

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0040319\
 Data File : P0054895.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 03 Apr 2019 18:37
 Operator : SM/SJ
 Sample : K2178-02RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :
 COMP-17RE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 08:36:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0032519.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 25 17:22:26 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...	4.302	3.617	713193	695611	20.550	21.798
2)	SA Decachlor...	9.926	8.590	549356	392193	11.144	12.314
Target Compounds							
3)	L1 AR-1016-1	5.465	4.694	28486	28400	15.831	17.959
4)	L1 AR-1016-2	5.486	4.718	61253	112573	24.662	52.537 #
5)	L1 AR-1016-3	5.486	4.886	61253	47804	38.934	39.566
6)	L1 AR-1016-4	5.643	4.928	31889	48164	24.472	47.662 #
7)	L1 AR-1016-5	5.939	5.141	56303	47980	42.198	36.812
8)	L2 AR-1221-1	0.000	3.781	0	10111	N.D.	26.005 #
9)	L2 AR-1221-2	0.000	3.915	0	10193	N.D.	33.999 #
10)	L2 AR-1221-3	0.000	3.987	0	19193	N.D.	20.822 #
11)	L3 AR-1232-1	0.000	3.987	0	19193	N.D.	25.595 #
12)	L3 AR-1232-2	0.000	4.718	0	112573	N.D.	130.731 #
13)	L3 AR-1232-3	5.486	4.886	61253	47804	62.675	98.654 #
14)	L3 AR-1232-4	5.643	4.969	31889	46618	62.300	106.094 #
15)	L3 AR-1232-5	5.736	5.141	41811	47980	100.509	98.651
16)	L4 AR-1242-1	5.465	4.694	28486	28400	20.504	23.132
17)	L4 AR-1242-2	5.486	4.718	61253	112573	32.011	67.929 #
18)	L4 AR-1242-3	5.486	4.886	61253	47804	49.419	50.462
19)	L4 AR-1242-4	5.643	4.969	31889	46618	31.277	48.776 #
20)	L4 AR-1242-5	6.378	5.493	57255	167218	47.429	135.961 #
21)	L5 AR-1248-1	5.465	4.694	28486	28400	28.495	32.354
22)	L5 AR-1248-2	5.736	4.928	41811	48164	28.790	39.853 #
23)	L5 AR-1248-3	5.939	4.969	56303	46618	35.252	37.360
24)	L5 AR-1248-4	6.316	5.141	364975	47980	194.286	31.504 #
25)	L5 AR-1248-5	6.378	5.564	57255	8014	31.936	5.375 #
26)	L6 AR-1254-1	6.316	5.493	364975	167218	201.290	76.513 #
27)	L6 AR-1254-2	6.533	5.636	193060	78774	67.628	40.627 #
28)	L6 AR-1254-3	6.899	6.039	232322	287241	73.877	89.603
29)	L6 AR-1254-4	7.181	6.265	99465	54359	40.658	27.763 #
30)	L6 AR-1254-5	7.597	6.680	257528	214799	96.082	74.720
31)	L7 AR-1260-1	7.058	6.167	224914	183143	89.513	79.694
32)	L7 AR-1260-2	7.314	6.352	262463	217533	84.569	79.024
33)	L7 AR-1260-3	7.672	6.507	134927	160102	54.974	62.105
34)	L7 AR-1260-4	7.896	6.976	170706	99313	61.716	46.666
35)	L7 AR-1260-5	8.207	7.217	226811	237085	40.877	49.503
36)	L8 AR-1262-1	7.672	6.717	134927	120181	40.493	40.398
37)	L8 AR-1262-2	8.207	7.217	226811	237085	38.284	48.373 #
38)	L8 AR-1262-3	8.520	7.499	159726	50833	38.555	24.755 #
39)	L8 AR-1262-4	8.574	7.562	93689	178702	29.078	49.336 #
40)	L8 AR-1262-5	9.218	8.055	57818	51039	26.446	31.625
41)	L9 AR-1268-1	8.520	7.499	159726	50833	22.441	8.990 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0040319\
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Acq On : 03 Apr 2019 18:37
Operator : SM/SJ
Sample : K2178-02RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

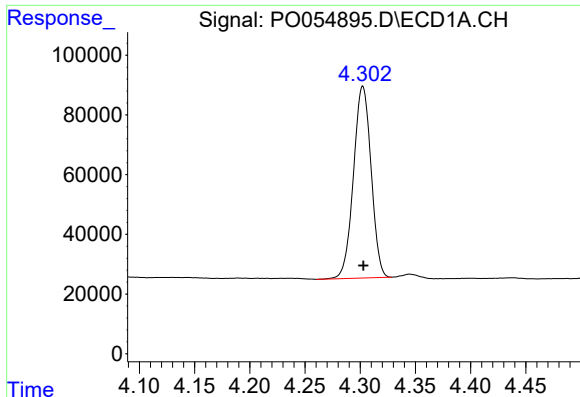
Instrument :
ECD_O
ClientSampleId :
COMP-17RE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 04 08:36:11 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0032519.M
Quant Title : GC EXTRACTABLES
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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
42)	L9 AR-1268-2	8.574	7.562	93689	178702	14.299	34.555 #
43)	L9 AR-1268-3	0.000	7.771	0	10485	N.D.	2.436 #
44)	L9 AR-1268-4	9.218	8.055	57818	51039	24.234	27.531
45)	L9 AR-1268-5	9.609	8.339	31196	20700	1.894	1.819

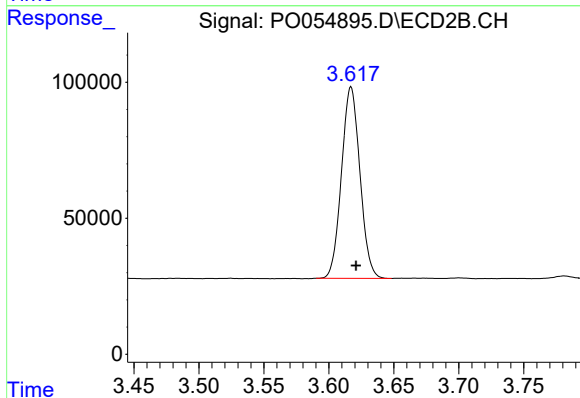
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

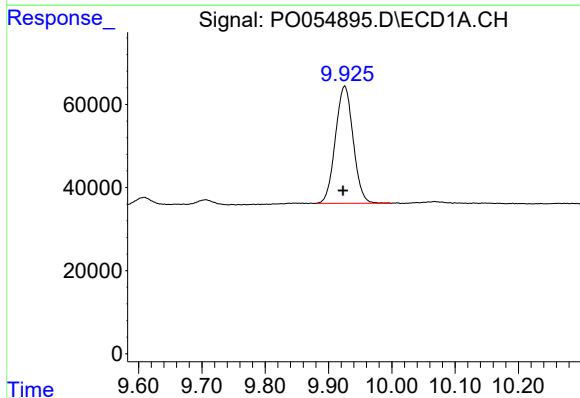
R.T.: 4.302 min
Delta R.T.: 0.000 min
Response: 713193
Conc: 20.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-17RE



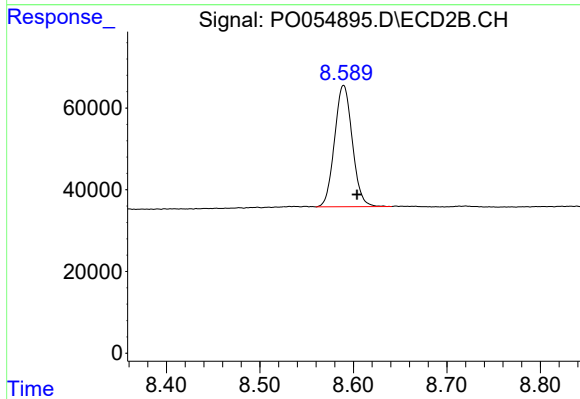
#1 Tetrachloro-m-xylene

R.T.: 3.617 min
Delta R.T.: -0.004 min
Response: 695611
Conc: 21.80 ng/ml



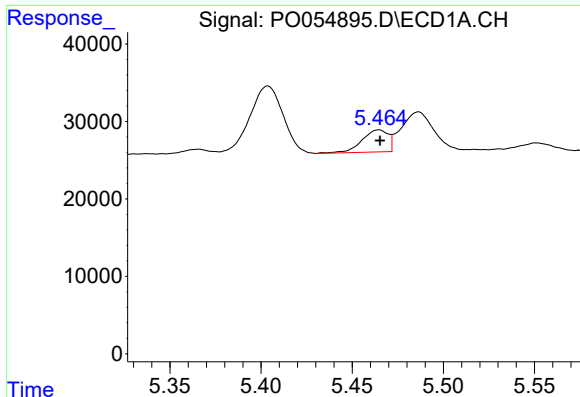
#2 Decachlorobiphenyl

R.T.: 9.926 min
Delta R.T.: 0.002 min
Response: 549356
Conc: 11.14 ng/ml



#2 Decachlorobiphenyl

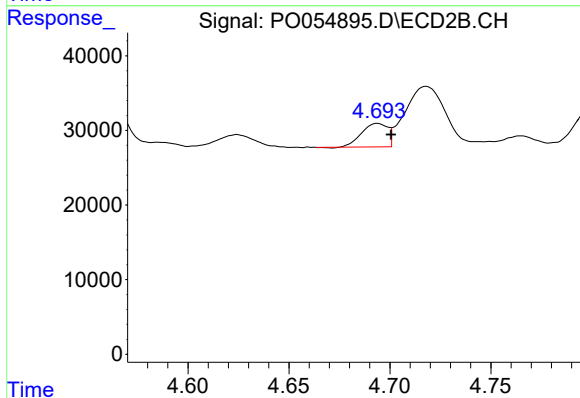
R.T.: 8.590 min
Delta R.T.: -0.015 min
Response: 392193
Conc: 12.31 ng/ml



#3 AR-1016-1

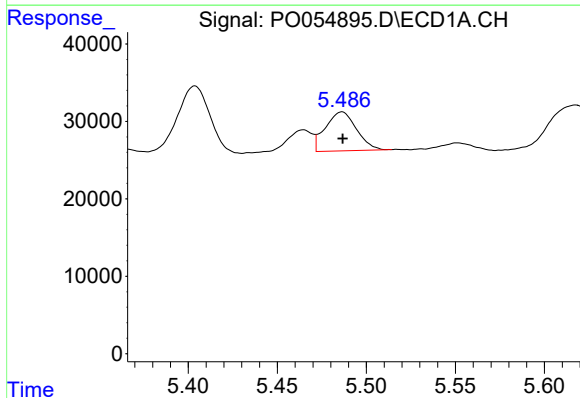
R.T.: 5.465 min
Delta R.T.: 0.000 min
Response: 28486
Conc: 15.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-17RE



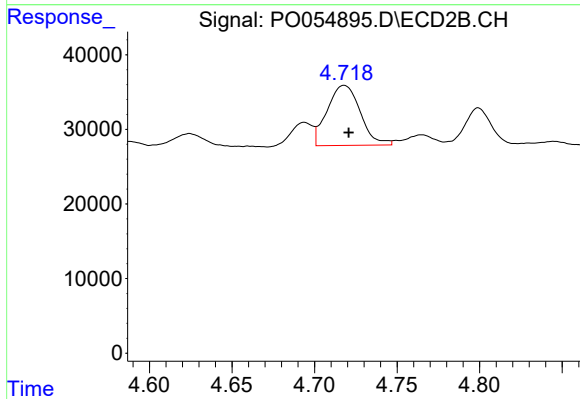
#3 AR-1016-1

R.T.: 4.694 min
Delta R.T.: -0.007 min
Response: 28400
Conc: 17.96 ng/ml



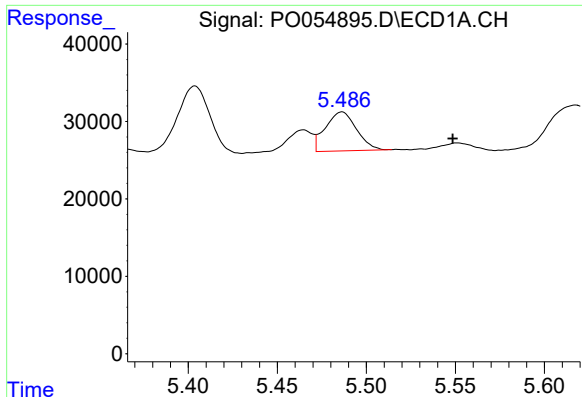
#4 AR-1016-2

R.T.: 5.486 min
Delta R.T.: 0.000 min
Response: 61253
Conc: 24.66 ng/ml



#4 AR-1016-2

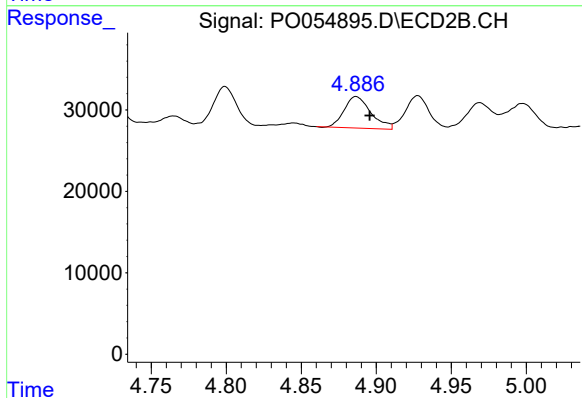
R.T.: 4.718 min
Delta R.T.: -0.003 min
Response: 112573
Conc: 52.54 ng/ml



#5 AR-1016-3

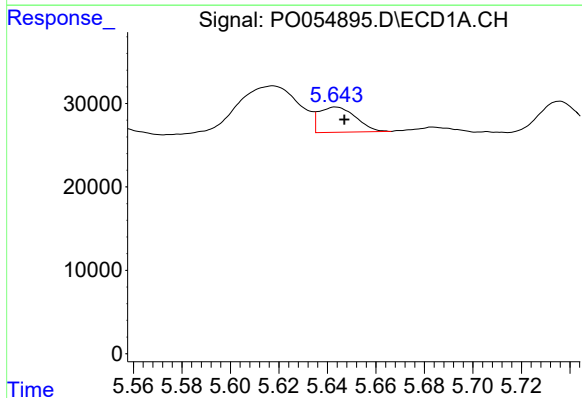
R.T.: 5.486 min
Delta R.T.: -0.062 min
Response: 61253
Conc: 38.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-17RE



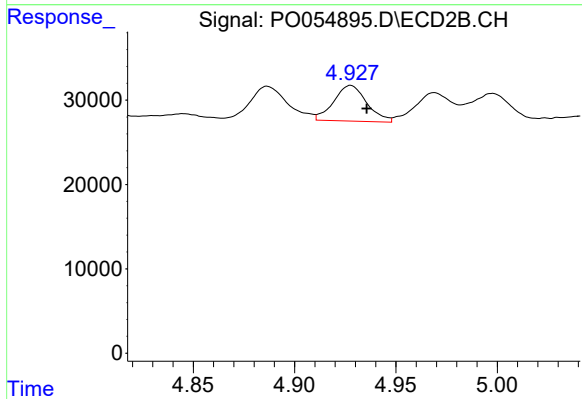
#5 AR-1016-3

R.T.: 4.886 min
Delta R.T.: -0.009 min
Response: 47804
Conc: 39.57 ng/ml



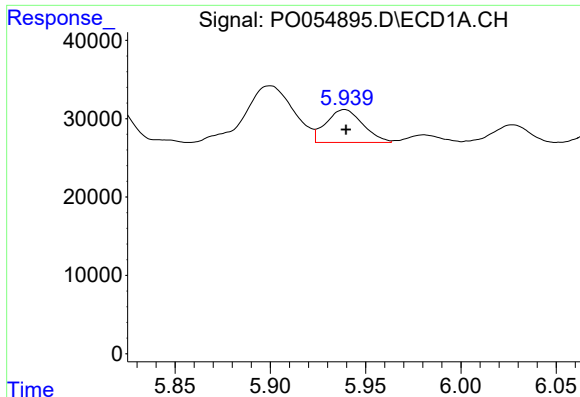
#6 AR-1016-4

R.T.: 5.643 min
Delta R.T.: -0.004 min
Response: 31889
Conc: 24.47 ng/ml



#6 AR-1016-4

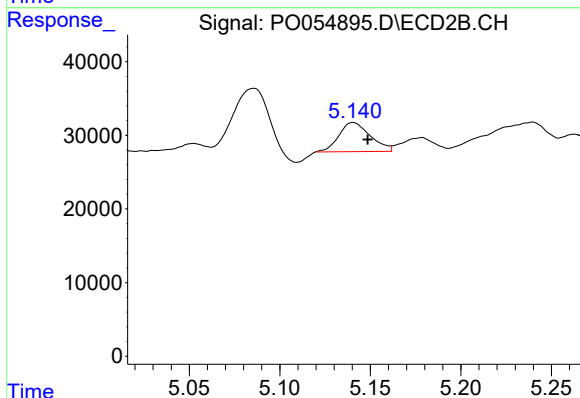
R.T.: 4.928 min
Delta R.T.: -0.008 min
Response: 48164
Conc: 47.66 ng/ml



#7 AR-1016-5

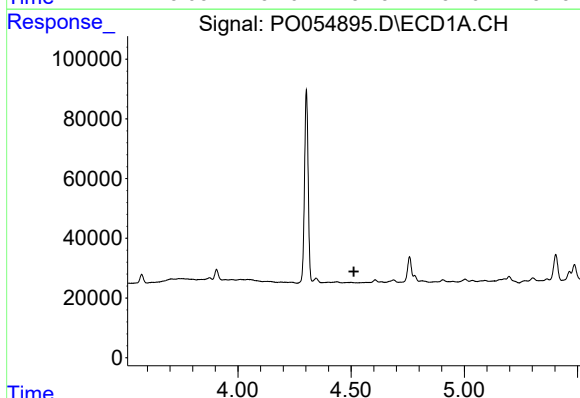
R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 56303
Conc: 42.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-17RE



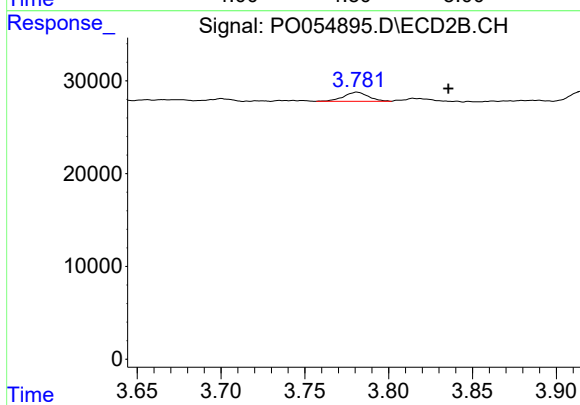
#7 AR-1016-5

R.T.: 5.141 min
Delta R.T.: -0.008 min
Response: 47980
Conc: 36.81 ng/ml



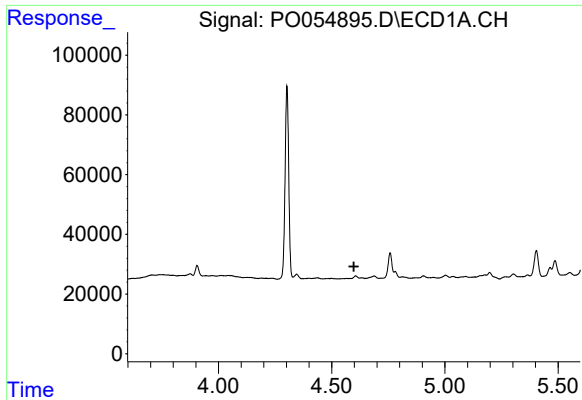
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.512 min
Response: 0
Conc: N.D.



#8 AR-1221-1

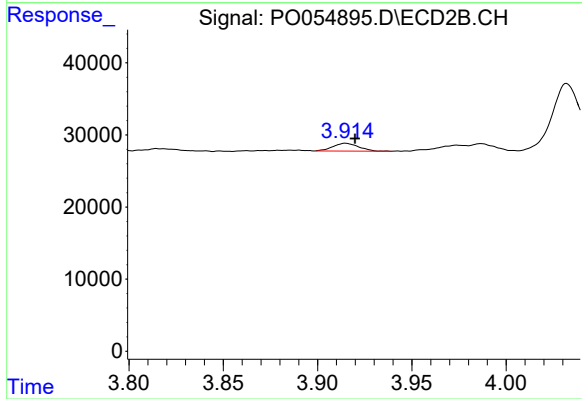
R.T.: 3.781 min
Delta R.T.: -0.054 min
Response: 10111
Conc: 26.01 ng/ml



#9 AR-1221-2

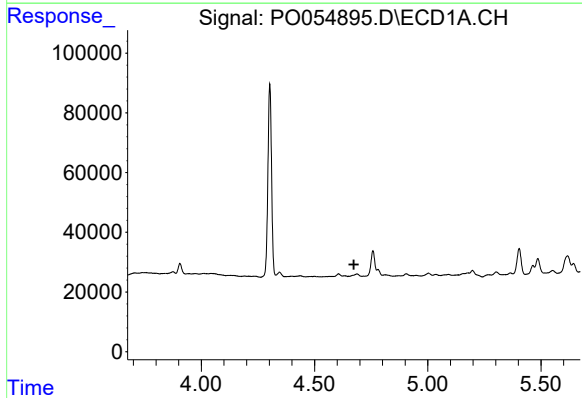
R.T.: 0.000 min
Exp R.T.: 4.598 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
COMP-17RE



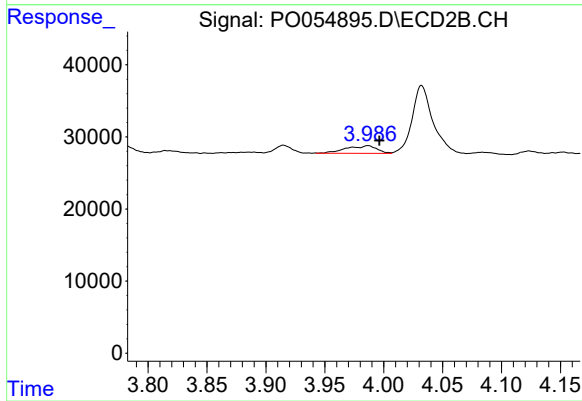
#9 AR-1221-2

R.T.: 3.915 min
Delta R.T.: -0.005 min
Response: 10193
Conc: 34.00 ng/ml



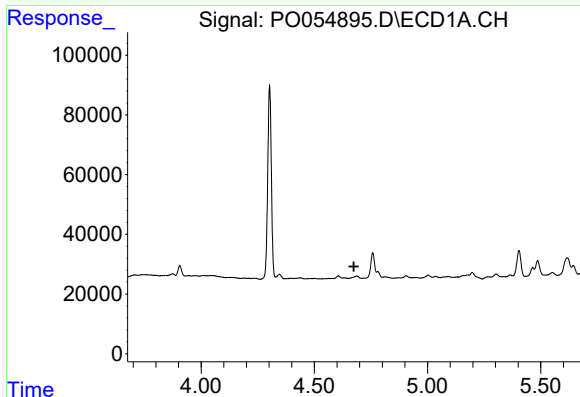
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 4.673 min
Response: 0
Conc: N.D.



#10 AR-1221-3

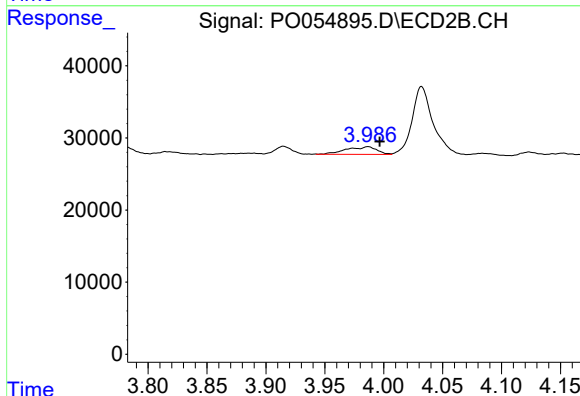
R.T.: 3.987 min
Delta R.T.: -0.010 min
Response: 19193
Conc: 20.82 ng/ml



#11 AR-1232-1

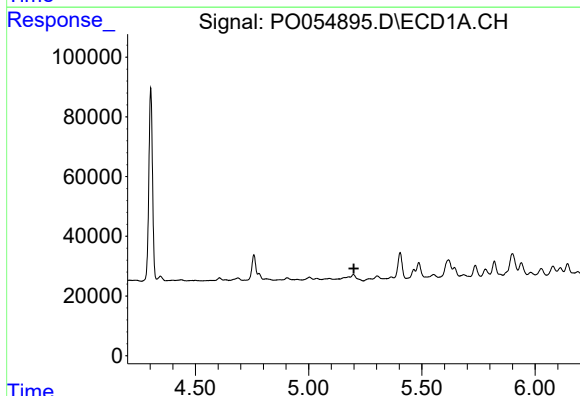
R.T.: 0.000 min
Exp R.T.: 4.675 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
COMP-17RE



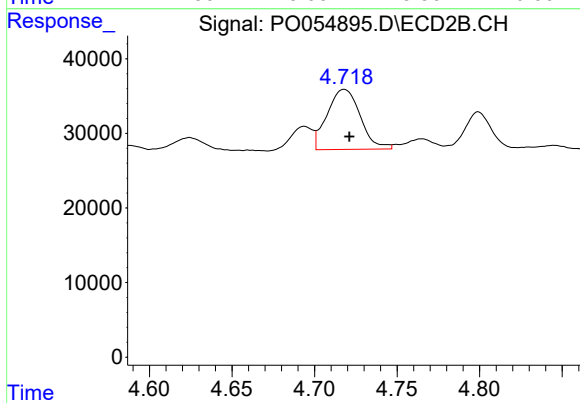
#11 AR-1232-1

R.T.: 3.987 min
Delta R.T.: -0.010 min
Response: 19193
Conc: 25.59 ng/ml



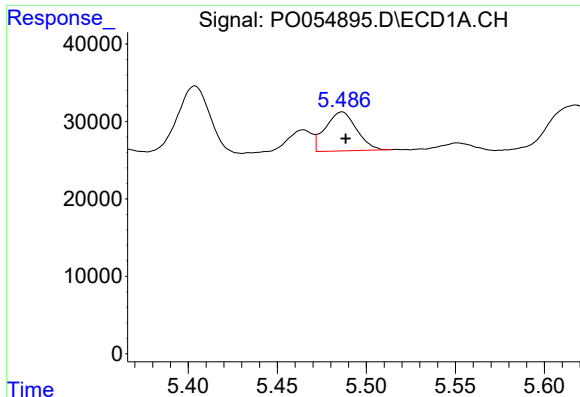
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.200 min
Response: 0
Conc: N.D.



#12 AR-1232-2

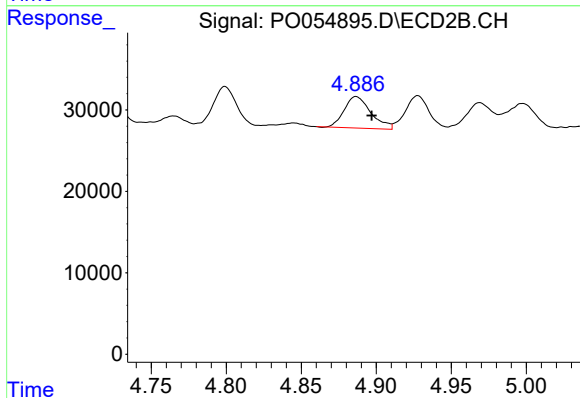
R.T.: 4.718 min
Delta R.T.: -0.003 min
Response: 112573
Conc: 130.73 ng/ml



#13 AR-1232-3

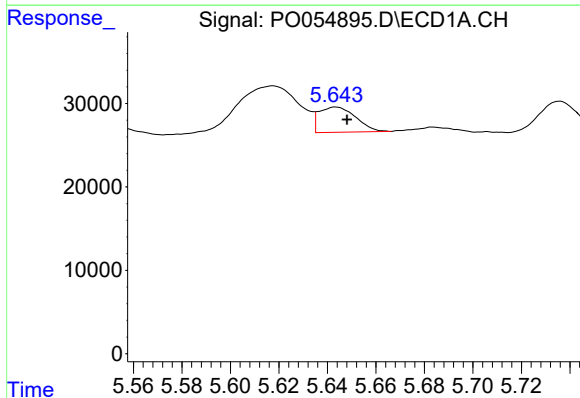
R.T.: 5.486 min
Delta R.T.: -0.002 min
Response: 61253
Conc: 62.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-17RE



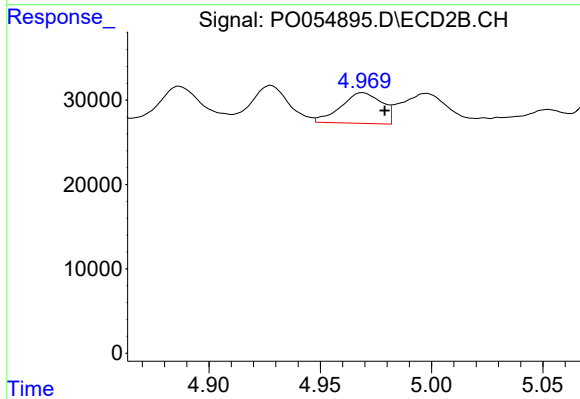
#13 AR-1232-3

R.T.: 4.886 min
Delta R.T.: -0.010 min
Response: 47804
Conc: 98.65 ng/ml



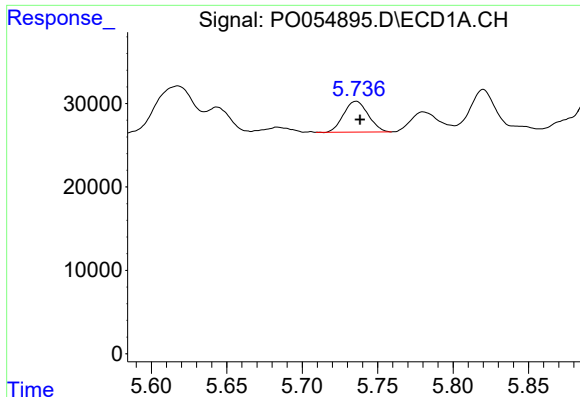
#14 AR-1232-4

R.T.: 5.643 min
Delta R.T.: -0.005 min
Response: 31889
Conc: 62.30 ng/ml



#14 AR-1232-4

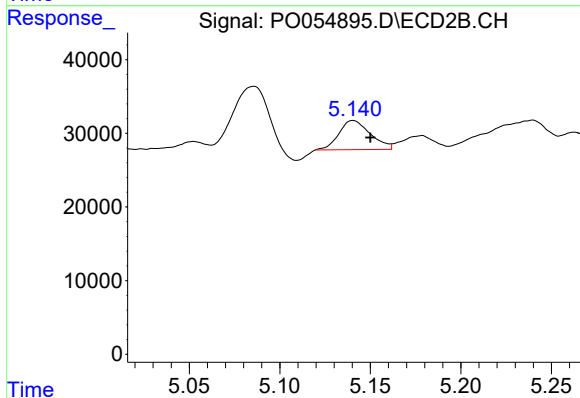
R.T.: 4.969 min
Delta R.T.: -0.010 min
Response: 46618
Conc: 106.09 ng/ml



#15 AR-1232-5

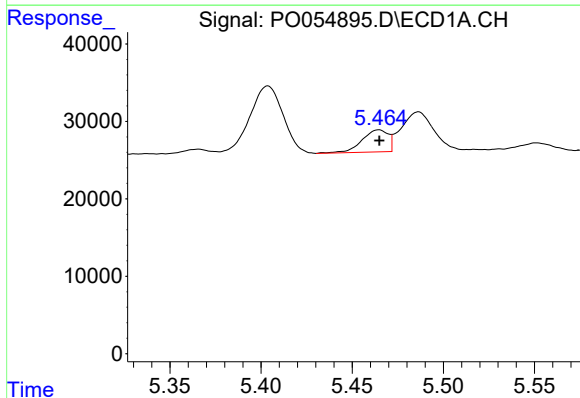
R.T.: 5.736 min
Delta R.T.: -0.002 min
Response: 41811
Conc: 100.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-17RE



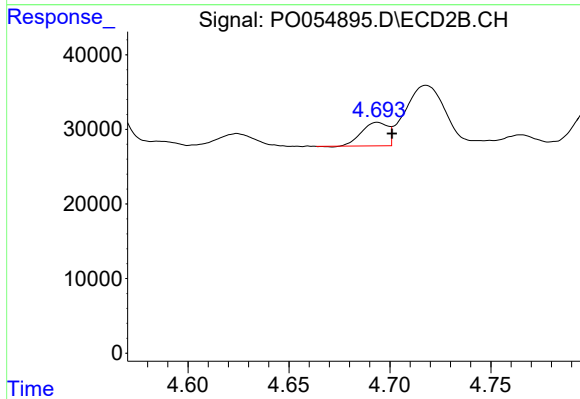
#15 AR-1232-5

R.T.: 5.141 min
Delta R.T.: -0.010 min
Response: 47980
Conc: 98.65 ng/ml



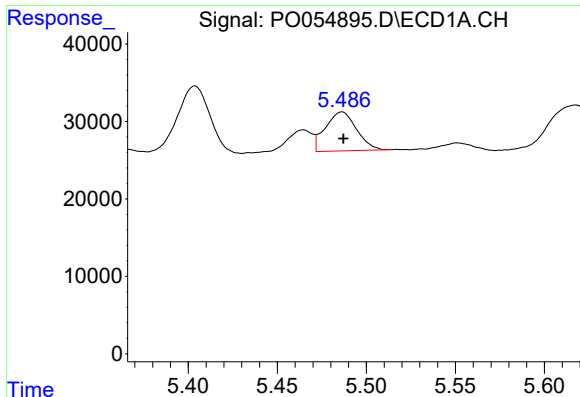
#16 AR-1242-1

R.T.: 5.465 min
Delta R.T.: 0.000 min
Response: 28486
Conc: 20.50 ng/ml



#16 AR-1242-1

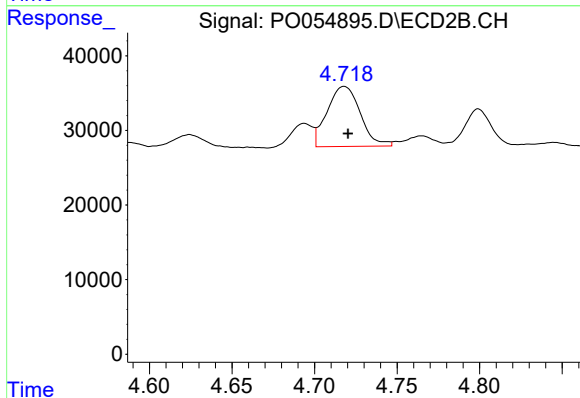
R.T.: 4.694 min
Delta R.T.: -0.007 min
Response: 28400
Conc: 23.13 ng/ml



#17 AR-1242-2

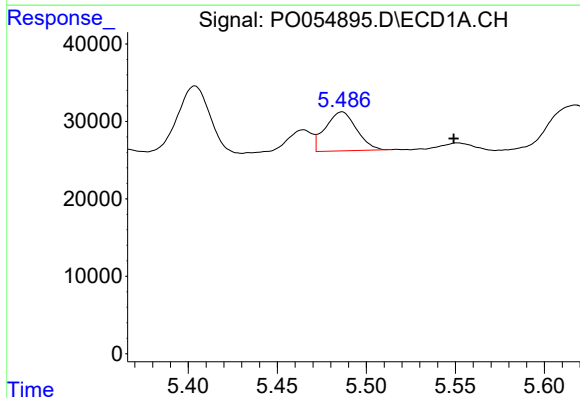
R.T.: 5.486 min
Delta R.T.: 0.000 min
Response: 61253
Conc: 32.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-17RE



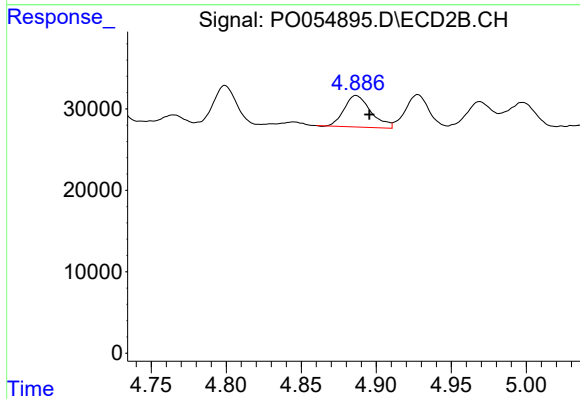
#17 AR-1242-2

R.T.: 4.718 min
Delta R.T.: -0.002 min
Response: 112573
Conc: 67.93 ng/ml



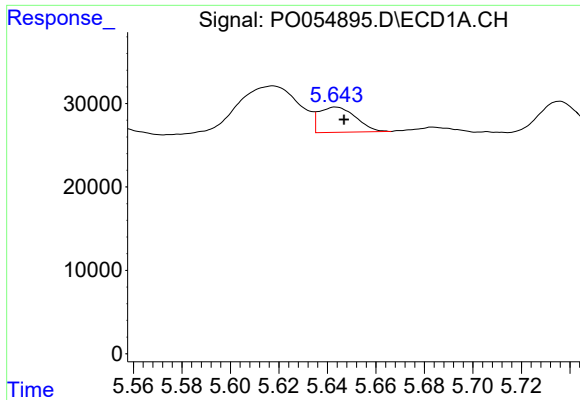
#18 AR-1242-3

R.T.: 5.486 min
Delta R.T.: -0.063 min
Response: 61253
Conc: 49.42 ng/ml



#18 AR-1242-3

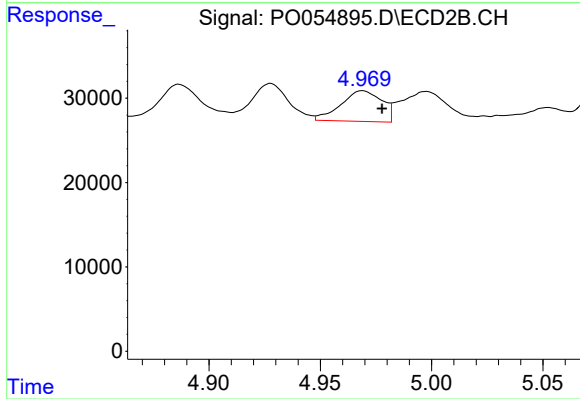
R.T.: 4.886 min
Delta R.T.: -0.009 min
Response: 47804
Conc: 50.46 ng/ml



#19 AR-1242-4

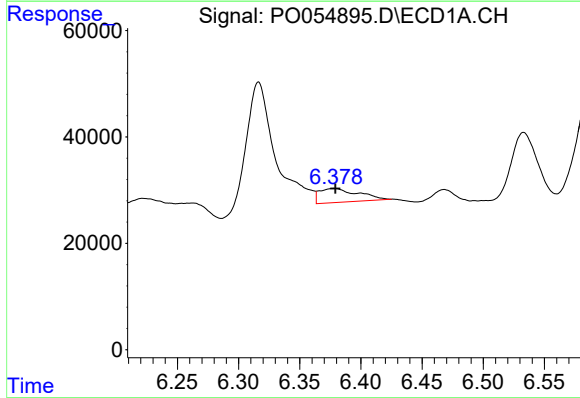
R.T.: 5.643 min
Delta R.T.: -0.003 min
Response: 31889
Conc: 31.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-17RE



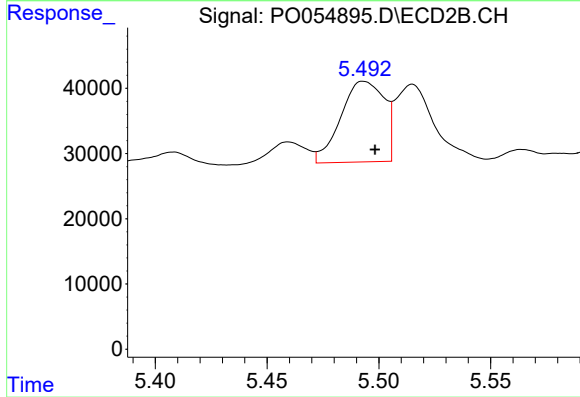
#19 AR-1242-4

R.T.: 4.969 min
Delta R.T.: -0.009 min
Response: 46618
Conc: 48.78 ng/ml



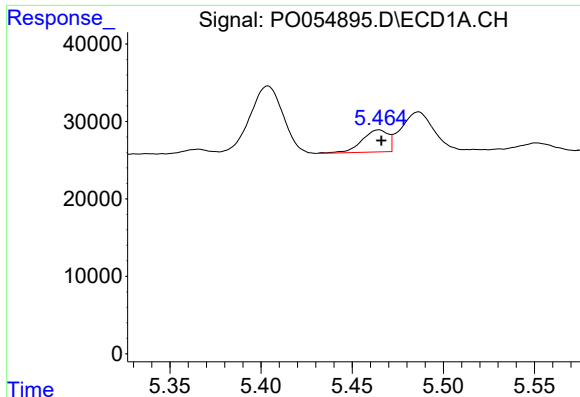
#20 AR-1242-5

R.T.: 6.378 min
Delta R.T.: 0.000 min
Response: 57255
Conc: 47.43 ng/ml



#20 AR-1242-5

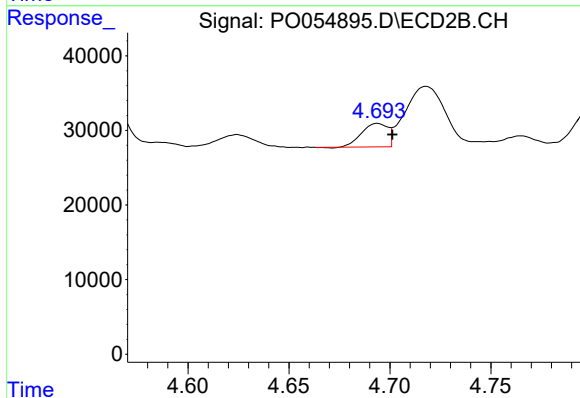
R.T.: 5.493 min
Delta R.T.: -0.005 min
Response: 167218
Conc: 135.96 ng/ml



#21 AR-1248-1

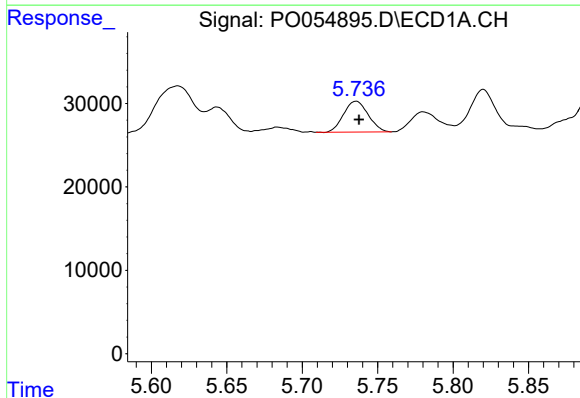
R.T.: 5.465 min
Delta R.T.: -0.001 min
Response: 28486
Conc: 28.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-17RE



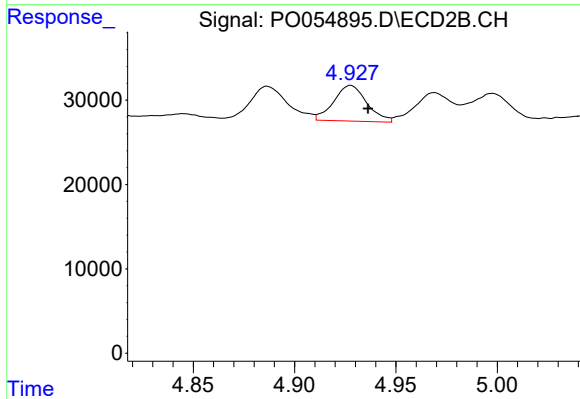
#21 AR-1248-1

R.T.: 4.694 min
Delta R.T.: -0.007 min
Response: 28400
Conc: 32.35 ng/ml



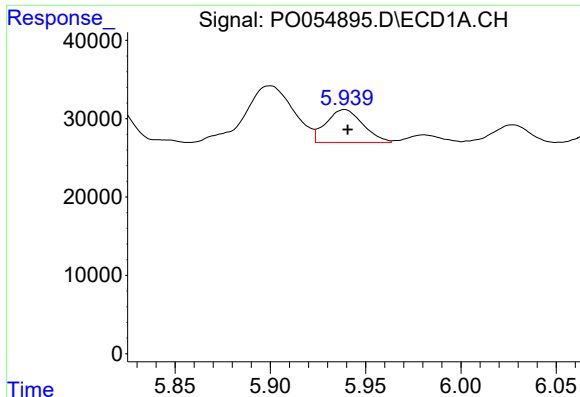
#22 AR-1248-2

R.T.: 5.736 min
Delta R.T.: -0.002 min
Response: 41811
Conc: 28.79 ng/ml



#22 AR-1248-2

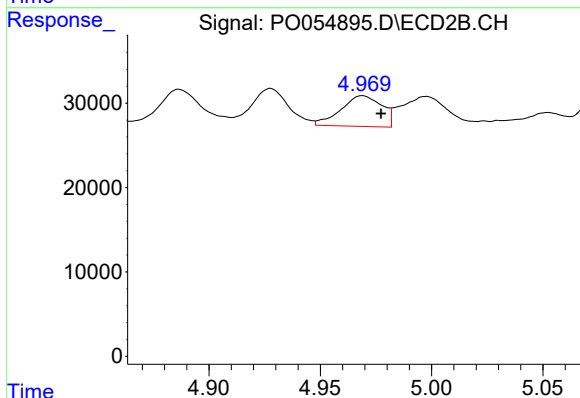
R.T.: 4.928 min
Delta R.T.: -0.008 min
Response: 48164
Conc: 39.85 ng/ml



#23 AR-1248-3

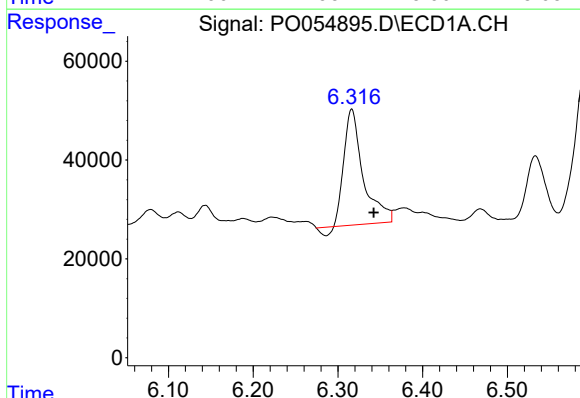
R.T.: 5.939 min
Delta R.T.: -0.002 min
Response: 56303
Conc: 35.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-17RE



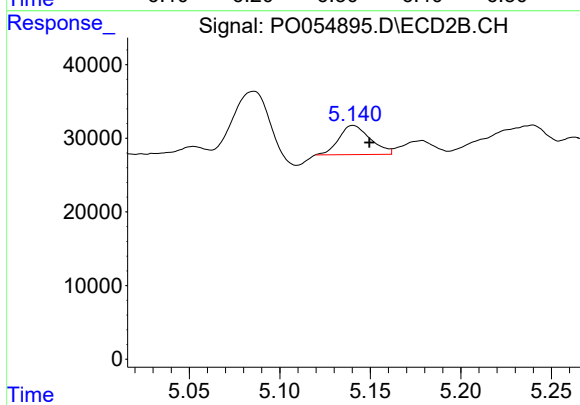
#23 AR-1248-3

R.T.: 4.969 min
Delta R.T.: -0.008 min
Response: 46618
Conc: 37.36 ng/ml



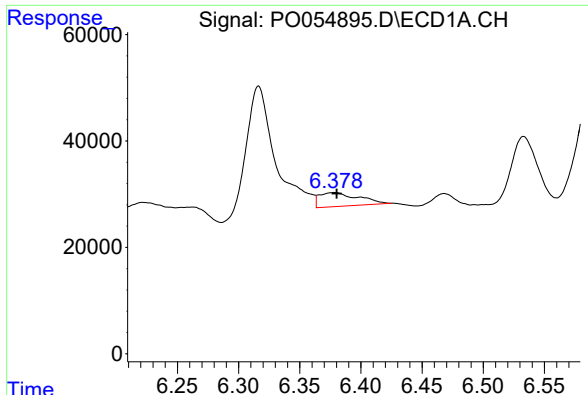
#24 AR-1248-4

R.T.: 6.316 min
Delta R.T.: -0.026 min
Response: 364975
Conc: 194.29 ng/ml



#24 AR-1248-4

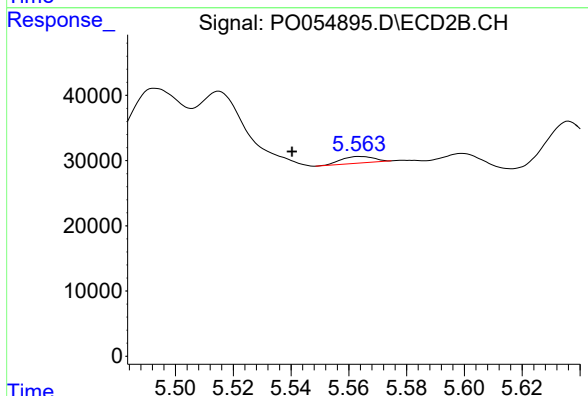
R.T.: 5.141 min
Delta R.T.: -0.009 min
Response: 47980
Conc: 31.50 ng/ml



#25 AR-1248-5

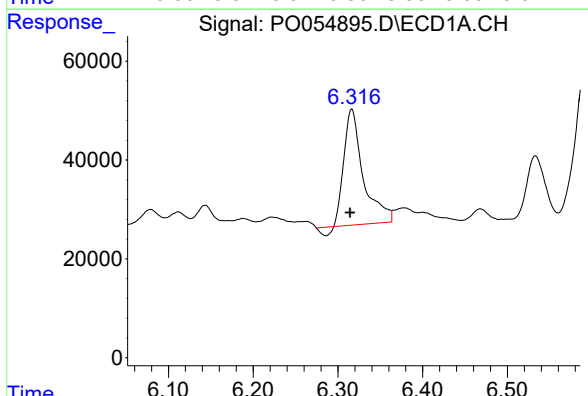
R.T.: 6.378 min
Delta R.T.: -0.002 min
Response: 57255
Conc: 31.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-17RE



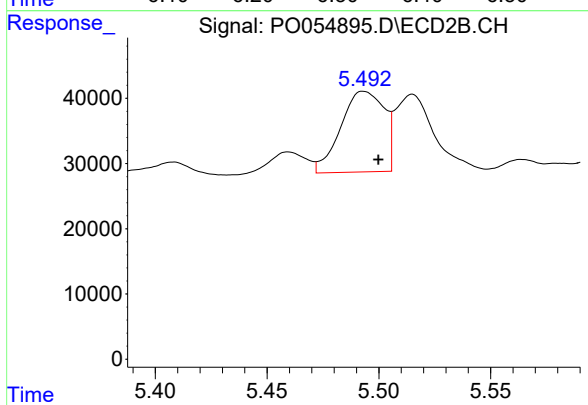
#25 AR-1248-5

R.T.: 5.564 min
Delta R.T.: 0.024 min
Response: 8014
Conc: 5.38 ng/ml



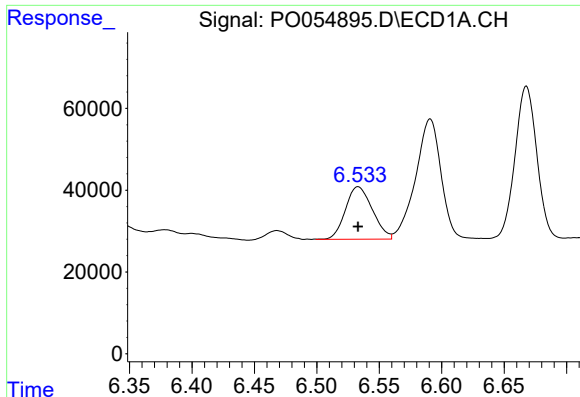
#26 AR-1254-1

R.T.: 6.316 min
Delta R.T.: 0.002 min
Response: 364975
Conc: 201.29 ng/ml



#26 AR-1254-1

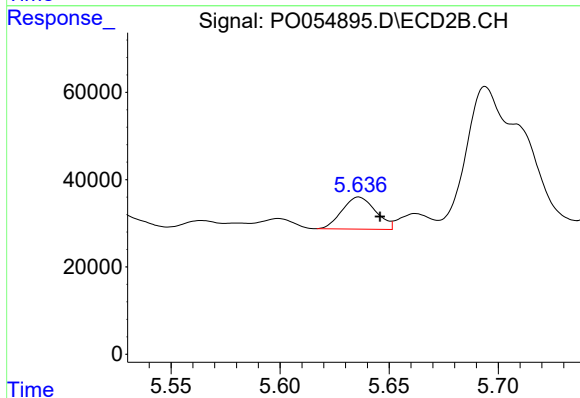
R.T.: 5.493 min
Delta R.T.: -0.007 min
Response: 167218
Conc: 76.51 ng/ml



#27 AR-1254-2

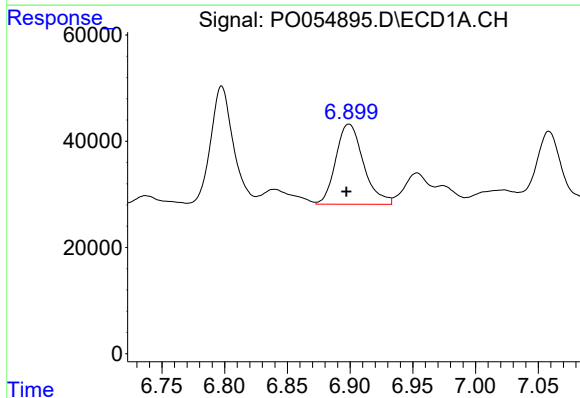
R.T.: 6.533 min
Delta R.T.: 0.000 min
Response: 193060
Conc: 67.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-17RE



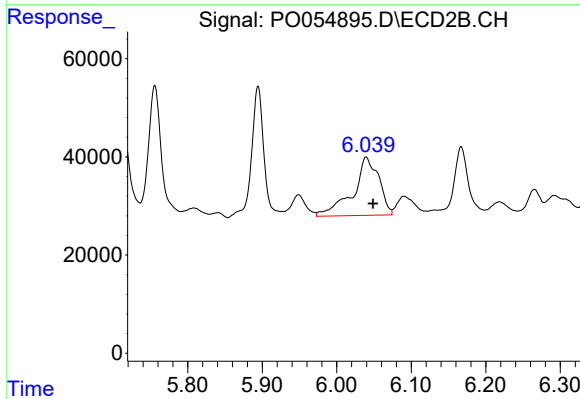
#27 AR-1254-2

R.T.: 5.636 min
Delta R.T.: -0.010 min
Response: 78774
Conc: 40.63 ng/ml



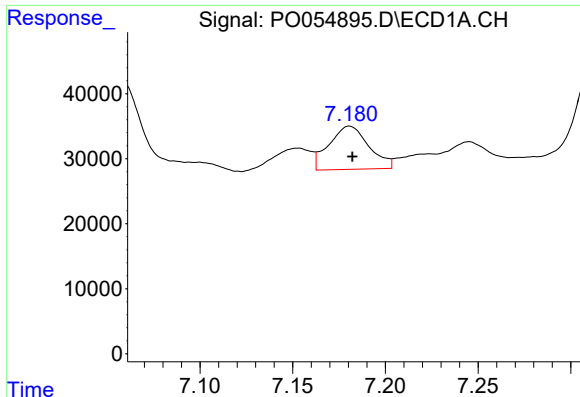
#28 AR-1254-3

R.T.: 6.899 min
Delta R.T.: 0.002 min
Response: 232322
Conc: 73.88 ng/ml



#28 AR-1254-3

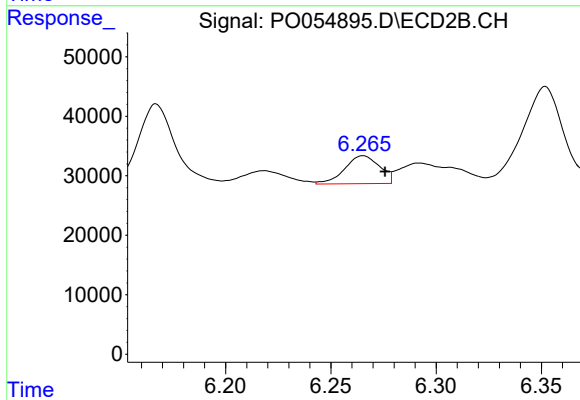
R.T.: 6.039 min
Delta R.T.: -0.009 min
Response: 287241
Conc: 89.60 ng/ml



#29 AR-1254-4

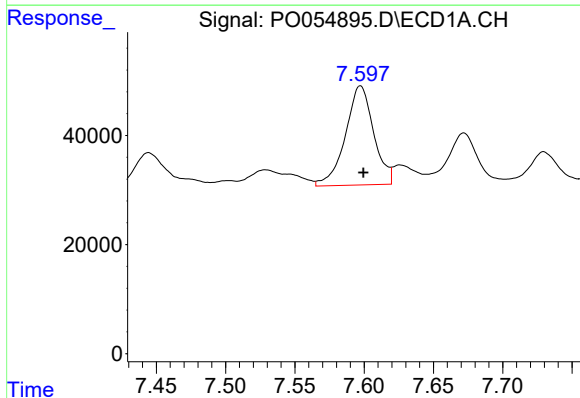
R.T.: 7.181 min
Delta R.T.: -0.002 min
Response: 99465
Conc: 40.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-17RE



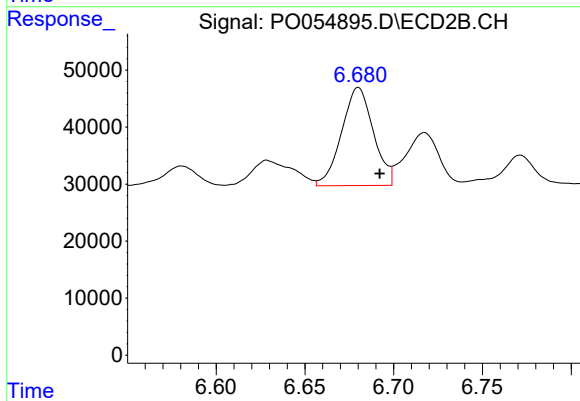
#29 AR-1254-4

R.T.: 6.265 min
Delta R.T.: -0.010 min
Response: 54359
Conc: 27.76 ng/ml



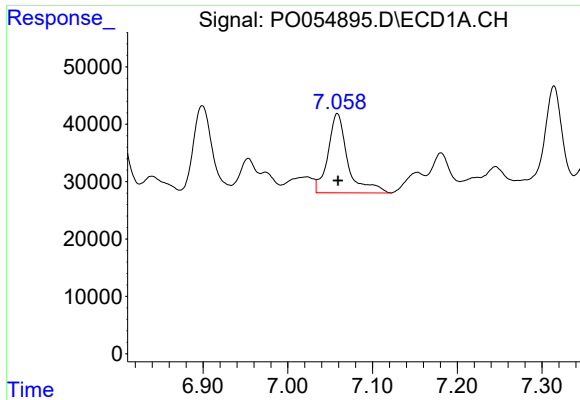
#30 AR-1254-5

R.T.: 7.597 min
Delta R.T.: -0.002 min
Response: 257528
Conc: 96.08 ng/ml



#30 AR-1254-5

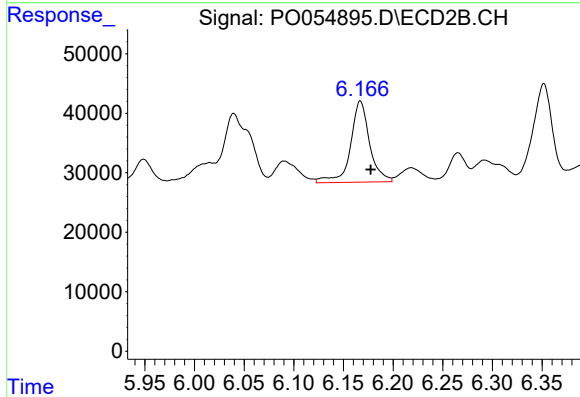
R.T.: 6.680 min
Delta R.T.: -0.012 min
Response: 214799
Conc: 74.72 ng/ml



#31 AR-1260-1

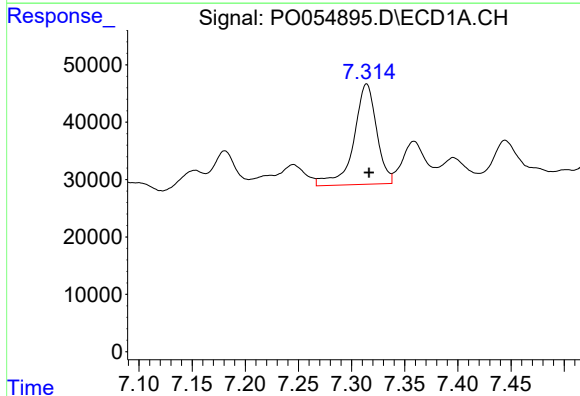
R.T.: 7.058 min
Delta R.T.: -0.001 min
Response: 224914
Conc: 89.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-17RE



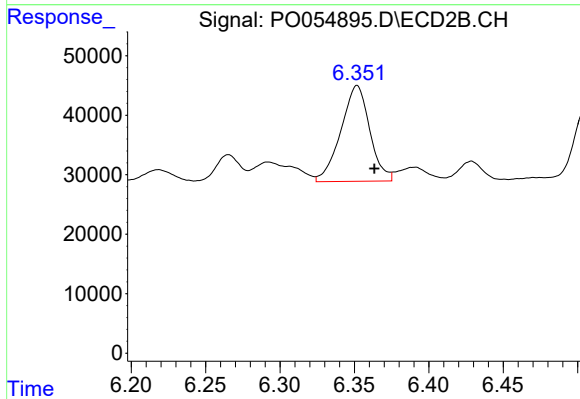
#31 AR-1260-1

R.T.: 6.167 min
Delta R.T.: -0.010 min
Response: 183143
Conc: 79.69 ng/ml



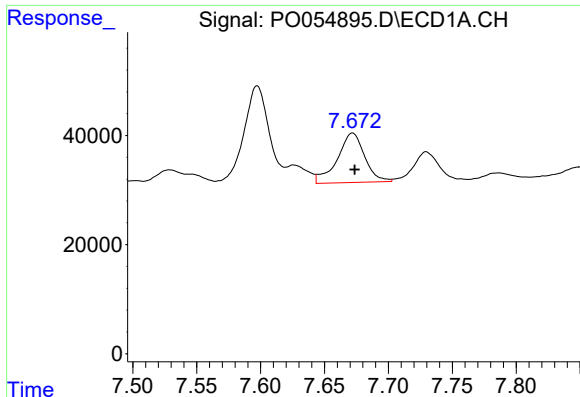
#32 AR-1260-2

R.T.: 7.314 min
Delta R.T.: -0.002 min
Response: 262463
Conc: 84.57 ng/ml



#32 AR-1260-2

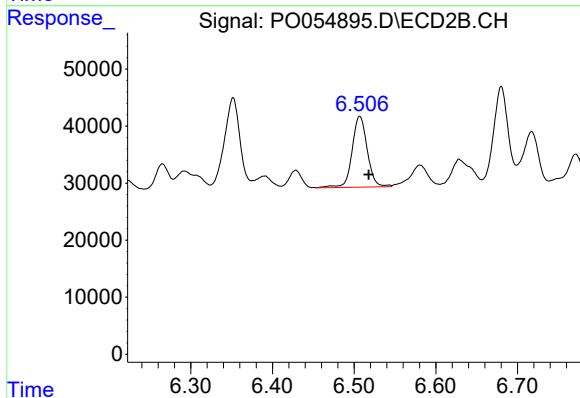
R.T.: 6.352 min
Delta R.T.: -0.012 min
Response: 217533
Conc: 79.02 ng/ml



#33 AR-1260-3

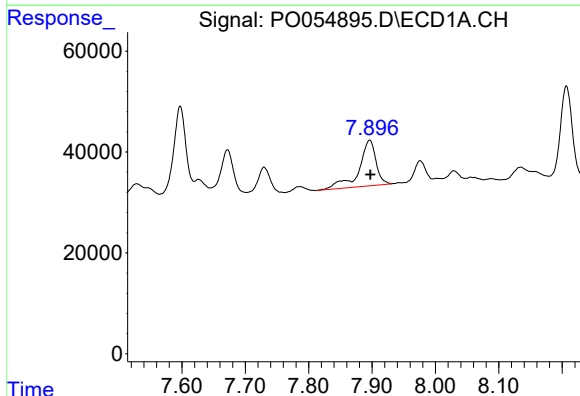
R.T.: 7.672 min
Delta R.T.: -0.002 min
Response: 134927
Conc: 54.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-17RE



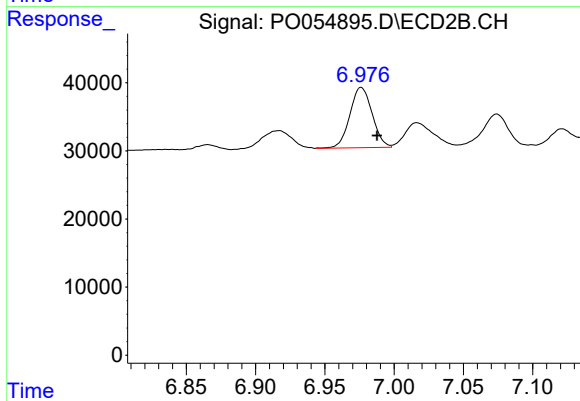
#33 AR-1260-3

R.T.: 6.507 min
Delta R.T.: -0.011 min
Response: 160102
Conc: 62.11 ng/ml



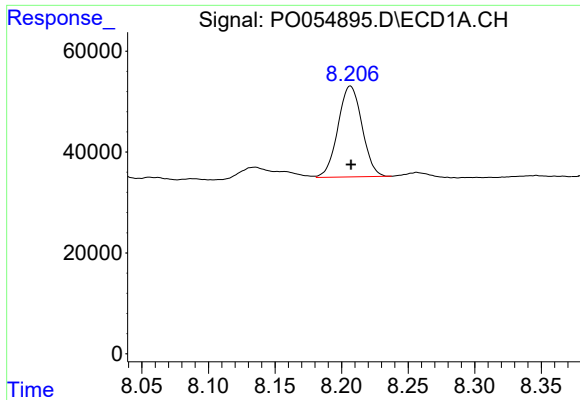
#34 AR-1260-4

R.T.: 7.896 min
Delta R.T.: 0.000 min
Response: 170706
Conc: 61.72 ng/ml



#34 AR-1260-4

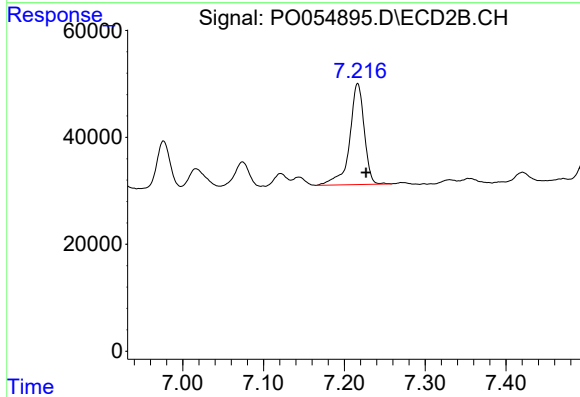
R.T.: 6.976 min
Delta R.T.: -0.011 min
Response: 99313
Conc: 46.67 ng/ml



#35 AR-1260-5

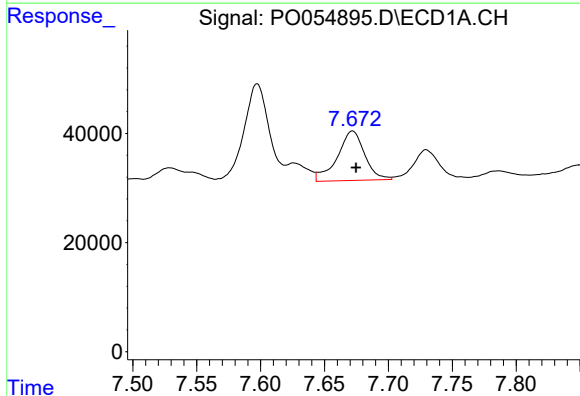
R.T.: 8.207 min
Delta R.T.: 0.000 min
Response: 226811
Conc: 40.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-17RE



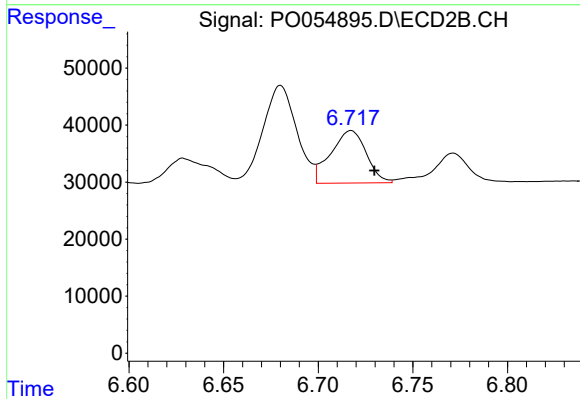
#35 AR-1260-5

R.T.: 7.217 min
Delta R.T.: -0.010 min
Response: 237085
Conc: 49.50 ng/ml



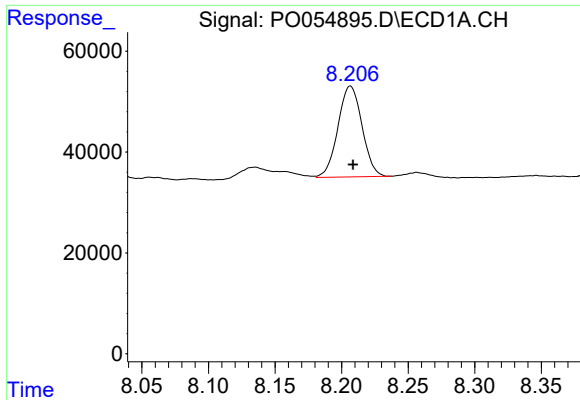
#36 AR-1262-1

R.T.: 7.672 min
Delta R.T.: -0.003 min
Response: 134927
Conc: 40.49 ng/ml



#36 AR-1262-1

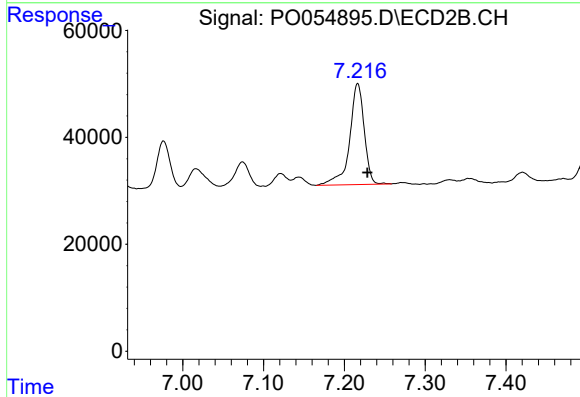
R.T.: 6.717 min
Delta R.T.: -0.012 min
Response: 120181
Conc: 40.40 ng/ml



#37 AR-1262-2

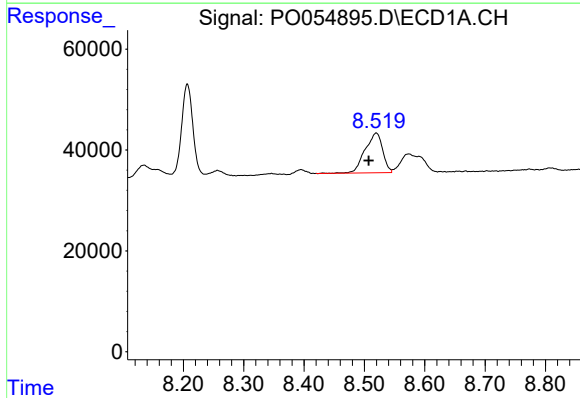
R.T.: 8.207 min
Delta R.T.: -0.002 min
Response: 226811
Conc: 38.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-17RE



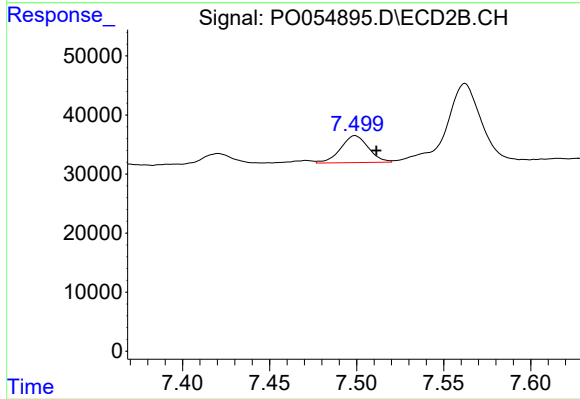
#37 AR-1262-2

R.T.: 7.217 min
Delta R.T.: -0.012 min
Response: 237085
Conc: 48.37 ng/ml



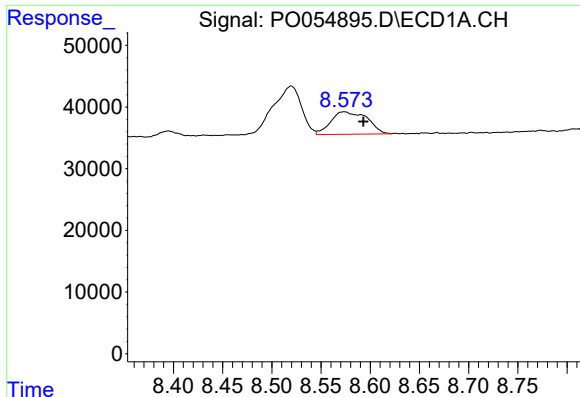
#38 AR-1262-3

R.T.: 8.520 min
Delta R.T.: 0.013 min
Response: 159726
Conc: 38.56 ng/ml



#38 AR-1262-3

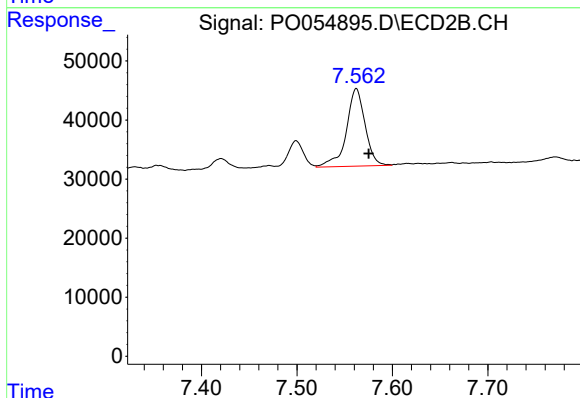
R.T.: 7.499 min
Delta R.T.: -0.012 min
Response: 50833
Conc: 24.76 ng/ml



#39 AR-1262-4

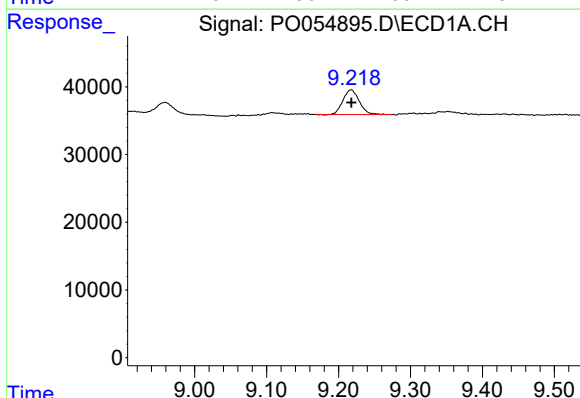
R.T.: 8.574 min
Delta R.T.: -0.019 min
Response: 93689
Conc: 29.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-17RE



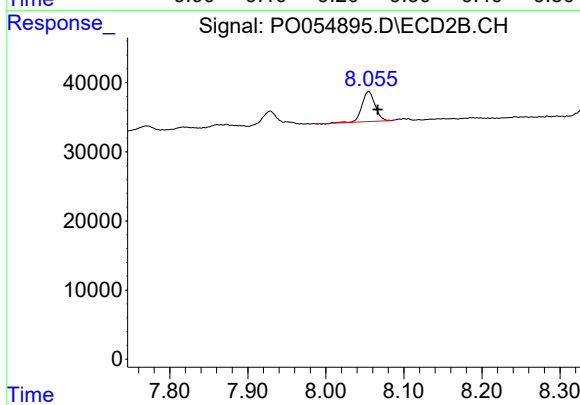
#39 AR-1262-4

R.T.: 7.562 min
Delta R.T.: -0.013 min
Response: 178702
Conc: 49.34 ng/ml



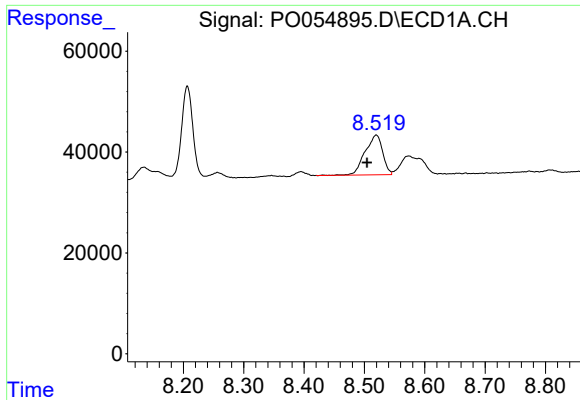
#40 AR-1262-5

R.T.: 9.218 min
Delta R.T.: 0.000 min
Response: 57818
Conc: 26.45 ng/ml



#40 AR-1262-5

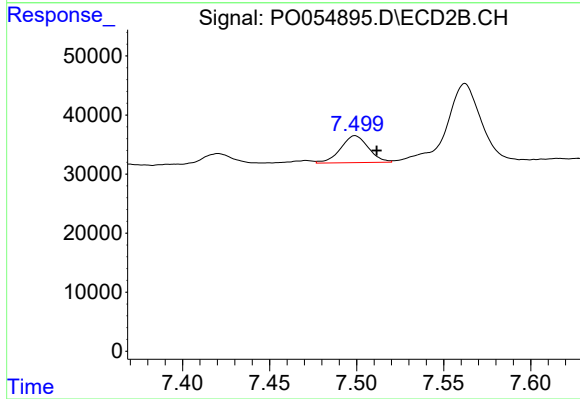
R.T.: 8.055 min
Delta R.T.: -0.012 min
Response: 51039
Conc: 31.62 ng/ml



#41 AR-1268-1

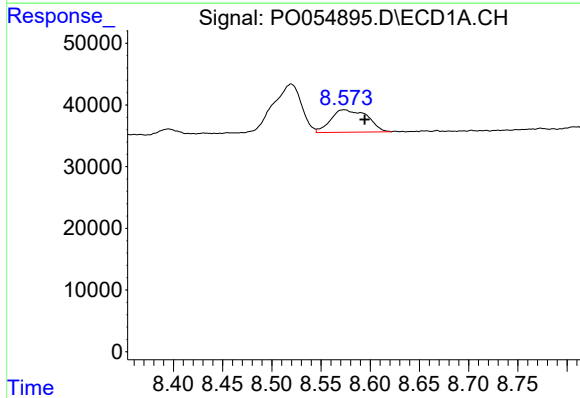
R.T.: 8.520 min
Delta R.T.: 0.015 min
Response: 159726
Conc: 22.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-17RE



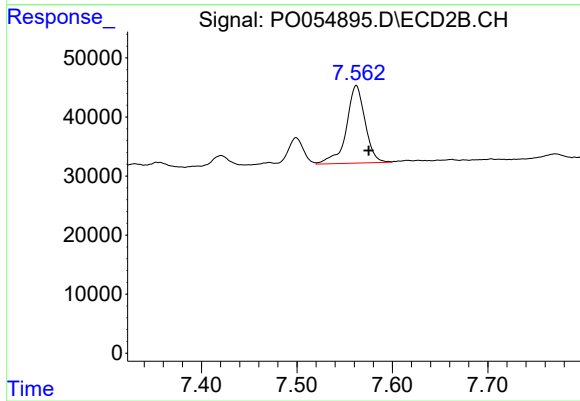
#41 AR-1268-1

R.T.: 7.499 min
Delta R.T.: -0.012 min
Response: 50833
Conc: 8.99 ng/ml



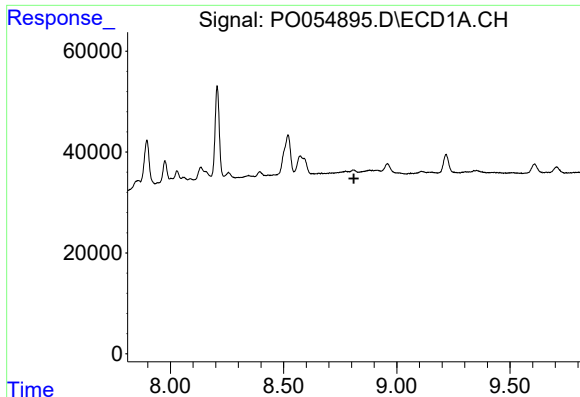
#42 AR-1268-2

R.T.: 8.574 min
Delta R.T.: -0.021 min
Response: 93689
Conc: 14.30 ng/ml



#42 AR-1268-2

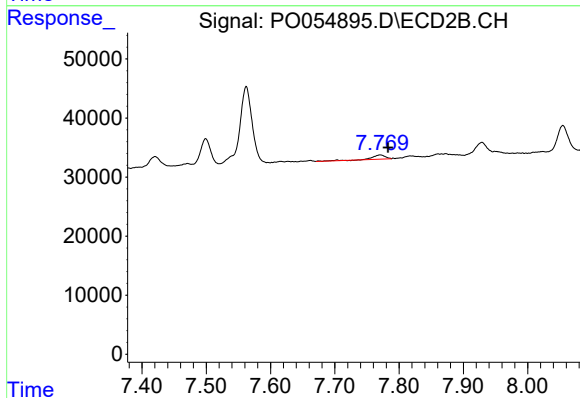
R.T.: 7.562 min
Delta R.T.: -0.013 min
Response: 178702
Conc: 34.55 ng/ml



#43 AR-1268-3

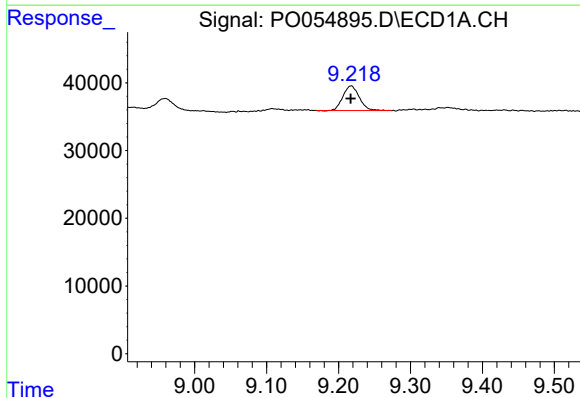
R.T.: 0.000 min
Exp R.T.: 8.810 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
COMP-17RE



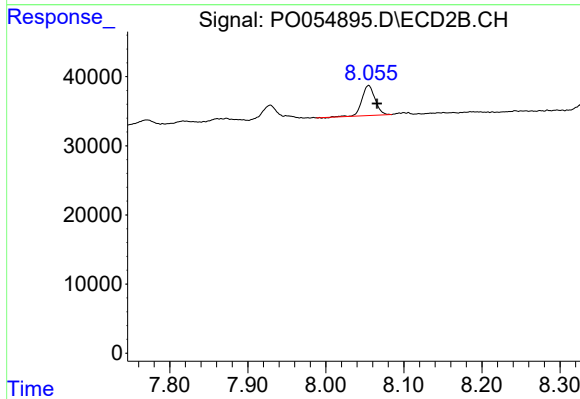
#43 AR-1268-3

R.T.: 7.771 min
Delta R.T.: -0.012 min
Response: 10485
Conc: 2.44 ng/ml



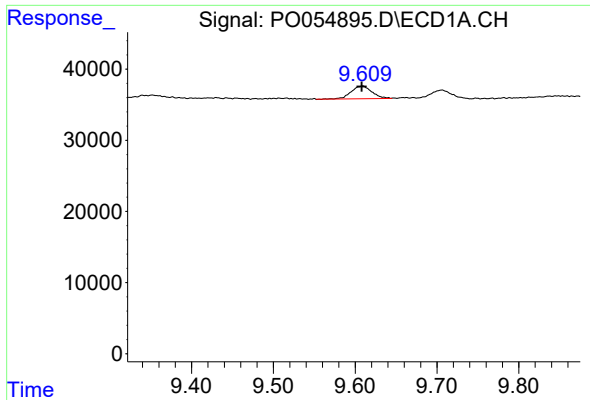
#44 AR-1268-4

R.T.: 9.218 min
Delta R.T.: 0.000 min
Response: 57818
Conc: 24.23 ng/ml



#44 AR-1268-4

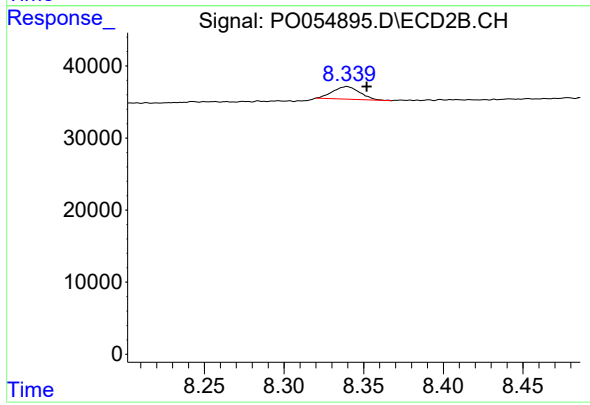
R.T.: 8.055 min
Delta R.T.: -0.011 min
Response: 51039
Conc: 27.53 ng/ml



#45 AR-1268-5

R.T.: 9.609 min
Delta R.T.: 0.000 min
Response: 31196
Conc: 1.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-17RE



#45 AR-1268-5

R.T.: 8.339 min
Delta R.T.: -0.012 min
Response: 20700
Conc: 1.82 ng/ml