

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011421\
 Data File : PR049344.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jan 2021 15:03
 Operator : AJ\MA
 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: Jan 15 01:14:07 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 13 16:16:45 2021
 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...	4.675	3.853	126.2E6	148.6E6	53.128	54.948
2)	SA Decachlor...	10.562	8.911	118.0E6	396.9E6	47.092	47.928
Target Compounds							
3)	L1 AR-1016-1	5.850	4.936	47015187	29809070	500.348	526.801
4)	L1 AR-1016-2	5.872	4.955	66435505	67629503	505.064	537.718
5)	L1 AR-1016-3	5.935	5.131	40086584	38013980	503.672	524.471
6)	L1 AR-1016-4	6.035	5.173	33627695	16237979	508.555	511.557
7)	L1 AR-1016-5	6.329	5.387	32559318	26153118	506.851	511.131
8)	L2 AR-1221-1	4.878	4.061	4317114	3990455	150.040	153.753
9)	L2 AR-1221-2	4.971	4.150	6264390	7441014	286.522	305.307
10)	L2 AR-1221-3	5.048	4.224	22885750	25263473	340.733	347.458
11)	L3 AR-1232-1	5.048	4.224	22885750	25263473	441.318	445.437
12)	L3 AR-1232-2	5.582	4.955	31212213	67629503	1153.571	1246.590
13)	L3 AR-1232-3	5.872	5.131	66435505	38013980	1183.504	1208.587
14)	L3 AR-1232-4	6.035	5.216	33627695	22012352	1193.952	1347.535
15)	L3 AR-1232-5	6.122	5.387	29929496	26153118	1369.030	1310.364
16)	L4 AR-1242-1	5.850	4.936	47015187	29809070	646.648	662.764
17)	L4 AR-1242-2	5.872	4.955	66435505	67629503	653.948	676.135
18)	L4 AR-1242-3	5.935	5.131	40086584	38013980	640.633	657.206
19)	L4 AR-1242-4	6.035	5.216	33627695	22012352	649.904	643.967
20)	L4 AR-1242-5	6.774	5.739	5708266	19297333	99.538	325.627 #
21)	L5 AR-1248-1	5.850	4.936	47015187	29809070	876.980	877.006
22)	L5 AR-1248-2	6.122	5.173	29929496	16237979	405.414	397.137
23)	L5 AR-1248-3	6.329	5.216	32559318	22012352	401.860	446.185
24)	L5 AR-1248-4	6.732	5.387	5743739	26153118	57.422	409.274 #
25)	L5 AR-1248-5	6.774	5.781	5708266	5216153	57.033	53.567
26)	L6 AR-1254-1	6.707	5.739	23667921	19297333	245.693	194.085
27)	L6 AR-1254-2	6.923	5.886	25124708	26924124	171.312	249.339 #
28)	L6 AR-1254-3	7.295	6.307f	14481582	88446259	96.424	418.704 #
29)	L6 AR-1254-4	7.579	6.521	10908477	18942410	89.693	56.068 #
30)	L6 AR-1254-5	7.997	6.938	76176987	224.1E6	624.371	558.892
31)	L7 AR-1260-1	7.456	6.422	55701555	68305226	490.980	564.934
32)	L7 AR-1260-2	7.711	6.610	68956489	272.9E6	486.685	577.172
33)	L7 AR-1260-3	8.071	6.764	51084000	156.8E6	466.976	575.930
34)	L7 AR-1260-4	8.309	7.238	56428141	185.3E6	473.049	568.633
35)	L7 AR-1260-5	8.644	7.481	117.5E6	640.2E6	477.696	518.901
36)	L8 AR-1262-1	8.071	6.938	51084000	224.1E6	328.954	994.224 #
37)	L8 AR-1262-2	8.644	7.481	117.5E6	640.2E6	421.039	441.479
38)	L8 AR-1262-3	8.992f	7.766	75778470	134.0E6	389.851	240.841 #
39)	L8 AR-1262-4	9.063	7.831	23349087	402.1E6	264.259	429.221 #
40)	L8 AR-1262-5	9.767	8.339	37852230	140.5E6	343.578	335.517
41)	L9 AR-1268-1	0.000	7.766	0	134.0E6	N.D.	77.137 #

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 Data File : PR049344.D
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 Acq On : 14 Jan 2021 15:03
 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

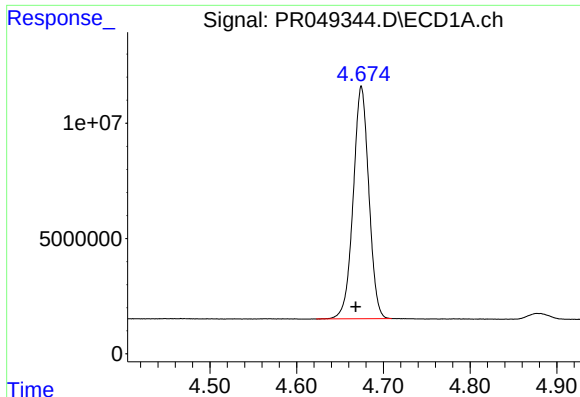
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 15 01:14:07 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 13 16:16:45 2021
 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
42) L9	AR-1268-2	9.063	7.831	23349087	402.1E6	73.475	277.198 #
43) L9	AR-1268-3	9.310	8.039	2000759	6410674	7.266	4.966 #
44) L9	AR-1268-4	9.767	8.339	37852230	140.5E6	311.246	284.258
45) L9	AR-1268-5	10.205	8.645	11487611	34435530	12.272	9.065 #

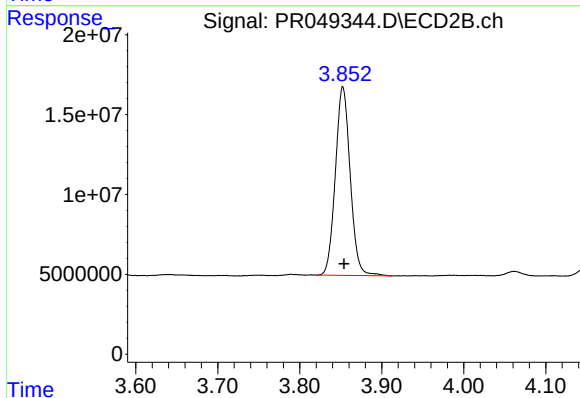
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

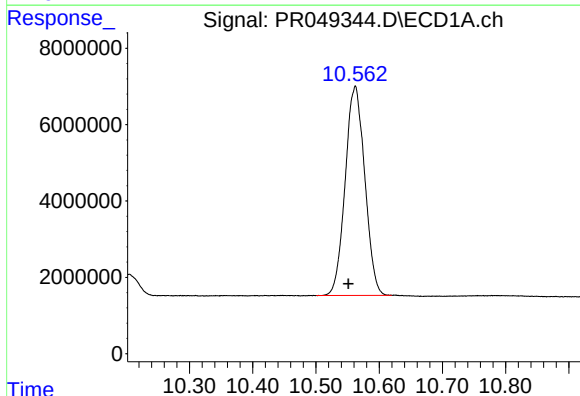
R.T.: 4.675 min
Delta R.T.: 0.007 min
Response: 126213367
Conc: 53.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



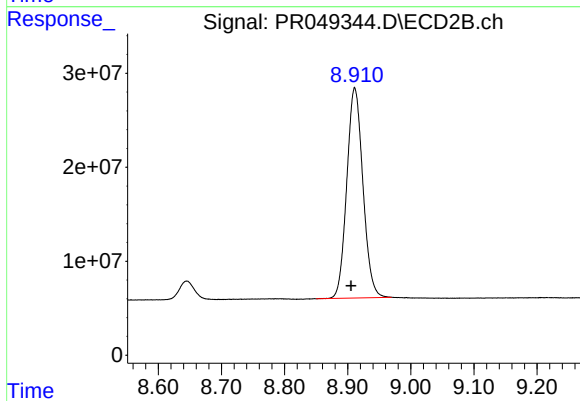
#1 Tetrachloro-m-xylene

R.T.: 3.853 min
Delta R.T.: -0.001 min
Response: 148568048
Conc: 54.95 ng/ml



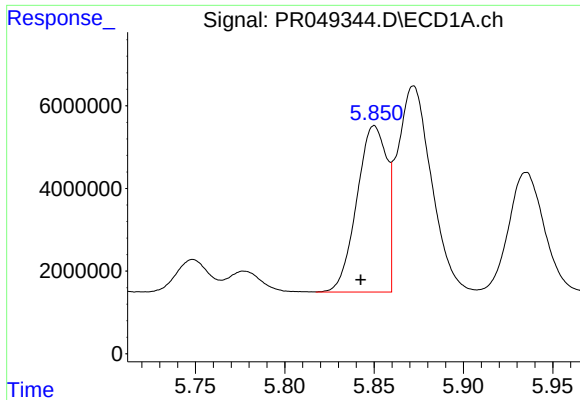
#2 Decachlorobiphenyl

R.T.: 10.562 min
Delta R.T.: 0.011 min
Response: 118046653
Conc: 47.09 ng/ml



#2 Decachlorobiphenyl

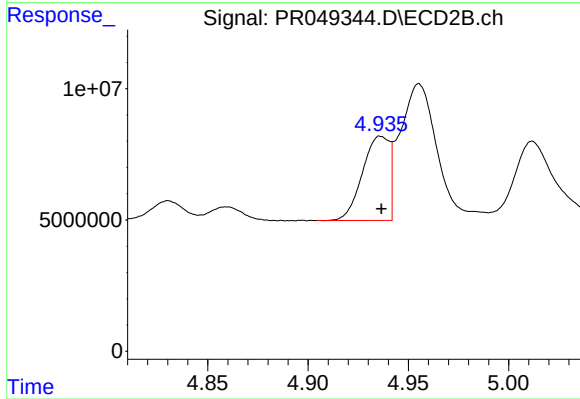
R.T.: 8.911 min
Delta R.T.: 0.006 min
Response: 396875732
Conc: 47.93 ng/ml



#3 AR-1016-1

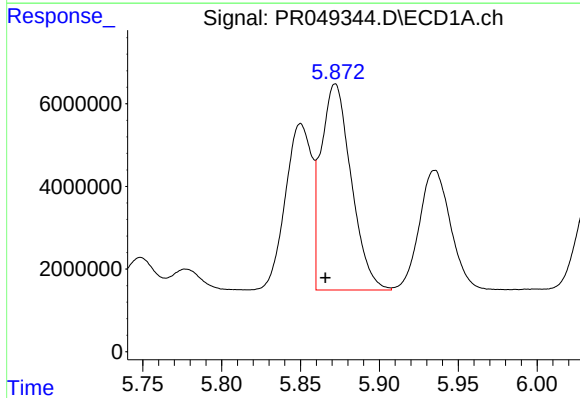
R.T.: 5.850 min
Delta R.T.: 0.008 min
Response: 47015187
Conc: 500.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



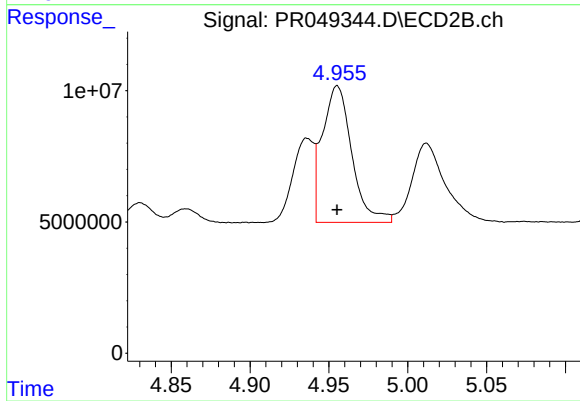
#3 AR-1016-1

R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 29809070
Conc: 526.80 ng/ml



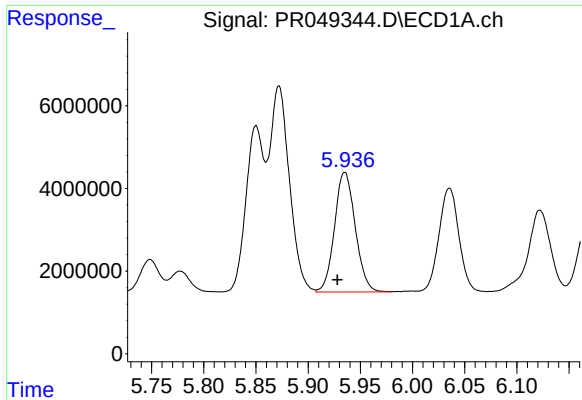
#4 AR-1016-2

R.T.: 5.872 min
Delta R.T.: 0.006 min
Response: 66435505
Conc: 505.06 ng/ml



#4 AR-1016-2

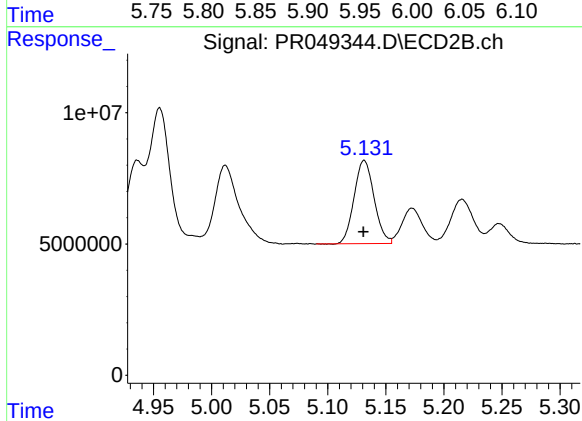
R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 67629503
Conc: 537.72 ng/ml



#5 AR-1016-3

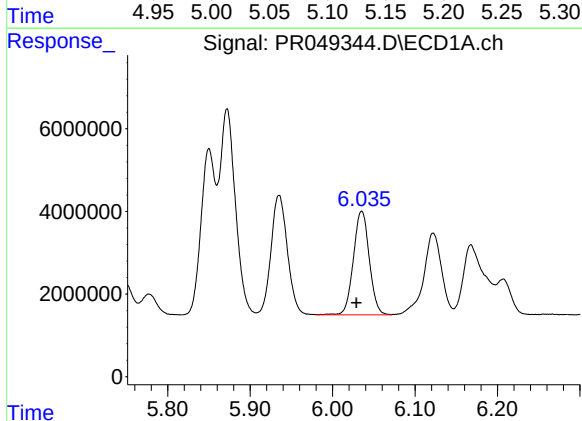
R.T.: 5.935 min
Delta R.T.: 0.007 min
Response: 40086584
Conc: 503.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



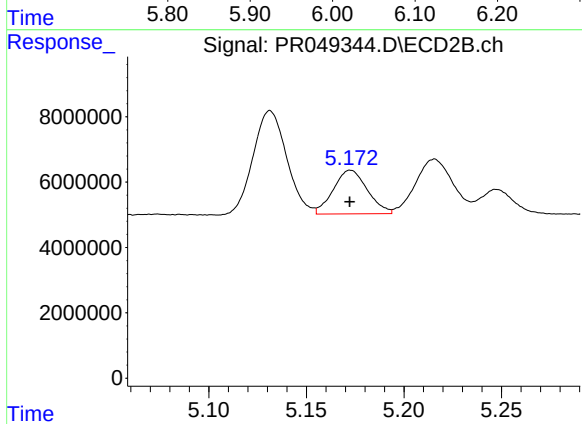
#5 AR-1016-3

R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 38013980
Conc: 524.47 ng/ml



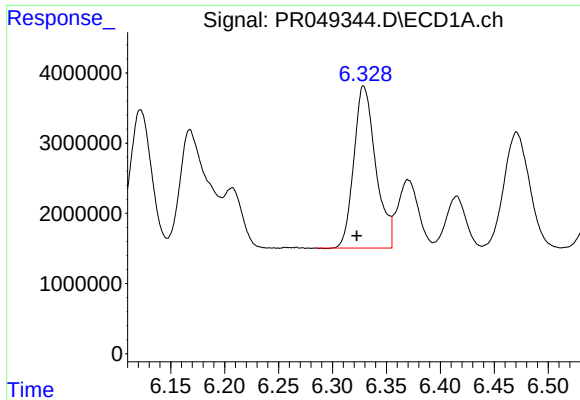
#6 AR-1016-4

R.T.: 6.035 min
Delta R.T.: 0.006 min
Response: 33627695
Conc: 508.55 ng/ml



#6 AR-1016-4

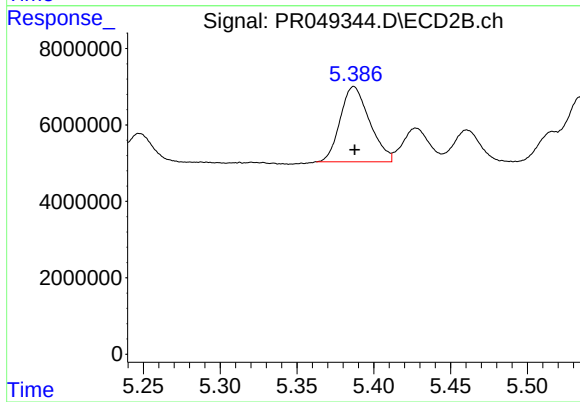
R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 16237979
Conc: 511.56 ng/ml



#7 AR-1016-5

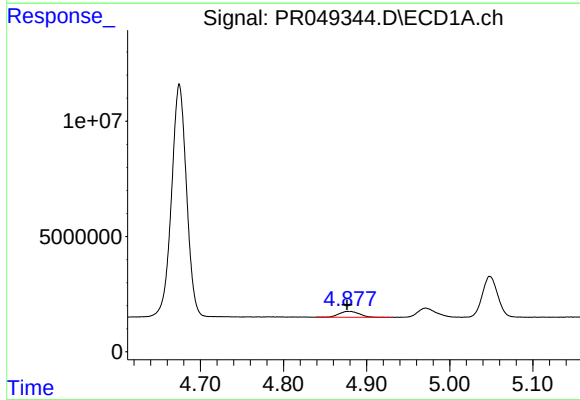
R.T.: 6.329 min
Delta R.T.: 0.007 min
Response: 32559318
Conc: 506.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



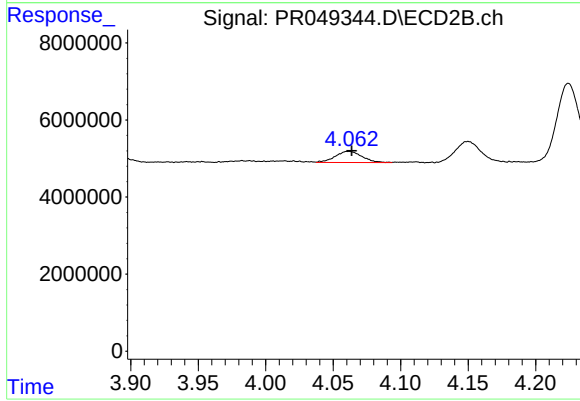
#7 AR-1016-5

R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 26153118
Conc: 511.13 ng/ml



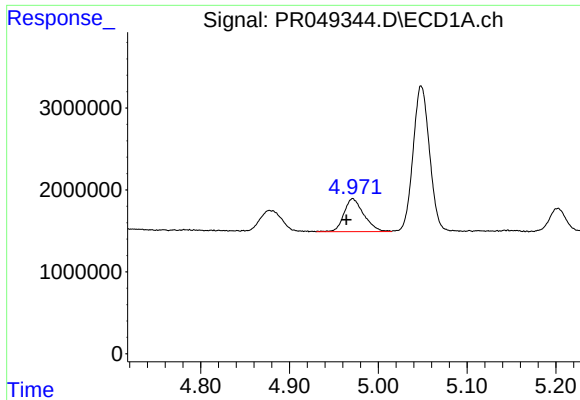
#8 AR-1221-1

R.T.: 4.878 min
Delta R.T.: 0.001 min
Response: 4317114
Conc: 150.04 ng/ml



#8 AR-1221-1

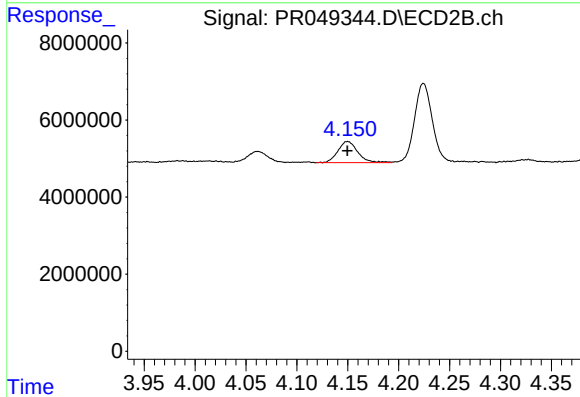
R.T.: 4.061 min
Delta R.T.: -0.002 min
Response: 3990455
Conc: 153.75 ng/ml



#9 AR-1221-2

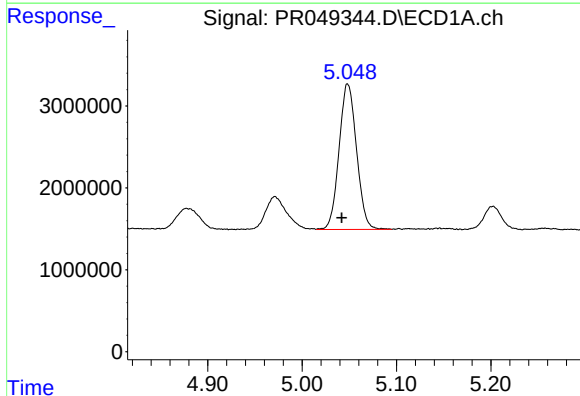
R.T.: 4.971 min
Delta R.T.: 0.007 min
Response: 6264390
Conc: 286.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



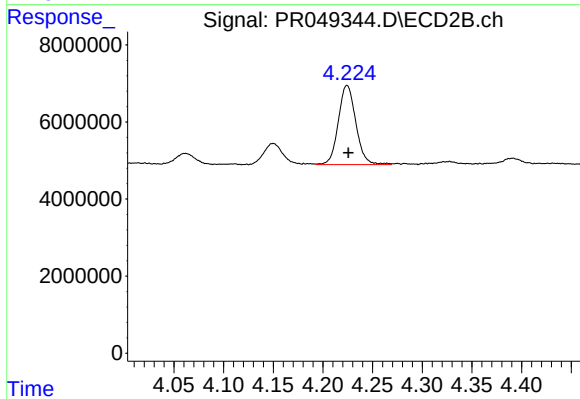
#9 AR-1221-2

R.T.: 4.150 min
Delta R.T.: 0.000 min
Response: 7441014
Conc: 305.31 ng/ml



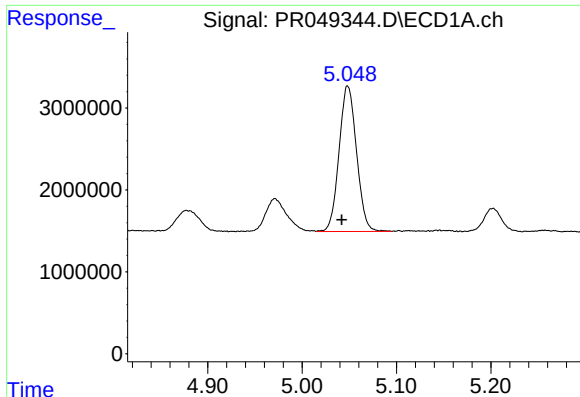
#10 AR-1221-3

R.T.: 5.048 min
Delta R.T.: 0.006 min
Response: 22885750
Conc: 340.73 ng/ml



#10 AR-1221-3

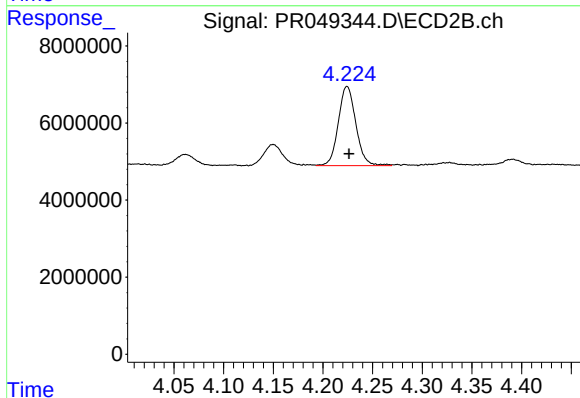
R.T.: 4.224 min
Delta R.T.: -0.001 min
Response: 25263473
Conc: 347.46 ng/ml



#11 AR-1232-1

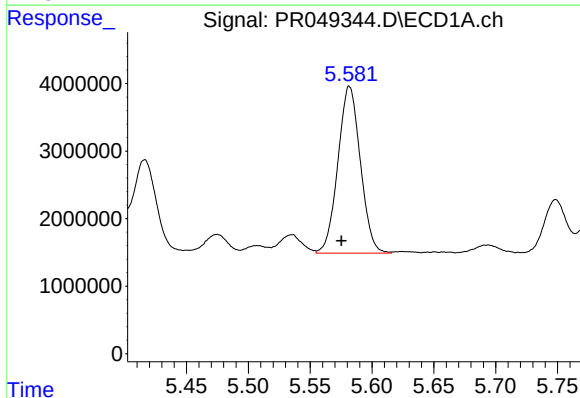
R.T.: 5.048 min
Delta R.T.: 0.006 min
Response: 22885750
Conc: 441.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



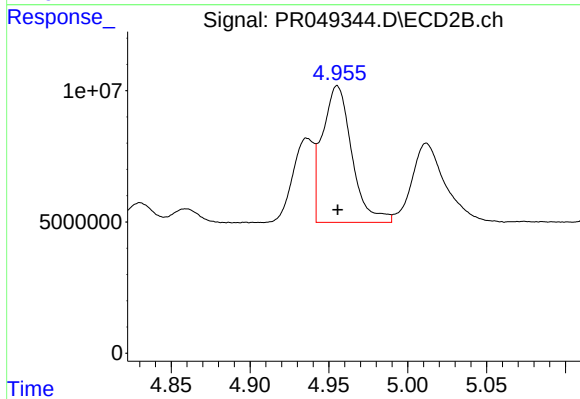
#11 AR-1232-1

R.T.: 4.224 min
Delta R.T.: -0.002 min
Response: 25263473
Conc: 445.44 ng/ml



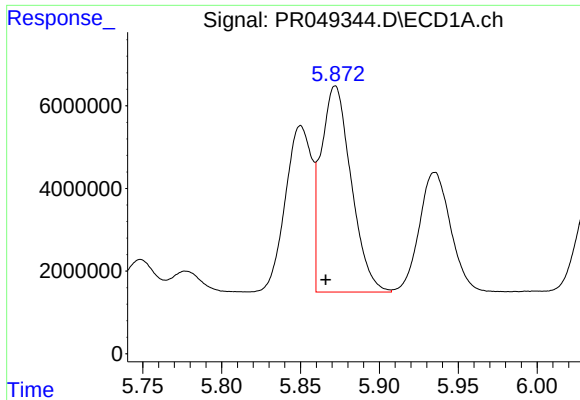
#12 AR-1232-2

R.T.: 5.582 min
Delta R.T.: 0.007 min
Response: 31212213
Conc: 1153.57 ng/ml



#12 AR-1232-2

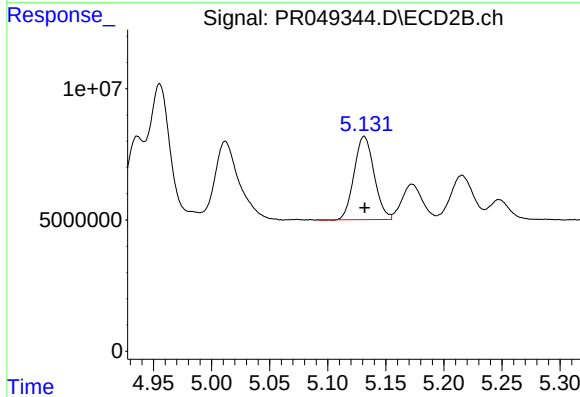
R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 67629503
Conc: 1246.59 ng/ml



#13 AR-1232-3

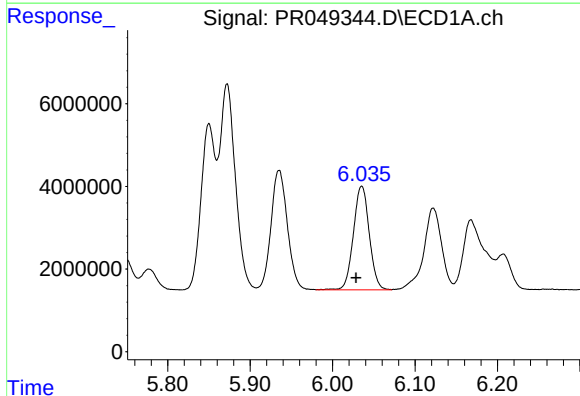
R.T.: 5.872 min
Delta R.T.: 0.006 min
Response: 66435505
Conc: 1183.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



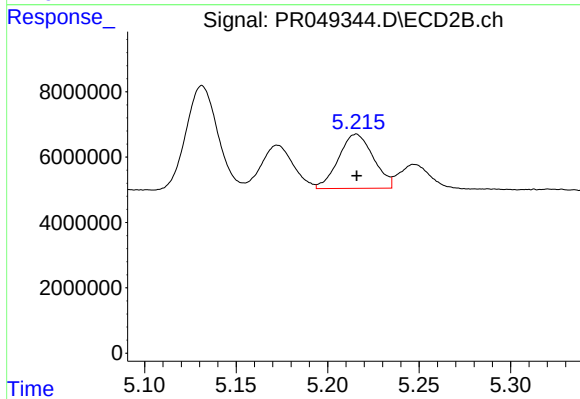
#13 AR-1232-3

R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 38013980
Conc: 1208.59 ng/ml



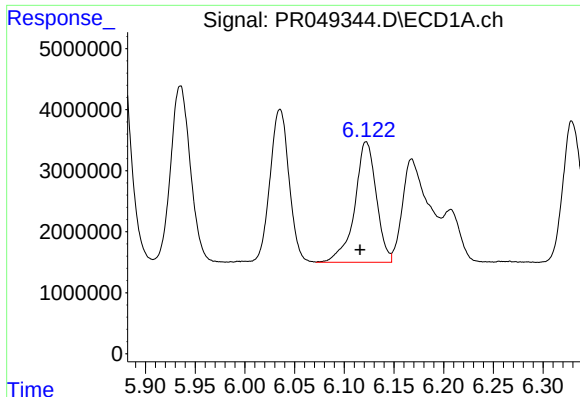
#14 AR-1232-4

R.T.: 6.035 min
Delta R.T.: 0.007 min
Response: 33627695
Conc: 1193.95 ng/ml



#14 AR-1232-4

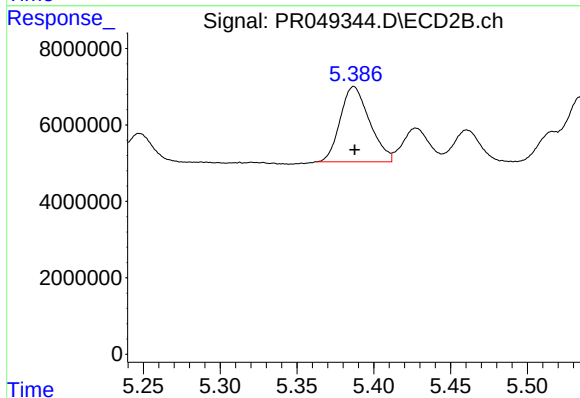
R.T.: 5.216 min
Delta R.T.: 0.000 min
Response: 22012352
Conc: 1347.53 ng/ml



#15 AR-1232-5

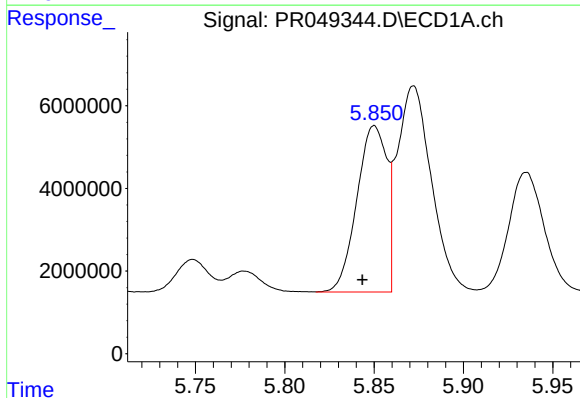
R.T.: 6.122 min
Delta R.T.: 0.006 min
Response: 29929496
Conc: 1369.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



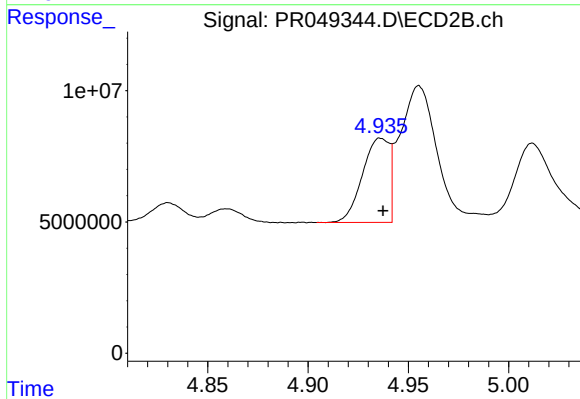
#15 AR-1232-5

R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 26153118
Conc: 1310.36 ng/ml



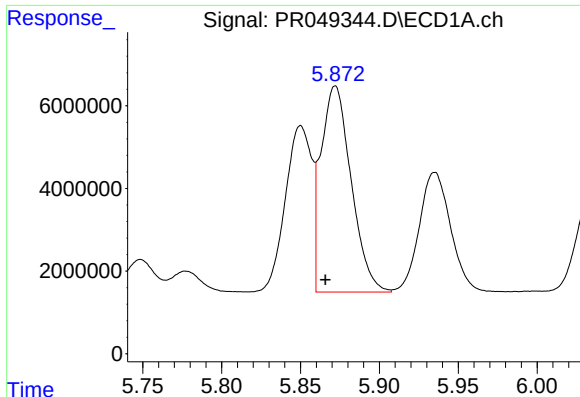
#16 AR-1242-1

R.T.: 5.850 min
Delta R.T.: 0.007 min
Response: 47015187
Conc: 646.65 ng/ml



#16 AR-1242-1

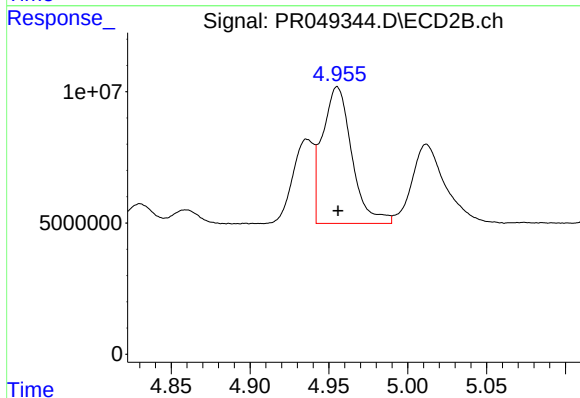
R.T.: 4.936 min
Delta R.T.: -0.001 min
Response: 29809070
Conc: 662.76 ng/ml



#17 AR-1242-2

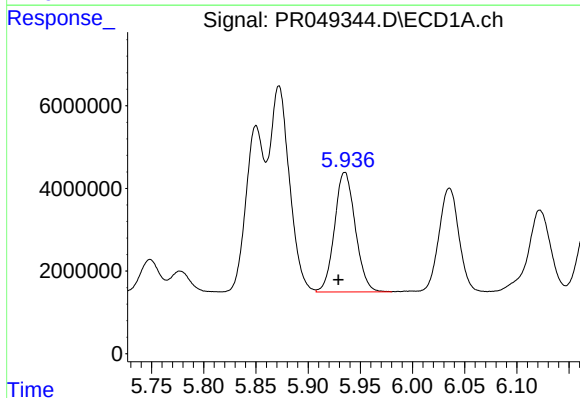
R.T.: 5.872 min
Delta R.T.: 0.006 min
Response: 66435505
Conc: 653.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



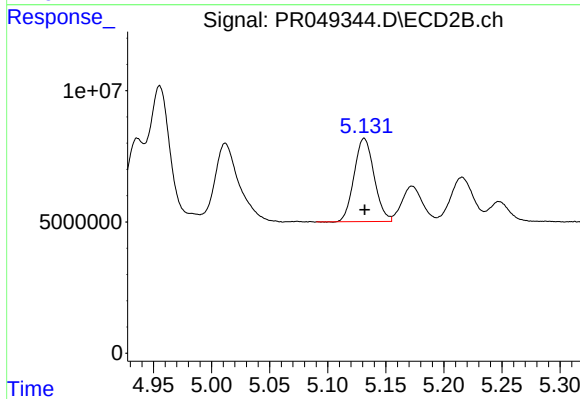
#17 AR-1242-2

R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 67629503
Conc: 676.14 ng/ml



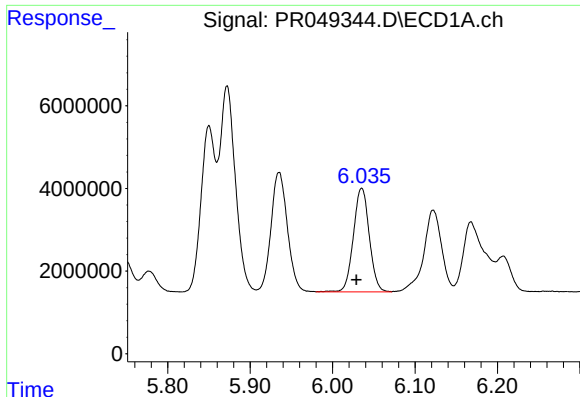
#18 AR-1242-3

R.T.: 5.935 min
Delta R.T.: 0.006 min
Response: 40086584
Conc: 640.63 ng/ml



#18 AR-1242-3

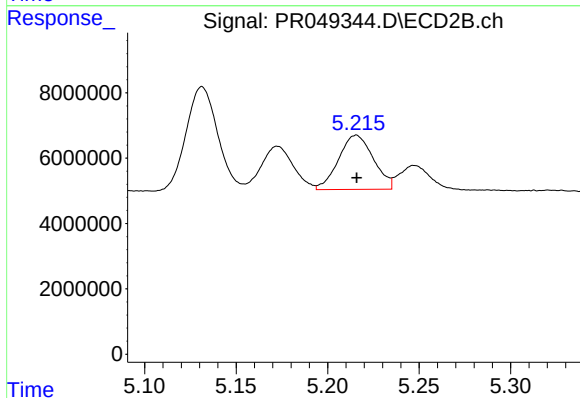
R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 38013980
Conc: 657.21 ng/ml



#19 AR-1242-4

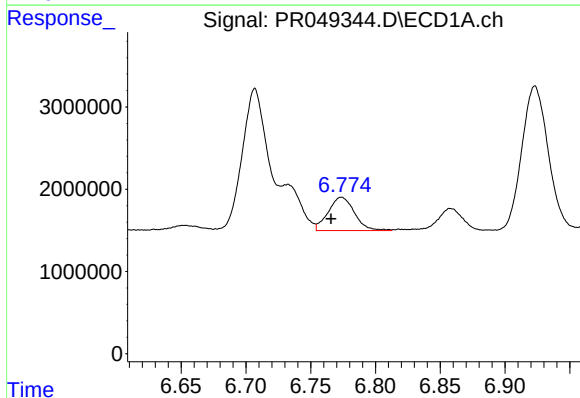
R.T.: 6.035 min
Delta R.T.: 0.007 min
Response: 33627695
Conc: 649.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



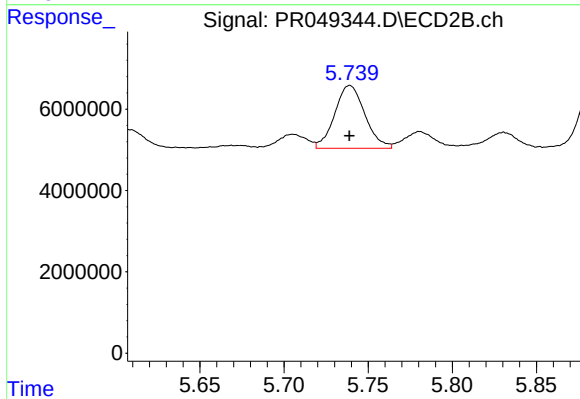
#19 AR-1242-4

R.T.: 5.216 min
Delta R.T.: 0.000 min
Response: 22012352
Conc: 643.97 ng/ml



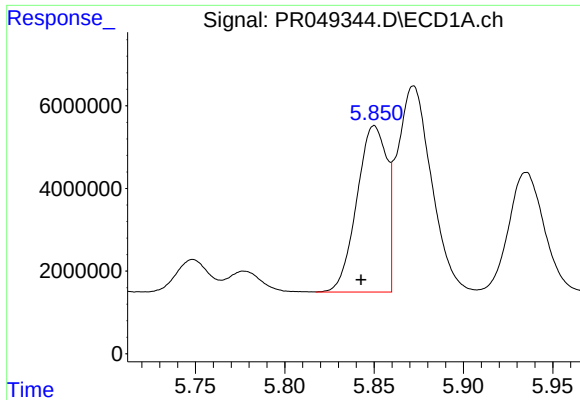
#20 AR-1242-5

R.T.: 6.774 min
Delta R.T.: 0.008 min
Response: 5708266
Conc: 99.54 ng/ml



#20 AR-1242-5

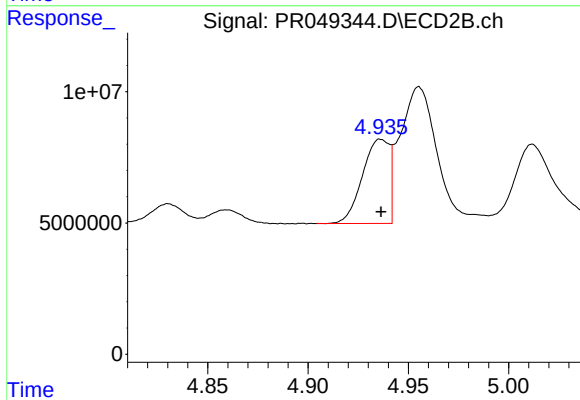
R.T.: 5.739 min
Delta R.T.: 0.000 min
Response: 19297333
Conc: 325.63 ng/ml



#21 AR-1248-1

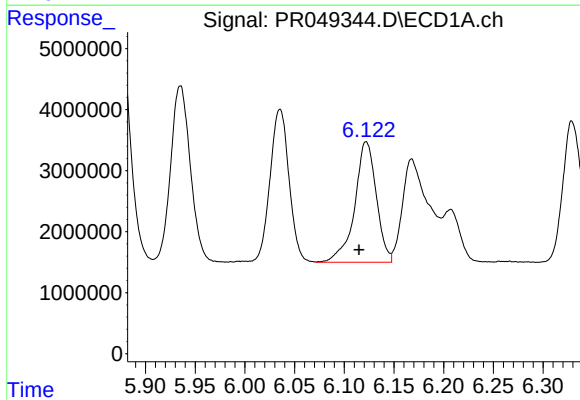
R.T.: 5.850 min
Delta R.T.: 0.007 min
Response: 47015187
Conc: 876.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



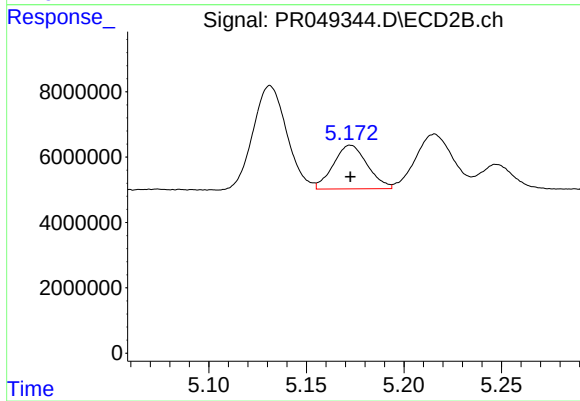
#21 AR-1248-1

R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 29809070
Conc: 877.01 ng/ml



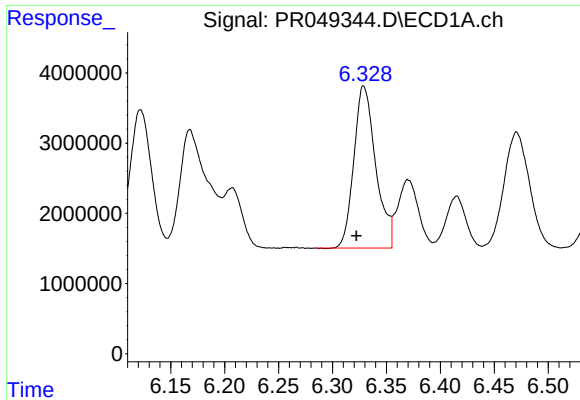
#22 AR-1248-2

R.T.: 6.122 min
Delta R.T.: 0.007 min
Response: 29929496
Conc: 405.41 ng/ml



#22 AR-1248-2

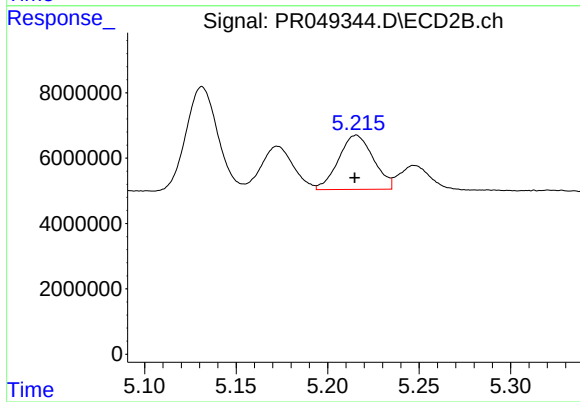
R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 16237979
Conc: 397.14 ng/ml



#23 AR-1248-3

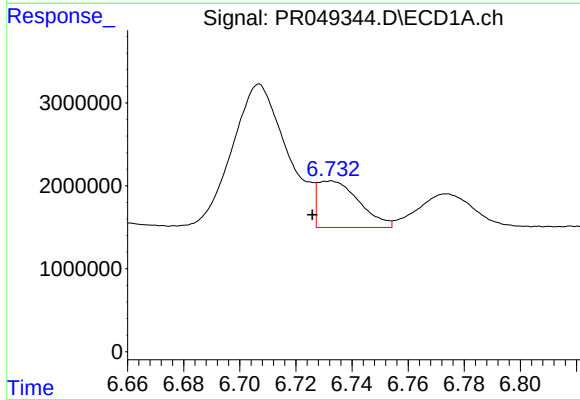
R.T.: 6.329 min
Delta R.T.: 0.007 min
Response: 32559318
Conc: 401.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



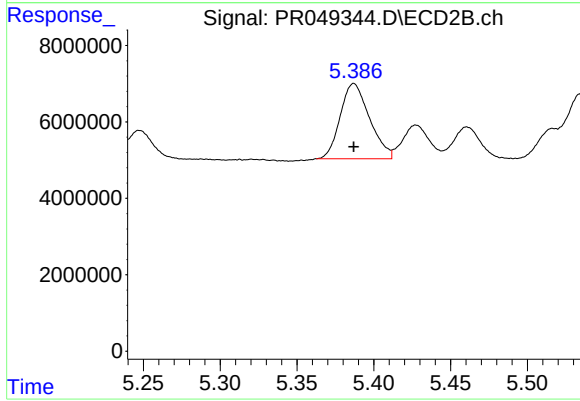
#23 AR-1248-3

R.T.: 5.216 min
Delta R.T.: 0.000 min
Response: 22012352
Conc: 446.18 ng/ml



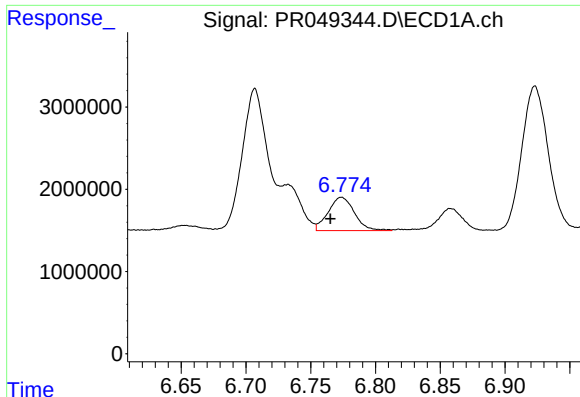
#24 AR-1248-4

R.T.: 6.732 min
Delta R.T.: 0.006 min
Response: 5743739
Conc: 57.42 ng/ml



#24 AR-1248-4

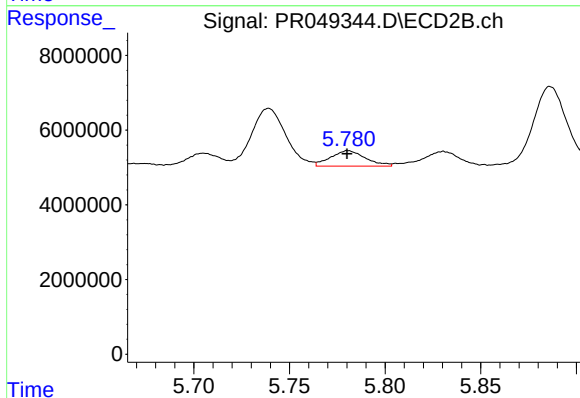
R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 26153118
Conc: 409.27 ng/ml



#25 AR-1248-5

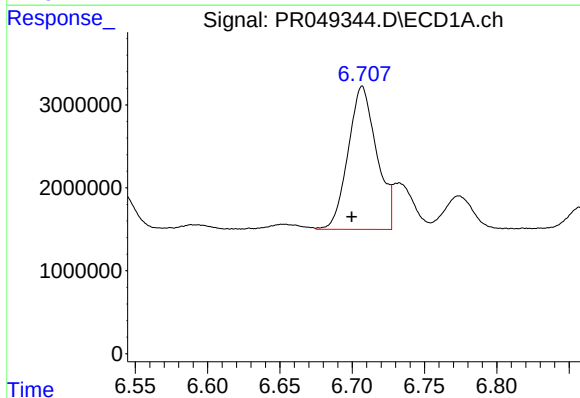
R.T.: 6.774 min
Delta R.T.: 0.008 min
Response: 5708266
Conc: 57.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



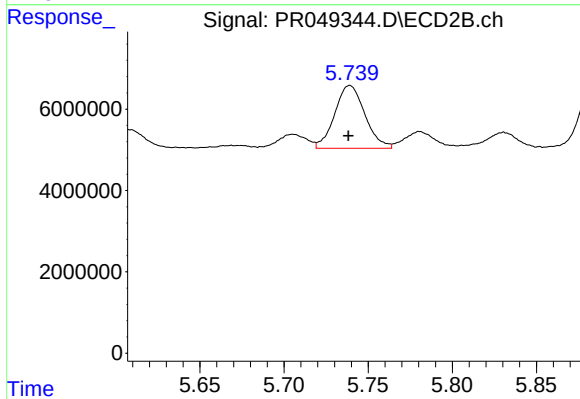
#25 AR-1248-5

R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 5216153
Conc: 53.57 ng/ml



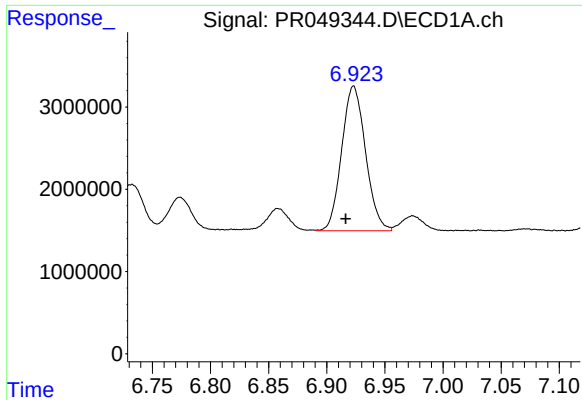
#26 AR-1254-1

R.T.: 6.707 min
Delta R.T.: 0.007 min
Response: 23667921
Conc: 245.69 ng/ml



#26 AR-1254-1

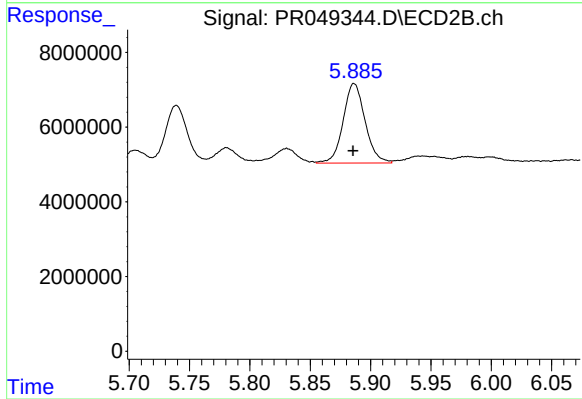
R.T.: 5.739 min
Delta R.T.: 0.000 min
Response: 19297333
Conc: 194.09 ng/ml



#27 AR-1254-2

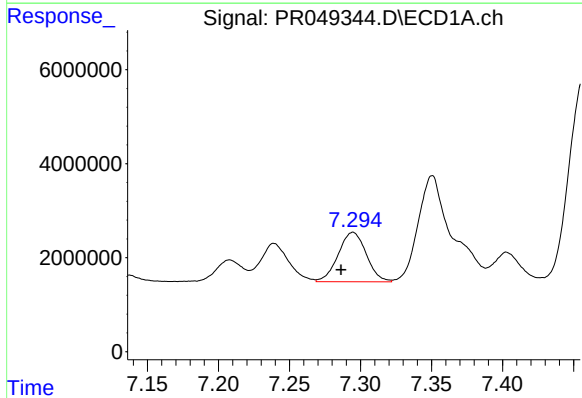
R.T.: 6.923 min
Delta R.T.: 0.007 min
Response: 25124708
Conc: 171.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



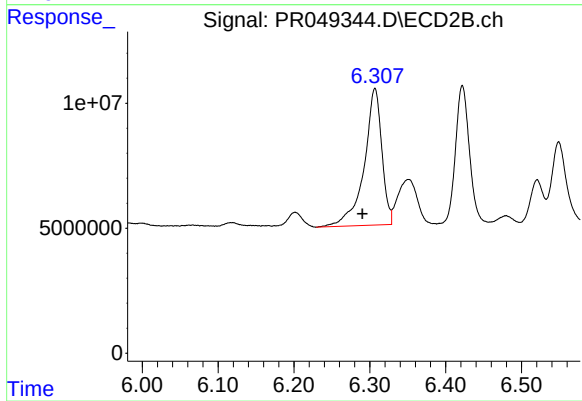
#27 AR-1254-2

R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 26924124
Conc: 249.34 ng/ml



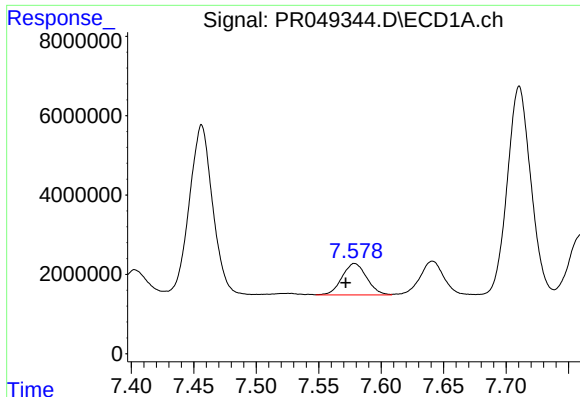
#28 AR-1254-3

R.T.: 7.295 min
Delta R.T.: 0.009 min
Response: 14481582
Conc: 96.42 ng/ml



#28 AR-1254-3

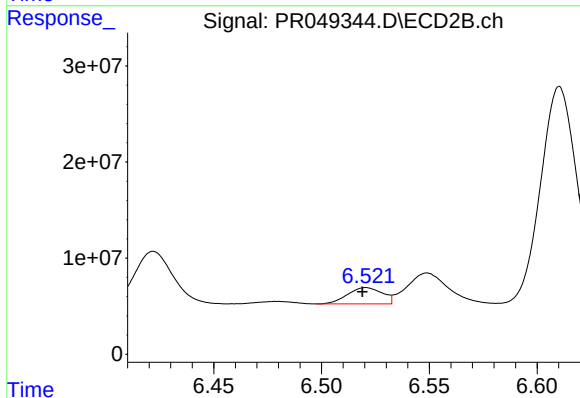
R.T.: 6.307 min
Delta R.T.: 0.016 min
Response: 88446259
Conc: 418.70 ng/ml



#29 AR-1254-4

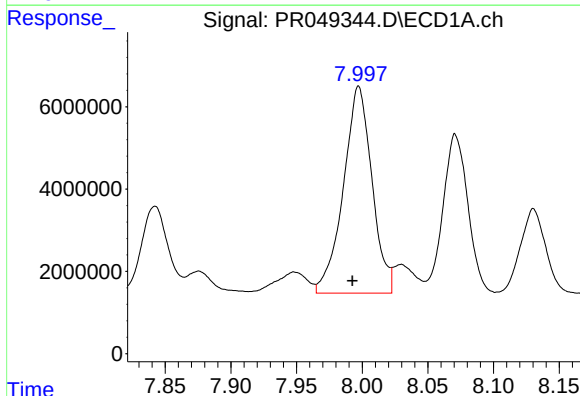
R.T.: 7.579 min
Delta R.T.: 0.007 min
Response: 10908477
Conc: 89.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



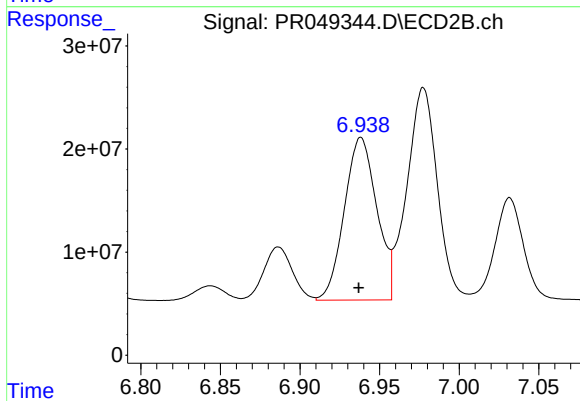
#29 AR-1254-4

R.T.: 6.521 min
Delta R.T.: 0.002 min
Response: 18942410
Conc: 56.07 ng/ml



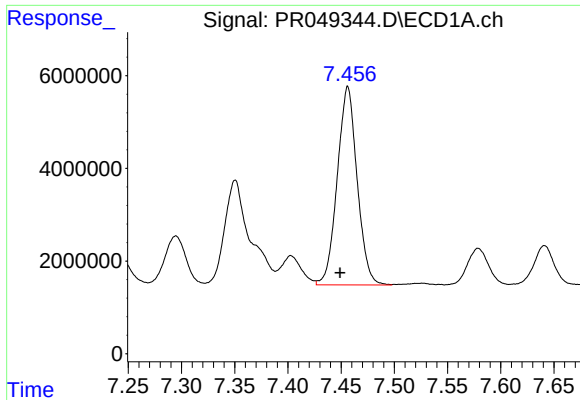
#30 AR-1254-5

R.T.: 7.997 min
Delta R.T.: 0.005 min
Response: 76176987
Conc: 624.37 ng/ml



#30 AR-1254-5

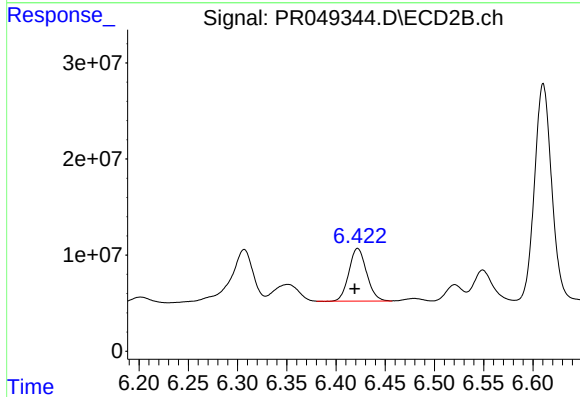
R.T.: 6.938 min
Delta R.T.: 0.001 min
Response: 224087140
Conc: 558.89 ng/ml



#31 AR-1260-1

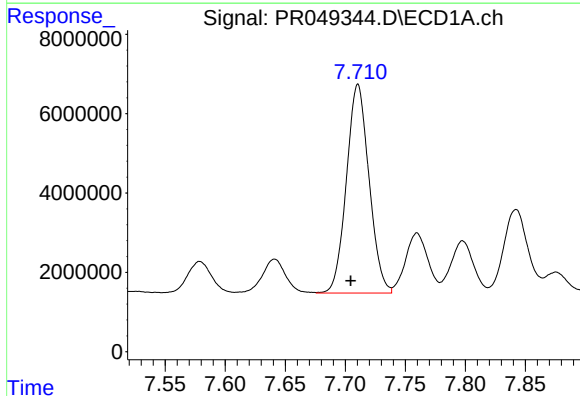
R.T.: 7.456 min
Delta R.T.: 0.007 min
Response: 55701555
Conc: 490.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



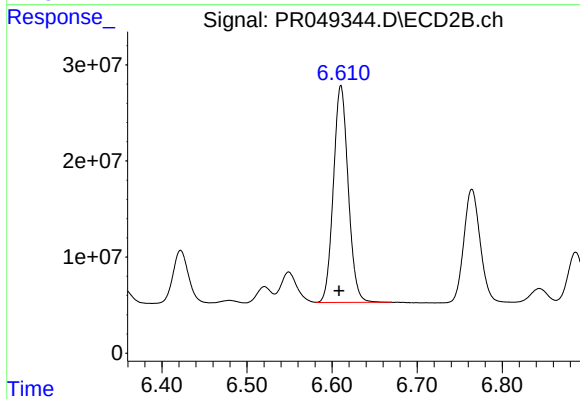
#31 AR-1260-1

R.T.: 6.422 min
Delta R.T.: 0.003 min
Response: 68305226
Conc: 564.93 ng/ml



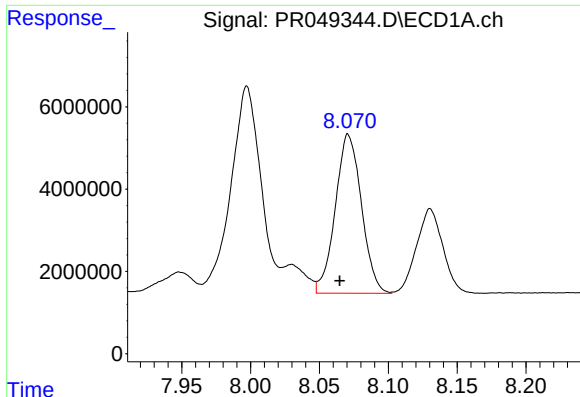
#32 AR-1260-2

R.T.: 7.711 min
Delta R.T.: 0.006 min
Response: 68956489
Conc: 486.69 ng/ml



#32 AR-1260-2

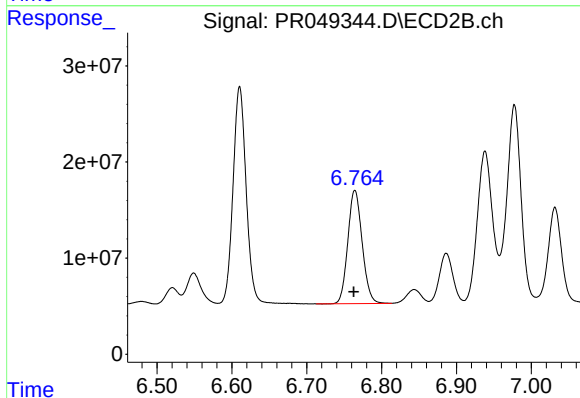
R.T.: 6.610 min
Delta R.T.: 0.002 min
Response: 272905624
Conc: 577.17 ng/ml



#33 AR-1260-3

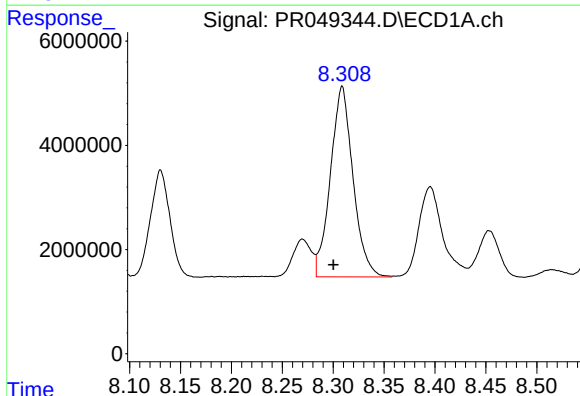
R.T.: 8.071 min
Delta R.T.: 0.006 min
Response: 51084000
Conc: 466.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



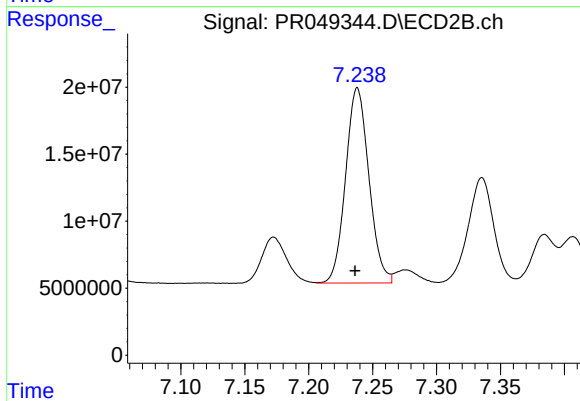
#33 AR-1260-3

R.T.: 6.764 min
Delta R.T.: 0.001 min
Response: 156762119
Conc: 575.93 ng/ml



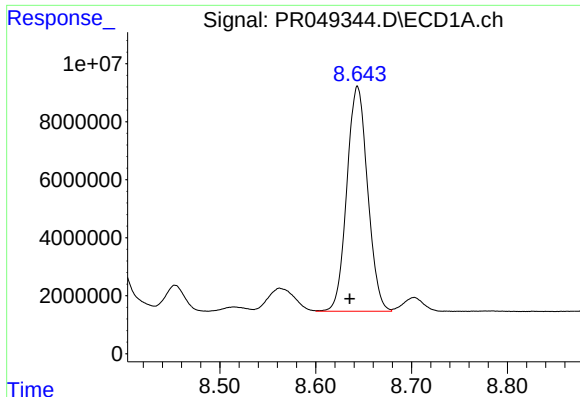
#34 AR-1260-4

R.T.: 8.309 min
Delta R.T.: 0.009 min
Response: 56428141
Conc: 473.05 ng/ml



#34 AR-1260-4

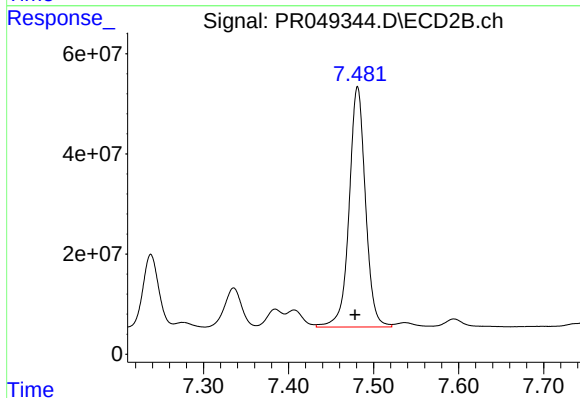
R.T.: 7.238 min
Delta R.T.: 0.002 min
Response: 185309191
Conc: 568.63 ng/ml



#35 AR-1260-5

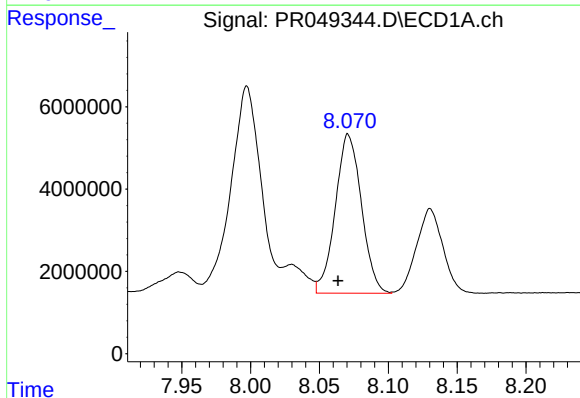
R.T.: 8.644 min
Delta R.T.: 0.008 min
Response: 117482170
Conc: 477.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



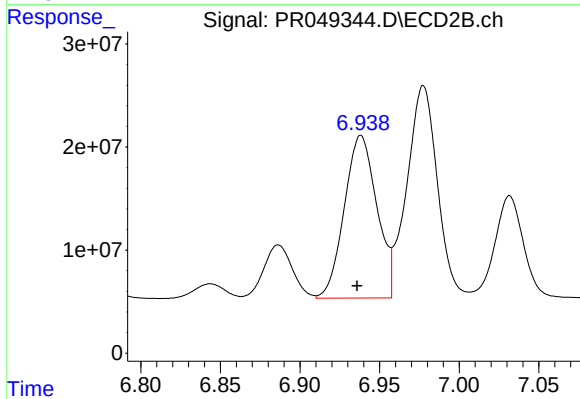
#35 AR-1260-5

R.T.: 7.481 min
Delta R.T.: 0.003 min
Response: 640190201
Conc: 518.90 ng/ml



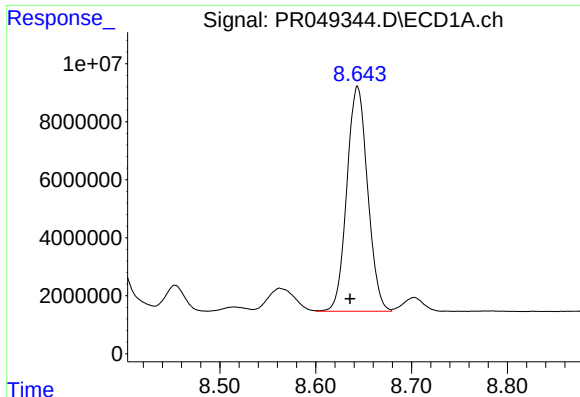
#36 AR-1262-1

R.T.: 8.071 min
Delta R.T.: 0.007 min
Response: 51084000
Conc: 328.95 ng/ml



#36 AR-1262-1

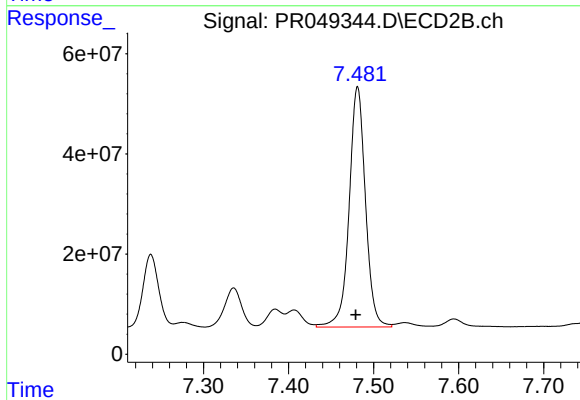
R.T.: 6.938 min
Delta R.T.: 0.002 min
Response: 224087140
Conc: 994.22 ng/ml



#37 AR-1262-2

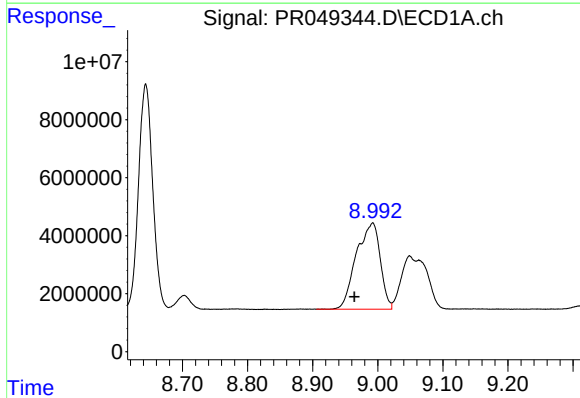
R.T.: 8.644 min
Delta R.T.: 0.008 min
Response: 117482170
Conc: 421.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



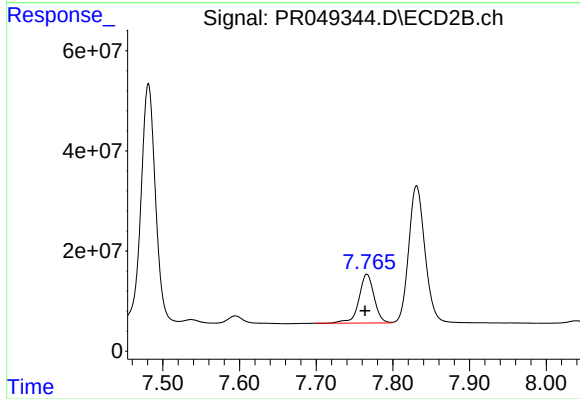
#37 AR-1262-2

R.T.: 7.481 min
Delta R.T.: 0.002 min
Response: 640190201
Conc: 441.48 ng/ml



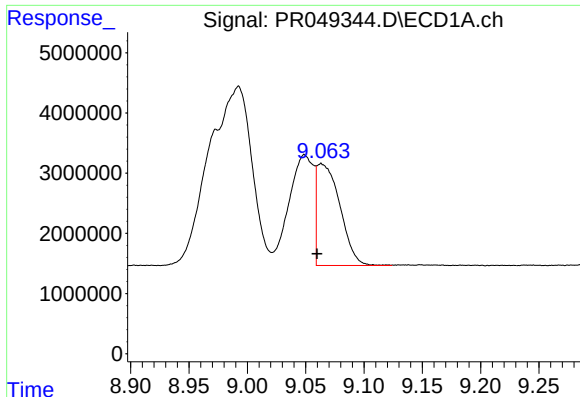
#38 AR-1262-3

R.T.: 8.992 min
Delta R.T.: 0.028 min
Response: 75778470
Conc: 389.85 ng/ml



#38 AR-1262-3

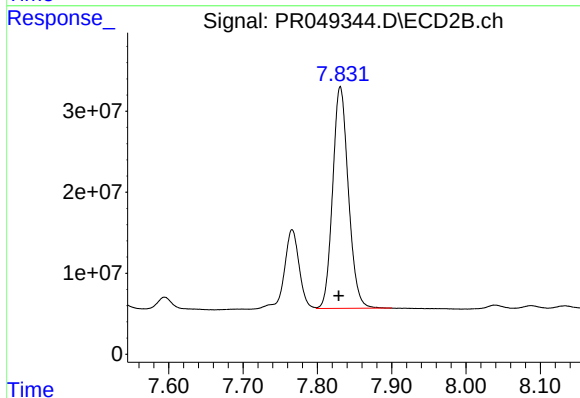
R.T.: 7.766 min
Delta R.T.: 0.003 min
Response: 134037765
Conc: 240.84 ng/ml



#39 AR-1262-4

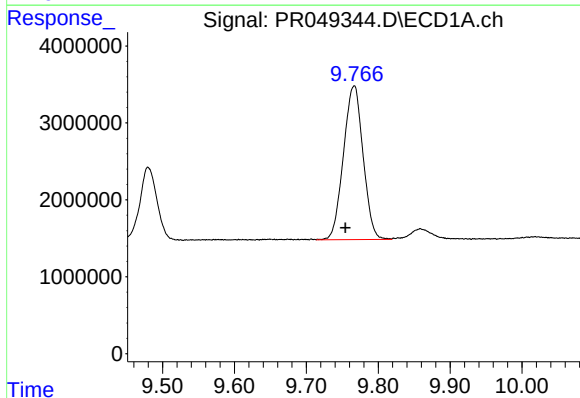
R.T.: 9.063 min
Delta R.T.: 0.004 min
Response: 23349087
Conc: 264.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



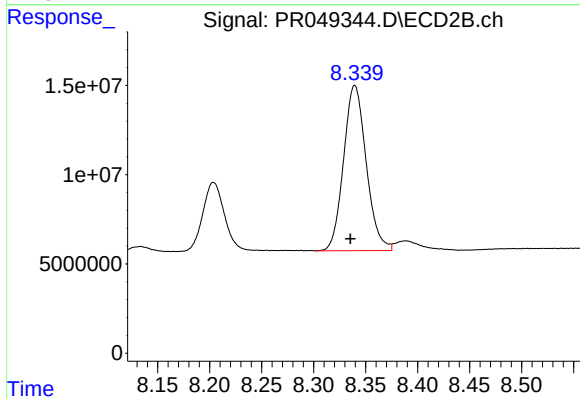
#39 AR-1262-4

R.T.: 7.831 min
Delta R.T.: 0.002 min
Response: 402102294
Conc: 429.22 ng/ml



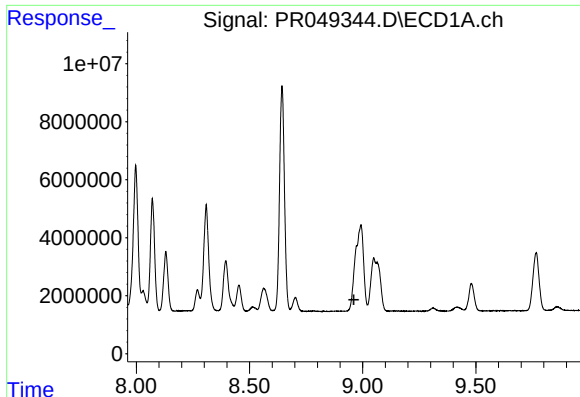
#40 AR-1262-5

R.T.: 9.767 min
Delta R.T.: 0.012 min
Response: 37852230
Conc: 343.58 ng/ml



#40 AR-1262-5

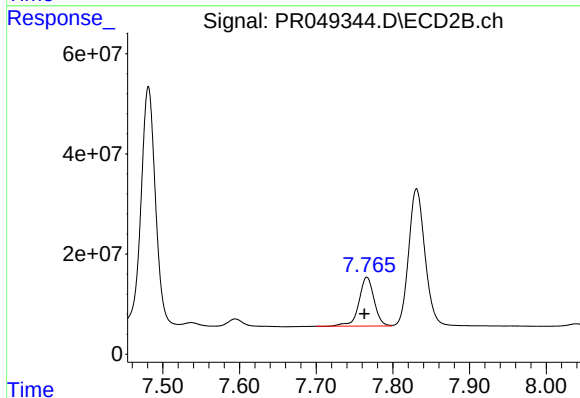
R.T.: 8.339 min
Delta R.T.: 0.004 min
Response: 140451360
Conc: 335.52 ng/ml



#41 AR-1268-1

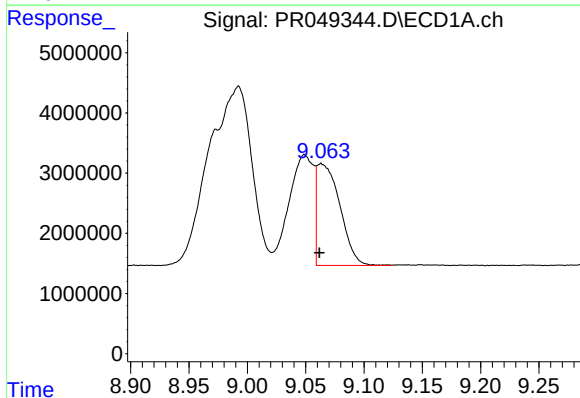
R.T.: 0.000 min
Exp R.T.: 8.961 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



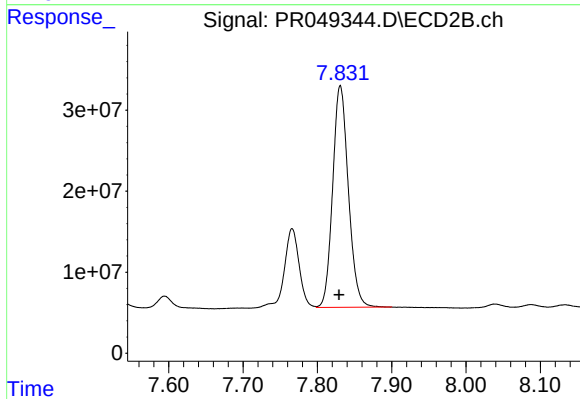
#41 AR-1268-1

R.T.: 7.766 min
Delta R.T.: 0.003 min
Response: 134037765
Conc: 77.14 ng/ml



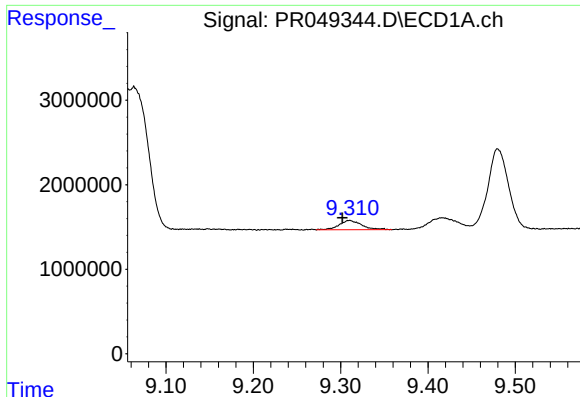
#42 AR-1268-2

R.T.: 9.063 min
Delta R.T.: 0.002 min
Response: 23349087
Conc: 73.47 ng/ml



#42 AR-1268-2

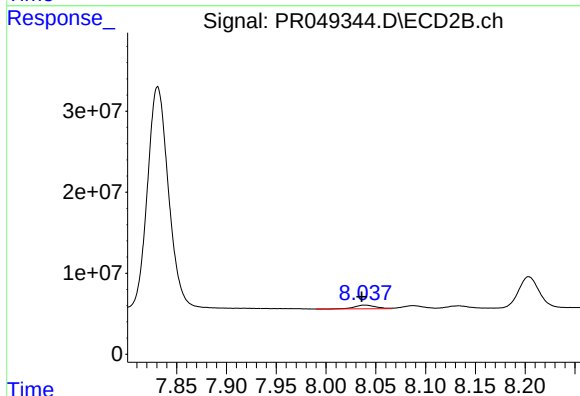
R.T.: 7.831 min
Delta R.T.: 0.002 min
Response: 402102294
Conc: 277.20 ng/ml



#43 AR-1268-3

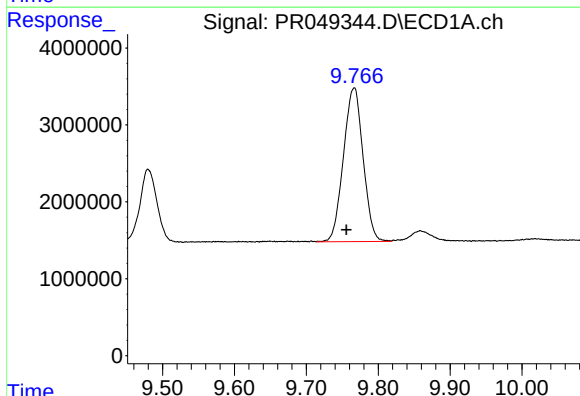
R.T.: 9.310 min
Delta R.T.: 0.008 min
Response: 2000759
Conc: 7.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



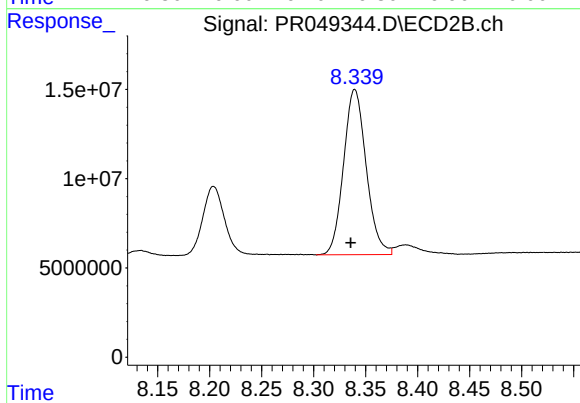
#43 AR-1268-3

R.T.: 8.039 min
Delta R.T.: 0.003 min
Response: 6410674
Conc: 4.97 ng/ml



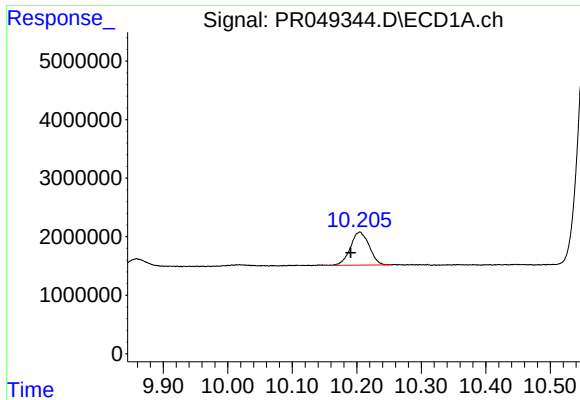
#44 AR-1268-4

R.T.: 9.767 min
Delta R.T.: 0.011 min
Response: 37852230
Conc: 311.25 ng/ml



#44 AR-1268-4

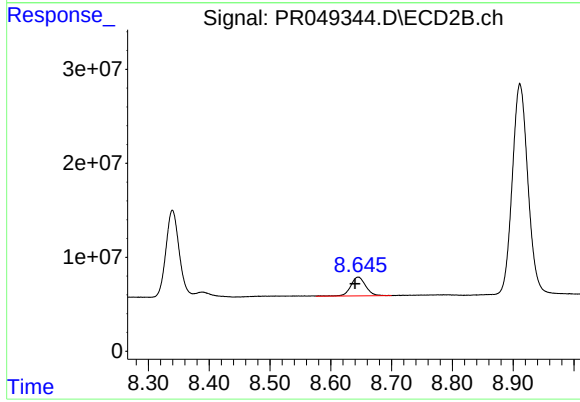
R.T.: 8.339 min
Delta R.T.: 0.004 min
Response: 140451360
Conc: 284.26 ng/ml



#45 AR-1268-5

R.T.: 10.205 min
Delta R.T.: 0.014 min
Response: 11487611
Conc: 12.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.645 min
Delta R.T.: 0.005 min
Response: 34435530
Conc: 9.06 ng/ml