

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR013020\
 Data File : PR044626.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jan 2020 09:20
 Operator : AJ\MA
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1660336

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 30 13:05:20 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR012620CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jan 24 22:56:32 2020
 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...	4.696	3.954	184.4E6	362.2E6	25.578	24.332
2)	SA Decachlor...	10.586	9.032	308.8E6	550.9E6	41.679	41.160
Target Compounds							
3)	L1 AR-1016-1	5.872	5.044	137.6E6	184.2E6	493.898	454.886
4)	L1 AR-1016-2	5.894	5.064	193.5E6	259.6E6	492.228	463.548
5)	L1 AR-1016-3	5.957	5.242	114.7E6	143.2E6	490.207	483.181
6)	L1 AR-1016-4	6.057	5.281	97229839	110.2E6	497.499	471.019
7)	L1 AR-1016-5	6.350	5.498	93526002	158.9E6	483.653	477.007
8)	L2 AR-1221-1	4.900	4.163	11513339	24095495	142.304	141.969
9)	L2 AR-1221-2	4.992	4.252	14378421	31304151	255.020	259.901
10)	L2 AR-1221-3	5.070	4.328	62514977	126.7E6	323.982	322.222
11)	L3 AR-1232-1	5.070	4.328	62514977	126.7E6	432.846	427.213
12)	L3 AR-1232-2	5.604	5.064	92301640	259.6E6	1261.006	1116.591
13)	L3 AR-1232-3	5.894	5.242	193.5E6	143.2E6	1224.709	1203.509
14)	L3 AR-1232-4	6.057	5.325	97229839	137.7E6	1243.577	1322.941
15)	L3 AR-1232-5	6.144	5.498	84583292	158.9E6	1442.246	1285.999
16)	L4 AR-1242-1	5.872	5.044	137.6E6	184.2E6	647.520	598.259
17)	L4 AR-1242-2	5.894	5.064	193.5E6	259.6E6	643.124	607.849
18)	L4 AR-1242-3	5.957	5.242	114.7E6	143.2E6	637.102	643.329
19)	L4 AR-1242-4	6.057	5.325	97229839	137.7E6	645.856	638.892
20)	L4 AR-1242-5	6.794	5.850	14985750	130.7E6	85.552	357.103 #
21)	L5 AR-1248-1	5.872	5.044	137.6E6	184.2E6	828.618	747.561
22)	L5 AR-1248-2	6.144	5.281	84583292	110.2E6	378.220	368.015
23)	L5 AR-1248-3	6.350	5.325	93526002	137.7E6	372.940	441.595
24)	L5 AR-1248-4	6.753	5.498	16848889	158.9E6	55.198	384.896 #
25)	L5 AR-1248-5	6.794	5.891	14985750	24126169	51.960	49.007
26)	L6 AR-1254-1	6.727	5.850	66808055	130.7E6	219.897	177.027
27)	L6 AR-1254-2	6.942	5.996	71816059	123.4E6	153.739	182.286
28)	L6 AR-1254-3	7.313	6.416	41225283	309.1E6	81.512	275.099 #
29)	L6 AR-1254-4	7.598	6.630	29896415	42832815	75.725	50.466 #
30)	L6 AR-1254-5	8.016	7.047	244.4E6	481.2E6	566.954	449.980
31)	L7 AR-1260-1	7.474	6.531	170.0E6	337.8E6	467.323	453.425
32)	L7 AR-1260-2	7.730	6.719	208.0E6	503.8E6	458.635	445.511
33)	L7 AR-1260-3	8.090	6.874	158.1E6	410.9E6	446.595	450.411
34)	L7 AR-1260-4	8.328	7.345	183.5E6	358.5E6	452.171	436.034
35)	L7 AR-1260-5	8.663	7.586	391.9E6	1068.4E6	445.896	432.782
36)	L8 AR-1262-1	8.149	7.047	81640641	481.2E6	391.545	808.877 #
37)	L8 AR-1262-2	8.663	7.586	391.9E6	1068.4E6	388.052	393.015
38)	L8 AR-1262-3	9.013	7.869	241.1E6	233.5E6	358.416	212.300 #
39)	L8 AR-1262-4	9.070	7.934	155.6E6	680.7E6	302.533	377.088
40)	L8 AR-1262-5	9.787	8.447	113.5E6	244.8E6	303.374	294.246
41)	L9 AR-1268-1	9.013	7.869	241.1E6	233.5E6	212.101	78.871 #
42)	L9 AR-1268-2	9.070	7.934	155.6E6	680.7E6	144.651	270.014 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR013020\
 Data File : PR044626.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jan 2020 09:20
 Operator : AJ\MA
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

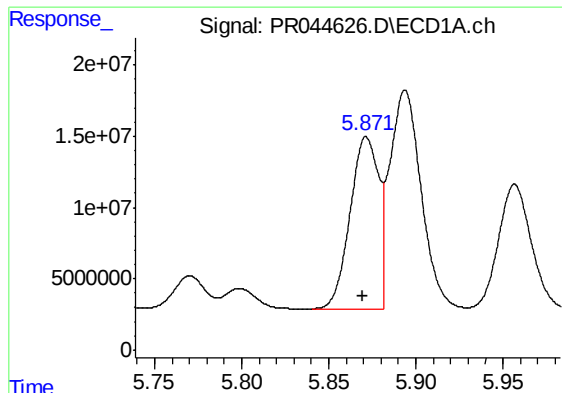
Instrument :
 ECD_R
 ClientSampleId :
 AR1660336

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 30 13:05:20 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR012620CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jan 24 22:56:32 2020
 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
43) L9	AR-1268-3	9.332	8.143	5752414	12642388	6.358	5.951
44) L9	AR-1268-4	9.787	8.447	113.5E6	244.8E6	283.320	277.768
45) L9	AR-1268-5	10.228	8.759	31915550	58361429	10.052	9.503

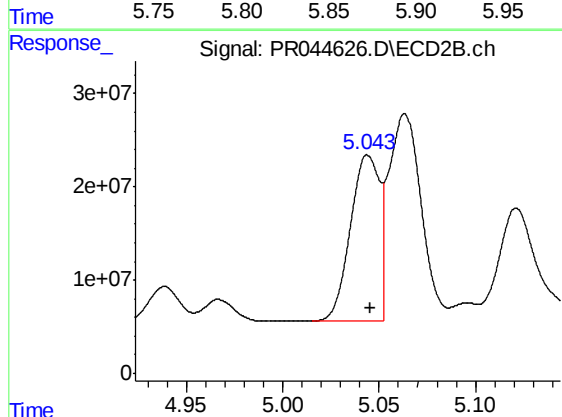
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

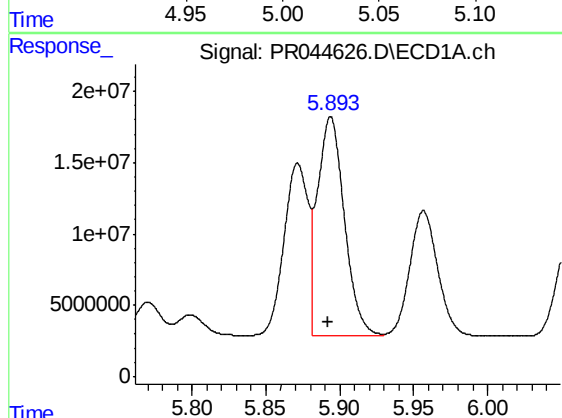
R.T.: 5.872 min
Delta R.T.: 0.002 min
Response: 137629680
Conc: 493.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660336



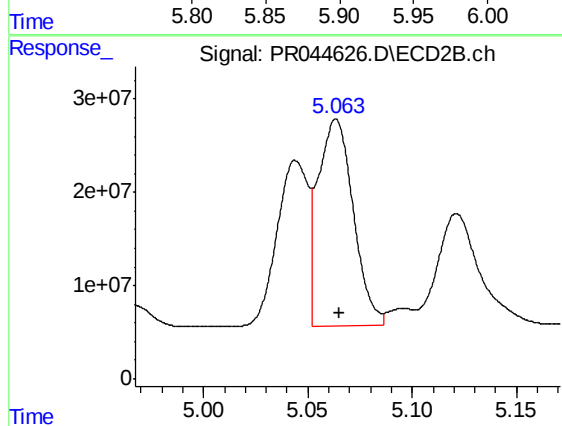
#3 AR-1016-1

R.T.: 5.044 min
Delta R.T.: -0.001 min
Response: 184230579
Conc: 454.89 ng/ml



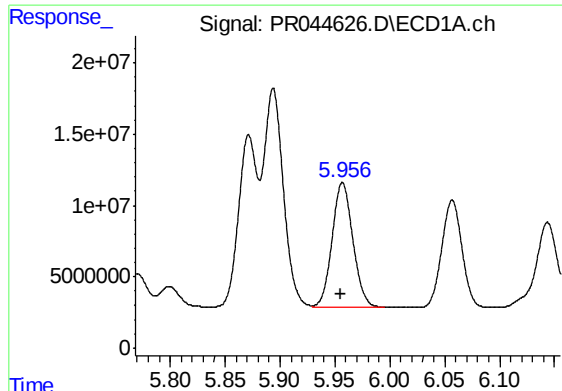
#4 AR-1016-2

R.T.: 5.894 min
Delta R.T.: 0.002 min
Response: 193499049
Conc: 492.23 ng/ml



#4 AR-1016-2

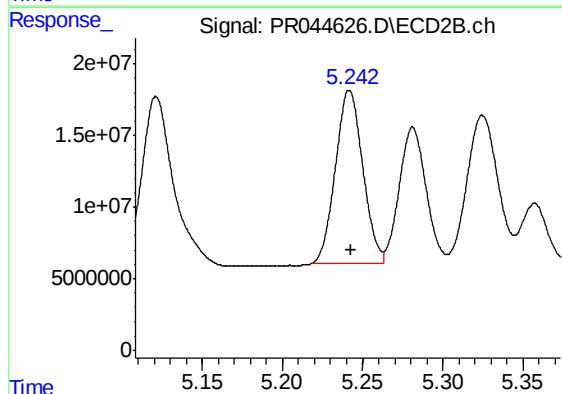
R.T.: 5.064 min
Delta R.T.: -0.002 min
Response: 259601326
Conc: 463.55 ng/ml



#5 AR-1016-3

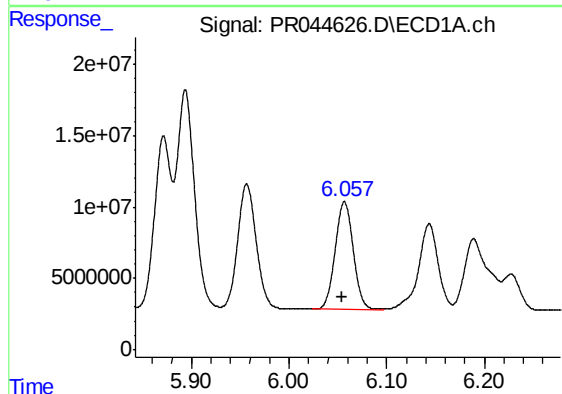
R.T.: 5.957 min
Delta R.T.: 0.002 min
Response: 114670953
Conc: 490.21 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660336



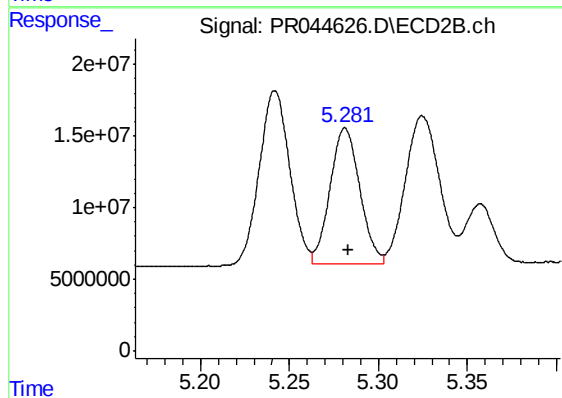
#5 AR-1016-3

R.T.: 5.242 min
Delta R.T.: -0.001 min
Response: 143215582
Conc: 483.18 ng/ml



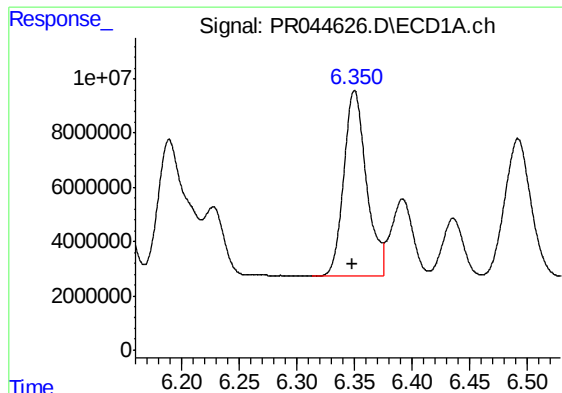
#6 AR-1016-4

R.T.: 6.057 min
Delta R.T.: 0.002 min
Response: 97229839
Conc: 497.50 ng/ml



#6 AR-1016-4

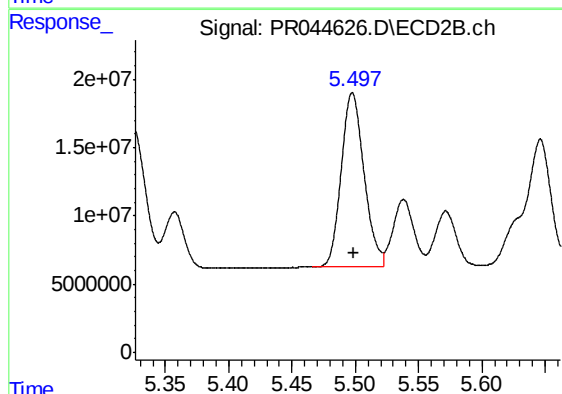
R.T.: 5.281 min
Delta R.T.: -0.002 min
Response: 110192585
Conc: 471.02 ng/ml



#7 AR-1016-5

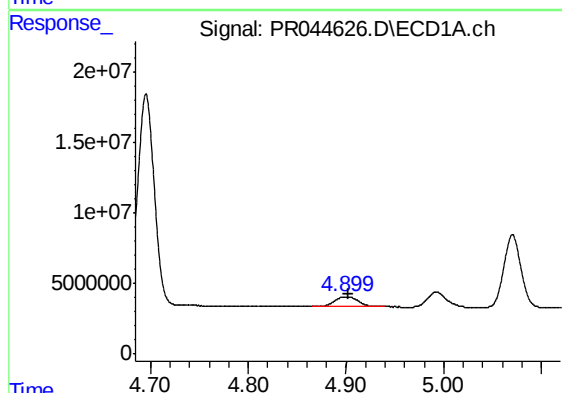
R.T.: 6.350 min
Delta R.T.: 0.002 min
Response: 93526002
Conc: 483.65 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660336



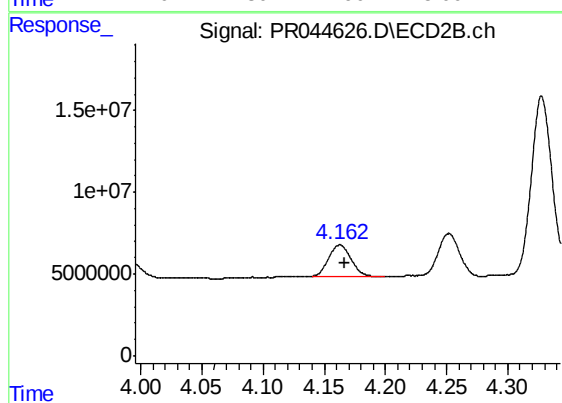
#7 AR-1016-5

R.T.: 5.498 min
Delta R.T.: -0.001 min
Response: 158911394
Conc: 477.01 ng/ml



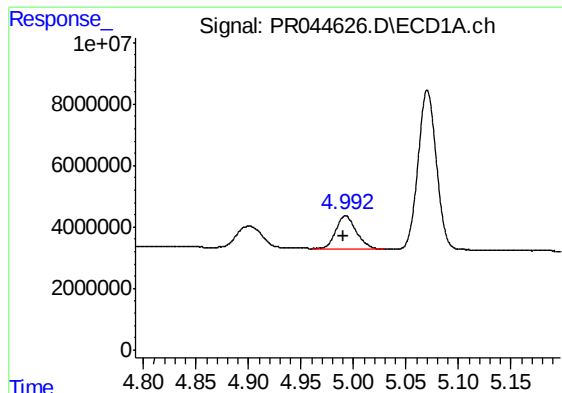
#8 AR-1221-1

R.T.: 4.900 min
Delta R.T.: -0.002 min
Response: 11513339
Conc: 142.30 ng/ml



#8 AR-1221-1

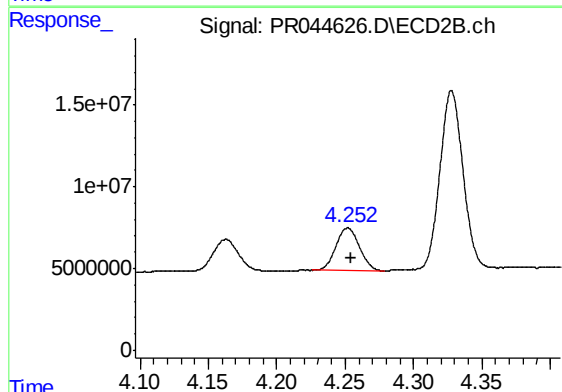
R.T.: 4.163 min
Delta R.T.: -0.003 min
Response: 24095495
Conc: 141.97 ng/ml



#9 AR-1221-2

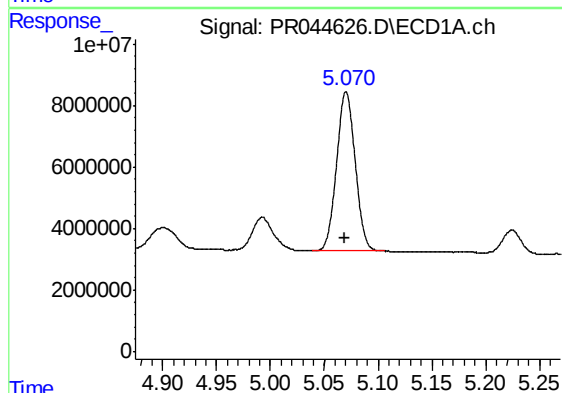
R.T.: 4.992 min
Delta R.T.: 0.002 min
Response: 14378421
Conc: 255.02 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660336



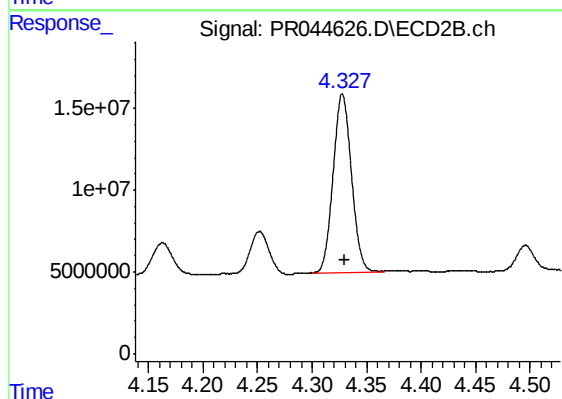
#9 AR-1221-2

R.T.: 4.252 min
Delta R.T.: -0.002 min
Response: 31304151
Conc: 259.90 ng/ml



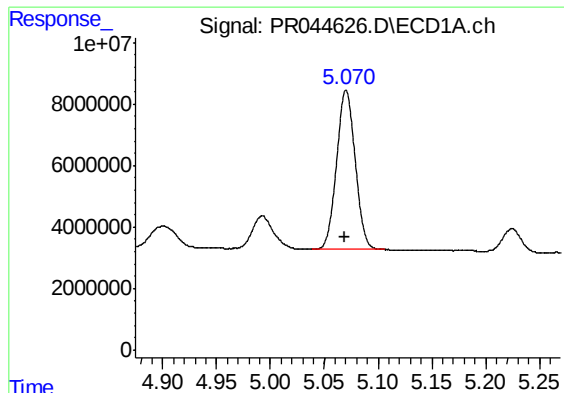
#10 AR-1221-3

R.T.: 5.070 min
Delta R.T.: 0.001 min
Response: 62514977
Conc: 323.98 ng/ml



#10 AR-1221-3

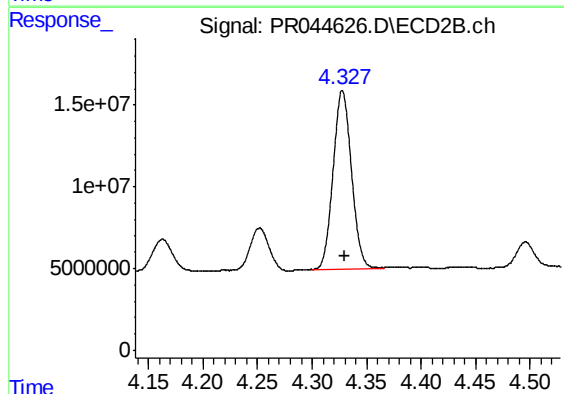
R.T.: 4.328 min
Delta R.T.: -0.003 min
Response: 126700203
Conc: 322.22 ng/ml



#11 AR-1232-1

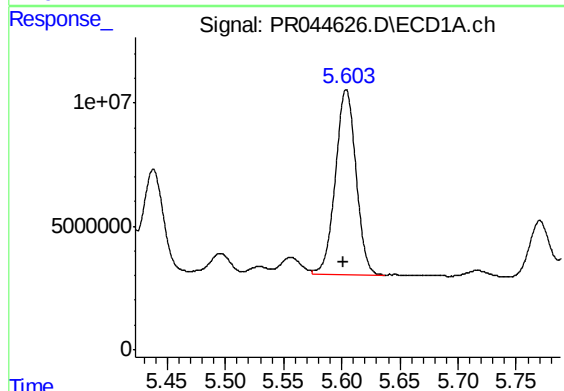
R.T.: 5.070 min
Delta R.T.: 0.002 min
Response: 62514977
Conc: 432.85 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660336



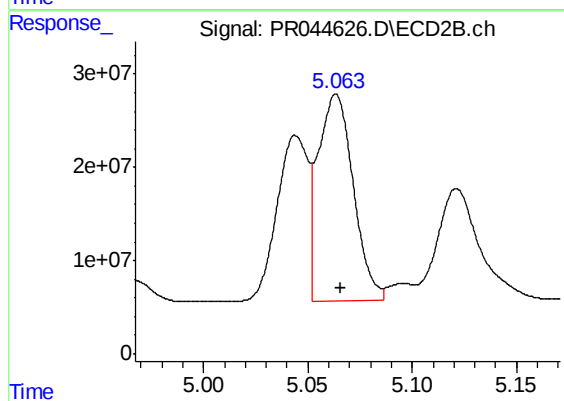
#11 AR-1232-1

R.T.: 4.328 min
Delta R.T.: -0.003 min
Response: 126700203
Conc: 427.21 ng/ml



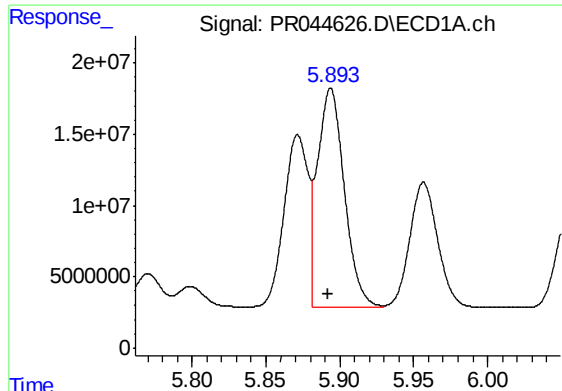
#12 AR-1232-2

R.T.: 5.604 min
Delta R.T.: 0.002 min
Response: 92301640
Conc: 1261.01 ng/ml



#12 AR-1232-2

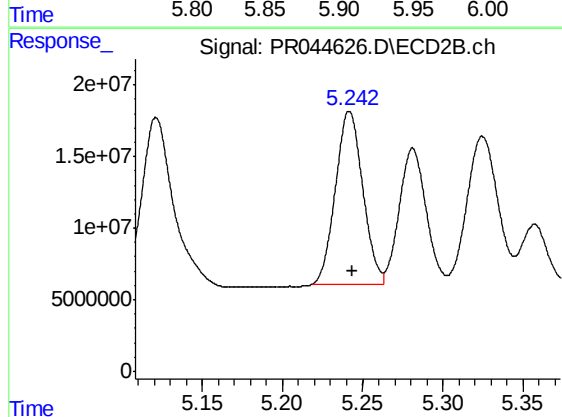
R.T.: 5.064 min
Delta R.T.: -0.002 min
Response: 259601326
Conc: 1116.59 ng/ml



#13 AR-1232-3

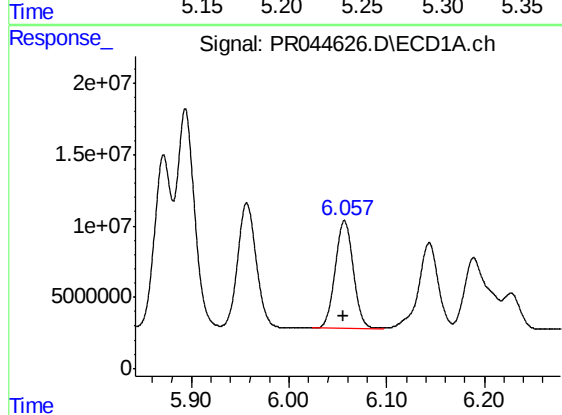
R.T.: 5.894 min
Delta R.T.: 0.002 min
Response: 193499049
Conc: 1224.71 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660336



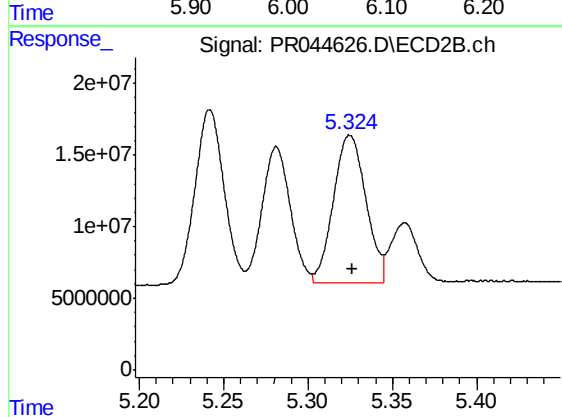
#13 AR-1232-3

R.T.: 5.242 min
Delta R.T.: -0.001 min
Response: 143215582
Conc: 1203.51 ng/ml



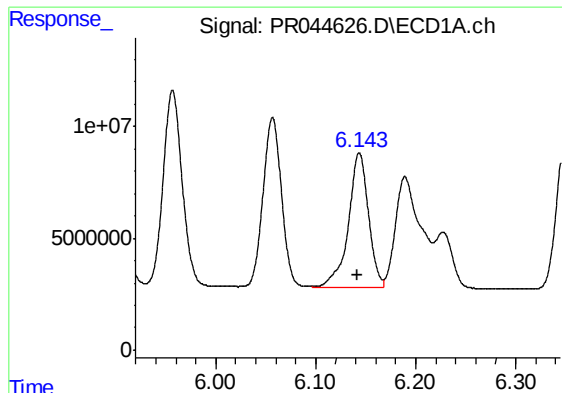
#14 AR-1232-4

R.T.: 6.057 min
Delta R.T.: 0.002 min
Response: 97229839
Conc: 1243.58 ng/ml



#14 AR-1232-4

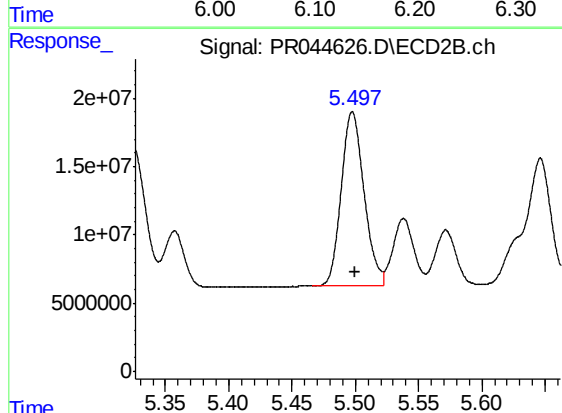
R.T.: 5.325 min
Delta R.T.: -0.001 min
Response: 137656503
Conc: 1322.94 ng/ml



#15 AR-1232-5

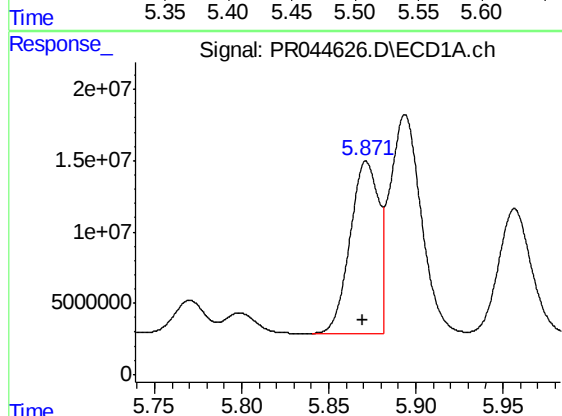
R.T.: 6.144 min
Delta R.T.: 0.002 min
Response: 84583292
Conc: 1442.25 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660336



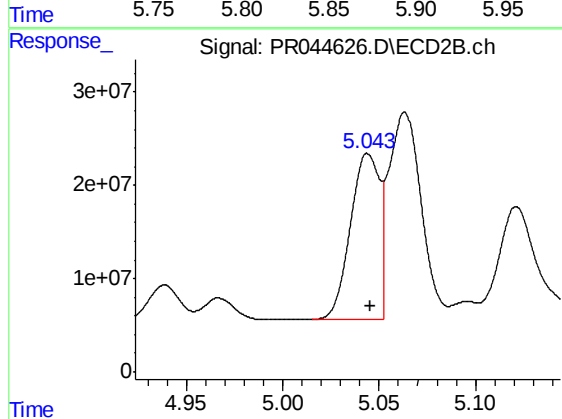
#15 AR-1232-5

R.T.: 5.498 min
Delta R.T.: -0.002 min
Response: 158911394
Conc: 1286.00 ng/ml



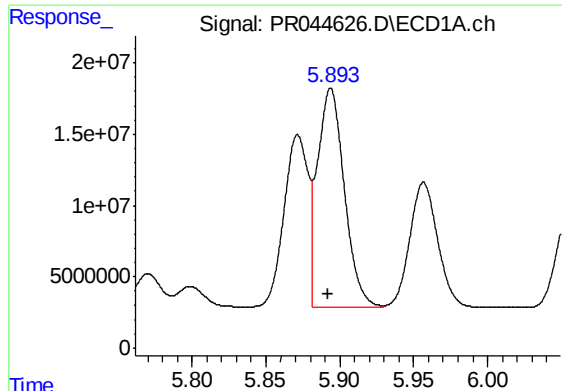
#16 AR-1242-1

R.T.: 5.872 min
Delta R.T.: 0.002 min
Response: 137629680
Conc: 647.52 ng/ml



#16 AR-1242-1

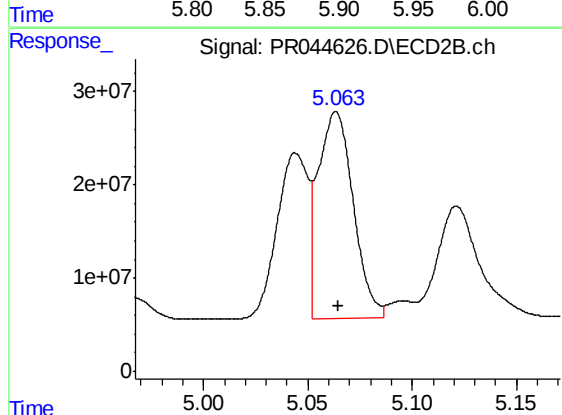
R.T.: 5.044 min
Delta R.T.: -0.002 min
Response: 184230579
Conc: 598.26 ng/ml



#17 AR-1242-2

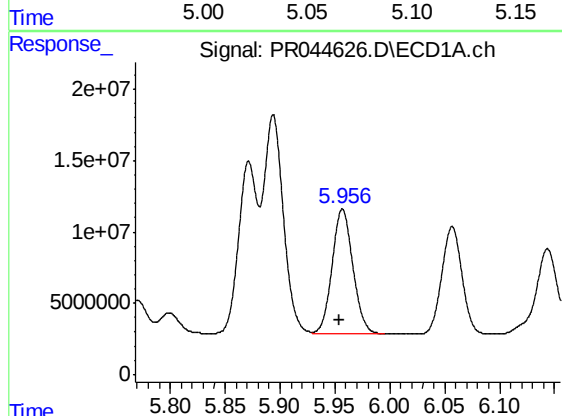
R.T.: 5.894 min
Delta R.T.: 0.002 min
Response: 193499049
Conc: 643.12 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660336



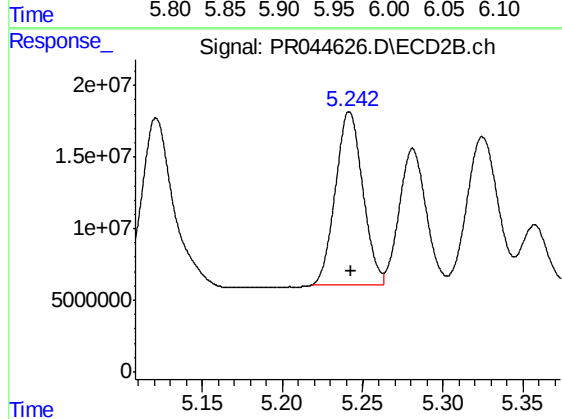
#17 AR-1242-2

R.T.: 5.064 min
Delta R.T.: -0.001 min
Response: 259601326
Conc: 607.85 ng/ml



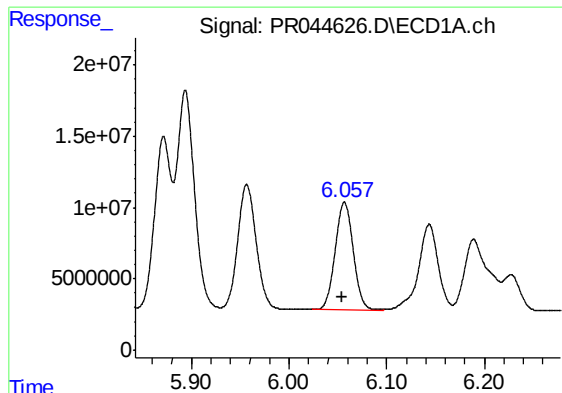
#18 AR-1242-3

R.T.: 5.957 min
Delta R.T.: 0.003 min
Response: 114670953
Conc: 637.10 ng/ml



#18 AR-1242-3

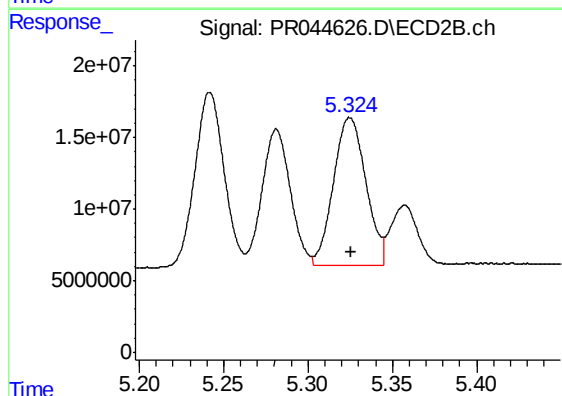
R.T.: 5.242 min
Delta R.T.: -0.001 min
Response: 143215582
Conc: 643.33 ng/ml



#19 AR-1242-4

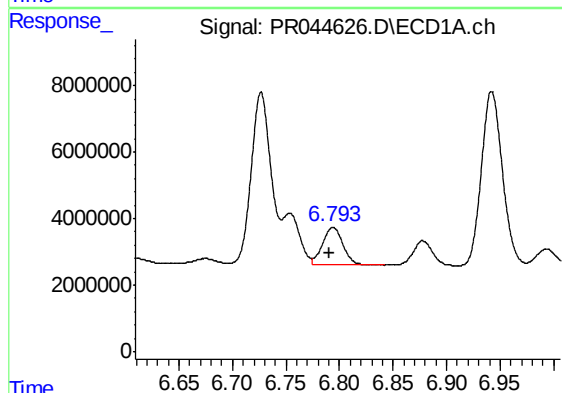
R.T.: 6.057 min
Delta R.T.: 0.002 min
Response: 97229839
Conc: 645.86 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660336



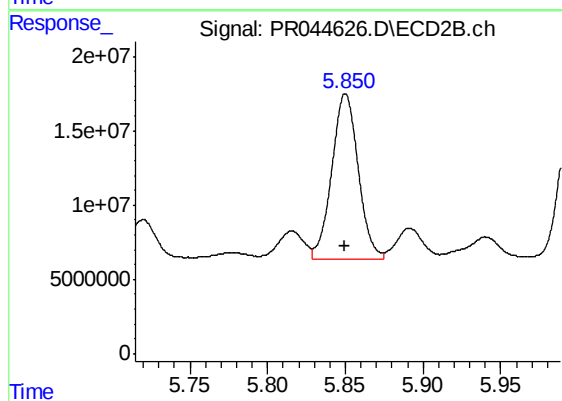
#19 AR-1242-4

R.T.: 5.325 min
Delta R.T.: 0.000 min
Response: 137656503
Conc: 638.89 ng/ml



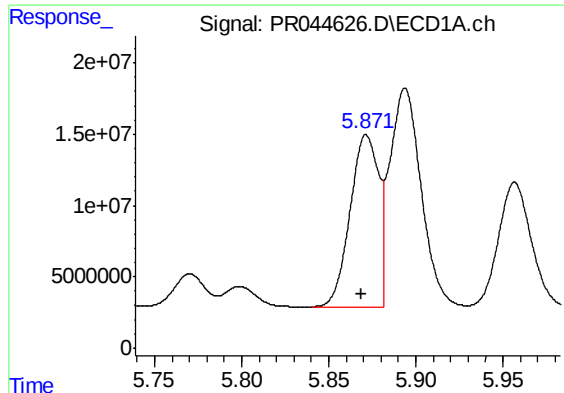
#20 AR-1242-5

R.T.: 6.794 min
Delta R.T.: 0.004 min
Response: 14985750
Conc: 85.55 ng/ml



#20 AR-1242-5

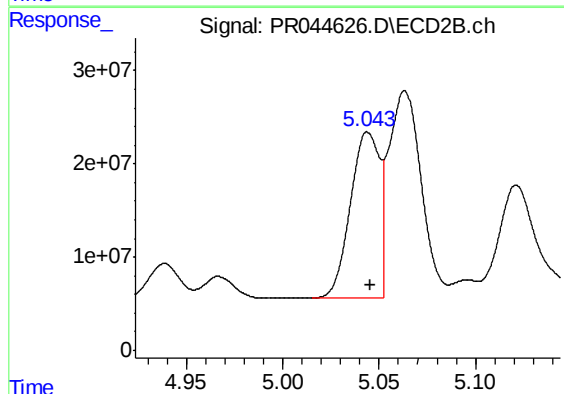
R.T.: 5.850 min
Delta R.T.: 0.000 min
Response: 130707017
Conc: 357.10 ng/ml



#21 AR-1248-1

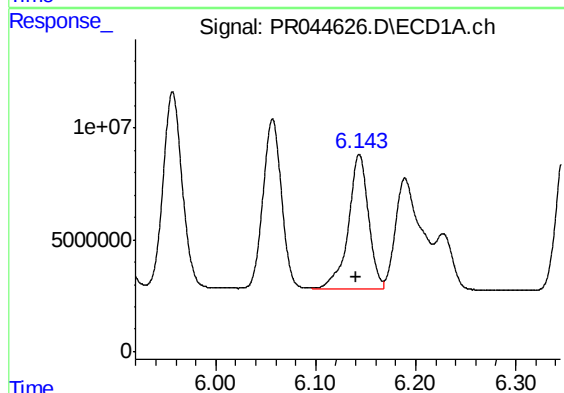
R.T.: 5.872 min
Delta R.T.: 0.002 min
Response: 137629680
Conc: 828.62 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660336



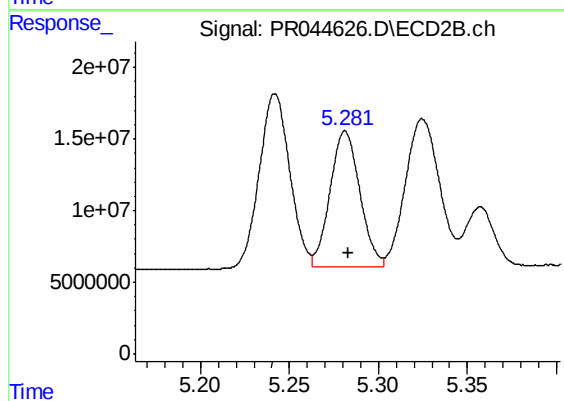
#21 AR-1248-1

R.T.: 5.044 min
Delta R.T.: -0.001 min
Response: 184230579
Conc: 747.56 ng/ml



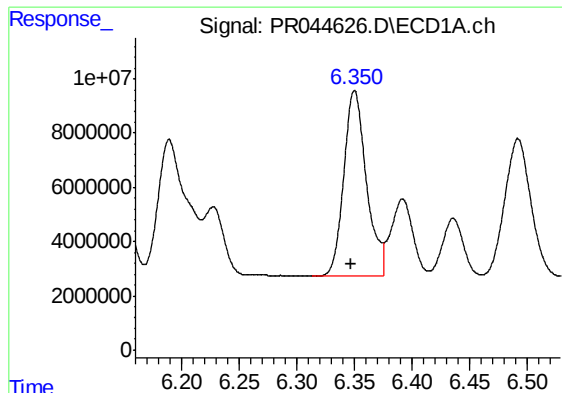
#22 AR-1248-2

R.T.: 6.144 min
Delta R.T.: 0.003 min
Response: 84583292
Conc: 378.22 ng/ml



#22 AR-1248-2

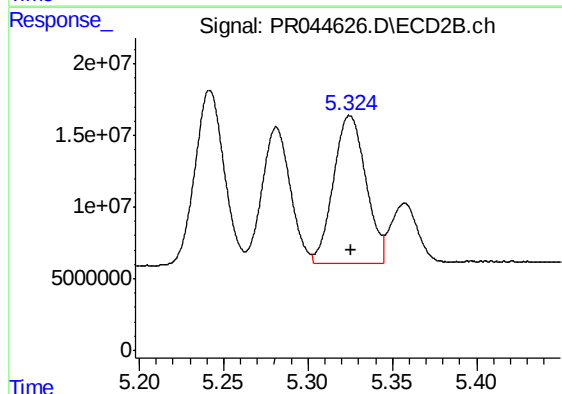
R.T.: 5.281 min
Delta R.T.: -0.002 min
Response: 110192585
Conc: 368.02 ng/ml



#23 AR-1248-3

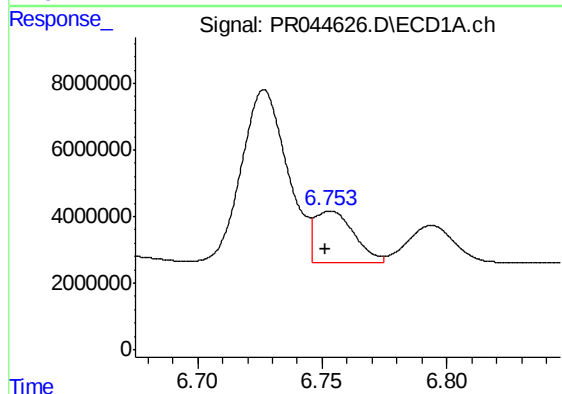
R.T.: 6.350 min
Delta R.T.: 0.002 min
Response: 93526002
Conc: 372.94 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660336



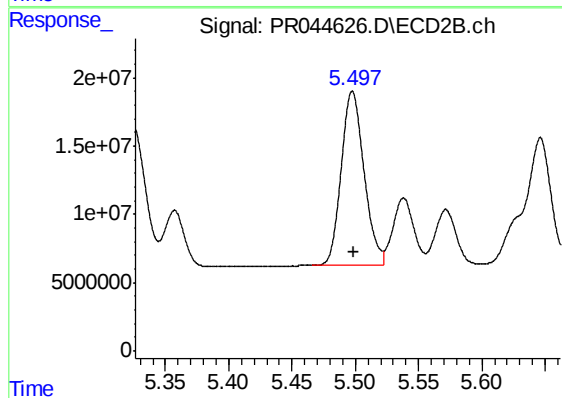
#23 AR-1248-3

R.T.: 5.325 min
Delta R.T.: 0.000 min
Response: 137656503
Conc: 441.59 ng/ml



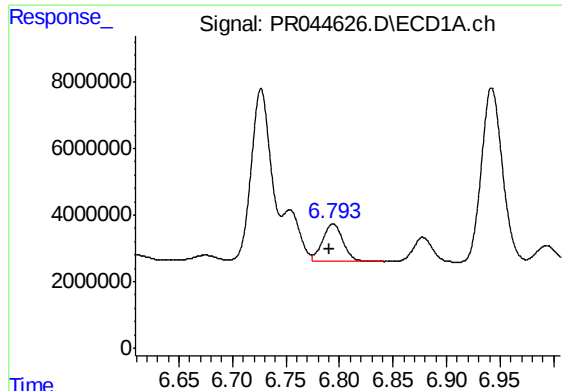
#24 AR-1248-4

R.T.: 6.753 min
Delta R.T.: 0.002 min
Response: 16848889
Conc: 55.20 ng/ml



#24 AR-1248-4

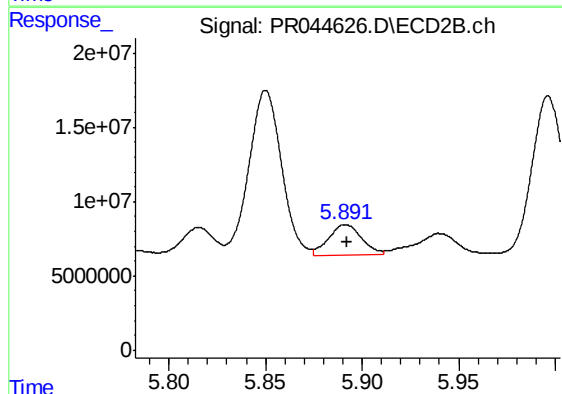
R.T.: 5.498 min
Delta R.T.: -0.001 min
Response: 158911394
Conc: 384.90 ng/ml



#25 AR-1248-5

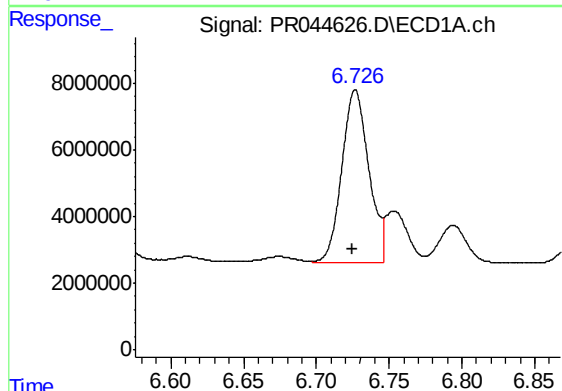
R.T.: 6.794 min
Delta R.T.: 0.004 min
Response: 14985750
Conc: 51.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660336



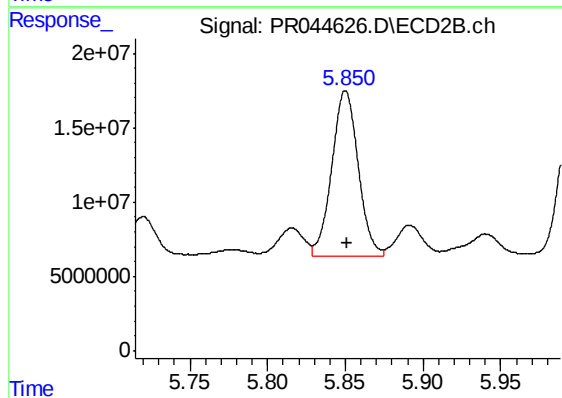
#25 AR-1248-5

R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 24126169
Conc: 49.01 ng/ml



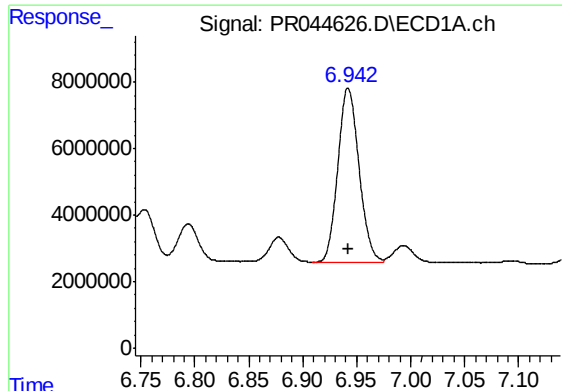
#26 AR-1254-1

R.T.: 6.727 min
Delta R.T.: 0.002 min
Response: 66808055
Conc: 219.90 ng/ml



#26 AR-1254-1

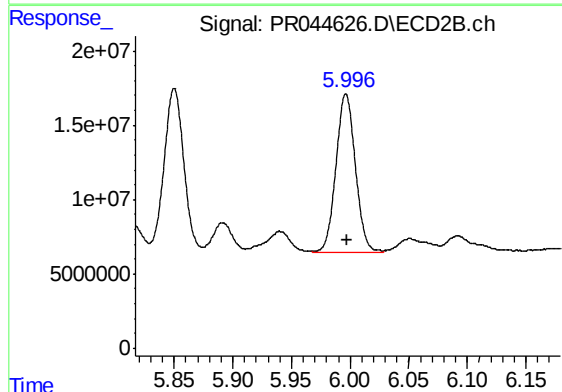
R.T.: 5.850 min
Delta R.T.: 0.000 min
Response: 130707017
Conc: 177.03 ng/ml



#27 AR-1254-2

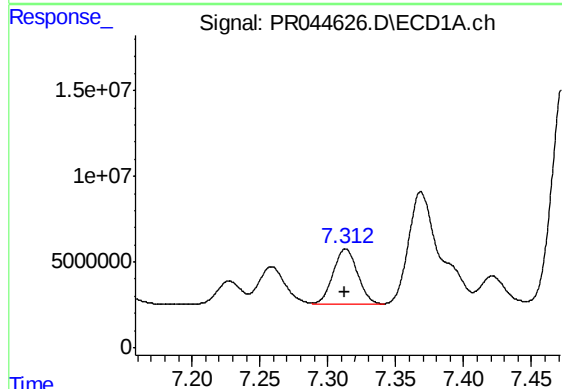
R.T.: 6.942 min
Delta R.T.: 0.000 min
Response: 71816059
Conc: 153.74 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660336



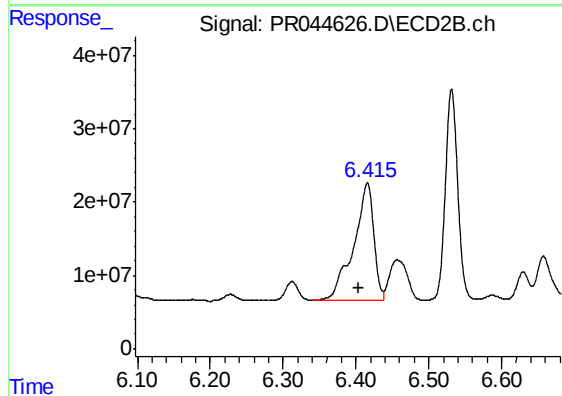
#27 AR-1254-2

R.T.: 5.996 min
Delta R.T.: -0.001 min
Response: 123403989
Conc: 182.29 ng/ml



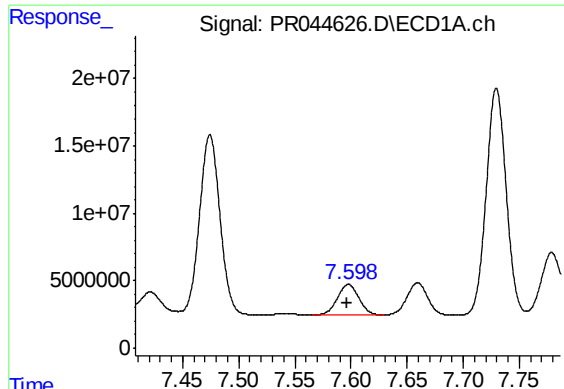
#28 AR-1254-3

R.T.: 7.313 min
Delta R.T.: 0.000 min
Response: 41225283
Conc: 81.51 ng/ml



#28 AR-1254-3

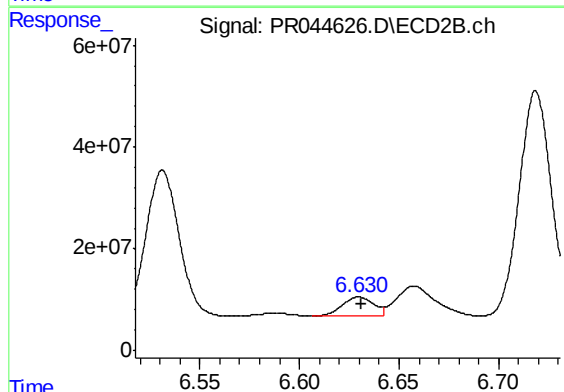
R.T.: 6.416 min
Delta R.T.: 0.012 min
Response: 309054960
Conc: 275.10 ng/ml



#29 AR-1254-4

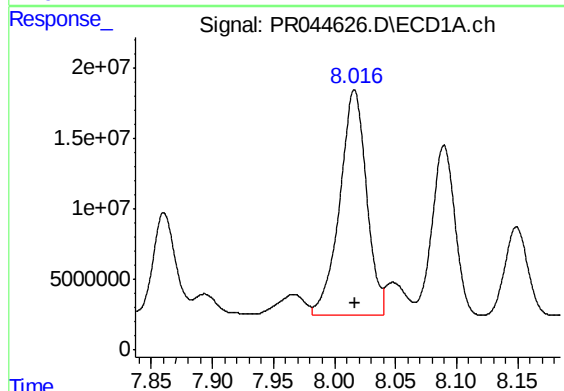
R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 29896415
Conc: 75.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660336



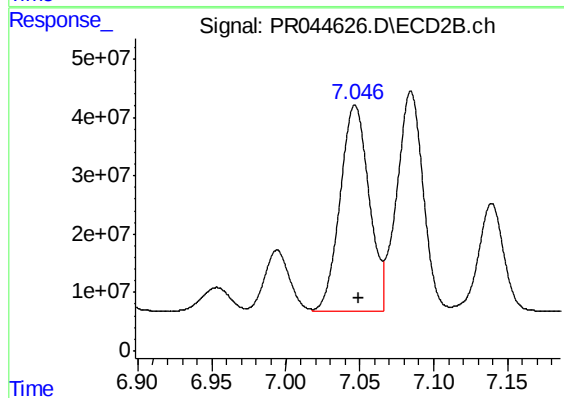
#29 AR-1254-4

R.T.: 6.630 min
Delta R.T.: -0.002 min
Response: 42832815
Conc: 50.47 ng/ml



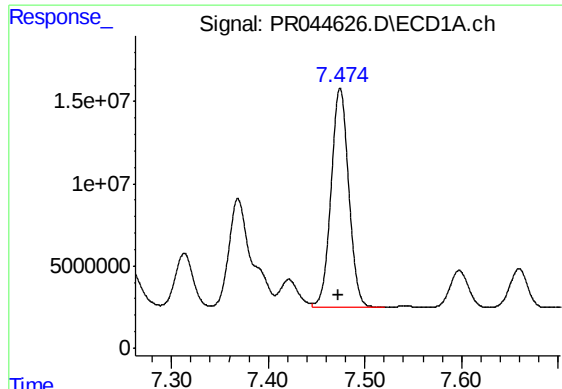
#30 AR-1254-5

R.T.: 8.016 min
Delta R.T.: 0.000 min
Response: 244425222
Conc: 566.95 ng/ml



#30 AR-1254-5

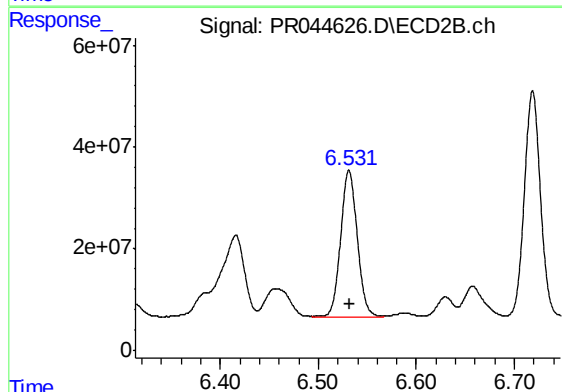
R.T.: 7.047 min
Delta R.T.: -0.003 min
Response: 481153874
Conc: 449.98 ng/ml



#31 AR-1260-1

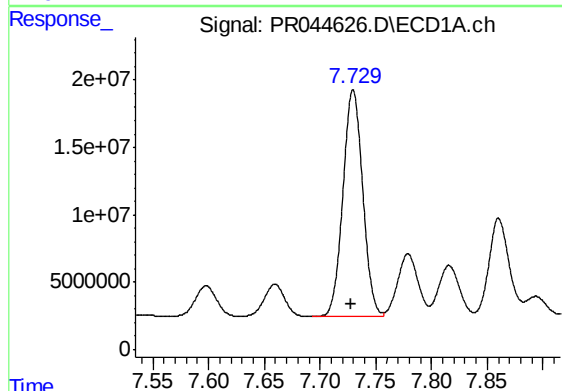
R.T.: 7.474 min
Delta R.T.: 0.002 min
Response: 169963258
Conc: 467.32 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660336



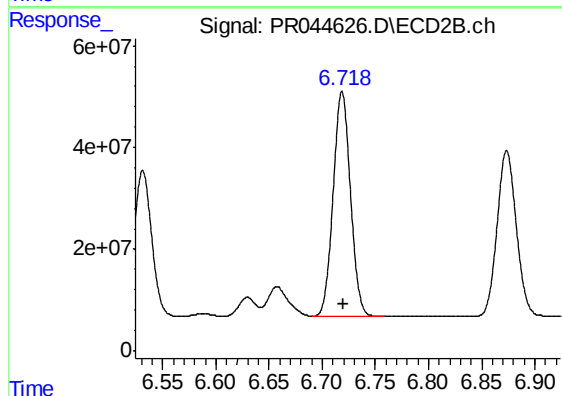
#31 AR-1260-1

R.T.: 6.531 min
Delta R.T.: 0.000 min
Response: 337837282
Conc: 453.42 ng/ml



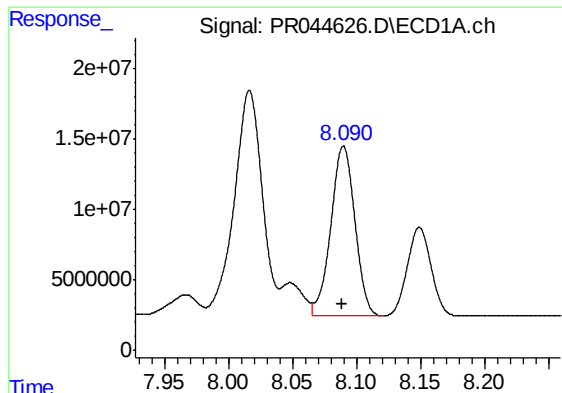
#32 AR-1260-2

R.T.: 7.730 min
Delta R.T.: 0.002 min
Response: 208015735
Conc: 458.63 ng/ml



#32 AR-1260-2

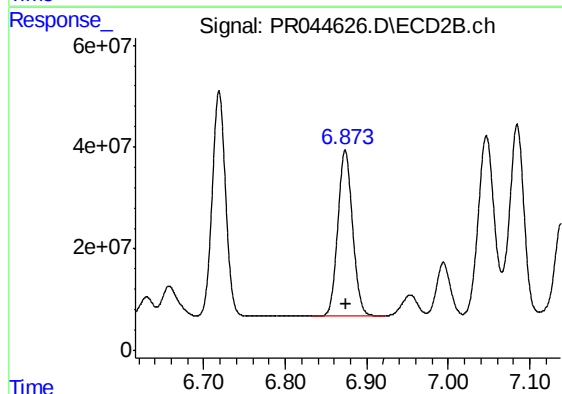
R.T.: 6.719 min
Delta R.T.: 0.000 min
Response: 503815424
Conc: 445.51 ng/ml



#33 AR-1260-3

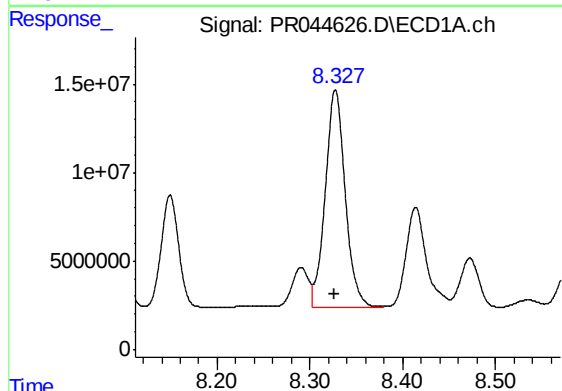
R.T.: 8.090 min
Delta R.T.: 0.001 min
Response: 158121735
Conc: 446.59 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660336



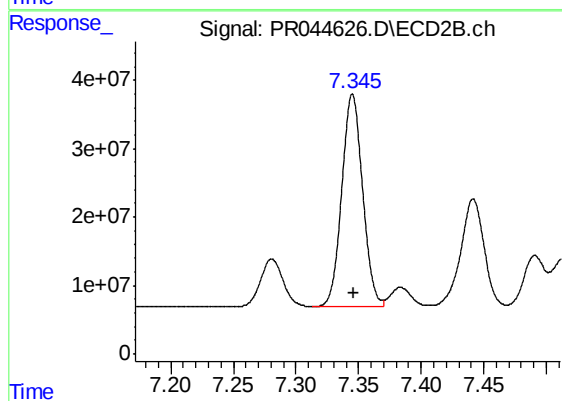
#33 AR-1260-3

R.T.: 6.874 min
Delta R.T.: 0.000 min
Response: 410852713
Conc: 450.41 ng/ml



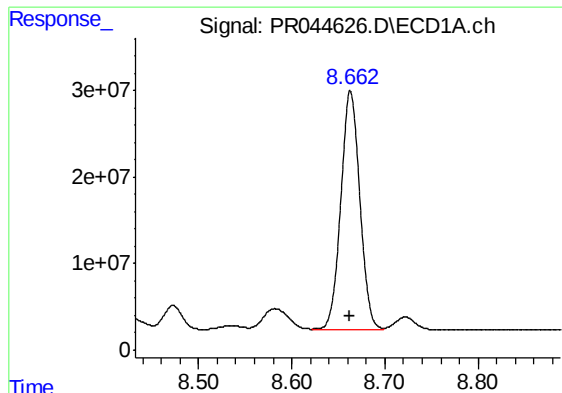
#34 AR-1260-4

R.T.: 8.328 min
Delta R.T.: 0.002 min
Response: 183530711
Conc: 452.17 ng/ml



#34 AR-1260-4

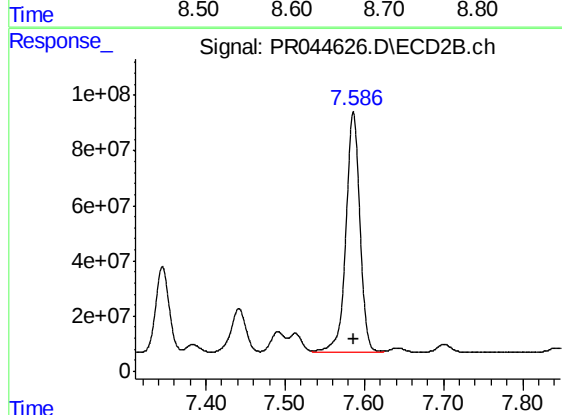
R.T.: 7.345 min
Delta R.T.: 0.000 min
Response: 358496272
Conc: 436.03 ng/ml



#35 AR-1260-5

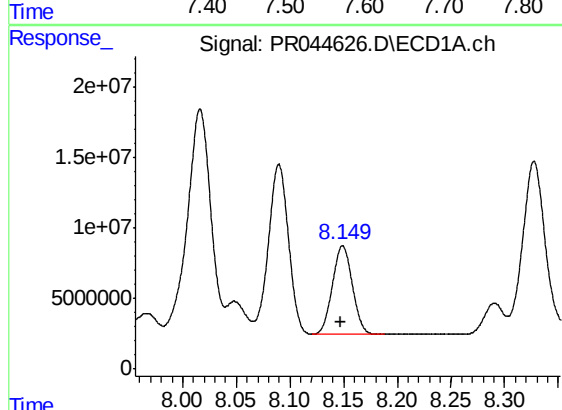
R.T.: 8.663 min
Delta R.T.: 0.000 min
Response: 391888331
Conc: 445.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660336



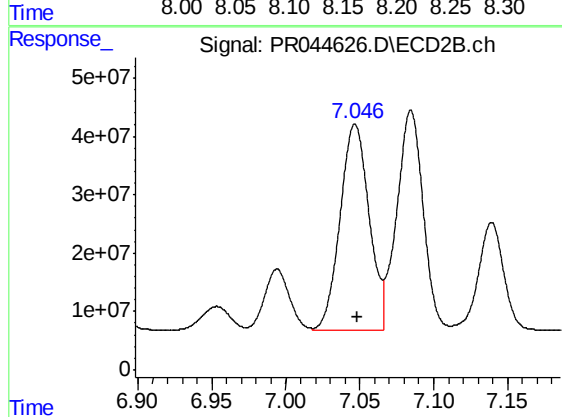
#35 AR-1260-5

R.T.: 7.586 min
Delta R.T.: 0.000 min
Response: 1068378237
Conc: 432.78 ng/ml



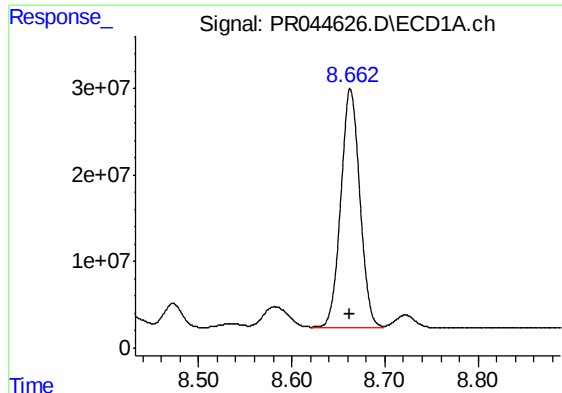
#36 AR-1262-1

R.T.: 8.149 min
Delta R.T.: 0.001 min
Response: 81640641
Conc: 391.54 ng/ml



#36 AR-1262-1

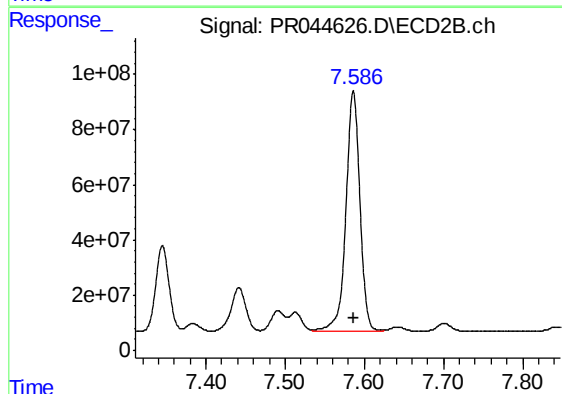
R.T.: 7.047 min
Delta R.T.: -0.001 min
Response: 481153874
Conc: 808.88 ng/ml



#37 AR-1262-2

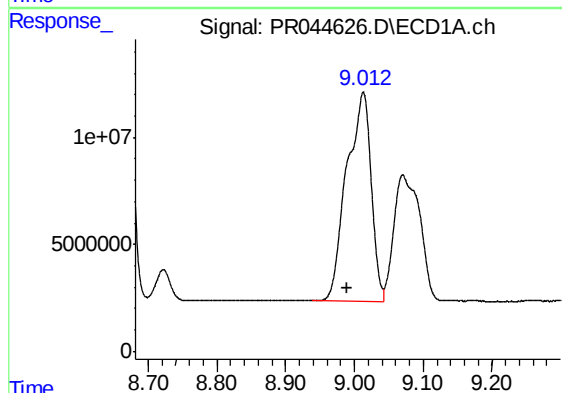
R.T.: 8.663 min
Delta R.T.: 0.000 min
Response: 391888331
Conc: 388.05 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660336



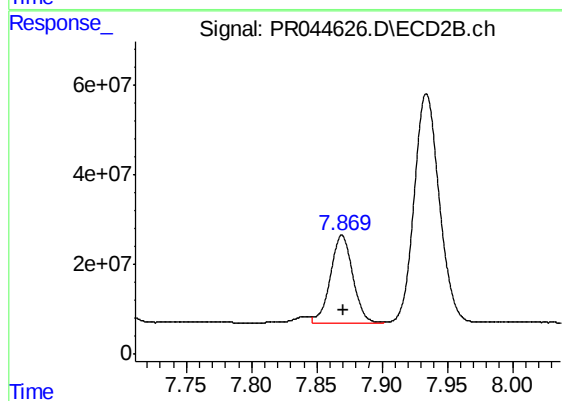
#37 AR-1262-2

R.T.: 7.586 min
Delta R.T.: -0.001 min
Response: 1068378237
Conc: 393.01 ng/ml



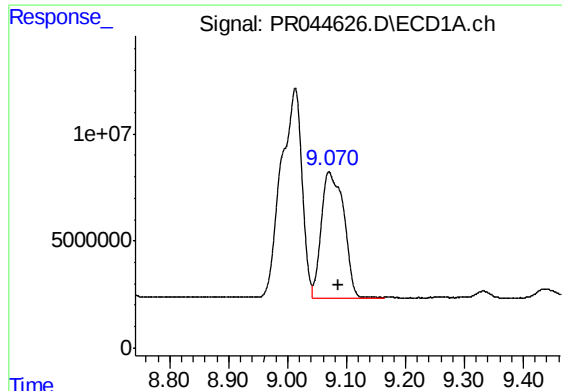
#38 AR-1262-3

R.T.: 9.013 min
Delta R.T.: 0.023 min
Response: 241059596
Conc: 358.42 ng/ml



#38 AR-1262-3

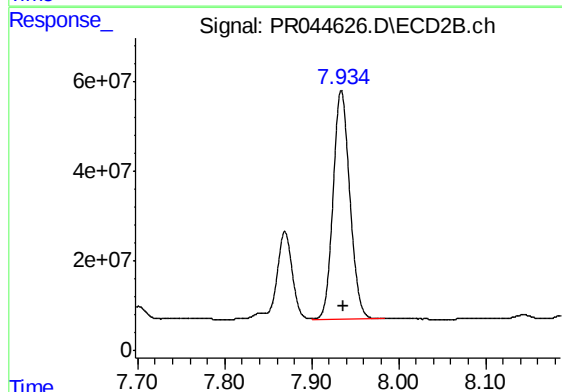
R.T.: 7.869 min
Delta R.T.: -0.002 min
Response: 233454313
Conc: 212.30 ng/ml



#39 AR-1262-4

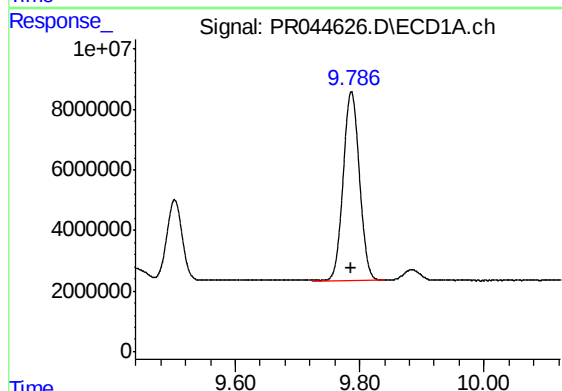
R.T.: 9.070 min
Delta R.T.: -0.017 min
Response: 155649355
Conc: 302.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660336



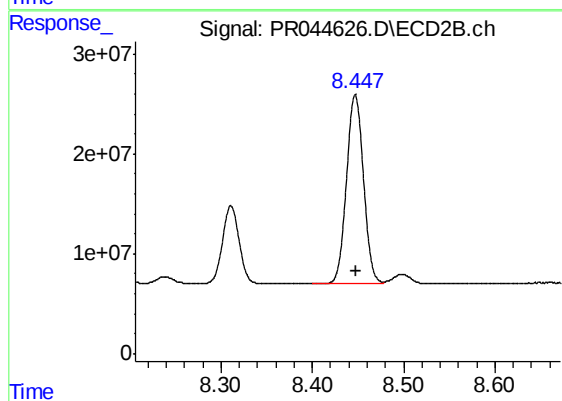
#39 AR-1262-4

R.T.: 7.934 min
Delta R.T.: -0.002 min
Response: 680704464
Conc: 377.09 ng/ml



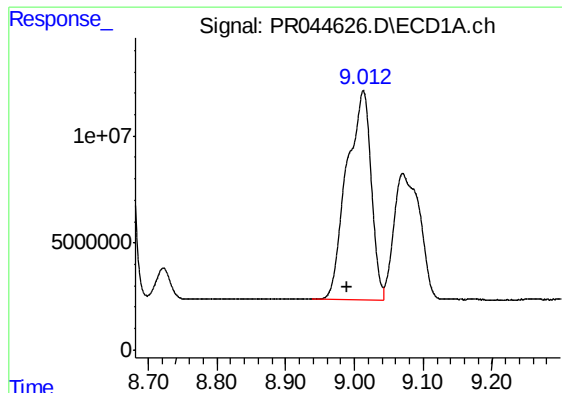
#40 AR-1262-5

R.T.: 9.787 min
Delta R.T.: 0.000 min
Response: 113524227
Conc: 303.37 ng/ml



#40 AR-1262-5

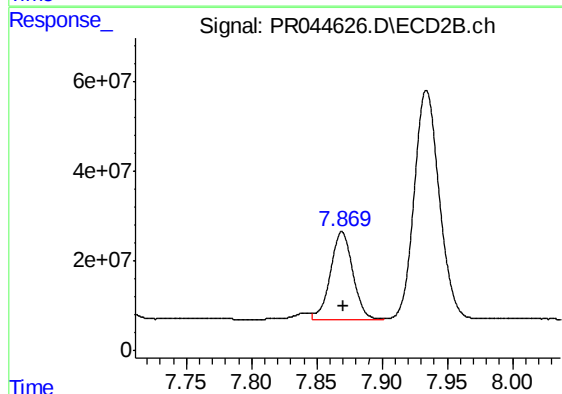
R.T.: 8.447 min
Delta R.T.: -0.001 min
Response: 244784453
Conc: 294.25 ng/ml



#41 AR-1268-1

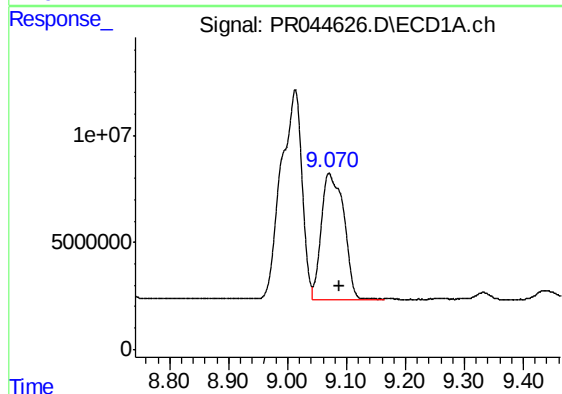
R.T.: 9.013 min
Delta R.T.: 0.024 min
Response: 241059596
Conc: 212.10 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660336



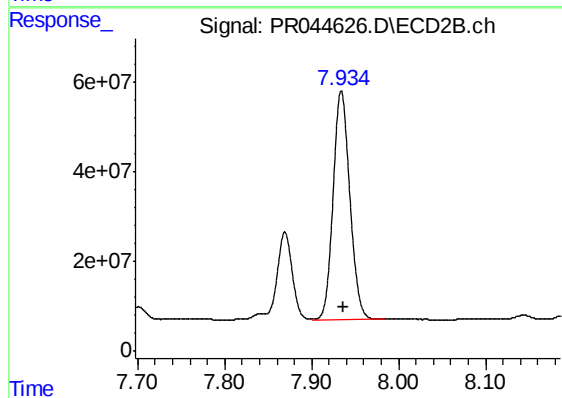
#41 AR-1268-1

R.T.: 7.869 min
Delta R.T.: -0.001 min
Response: 233454313
Conc: 78.87 ng/ml



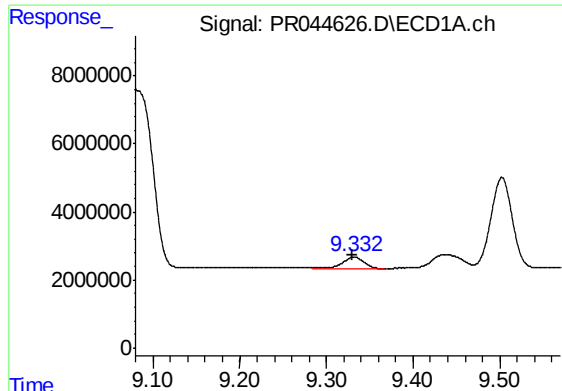
#42 AR-1268-2

R.T.: 9.070 min
Delta R.T.: -0.019 min
Response: 155649355
Conc: 144.65 ng/ml



#42 AR-1268-2

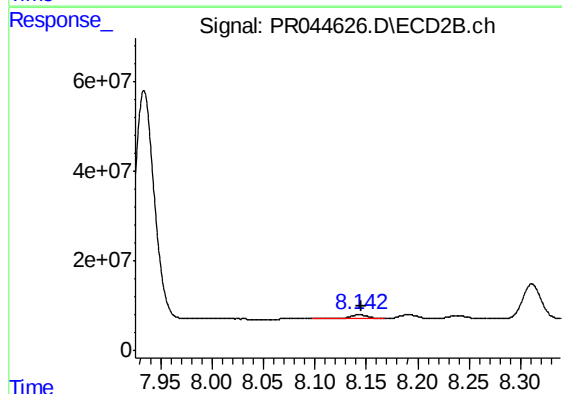
R.T.: 7.934 min
Delta R.T.: -0.002 min
Response: 680704464
Conc: 270.01 ng/ml



#43 AR-1268-3

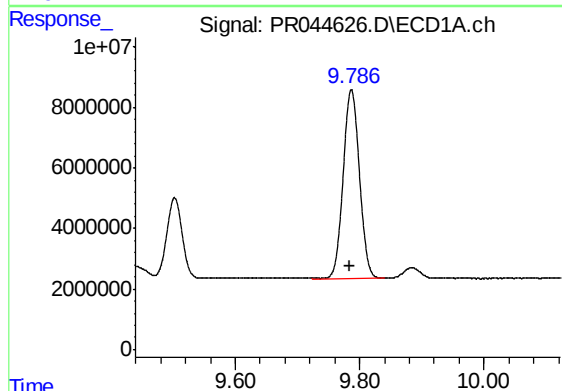
R.T.: 9.332 min
Delta R.T.: 0.002 min
Response: 5752414
Conc: 6.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660336



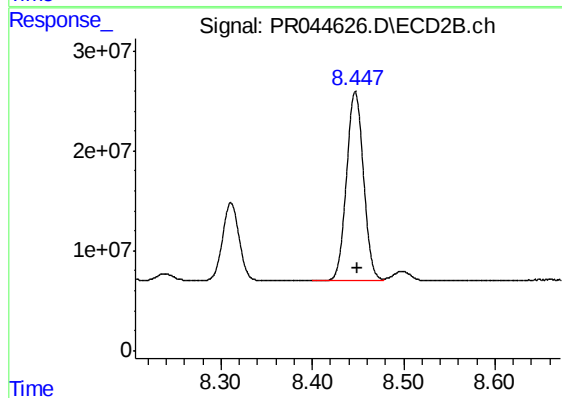
#43 AR-1268-3

R.T.: 8.143 min
Delta R.T.: -0.002 min
Response: 12642388
Conc: 5.95 ng/ml



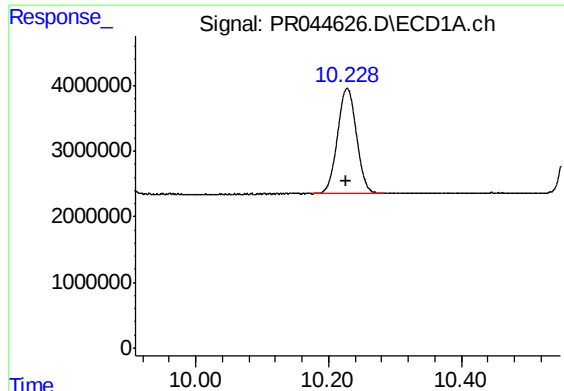
#44 AR-1268-4

R.T.: 9.787 min
Delta R.T.: 0.002 min
Response: 113524227
Conc: 283.32 ng/ml



#44 AR-1268-4

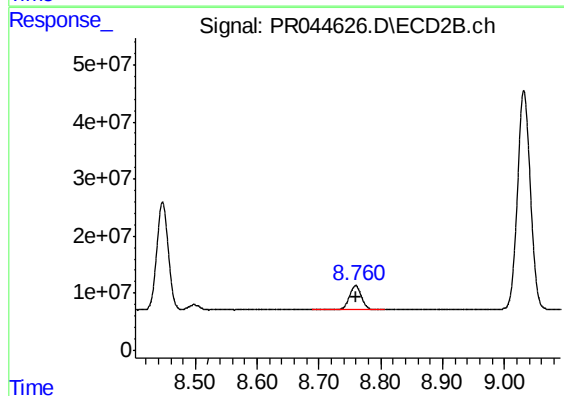
R.T.: 8.447 min
Delta R.T.: -0.002 min
Response: 244784453
Conc: 277.77 ng/ml



#45 AR-1268-5

R.T.: 10.228 min
Delta R.T.: 0.002 min
Response: 31915550
Conc: 10.05 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660336



#45 AR-1268-5

R.T.: 8.759 min
Delta R.T.: 0.000 min
Response: 58361429
Conc: 9.50 ng/ml