

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121419\
 Data File : PR043845.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Dec 2019 07:50
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1660376

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 16 01:59:02 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR120419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 07 03:51:56 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...	4.702	3.962	125.6E6	163.6E6	22.602	21.174
2)	SA Decachlor...	10.609	9.050	146.9E6	333.8E6	39.013	33.733
Target Compounds							
3)	L1 AR-1016-1	5.879	5.055	85976303	161.8E6	444.038	396.873
4)	L1 AR-1016-2	5.903	5.074	121.6E6	229.1E6	444.111	410.114
5)	L1 AR-1016-3	5.965	5.253	72199820	120.6E6	438.411	403.698
6)	L1 AR-1016-4	6.065	5.292	61573157	96066292	447.092	399.383
7)	L1 AR-1016-5	6.359	5.509	59492889	136.9E6	430.550	431.039
8)	L2 AR-1221-1	4.908	4.172	8186781	8209741	142.710	96.294 #
9)	L2 AR-1221-2	4.999	4.262	10484115	12215313	256.545	199.537
10)	L2 AR-1221-3	5.077	4.337	40985235	64460918	298.205	295.056
11)	L3 AR-1232-1	5.077	4.337	40985235	64460918	381.293	382.123
12)	L3 AR-1232-2	5.611	5.074	58818967	229.1E6	1062.751	981.706
13)	L3 AR-1232-3	5.903	5.253	121.6E6	120.6E6	1072.387	985.583
14)	L3 AR-1232-4	6.065	5.336	61573157	116.9E6	1059.324	1101.488
15)	L3 AR-1232-5	6.152	5.509	52143271	136.9E6	1167.842	1143.044
16)	L4 AR-1242-1	5.879	5.055	85976303	161.8E6	528.903	489.366
17)	L4 AR-1242-2	5.903	5.074	121.6E6	229.1E6	533.072	501.099
18)	L4 AR-1242-3	5.965	5.253	72199820	120.6E6	524.902	494.873
19)	L4 AR-1242-4	6.065	5.336	61573157	116.9E6	536.409	496.331
20)	L4 AR-1242-5	6.803	5.862	9519951	142.1E6	74.843	416.721 #
21)	L5 AR-1248-1	5.879	5.055	85976303	161.8E6	724.358	661.233
22)	L5 AR-1248-2	6.152	5.292	52143271	96066292	320.050	296.249
23)	L5 AR-1248-3	6.359	5.336	59492889	116.9E6	327.655	355.021
24)	L5 AR-1248-4	6.762	5.509	8654157	136.9E6	41.341	330.121 #
25)	L5 AR-1248-5	6.803	5.953f	9519951	15379816	47.951	34.604 #
26)	L6 AR-1254-1	6.737	5.862	49616914	142.1E6	227.006	199.389
27)	L6 AR-1254-2	6.952	6.008	41992478	91896266	124.529	143.670
28)	L6 AR-1254-3	7.323	6.429	40626204	226.1E6	116.150	223.358 #
29)	L6 AR-1254-4	7.608	6.642	16071258	33949722	64.316	47.147 #
30)	L6 AR-1254-5	8.028	7.060	129.2E6	306.8E6	501.473	360.093 #
31)	L7 AR-1260-1	7.485	6.544	114.6E6	250.0E6	459.707	369.054
32)	L7 AR-1260-2	7.741	6.731	112.8E6	357.2E6	379.742	368.663
33)	L7 AR-1260-3	8.101	6.887	81559200	277.0E6	368.139	354.723
34)	L7 AR-1260-4	8.339	7.359	93234080	227.1E6	370.658	358.037
35)	L7 AR-1260-5	8.676	7.599	186.2E6	621.0E6	386.067	364.850
36)	L8 AR-1262-1	8.161	7.060	41139215	306.8E6	309.024	620.351 #
37)	L8 AR-1262-2	8.676	7.599	186.2E6	621.0E6	326.840	326.409
38)	L8 AR-1262-3	9.028	7.883	111.8E6	158.2E6	308.899	207.356 #
39)	L8 AR-1262-4	9.085	7.948	67942150	413.4E6	255.268	332.999 #
40)	L8 AR-1262-5	9.805	8.461	48743284	140.2E6	258.851	245.935
41)	L9 AR-1268-1	9.028	7.883	111.8E6	158.2E6	174.762	73.703 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121419\
Data File : PR043845.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Dec 2019 07:50
Operator : SM\AJ
Sample : AR1660CCC400
Misc :
ALS Vial : 3 Sample Multiplier: 1

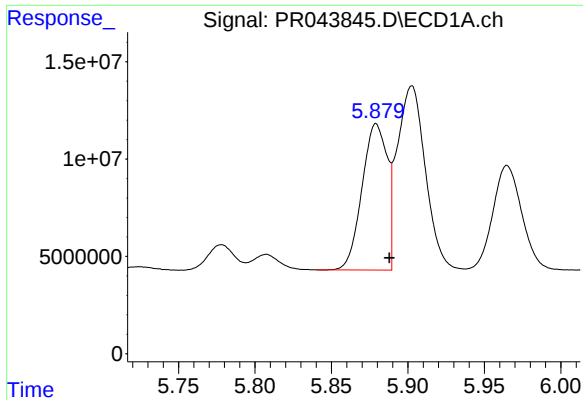
Instrument :
ECD_R
ClientSampleId :
AR1660376

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 16 01:59:02 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR120419CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 07 03:51:56 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
42)	L9 AR-1268-2	9.085	7.948	67942150	413.4E6	117.919	227.827 #
43)	L9 AR-1268-3	9.348	8.159	2296668	17538511	4.878	11.391 #
44)	L9 AR-1268-4	9.805	8.461	48743284	140.2E6	238.564	228.577
45)	L9 AR-1268-5	10.248	8.776	13456543	32893767	8.605	7.774

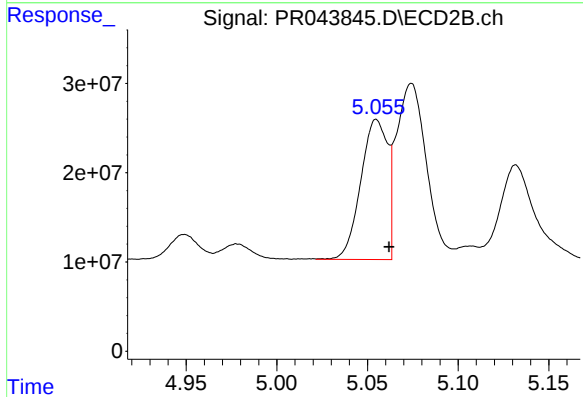
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

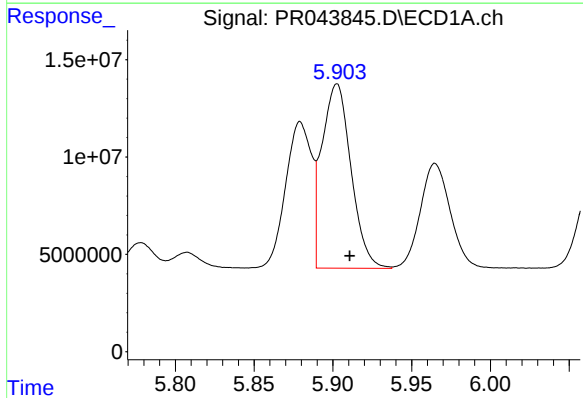
R.T.: 5.879 min
Delta R.T.: -0.009 min
Response: 85976303
Conc: 444.04 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660376



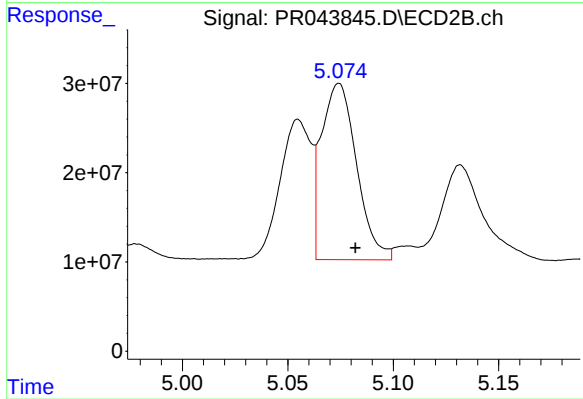
#3 AR-1016-1

R.T.: 5.055 min
Delta R.T.: -0.007 min
Response: 161803519
Conc: 396.87 ng/ml



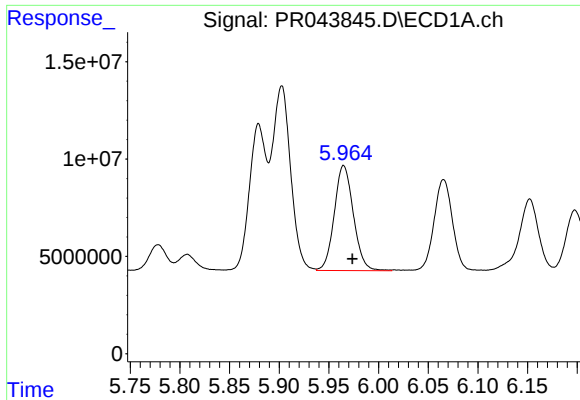
#4 AR-1016-2

R.T.: 5.903 min
Delta R.T.: -0.008 min
Response: 121603257
Conc: 444.11 ng/ml



#4 AR-1016-2

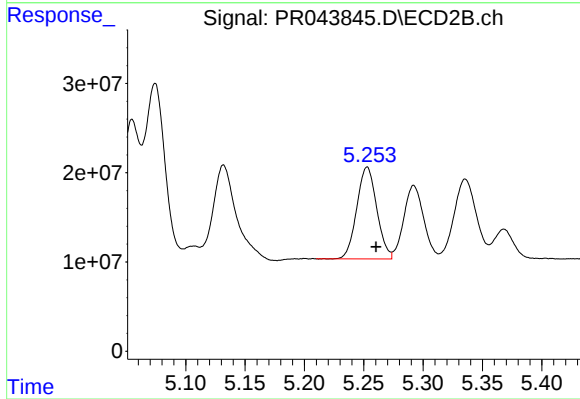
R.T.: 5.074 min
Delta R.T.: -0.008 min
Response: 229076575
Conc: 410.11 ng/ml



#5 AR-1016-3

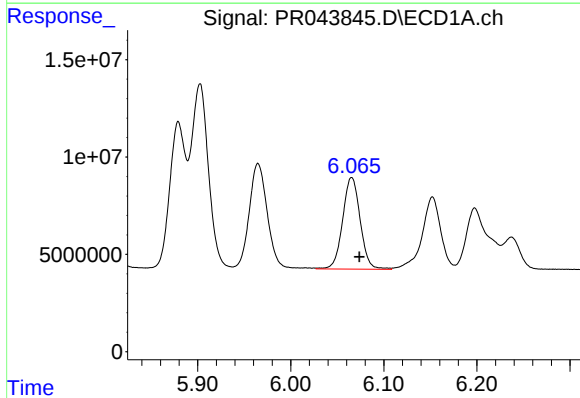
R.T.: 5.965 min
Delta R.T.: -0.009 min
Response: 72199820
Conc: 438.41 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660376



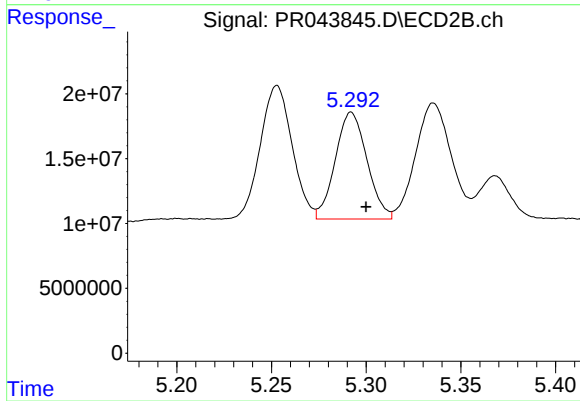
#5 AR-1016-3

R.T.: 5.253 min
Delta R.T.: -0.008 min
Response: 120608111
Conc: 403.70 ng/ml



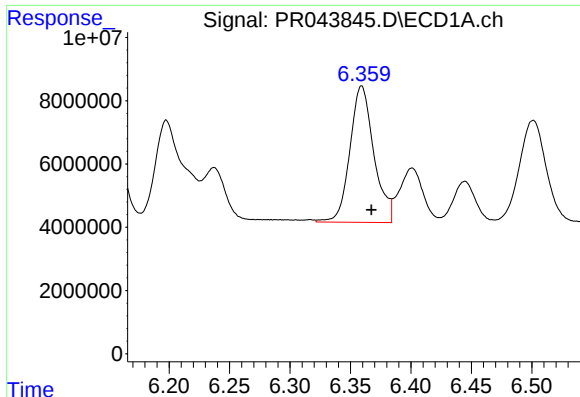
#6 AR-1016-4

R.T.: 6.065 min
Delta R.T.: -0.008 min
Response: 61573157
Conc: 447.09 ng/ml



#6 AR-1016-4

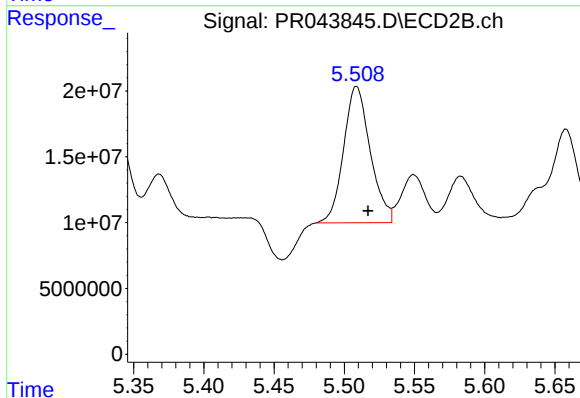
R.T.: 5.292 min
Delta R.T.: -0.008 min
Response: 96066292
Conc: 399.38 ng/ml



#7 AR-1016-5

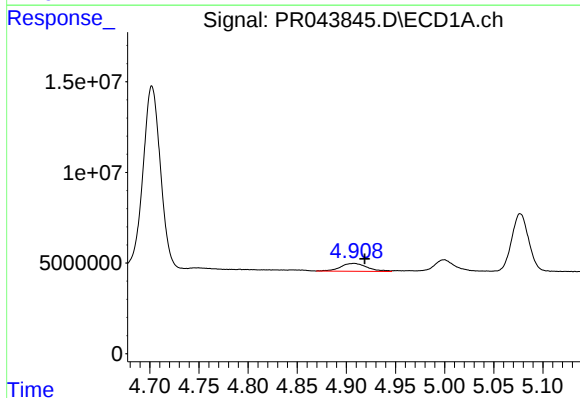
R.T.: 6.359 min
Delta R.T.: -0.008 min
Response: 59492889
Conc: 430.55 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660376



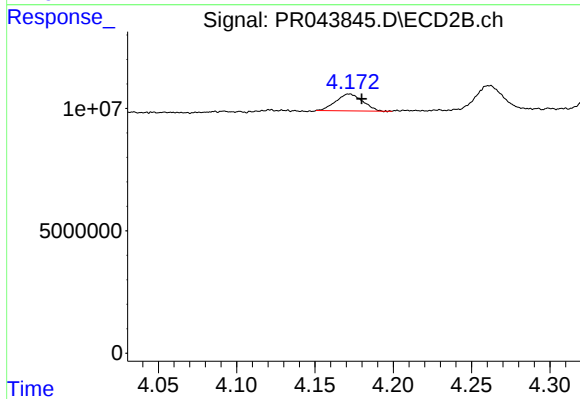
#7 AR-1016-5

R.T.: 5.509 min
Delta R.T.: -0.008 min
Response: 136866847
Conc: 431.04 ng/ml



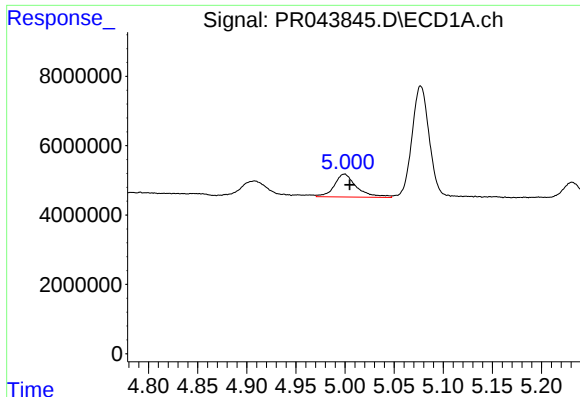
#8 AR-1221-1

R.T.: 4.908 min
Delta R.T.: -0.011 min
Response: 8186781
Conc: 142.71 ng/ml



#8 AR-1221-1

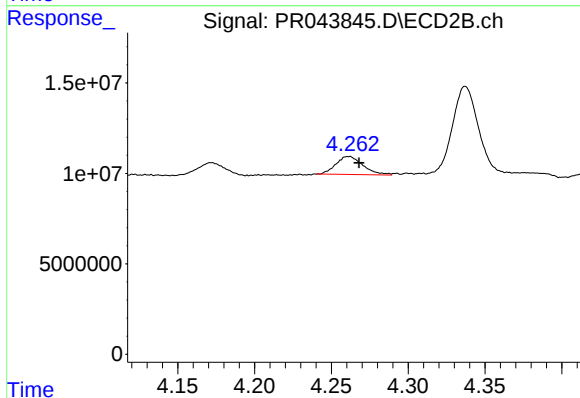
R.T.: 4.172 min
Delta R.T.: -0.008 min
Response: 8209741
Conc: 96.29 ng/ml



#9 AR-1221-2

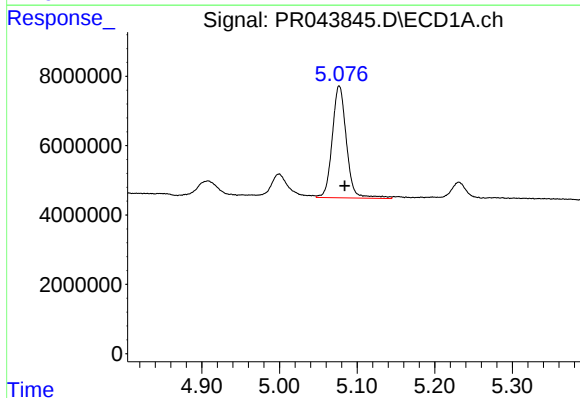
R.T.: 4.999 min
Delta R.T.: -0.005 min
Response: 10484115
Conc: 256.54 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660376



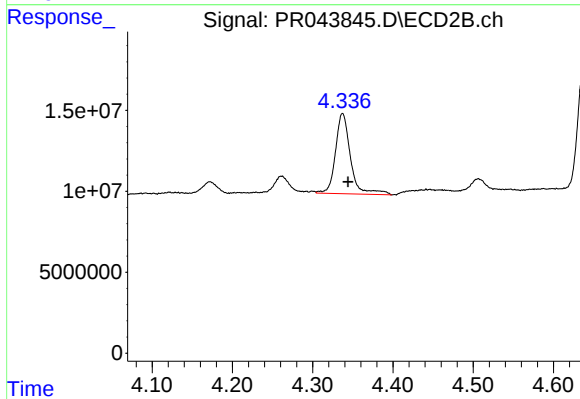
#9 AR-1221-2

R.T.: 4.262 min
Delta R.T.: -0.006 min
Response: 12215313
Conc: 199.54 ng/ml



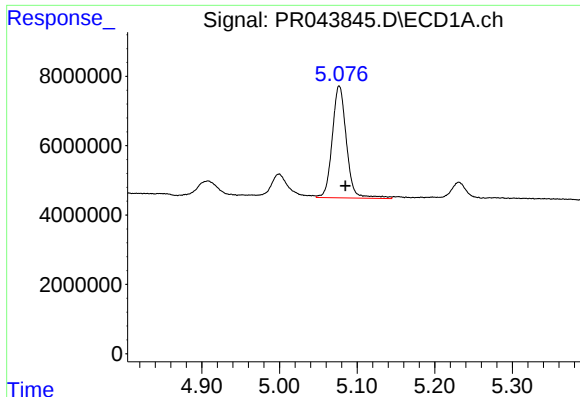
#10 AR-1221-3

R.T.: 5.077 min
Delta R.T.: -0.007 min
Response: 40985235
Conc: 298.21 ng/ml



#10 AR-1221-3

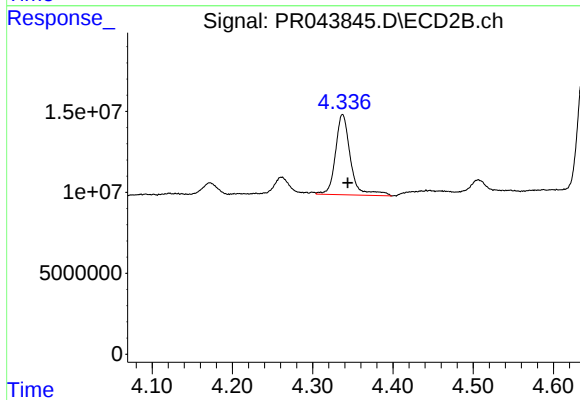
R.T.: 4.337 min
Delta R.T.: -0.007 min
Response: 64460918
Conc: 295.06 ng/ml



#11 AR-1232-1

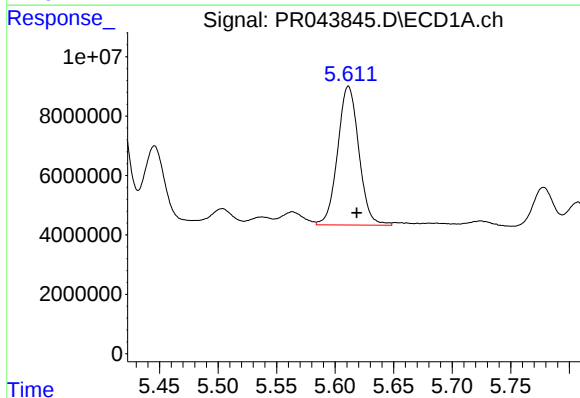
R.T.: 5.077 min
Delta R.T.: -0.008 min
Response: 40985235
Conc: 381.29 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660376



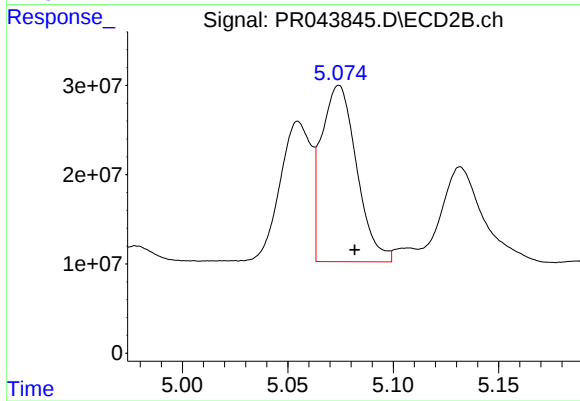
#11 AR-1232-1

R.T.: 4.337 min
Delta R.T.: -0.007 min
Response: 64460918
Conc: 382.12 ng/ml



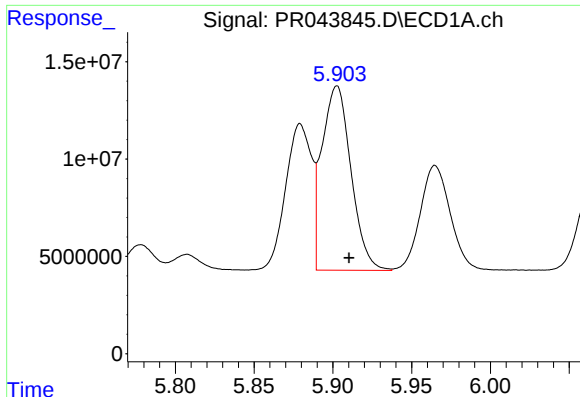
#12 AR-1232-2

R.T.: 5.611 min
Delta R.T.: -0.007 min
Response: 58818967
Conc: 1062.75 ng/ml



#12 AR-1232-2

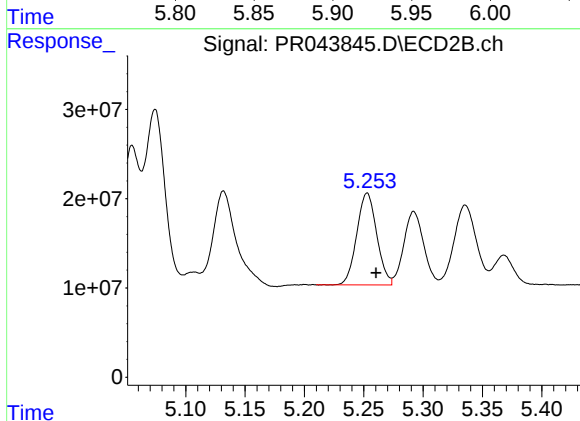
R.T.: 5.074 min
Delta R.T.: -0.007 min
Response: 229076575
Conc: 981.71 ng/ml



#13 AR-1232-3

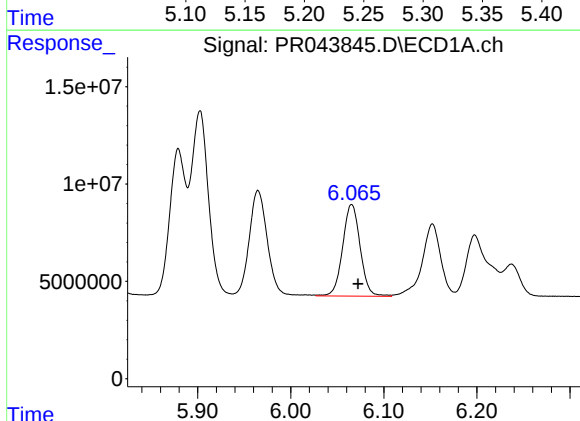
R.T.: 5.903 min
Delta R.T.: -0.008 min
Response: 121603257
Conc: 1072.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660376



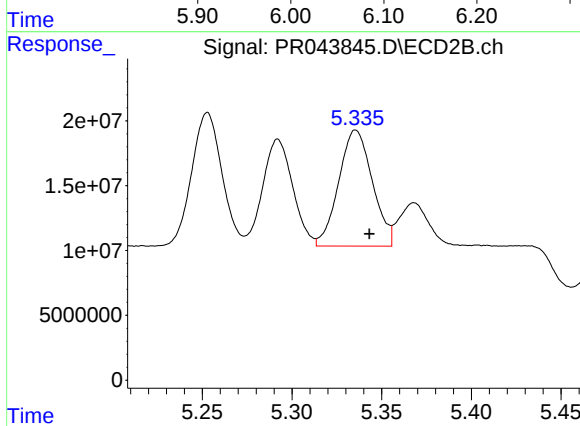
#13 AR-1232-3

R.T.: 5.253 min
Delta R.T.: -0.007 min
Response: 120608111
Conc: 985.58 ng/ml



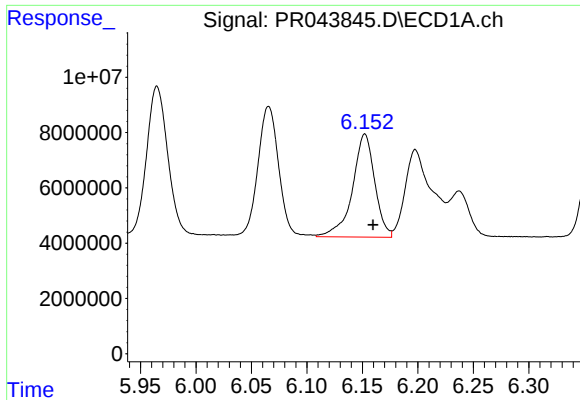
#14 AR-1232-4

R.T.: 6.065 min
Delta R.T.: -0.007 min
Response: 61573157
Conc: 1059.32 ng/ml



#14 AR-1232-4

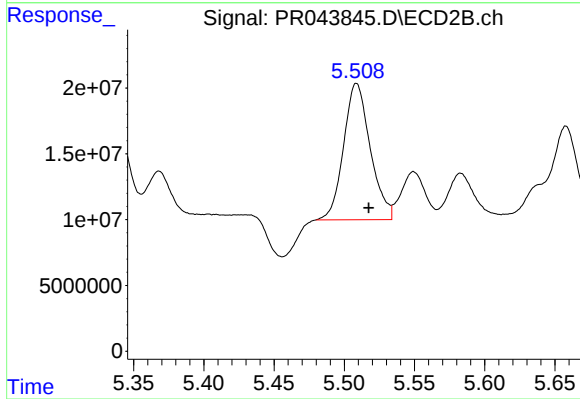
R.T.: 5.336 min
Delta R.T.: -0.008 min
Response: 116923479
Conc: 1101.49 ng/ml



#15 AR-1232-5

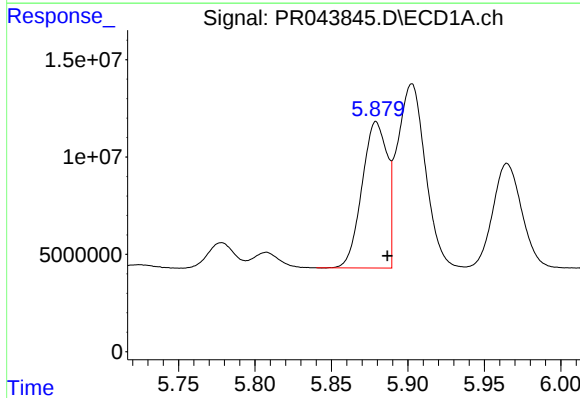
R.T.: 6.152 min
Delta R.T.: -0.007 min
Response: 52143271
Conc: 1167.84 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660376



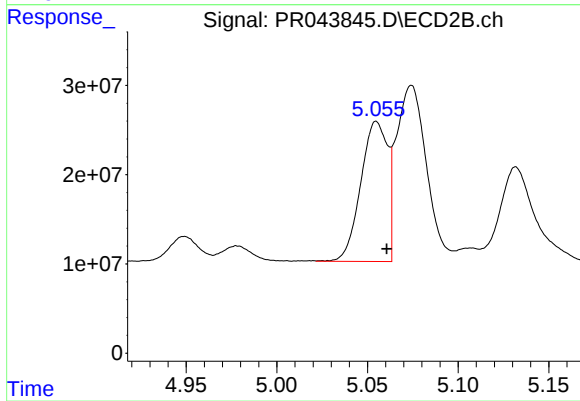
#15 AR-1232-5

R.T.: 5.509 min
Delta R.T.: -0.009 min
Response: 136866847
Conc: 1143.04 ng/ml



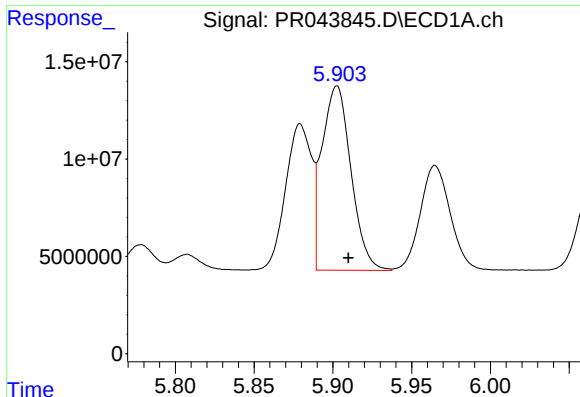
#16 AR-1242-1

R.T.: 5.879 min
Delta R.T.: -0.007 min
Response: 85976303
Conc: 528.90 ng/ml



#16 AR-1242-1

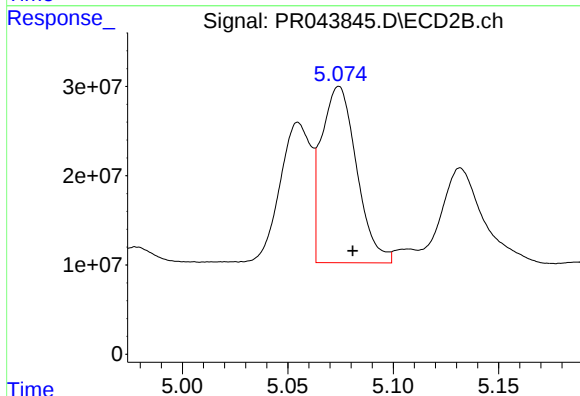
R.T.: 5.055 min
Delta R.T.: -0.006 min
Response: 161803519
Conc: 489.37 ng/ml



#17 AR-1242-2

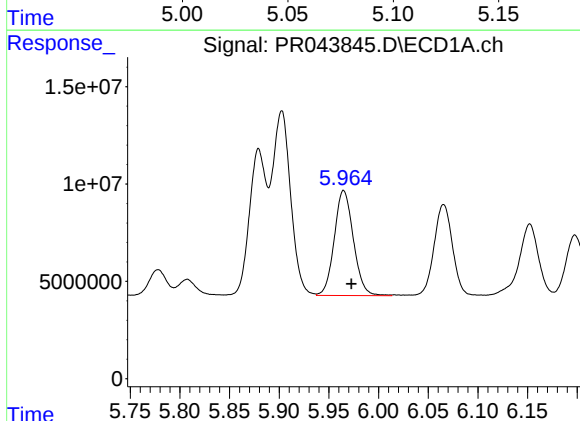
R.T.: 5.903 min
Delta R.T.: -0.007 min
Response: 121603257
Conc: 533.07 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660376



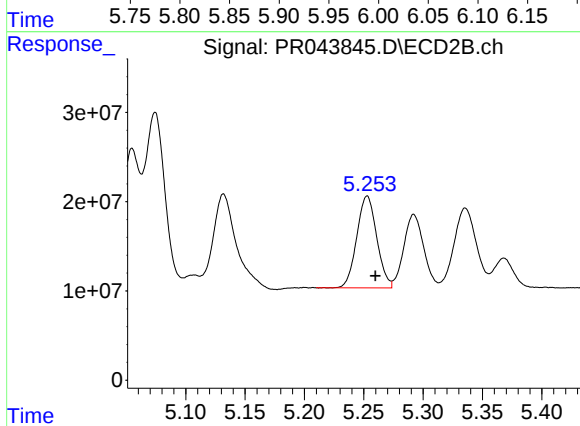
#17 AR-1242-2

R.T.: 5.074 min
Delta R.T.: -0.007 min
Response: 229076575
Conc: 501.10 ng/ml



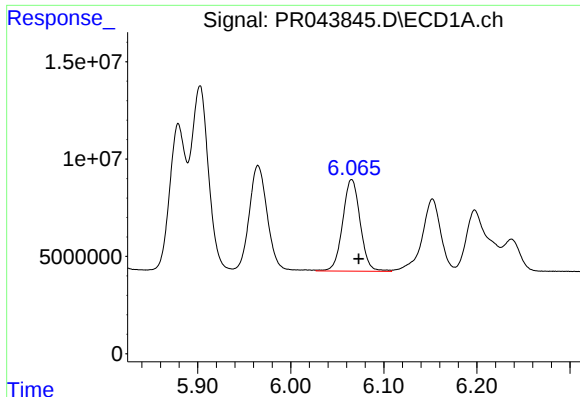
#18 AR-1242-3

R.T.: 5.965 min
Delta R.T.: -0.008 min
Response: 72199820
Conc: 524.90 ng/ml



#18 AR-1242-3

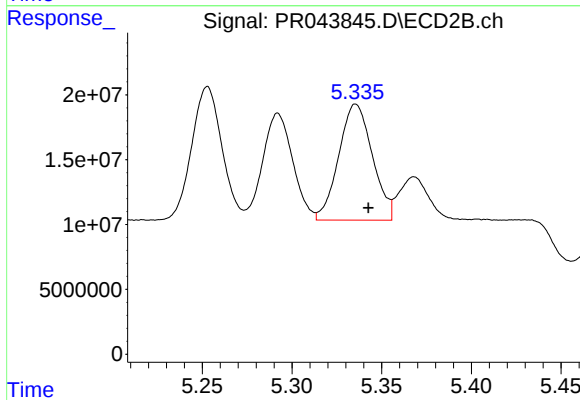
R.T.: 5.253 min
Delta R.T.: -0.007 min
Response: 120608111
Conc: 494.87 ng/ml



#19 AR-1242-4

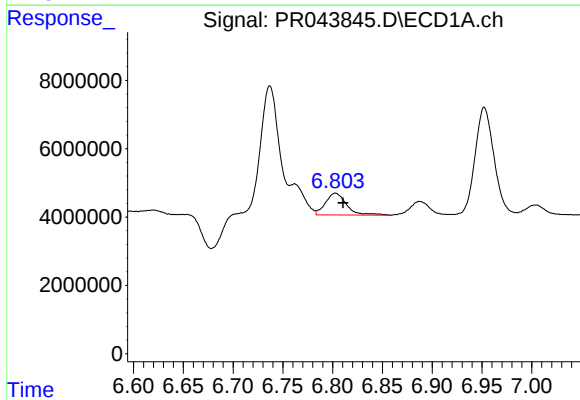
R.T.: 6.065 min
Delta R.T.: -0.007 min
Response: 61573157
Conc: 536.41 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660376



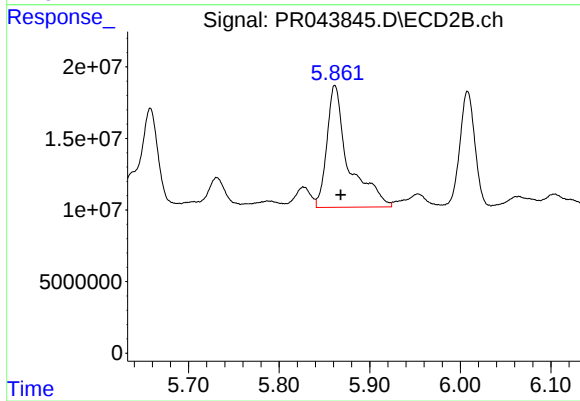
#19 AR-1242-4

R.T.: 5.336 min
Delta R.T.: -0.007 min
Response: 116923479
Conc: 496.33 ng/ml



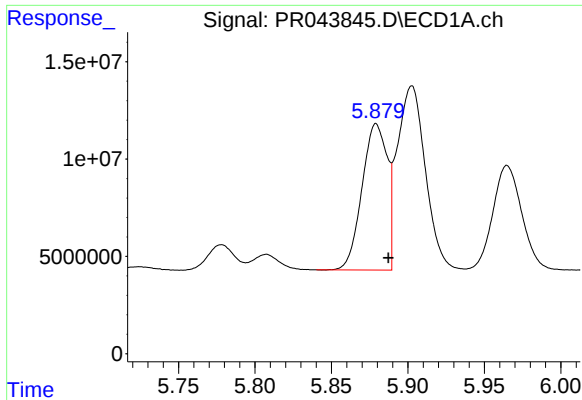
#20 AR-1242-5

R.T.: 6.803 min
Delta R.T.: -0.008 min
Response: 9519951
Conc: 74.84 ng/ml



#20 AR-1242-5

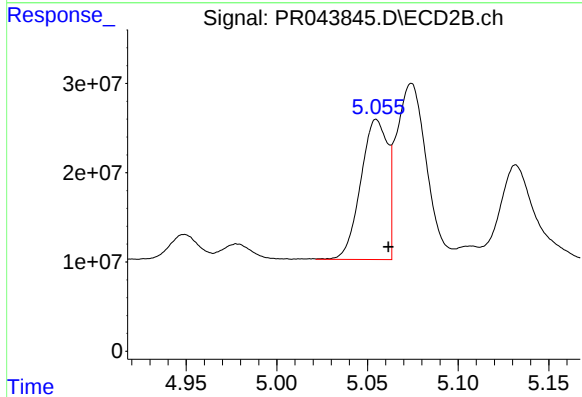
R.T.: 5.862 min
Delta R.T.: -0.006 min
Response: 142057841
Conc: 416.72 ng/ml



#21 AR-1248-1

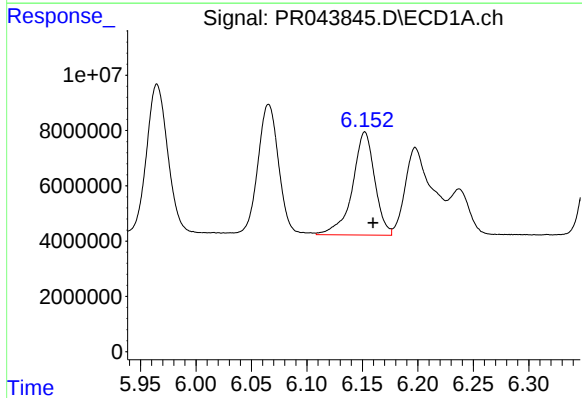
R.T.: 5.879 min
Delta R.T.: -0.008 min
Response: 85976303
Conc: 724.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660376



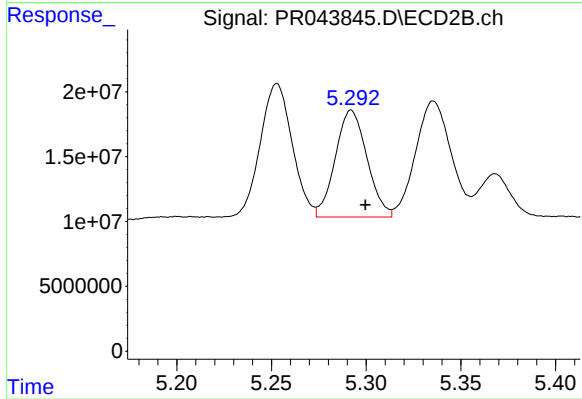
#21 AR-1248-1

R.T.: 5.055 min
Delta R.T.: -0.007 min
Response: 161803519
Conc: 661.23 ng/ml



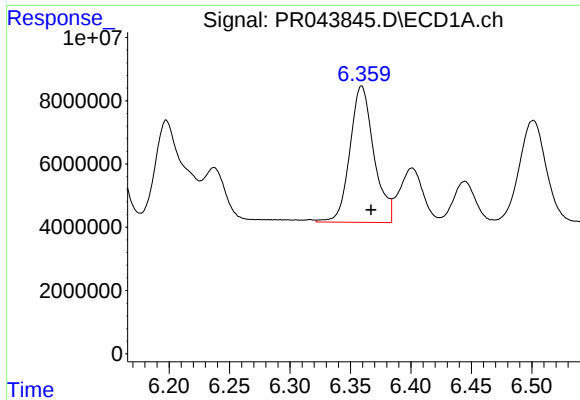
#22 AR-1248-2

R.T.: 6.152 min
Delta R.T.: -0.007 min
Response: 52143271
Conc: 320.05 ng/ml



#22 AR-1248-2

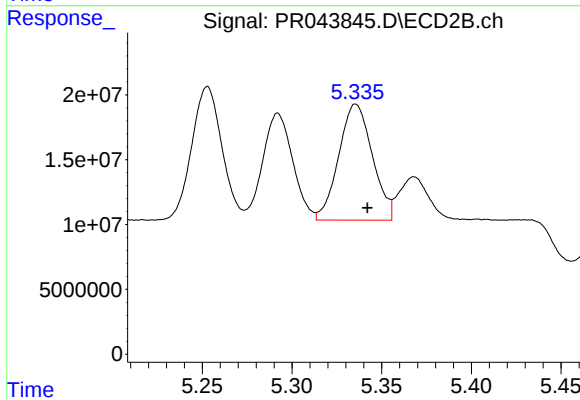
R.T.: 5.292 min
Delta R.T.: -0.008 min
Response: 96066292
Conc: 296.25 ng/ml



#23 AR-1248-3

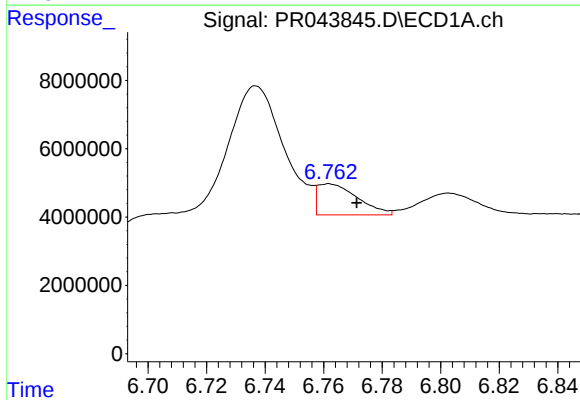
R.T.: 6.359 min
Delta R.T.: -0.008 min
Response: 59492889
Conc: 327.65 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660376



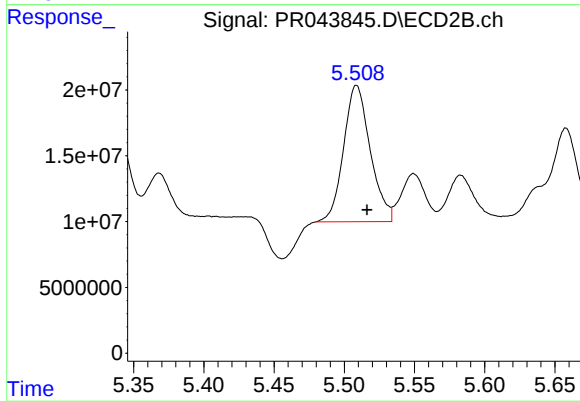
#23 AR-1248-3

R.T.: 5.336 min
Delta R.T.: -0.006 min
Response: 116923479
Conc: 355.02 ng/ml



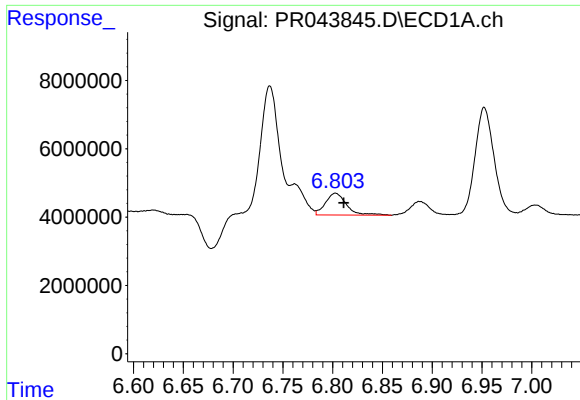
#24 AR-1248-4

R.T.: 6.762 min
Delta R.T.: -0.010 min
Response: 8654157
Conc: 41.34 ng/ml



#24 AR-1248-4

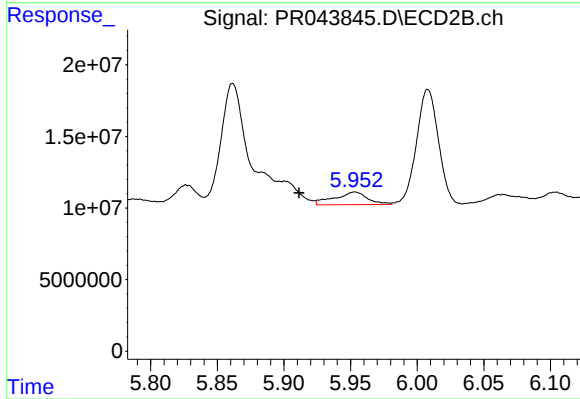
R.T.: 5.509 min
Delta R.T.: -0.008 min
Response: 136866847
Conc: 330.12 ng/ml



#25 AR-1248-5

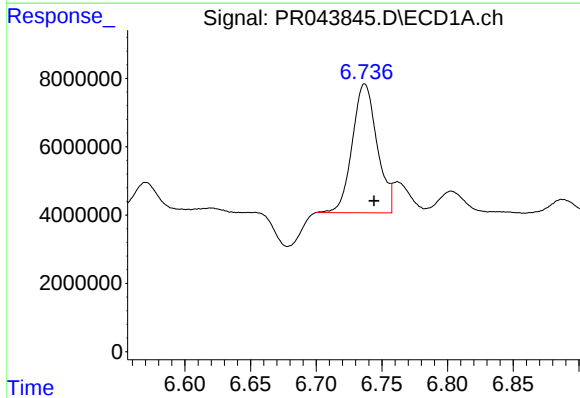
R.T.: 6.803 min
Delta R.T.: -0.008 min
Response: 9519951
Conc: 47.95 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660376



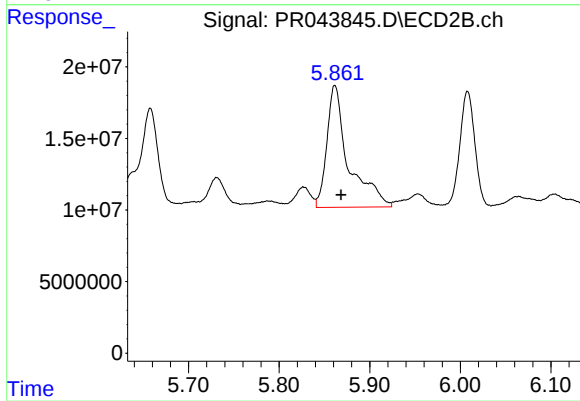
#25 AR-1248-5

R.T.: 5.953 min
Delta R.T.: 0.042 min
Response: 15379816
Conc: 34.60 ng/ml



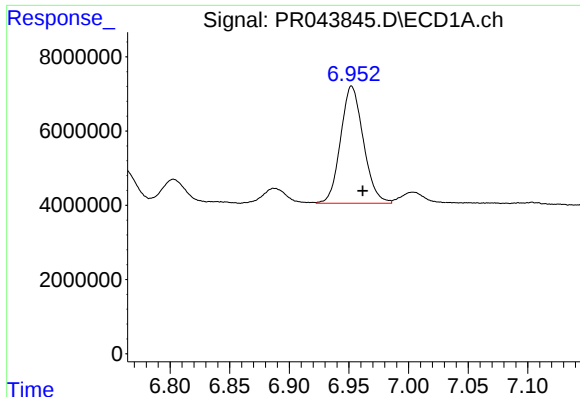
#26 AR-1254-1

R.T.: 6.737 min
Delta R.T.: -0.007 min
Response: 49616914
Conc: 227.01 ng/ml



#26 AR-1254-1

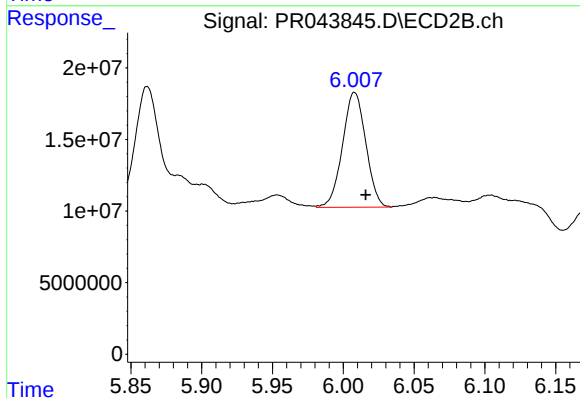
R.T.: 5.862 min
Delta R.T.: -0.007 min
Response: 142057841
Conc: 199.39 ng/ml



#27 AR-1254-2

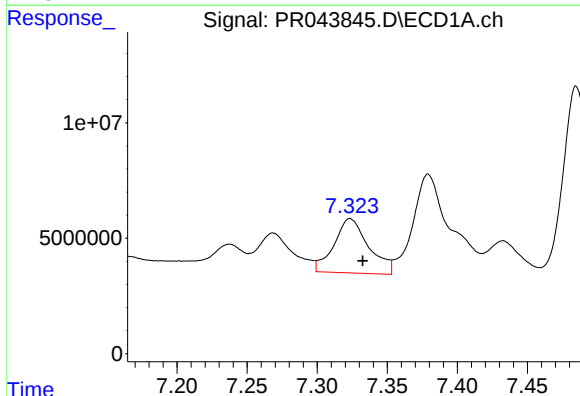
R.T.: 6.952 min
Delta R.T.: -0.009 min
Response: 41992478
Conc: 124.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660376



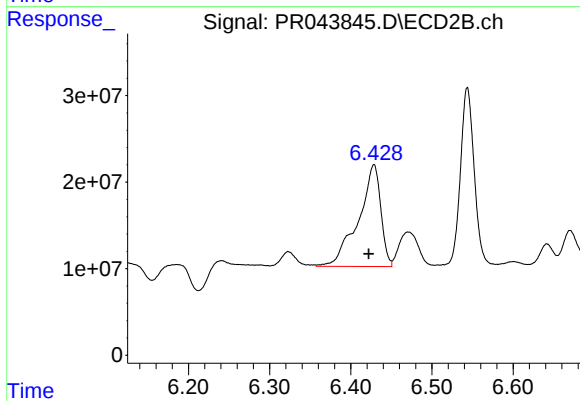
#27 AR-1254-2

R.T.: 6.008 min
Delta R.T.: -0.008 min
Response: 91896266
Conc: 143.67 ng/ml



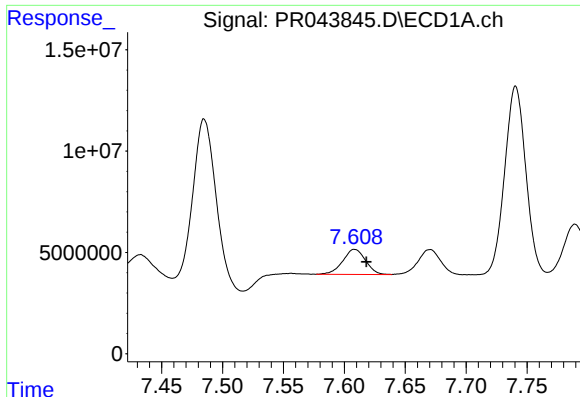
#28 AR-1254-3

R.T.: 7.323 min
Delta R.T.: -0.009 min
Response: 40626204
Conc: 116.15 ng/ml



#28 AR-1254-3

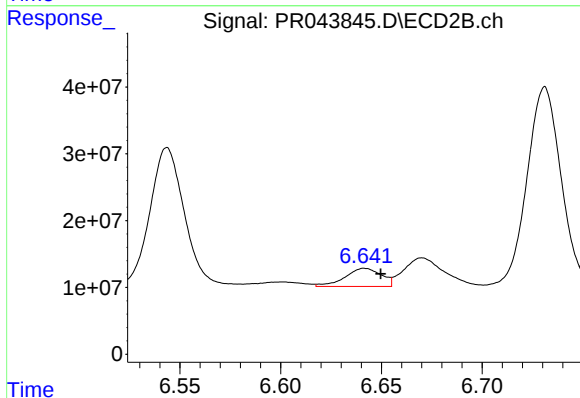
R.T.: 6.429 min
Delta R.T.: 0.006 min
Response: 226101146
Conc: 223.36 ng/ml



#29 AR-1254-4

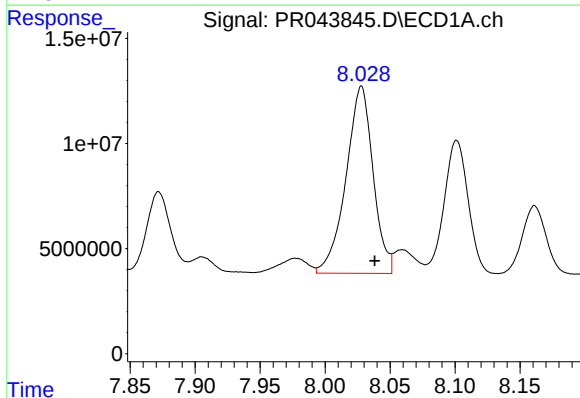
R.T.: 7.608 min
Delta R.T.: -0.010 min
Response: 16071258
Conc: 64.32 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660376



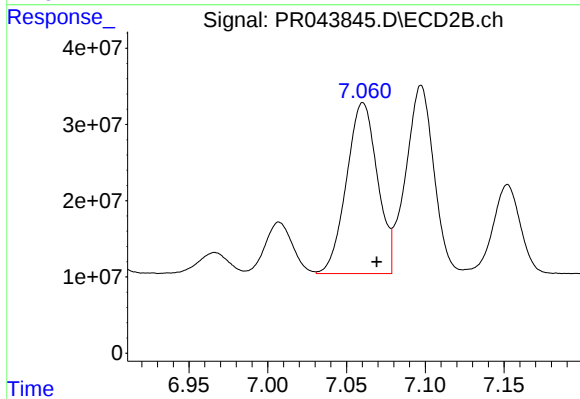
#29 AR-1254-4

R.T.: 6.642 min
Delta R.T.: -0.008 min
Response: 33949722
Conc: 47.15 ng/ml



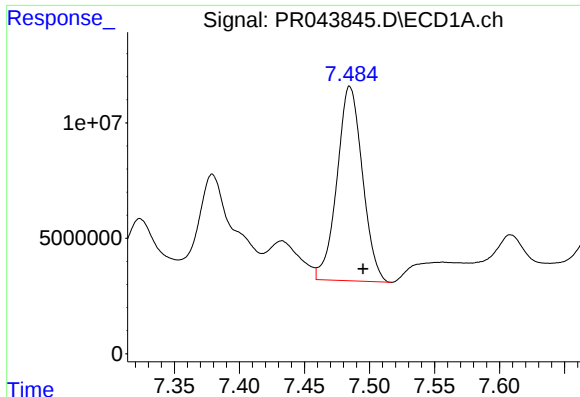
#30 AR-1254-5

R.T.: 8.028 min
Delta R.T.: -0.010 min
Response: 129228073
Conc: 501.47 ng/ml



#30 AR-1254-5

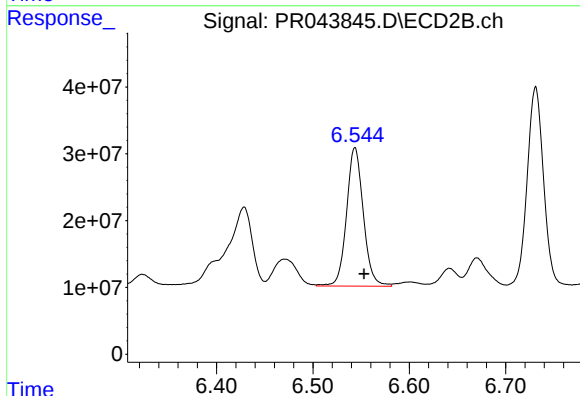
R.T.: 7.060 min
Delta R.T.: -0.009 min
Response: 306756603
Conc: 360.09 ng/ml



#31 AR-1260-1

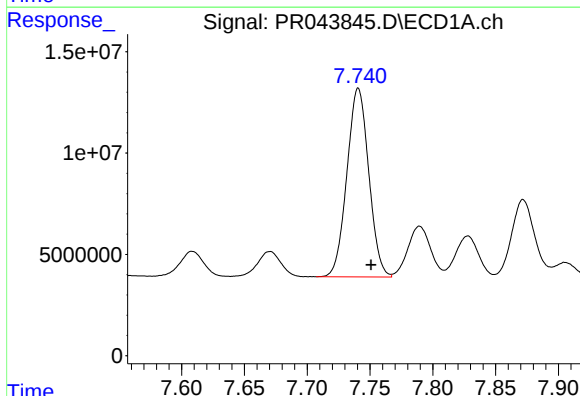
R.T.: 7.485 min
Delta R.T.: -0.010 min
Response: 114554294
Conc: 459.71 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660376



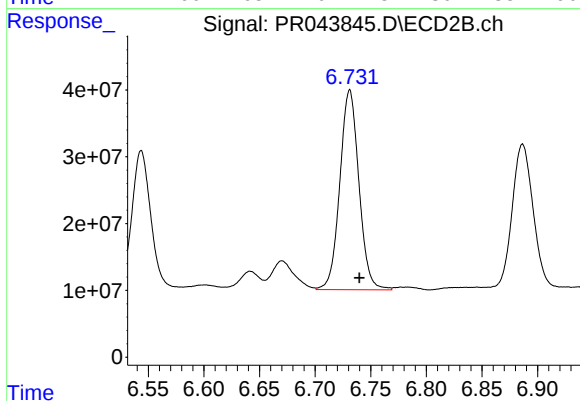
#31 AR-1260-1

R.T.: 6.544 min
Delta R.T.: -0.009 min
Response: 250030338
Conc: 369.05 ng/ml



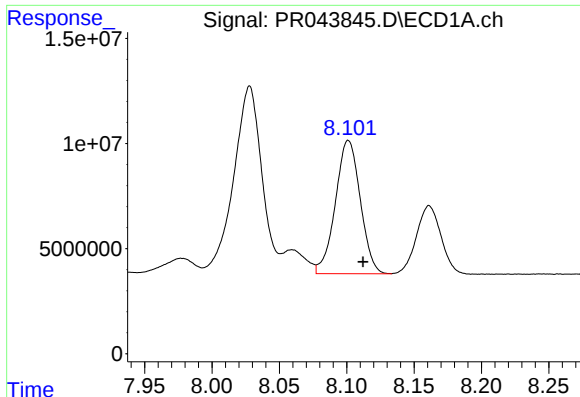
#32 AR-1260-2

R.T.: 7.741 min
Delta R.T.: -0.010 min
Response: 112820323
Conc: 379.74 ng/ml



#32 AR-1260-2

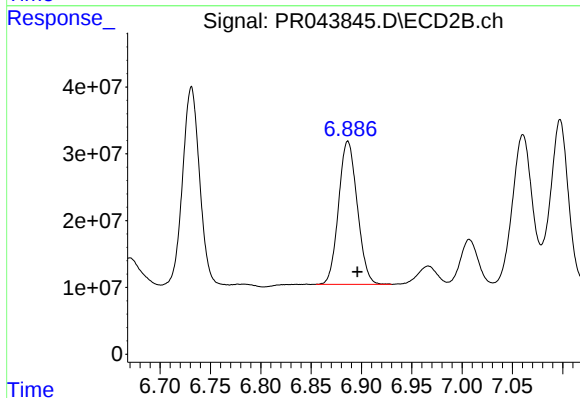
R.T.: 6.731 min
Delta R.T.: -0.009 min
Response: 357184989
Conc: 368.66 ng/ml



#33 AR-1260-3

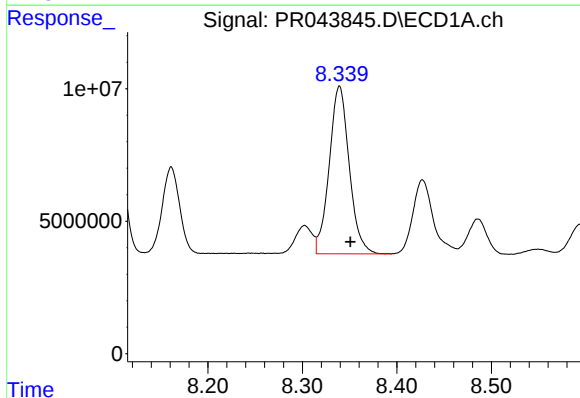
R.T.: 8.101 min
Delta R.T.: -0.011 min
Response: 81559200
Conc: 368.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660376



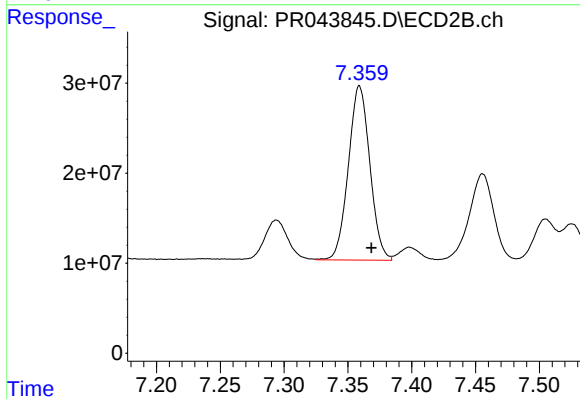
#33 AR-1260-3

R.T.: 6.887 min
Delta R.T.: -0.009 min
Response: 277015710
Conc: 354.72 ng/ml



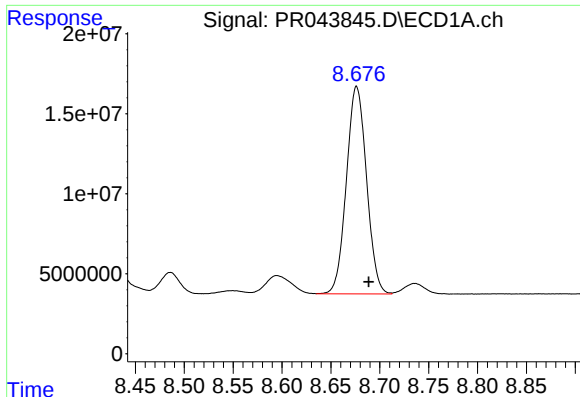
#34 AR-1260-4

R.T.: 8.339 min
Delta R.T.: -0.012 min
Response: 93234080
Conc: 370.66 ng/ml



#34 AR-1260-4

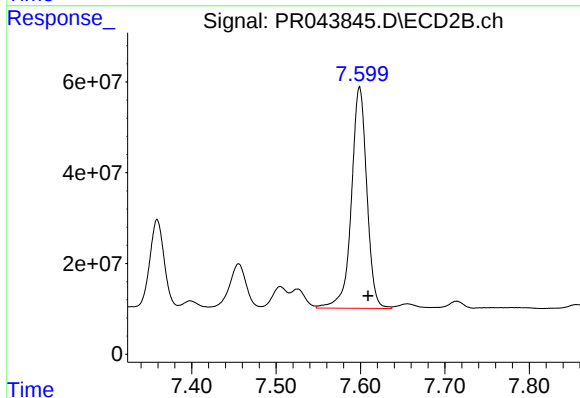
R.T.: 7.359 min
Delta R.T.: -0.009 min
Response: 227145510
Conc: 358.04 ng/ml



#35 AR-1260-5

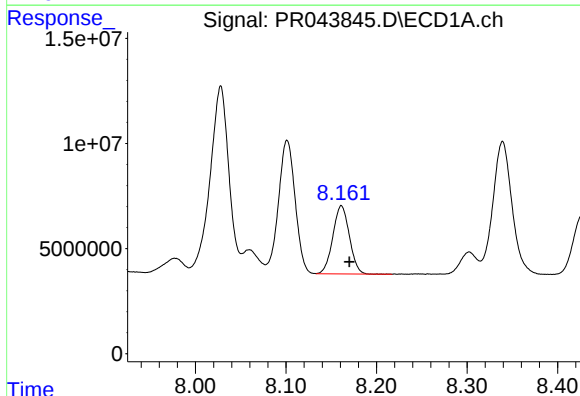
R.T.: 8.676 min
Delta R.T.: -0.012 min
Response: 186169620
Conc: 386.07 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660376



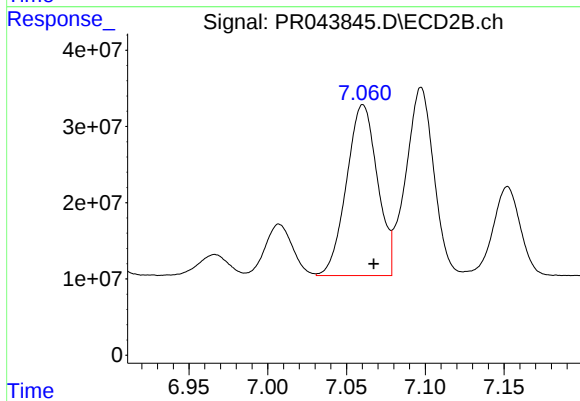
#35 AR-1260-5

R.T.: 7.599 min
Delta R.T.: -0.010 min
Response: 621025622
Conc: 364.85 ng/ml



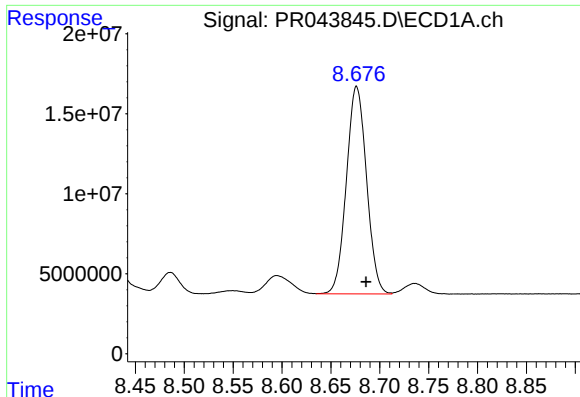
#36 AR-1262-1

R.T.: 8.161 min
Delta R.T.: -0.009 min
Response: 41139215
Conc: 309.02 ng/ml



#36 AR-1262-1

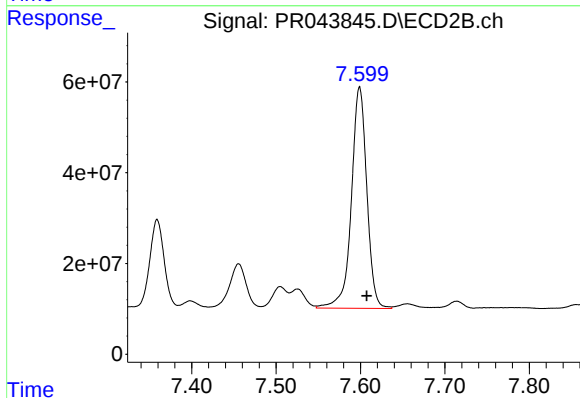
R.T.: 7.060 min
Delta R.T.: -0.007 min
Response: 306756603
Conc: 620.35 ng/ml



#37 AR-1262-2

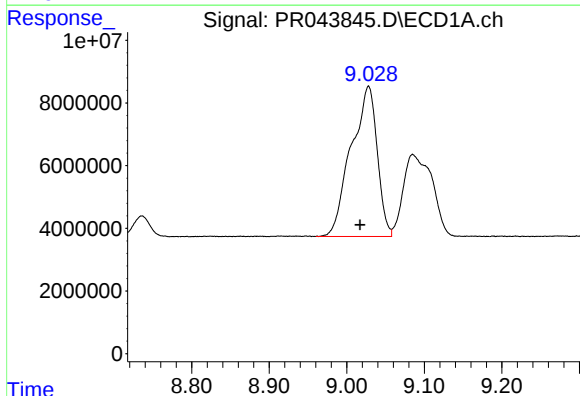
R.T.: 8.676 min
Delta R.T.: -0.010 min
Response: 186169620
Conc: 326.84 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660376



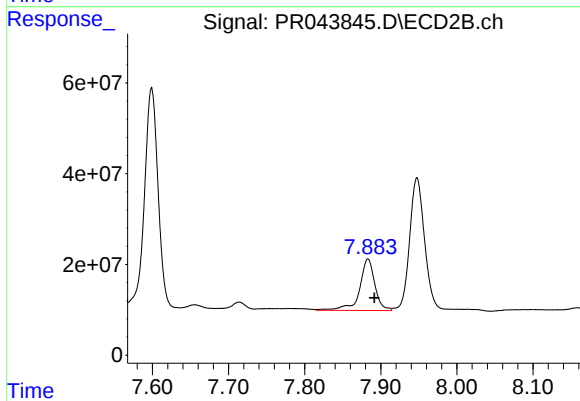
#37 AR-1262-2

R.T.: 7.599 min
Delta R.T.: -0.008 min
Response: 621025622
Conc: 326.41 ng/ml



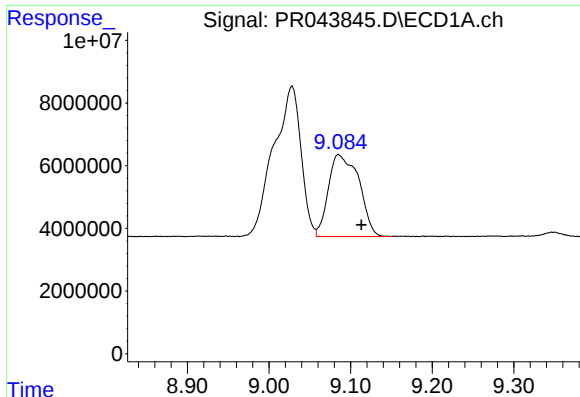
#38 AR-1262-3

R.T.: 9.028 min
Delta R.T.: 0.011 min
Response: 111834517
Conc: 308.90 ng/ml



#38 AR-1262-3

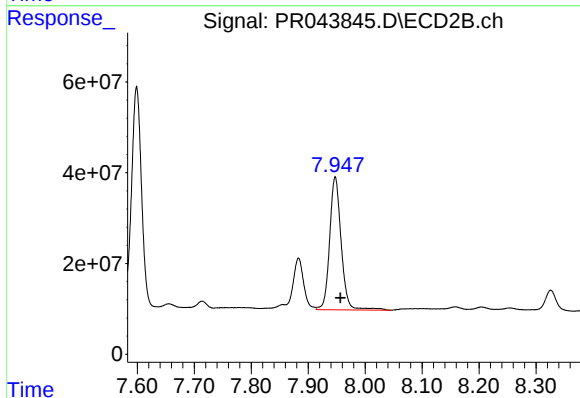
R.T.: 7.883 min
Delta R.T.: -0.008 min
Response: 158169152
Conc: 207.36 ng/ml



#39 AR-1262-4

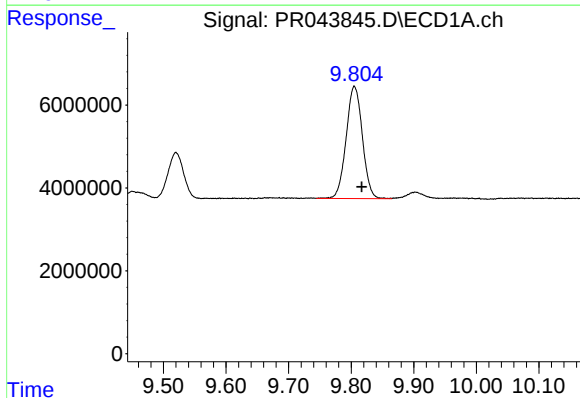
R.T.: 9.085 min
Delta R.T.: -0.028 min
Response: 67942150
Conc: 255.27 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660376



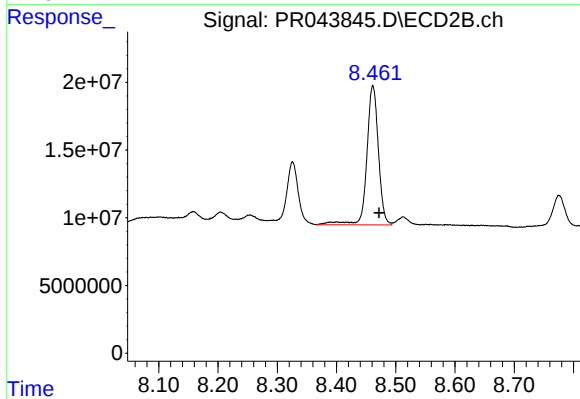
#39 AR-1262-4

R.T.: 7.948 min
Delta R.T.: -0.009 min
Response: 413368707
Conc: 333.00 ng/ml



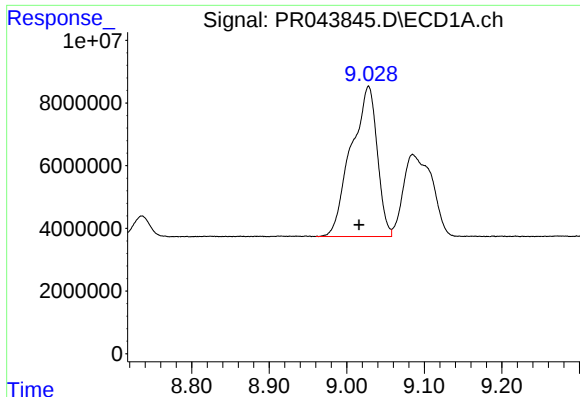
#40 AR-1262-5

R.T.: 9.805 min
Delta R.T.: -0.012 min
Response: 48743284
Conc: 258.85 ng/ml



#40 AR-1262-5

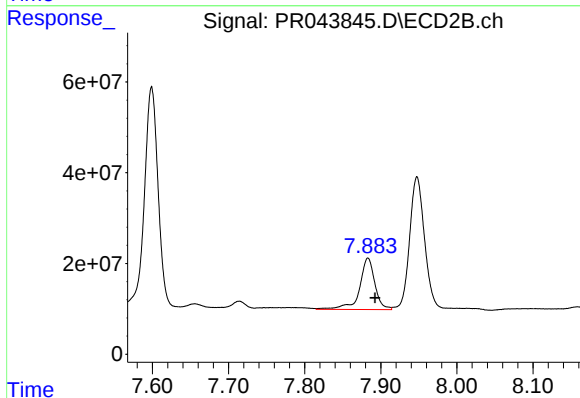
R.T.: 8.461 min
Delta R.T.: -0.010 min
Response: 140170734
Conc: 245.94 ng/ml



#41 AR-1268-1

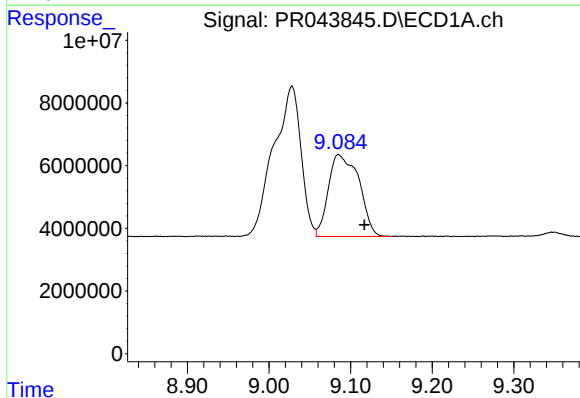
R.T.: 9.028 min
Delta R.T.: 0.012 min
Response: 111834517
Conc: 174.76 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660376



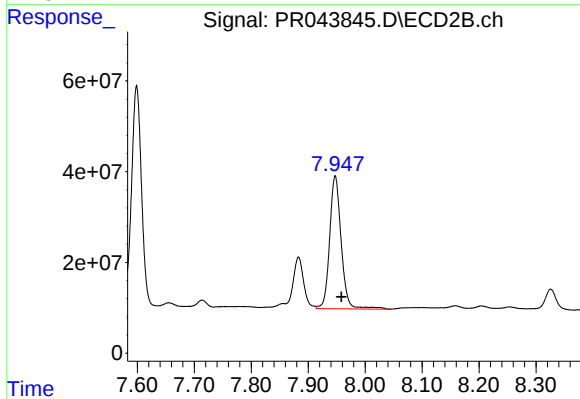
#41 AR-1268-1

R.T.: 7.883 min
Delta R.T.: -0.010 min
Response: 158169152
Conc: 73.70 ng/ml



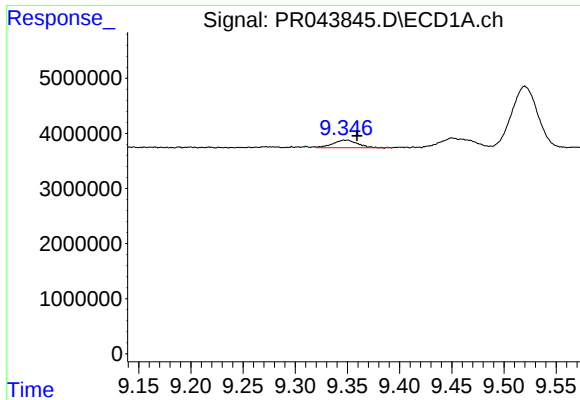
#42 AR-1268-2

R.T.: 9.085 min
Delta R.T.: -0.032 min
Response: 67942150
Conc: 117.92 ng/ml



#42 AR-1268-2

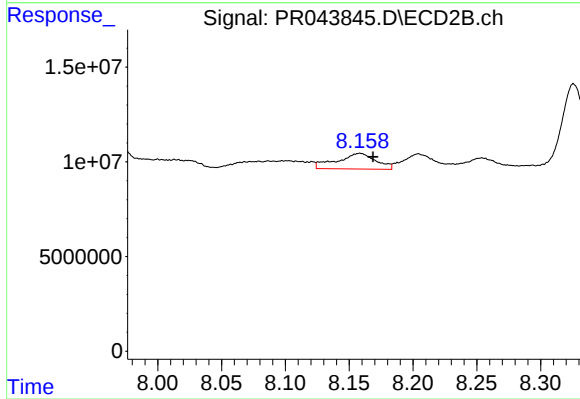
R.T.: 7.948 min
Delta R.T.: -0.011 min
Response: 413368707
Conc: 227.83 ng/ml



#43 AR-1268-3

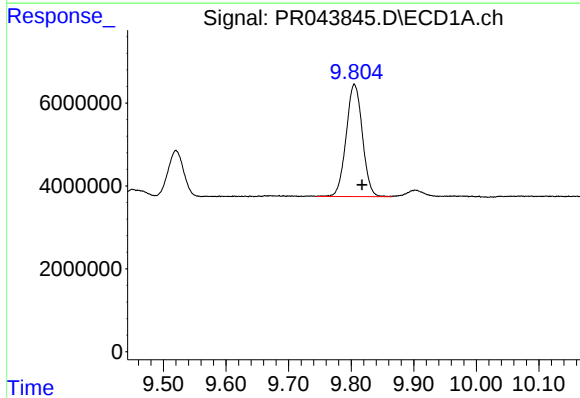
R.T.: 9.348 min
Delta R.T.: -0.012 min
Response: 2296668
Conc: 4.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660376



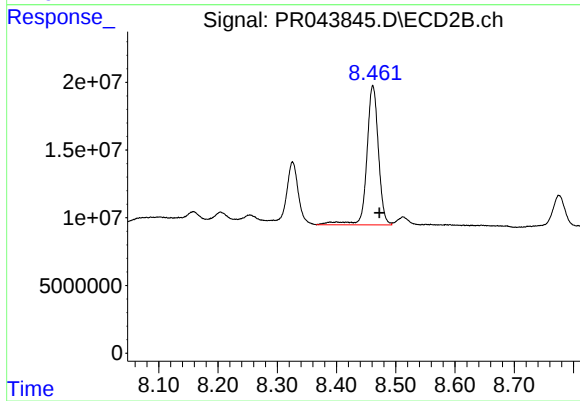
#43 AR-1268-3

R.T.: 8.159 min
Delta R.T.: -0.010 min
Response: 17538511
Conc: 11.39 ng/ml



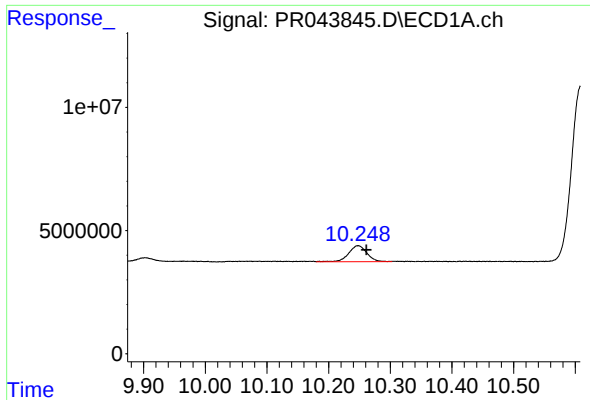
#44 AR-1268-4

R.T.: 9.805 min
Delta R.T.: -0.012 min
Response: 48743284
Conc: 238.56 ng/ml



#44 AR-1268-4

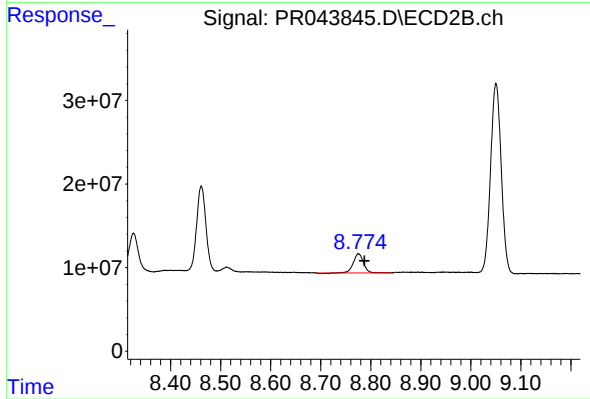
R.T.: 8.461 min
Delta R.T.: -0.011 min
Response: 140170734
Conc: 228.58 ng/ml



#45 AR-1268-5

R.T.: 10.248 min
Delta R.T.: -0.013 min
Response: 13456543
Conc: 8.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660376



#45 AR-1268-5

R.T.: 8.776 min
Delta R.T.: -0.012 min
Response: 32893767
Conc: 7.77 ng/ml