

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091319\
 Data File : PR041083.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Sep 2019 19:41
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1660321

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 23:28:53 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091019CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 10 13:01:53 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...	4.725	3.993	71569182	288.4E6	23.288	21.656
2)	SA Decachlor...	10.646	9.118	135.2E6	245.4E6	48.582	25.110 #
Target Compounds							
3)	L1 AR-1016-1	5.901	5.093	55713978	103.7E6	494.107	391.942
4)	L1 AR-1016-2	5.924	5.113	67116850	141.7E6	421.803	386.185
5)	L1 AR-1016-3	5.988	5.292	34893710	76365590	372.402	375.874
6)	L1 AR-1016-4	6.088	5.332	33780519	59435954	432.876	363.934
7)	L1 AR-1016-5	6.382	5.549	44326830	87823464	568.646	377.888 #
8)	L2 AR-1221-1	4.934	4.204	1692599	12351363	54.956	102.936 #
9)	L2 AR-1221-2	5.018	4.294	8921813	14493603	363.195	188.741 #
10)	L2 AR-1221-3	5.098	4.371	11101270	55594074	140.354	245.522 #
11)	L3 AR-1232-1	5.098	4.371	11101270	55594074	222.093	410.707 #
12)	L3 AR-1232-2	5.633	5.113	32363143	141.7E6	1230.310	1091.068
13)	L3 AR-1232-3	5.924	5.292	67116850	76365590	1215.675	1039.609
14)	L3 AR-1232-4	6.088	5.375	33780519	74270964	1208.374	1118.154
15)	L3 AR-1232-5	6.174	5.549	35149462	87823464	1684.141	1065.772 #
16)	L4 AR-1242-1	5.901	5.093	55713978	103.7E6	749.816	597.119
17)	L4 AR-1242-2	5.924	5.113	67116850	141.7E6	640.401	592.230
18)	L4 AR-1242-3	5.988	5.292	34893710	76365590	551.297	562.475
19)	L4 AR-1242-4	6.088	5.375	33780519	74270964	639.273	540.116
20)	L4 AR-1242-5	6.822	5.903	220.1E6	61034636	3493.642	266.125 #
21)	L5 AR-1248-1	5.901	5.093	55713978	103.7E6	951.485	748.791
22)	L5 AR-1248-2	6.174	5.332	35149462	59435954	421.492	302.173 #
23)	L5 AR-1248-3	6.382	5.375	44326830	74270964	469.852	365.554
24)	L5 AR-1248-4	6.760	5.549	334.2E6	87823464	2859.560	333.130 #
25)	L5 AR-1248-5	6.822	5.945	220.1E6	19708403	2007.395	62.363 #
26)	L6 AR-1254-1	6.760	5.903	334.2E6	61034636	2726.383	127.484 #
27)	L6 AR-1254-2	6.976	6.050	33808712	83323915	176.582	188.700
28)	L6 AR-1254-3	7.350	6.473	104.6E6	170.0E6	483.295	225.925 #
29)	L6 AR-1254-4	7.635	6.685	44909722	16432012	275.690	31.424 #
30)	L6 AR-1254-5	8.049	7.105	140.6E6	399.5E6	769.463	625.224
31)	L7 AR-1260-1	7.507	6.588	78010532	141.9E6	505.339	278.509 #
32)	L7 AR-1260-2	7.760	6.775	275.8E6	190.0E6	1499.376	298.809 #
33)	L7 AR-1260-3	8.123	6.932	147.5E6	341.3E6	1062.775	591.799 #
34)	L7 AR-1260-4	8.362	7.406	94577298	1258.7E6	581.662	2549.545 #
35)	L7 AR-1260-5	8.701	7.645	75988265	520.2E6	222.302	399.796 #
36)	L8 AR-1262-1	8.123	7.144	147.5E6	264.5E6	650.926	322.736 #
37)	L8 AR-1262-2	8.701	7.645	75988265	520.2E6	173.426	333.355 #
38)	L8 AR-1262-3	9.015	7.933	157.2E6	85337426	560.007	141.316 #
39)	L8 AR-1262-4	9.137	7.996	1999509	216.8E6	9.840	194.395 #
40)	L8 AR-1262-5	9.834	8.514	24383817	119.7E6	168.001	228.975 #
41)	L9 AR-1268-1	9.015	7.933	157.2E6	85337426	352.612	53.221 #
42)	L9 AR-1268-2	9.137	7.996	1999509	216.8E6	4.898	145.050 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091319\
 Data File : PR041083.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Sep 2019 19:41
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

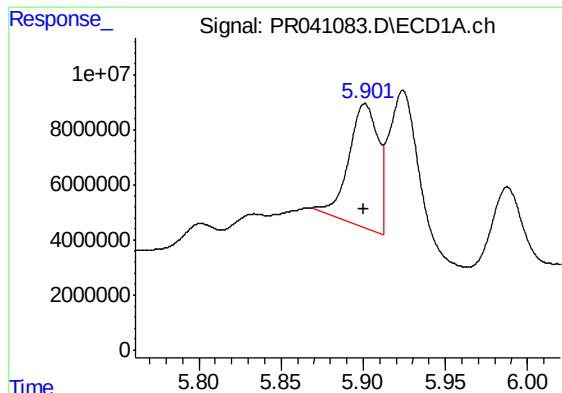
Instrument :
 ECD_R
 ClientSampleId :
 AR1660321

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 23:28:53 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091019CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 10 13:01:53 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
43) L9	AR-1268-3	9.333f	8.189	67190316	68321129	198.635	54.671 #
44) L9	AR-1268-4	9.834	8.514	24383817	119.7E6	170.018	229.761 #
45) L9	AR-1268-5	0.000	8.835	0	37463364	N.D.	10.155 #

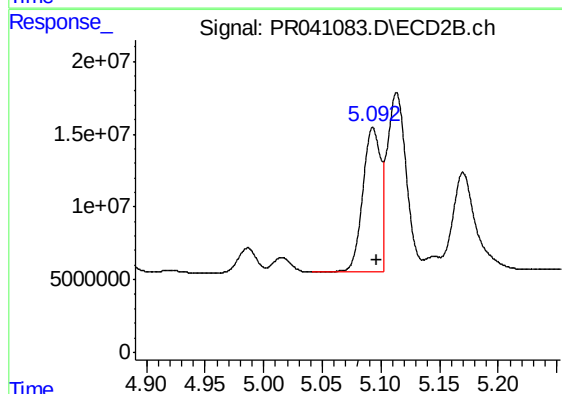
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

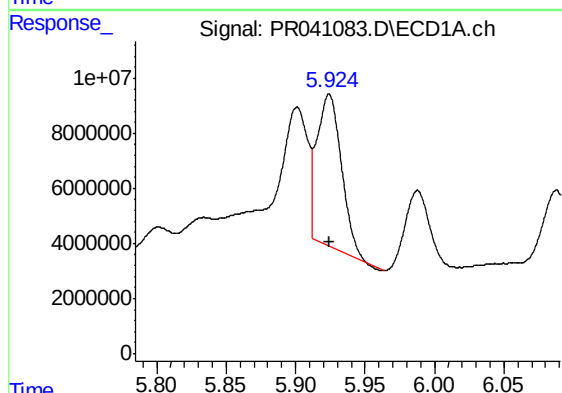
R.T.: 5.901 min
Delta R.T.: 0.000 min
Response: 55713978
Conc: 494.11 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660321



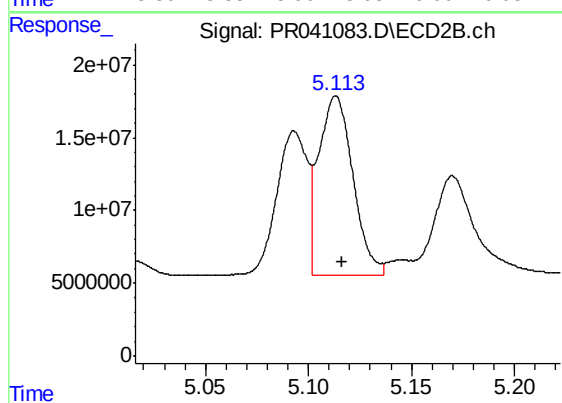
#3 AR-1016-1

R.T.: 5.093 min
Delta R.T.: -0.003 min
Response: 103740709
Conc: 391.94 ng/ml



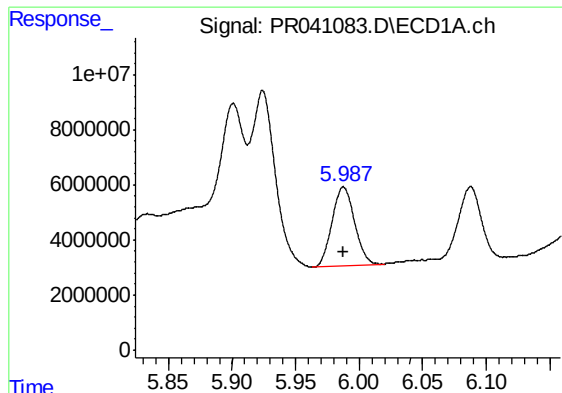
#4 AR-1016-2

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 67116850
Conc: 421.80 ng/ml



#4 AR-1016-2

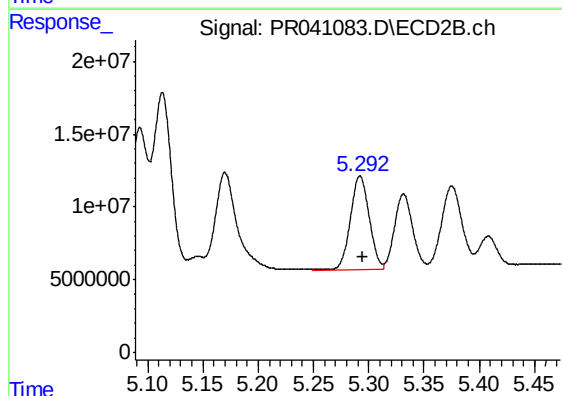
R.T.: 5.113 min
Delta R.T.: -0.003 min
Response: 141737690
Conc: 386.19 ng/ml



#5 AR-1016-3

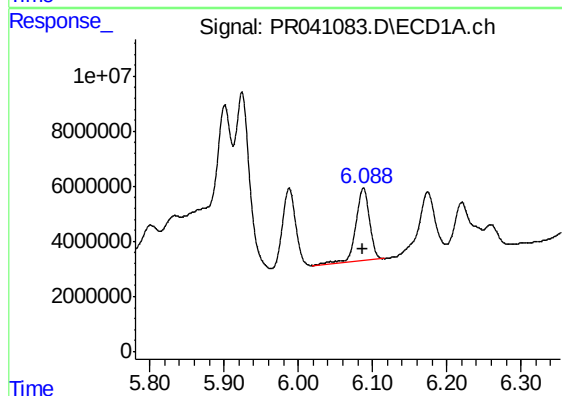
R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 34893710
Conc: 372.40 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660321



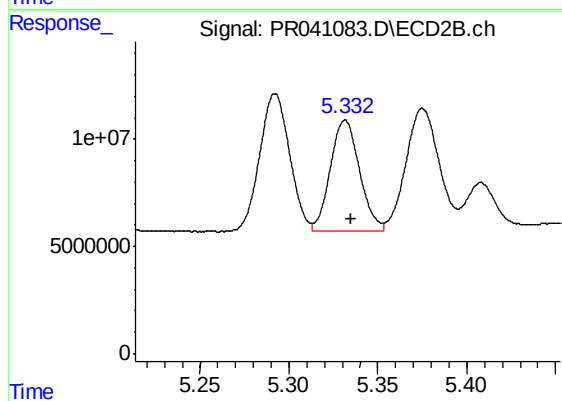
#5 AR-1016-3

R.T.: 5.292 min
Delta R.T.: -0.003 min
Response: 76365590
Conc: 375.87 ng/ml



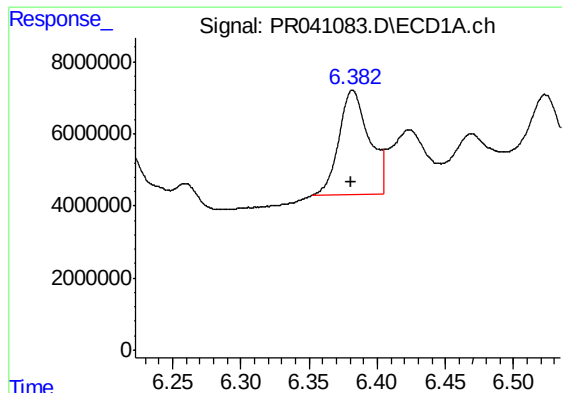
#6 AR-1016-4

R.T.: 6.088 min
Delta R.T.: 0.000 min
Response: 33780519
Conc: 432.88 ng/ml



#6 AR-1016-4

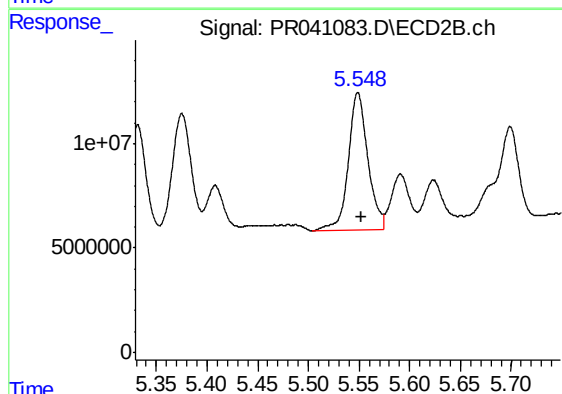
R.T.: 5.332 min
Delta R.T.: -0.003 min
Response: 59435954
Conc: 363.93 ng/ml



#7 AR-1016-5

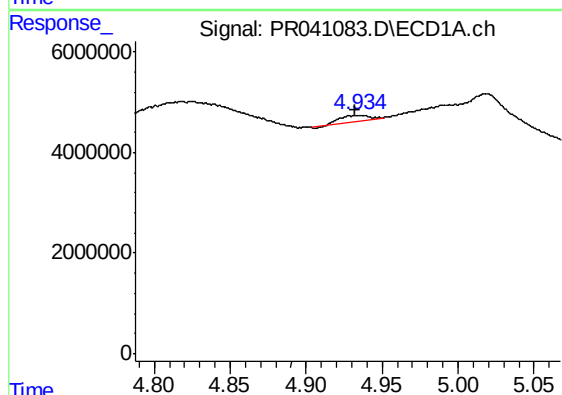
R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 44326830
Conc: 568.65 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660321



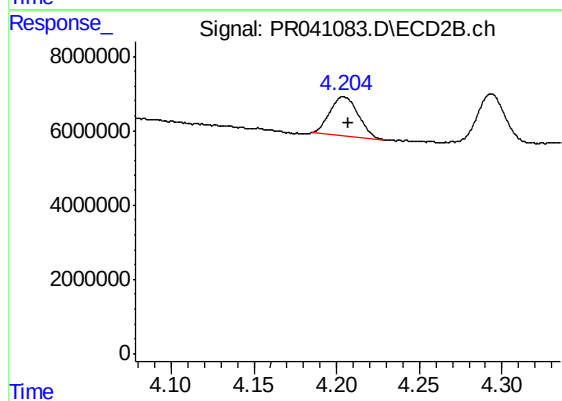
#7 AR-1016-5

R.T.: 5.549 min
Delta R.T.: -0.003 min
Response: 87823464
Conc: 377.89 ng/ml



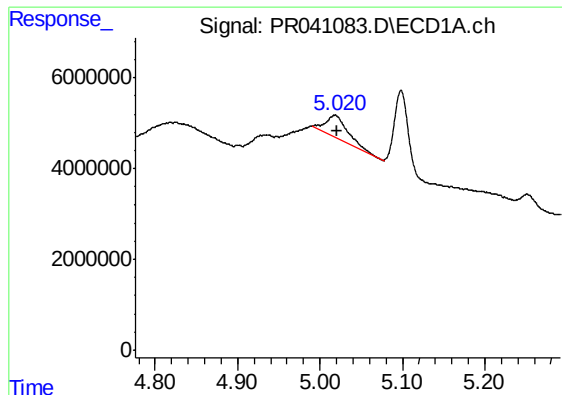
#8 AR-1221-1

R.T.: 4.934 min
Delta R.T.: 0.002 min
Response: 1692599
Conc: 54.96 ng/ml



#8 AR-1221-1

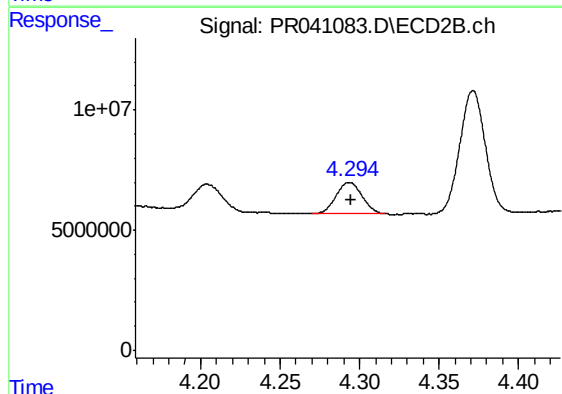
R.T.: 4.204 min
Delta R.T.: -0.003 min
Response: 12351363
Conc: 102.94 ng/ml



#9 AR-1221-2

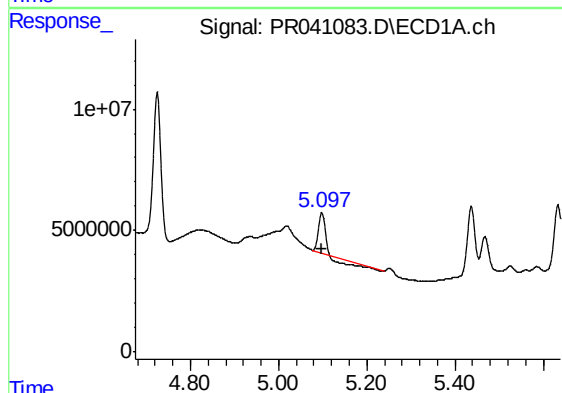
R.T.: 5.018 min
Delta R.T.: -0.002 min
Response: 8921813
Conc: 363.19 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660321



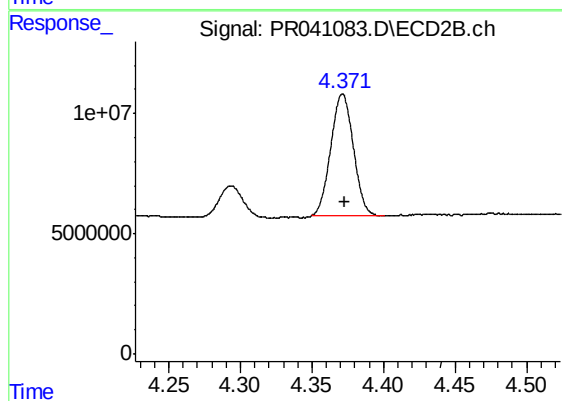
#9 AR-1221-2

R.T.: 4.294 min
Delta R.T.: -0.001 min
Response: 14493603
Conc: 188.74 ng/ml



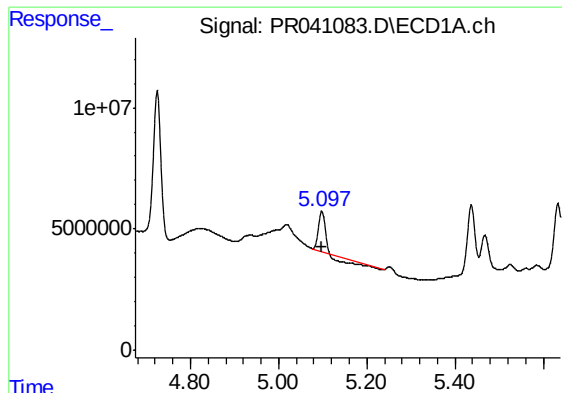
#10 AR-1221-3

R.T.: 5.098 min
Delta R.T.: 0.000 min
Response: 11101270
Conc: 140.35 ng/ml



#10 AR-1221-3

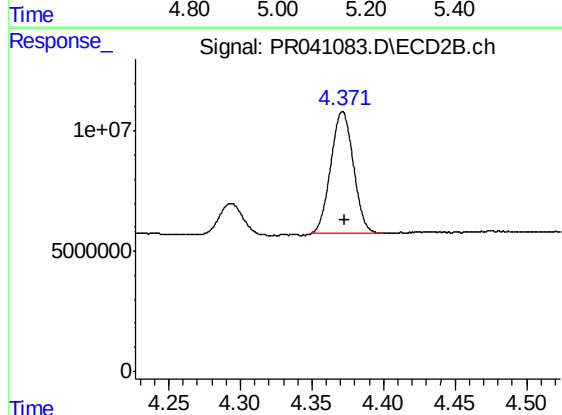
R.T.: 4.371 min
Delta R.T.: -0.001 min
Response: 55594074
Conc: 245.52 ng/ml



#11 AR-1232-1

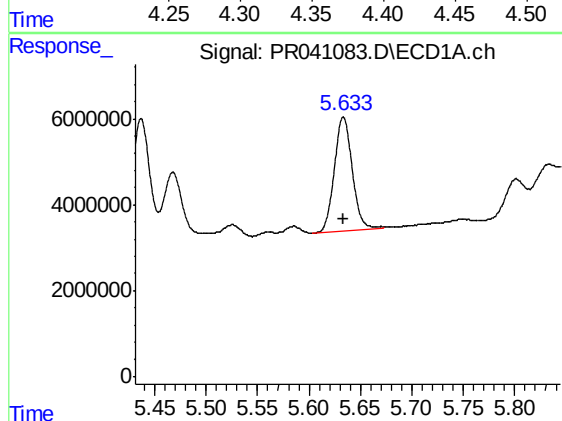
R.T.: 5.098 min
Delta R.T.: 0.000 min
Response: 11101270
Conc: 222.09 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660321



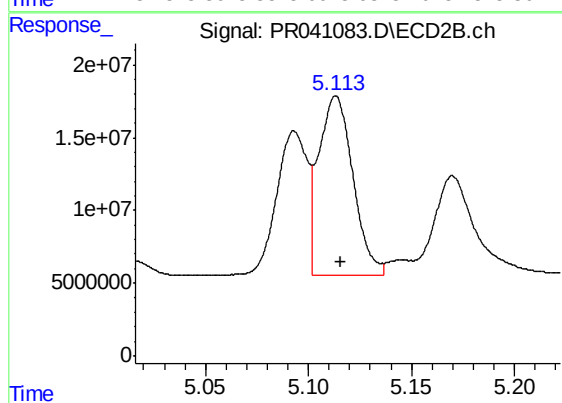
#11 AR-1232-1

R.T.: 4.371 min
Delta R.T.: -0.001 min
Response: 55594074
Conc: 410.71 ng/ml



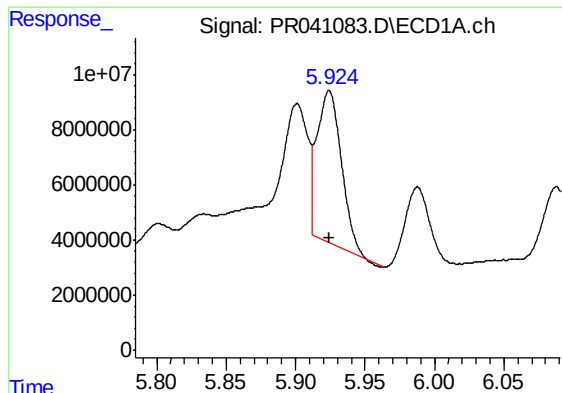
#12 AR-1232-2

R.T.: 5.633 min
Delta R.T.: 0.000 min
Response: 32363143
Conc: 1230.31 ng/ml



#12 AR-1232-2

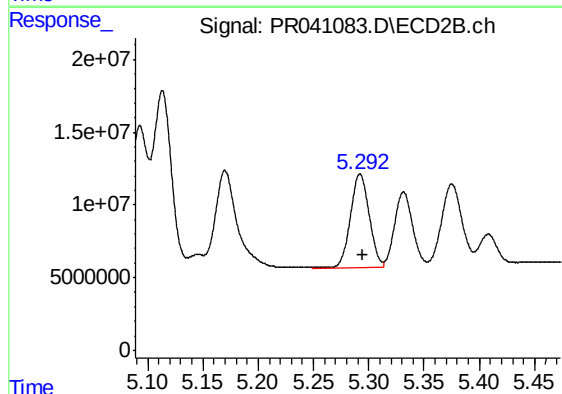
R.T.: 5.113 min
Delta R.T.: -0.002 min
Response: 141737690
Conc: 1091.07 ng/ml



#13 AR-1232-3

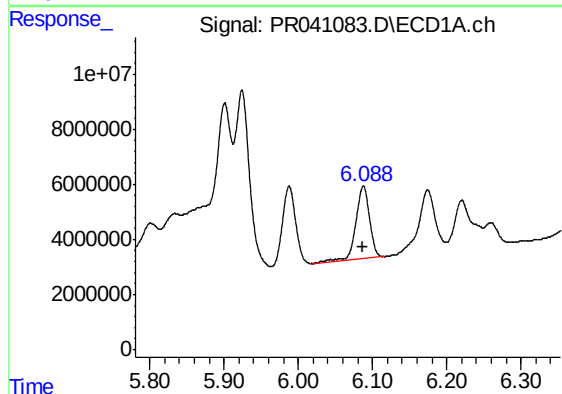
R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 67116850
Conc: 1215.68 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660321



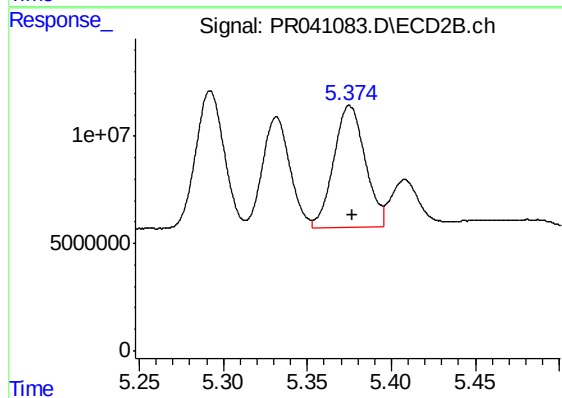
#13 AR-1232-3

R.T.: 5.292 min
Delta R.T.: -0.002 min
Response: 76365590
Conc: 1039.61 ng/ml



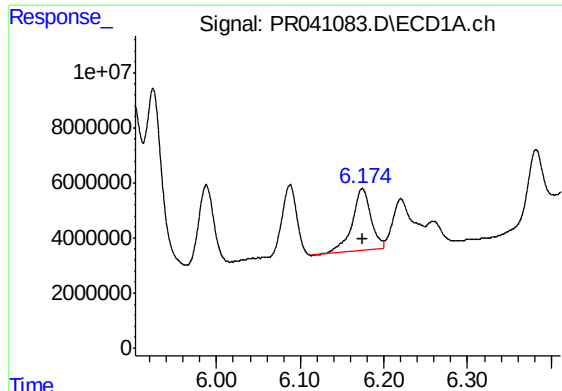
#14 AR-1232-4

R.T.: 6.088 min
Delta R.T.: 0.000 min
Response: 33780519
Conc: 1208.37 ng/ml



#14 AR-1232-4

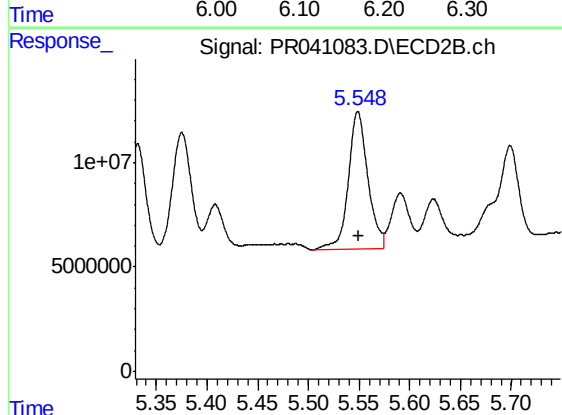
R.T.: 5.375 min
Delta R.T.: -0.002 min
Response: 74270964
Conc: 1118.15 ng/ml



#15 AR-1232-5

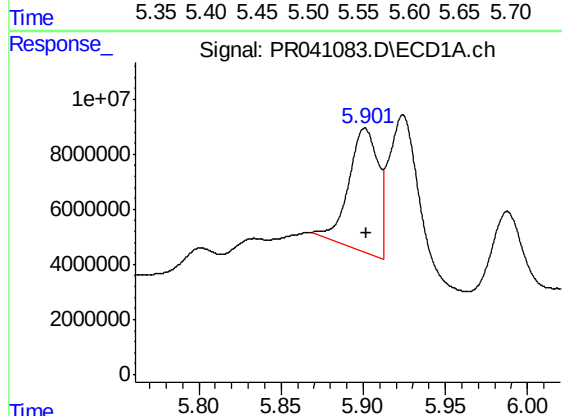
R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 35149462
Conc: 1684.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660321



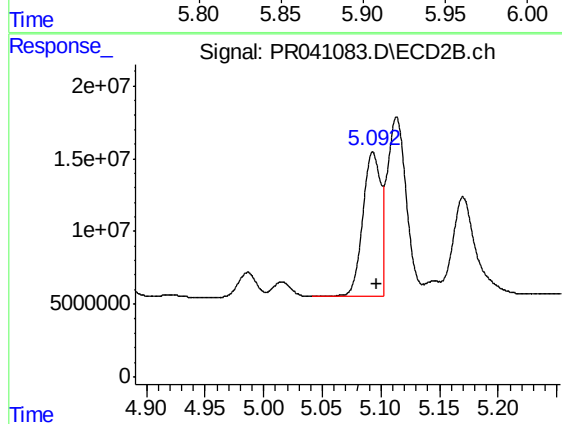
#15 AR-1232-5

R.T.: 5.549 min
Delta R.T.: -0.002 min
Response: 87823464
Conc: 1065.77 ng/ml



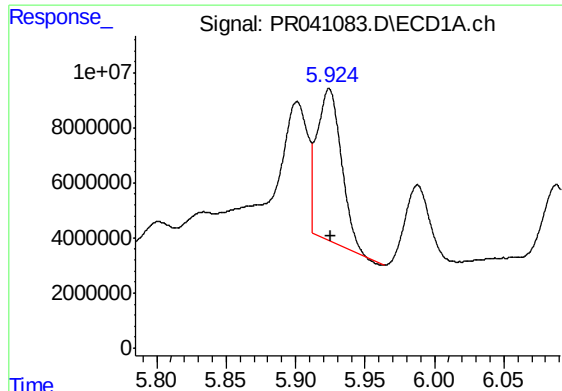
#16 AR-1242-1

R.T.: 5.901 min
Delta R.T.: -0.001 min
Response: 55713978
Conc: 749.82 ng/ml



#16 AR-1242-1

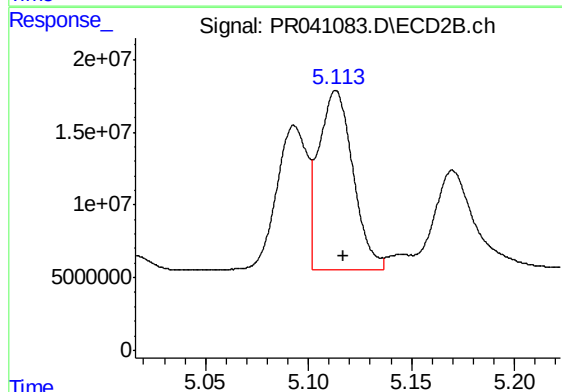
R.T.: 5.093 min
Delta R.T.: -0.003 min
Response: 103740709
Conc: 597.12 ng/ml



#17 AR-1242-2

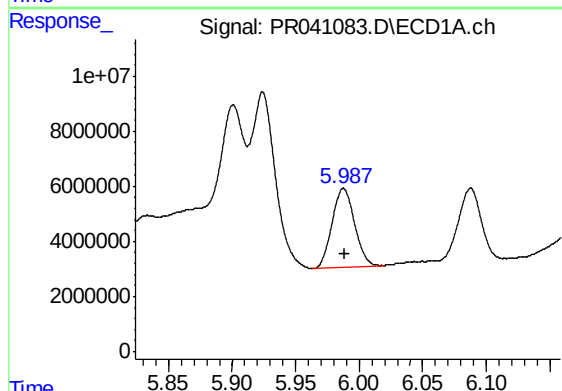
R.T.: 5.924 min
Delta R.T.: -0.001 min
Response: 67116850
Conc: 640.40 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660321



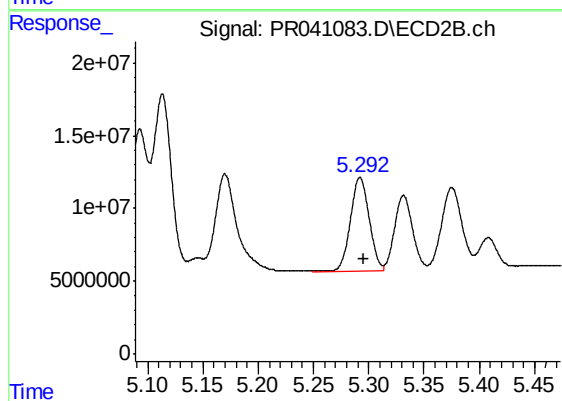
#17 AR-1242-2

R.T.: 5.113 min
Delta R.T.: -0.003 min
Response: 141737690
Conc: 592.23 ng/ml



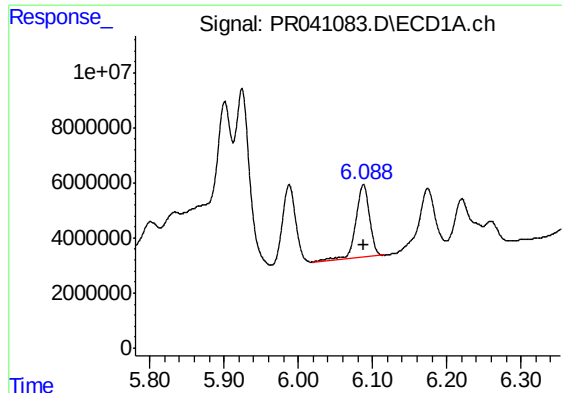
#18 AR-1242-3

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 34893710
Conc: 551.30 ng/ml



#18 AR-1242-3

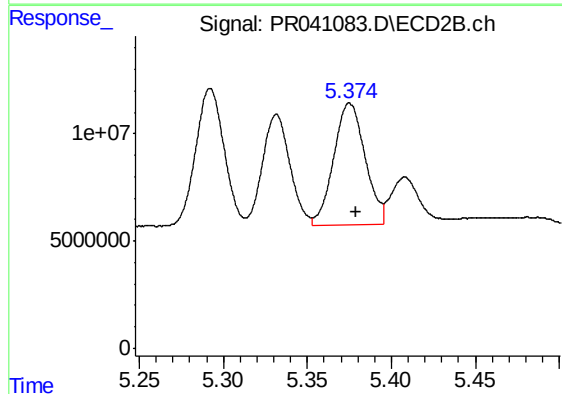
R.T.: 5.292 min
Delta R.T.: -0.003 min
Response: 76365590
Conc: 562.47 ng/ml



#19 AR-1242-4

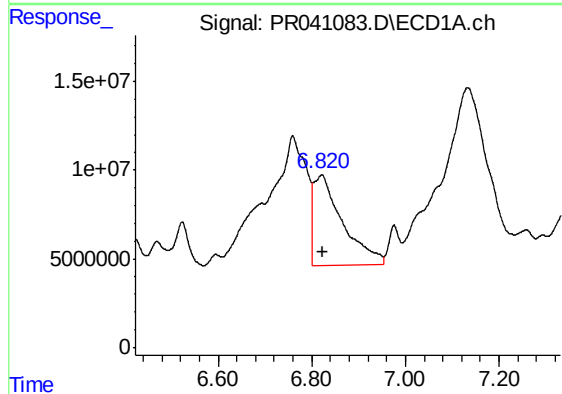
R.T.: 6.088 min
Delta R.T.: 0.000 min
Response: 33780519
Conc: 639.27 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660321



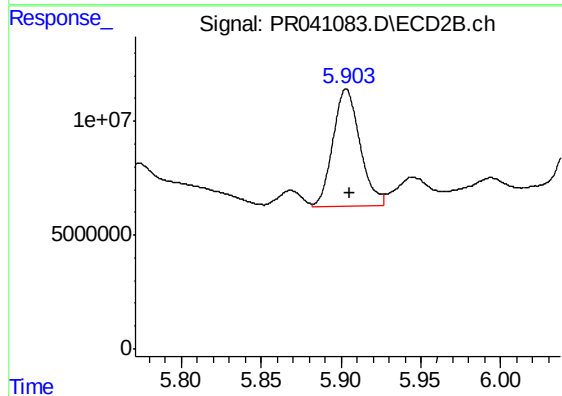
#19 AR-1242-4

R.T.: 5.375 min
Delta R.T.: -0.004 min
Response: 74270964
Conc: 540.12 ng/ml



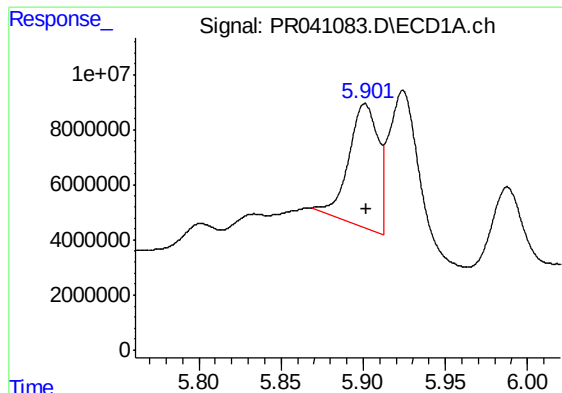
#20 AR-1242-5

R.T.: 6.822 min
Delta R.T.: -0.003 min
Response: 220140720
Conc: 3493.64 ng/ml



#20 AR-1242-5

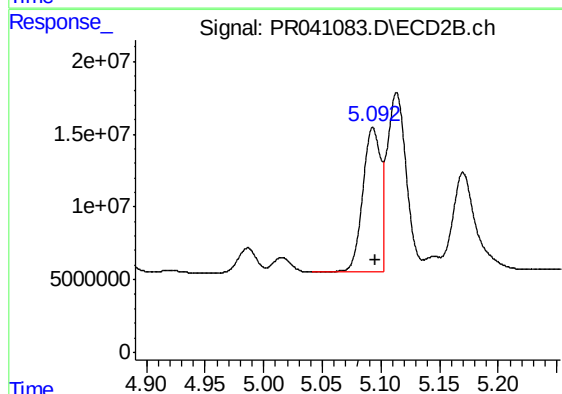
R.T.: 5.903 min
Delta R.T.: -0.002 min
Response: 61034636
Conc: 266.12 ng/ml



#21 AR-1248-1

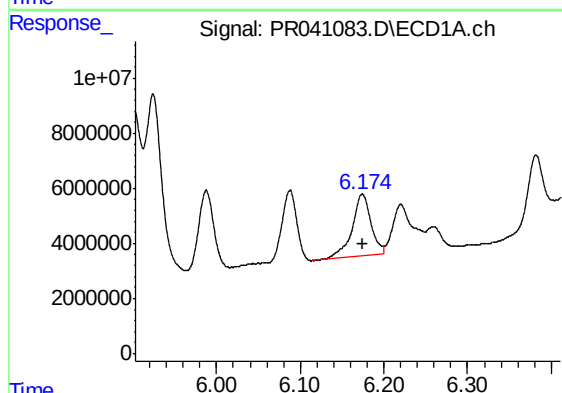
R.T.: 5.901 min
Delta R.T.: 0.000 min
Response: 55713978
Conc: 951.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660321



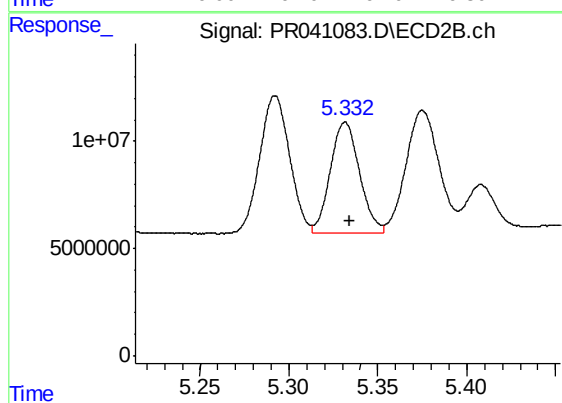
#21 AR-1248-1

R.T.: 5.093 min
Delta R.T.: -0.002 min
Response: 103740709
Conc: 748.79 ng/ml



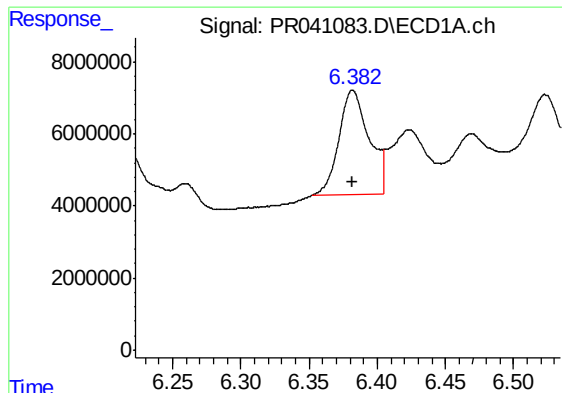
#22 AR-1248-2

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 35149462
Conc: 421.49 ng/ml



#22 AR-1248-2

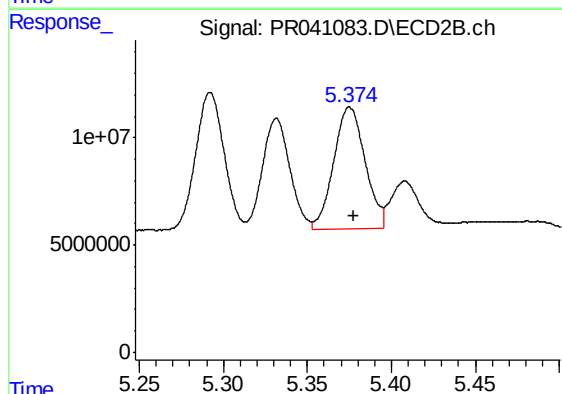
R.T.: 5.332 min
Delta R.T.: -0.002 min
Response: 59435954
Conc: 302.17 ng/ml



#23 AR-1248-3

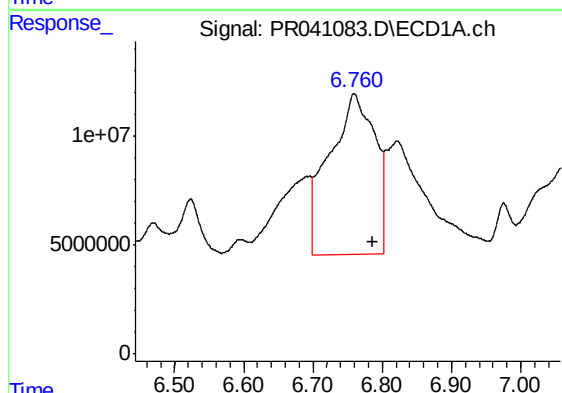
R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 44326830
Conc: 469.85 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660321



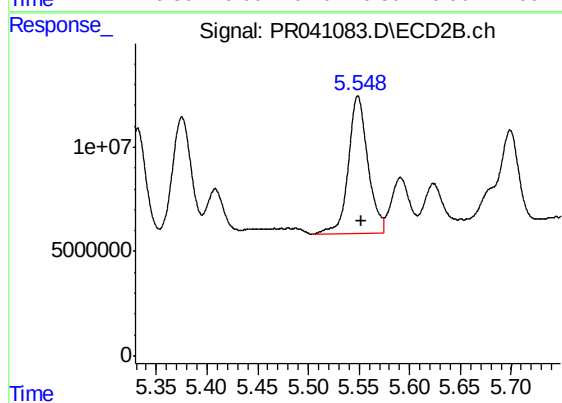
#23 AR-1248-3

R.T.: 5.375 min
Delta R.T.: -0.003 min
Response: 74270964
Conc: 365.55 ng/ml



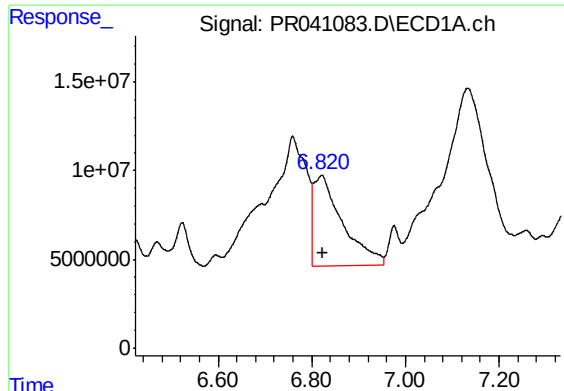
#24 AR-1248-4

R.T.: 6.760 min
Delta R.T.: -0.026 min
Response: 334193759
Conc: 2859.56 ng/ml



#24 AR-1248-4

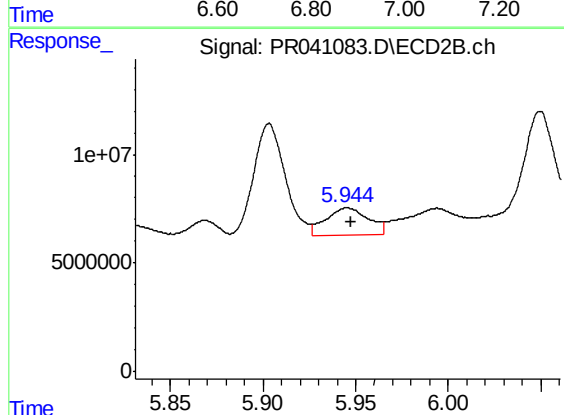
R.T.: 5.549 min
Delta R.T.: -0.003 min
Response: 87823464
Conc: 333.13 ng/ml



#25 AR-1248-5

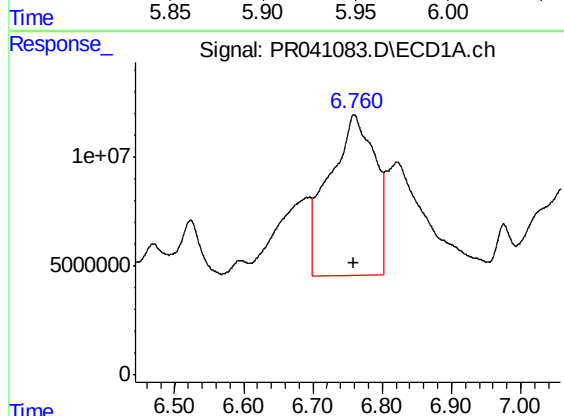
R.T.: 6.822 min
Delta R.T.: -0.004 min
Response: 220140720
Conc: 2007.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660321



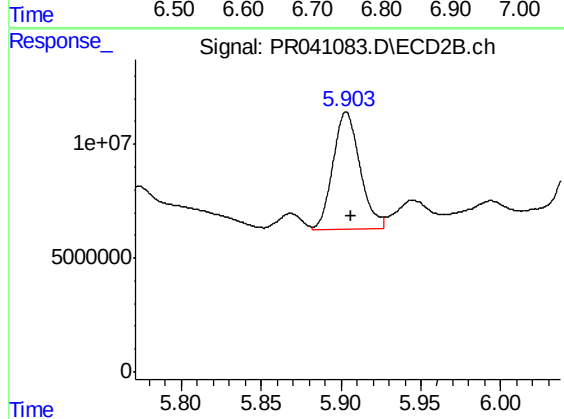
#25 AR-1248-5

R.T.: 5.945 min
Delta R.T.: -0.002 min
Response: 19708403
Conc: 62.36 ng/ml



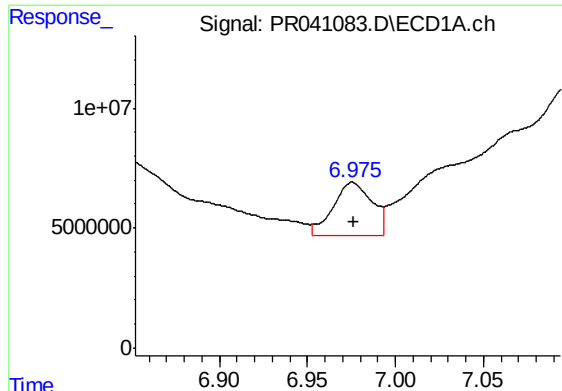
#26 AR-1254-1

R.T.: 6.760 min
Delta R.T.: 0.000 min
Response: 334193759
Conc: 2726.38 ng/ml



#26 AR-1254-1

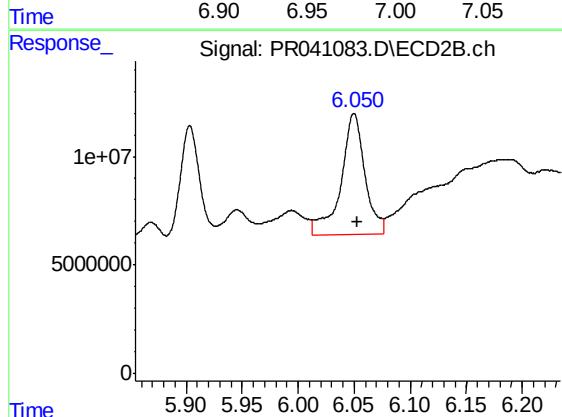
R.T.: 5.903 min
Delta R.T.: -0.003 min
Response: 61034636
Conc: 127.48 ng/ml



#27 AR-1254-2

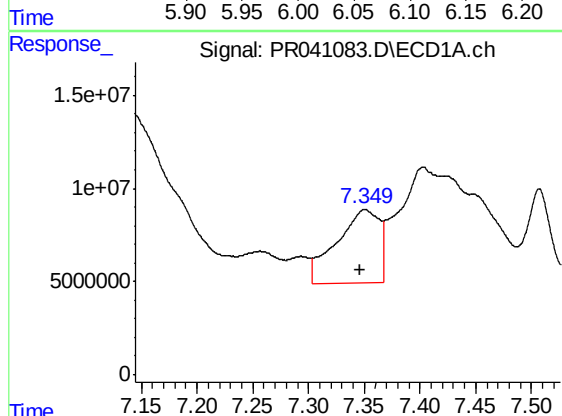
R.T.: 6.976 min
Delta R.T.: 0.000 min
Response: 33808712
Conc: 176.58 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660321



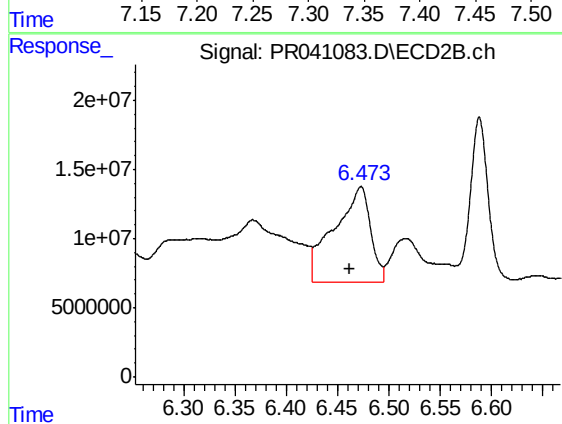
#27 AR-1254-2

R.T.: 6.050 min
Delta R.T.: -0.004 min
Response: 83323915
Conc: 188.70 ng/ml



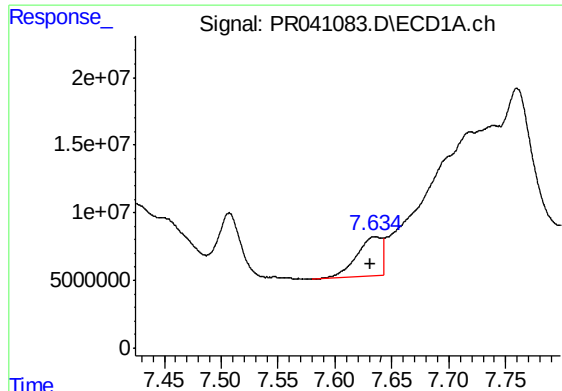
#28 AR-1254-3

R.T.: 7.350 min
Delta R.T.: 0.004 min
Response: 104588252
Conc: 483.30 ng/ml



#28 AR-1254-3

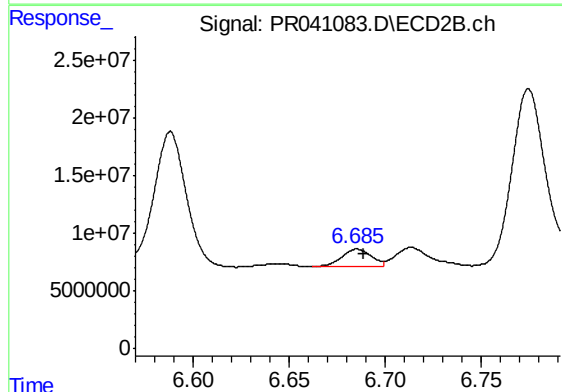
R.T.: 6.473 min
Delta R.T.: 0.011 min
Response: 169955565
Conc: 225.93 ng/ml



#29 AR-1254-4

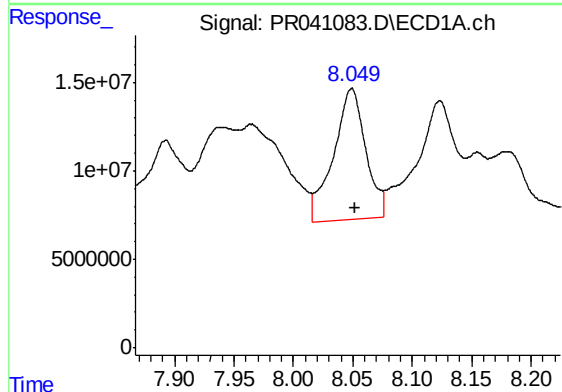
R.T.: 7.635 min
Delta R.T.: 0.004 min
Response: 44909722
Conc: 275.69 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660321



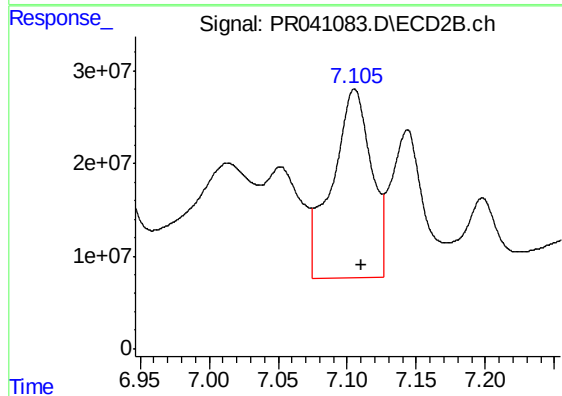
#29 AR-1254-4

R.T.: 6.685 min
Delta R.T.: -0.004 min
Response: 16432012
Conc: 31.42 ng/ml



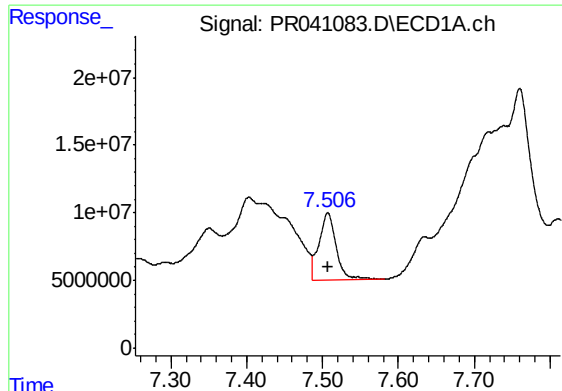
#30 AR-1254-5

R.T.: 8.049 min
Delta R.T.: -0.003 min
Response: 140550475
Conc: 769.46 ng/ml



#30 AR-1254-5

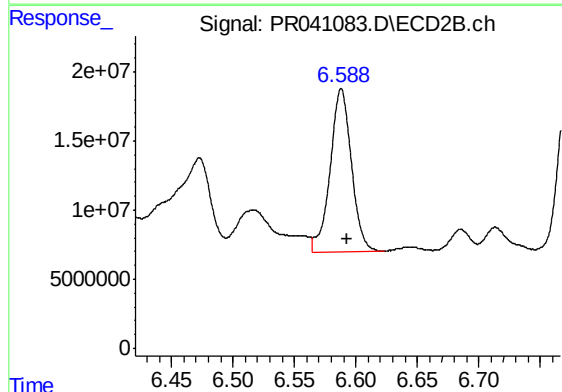
R.T.: 7.105 min
Delta R.T.: -0.005 min
Response: 399455813
Conc: 625.22 ng/ml



#31 AR-1260-1

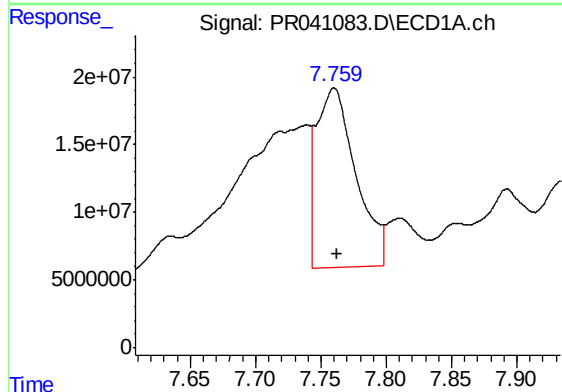
R.T.: 7.507 min
Delta R.T.: 0.000 min
Response: 78010532
Conc: 505.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660321



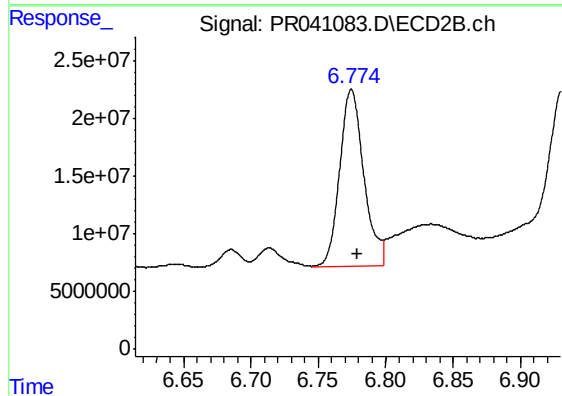
#31 AR-1260-1

R.T.: 6.588 min
Delta R.T.: -0.004 min
Response: 141885513
Conc: 278.51 ng/ml



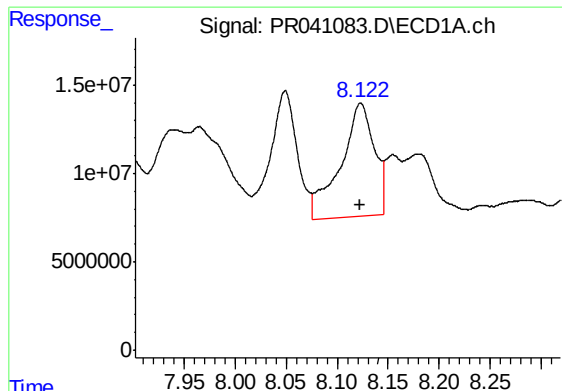
#32 AR-1260-2

R.T.: 7.760 min
Delta R.T.: -0.003 min
Response: 275835230
Conc: 1499.38 ng/ml



#32 AR-1260-2

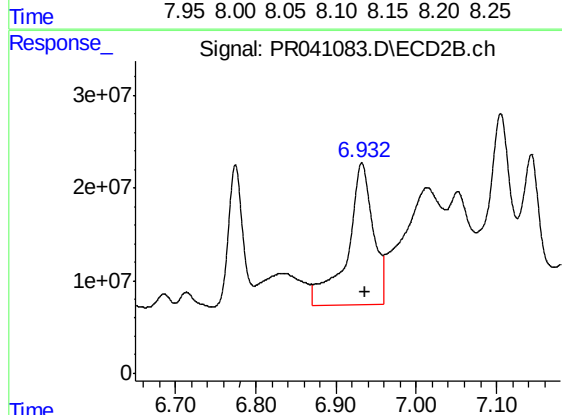
R.T.: 6.775 min
Delta R.T.: -0.004 min
Response: 189957330
Conc: 298.81 ng/ml



#33 AR-1260-3

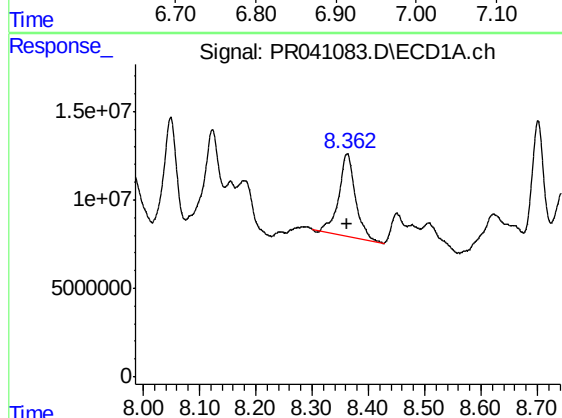
R.T.: 8.123 min
Delta R.T.: 0.000 min
Response: 147543485
Conc: 1062.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660321



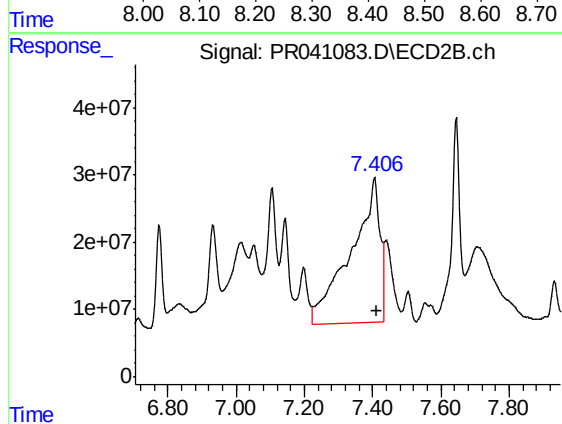
#33 AR-1260-3

R.T.: 6.932 min
Delta R.T.: -0.003 min
Response: 341322768
Conc: 591.80 ng/ml



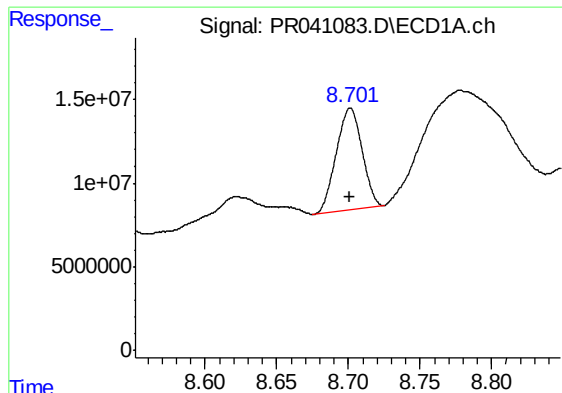
#34 AR-1260-4

R.T.: 8.362 min
Delta R.T.: 0.000 min
Response: 94577298
Conc: 581.66 ng/ml



#34 AR-1260-4

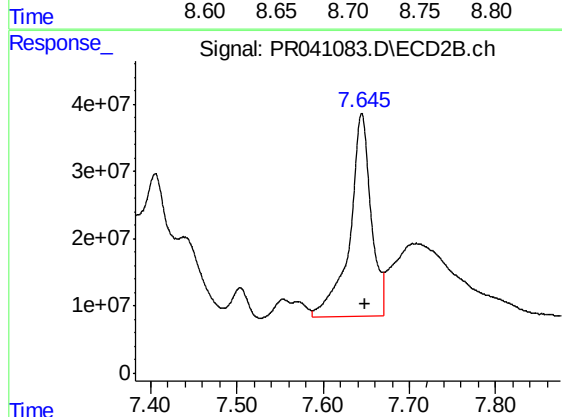
R.T.: 7.406 min
Delta R.T.: -0.005 min
Response: 1258744921
Conc: 2549.54 ng/ml



#35 AR-1260-5

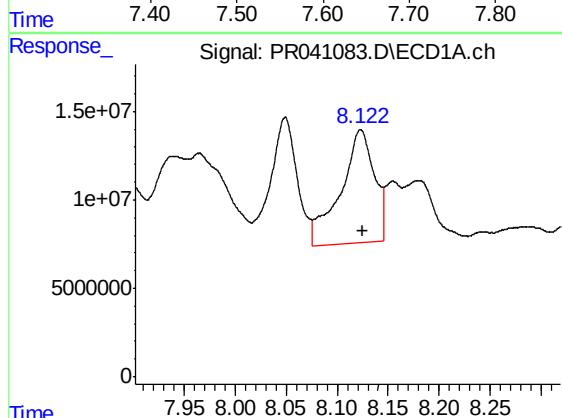
R.T.: 8.701 min
Delta R.T.: 0.000 min
Response: 75988265
Conc: 222.30 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660321



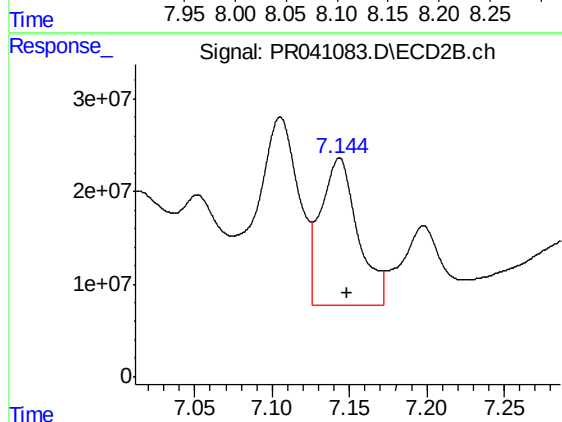
#35 AR-1260-5

R.T.: 7.645 min
Delta R.T.: -0.004 min
Response: 520161274
Conc: 399.80 ng/ml



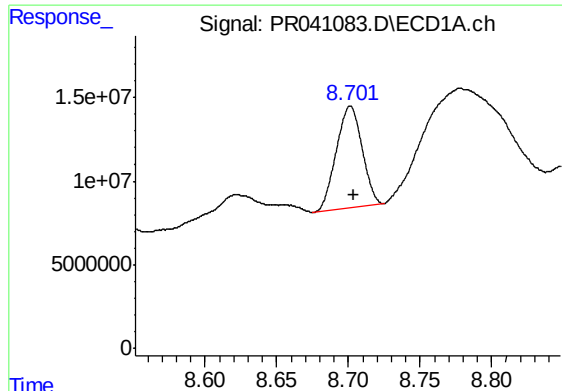
#36 AR-1262-1

R.T.: 8.123 min
Delta R.T.: -0.002 min
Response: 147543485
Conc: 650.93 ng/ml



#36 AR-1262-1

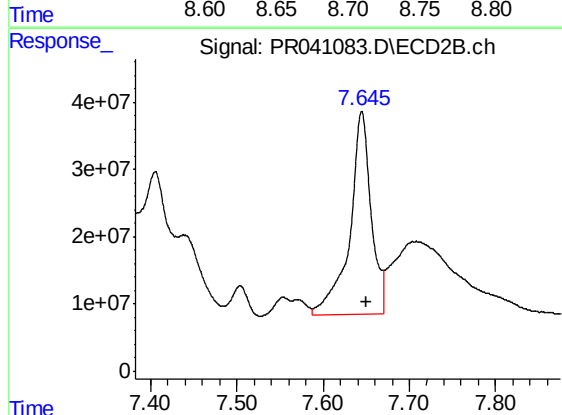
R.T.: 7.144 min
Delta R.T.: -0.005 min
Response: 264500475
Conc: 322.74 ng/ml



#37 AR-1262-2

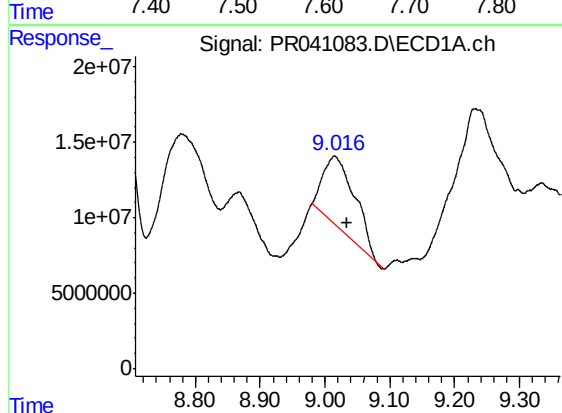
R.T.: 8.701 min
Delta R.T.: -0.002 min
Response: 75988265
Conc: 173.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660321



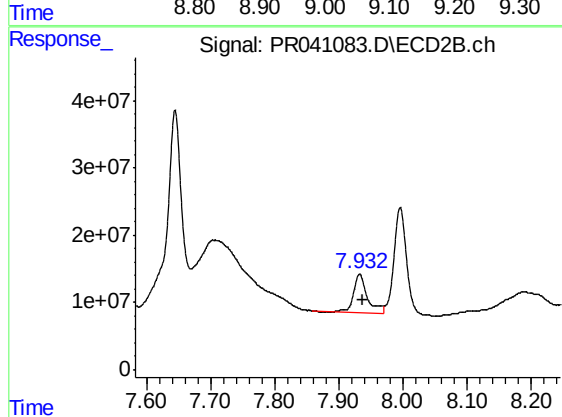
#37 AR-1262-2

R.T.: 7.645 min
Delta R.T.: -0.005 min
Response: 520161274
Conc: 333.35 ng/ml



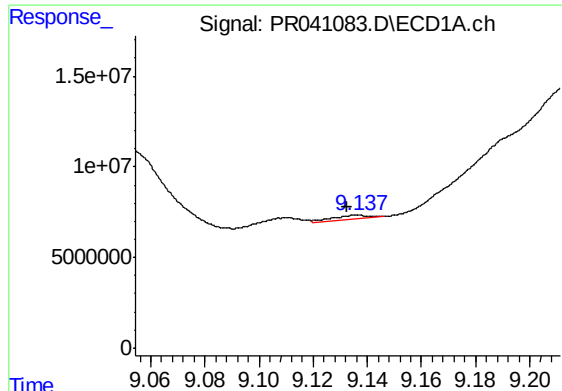
#38 AR-1262-3

R.T.: 9.015 min
Delta R.T.: -0.020 min
Response: 157217240
Conc: 560.01 ng/ml



#38 AR-1262-3

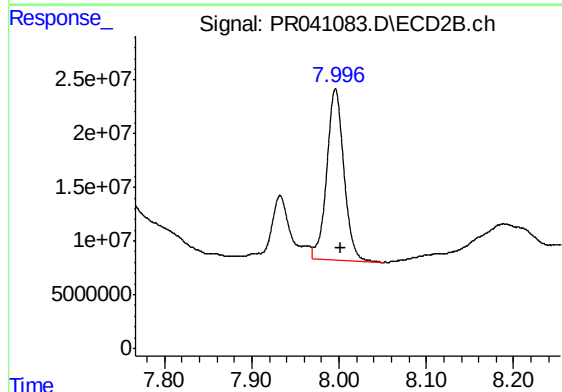
R.T.: 7.933 min
Delta R.T.: -0.004 min
Response: 85337426
Conc: 141.32 ng/ml



#39 AR-1262-4

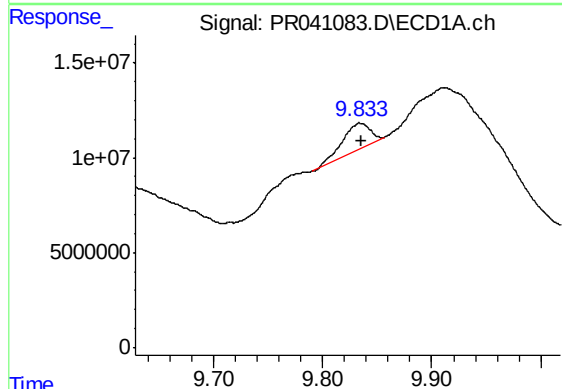
R.T.: 9.137 min
Delta R.T.: 0.004 min
Response: 1999509
Conc: 9.84 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660321



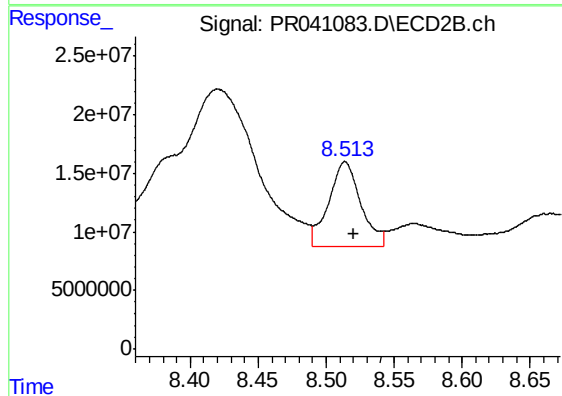
#39 AR-1262-4

R.T.: 7.996 min
Delta R.T.: -0.006 min
Response: 216771929
Conc: 194.40 ng/ml



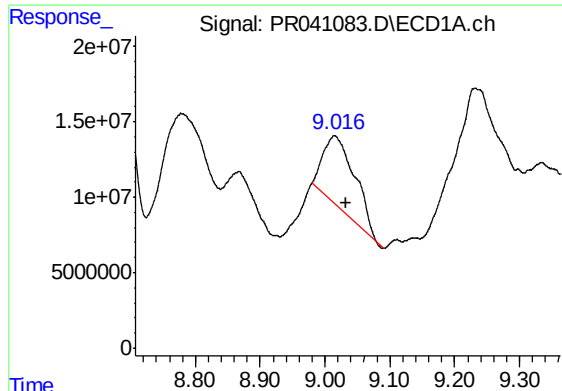
#40 AR-1262-5

R.T.: 9.834 min
Delta R.T.: 0.000 min
Response: 24383817
Conc: 168.00 ng/ml



#40 AR-1262-5

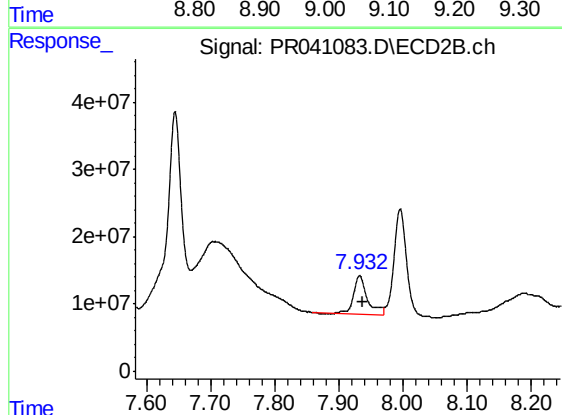
R.T.: 8.514 min
Delta R.T.: -0.006 min
Response: 119652110
Conc: 228.97 ng/ml



#41 AR-1268-1

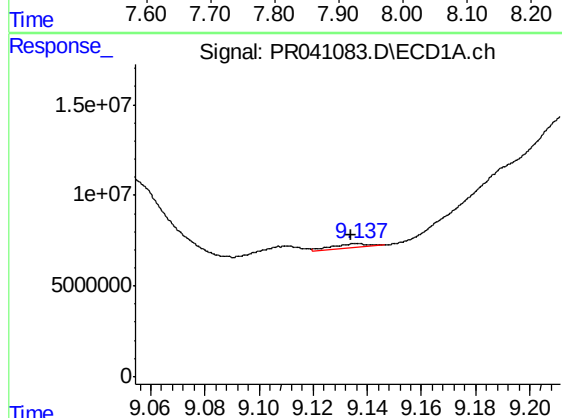
R.T.: 9.015 min
Delta R.T.: -0.018 min
Response: 157217240
Conc: 352.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660321



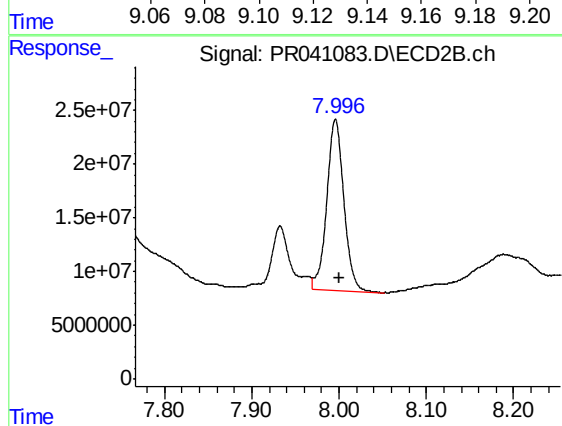
#41 AR-1268-1

R.T.: 7.933 min
Delta R.T.: -0.004 min
Response: 85337426
Conc: 53.22 ng/ml



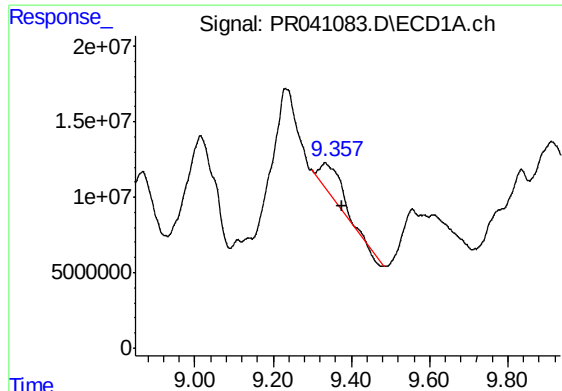
#42 AR-1268-2

R.T.: 9.137 min
Delta R.T.: 0.003 min
Response: 1999509
Conc: 4.90 ng/ml



#42 AR-1268-2

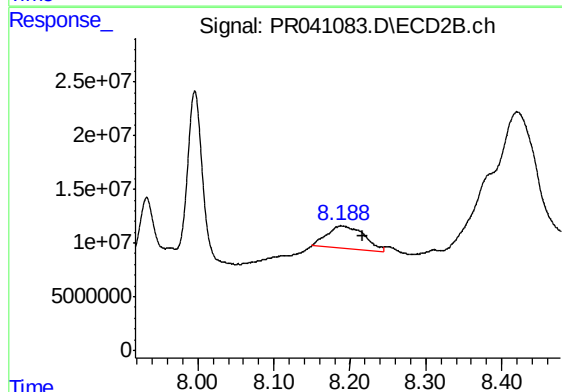
R.T.: 7.996 min
Delta R.T.: -0.005 min
Response: 216771929
Conc: 145.05 ng/ml



#43 AR-1268-3

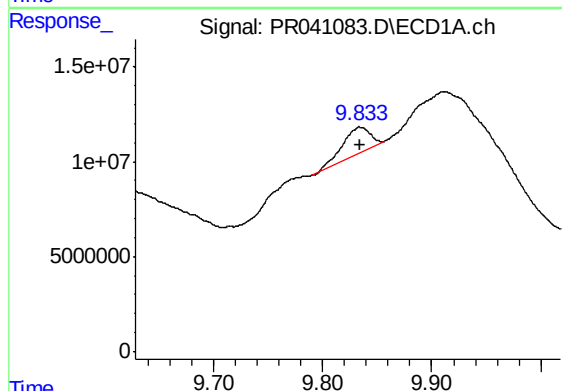
R.T.: 9.333 min
Delta R.T.: -0.044 min
Response: 67190316
Conc: 198.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660321



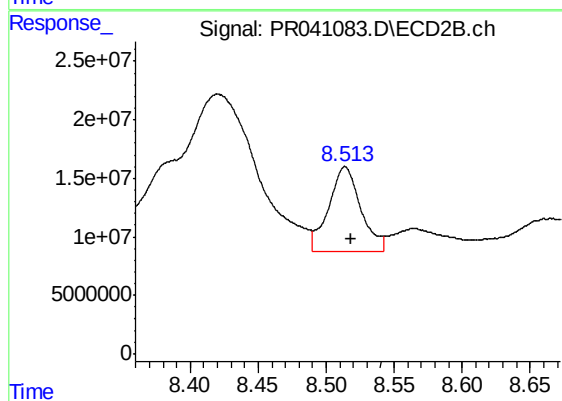
#43 AR-1268-3

R.T.: 8.189 min
Delta R.T.: -0.029 min
Response: 68321129
Conc: 54.67 ng/ml



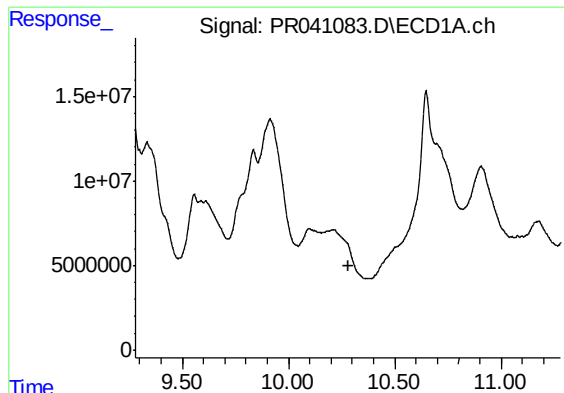
#44 AR-1268-4

R.T.: 9.834 min
Delta R.T.: 0.000 min
Response: 24383817
Conc: 170.02 ng/ml



#44 AR-1268-4

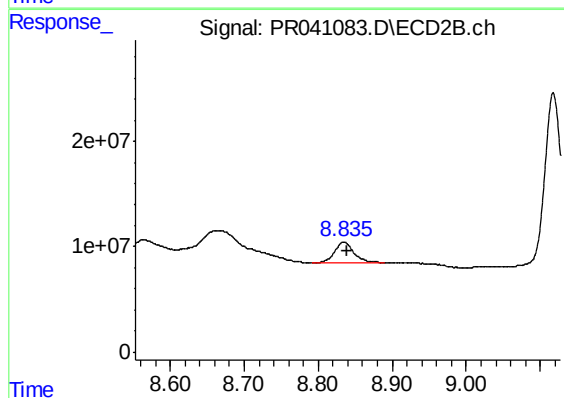
R.T.: 8.514 min
Delta R.T.: -0.005 min
Response: 119652110
Conc: 229.76 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 10.279 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1660321



#45 AR-1268-5

R.T.: 8.835 min
Delta R.T.: -0.004 min
Response: 37463364
Conc: 10.16 ng/ml