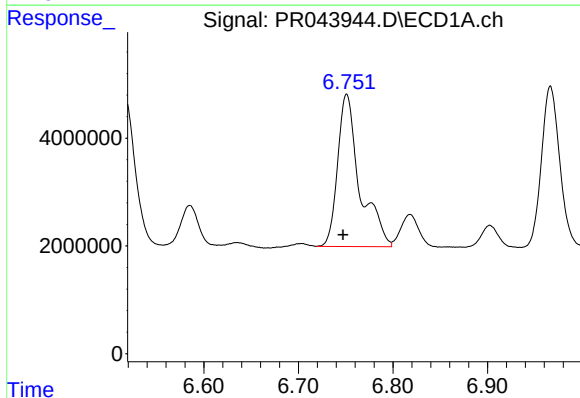
R.T.: 6.818 min
Delta R.T.: 0.005 min
Response: 7906216
Conc: 43.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



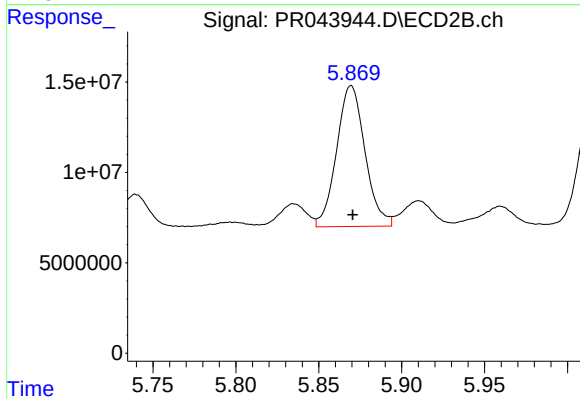
#25 AR-1248-5

R.T.: 5.910 min
Delta R.T.: -0.002 min
Response: 17538545
Conc: 42.90 ng/ml



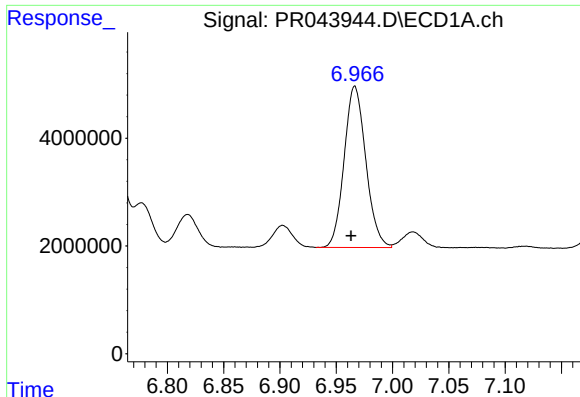
#26 AR-1254-1

R.T.: 6.751 min
Delta R.T.: 0.004 min
Response: 45927970
Conc: 240.33 ng/ml



#26 AR-1254-1

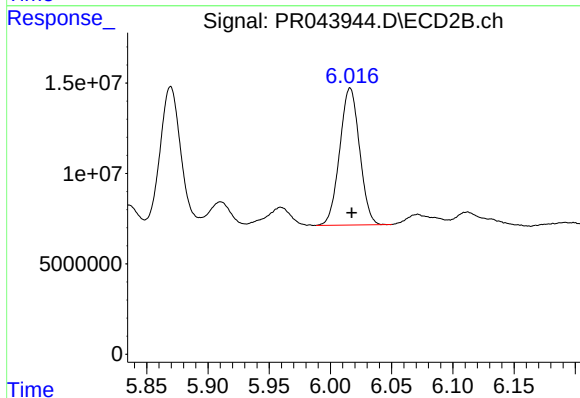
R.T.: 5.870 min
Delta R.T.: 0.000 min
Response: 92771389
Conc: 154.07 ng/ml



#27 AR-1254-2

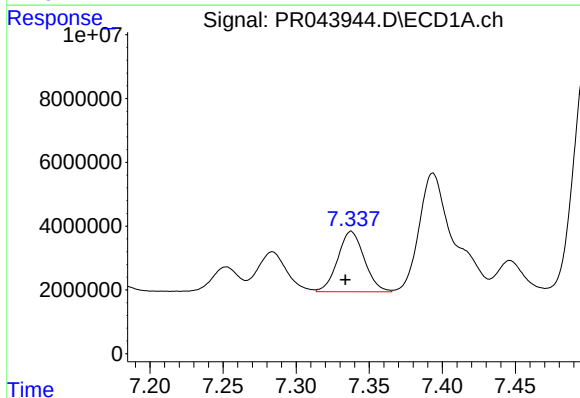
R.T.: 6.967 min
Delta R.T.: 0.004 min
Response: 40153307
Conc: 131.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



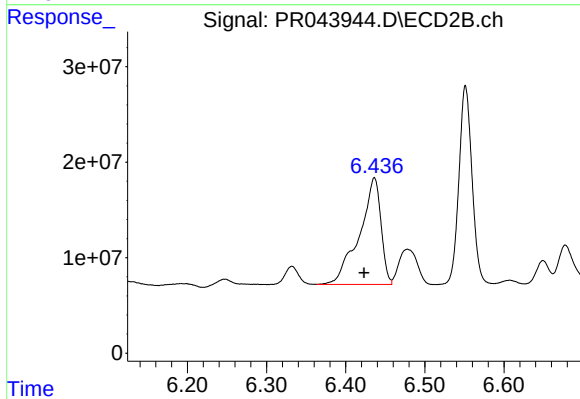
#27 AR-1254-2

R.T.: 6.016 min
Delta R.T.: -0.001 min
Response: 85749630
Conc: 158.02 ng/ml



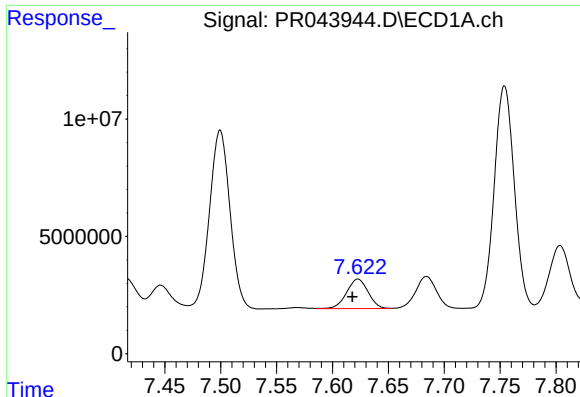
#28 AR-1254-3

R.T.: 7.338 min
Delta R.T.: 0.004 min
Response: 24005454
Conc: 69.61 ng/ml



#28 AR-1254-3

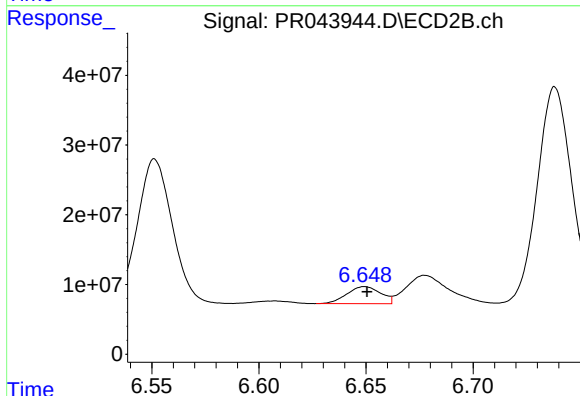
R.T.: 6.436 min
Delta R.T.: 0.013 min
Response: 212166241
Conc: 222.53 ng/ml



#29 AR-1254-4

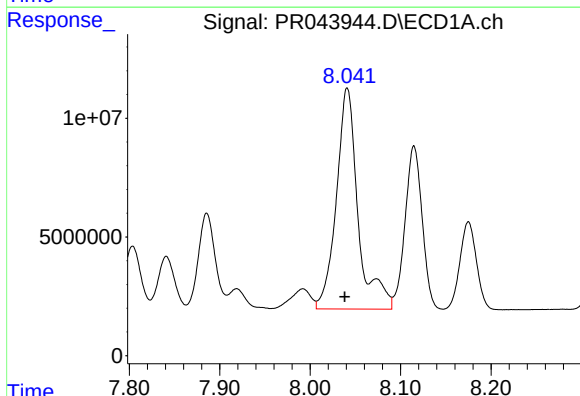
R.T.: 7.623 min
Delta R.T.: 0.005 min
Response: 16900003
Conc: 64.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



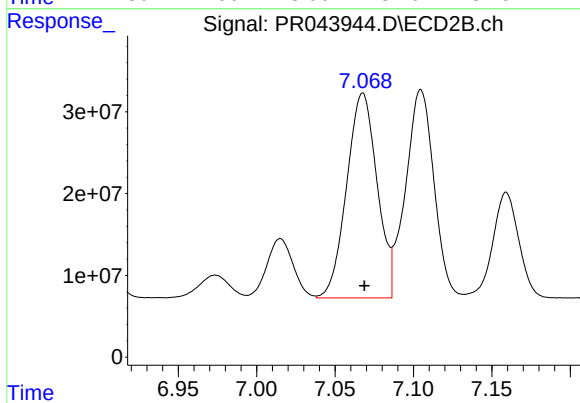
#29 AR-1254-4

R.T.: 6.649 min
Delta R.T.: -0.001 min
Response: 26712413
Conc: 40.27 ng/ml



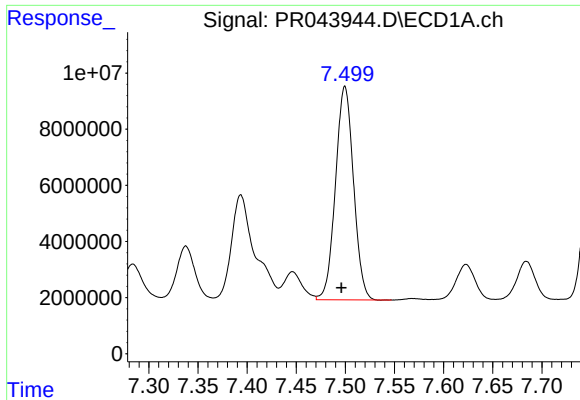
#30 AR-1254-5

R.T.: 8.041 min
Delta R.T.: 0.003 min
Response: 155094811
Conc: 547.30 ng/ml



#30 AR-1254-5

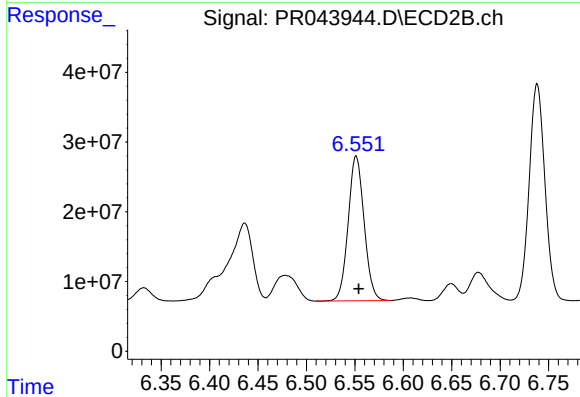
R.T.: 7.068 min
Delta R.T.: -0.001 min
Response: 337921350
Conc: 388.32 ng/ml



#31 AR-1260-1

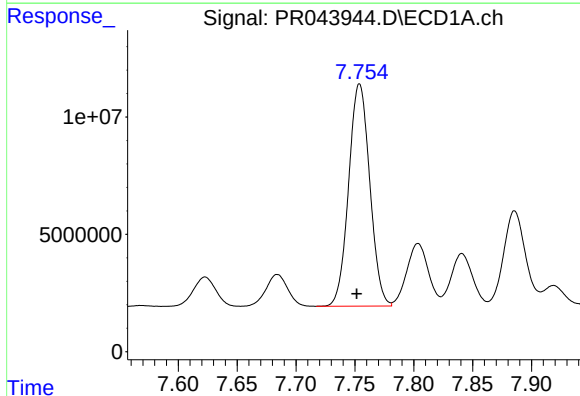
R.T.: 7.500 min
Delta R.T.: 0.003 min
Response: 97146447
Conc: 420.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



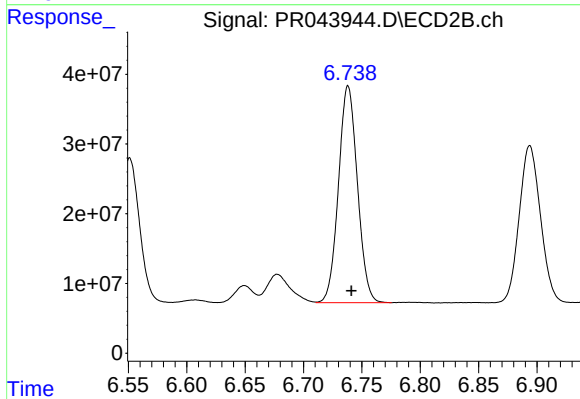
#31 AR-1260-1

R.T.: 6.551 min
Delta R.T.: -0.003 min
Response: 237933382
Conc: 435.38 ng/ml



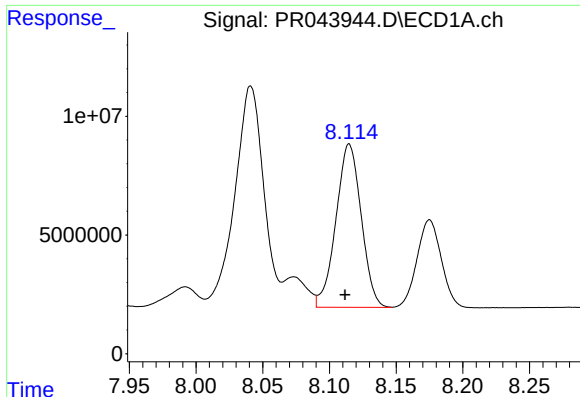
#32 AR-1260-2

R.T.: 7.754 min
Delta R.T.: 0.002 min
Response: 118350155
Conc: 414.78 ng/ml



#32 AR-1260-2

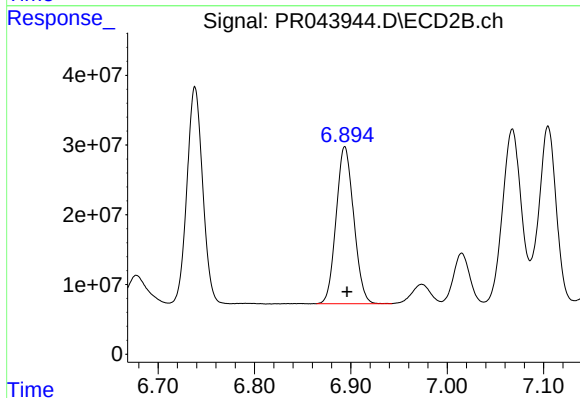
R.T.: 6.738 min
Delta R.T.: -0.003 min
Response: 351081844
Conc: 437.46 ng/ml



#33 AR-1260-3

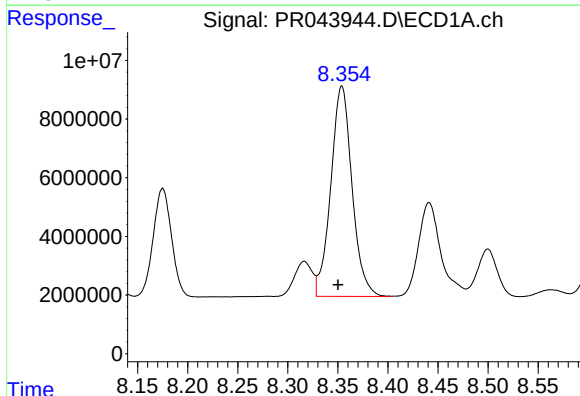
R.T.: 8.115 min
Delta R.T.: 0.003 min
Response: 90789933
Conc: 404.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



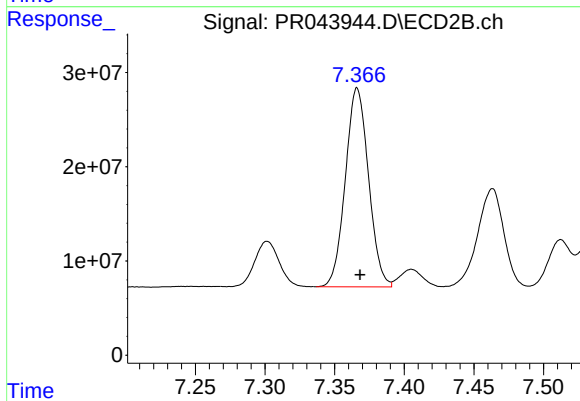
#33 AR-1260-3

R.T.: 6.894 min
Delta R.T.: -0.002 min
Response: 285544077
Conc: 427.55 ng/ml



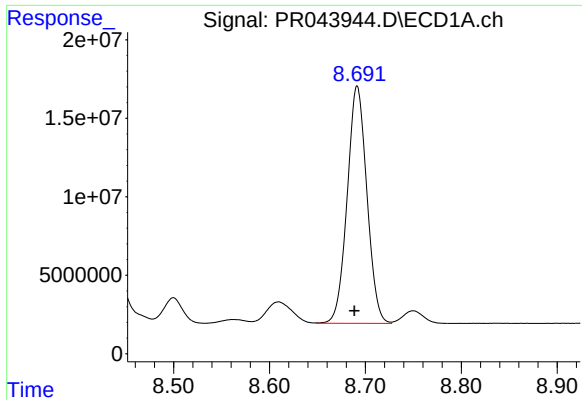
#34 AR-1260-4

R.T.: 8.354 min
Delta R.T.: 0.004 min
Response: 106050684
Conc: 409.56 ng/ml



#34 AR-1260-4

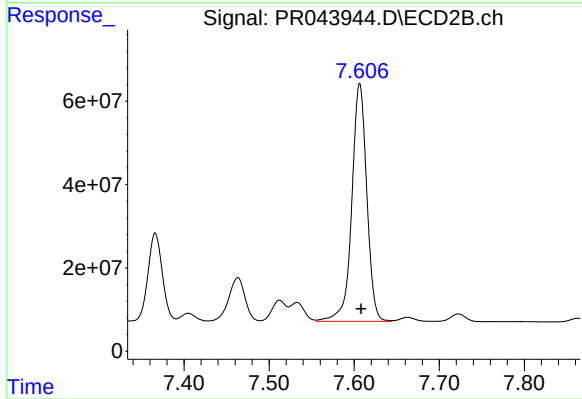
R.T.: 7.366 min
Delta R.T.: -0.002 min
Response: 244689260
Conc: 435.89 ng/ml



#35 AR-1260-5

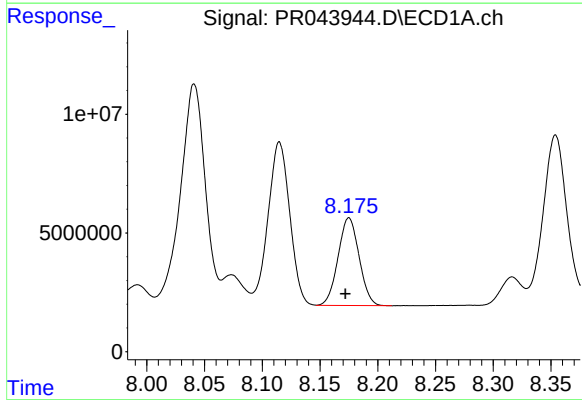
R.T.: 8.692 min
Delta R.T.: 0.003 min
Response: 216872068
Conc: 388.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



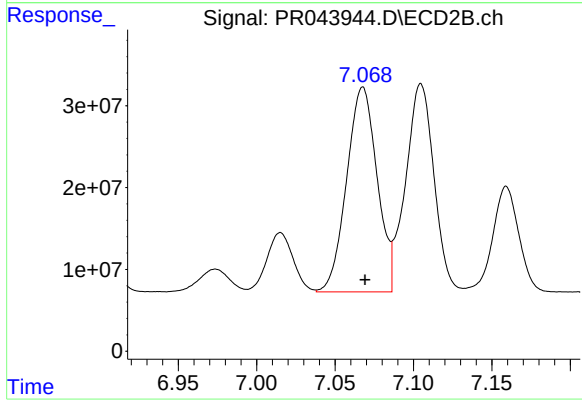
#35 AR-1260-5

R.T.: 7.607 min
Delta R.T.: -0.002 min
Response: 699086753
Conc: 415.29 ng/ml



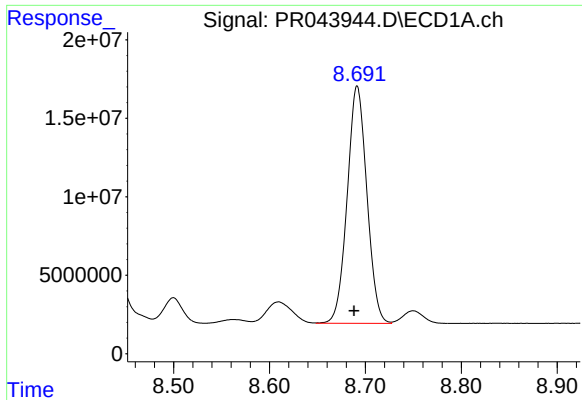
#36 AR-1262-1

R.T.: 8.175 min
Delta R.T.: 0.003 min
Response: 46932292
Conc: 326.28 ng/ml



#36 AR-1262-1

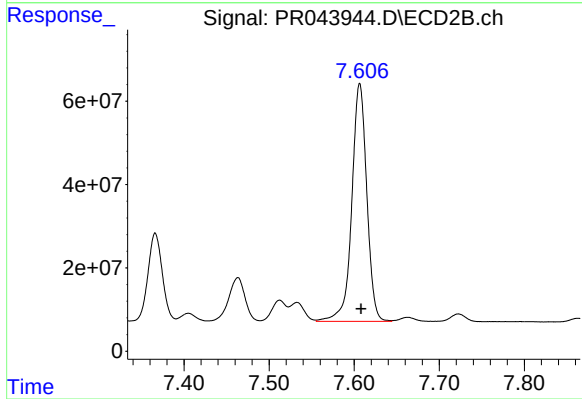
R.T.: 7.068 min
Delta R.T.: -0.001 min
Response: 337921350
Conc: 683.11 ng/ml



#37 AR-1262-2

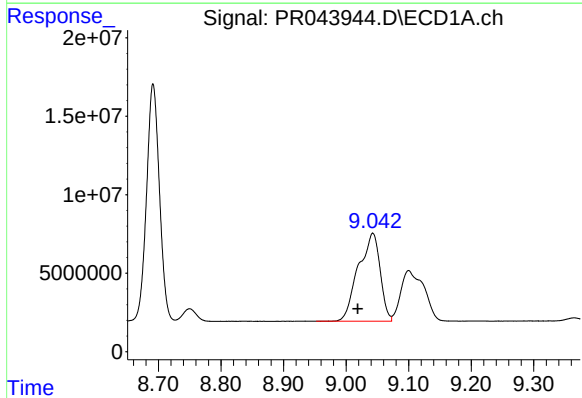
R.T.: 8.692 min
Delta R.T.: 0.003 min
Response: 216872068
Conc: 305.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



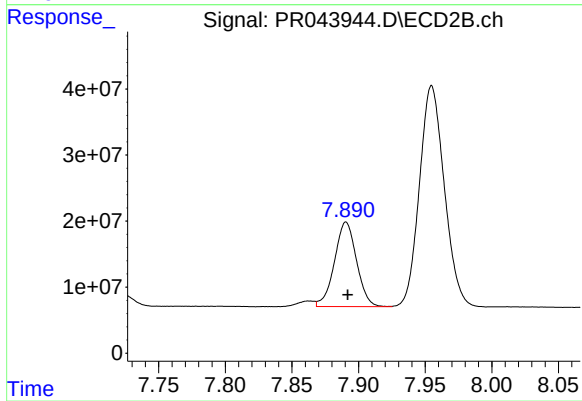
#37 AR-1262-2

R.T.: 7.607 min
Delta R.T.: -0.002 min
Response: 699086753
Conc: 321.50 ng/ml



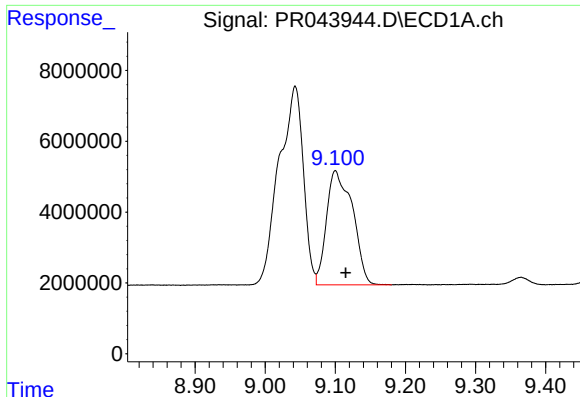
#38 AR-1262-3

R.T.: 9.043 min
Delta R.T.: 0.024 min
Response: 135208132
Conc: 293.52 ng/ml



#38 AR-1262-3

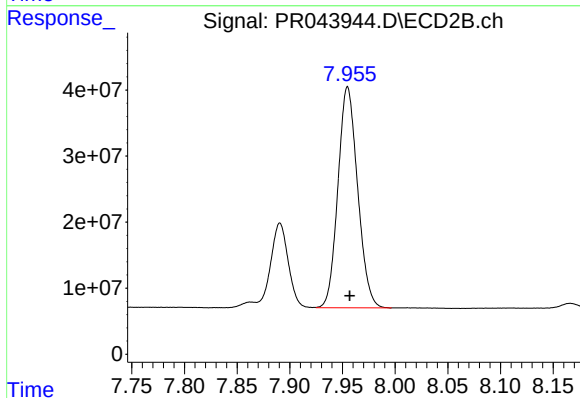
R.T.: 7.891 min
Delta R.T.: -0.001 min
Response: 147920114
Conc: 171.26 ng/ml



#39 AR-1262-4

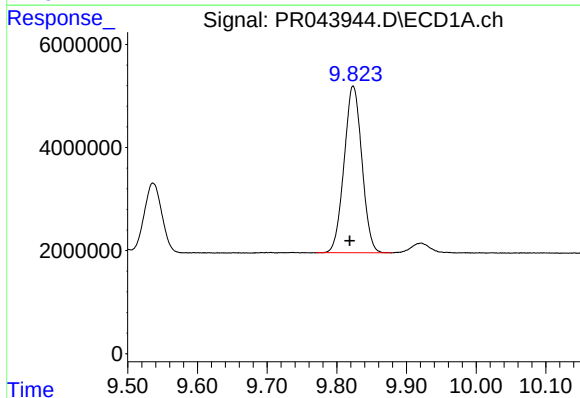
R.T.: 9.100 min
Delta R.T.: -0.015 min
Response: 83099095
Conc: 243.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



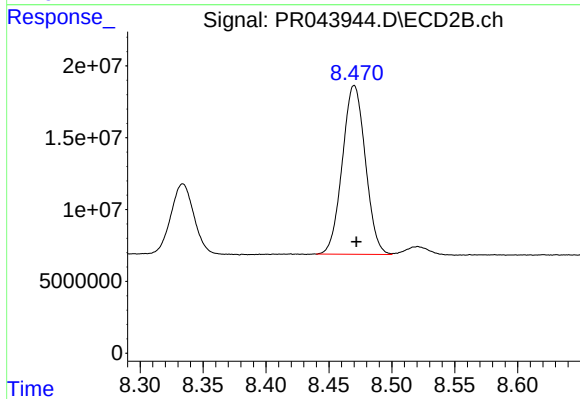
#39 AR-1262-4

R.T.: 7.955 min
Delta R.T.: -0.002 min
Response: 435290055
Conc: 306.13 ng/ml



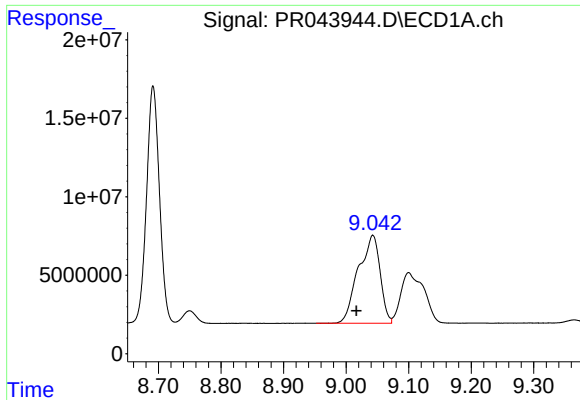
#40 AR-1262-5

R.T.: 9.824 min
Delta R.T.: 0.005 min
Response: 57276788
Conc: 238.58 ng/ml



#40 AR-1262-5

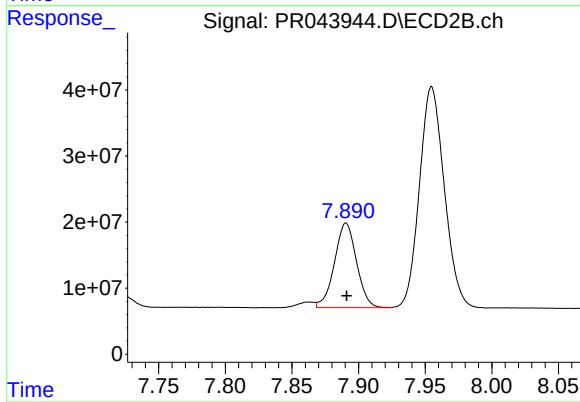
R.T.: 8.470 min
Delta R.T.: -0.002 min
Response: 149757657
Conc: 234.25 ng/ml



#41 AR-1268-1

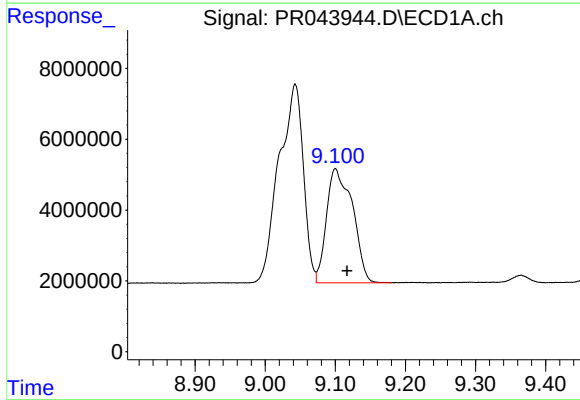
R.T.: 9.043 min
Delta R.T.: 0.026 min
Response: 135208132
Conc: 167.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



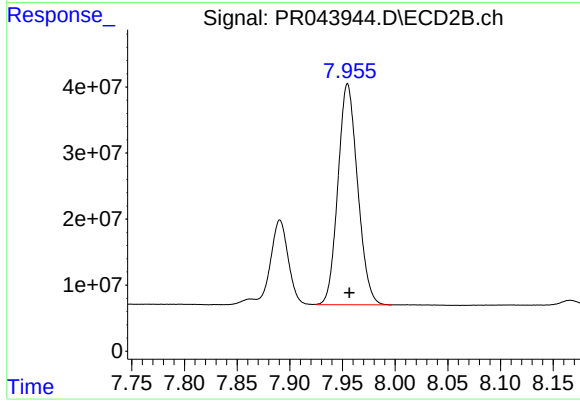
#41 AR-1268-1

R.T.: 7.891 min
Delta R.T.: 0.000 min
Response: 147920114
Conc: 60.50 ng/ml



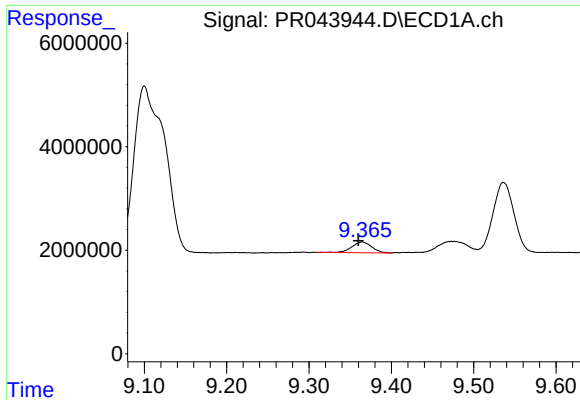
#42 AR-1268-2

R.T.: 9.100 min
Delta R.T.: -0.017 min
Response: 83099095
Conc: 112.78 ng/ml



#42 AR-1268-2

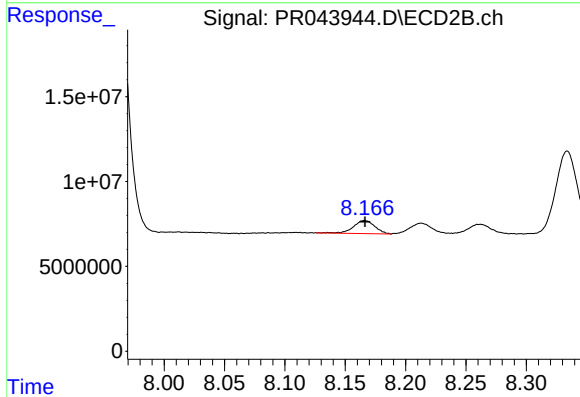
R.T.: 7.955 min
Delta R.T.: -0.002 min
Response: 435290055
Conc: 208.11 ng/ml



#43 AR-1268-3

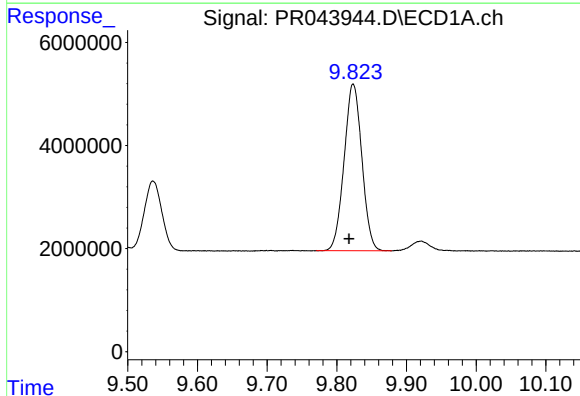
R.T.: 9.365 min
Delta R.T.: 0.005 min
Response: 3506576
Conc: 5.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



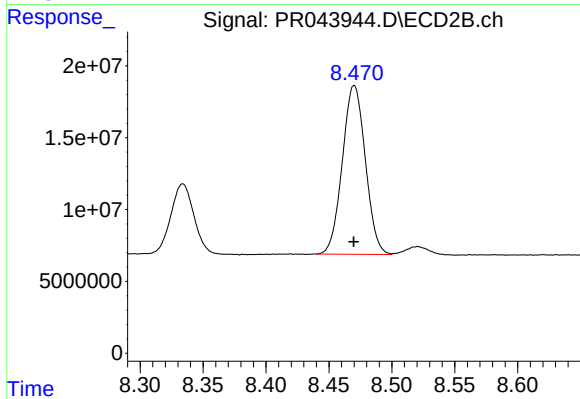
#43 AR-1268-3

R.T.: 8.166 min
Delta R.T.: 0.000 min
Response: 9550524
Conc: 5.30 ng/ml



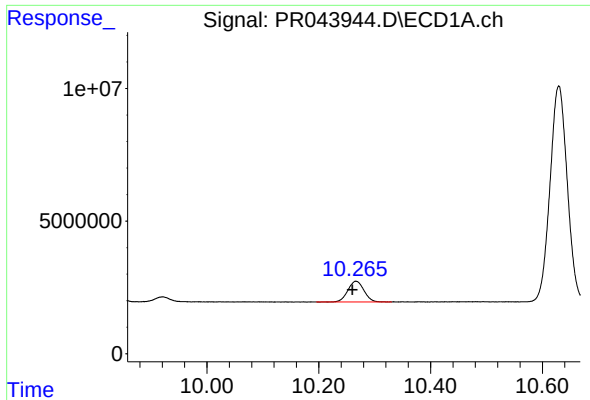
#44 AR-1268-4

R.T.: 9.824 min
Delta R.T.: 0.006 min
Response: 57276788
Conc: 216.50 ng/ml



#44 AR-1268-4

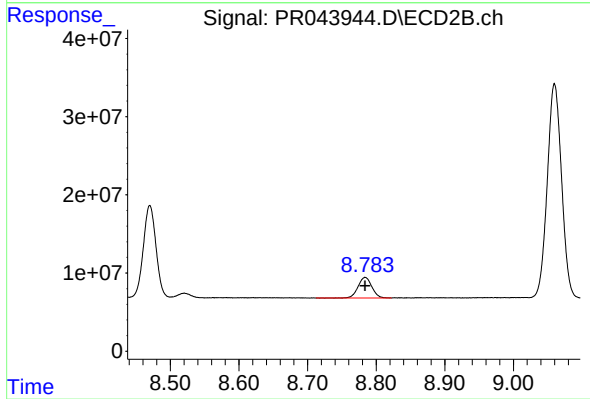
R.T.: 8.470 min
Delta R.T.: 0.000 min
Response: 149757657
Conc: 212.52 ng/ml



#45 AR-1268-5

R.T.: 10.267 min
Delta R.T.: 0.006 min
Response: 15618700
Conc: 7.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.784 min
Delta R.T.: 0.000 min
Response: 36493299
Conc: 7.48 ng/ml