

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0050719\
 Data File : P0055940.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 07 May 2019 17:06
 Operator : SM/SJ
 Sample : K2673-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 SB-11-COMP

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 08 04:05:33 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0050319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 03 15:20:04 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.274	3.589	902121	925416	30.145	32.766
2)	SA Decachlor...	9.869	8.537	692611	469265	18.511	17.353
Target Compounds							
3)	L1 AR-1016-1	5.436	4.660	86358	69869	60.768	51.989
4)	L1 AR-1016-2	5.456	4.678	245243	181632	123.930	99.473
5)	L1 AR-1016-3	5.498	4.853	61352	142950	47.866	142.646 #
6)	L1 AR-1016-4	5.614	4.893	146429	138915	140.093	170.734
7)	L1 AR-1016-5	5.908	5.104	235545	317937	209.091	288.809 #
9)	L2 AR-1221-2	0.000	3.885	0	24129	N.D.	86.998 #
10)	L2 AR-1221-3	4.660	3.955	39656	31079	39.435	34.979
11)	L3 AR-1232-1	4.660	3.955	39656	31079	46.170	41.994
12)	L3 AR-1232-2	5.168	4.678	135057	181632	278.401	207.236 #
13)	L3 AR-1232-3	5.456	4.853	245243	142950	253.484	298.017
14)	L3 AR-1232-4	5.614	4.934	146429	116949	287.939	275.327
15)	L3 AR-1232-5	5.704	5.104	257850	317937	593.887	656.074
16)	L4 AR-1242-1	5.436	4.660	86358	69869	71.323	62.349
17)	L4 AR-1242-2	5.456	4.678	245243	181632	145.252	119.381
18)	L4 AR-1242-3	5.498	4.853	61352	142950	56.001	165.066 #
19)	L4 AR-1242-4	5.614	4.934	146429	116949	162.731	139.607
20)	L4 AR-1242-5	6.347	5.456	302017	515091	276.074	429.101 #
21)	L5 AR-1248-1	5.436	4.660	86358	69869	95.411	83.324
22)	L5 AR-1248-2	5.704	4.893	257850	138915	193.346	126.428 #
23)	L5 AR-1248-3	5.908	4.934	235545	116949	159.505	103.025 #
24)	L5 AR-1248-4	6.308	5.104	229862	317937	131.822	226.423 #
25)	L5 AR-1248-5	6.347	5.490	302017	183780	180.813	122.707 #
26)	L6 AR-1254-1	6.285	5.456	558176	515091	265.819	192.462 #
27)	L6 AR-1254-2	6.502	5.599	619680	170867	186.717	69.950 #
28)	L6 AR-1254-3	6.871	6.000	621134	296062	170.851	74.620 #
29)	L6 AR-1254-4	7.148	6.226	136711	108144	50.249	40.334
30)	L6 AR-1254-5	7.564	6.640	287910	276088	100.453	76.295
31)	L7 AR-1260-1	7.025	6.127	166761	207525	77.222	94.193
32)	L7 AR-1260-2	7.278	6.312	1069902	184306	408.533	60.357 #
33)	L7 AR-1260-3	7.637	6.466	104827	122167	52.414	49.023
34)	L7 AR-1260-4	7.859	6.935	139280	73117	60.227	35.434 #
35)	L7 AR-1260-5	8.172	7.176	175073	226277	41.268	45.055
36)	L8 AR-1262-1	7.637	6.676	104827	117649	32.699	28.689
37)	L8 AR-1262-2	8.172	7.176	175073	226277	32.610	36.188
38)	L8 AR-1262-3	8.479	7.456	137123	75217	37.787	30.539
39)	L8 AR-1262-4	8.551	7.520	43098	150668	15.873	36.794 #
40)	L8 AR-1262-5	9.173	8.013	60901	71621	33.712	42.027
41)	L9 AR-1268-1	8.479	7.456	137123	75217	22.707	10.856 #
42)	L9 AR-1268-2	8.551	7.520	43098	150668	7.874	26.483 #

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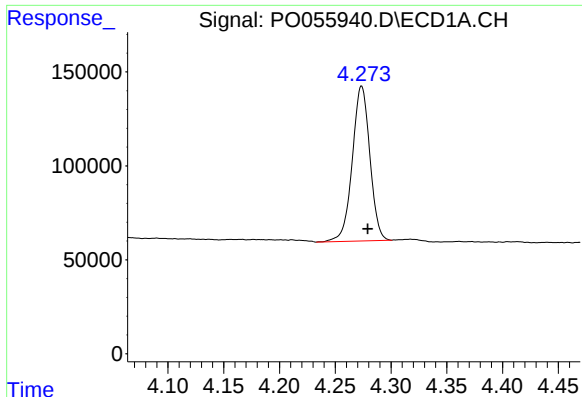
Instrument :
 ECD_O
 ClientSampleId :
 SB-11-COMP

Integration File signal 1: autoint1.e
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	0.000	7.722	0	22412	N.D.	4.745 #
44) L9	AR-1268-4	9.173	8.013	60901	71621	31.037	37.860
45) L9	AR-1268-5	9.558	8.293	64159	110288	4.756	9.056 #

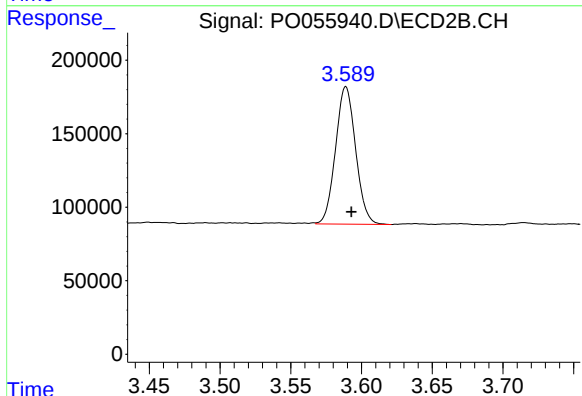
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

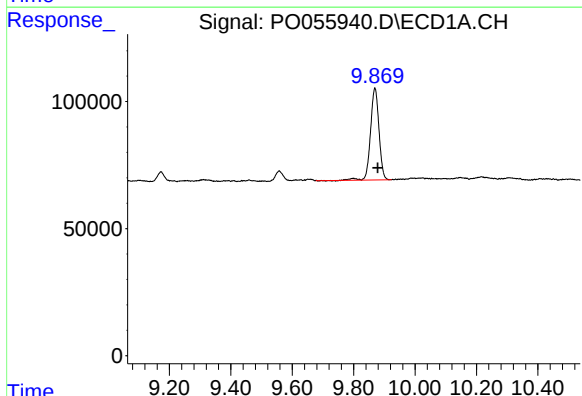
R.T.: 4.274 min
Delta R.T.: -0.005 min
Response: 902121
Conc: 30.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-11-COMP



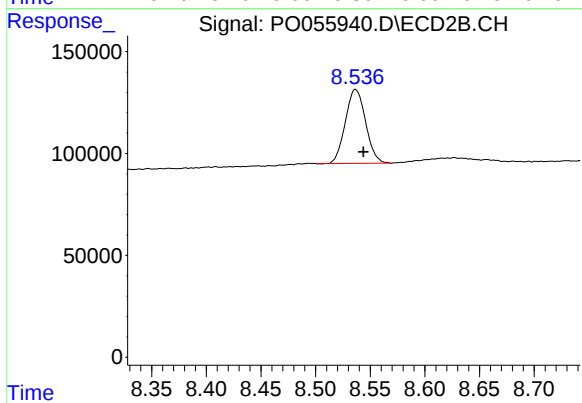
#1 Tetrachloro-m-xylene

R.T.: 3.589 min
Delta R.T.: -0.004 min
Response: 925416
Conc: 32.77 ng/ml



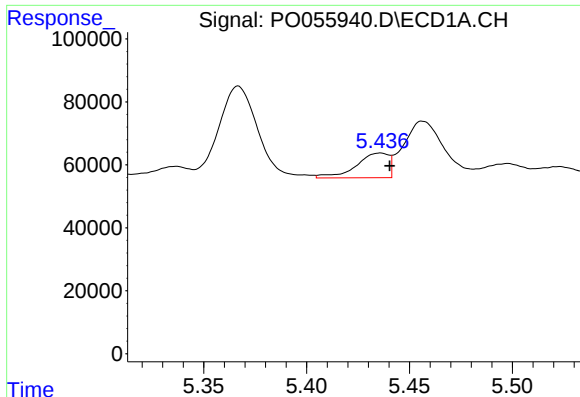
#2 Decachlorobiphenyl

R.T.: 9.869 min
Delta R.T.: -0.010 min
Response: 692611
Conc: 18.51 ng/ml



#2 Decachlorobiphenyl

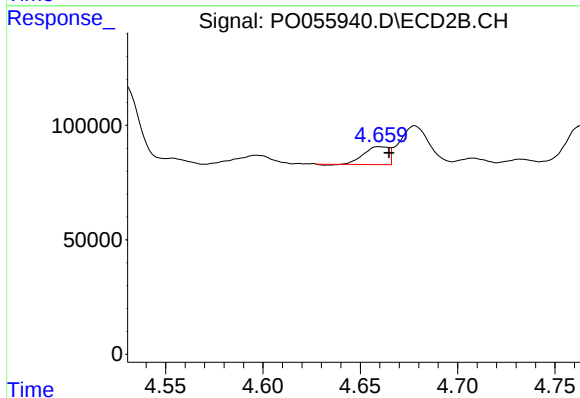
R.T.: 8.537 min
Delta R.T.: -0.007 min
Response: 469265
Conc: 17.35 ng/ml



#3 AR-1016-1

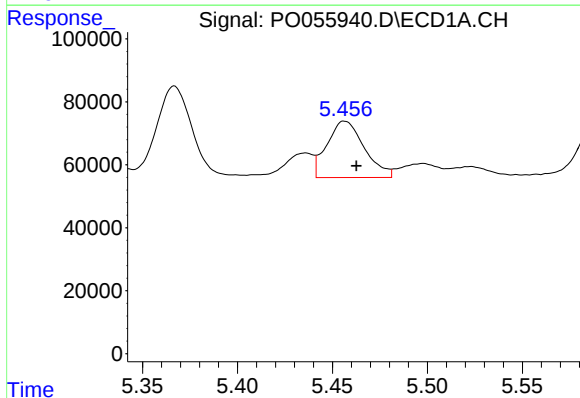
R.T.: 5.436 min
Delta R.T.: -0.005 min
Response: 86358
Conc: 60.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-11-COMP



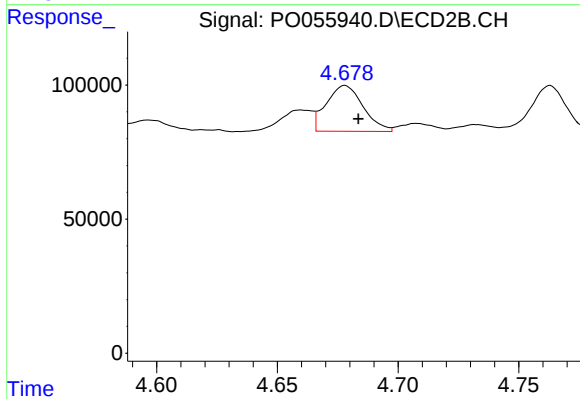
#3 AR-1016-1

R.T.: 4.660 min
Delta R.T.: -0.005 min
Response: 69869
Conc: 51.99 ng/ml



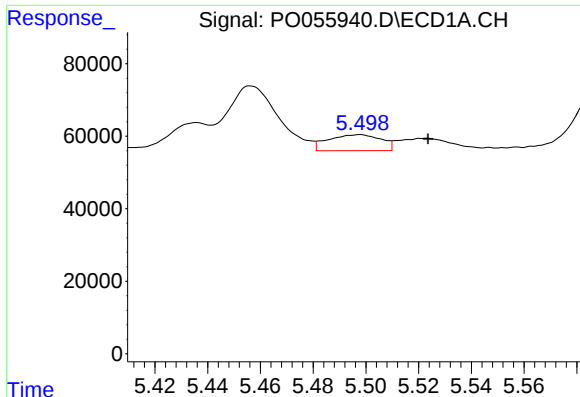
#4 AR-1016-2

R.T.: 5.456 min
Delta R.T.: -0.006 min
Response: 245243
Conc: 123.93 ng/ml



#4 AR-1016-2

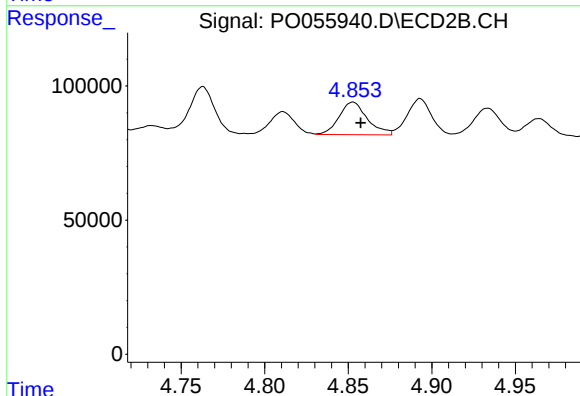
R.T.: 4.678 min
Delta R.T.: -0.006 min
Response: 181632
Conc: 99.47 ng/ml



#5 AR-1016-3

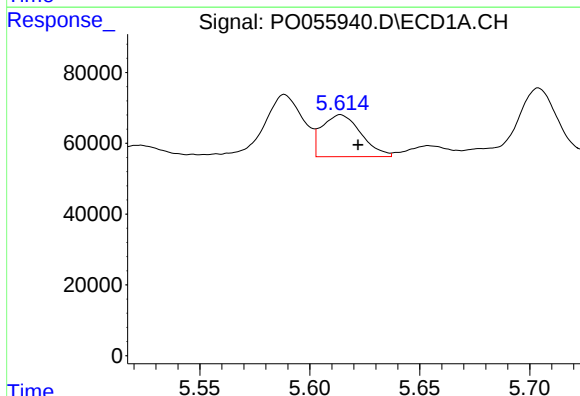
R.T.: 5.498 min
Delta R.T.: -0.026 min
Response: 61352
Conc: 47.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-11-COMP



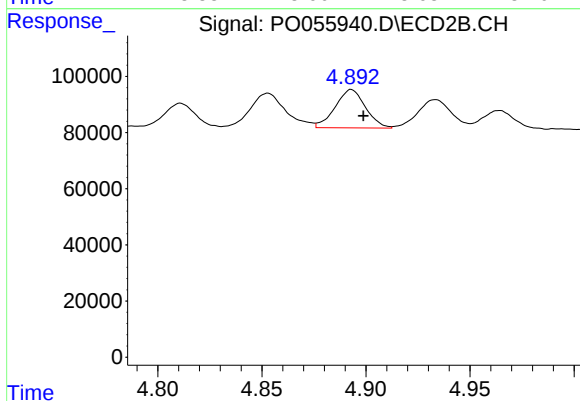
#5 AR-1016-3

R.T.: 4.853 min
Delta R.T.: -0.004 min
Response: 142950
Conc: 142.65 ng/ml



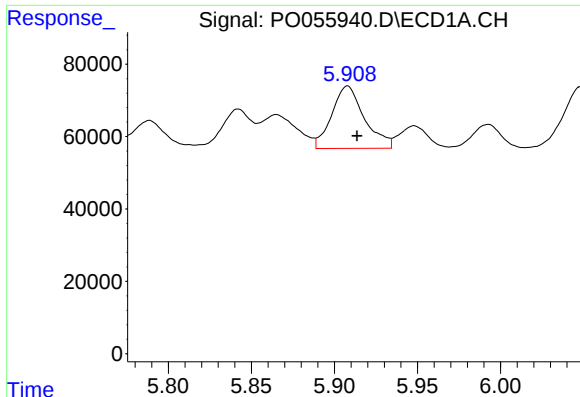
#6 AR-1016-4

R.T.: 5.614 min
Delta R.T.: -0.008 min
Response: 146429
Conc: 140.09 ng/ml



#6 AR-1016-4

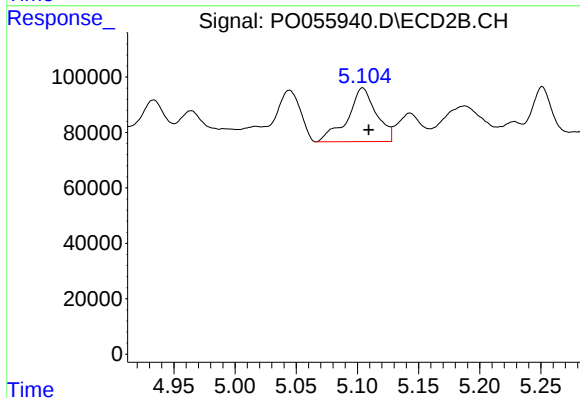
R.T.: 4.893 min
Delta R.T.: -0.006 min
Response: 138915
Conc: 170.73 ng/ml



#7 AR-1016-5

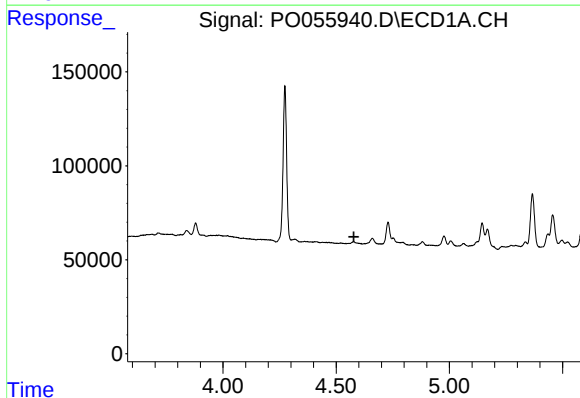
R.T.: 5.908 min
Delta R.T.: -0.006 min
Response: 235545
Conc: 209.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-11-COMP



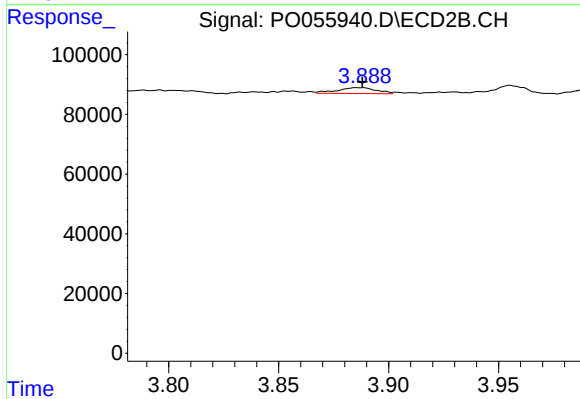
#7 AR-1016-5

R.T.: 5.104 min
Delta R.T.: -0.005 min
Response: 317937
Conc: 288.81 ng/ml



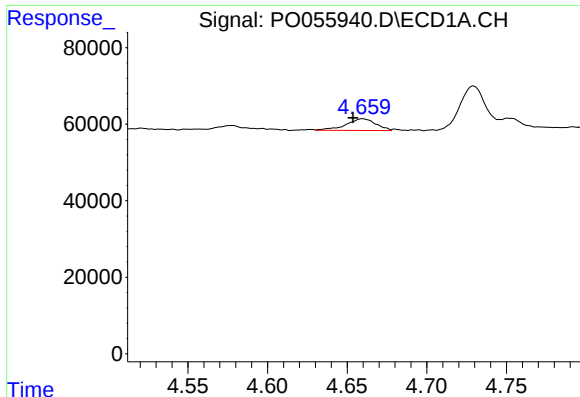
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.578 min
Response: 0
Conc: N.D.



#9 AR-1221-2

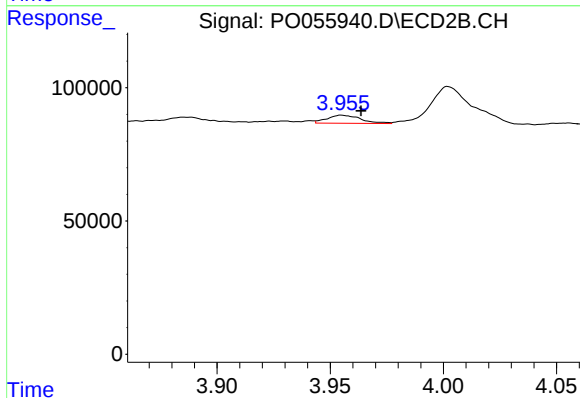
R.T.: 3.885 min
Delta R.T.: -0.003 min
Response: 24129
Conc: 87.00 ng/ml



#10 AR-1221-3

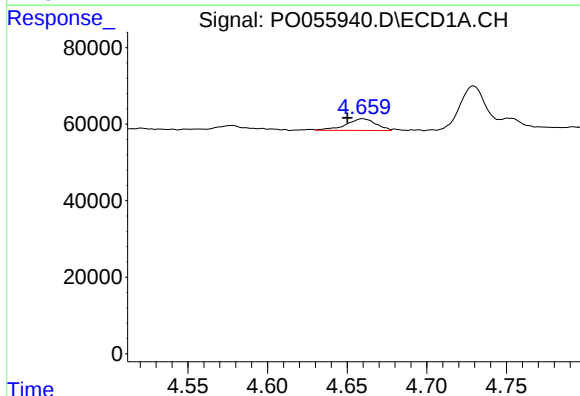
R.T.: 4.660 min
Delta R.T.: 0.006 min
Response: 39656
Conc: 39.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-11-COMP



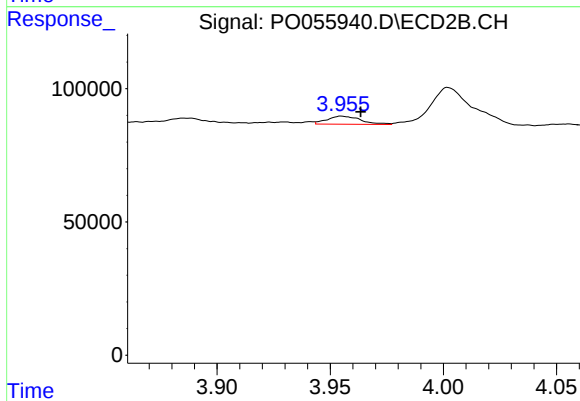
#10 AR-1221-3

R.T.: 3.955 min
Delta R.T.: -0.009 min
Response: 31079
Conc: 34.98 ng/ml



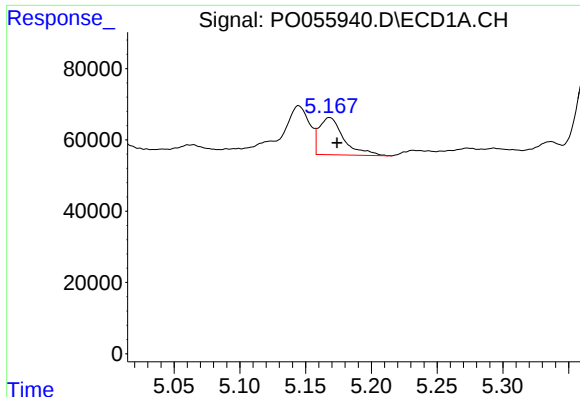
#11 AR-1232-1

R.T.: 4.660 min
Delta R.T.: 0.009 min
Response: 39656
Conc: 46.17 ng/ml



#11 AR-1232-1

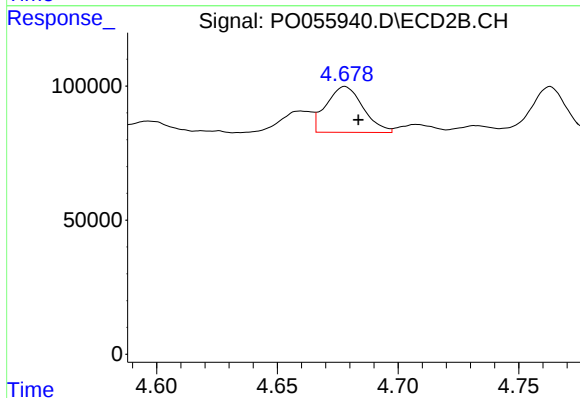
R.T.: 3.955 min
Delta R.T.: -0.008 min
Response: 31079
Conc: 41.99 ng/ml



#12 AR-1232-2

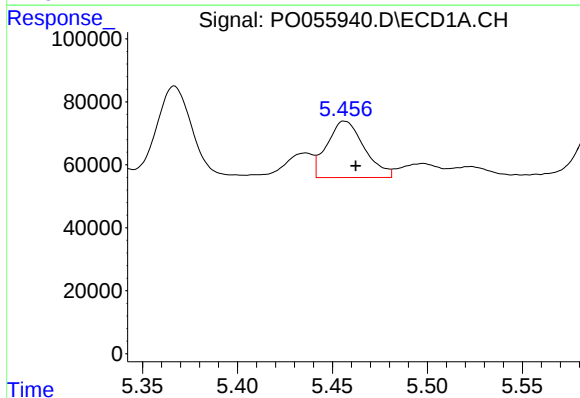
R.T.: 5.168 min
Delta R.T.: -0.006 min
Response: 135057
Conc: 278.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-11-COMP



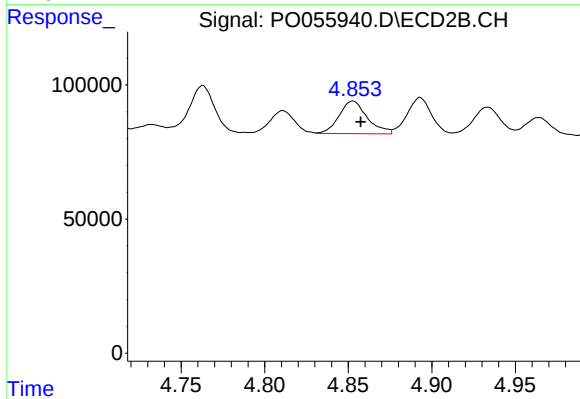
#12 AR-1232-2

R.T.: 4.678 min
Delta R.T.: -0.005 min
Response: 181632
Conc: 207.24 ng/ml



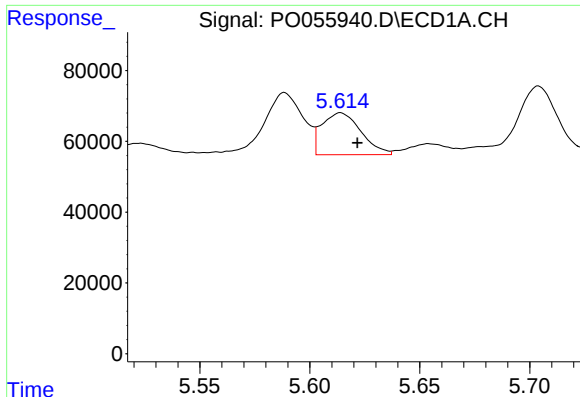
#13 AR-1232-3

R.T.: 5.456 min
Delta R.T.: -0.006 min
Response: 245243
Conc: 253.48 ng/ml



#13 AR-1232-3

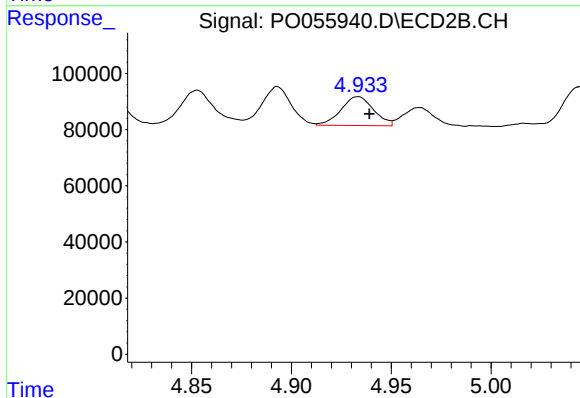
R.T.: 4.853 min
Delta R.T.: -0.004 min
Response: 142950
Conc: 298.02 ng/ml



#14 AR-1232-4

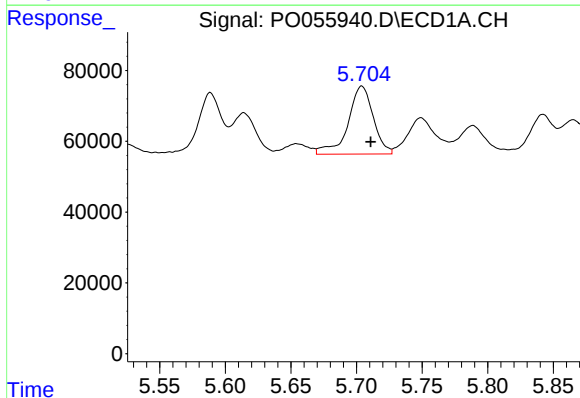
R.T.: 5.614 min
Delta R.T.: -0.008 min
Response: 146429
Conc: 287.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
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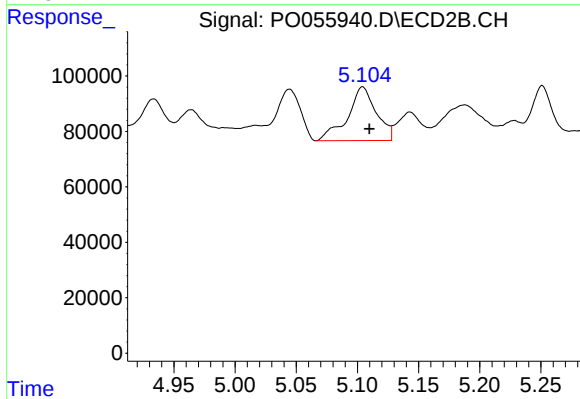
#14 AR-1232-4

R.T.: 4.934 min
Delta R.T.: -0.006 min
Response: 116949
Conc: 275.33 ng/ml



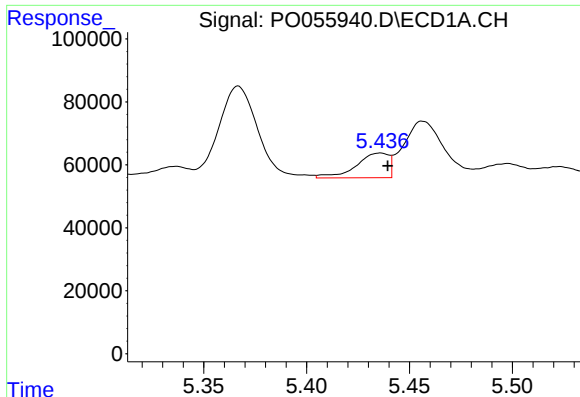
#15 AR-1232-5

R.T.: 5.704 min
Delta R.T.: -0.007 min
Response: 257850
Conc: 593.89 ng/ml



#15 AR-1232-5

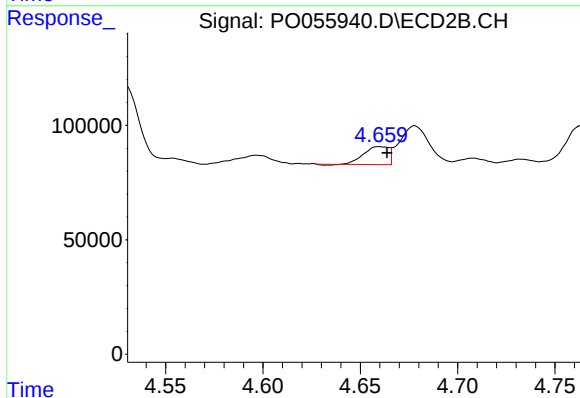
R.T.: 5.104 min
Delta R.T.: -0.005 min
Response: 317937
Conc: 656.07 ng/ml



#16 AR-1242-1

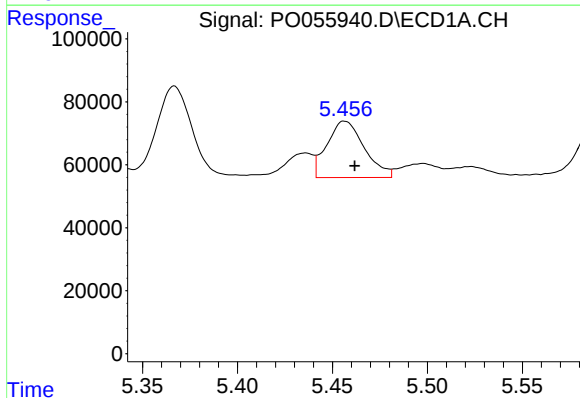
R.T.: 5.436 min
Delta R.T.: -0.004 min
Response: 86358
Conc: 71.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
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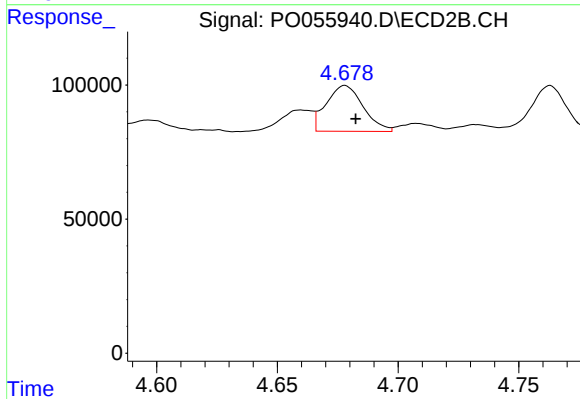
#16 AR-1242-1

R.T.: 4.660 min
Delta R.T.: -0.004 min
Response: 69869
Conc: 62.35 ng/ml



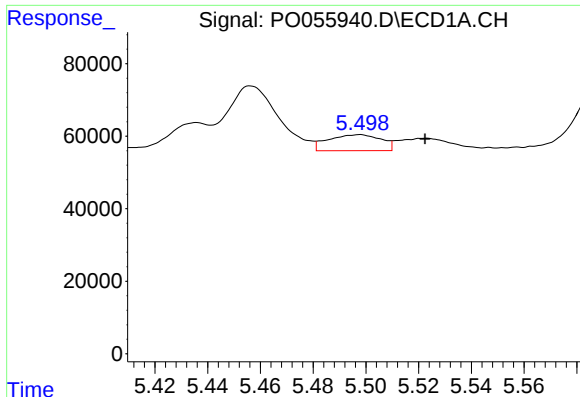
#17 AR-1242-2

R.T.: 5.456 min
Delta R.T.: -0.006 min
Response: 245243
Conc: 145.25 ng/ml



#17 AR-1242-2

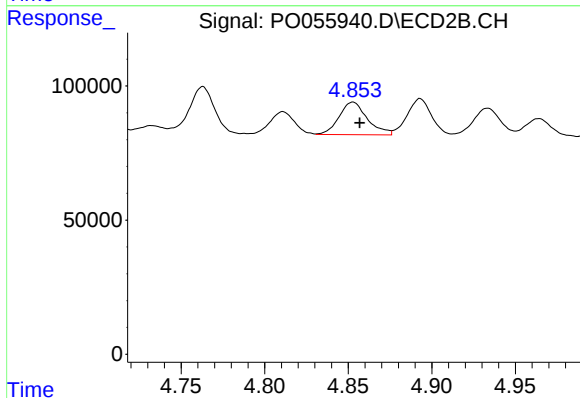
R.T.: 4.678 min
Delta R.T.: -0.004 min
Response: 181632
Conc: 119.38 ng/ml



#18 AR-1242-3

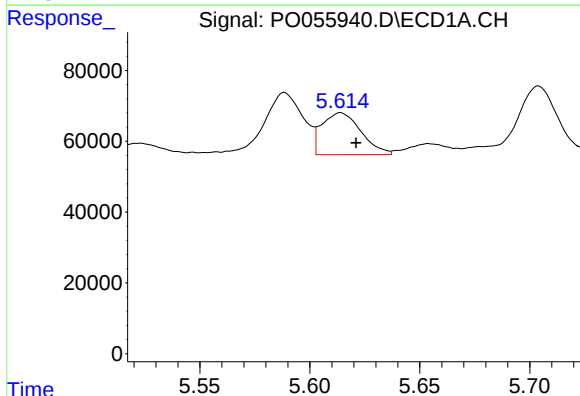
R.T.: 5.498 min
Delta R.T.: -0.024 min
Response: 61352
Conc: 56.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-11-COMP



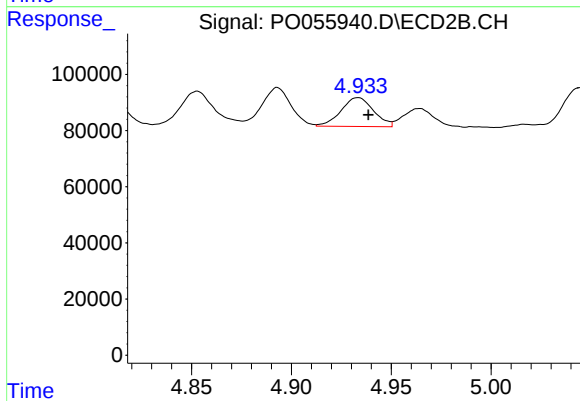
#18 AR-1242-3

R.T.: 4.853 min
Delta R.T.: -0.004 min
Response: 142950
Conc: 165.07 ng/ml



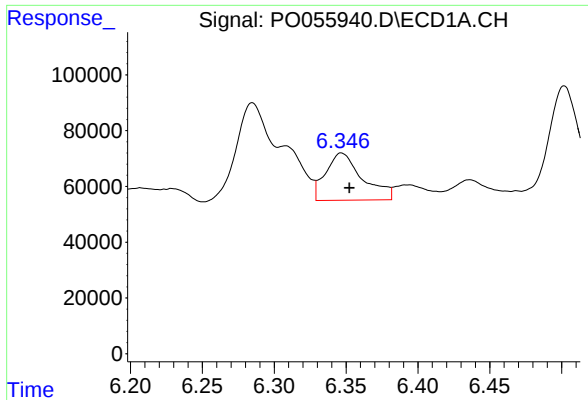
#19 AR-1242-4

R.T.: 5.614 min
Delta R.T.: -0.007 min
Response: 146429
Conc: 162.73 ng/ml



#19 AR-1242-4

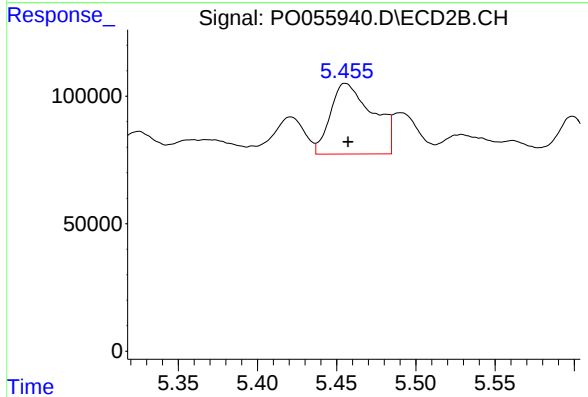
R.T.: 4.934 min
Delta R.T.: -0.005 min
Response: 116949
Conc: 139.61 ng/ml



#20 AR-1242-5

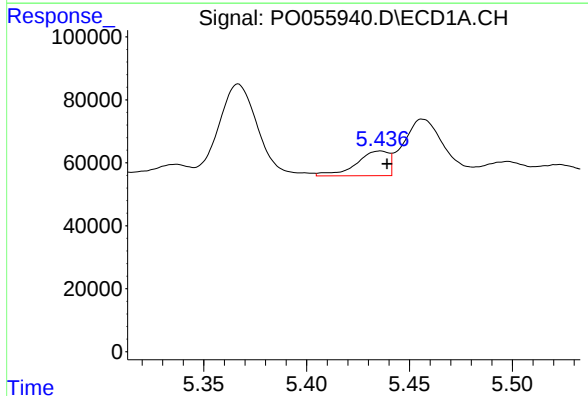
R.T.: 6.347 min
Delta R.T.: -0.006 min
Response: 302017
Conc: 276.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-11-COMP



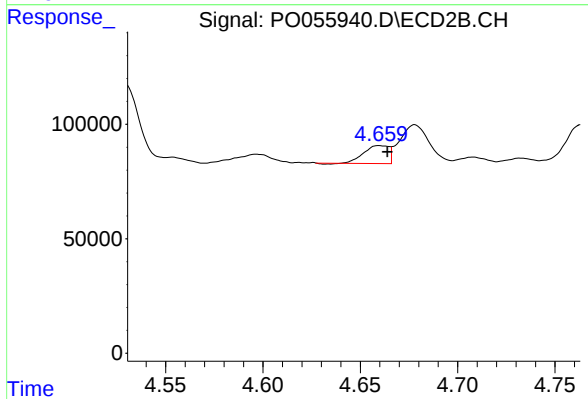
#20 AR-1242-5

R.T.: 5.456 min
Delta R.T.: -0.002 min
Response: 515091
Conc: 429.10 ng/ml



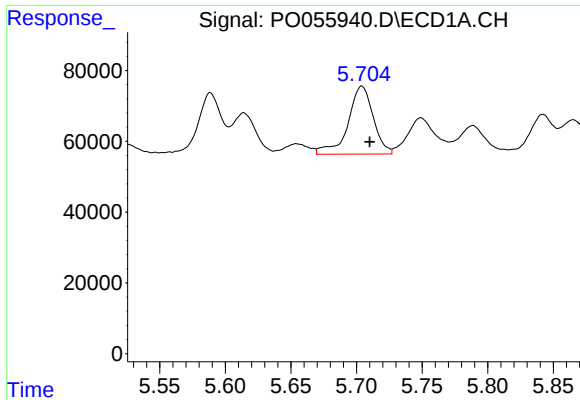
#21 AR-1248-1

R.T.: 5.436 min
Delta R.T.: -0.003 min
Response: 86358
Conc: 95.41 ng/ml



#21 AR-1248-1

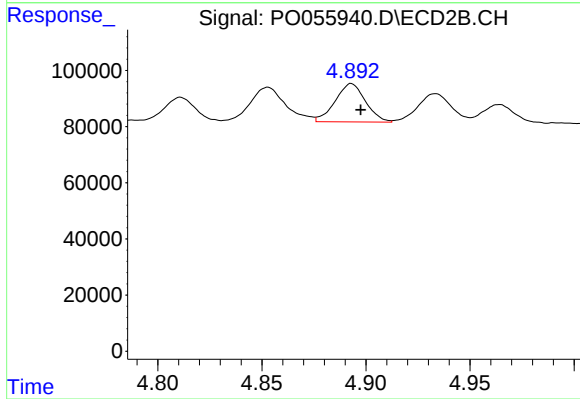
R.T.: 4.660 min
Delta R.T.: -0.004 min
Response: 69869
Conc: 83.32 ng/ml



#22 AR-1248-2

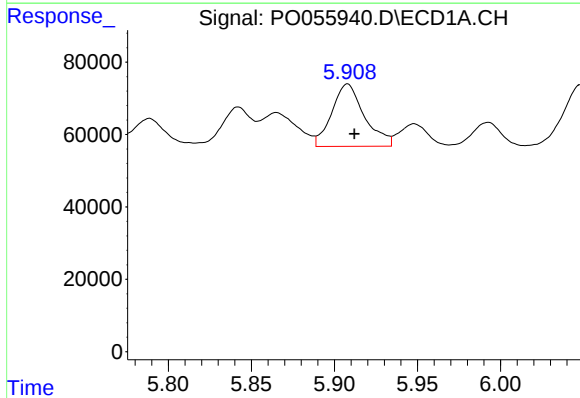
R.T.: 5.704 min
Delta R.T.: -0.006 min
Response: 257850
Conc: 193.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-11-COMP



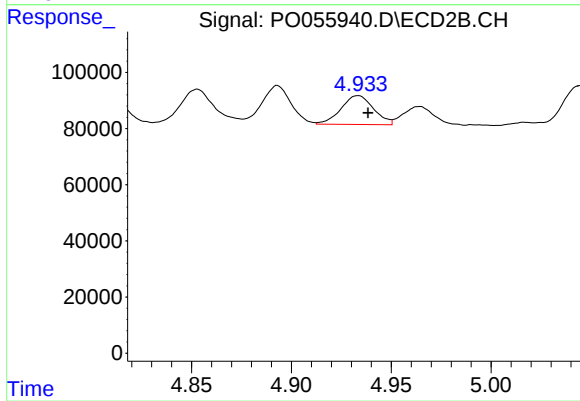
#22 AR-1248-2

R.T.: 4.893 min
Delta R.T.: -0.005 min
Response: 138915
Conc: 126.43 ng/ml



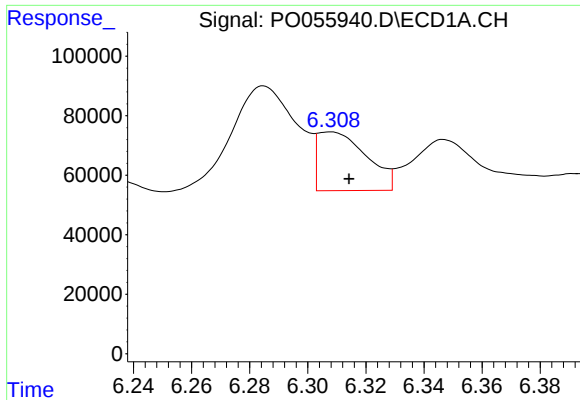
#23 AR-1248-3

R.T.: 5.908 min
Delta R.T.: -0.004 min
Response: 235545
Conc: 159.50 ng/ml



#23 AR-1248-3

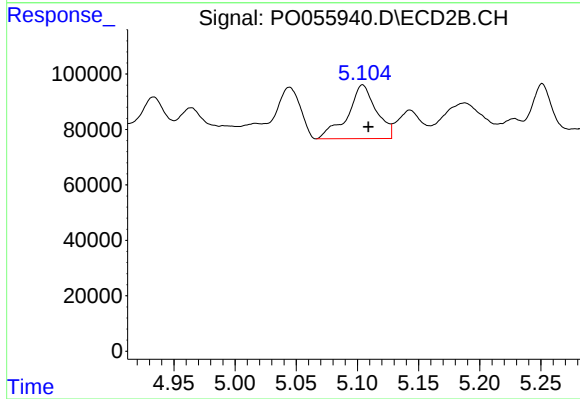
R.T.: 4.934 min
Delta R.T.: -0.005 min
Response: 116949
Conc: 103.03 ng/ml



#24 AR-1248-4

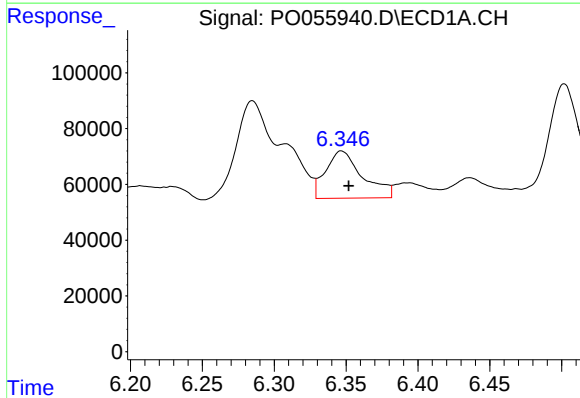
R.T.: 6.308 min
Delta R.T.: -0.006 min
Response: 229862
Conc: 131.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-11-COMP



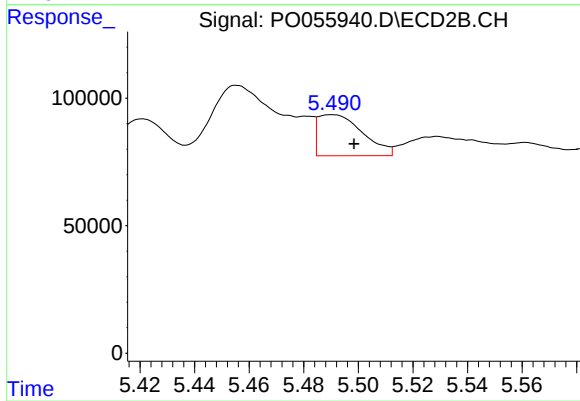
#24 AR-1248-4

R.T.: 5.104 min
Delta R.T.: -0.005 min
Response: 317937
Conc: 226.42 ng/ml



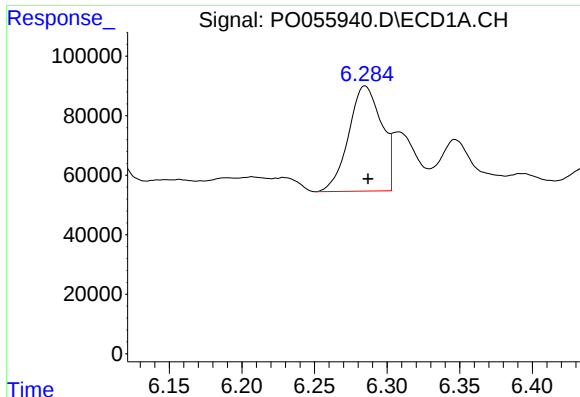
#25 AR-1248-5

R.T.: 6.347 min
Delta R.T.: -0.005 min
Response: 302017
Conc: 180.81 ng/ml



#25 AR-1248-5

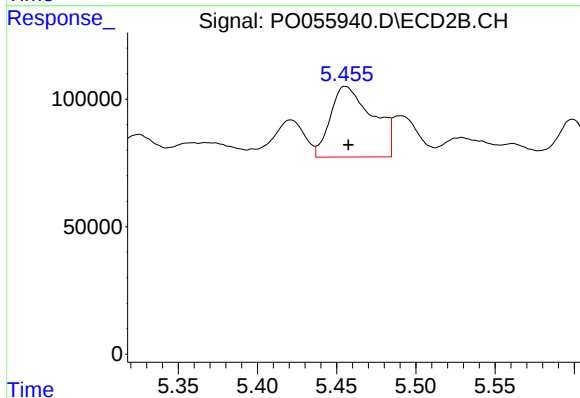
R.T.: 5.490 min
Delta R.T.: -0.008 min
Response: 183780
Conc: 122.71 ng/ml



#26 AR-1254-1

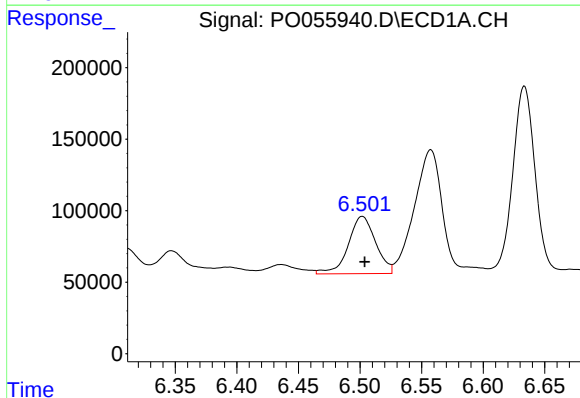
R.T.: 6.285 min
Delta R.T.: -0.002 min
Response: 558176
Conc: 265.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-11-COMP



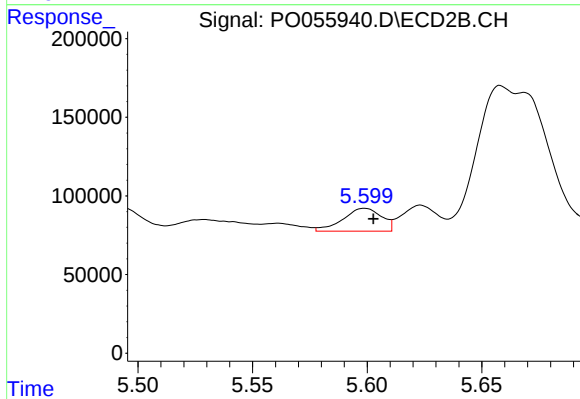
#26 AR-1254-1

R.T.: 5.456 min
Delta R.T.: -0.002 min
Response: 515091
Conc: 192.46 ng/ml



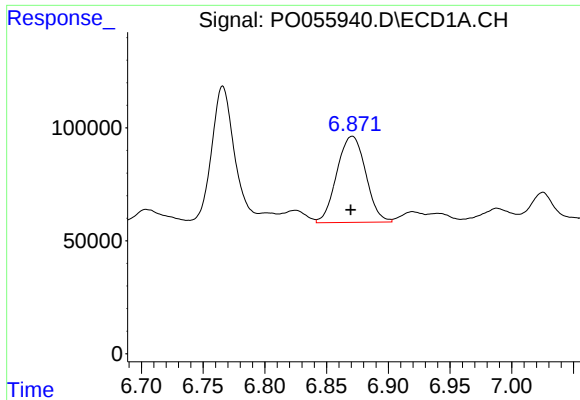
#27 AR-1254-2

R.T.: 6.502 min
Delta R.T.: -0.002 min
Response: 619680
Conc: 186.72 ng/ml



#27 AR-1254-2

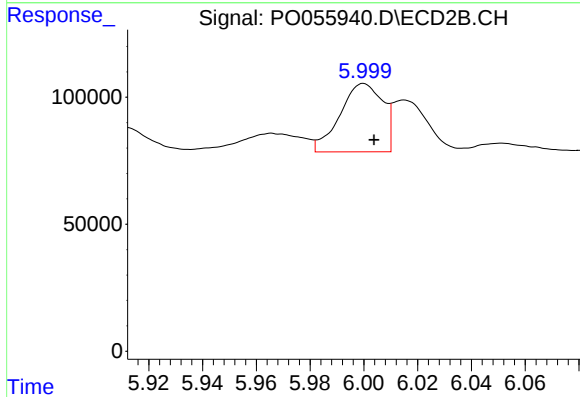
R.T.: 5.599 min
Delta R.T.: -0.004 min
Response: 170867
Conc: 69.95 ng/ml



#28 AR-1254-3

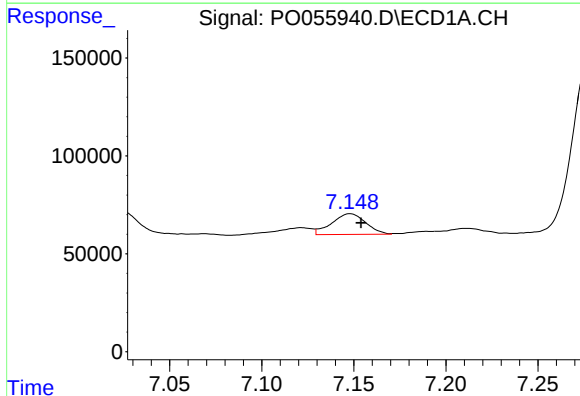
R.T.: 6.871 min
Delta R.T.: 0.001 min
Response: 621134
Conc: 170.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-11-COMP



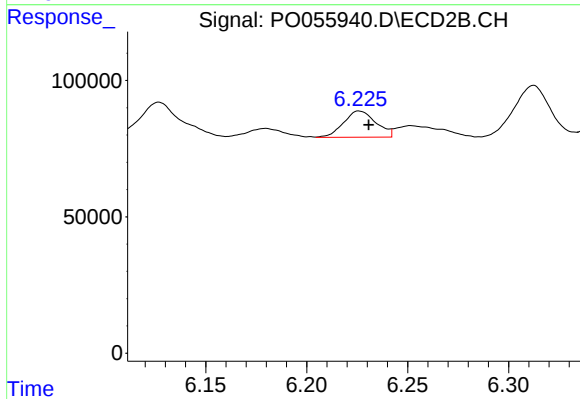
#28 AR-1254-3

R.T.: 6.000 min
Delta R.T.: -0.004 min
Response: 296062
Conc: 74.62 ng/ml



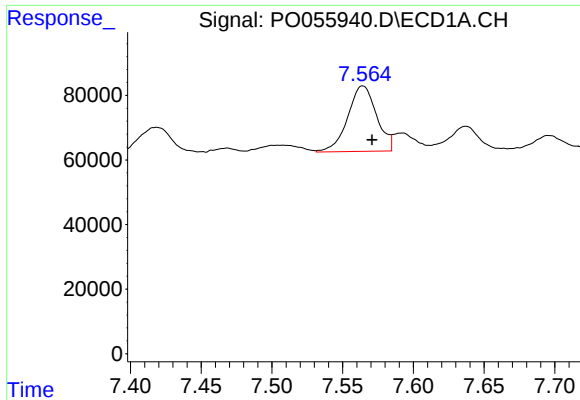
#29 AR-1254-4

R.T.: 7.148 min
Delta R.T.: -0.006 min
Response: 136711
Conc: 50.25 ng/ml



#29 AR-1254-4

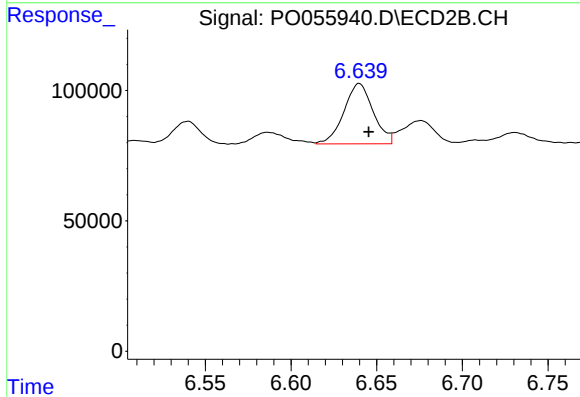
R.T.: 6.226 min
Delta R.T.: -0.005 min
Response: 108144
Conc: 40.33 ng/ml



#30 AR-1254-5

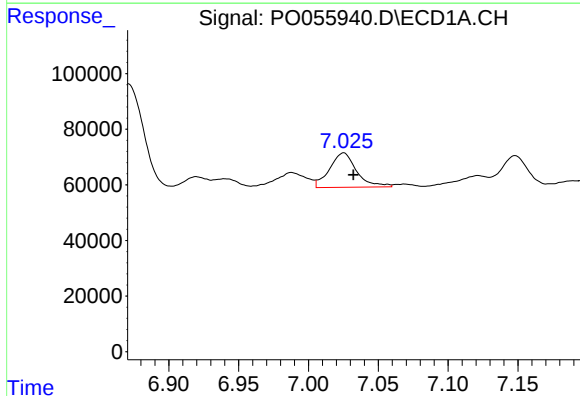
R.T.: 7.564 min
Delta R.T.: -0.007 min
Response: 287910
Conc: 100.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-11-COMP



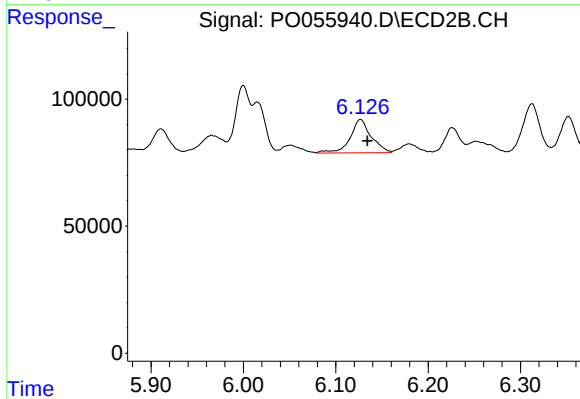
#30 AR-1254-5

R.T.: 6.640 min
Delta R.T.: -0.005 min
Response: 276088
Conc: 76.30 ng/ml



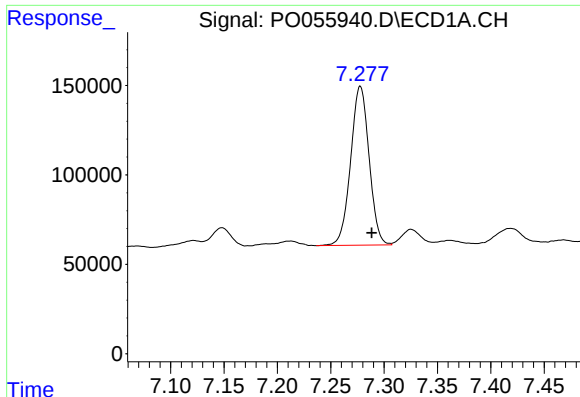
#31 AR-1260-1

R.T.: 7.025 min
Delta R.T.: -0.007 min
Response: 166761
Conc: 77.22 ng/ml



#31 AR-1260-1

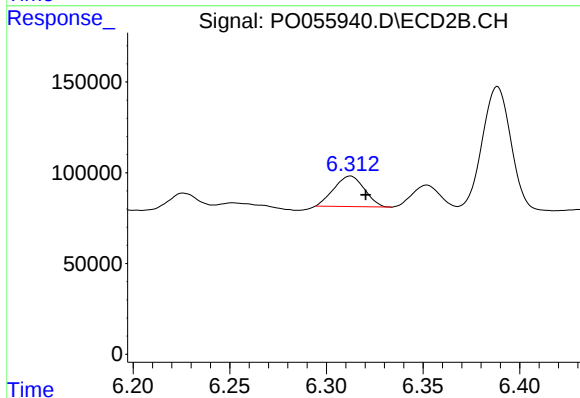
R.T.: 6.127 min
Delta R.T.: -0.007 min
Response: 207525
Conc: 94.19 ng/ml



#32 AR-1260-2

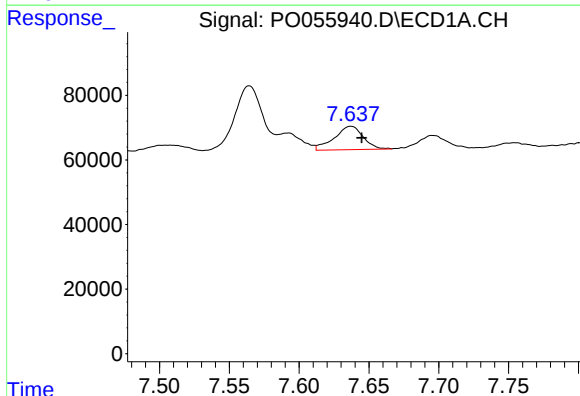
R.T.: 7.278 min
Delta R.T.: -0.011 min
Response: 1069902
Conc: 408.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-11-COMP



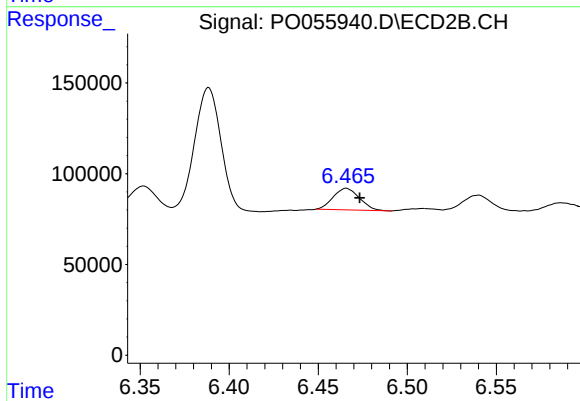
#32 AR-1260-2

R.T.: 6.312 min
Delta R.T.: -0.008 min
Response: 184306
Conc: 60.36 ng/ml



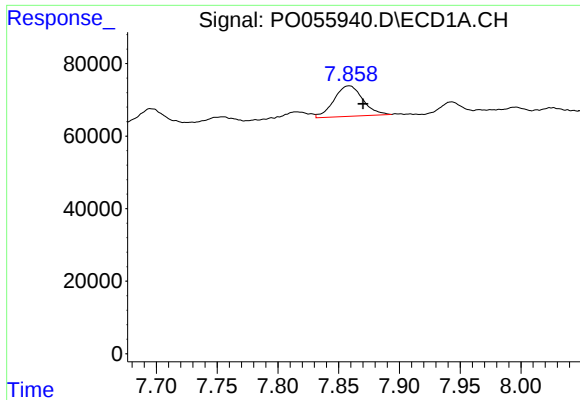
#33 AR-1260-3

R.T.: 7.637 min
Delta R.T.: -0.008 min
Response: 104827
Conc: 52.41 ng/ml



#33 AR-1260-3

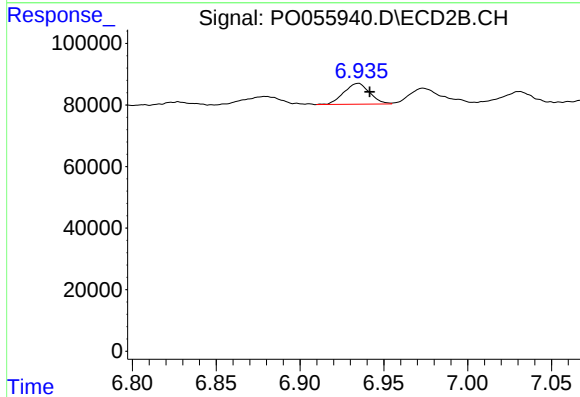
R.T.: 6.466 min
Delta R.T.: -0.007 min
Response: 122167
Conc: 49.02 ng/ml



#34 AR-1260-4

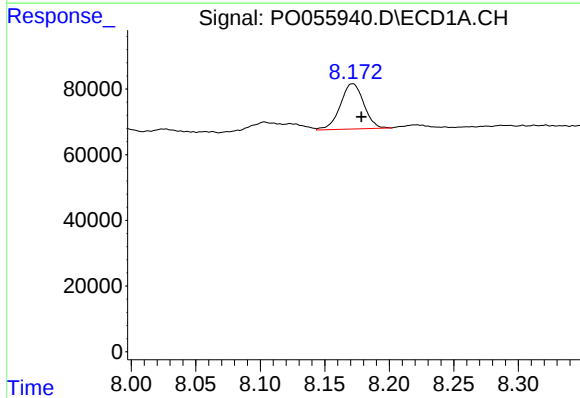
R.T.: 7.859 min
Delta R.T.: -0.011 min
Response: 139280
Conc: 60.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-11-COMP



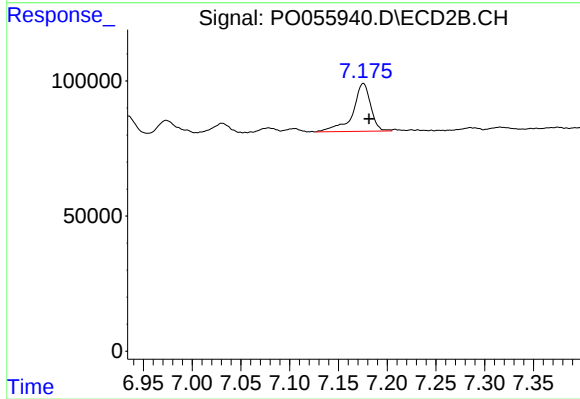
#34 AR-1260-4

R.T.: 6.935 min
Delta R.T.: -0.007 min
Response: 73117
Conc: 35.43 ng/ml



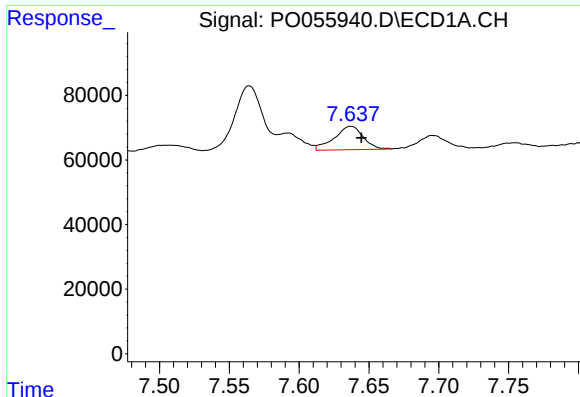
#35 AR-1260-5

R.T.: 8.172 min
Delta R.T.: -0.007 min
Response: 175073
Conc: 41.27 ng/ml



#35 AR-1260-5

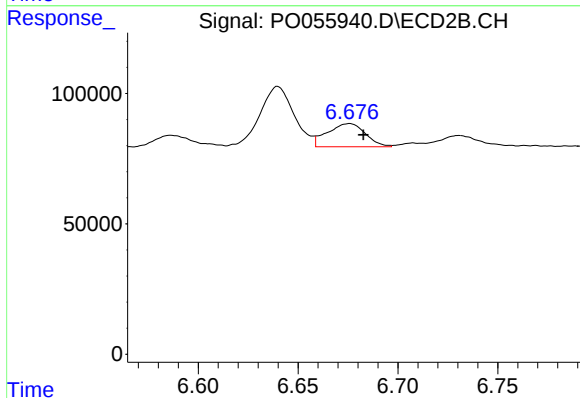
R.T.: 7.176 min
Delta R.T.: -0.006 min
Response: 226277
Conc: 45.05 ng/ml



#36 AR-1262-1

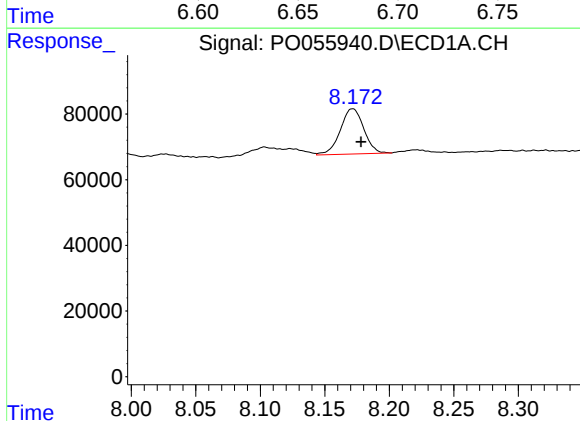
R.T.: 7.637 min
Delta R.T.: -0.008 min
Response: 104827
Conc: 32.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-11-COMP



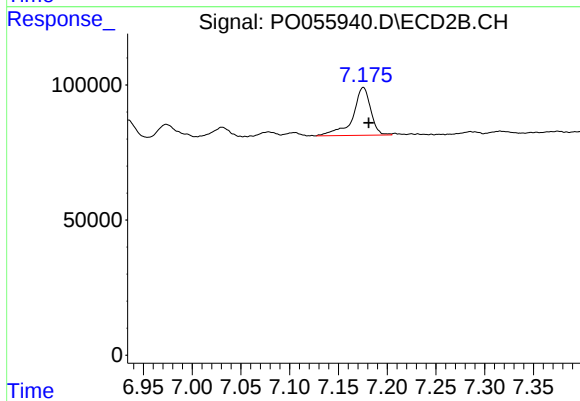
#36 AR-1262-1

R.T.: 6.676 min
Delta R.T.: -0.007 min
Response: 117649
Conc: 28.69 ng/ml



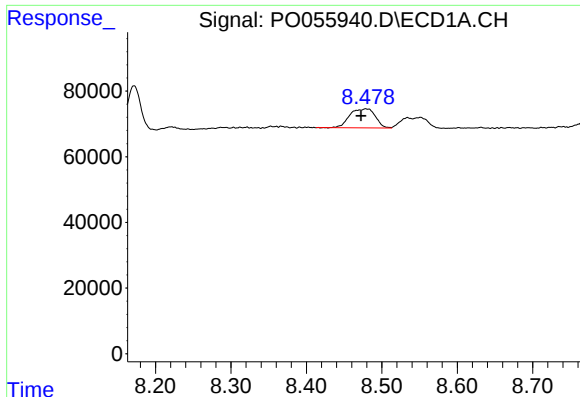
#37 AR-1262-2

R.T.: 8.172 min
Delta R.T.: -0.007 min
Response: 175073
Conc: 32.61 ng/ml



#37 AR-1262-2

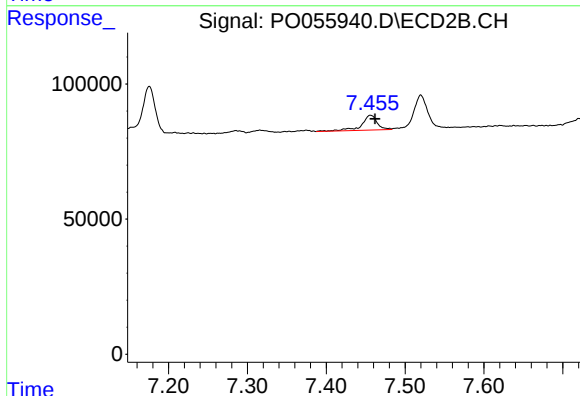
R.T.: 7.176 min
Delta R.T.: -0.006 min
Response: 226277
Conc: 36.19 ng/ml



#38 AR-1262-3

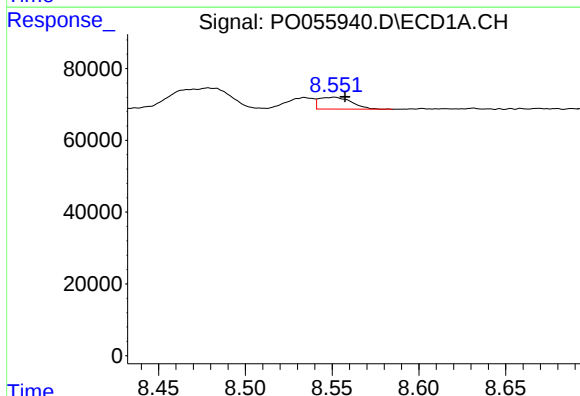
R.T.: 8.479 min
Delta R.T.: 0.006 min
Response: 137123
Conc: 37.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-11-COMP



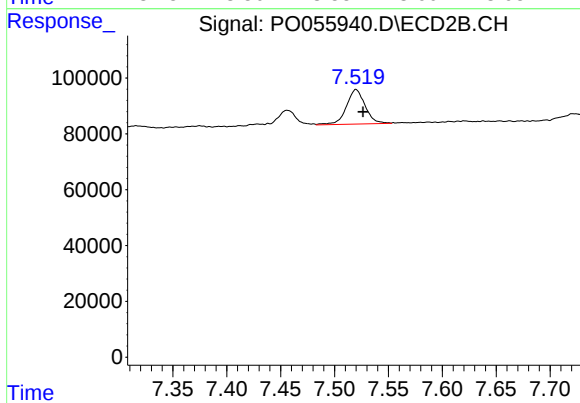
#38 AR-1262-3

R.T.: 7.456 min
Delta R.T.: -0.006 min
Response: 75217
Conc: 30.54 ng/ml



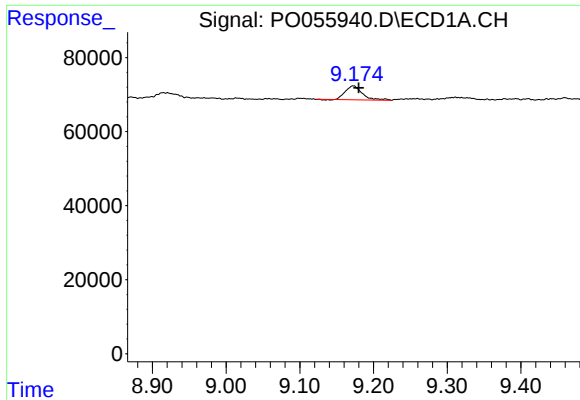
#39 AR-1262-4

R.T.: 8.551 min
Delta R.T.: -0.006 min
Response: 43098
Conc: 15.87 ng/ml



#39 AR-1262-4

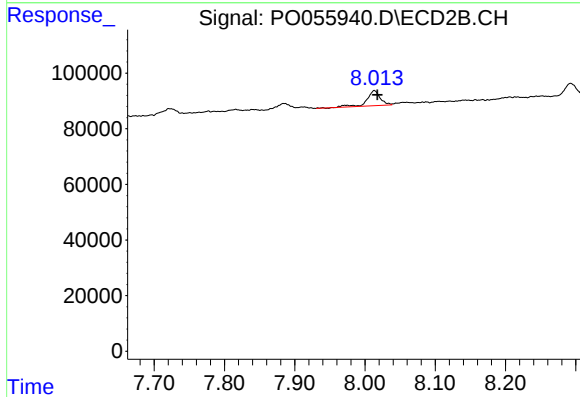
R.T.: 7.520 min
Delta R.T.: -0.006 min
Response: 150668
Conc: 36.79 ng/ml



#40 AR-1262-5

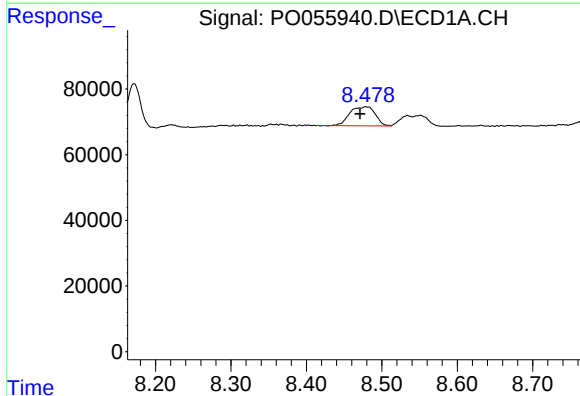
R.T.: 9.173 min
Delta R.T.: -0.007 min
Response: 60901
Conc: 33.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-11-COMP



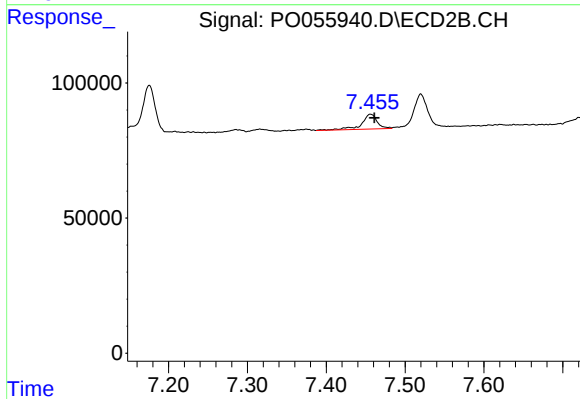
#40 AR-1262-5

R.T.: 8.013 min
Delta R.T.: -0.005 min
Response: 71621
Conc: 42.03 ng/ml



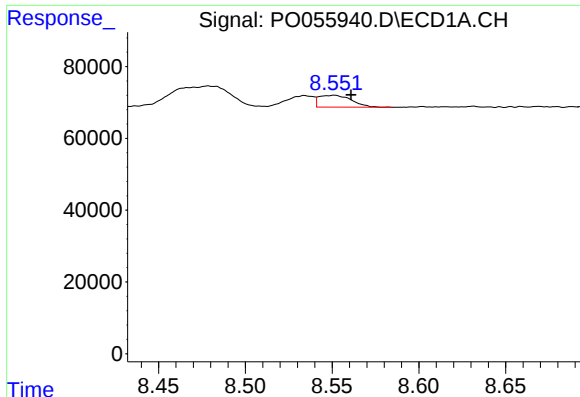
#41 AR-1268-1

R.T.: 8.479 min
Delta R.T.: 0.008 min
Response: 137123
Conc: 22.71 ng/ml



#41 AR-1268-1

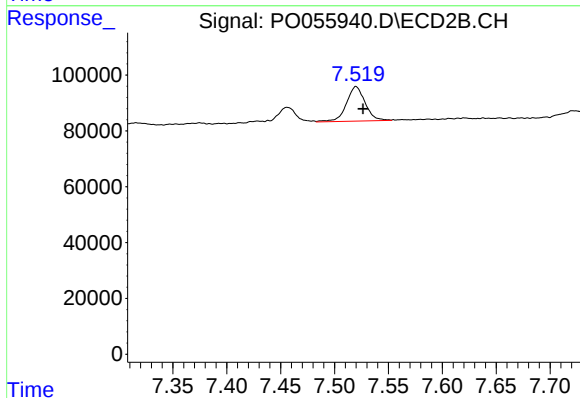
R.T.: 7.456 min
Delta R.T.: -0.005 min
Response: 75217
Conc: 10.86 ng/ml



#42 AR-1268-2

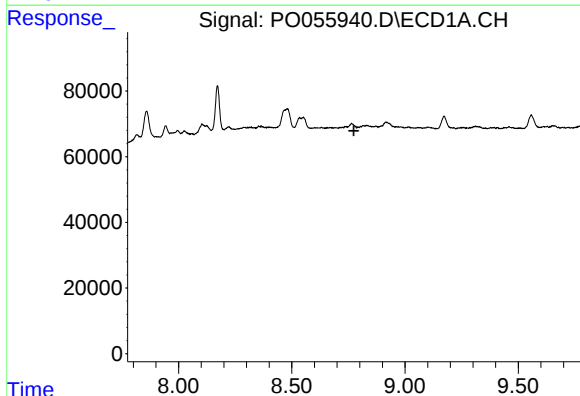
R.T.: 8.551 min
Delta R.T.: -0.010 min
Response: 43098
Conc: 7.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-11-COMP



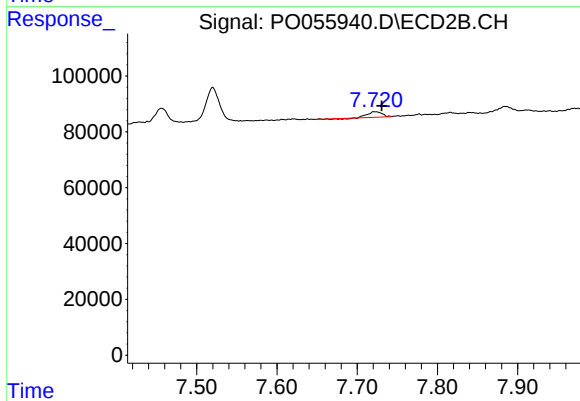
#42 AR-1268-2

R.T.: 7.520 min
Delta R.T.: -0.007 min
Response: 150668
Conc: 26.48 ng/ml



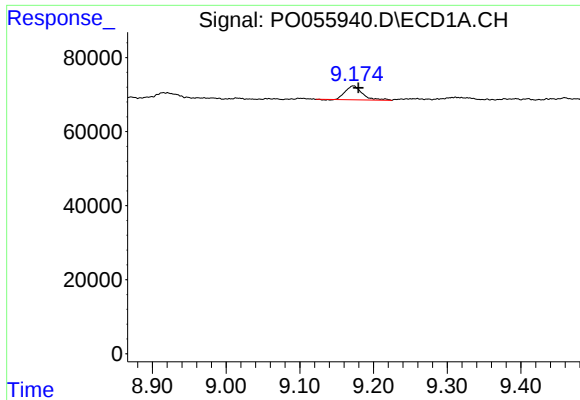
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.774 min
Response: 0
Conc: N.D.



#43 AR-1268-3

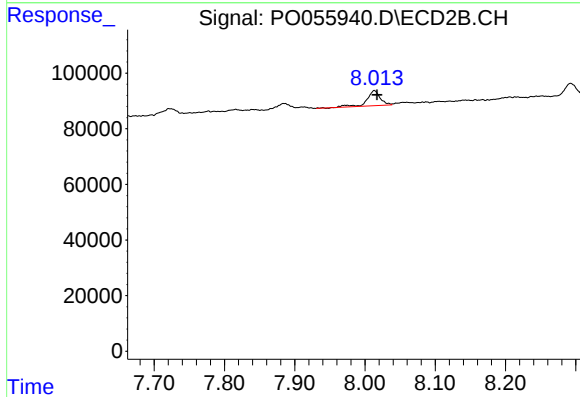
R.T.: 7.722 min
Delta R.T.: -0.009 min
Response: 22412
Conc: 4.75 ng/ml



#44 AR-1268-4

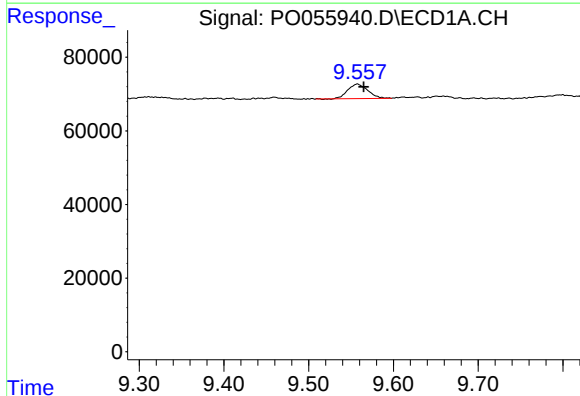
R.T.: 9.173 min
Delta R.T.: -0.007 min
Response: 60901
Conc: 31.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-11-COMP



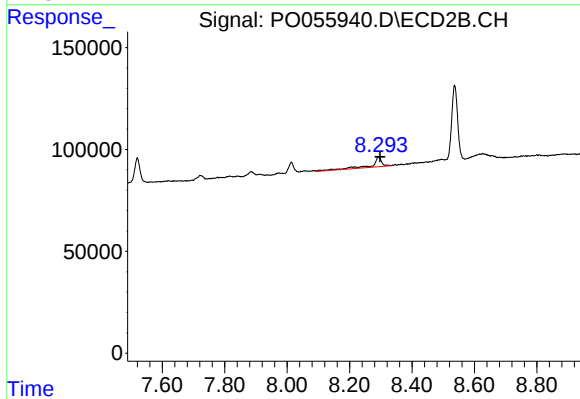
#44 AR-1268-4

R.T.: 8.013 min
Delta R.T.: -0.004 min
Response: 71621
Conc: 37.86 ng/ml



#45 AR-1268-5

R.T.: 9.558 min
Delta R.T.: -0.007 min
Response: 64159
Conc: 4.76 ng/ml



#45 AR-1268-5

R.T.: 8.293 min
Delta R.T.: -0.005 min
Response: 110288
Conc: 9.06 ng/ml