

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0040319\
 Data File : P0054896.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 03 Apr 2019 18:54
 Operator : SM/SJ
 Sample : K2178-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :
 COMP-18

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 01:37:33 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	3.615	734492	726307	21.164	22.759
2)	SA Decachlor...	9.923	8.589	538585	398645	10.925	12.517
Target Compounds							
3)	L1 AR-1016-1	5.465	4.717	2968	19456	1.649	12.303 #
4)	L1 AR-1016-2	5.465	4.717	2968	19456	1.195	9.080 #
5)	L1 AR-1016-3	0.000	4.904	0	75881	N.D.	62.804 #
6)	L1 AR-1016-4	5.682	4.926	58577	25748	44.953	25.480 #
7)	L1 AR-1016-5	5.935	5.140	82357	11031	61.725	8.464 #
8)	L2 AR-1221-1	0.000	3.779	0	10074	N.D.	25.912 #
9)	L2 AR-1221-2	0.000	3.913	0	11862	N.D.	39.568 #
10)	L2 AR-1221-3	0.000	3.986	0	16412	N.D.	17.805 #
11)	L3 AR-1232-1	0.000	3.986	0	16412	N.D.	21.886 #
12)	L3 AR-1232-2	0.000	4.717	0	19456	N.D.	22.595 #
13)	L3 AR-1232-3	5.465	4.904	2968	75881	3.037	156.597 #
14)	L3 AR-1232-4	5.682	4.994	58577	55874	114.441	127.160
15)	L3 AR-1232-5	5.783	5.140	24881	11031	59.811	22.682 #
16)	L4 AR-1242-1	5.465	4.717	2968	19456	2.136	15.848 #
17)	L4 AR-1242-2	5.465	4.717	2968	19456	1.551	11.740 #
18)	L4 AR-1242-3	0.000	4.904	0	75881	N.D.	80.100 #
19)	L4 AR-1242-4	5.682	4.994	58577	55874	57.454	58.461
20)	L4 AR-1242-5	6.400	5.490	97348	86920	80.642	70.673
21)	L5 AR-1248-1	5.465	4.717	2968	19456	2.969	22.166 #
22)	L5 AR-1248-2	5.783	4.926	24881	25748	17.132	21.305
23)	L5 AR-1248-3	5.935	4.994	82357	55874	51.565	44.779
24)	L5 AR-1248-4	6.346	5.140	94038	11031	50.059	7.243 #
25)	L5 AR-1248-5	6.400	5.564	97348	39972	54.299	26.811 #
26)	L6 AR-1254-1	6.314	5.490	271080	86920	149.505	39.772 #
27)	L6 AR-1254-2	6.531	5.636	159826	55432	55.986	28.589 #
28)	L6 AR-1254-3	6.898	6.038	269866	307527	85.816	95.931
29)	L6 AR-1254-4	7.180	6.264	72410	40912	29.599	20.896 #
30)	L6 AR-1254-5	7.597	6.679	235786	218722	87.970	76.085
31)	L7 AR-1260-1	7.057	6.166	291087	185594	115.849	80.761 #
32)	L7 AR-1260-2	7.312	6.351	189458	172969	61.046	62.835
33)	L7 AR-1260-3	7.671	6.506	106782	135973	43.507	52.746
34)	L7 AR-1260-4	7.894	6.976	150884	88846	54.549	41.748
35)	L7 AR-1260-5	8.206	7.215	212143	231980	38.234	48.437 #
36)	L8 AR-1262-1	7.671	6.716	106782	115778	32.047	38.918
37)	L8 AR-1262-2	8.206	7.215	212143	231980	35.808	47.332 #
38)	L8 AR-1262-3	8.521	7.498	211017	59610	50.936	29.029 #
39)	L8 AR-1262-4	8.590	7.561	86403	171120	26.817	47.243 #
40)	L8 AR-1262-5	9.215	8.054	58038	49966	26.547	30.960
41)	L9 AR-1268-1	8.521	7.498	211017	59610	29.648	10.543 #

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 Misc :
 ALS Vial : 11 Sample Multiplier: 1

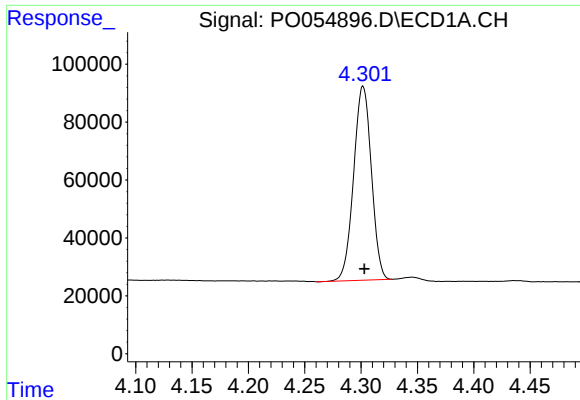
Instrument :
 ECD_O
 ClientSampleId :
 COMP-18

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 01:37:33 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0032519.M
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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
42) L9	AR-1268-2	8.590	7.561	86403	171120	13.187	33.089 #
43) L9	AR-1268-3	8.877	7.767	25487	24718	4.679	5.744
44) L9	AR-1268-4	9.215	8.054	58038	49966	24.327	26.952
45) L9	AR-1268-5	9.607	8.339	60972	34223	3.701	3.007

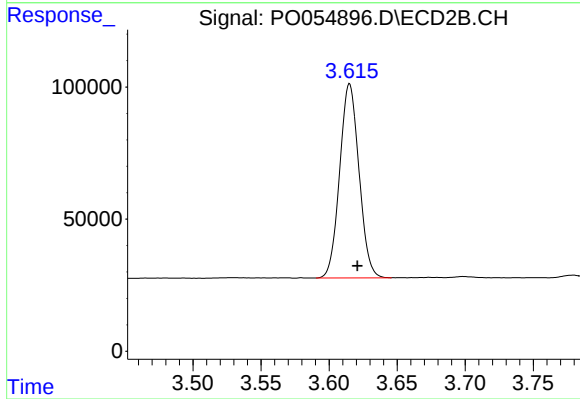
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

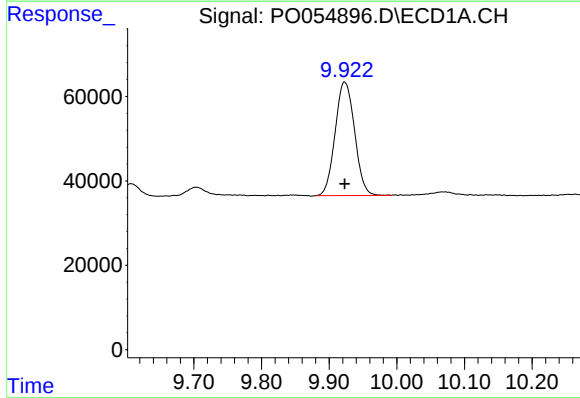
R.T.: 4.302 min
Delta R.T.: -0.001 min
Response: 734492
Conc: 21.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-18



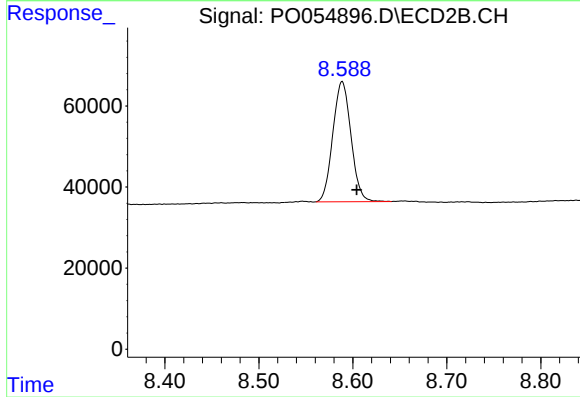
#1 Tetrachloro-m-xylene

R.T.: 3.615 min
Delta R.T.: -0.006 min
Response: 726307
Conc: 22.76 ng/ml



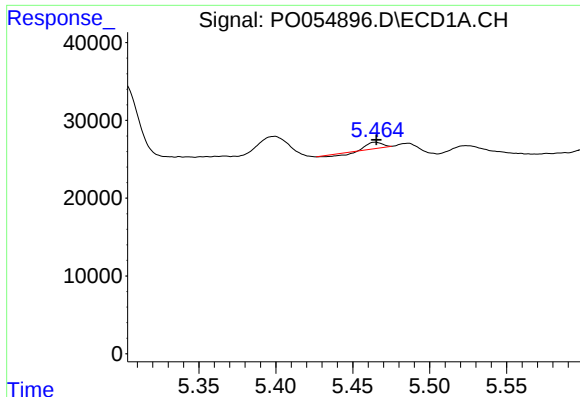
#2 Decachlorobiphenyl

R.T.: 9.923 min
Delta R.T.: 0.000 min
Response: 538585
Conc: 10.93 ng/ml



#2 Decachlorobiphenyl

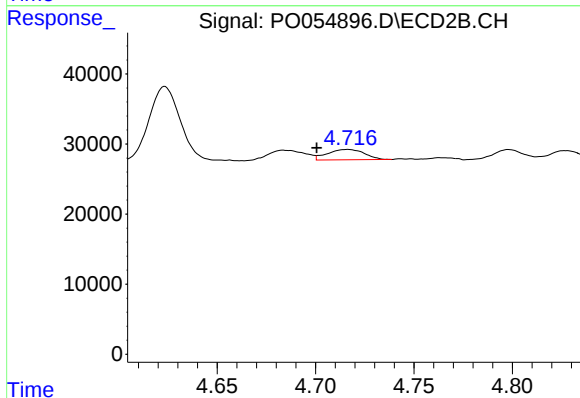
R.T.: 8.589 min
Delta R.T.: -0.015 min
Response: 398645
Conc: 12.52 ng/ml



#3 AR-1016-1

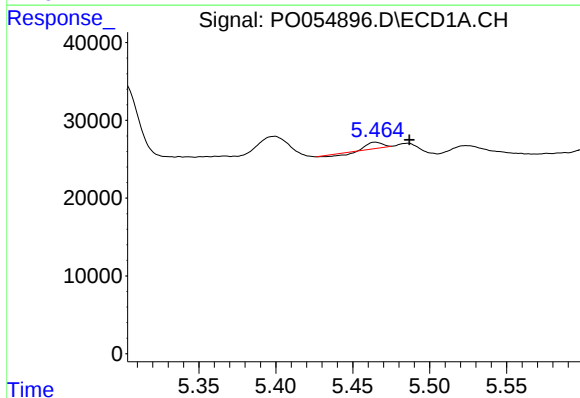
R.T.: 5.465 min
Delta R.T.: 0.000 min
Response: 2968
Conc: 1.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-18



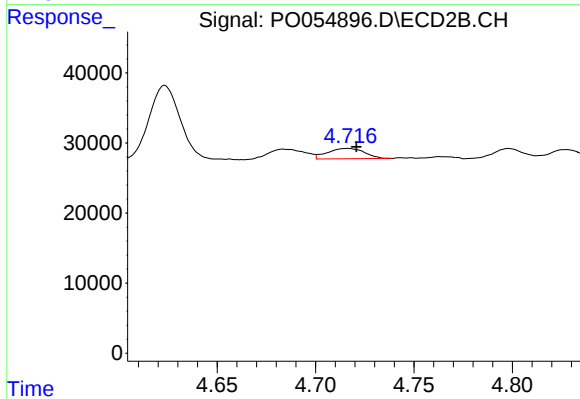
#3 AR-1016-1

R.T.: 4.717 min
Delta R.T.: 0.016 min
Response: 19456
Conc: 12.30 ng/ml



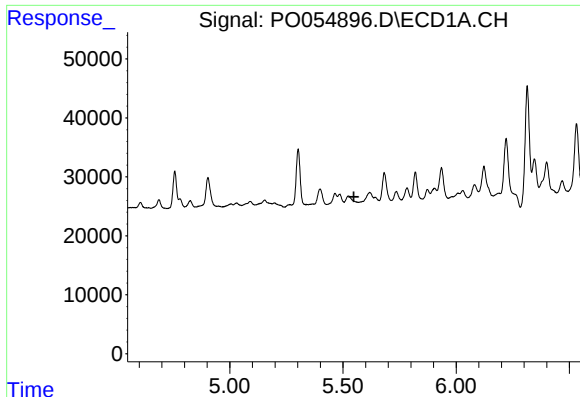
#4 AR-1016-2

R.T.: 5.465 min
Delta R.T.: -0.022 min
Response: 2968
Conc: 1.19 ng/ml



#4 AR-1016-2

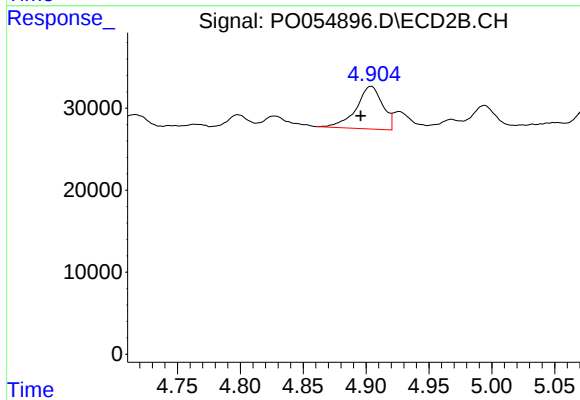
R.T.: 4.717 min
Delta R.T.: -0.004 min
Response: 19456
Conc: 9.08 ng/ml



#5 AR-1016-3

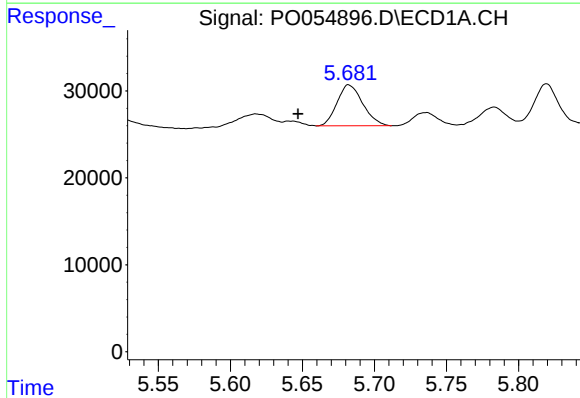
R.T.: 0.000 min
Exp R.T.: 5.548 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
COMP-18



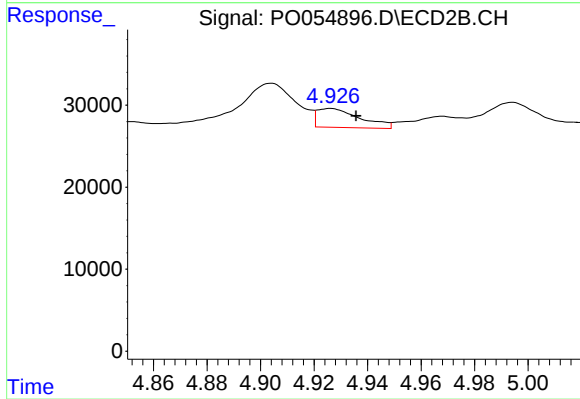
#5 AR-1016-3

R.T.: 4.904 min
Delta R.T.: 0.008 min
Response: 75881
Conc: 62.80 ng/ml



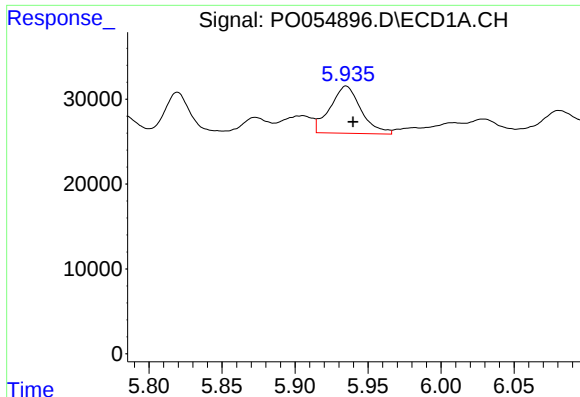
#6 AR-1016-4

R.T.: 5.682 min
Delta R.T.: 0.035 min
Response: 58577
Conc: 44.95 ng/ml



#6 AR-1016-4

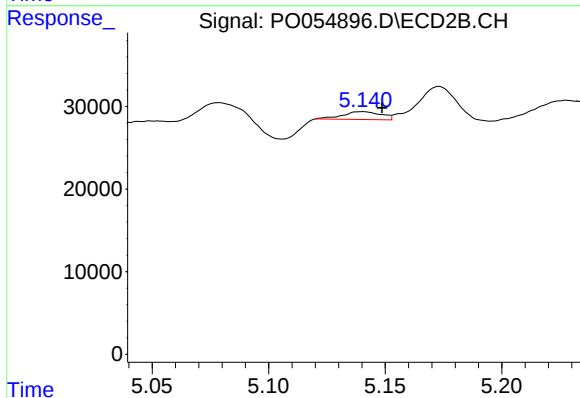
R.T.: 4.926 min
Delta R.T.: -0.009 min
Response: 25748
Conc: 25.48 ng/ml



#7 AR-1016-5

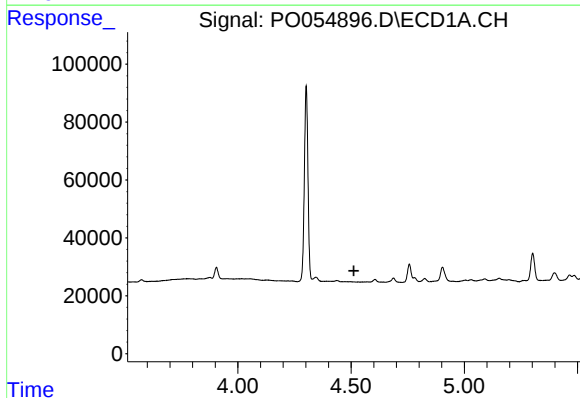
R.T.: 5.935 min
Delta R.T.: -0.005 min
Response: 82357
Conc: 61.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-18



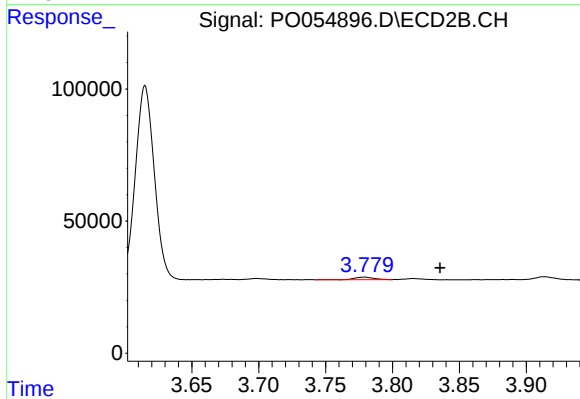
#7 AR-1016-5

R.T.: 5.140 min
Delta R.T.: -0.008 min
Response: 11031
Conc: 8.46 ng/ml



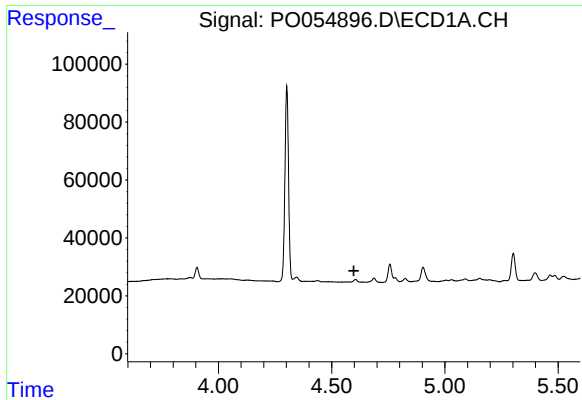
#8 AR-1221-1

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



#8 AR-1221-1

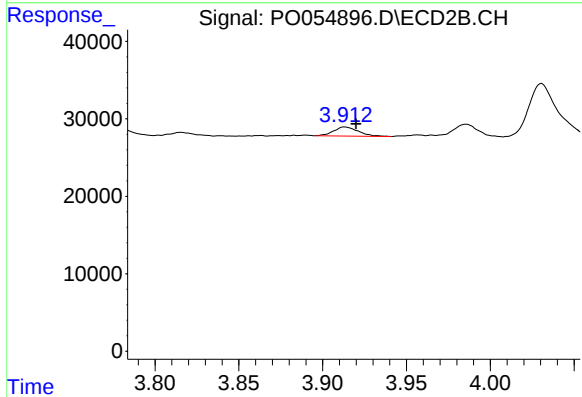
R.T.: 3.779 min
Delta R.T.: -0.056 min
Response: 10074
Conc: 25.91 ng/ml



#9 AR-1221-2

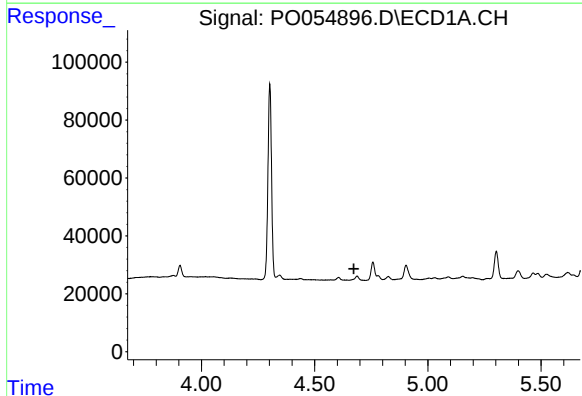
R.T.: 0.000 min
Exp R.T.: 4.598 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
COMP-18



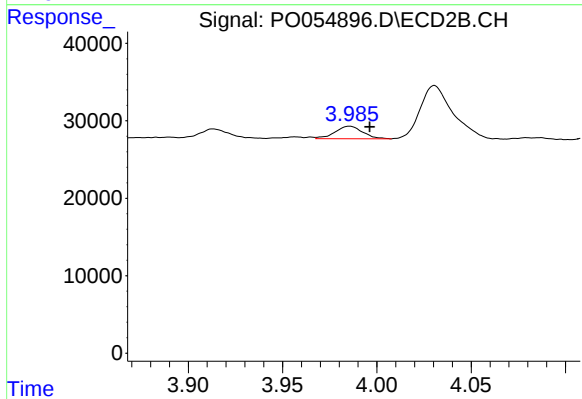
#9 AR-1221-2

R.T.: 3.913 min
Delta R.T.: -0.007 min
Response: 11862
Conc: 39.57 ng/ml



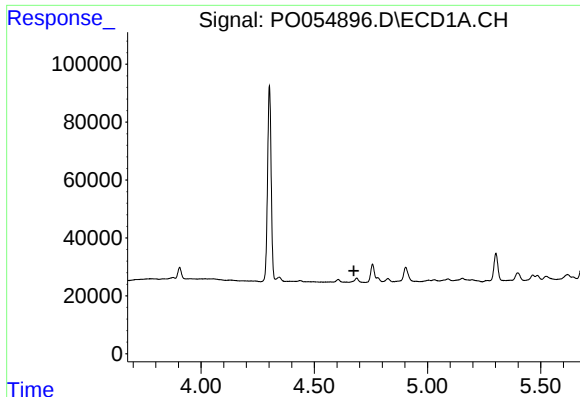
#10 AR-1221-3

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



#10 AR-1221-3

R.T.: 3.986 min
Delta R.T.: -0.011 min
Response: 16412
Conc: 17.80 ng/ml



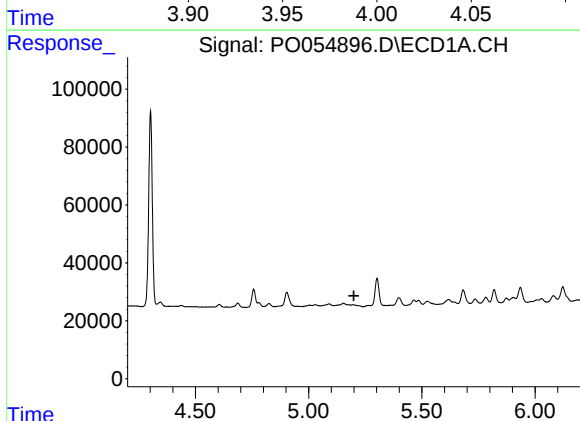
#11 AR-1232-1

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

Instrument :
ECD_O
ClientSampleId :
COMP-18

#11 AR-1232-1

R.T.: 3.986 min
Delta R.T.: -0.011 min
Response: 16412
Conc: 21.89 ng/ml

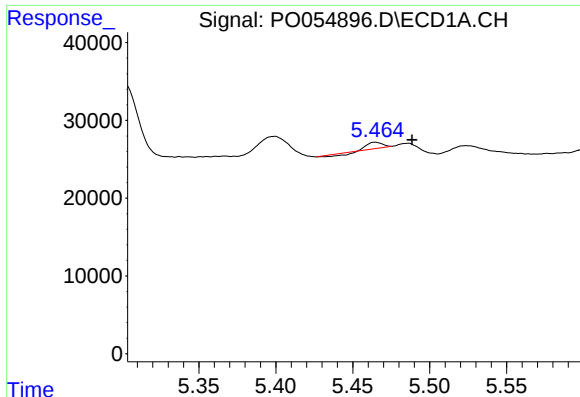


#12 AR-1232-2

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

#12 AR-1232-2

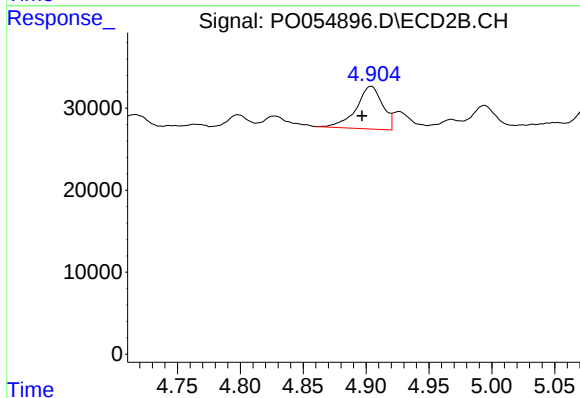
R.T.: 4.717 min
Delta R.T.: -0.004 min
Response: 19456
Conc: 22.59 ng/ml



#13 AR-1232-3

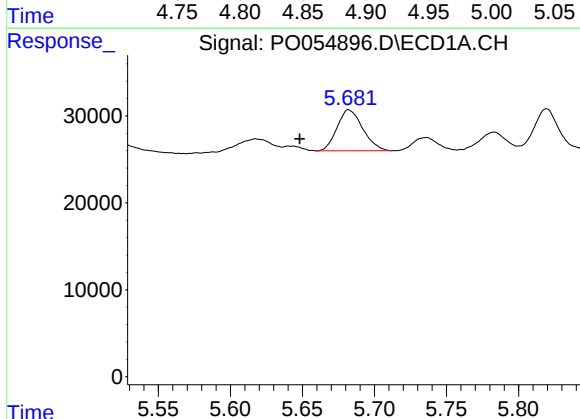
R.T.: 5.465 min
Delta R.T.: -0.024 min
Response: 2968
Conc: 3.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-18



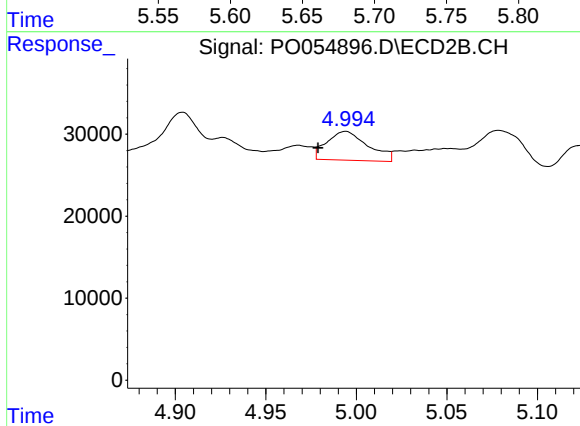
#13 AR-1232-3

R.T.: 4.904 min
Delta R.T.: 0.007 min
Response: 75881
Conc: 156.60 ng/ml



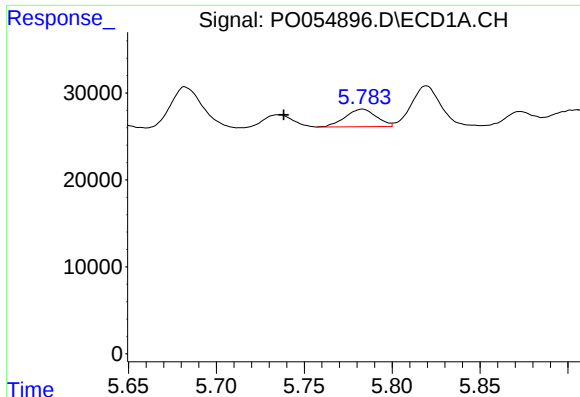
#14 AR-1232-4

R.T.: 5.682 min
Delta R.T.: 0.034 min
Response: 58577
Conc: 114.44 ng/ml



#14 AR-1232-4

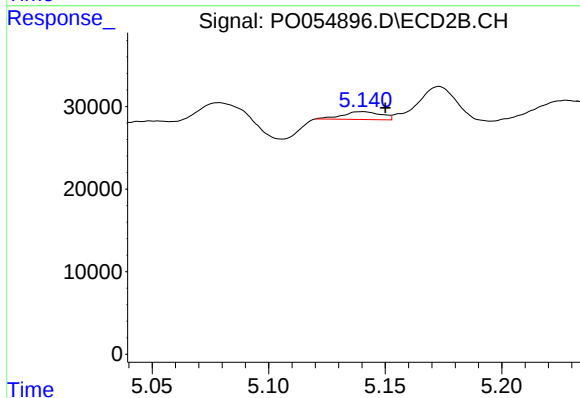
R.T.: 4.994 min
Delta R.T.: 0.015 min
Response: 55874
Conc: 127.16 ng/ml



#15 AR-1232-5

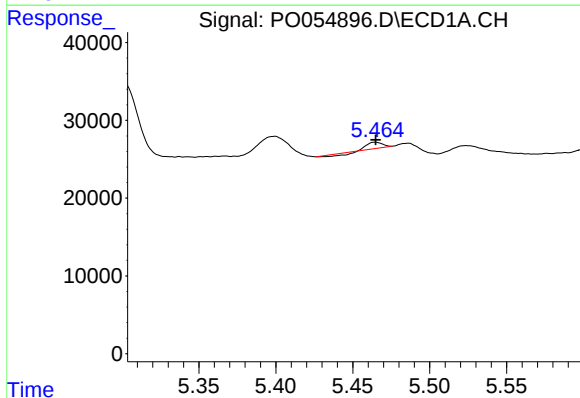
R.T.: 5.783 min
Delta R.T.: 0.045 min
Response: 24881
Conc: 59.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-18



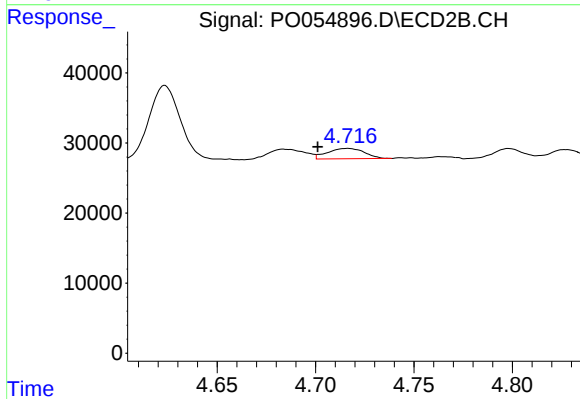
#15 AR-1232-5

R.T.: 5.140 min
Delta R.T.: -0.010 min
Response: 11031
Conc: 22.68 ng/ml



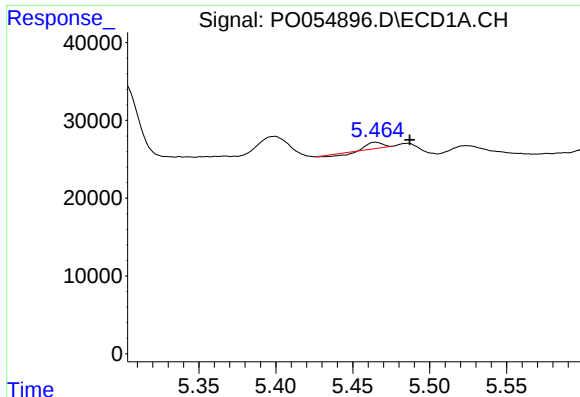
#16 AR-1242-1

R.T.: 5.465 min
Delta R.T.: 0.000 min
Response: 2968
Conc: 2.14 ng/ml



#16 AR-1242-1

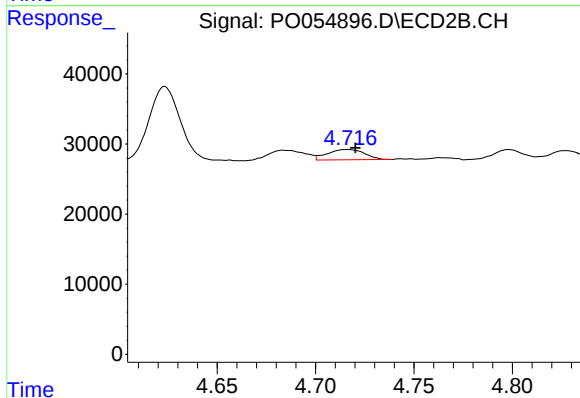
R.T.: 4.717 min
Delta R.T.: 0.016 min
Response: 19456
Conc: 15.85 ng/ml



#17 AR-1242-2

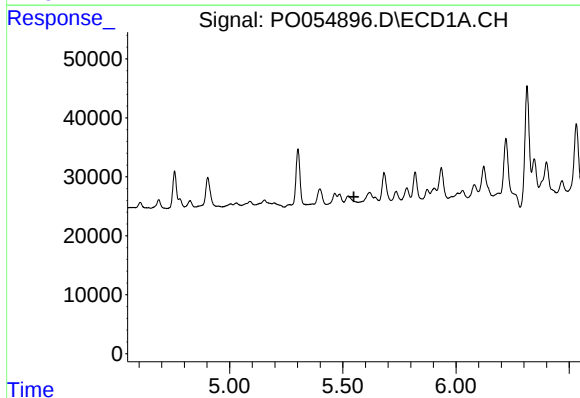
R.T.: 5.465 min
Delta R.T.: -0.022 min
Response: 2968
Conc: 1.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-18



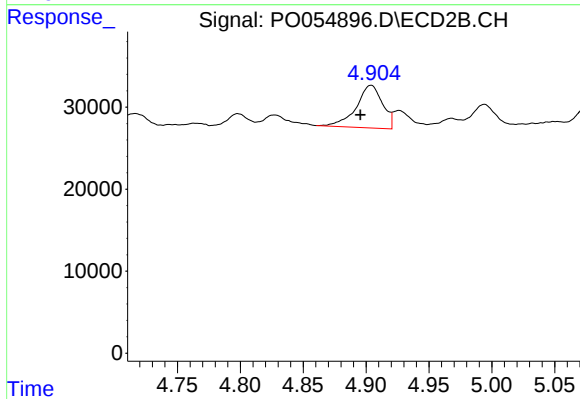
#17 AR-1242-2

R.T.: 4.717 min
Delta R.T.: -0.004 min
Response: 19456
Conc: 11.74 ng/ml



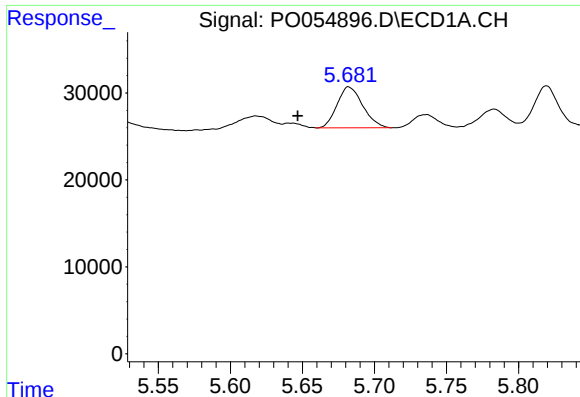
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.549 min
Response: 0
Conc: N.D.



#18 AR-1242-3

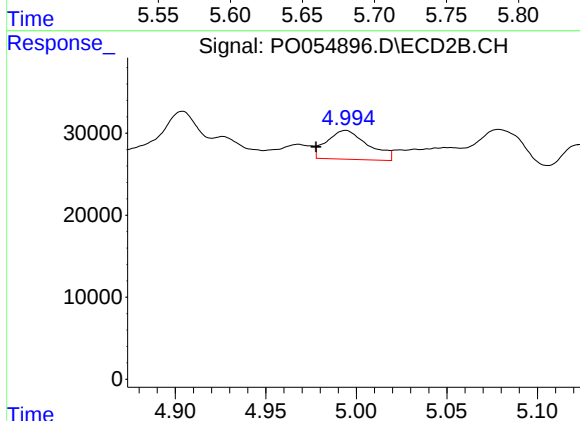
R.T.: 4.904 min
Delta R.T.: 0.009 min
Response: 75881
Conc: 80.10 ng/ml



#19 AR-1242-4

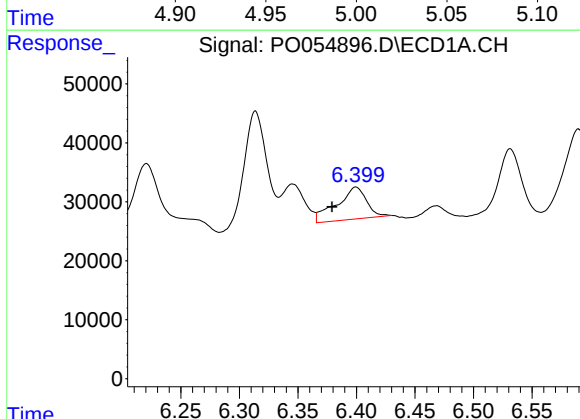
R.T.: 5.682 min
Delta R.T.: 0.035 min
Response: 58577
Conc: 57.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-18



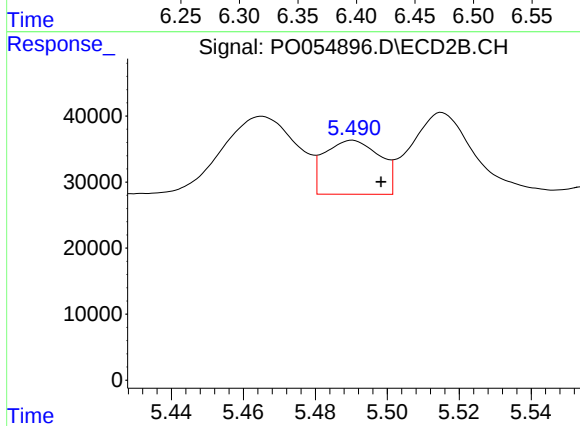
#19 AR-1242-4

R.T.: 4.994 min
Delta R.T.: 0.017 min
Response: 55874
Conc: 58.46 ng/ml



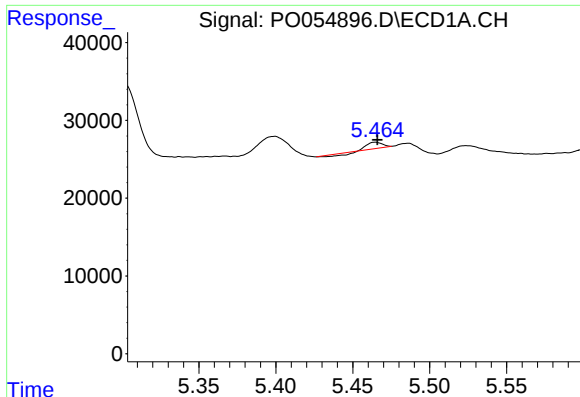
#20 AR-1242-5

R.T.: 6.400 min
Delta R.T.: 0.020 min
Response: 97348
Conc: 80.64 ng/ml



#20 AR-1242-5

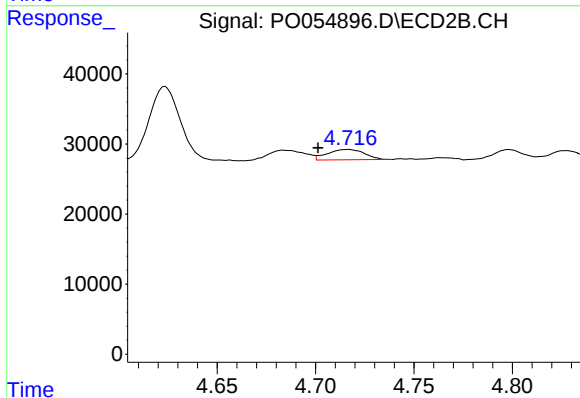
R.T.: 5.490 min
Delta R.T.: -0.008 min
Response: 86920
Conc: 70.67 ng/ml



#21 AR-1248-1

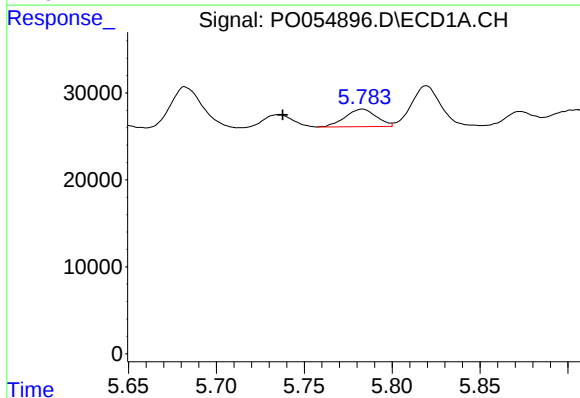
R.T.: 5.465 min
Delta R.T.: -0.001 min
Response: 2968
Conc: 2.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-18



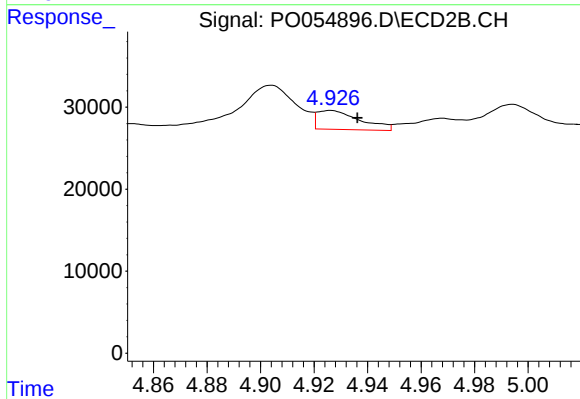
#21 AR-1248-1

R.T.: 4.717 min
Delta R.T.: 0.015 min
Response: 19456
Conc: 22.17 ng/ml



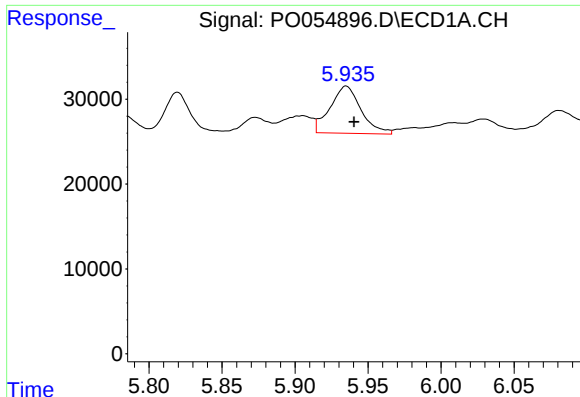
#22 AR-1248-2

R.T.: 5.783 min
Delta R.T.: 0.045 min
Response: 24881
Conc: 17.13 ng/ml



#22 AR-1248-2

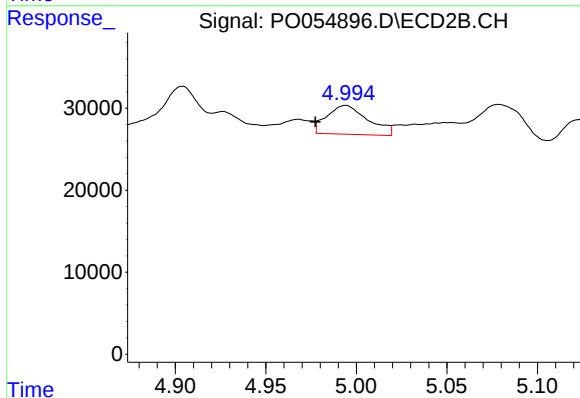
R.T.: 4.926 min
Delta R.T.: -0.010 min
Response: 25748
Conc: 21.30 ng/ml



#23 AR-1248-3

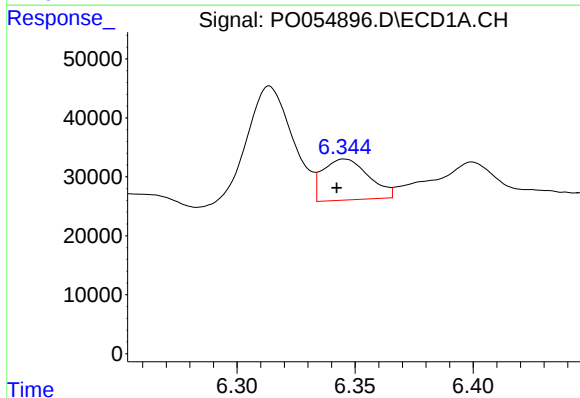
R.T.: 5.935 min
Delta R.T.: -0.005 min
Response: 82357
Conc: 51.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-18



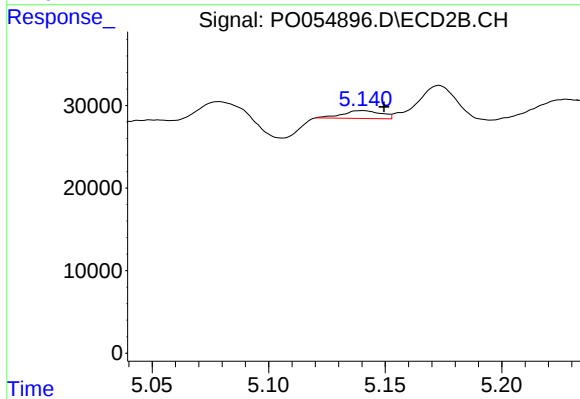
#23 AR-1248-3

R.T.: 4.994 min
Delta R.T.: 0.017 min
Response: 55874
Conc: 44.78 ng/ml



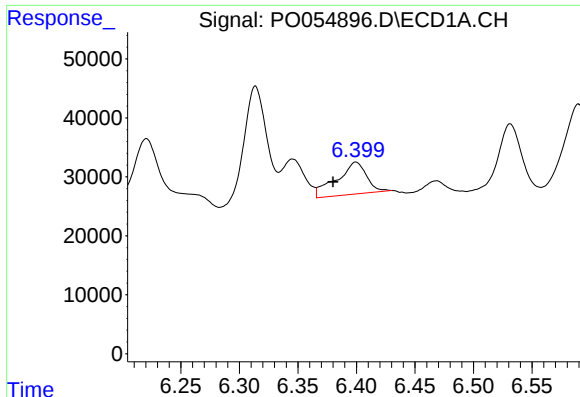
#24 AR-1248-4

R.T.: 6.346 min
Delta R.T.: 0.003 min
Response: 94038
Conc: 50.06 ng/ml



#24 AR-1248-4

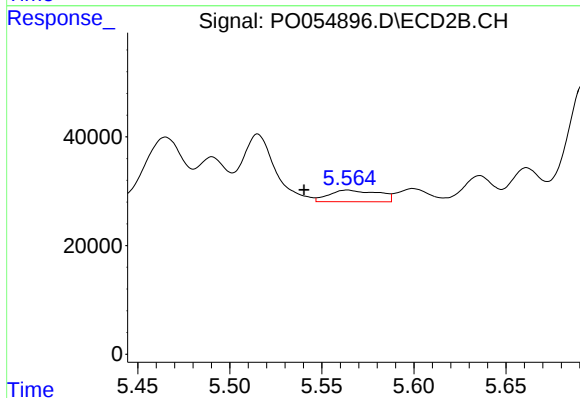
R.T.: 5.140 min
Delta R.T.: -0.009 min
Response: 11031
Conc: 7.24 ng/ml



#25 AR-1248-5

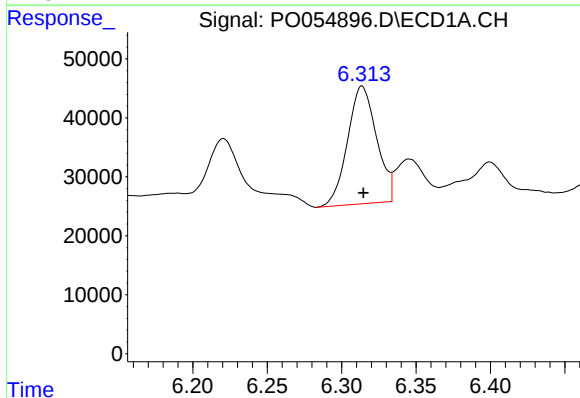
R.T.: 6.400 min
Delta R.T.: 0.019 min
Response: 97348
Conc: 54.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-18



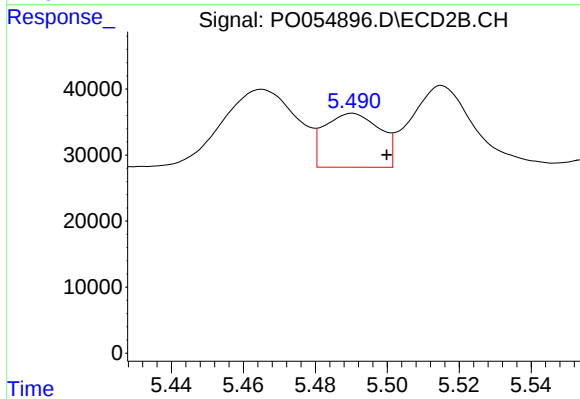
#25 AR-1248-5

R.T.: 5.564 min
Delta R.T.: 0.023 min
Response: 39972
Conc: 26.81 ng/ml



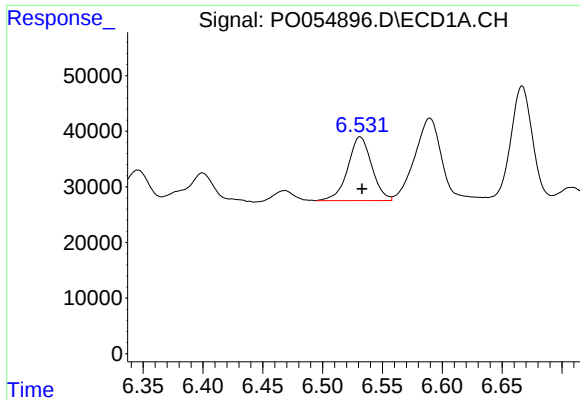
#26 AR-1254-1

R.T.: 6.314 min
Delta R.T.: 0.000 min
Response: 271080
Conc: 149.51 ng/ml



#26 AR-1254-1

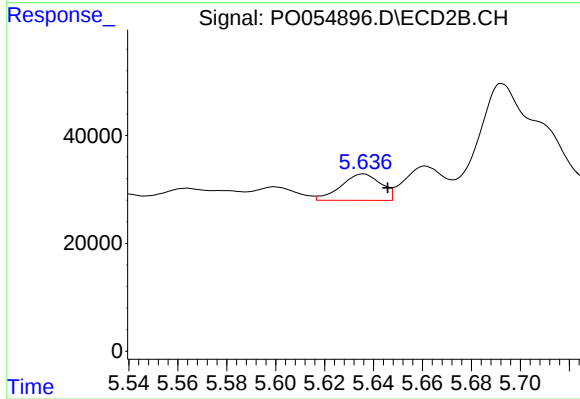
R.T.: 5.490 min
Delta R.T.: -0.009 min
Response: 86920
Conc: 39.77 ng/ml



#27 AR-1254-2

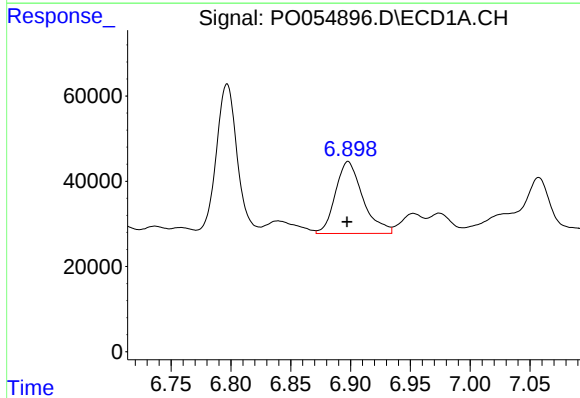
R.T.: 6.531 min
Delta R.T.: -0.002 min
Response: 159826
Conc: 55.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-18



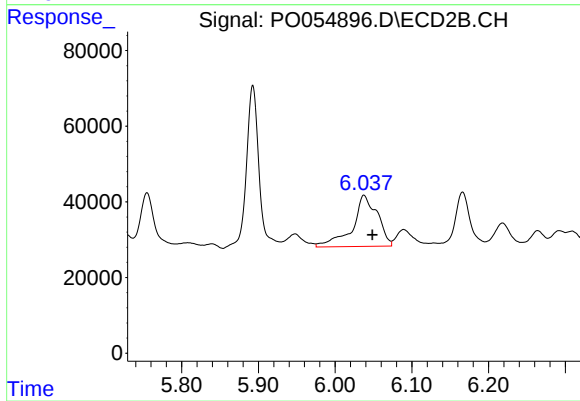
#27 AR-1254-2

R.T.: 5.636 min
Delta R.T.: -0.010 min
Response: 55432
Conc: 28.59 ng/ml



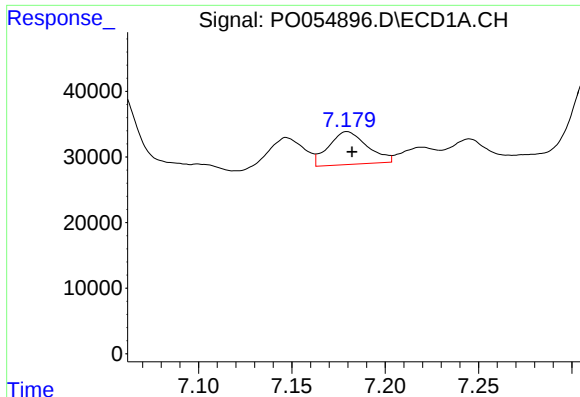
#28 AR-1254-3

R.T.: 6.898 min
Delta R.T.: 0.000 min
Response: 269866
Conc: 85.82 ng/ml



#28 AR-1254-3

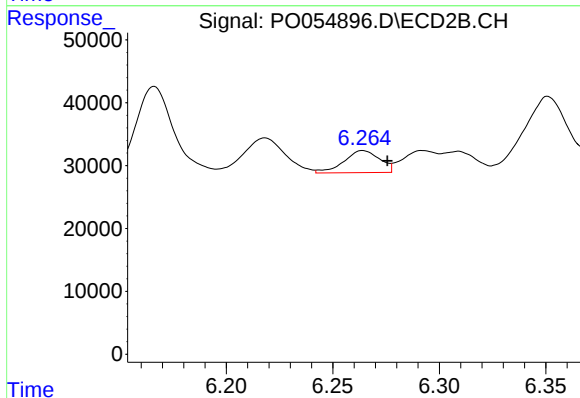
R.T.: 6.038 min
Delta R.T.: -0.011 min
Response: 307527
Conc: 95.93 ng/ml



#29 AR-1254-4

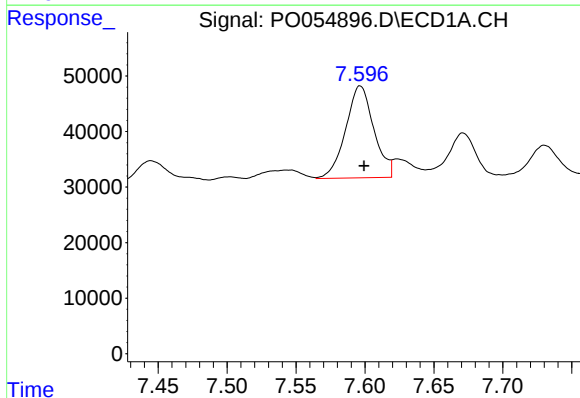
R.T.: 7.180 min
Delta R.T.: -0.003 min
Response: 72410
Conc: 29.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-18



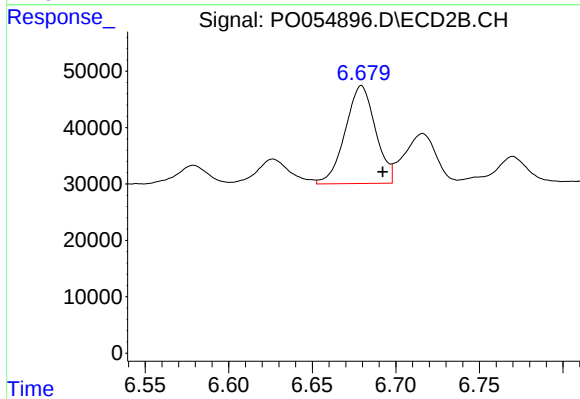
#29 AR-1254-4

R.T.: 6.264 min
Delta R.T.: -0.011 min
Response: 40912
Conc: 20.90 ng/ml



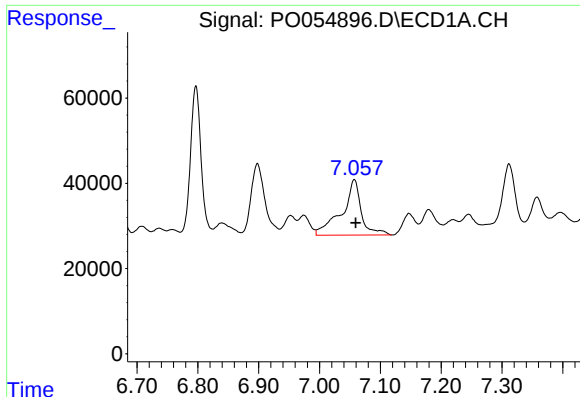
#30 AR-1254-5

R.T.: 7.597 min
Delta R.T.: -0.003 min
Response: 235786
Conc: 87.97 ng/ml



#30 AR-1254-5

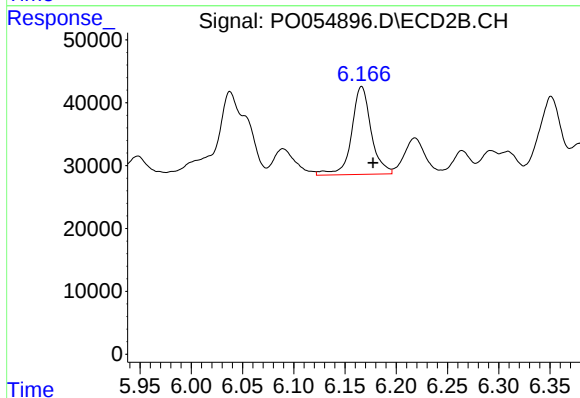
R.T.: 6.679 min
Delta R.T.: -0.013 min
Response: 218722
Conc: 76.09 ng/ml



#31 AR-1260-1

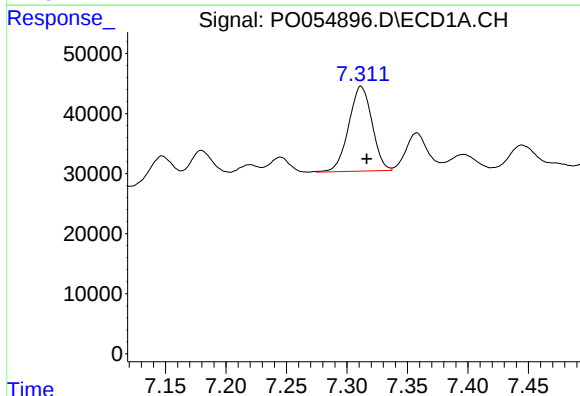
R.T.: 7.057 min
Delta R.T.: -0.002 min
Response: 291087
Conc: 115.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-18



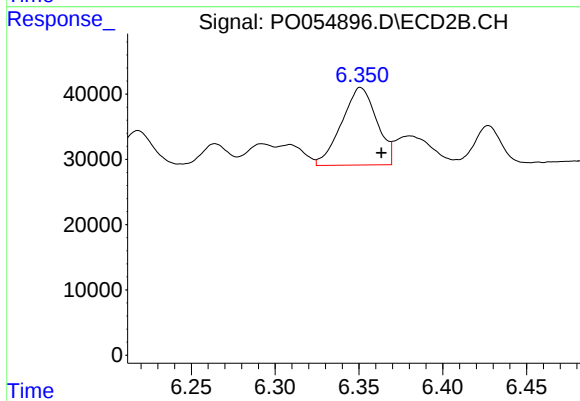
#31 AR-1260-1

R.T.: 6.166 min
Delta R.T.: -0.011 min
Response: 185594
Conc: 80.76 ng/ml



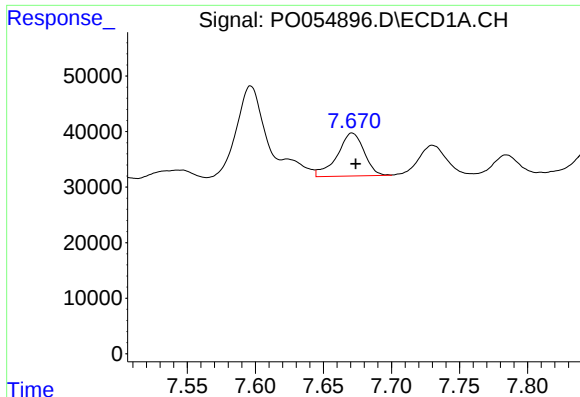
#32 AR-1260-2

R.T.: 7.312 min
Delta R.T.: -0.005 min
Response: 189458
Conc: 61.05 ng/ml



#32 AR-1260-2

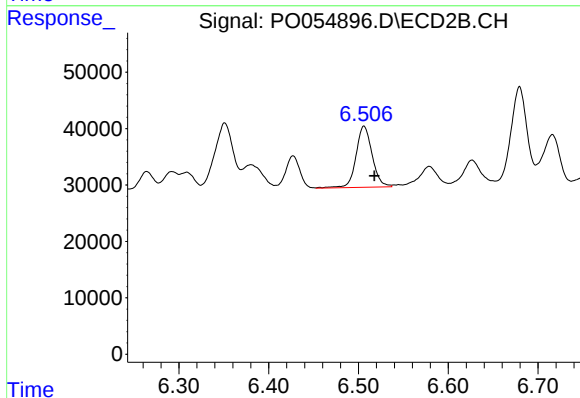
R.T.: 6.351 min
Delta R.T.: -0.012 min
Response: 172969
Conc: 62.83 ng/ml



#33 AR-1260-3

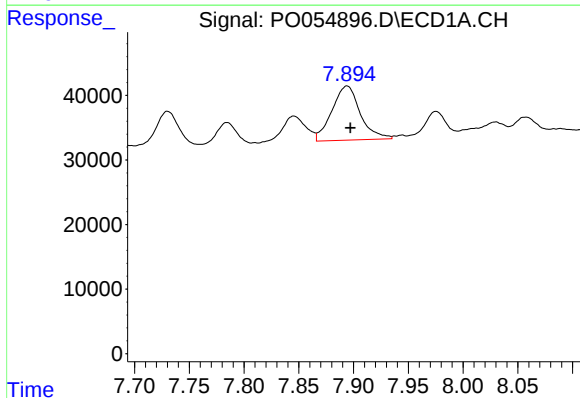
R.T.: 7.671 min
Delta R.T.: -0.003 min
Response: 106782
Conc: 43.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-18



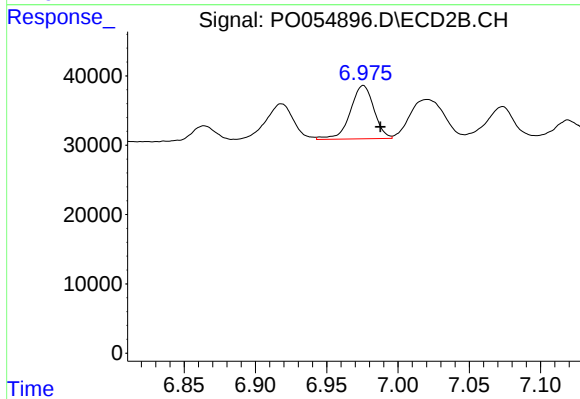
#33 AR-1260-3

R.T.: 6.506 min
Delta R.T.: -0.012 min
Response: 135973
Conc: 52.75 ng/ml



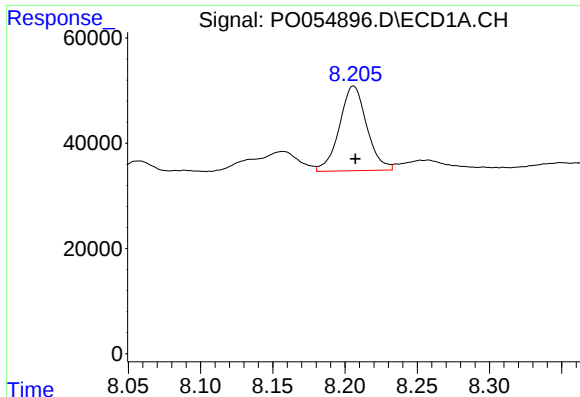
#34 AR-1260-4

R.T.: 7.894 min
Delta R.T.: -0.003 min
Response: 150884
Conc: 54.55 ng/ml



#34 AR-1260-4

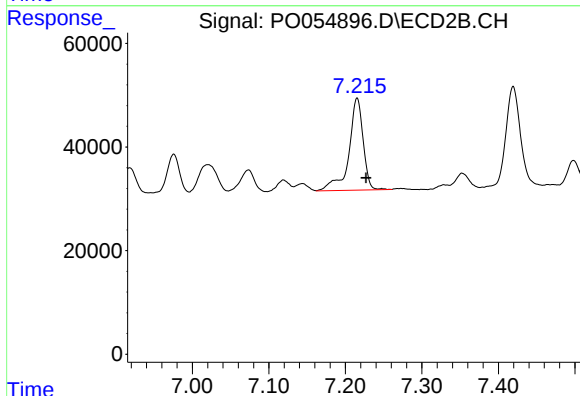
R.T.: 6.976 min
Delta R.T.: -0.012 min
Response: 88846
Conc: 41.75 ng/ml



#35 AR-1260-5

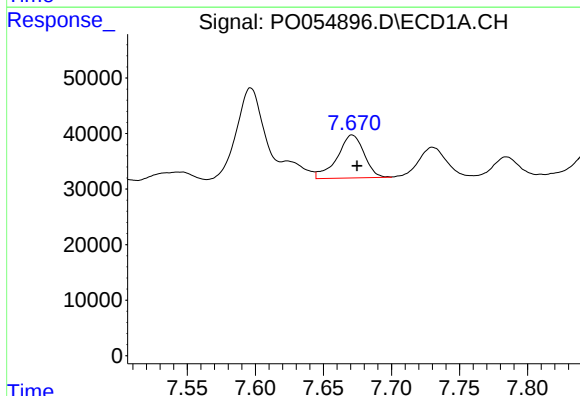
R.T.: 8.206 min
Delta R.T.: -0.001 min
Response: 212143
Conc: 38.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-18



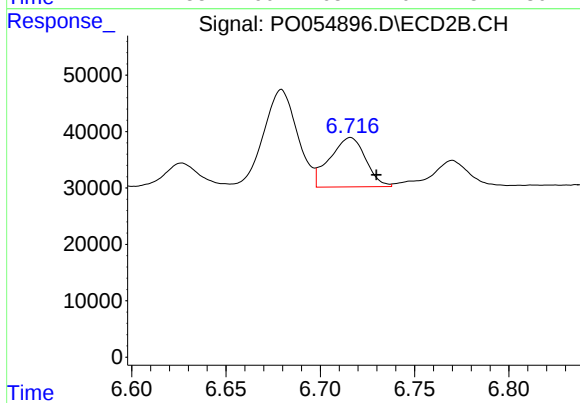
#35 AR-1260-5

R.T.: 7.215 min
Delta R.T.: -0.012 min
Response: 231980
Conc: 48.44 ng/ml



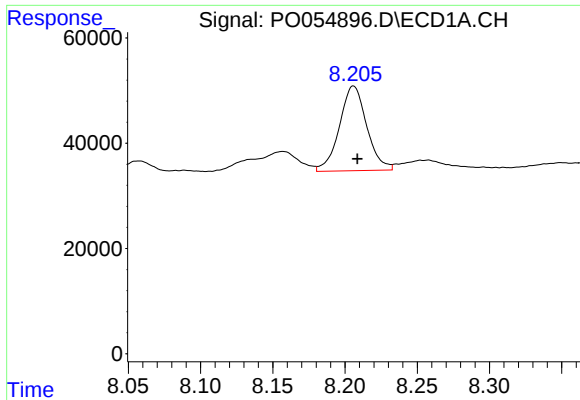
#36 AR-1262-1

R.T.: 7.671 min
Delta R.T.: -0.003 min
Response: 106782
Conc: 32.05 ng/ml



#36 AR-1262-1

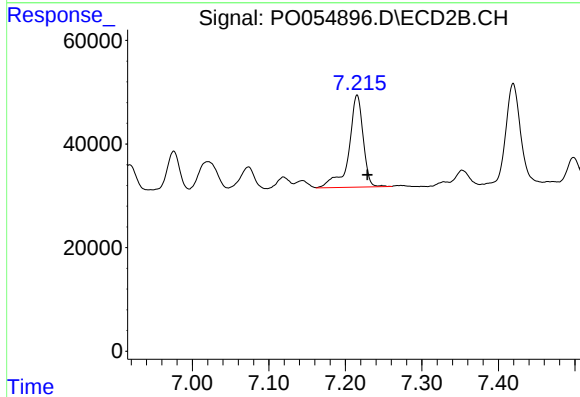
R.T.: 6.716 min
Delta R.T.: -0.014 min
Response: 115778
Conc: 38.92 ng/ml



#37 AR-1262-2

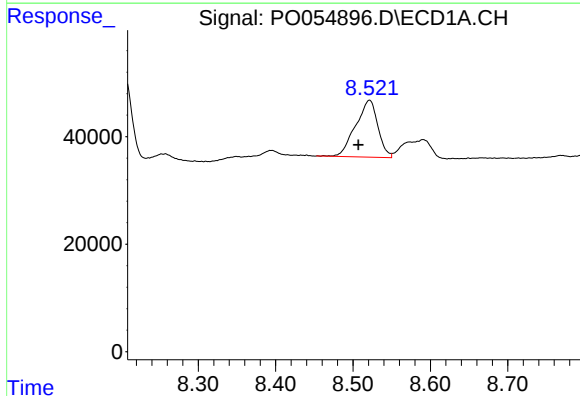
R.T.: 8.206 min
Delta R.T.: -0.003 min
Response: 212143
Conc: 35.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-18



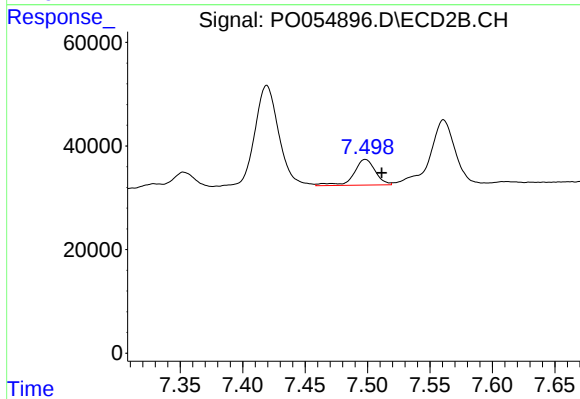
#37 AR-1262-2

R.T.: 7.215 min
Delta R.T.: -0.013 min
Response: 231980
Conc: 47.33 ng/ml



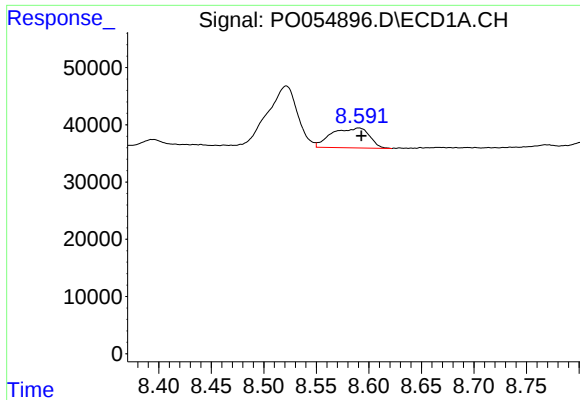
#38 AR-1262-3

R.T.: 8.521 min
Delta R.T.: 0.015 min
Response: 211017
Conc: 50.94 ng/ml



#38 AR-1262-3

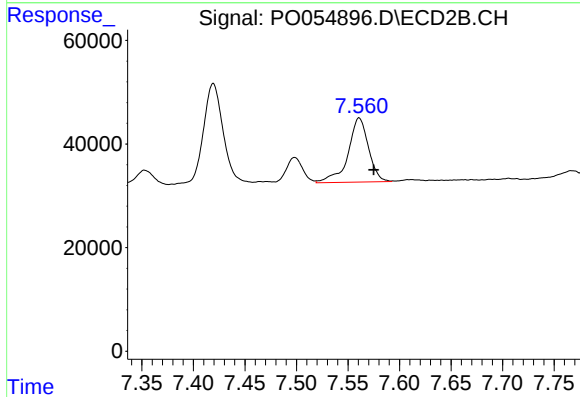
R.T.: 7.498 min
Delta R.T.: -0.013 min
Response: 59610
Conc: 29.03 ng/ml



#39 AR-1262-4

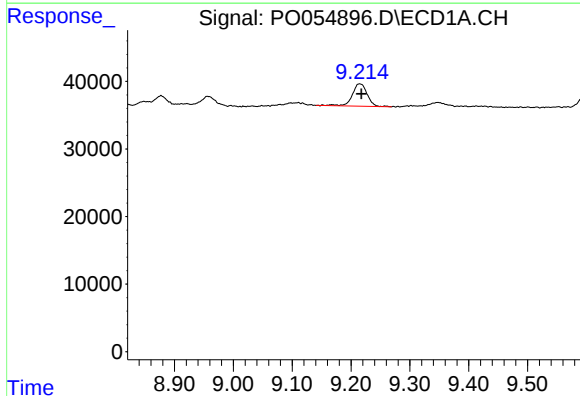
R.T.: 8.590 min
Delta R.T.: -0.003 min
Response: 86403
Conc: 26.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-18



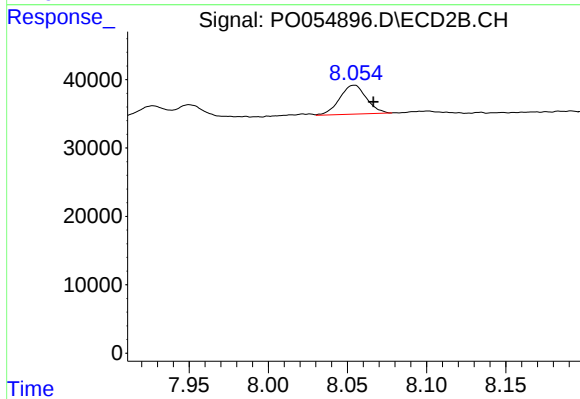
#39 AR-1262-4

R.T.: 7.561 min
Delta R.T.: -0.014 min
Response: 171120
Conc: 47.24 ng/ml



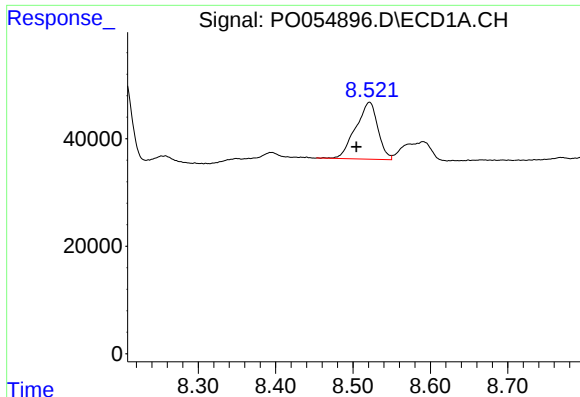
#40 AR-1262-5

R.T.: 9.215 min
Delta R.T.: -0.003 min
Response: 58038
Conc: 26.55 ng/ml



#40 AR-1262-5

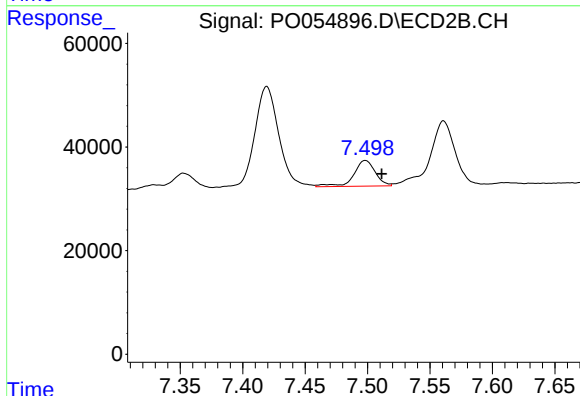
R.T.: 8.054 min
Delta R.T.: -0.012 min
Response: 49966
Conc: 30.96 ng/ml



#41 AR-1268-1

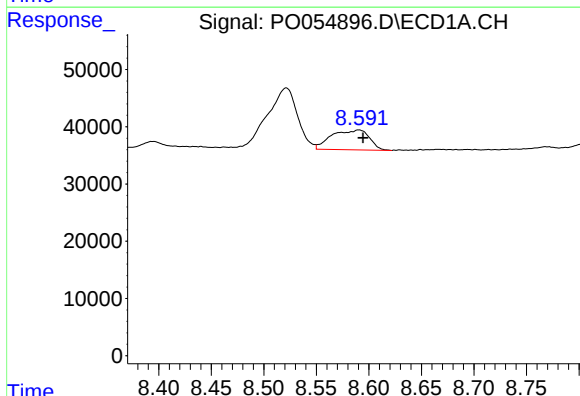
R.T.: 8.521 min
Delta R.T.: 0.017 min
Response: 211017
Conc: 29.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-18



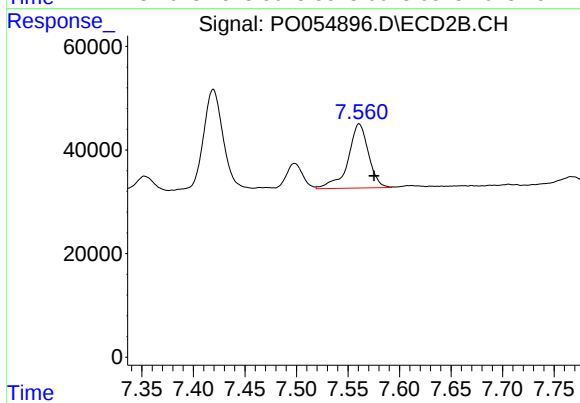
#41 AR-1268-1

R.T.: 7.498 min
Delta R.T.: -0.013 min
Response: 59610
Conc: 10.54 ng/ml



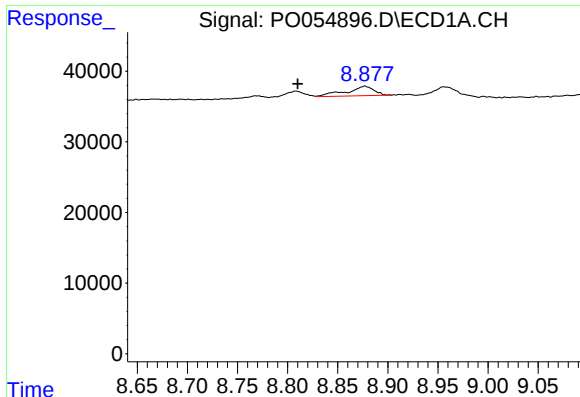
#42 AR-1268-2

R.T.: 8.590 min
Delta R.T.: -0.004 min
Response: 86403
Conc: 13.19 ng/ml



#42 AR-1268-2

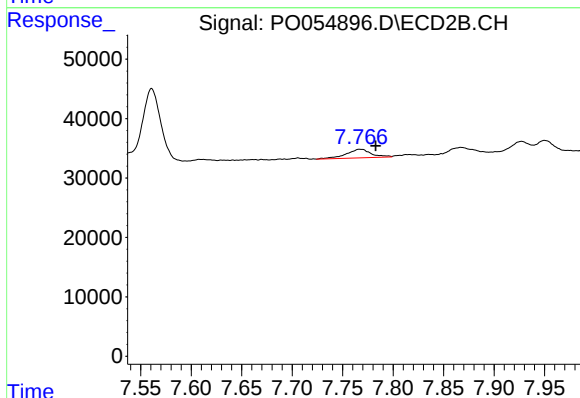
R.T.: 7.561 min
Delta R.T.: -0.014 min
Response: 171120
Conc: 33.09 ng/ml



#43 AR-1268-3

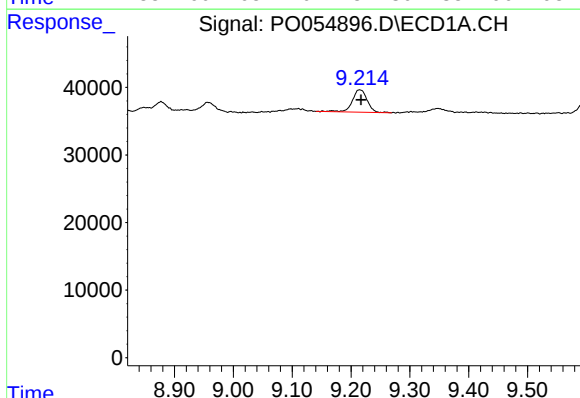
R.T.: 8.877 min
Delta R.T.: 0.067 min
Response: 25487
Conc: 4.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-18



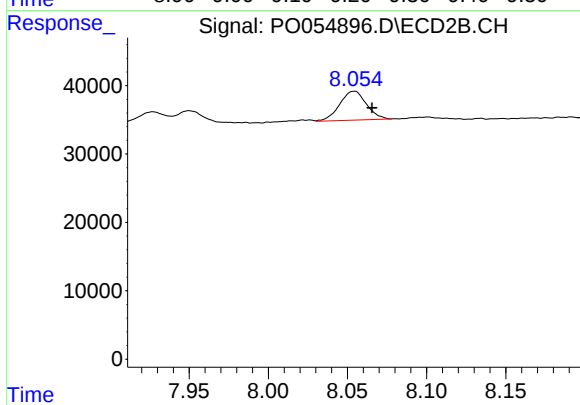
#43 AR-1268-3

R.T.: 7.767 min
Delta R.T.: -0.015 min
Response: 24718
Conc: 5.74 ng/ml



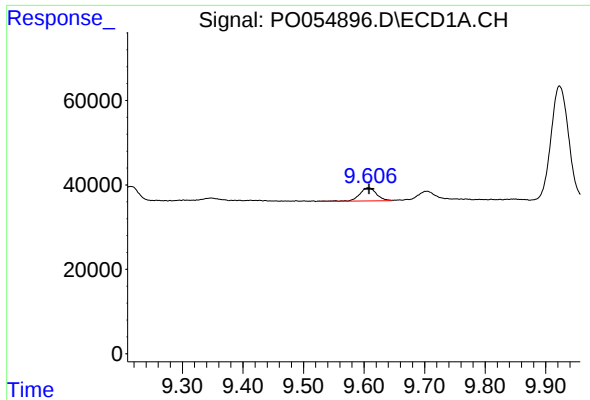
#44 AR-1268-4

R.T.: 9.215 min
Delta R.T.: -0.002 min
Response: 58038
Conc: 24.33 ng/ml



#44 AR-1268-4

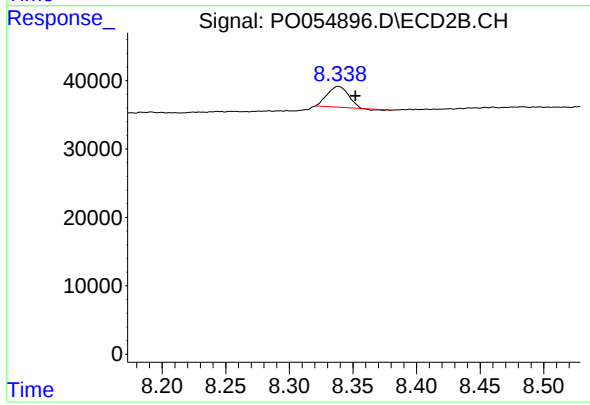
R.T.: 8.054 min
Delta R.T.: -0.011 min
Response: 49966
Conc: 26.95 ng/ml



#45 AR-1268-5

R.T.: 9.607 min
Delta R.T.: 0.000 min
Response: 60972
Conc: 3.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-18



#45 AR-1268-5

R.T.: 8.339 min
Delta R.T.: -0.013 min
Response: 34223
Conc: 3.01 ng/ml