

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR042021\
 Data File : PR050037.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2021 00:10
 Operator : DD\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR16603019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 03:19:51 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040621CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 07 06:22:57 2021
 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...	4.636	3.820	84549827	131.9E6	19.005	17.879
2)	SA Decachlor...	10.507	8.850	189.2E6	264.9E6	28.668	31.694
Target Compounds							
3)	L1 AR-1016-1	5.817	4.906	75590312	97936264	356.291	360.961
4)	L1 AR-1016-2	5.839	4.926	109.2E6	141.2E6	362.692	355.009
5)	L1 AR-1016-3	5.901	5.101	65348941	74400841	360.151	355.752
6)	L1 AR-1016-4	6.002	5.142	55390288	55517629	365.116	341.514
7)	L1 AR-1016-5	6.295	5.355	55862051	74338055	363.365	343.336
8)	L2 AR-1221-1	4.844	4.031	6028242	8610364	109.261	105.730
9)	L2 AR-1221-2	4.937	4.118	7806501	11273806	194.509	193.955
10)	L2 AR-1221-3	5.014	4.194	33195797	47137064	247.764	239.932
11)	L3 AR-1232-1	5.014	4.194	33195797	47137064	312.348	306.242
12)	L3 AR-1232-2	5.548	4.926	50071875	141.2E6	825.803	865.741
13)	L3 AR-1232-3	5.839	5.101	109.2E6	74400841	870.260	864.919
14)	L3 AR-1232-4	6.002	5.185	55390288	68730479	881.040	915.425
15)	L3 AR-1232-5	6.088	5.355	48756580	74338055	979.866	883.730
16)	L4 AR-1242-1	5.817	4.906	75590312	97936264	395.768	402.719
17)	L4 AR-1242-2	5.839	4.926	109.2E6	141.2E6	407.485	399.876
18)	L4 AR-1242-3	5.901	5.101	65348941	74400841	400.698	398.148
19)	L4 AR-1242-4	6.002	5.185	55390288	68730479	407.457	390.310
20)	L4 AR-1242-5	6.740	5.707	8633847	54173429	54.517	227.570 #
21)	L5 AR-1248-1	5.817	4.906	75590312	97936264	589.439	585.507
22)	L5 AR-1248-2	6.088	5.142	48756580	55517629	263.899	246.983
23)	L5 AR-1248-3	6.295	5.185	55862051	68730479	267.452	287.682
24)	L5 AR-1248-4	6.700	5.355	10379030	74338055	41.447	252.819 #
25)	L5 AR-1248-5	6.740	5.748	8633847	9300375	35.663	30.414
26)	L6 AR-1254-1	6.672	5.707	39017109	54173429	111.525	82.789 #
27)	L6 AR-1254-2	6.890	5.853	43010161	49095724	77.389	87.309
28)	L6 AR-1254-3	7.260	6.271	25588746	22298471	40.841	22.657 #
29)	L6 AR-1254-4	7.546	6.482	18092452	14781359	37.650	24.466 #
30)	L6 AR-1254-5	7.965	6.899	144.1E6	191.9E6	269.532	220.171
31)	L7 AR-1260-1	7.421	6.385	100.9E6	136.5E6	354.697	338.710
32)	L7 AR-1260-2	7.678	6.572	121.1E6	166.6E6	345.076	339.065
33)	L7 AR-1260-3	8.037	6.726	91211575	159.0E6	333.253	337.922
34)	L7 AR-1260-4	8.272	7.197	107.1E6	132.8E6	330.064	330.093
35)	L7 AR-1260-5	8.608	7.435	217.0E6	333.9E6	319.941	334.071
36)	L8 AR-1262-1	8.037	6.899	91211575	191.9E6	185.829	538.081 #
37)	L8 AR-1262-2	8.608	7.435	217.0E6	333.9E6	229.772	255.031
38)	L8 AR-1262-3	8.932	7.720	40576959	68110617	64.995	139.540 #
39)	L8 AR-1262-4	9.010	7.782	81926655	237.6E6	177.507	247.261 #
40)	L8 AR-1262-5	9.723	8.281	60022299	84382566	178.060	194.986
41)	L9 AR-1268-1	8.932	7.720	40576959	68110617	39.413	49.662 #
42)	L9 AR-1268-2	9.010	7.782	81926655	237.6E6	87.472	186.326 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR042021\
 Data File : PR050037.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2021 00:10
 Operator : DD\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

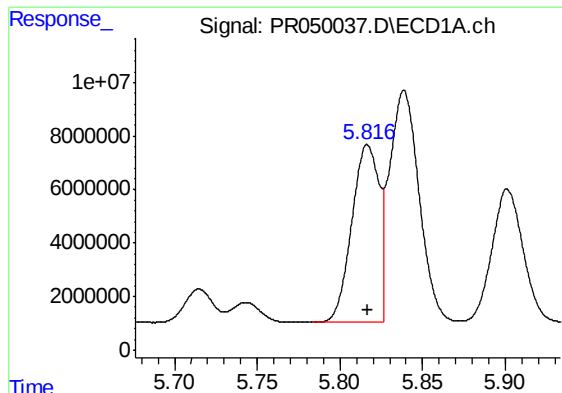
Instrument :
 ECD_R
 ClientSampleId :
 AR16603019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 03:19:51 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040621CLP.M
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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	9.267	7.992	2590083	4319226	3.242	4.062 #
44) L9	AR-1268-4	9.723	8.281	60022299	84382566	171.179	185.987
45) L9	AR-1268-5	10.158	8.584	16474868	22902495	5.987	6.608

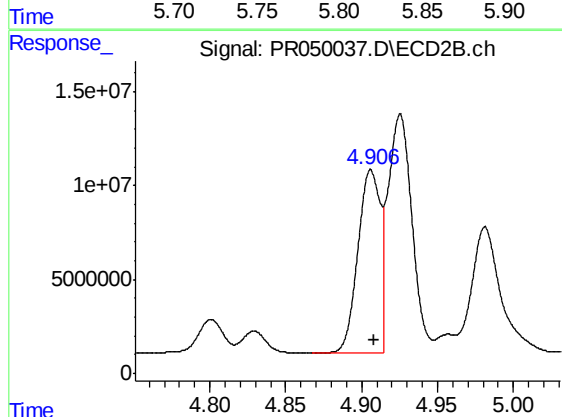
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

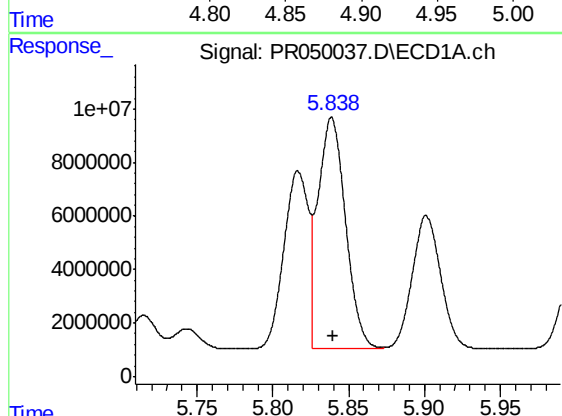
R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 75590312
Conc: 356.29 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603019



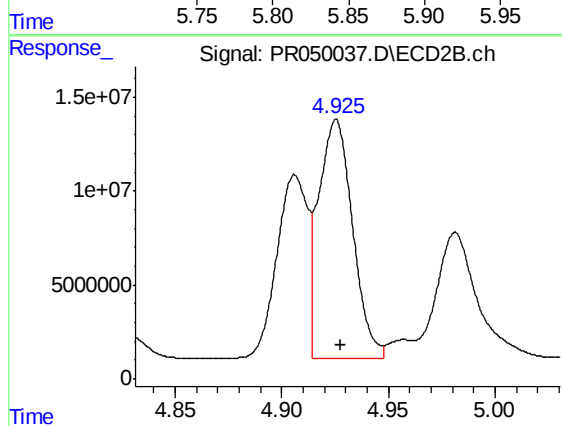
#3 AR-1016-1

R.T.: 4.906 min
Delta R.T.: -0.002 min
Response: 97936264
Conc: 360.96 ng/ml



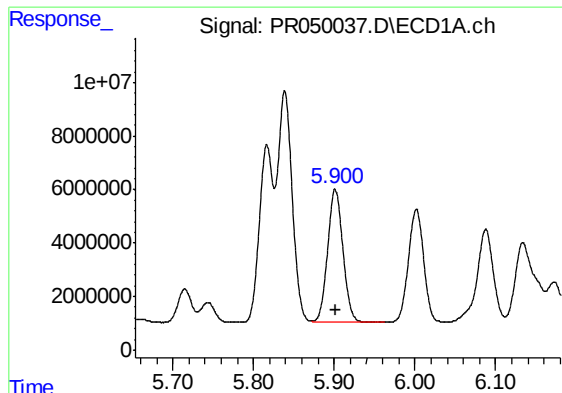
#4 AR-1016-2

R.T.: 5.839 min
Delta R.T.: -0.001 min
Response: 109171720
Conc: 362.69 ng/ml



#4 AR-1016-2

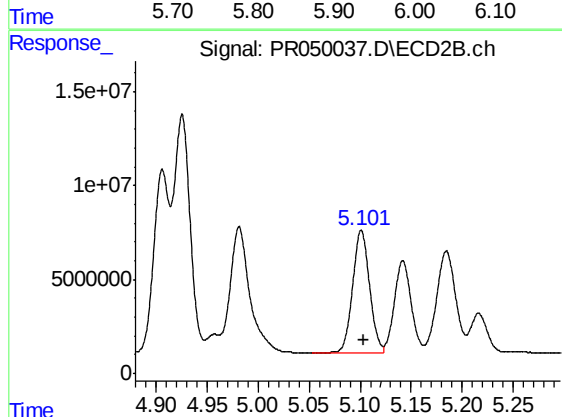
R.T.: 4.926 min
Delta R.T.: -0.002 min
Response: 141156086
Conc: 355.01 ng/ml



#5 AR-1016-3

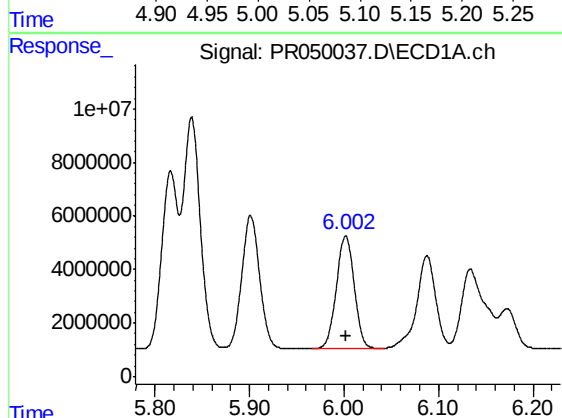
R.T.: 5.901 min
Delta R.T.: 0.000 min
Response: 65348941
Conc: 360.15 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603019



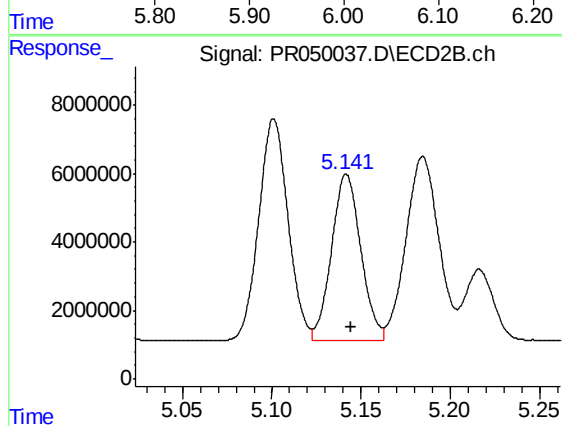
#5 AR-1016-3

R.T.: 5.101 min
Delta R.T.: -0.003 min
Response: 74400841
Conc: 355.75 ng/ml



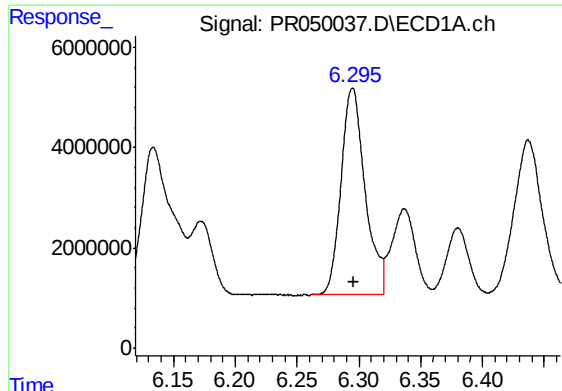
#6 AR-1016-4

R.T.: 6.002 min
Delta R.T.: 0.000 min
Response: 55390288
Conc: 365.12 ng/ml



#6 AR-1016-4

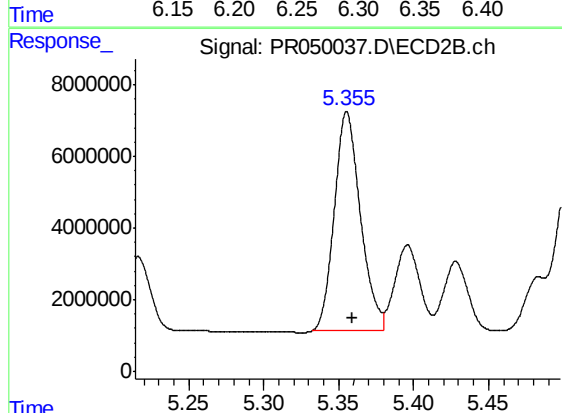
R.T.: 5.142 min
Delta R.T.: -0.003 min
Response: 55517629
Conc: 341.51 ng/ml



#7 AR-1016-5

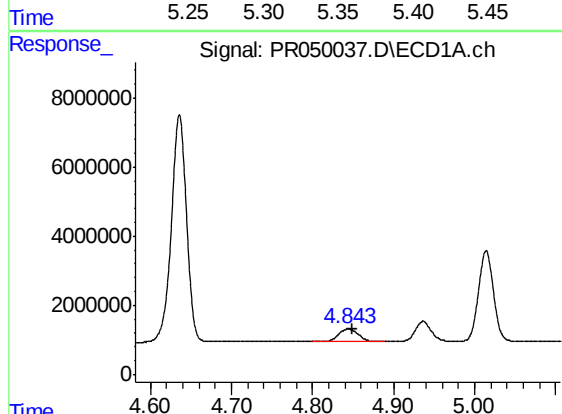
R.T.: 6.295 min
Delta R.T.: -0.001 min
Response: 55862051
Conc: 363.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603019



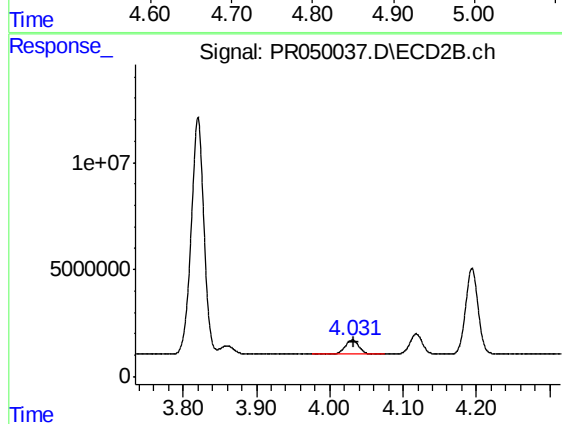
#7 AR-1016-5

R.T.: 5.355 min
Delta R.T.: -0.003 min
Response: 74338055
Conc: 343.34 ng/ml



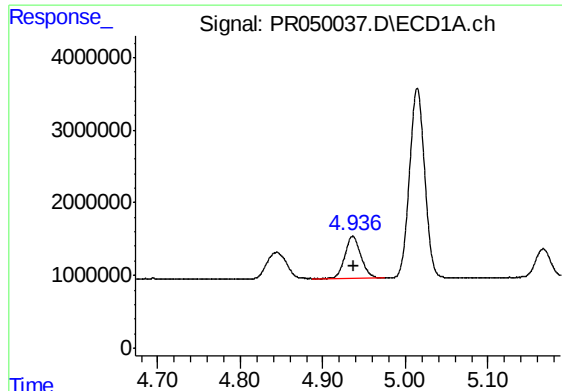
#8 AR-1221-1

R.T.: 4.844 min
Delta R.T.: -0.004 min
Response: 6028242
Conc: 109.26 ng/ml



#8 AR-1221-1

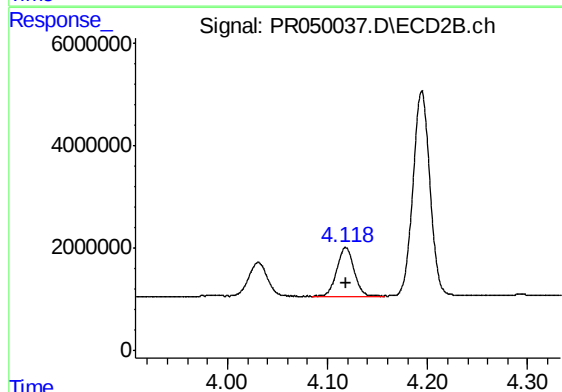
R.T.: 4.031 min
Delta R.T.: -0.002 min
Response: 8610364
Conc: 105.73 ng/ml



#9 AR-1221-2

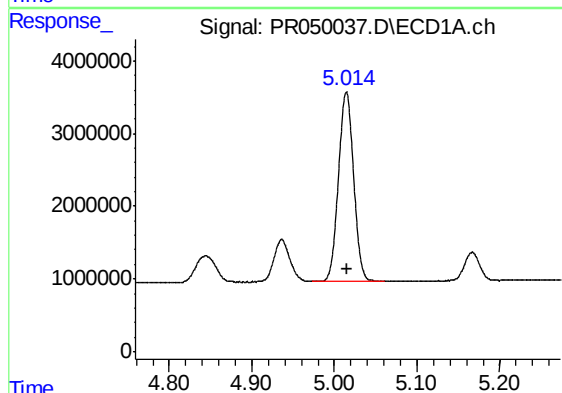
R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 7806501
Conc: 194.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603019



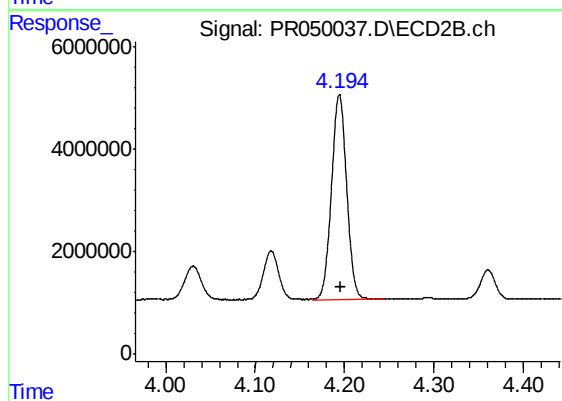
#9 AR-1221-2

R.T.: 4.118 min
Delta R.T.: 0.000 min
Response: 11273806
Conc: 193.95 ng/ml



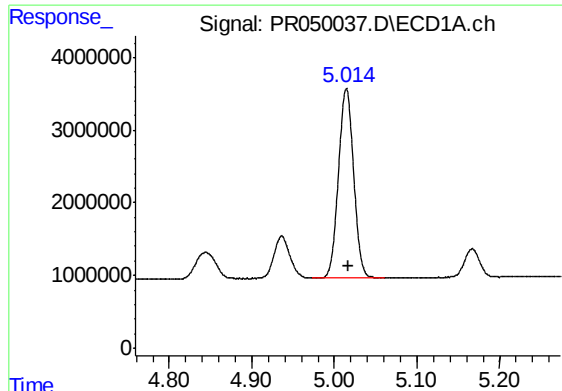
#10 AR-1221-3

R.T.: 5.014 min
Delta R.T.: 0.000 min
Response: 33195797
Conc: 247.76 ng/ml



#10 AR-1221-3

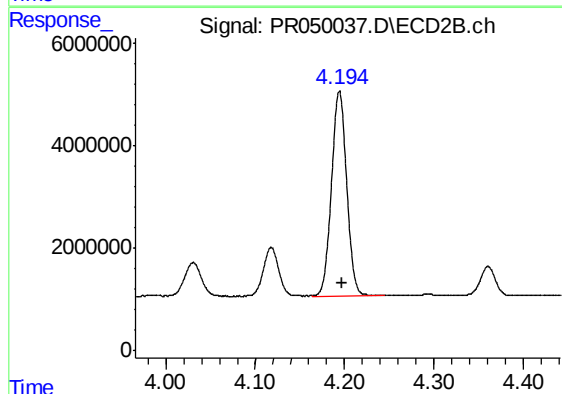
R.T.: 4.194 min
Delta R.T.: -0.002 min
Response: 47137064
Conc: 239.93 ng/ml



#11 AR-1232-1

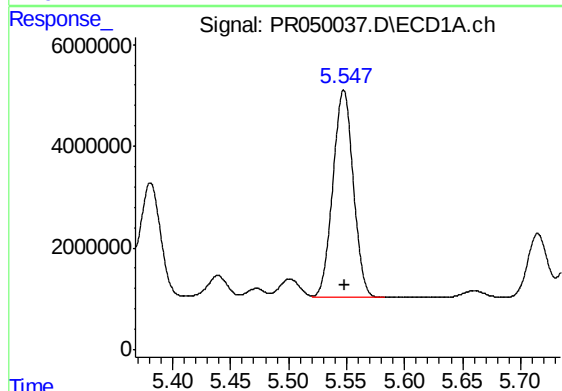
R.T.: 5.014 min
Delta R.T.: -0.002 min
Response: 33195797
Conc: 312.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603019



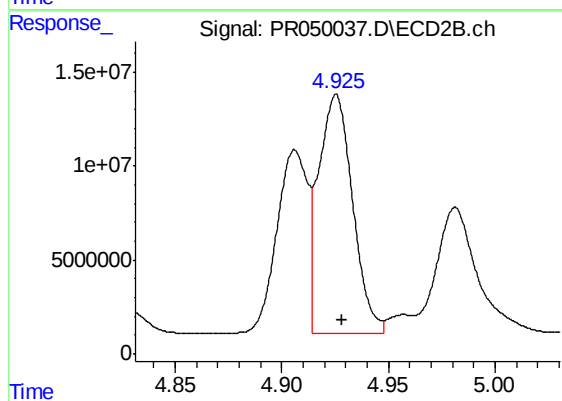
#11 AR-1232-1

R.T.: 4.194 min
Delta R.T.: -0.003 min
Response: 47137064
Conc: 306.24 ng/ml



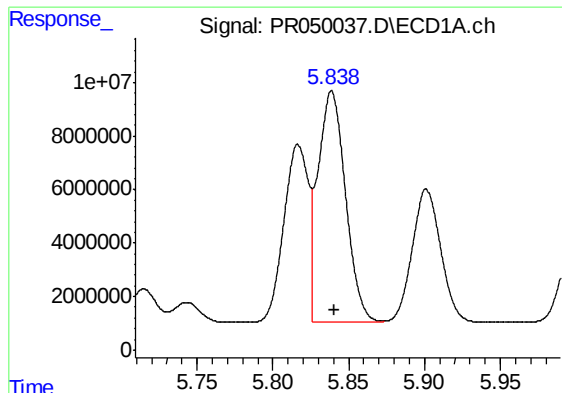
#12 AR-1232-2

R.T.: 5.548 min
Delta R.T.: -0.001 min
Response: 50071875
Conc: 825.80 ng/ml



#12 AR-1232-2

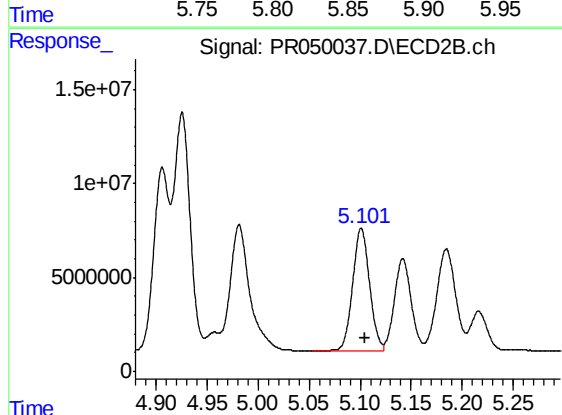
R.T.: 4.926 min
Delta R.T.: -0.003 min
Response: 141156086
Conc: 865.74 ng/ml



#13 AR-1232-3

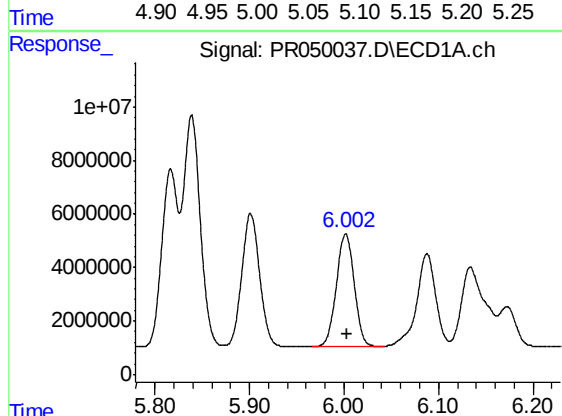
R.T.: 5.839 min
Delta R.T.: -0.002 min
Response: 109171720
Conc: 870.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603019



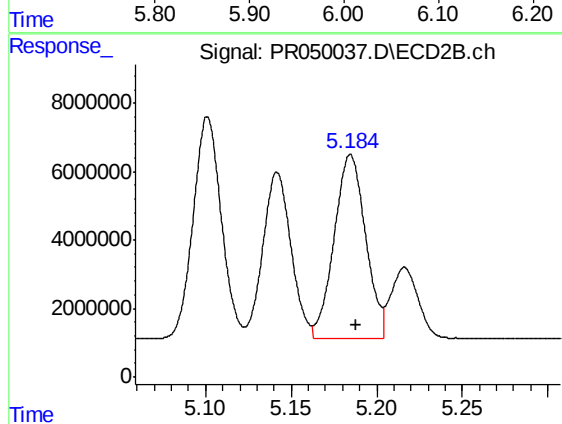
#13 AR-1232-3

R.T.: 5.101 min
Delta R.T.: -0.003 min
Response: 74400841
Conc: 864.92 ng/ml



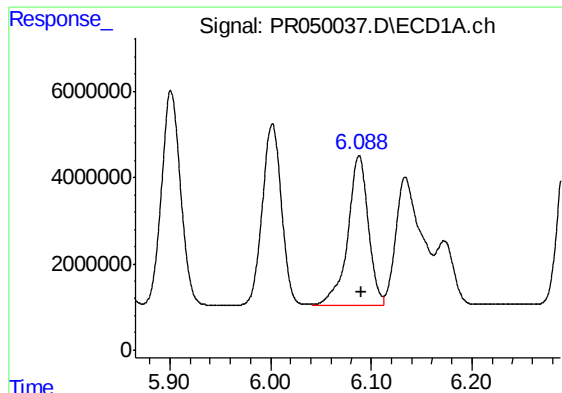
#14 AR-1232-4

R.T.: 6.002 min
Delta R.T.: -0.002 min
Response: 55390288
Conc: 881.04 ng/ml



#14 AR-1232-4

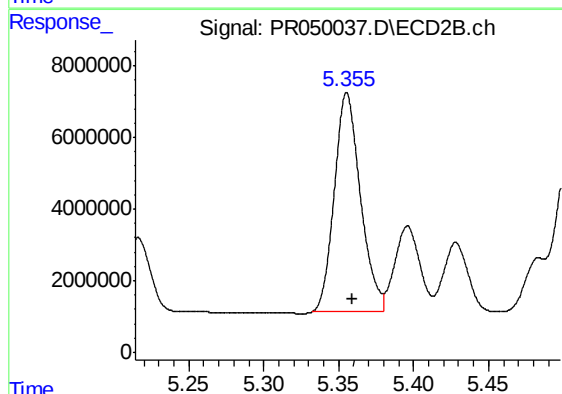
R.T.: 5.185 min
Delta R.T.: -0.003 min
Response: 68730479
Conc: 915.42 ng/ml



#15 AR-1232-5

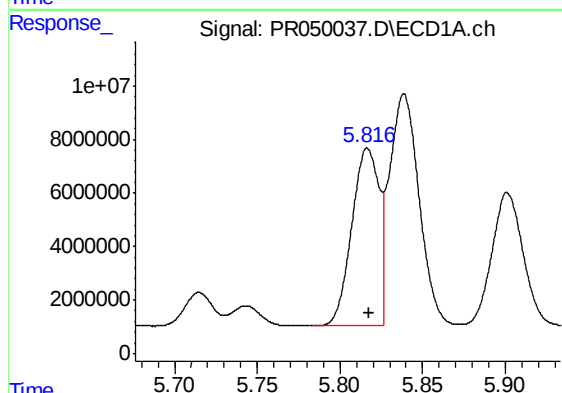
R.T.: 6.088 min
Delta R.T.: -0.002 min
Response: 48756580
Conc: 979.87 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603019



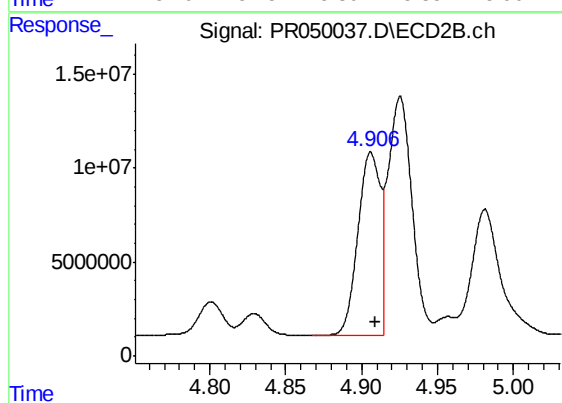
#15 AR-1232-5

R.T.: 5.355 min
Delta R.T.: -0.004 min
Response: 74338055
Conc: 883.73 ng/ml



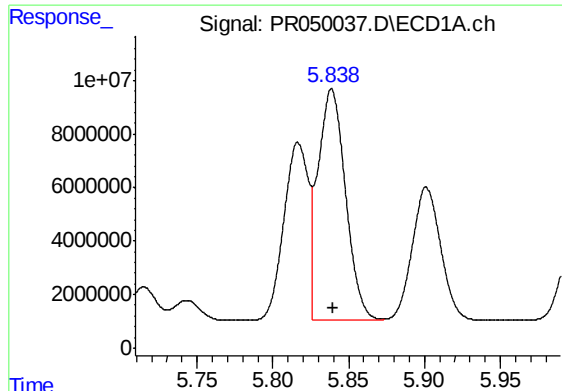
#16 AR-1242-1

R.T.: 5.817 min
Delta R.T.: -0.001 min
Response: 75590312
Conc: 395.77 ng/ml



#16 AR-1242-1

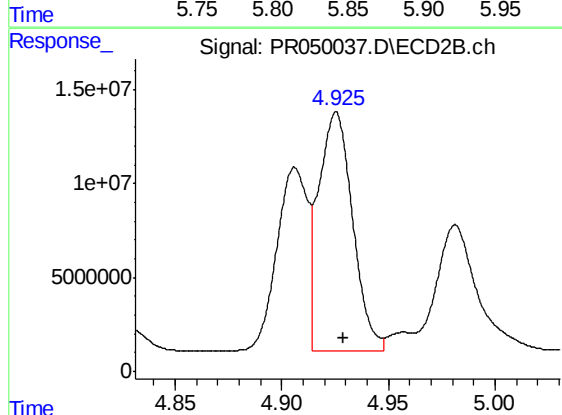
R.T.: 4.906 min
Delta R.T.: -0.003 min
Response: 97936264
Conc: 402.72 ng/ml



#17 AR-1242-2

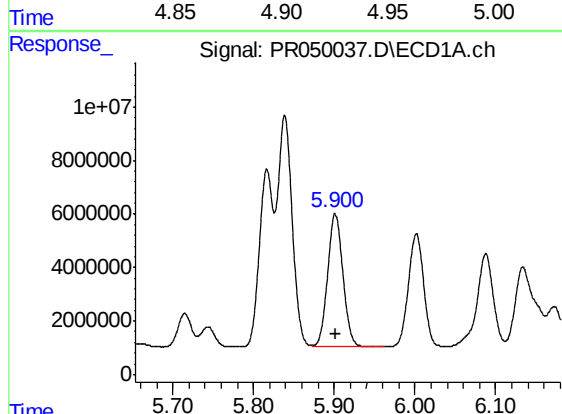
R.T.: 5.839 min
Delta R.T.: -0.001 min
Response: 109171720
Conc: 407.49 ng/ml

Instrument :
ECD_R
ClientSampleId :
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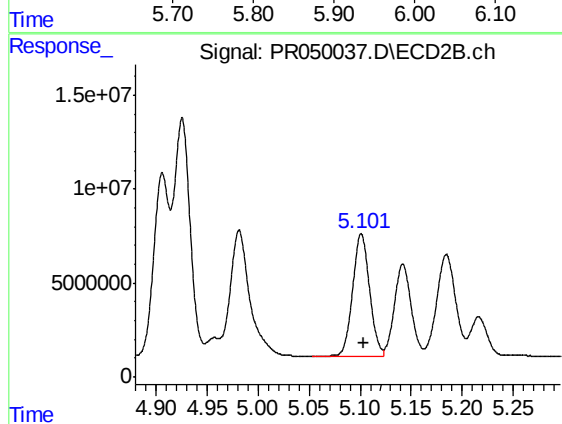
#17 AR-1242-2

R.T.: 4.926 min
Delta R.T.: -0.003 min
Response: 141156086
Conc: 399.88 ng/ml



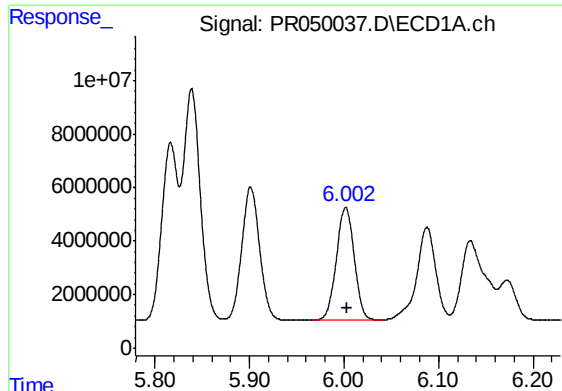
#18 AR-1242-3

R.T.: 5.901 min
Delta R.T.: -0.001 min
Response: 65348941
Conc: 400.70 ng/ml



#18 AR-1242-3

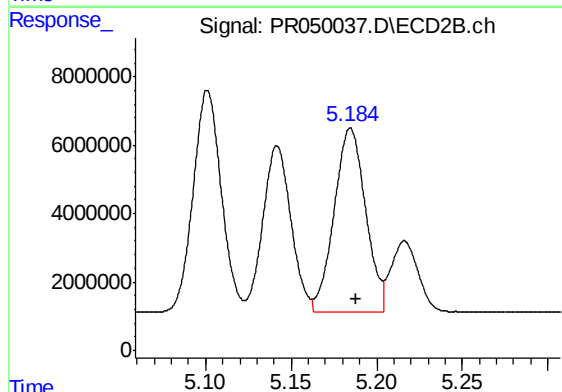
R.T.: 5.101 min
Delta R.T.: -0.003 min
Response: 74400841
Conc: 398.15 ng/ml



#19 AR-1242-4

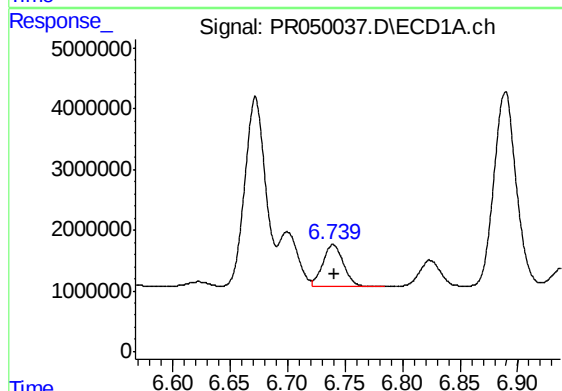
R.T.: 6.002 min
Delta R.T.: -0.001 min
Response: 55390288
Conc: 407.46 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603019



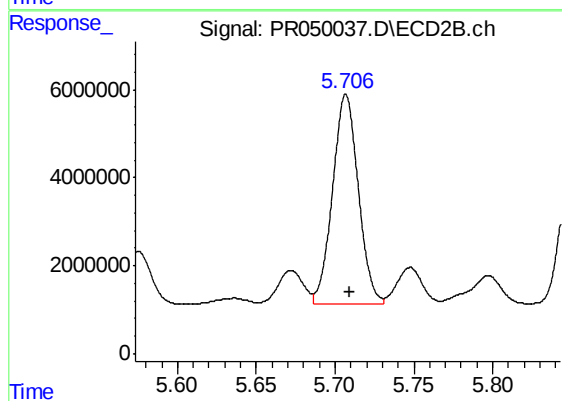
#19 AR-1242-4

R.T.: 5.185 min
Delta R.T.: -0.003 min
Response: 68730479
Conc: 390.31 ng/ml



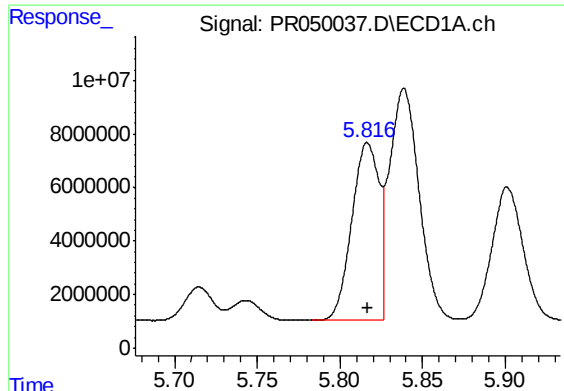
#20 AR-1242-5

R.T.: 6.740 min
Delta R.T.: -0.001 min
Response: 8633847
Conc: 54.52 ng/ml



#20 AR-1242-5

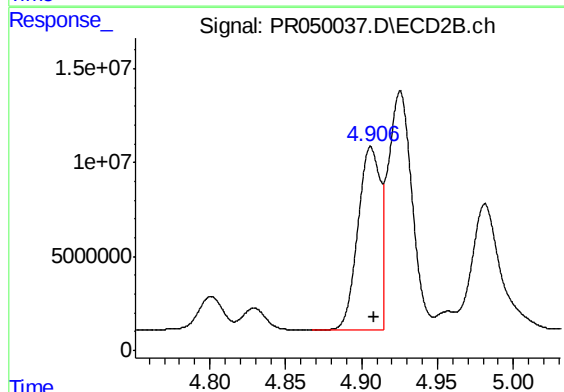
R.T.: 5.707 min
Delta R.T.: -0.002 min
Response: 54173429
Conc: 227.57 ng/ml



#21 AR-1248-1

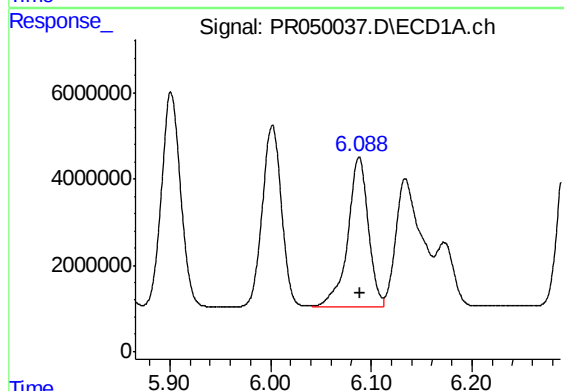
R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 75590312
Conc: 589.44 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603019



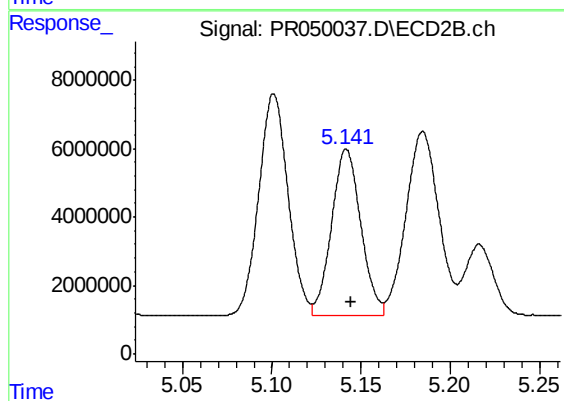
#21 AR-1248-1

R.T.: 4.906 min
Delta R.T.: -0.002 min
Response: 97936264
Conc: 585.51 ng/ml



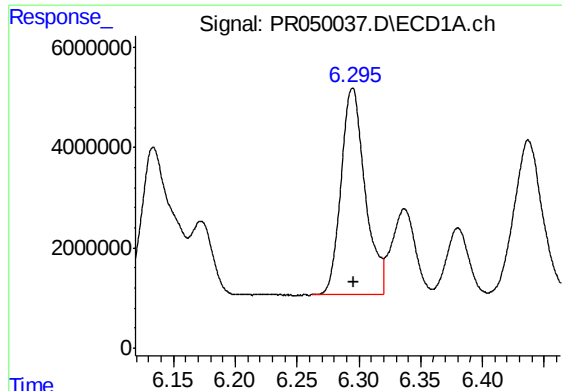
#22 AR-1248-2

R.T.: 6.088 min
Delta R.T.: 0.000 min
Response: 48756580
Conc: 263.90 ng/ml



#22 AR-1248-2

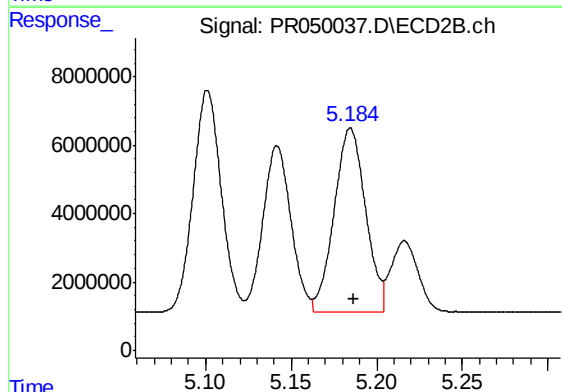
R.T.: 5.142 min
Delta R.T.: -0.002 min
Response: 55517629
Conc: 246.98 ng/ml



#23 AR-1248-3

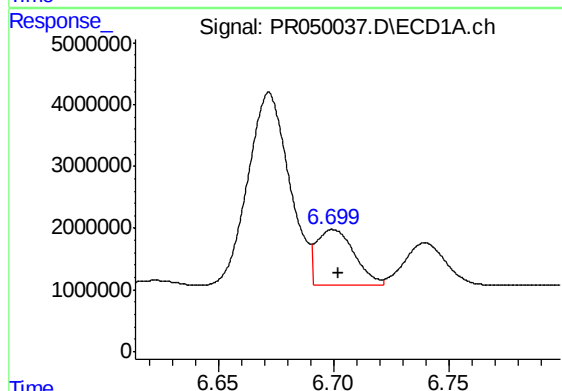
R.T.: 6.295 min
Delta R.T.: 0.000 min
Response: 55862051
Conc: 267.45 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603019



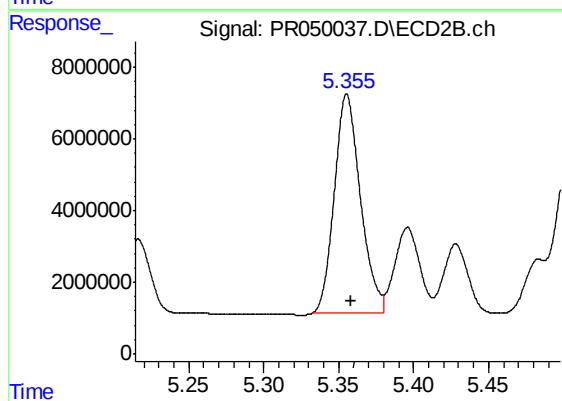
#23 AR-1248-3

R.T.: 5.185 min
Delta R.T.: -0.002 min
Response: 68730479
Conc: 287.68 ng/ml



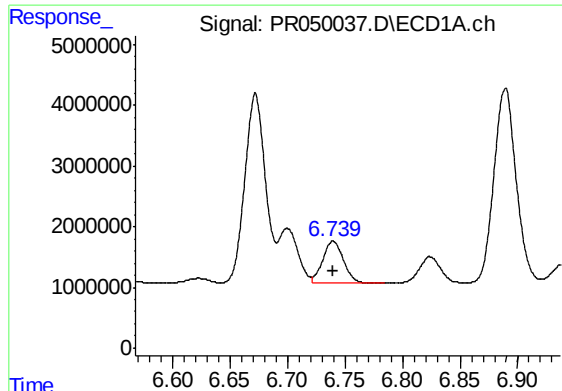
#24 AR-1248-4

R.T.: 6.700 min
Delta R.T.: -0.002 min
Response: 10379030
Conc: 41.45 ng/ml



#24 AR-1248-4

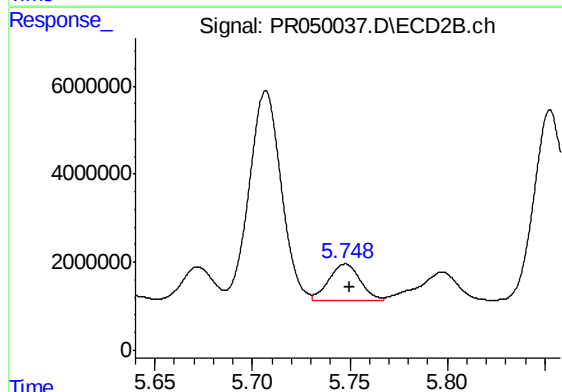
R.T.: 5.355 min
Delta R.T.: -0.003 min
Response: 74338055
Conc: 252.82 ng/ml



#25 AR-1248-5

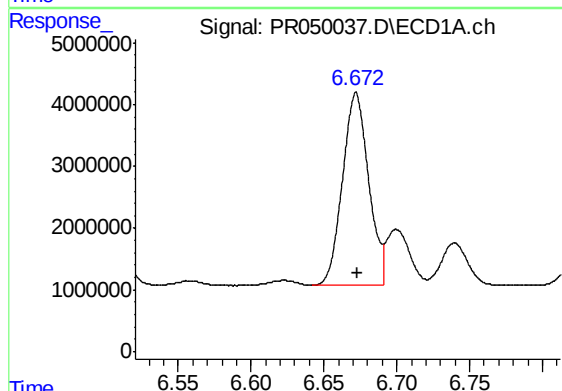
R.T.: 6.740 min
Delta R.T.: 0.000 min
Response: 8633847
Conc: 35.66 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603019



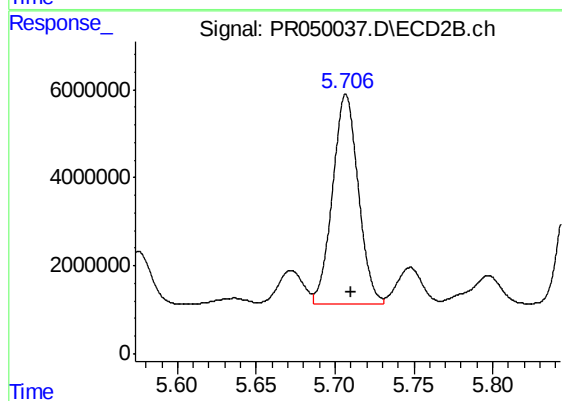
#25 AR-1248-5

R.T.: 5.748 min
Delta R.T.: -0.003 min
Response: 9300375
Conc: 30.41 ng/ml



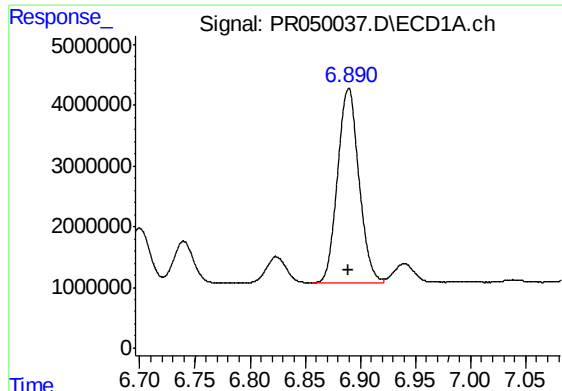
#26 AR-1254-1

R.T.: 6.672 min
Delta R.T.: 0.000 min
Response: 39017109
Conc: 111.52 ng/ml



#26 AR-1254-1

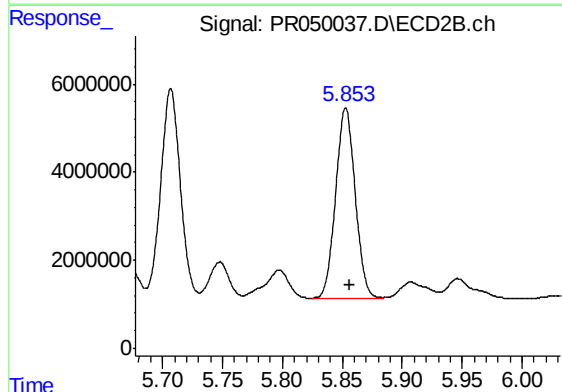
R.T.: 5.707 min
Delta R.T.: -0.003 min
Response: 54173429
Conc: 82.79 ng/ml



#27 AR-1254-2

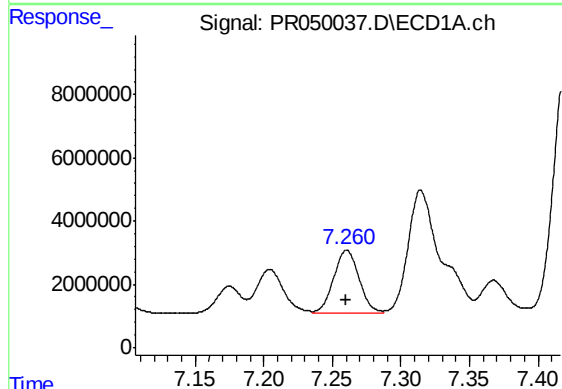
R.T.: 6.890 min
Delta R.T.: 0.000 min
Response: 43010161
Conc: 77.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603019



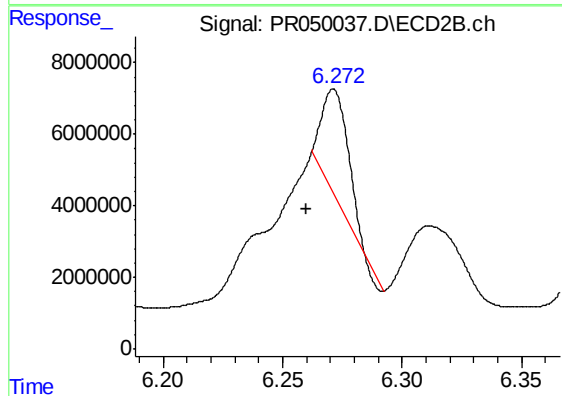
#27 AR-1254-2

R.T.: 5.853 min
Delta R.T.: -0.004 min
Response: 49095724
Conc: 87.31 ng/ml



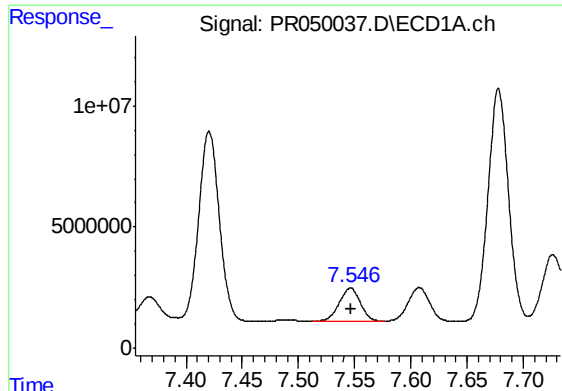
#28 AR-1254-3

R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 25588746
Conc: 40.84 ng/ml



#28 AR-1254-3

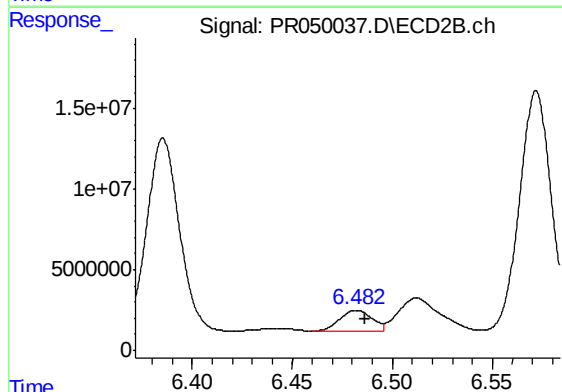
R.T.: 6.271 min
Delta R.T.: 0.011 min
Response: 22298471
Conc: 22.66 ng/ml



#29 AR-1254-4

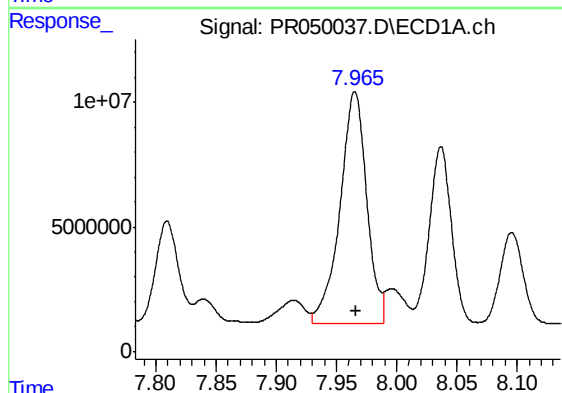
R.T.: 7.546 min
Delta R.T.: 0.000 min
Response: 18092452
Conc: 37.65 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603019



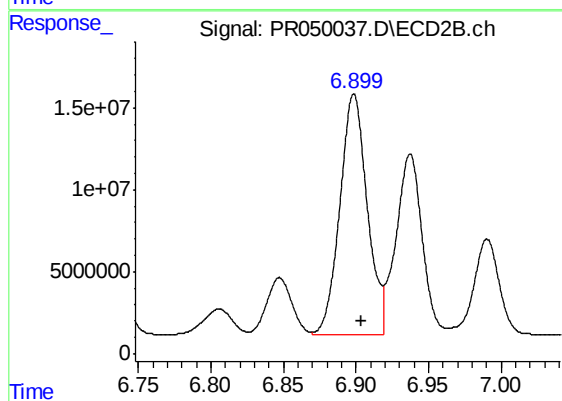
#29 AR-1254-4

R.T.: 6.482 min
Delta R.T.: -0.004 min
Response: 14781359
Conc: 24.47 ng/ml



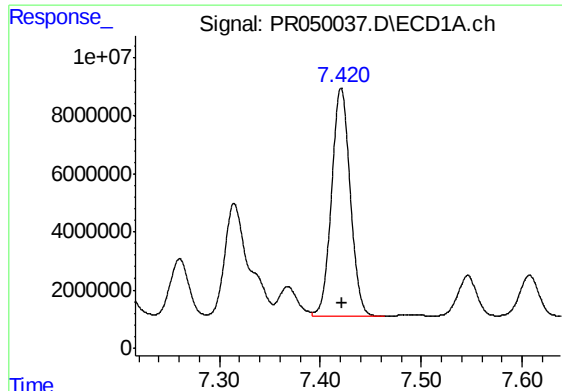
#30 AR-1254-5

R.T.: 7.965 min
Delta R.T.: -0.001 min
Response: 144086485
Conc: 269.53 ng/ml



#30 AR-1254-5

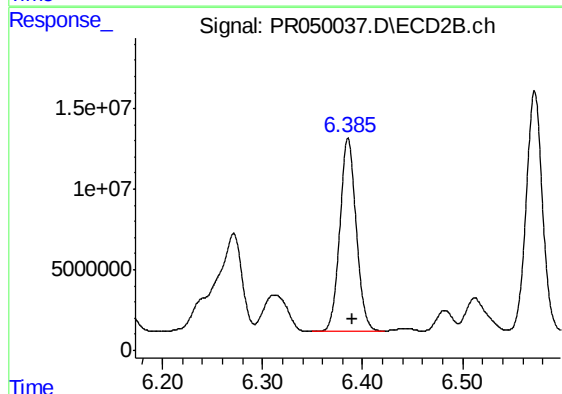
R.T.: 6.899 min
Delta R.T.: -0.005 min
Response: 191855896
Conc: 220.17 ng/ml



#31 AR-1260-1

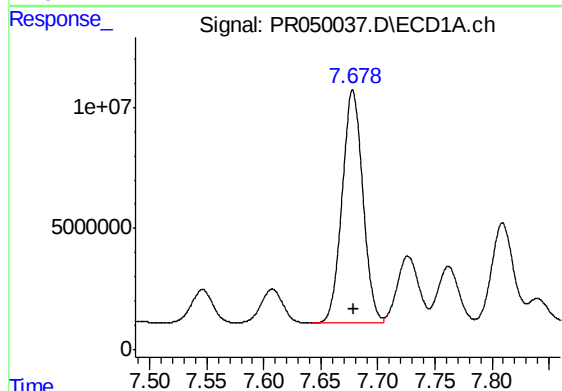
R.T.: 7.421 min
Delta R.T.: 0.000 min
Response: 100858120
Conc: 354.70 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603019



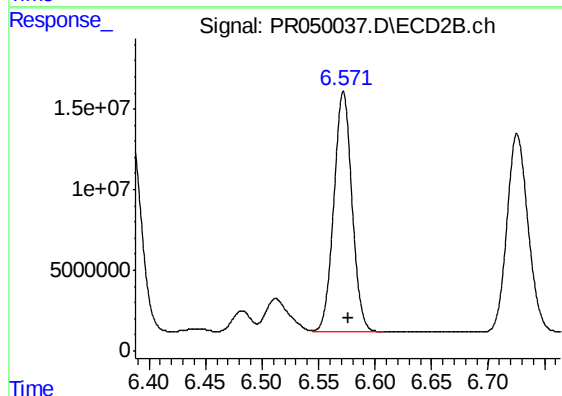
#31 AR-1260-1

R.T.: 6.385 min
Delta R.T.: -0.005 min
Response: 136496628
Conc: 338.71 ng/ml



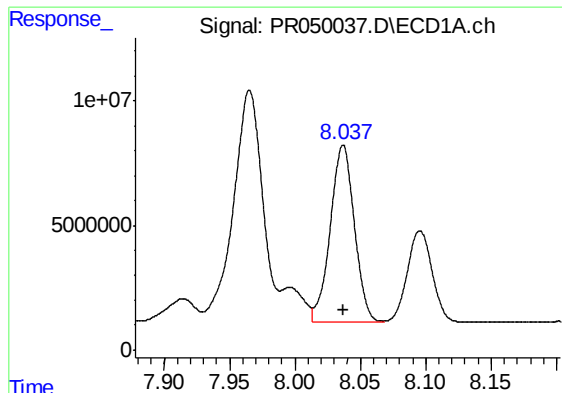
#32 AR-1260-2

R.T.: 7.678 min
Delta R.T.: 0.000 min
Response: 121074533
Conc: 345.08 ng/ml



#32 AR-1260-2

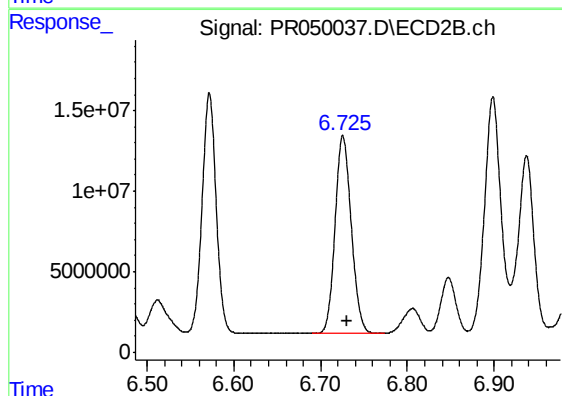
R.T.: 6.572 min
Delta R.T.: -0.004 min
Response: 166574944
Conc: 339.07 ng/ml



#33 AR-1260-3

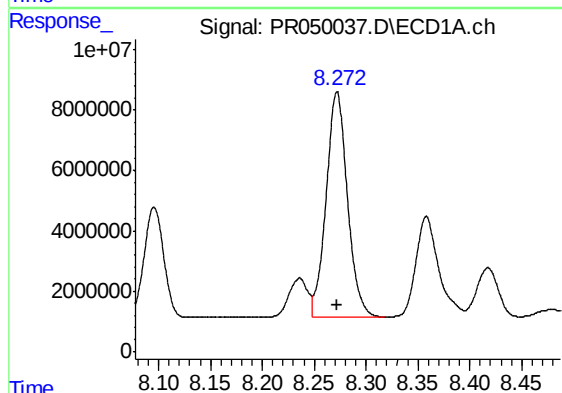
R.T.: 8.037 min
Delta R.T.: 0.000 min
Response: 91211575
Conc: 333.25 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603019



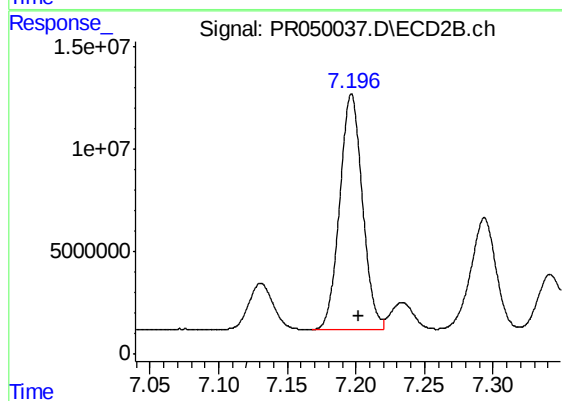
#33 AR-1260-3

R.T.: 6.726 min
Delta R.T.: -0.005 min
Response: 159047618
Conc: 337.92 ng/ml



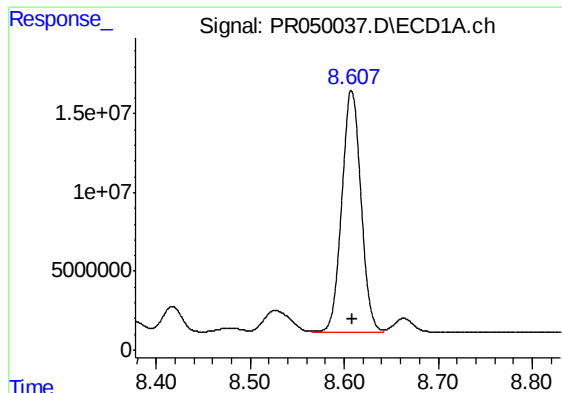
#34 AR-1260-4

R.T.: 8.272 min
Delta R.T.: 0.000 min
Response: 107068447
Conc: 330.06 ng/ml



#34 AR-1260-4

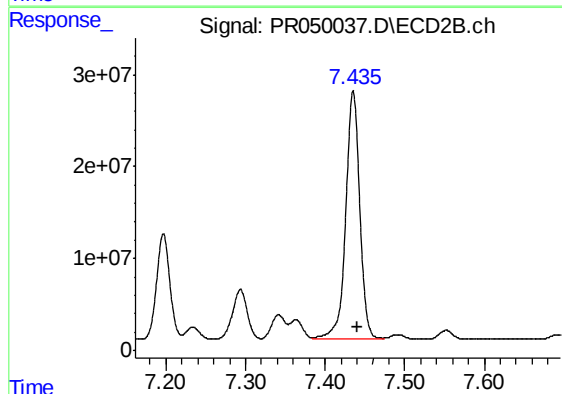
R.T.: 7.197 min
Delta R.T.: -0.006 min
Response: 132793203
Conc: 330.09 ng/ml



#35 AR-1260-5

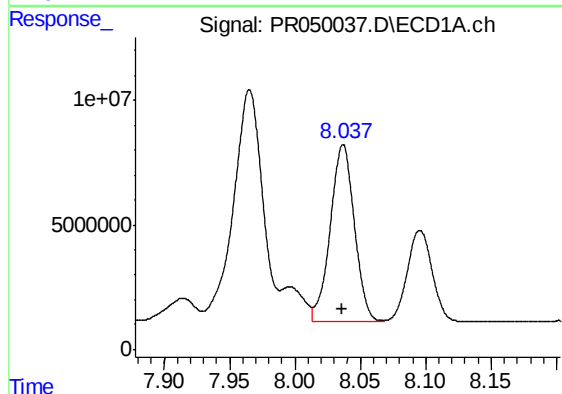
R.T.: 8.608 min
Delta R.T.: 0.000 min
Response: 217002239
Conc: 319.94 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603019



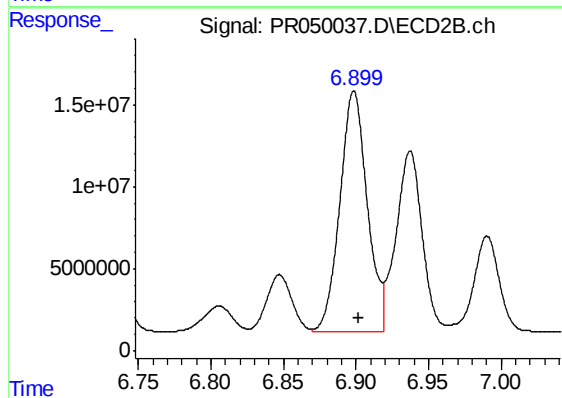
#35 AR-1260-5

R.T.: 7.435 min
Delta R.T.: -0.006 min
Response: 333857063
Conc: 334.07 ng/ml



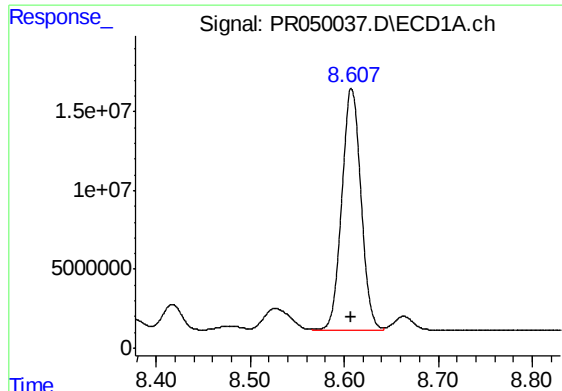
#36 AR-1262-1

R.T.: 8.037 min
Delta R.T.: 0.000 min
Response: 91211575
Conc: 185.83 ng/ml



#36 AR-1262-1

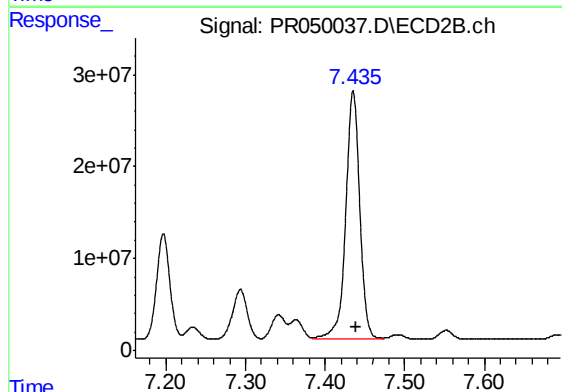
R.T.: 6.899 min
Delta R.T.: -0.003 min
Response: 191855896
Conc: 538.08 ng/ml



#37 AR-1262-2

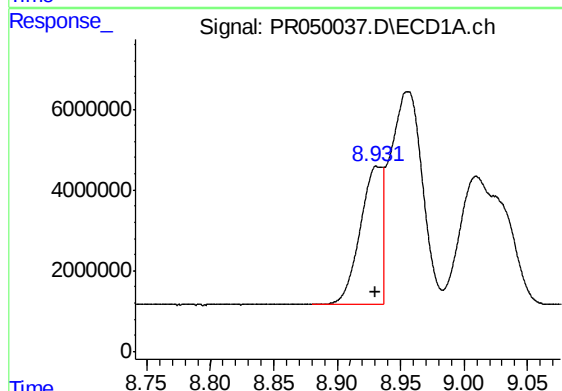
R.T.: 8.608 min
Delta R.T.: 0.000 min
Response: 217002239
Conc: 229.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603019



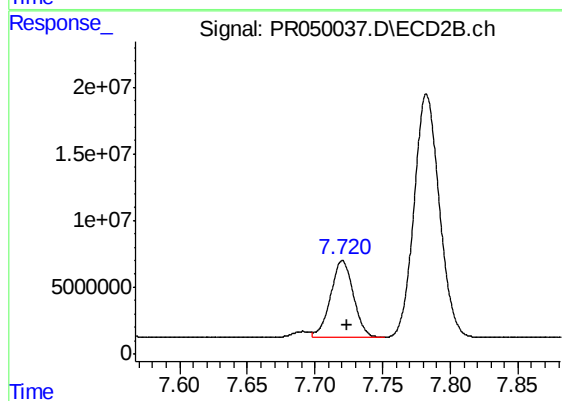
#37 AR-1262-2

R.T.: 7.435 min
Delta R.T.: -0.004 min
Response: 333857063
Conc: 255.03 ng/ml



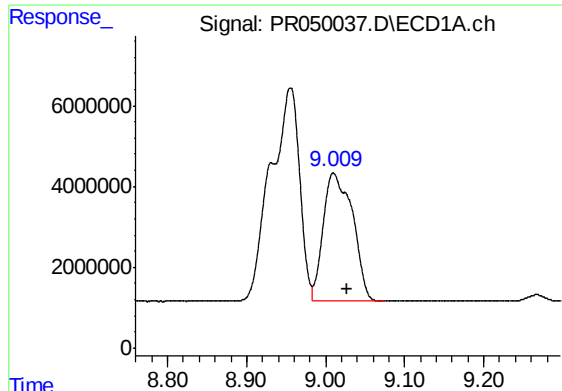
#38 AR-1262-3

R.T.: 8.932 min
Delta R.T.: 0.002 min
Response: 40576959
Conc: 65.00 ng/ml



#38 AR-1262-3

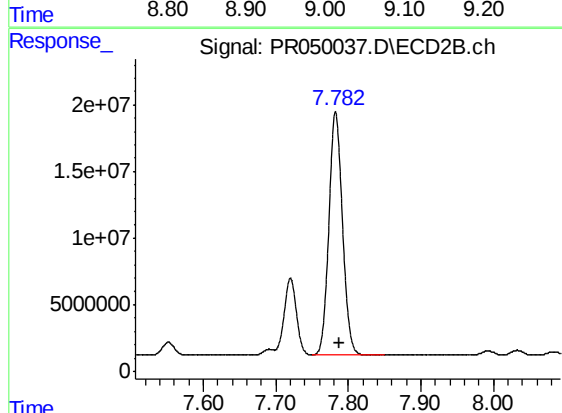
R.T.: 7.720 min
Delta R.T.: -0.004 min
Response: 68110617
Conc: 139.54 ng/ml



#39 AR-1262-4

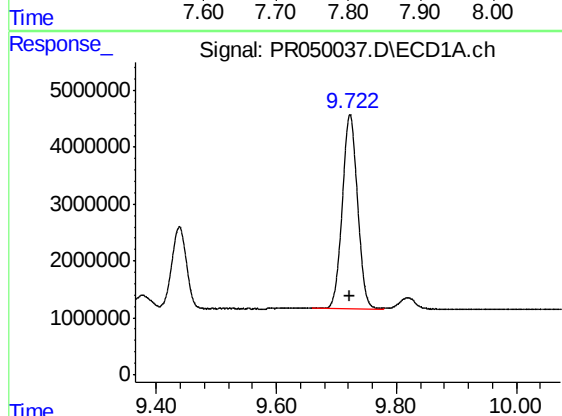
R.T.: 9.010 min
Delta R.T.: -0.017 min
Response: 81926655
Conc: 177.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603019



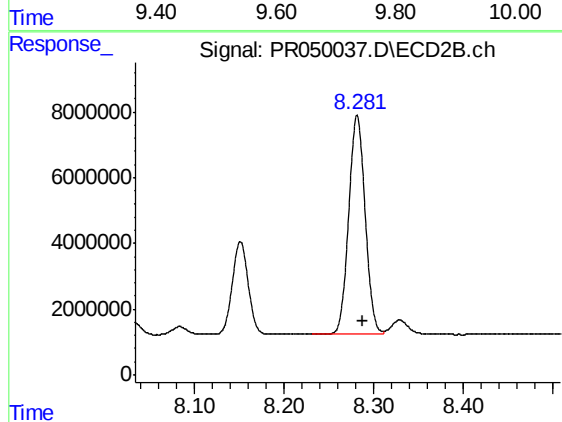
#39 AR-1262-4

R.T.: 7.782 min
Delta R.T.: -0.006 min
Response: 237565835
Conc: 247.26 ng/ml



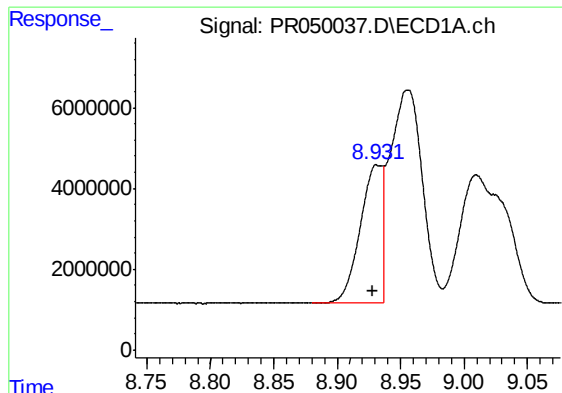
#40 AR-1262-5

R.T.: 9.723 min
Delta R.T.: 0.000 min
Response: 60022299
Conc: 178.06 ng/ml



#40 AR-1262-5

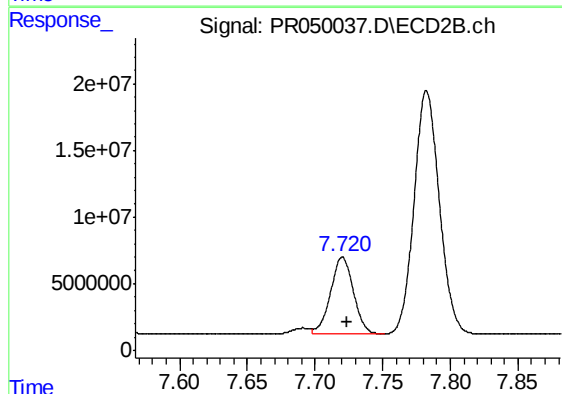
R.T.: 8.281 min
Delta R.T.: -0.005 min
Response: 84382566
Conc: 194.99 ng/ml



#41 AR-1268-1

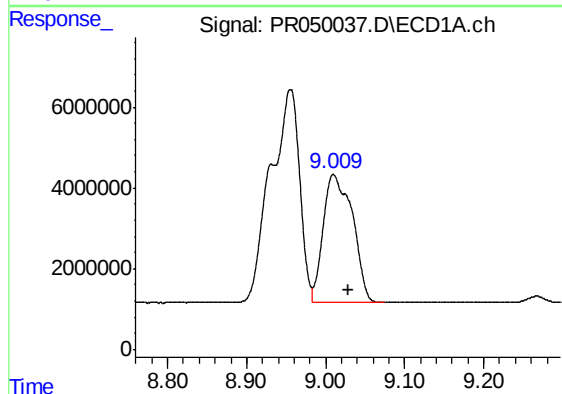
R.T.: 8.932 min
Delta R.T.: 0.004 min
Response: 40576959
Conc: 39.41 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603019



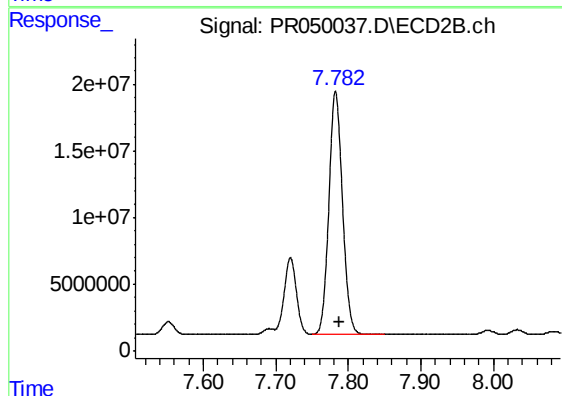
#41 AR-1268-1

R.T.: 7.720 min
Delta R.T.: -0.004 min
Response: 68110617
Conc: 49.66 ng/ml



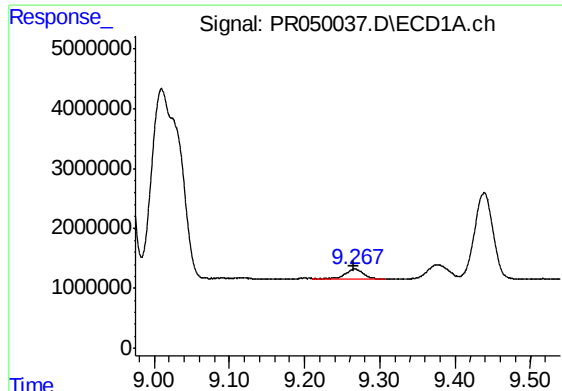
#42 AR-1268-2

R.T.: 9.010 min
Delta R.T.: -0.020 min
Response: 81926655
Conc: 87.47 ng/ml



#42 AR-1268-2

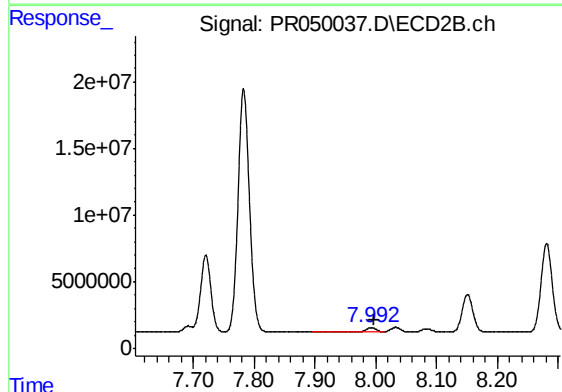
R.T.: 7.782 min
Delta R.T.: -0.006 min
Response: 237565835
Conc: 186.33 ng/ml



#43 AR-1268-3

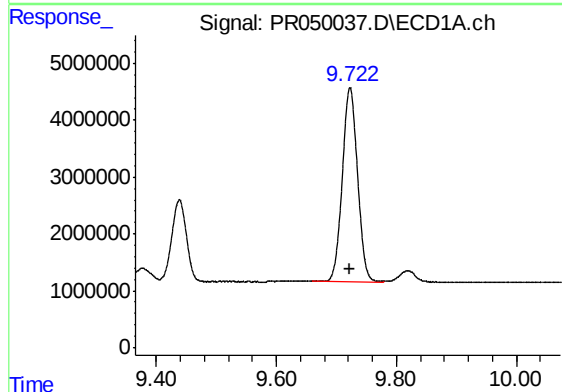
R.T.: 9.267 min
Delta R.T.: 0.002 min
Response: 2590083
Conc: 3.24 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603019



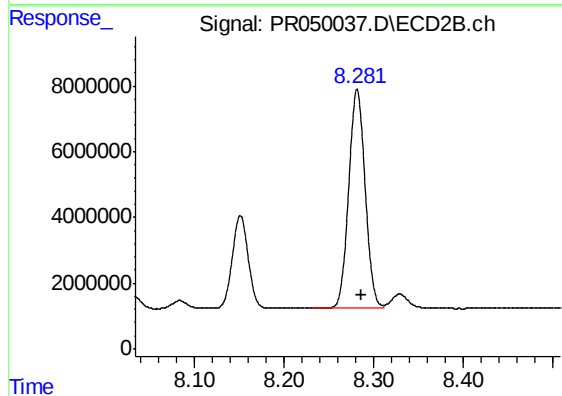
#43 AR-1268-3

R.T.: 7.992 min
Delta R.T.: -0.005 min
Response: 4319226
Conc: 4.06 ng/ml



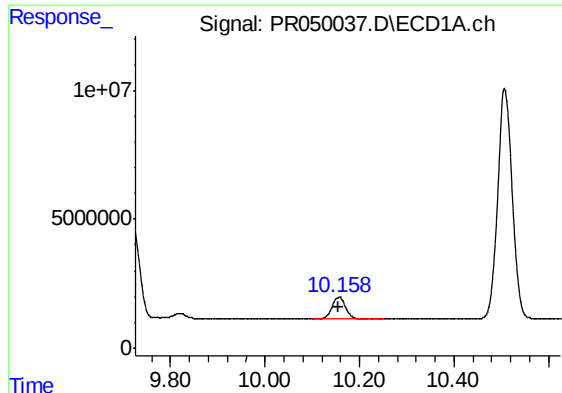
#44 AR-1268-4

R.T.: 9.723 min
Delta R.T.: 0.001 min
Response: 60022299
Conc: 171.18 ng/ml



#44 AR-1268-4

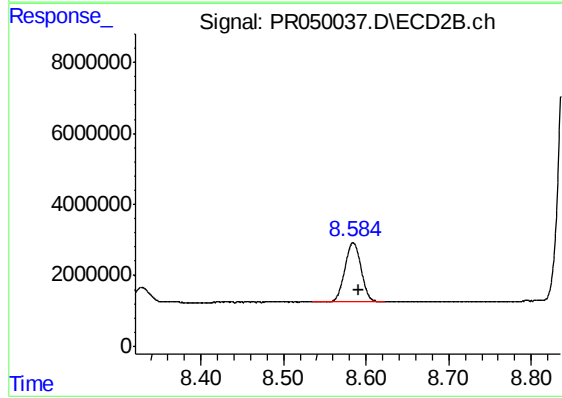
R.T.: 8.281 min
Delta R.T.: -0.005 min
Response: 84382566
Conc: 185.99 ng/ml



#45 AR-1268-5

R.T.: 10.158 min
Delta R.T.: 0.003 min
Response: 16474868
Conc: 5.99 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603019



#45 AR-1268-5

R.T.: 8.584 min
Delta R.T.: -0.006 min
Response: 22902495
Conc: 6.61 ng/ml