

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0041319\
 Data File : P0055279.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 13 Apr 2019 11:26
 Operator : SM/SJ
 Sample : K2333-04MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 15 00:40:14 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\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...	4.296	3.607	680582	686266	19.610	21.505
2)	SA Decachlor...	9.908	8.572	703685	516529	14.274	16.218
Target Compounds							
3)	L1 AR-1016-1	5.458	4.702	311255	406457	172.974	257.024 #
4)	L1 AR-1016-2	5.480	4.732	436896	29740	175.907	13.879 #
5)	L1 AR-1016-3	5.541	4.877	276160	204240	175.535	169.042
6)	L1 AR-1016-4	5.640	4.917	223582	162136	171.580	160.446
7)	L1 AR-1016-5	5.931	5.129	230596	116541	172.827	89.414 #
8)	L2 AR-1221-1	4.500	3.817	27094	24179	62.061	62.190
9)	L2 AR-1221-2	4.591	3.904	38579	42256	113.762	140.951
10)	L2 AR-1221-3	4.668	3.980	152252	137629	146.569	149.309
11)	L3 AR-1232-1	4.668	3.980	152252	137629	176.839	183.533
12)	L3 AR-1232-2	5.192	4.732	223910	29740	457.764	34.537 #
13)	L3 AR-1232-3	5.480	4.917	436896	162136	447.042	334.602 #
14)	L3 AR-1232-4	5.640	4.990	223582	69618	436.808	158.438 #
15)	L3 AR-1232-5	5.729	5.169	204327	65219	491.174	134.096 #
16)	L4 AR-1242-1	5.458	4.702	311255	406457	224.039	331.069 #
17)	L4 AR-1242-2	5.480	4.732	436896	29740	228.326	17.946 #
18)	L4 AR-1242-3	5.541	4.877	276160	204240	222.807	215.596
19)	L4 AR-1242-4	5.640	4.990	223582	69618	219.295	72.841 #
20)	L4 AR-1242-5	6.370	5.505	43568	138391	36.091	112.523 #
21)	L5 AR-1248-1	5.458	4.702	311255	406457	311.356	463.053 #
22)	L5 AR-1248-2	5.729	4.917	204327	162136	140.692	134.158
23)	L5 AR-1248-3	5.931	4.990	230596	69618	144.379	55.793 #
24)	L5 AR-1248-4	6.332	5.169	48313	65219	25.718	42.823 #
25)	L5 AR-1248-5	6.370	5.569	43568	74401	24.301	49.904 #
26)	L6 AR-1254-1	6.307	5.505	309437	138391	170.660	63.324 #
27)	L6 AR-1254-2	6.523	5.649	246899	89705	86.487	46.264 #
28)	L6 AR-1254-3	6.893	6.041	216837	455514	68.953	142.095 #
29)	L6 AR-1254-4	7.172	6.282	109343	132089	44.696	67.463 #
30)	L6 AR-1254-5	7.589	6.705	649060	429846	242.159	149.527 #
31)	L7 AR-1260-1	7.049	6.155	374759	565474	149.149	246.065 #
32)	L7 AR-1260-2	7.306	6.341	576389	713830	185.721	259.314 #
33)	L7 AR-1260-3	7.663	6.495	346131	639461	141.027	248.054 #
34)	L7 AR-1260-4	7.888	7.003	416983	80071	150.752	37.624 #
35)	L7 AR-1260-5	8.197	7.204	744834	794201	134.238	165.829
36)	L8 AR-1262-1	7.663	6.705	346131	429846	103.879	144.488 #
37)	L8 AR-1262-2	8.197	7.204	744834	794201	125.723	162.044 #
38)	L8 AR-1262-3	8.510	7.485	486601	148138	117.457	72.141 #
39)	L8 AR-1262-4	8.562	7.549	254779	523227	79.076	144.453 #
40)	L8 AR-1262-5	9.204	8.084	170318	10788	77.903	6.685 #
41)	L9 AR-1268-1	8.510	7.485	486601	148138	68.367	26.200 #

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 ALS Vial : 4 Sample Multiplier: 1

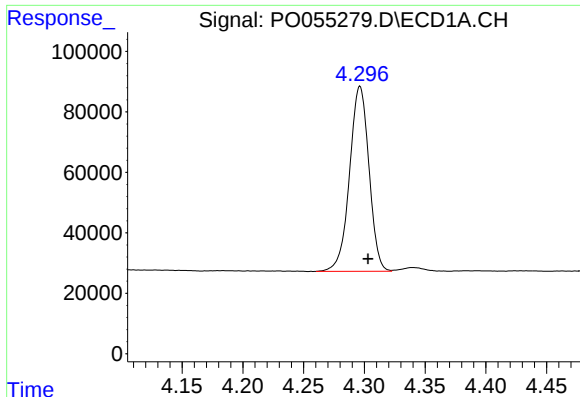
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 15 00:40:14 2019
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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	8.562	7.549	254779	523227	38.886	101.173 #
43) L9	AR-1268-3	8.796	7.803	15872	9973	2.914	2.317
44) L9	AR-1268-4	9.204	8.084	170318	10788	71.389	5.819 #
45) L9	AR-1268-5	9.592	0.000	72948	0	4.428	N.D. #

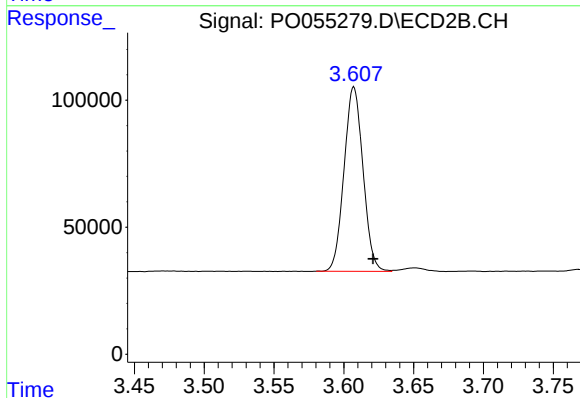
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

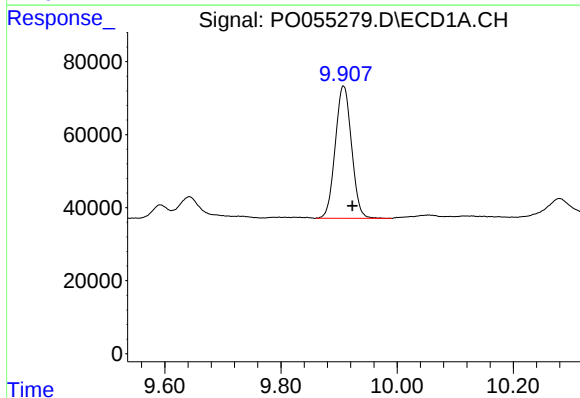
R.T.: 4.296 min
Delta R.T.: -0.007 min
Response: 680582
Conc: 19.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



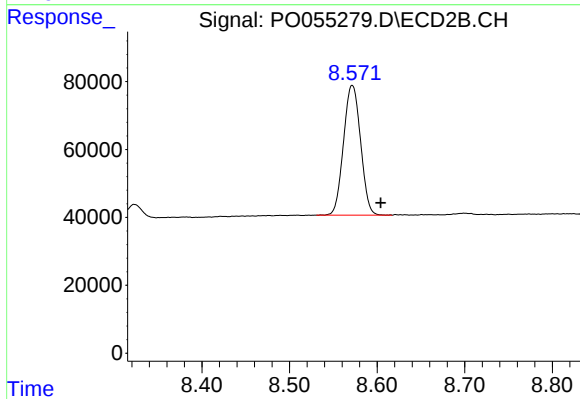
#1 Tetrachloro-m-xylene

R.T.: 3.607 min
Delta R.T.: -0.014 min
Response: 686266
Conc: 21.50 ng/ml



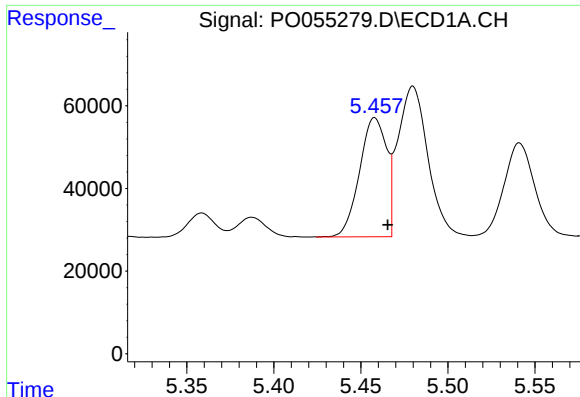
#2 Decachlorobiphenyl

R.T.: 9.908 min
Delta R.T.: -0.015 min
Response: 703685
Conc: 14.27 ng/ml



#2 Decachlorobiphenyl

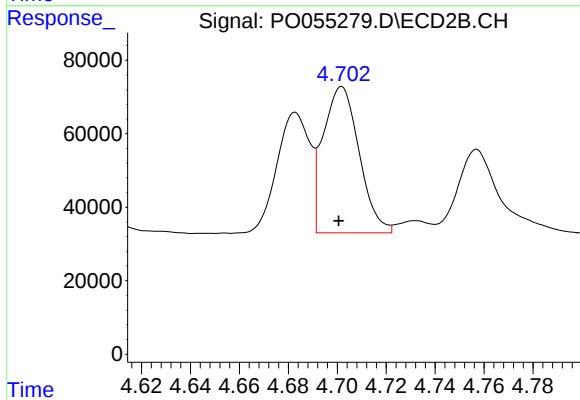
R.T.: 8.572 min
Delta R.T.: -0.032 min
Response: 516529
Conc: 16.22 ng/ml



#3 AR-1016-1

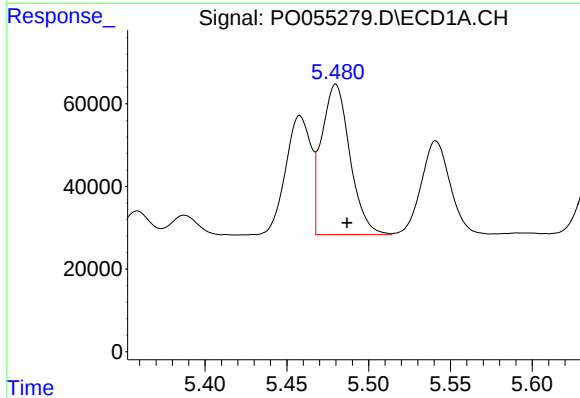
R.T.: 5.458 min
Delta R.T.: -0.007 min
Response: 311255
Conc: 172.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



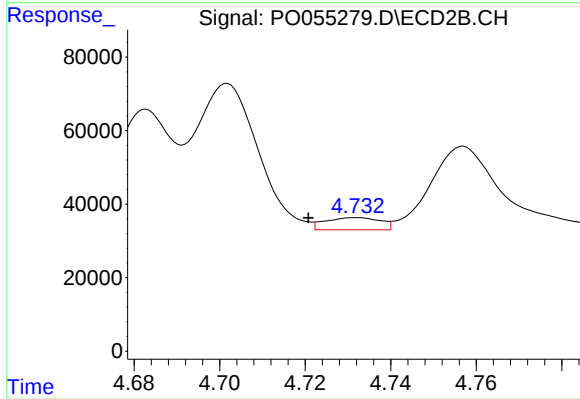
#3 AR-1016-1

R.T.: 4.702 min
Delta R.T.: 0.001 min
Response: 406457
Conc: 257.02 ng/ml



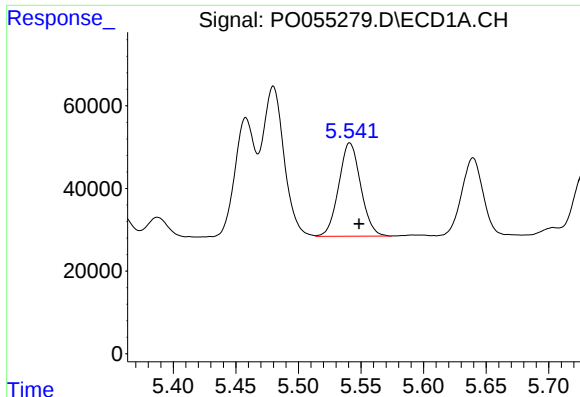
#4 AR-1016-2

R.T.: 5.480 min
Delta R.T.: -0.007 min
Response: 436896
Conc: 175.91 ng/ml



#4 AR-1016-2

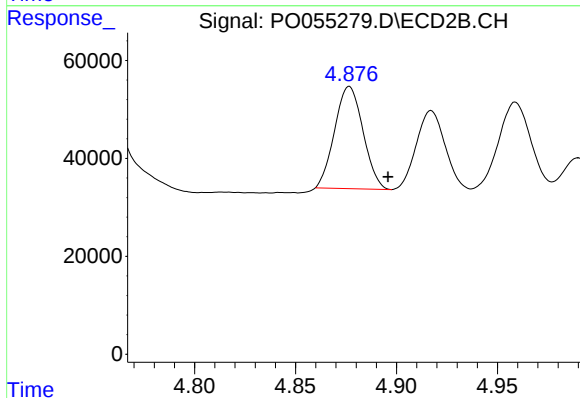
R.T.: 4.732 min
Delta R.T.: 0.011 min
Response: 29740
Conc: 13.88 ng/ml



#5 AR-1016-3

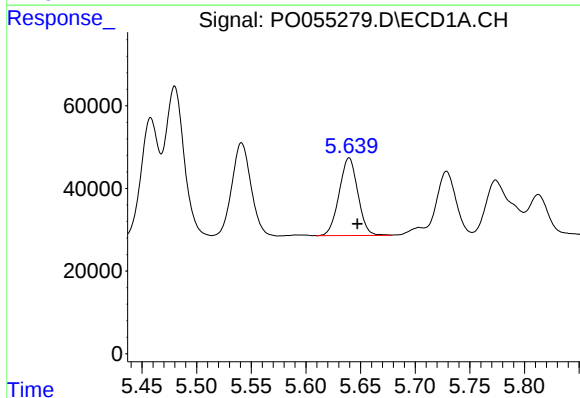
R.T.: 5.541 min
Delta R.T.: -0.007 min
Response: 276160
Conc: 175.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



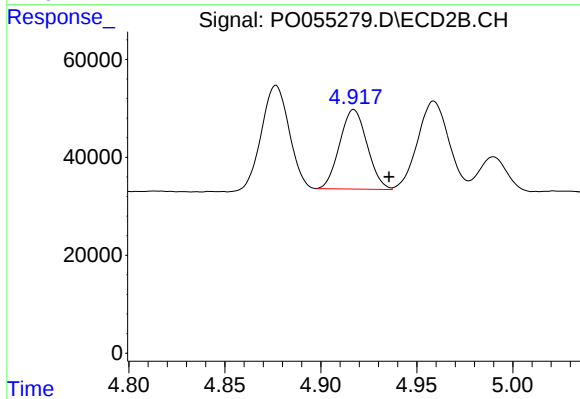
#5 AR-1016-3

R.T.: 4.877 min
Delta R.T.: -0.019 min
Response: 204240
Conc: 169.04 ng/ml



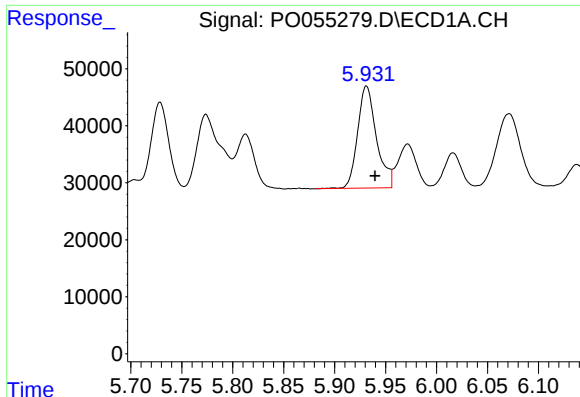
#6 AR-1016-4

R.T.: 5.640 min
Delta R.T.: -0.007 min
Response: 223582
Conc: 171.58 ng/ml



#6 AR-1016-4

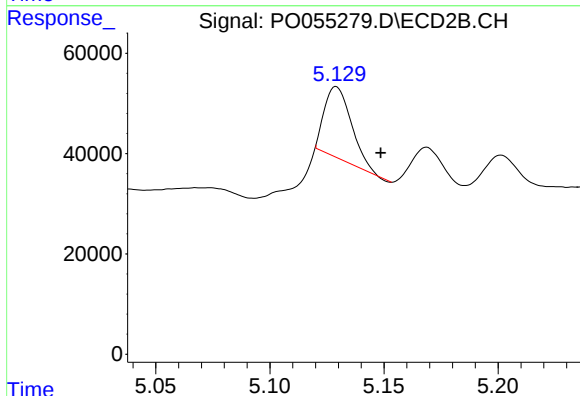
R.T.: 4.917 min
Delta R.T.: -0.018 min
Response: 162136
Conc: 160.45 ng/ml



#7 AR-1016-5

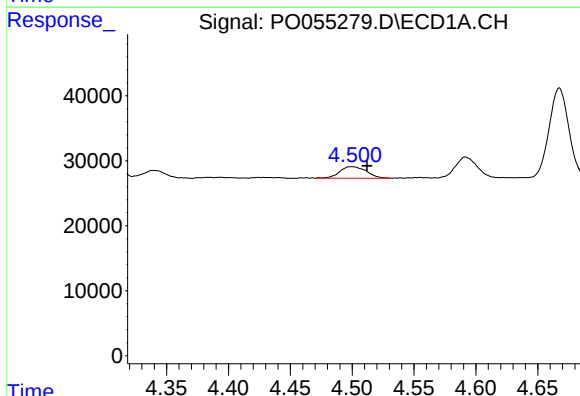
R.T.: 5.931 min
Delta R.T.: -0.008 min
Response: 230596
Conc: 172.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



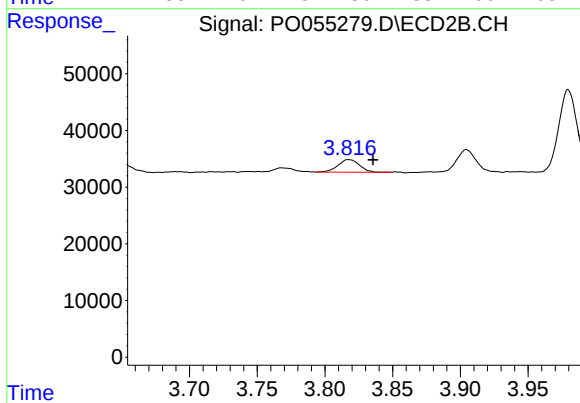
#7 AR-1016-5

R.T.: 5.129 min
Delta R.T.: -0.020 min
Response: 116541
Conc: 89.41 ng/ml



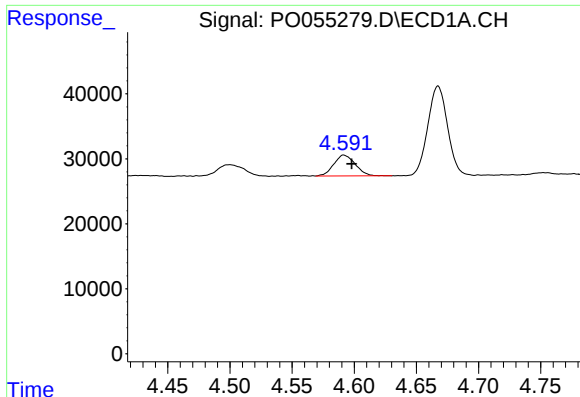
#8 AR-1221-1

R.T.: 4.500 min
Delta R.T.: -0.012 min
Response: 27094
Conc: 62.06 ng/ml



#8 AR-1221-1

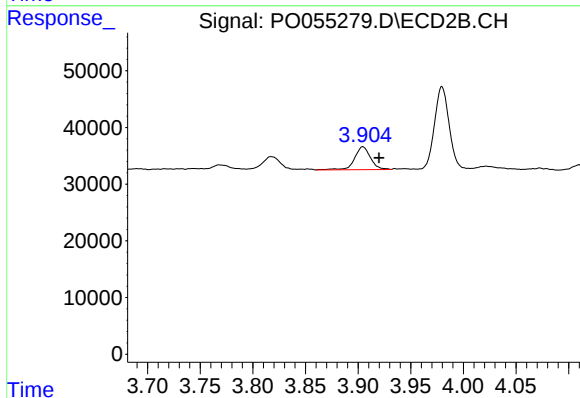
R.T.: 3.817 min
Delta R.T.: -0.019 min
Response: 24179
Conc: 62.19 ng/ml



#9 AR-1221-2

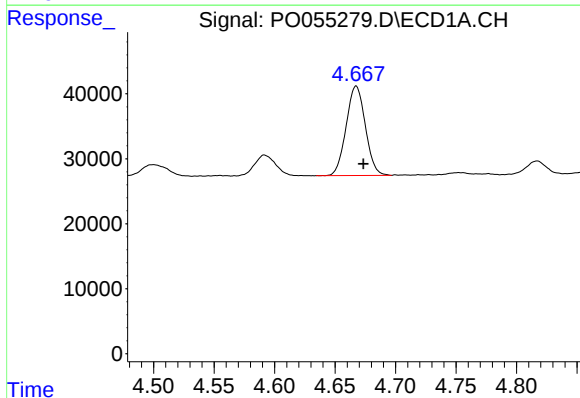
R.T.: 4.591 min
Delta R.T.: -0.007 min
Response: 38579
Conc: 113.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



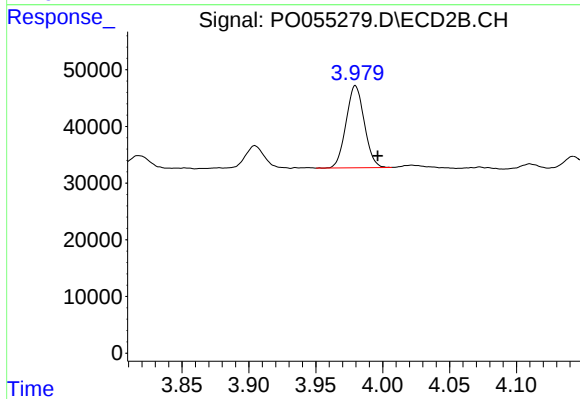
#9 AR-1221-2

R.T.: 3.904 min
Delta R.T.: -0.015 min
Response: 42256
Conc: 140.95 ng/ml



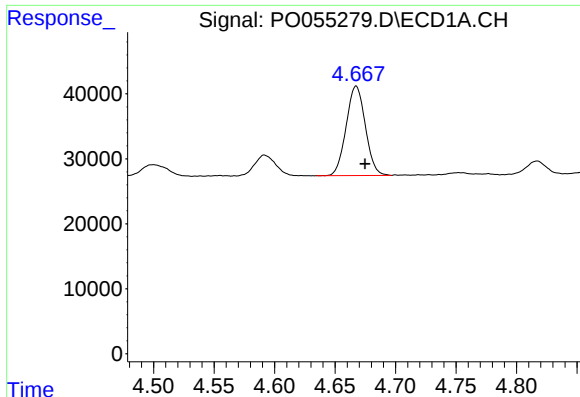
#10 AR-1221-3

R.T.: 4.668 min
Delta R.T.: -0.006 min
Response: 152252
Conc: 146.57 ng/ml



#10 AR-1221-3

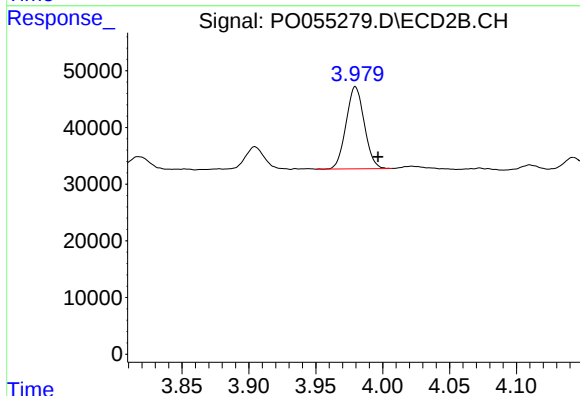
R.T.: 3.980 min
Delta R.T.: -0.017 min
Response: 137629
Conc: 149.31 ng/ml



#11 AR-1232-1

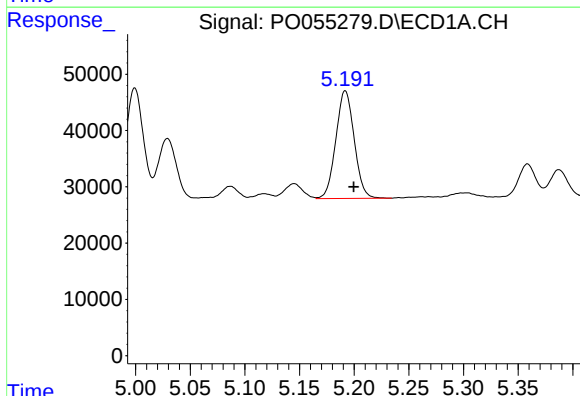
R.T.: 4.668 min
Delta R.T.: -0.007 min
Response: 152252
Conc: 176.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



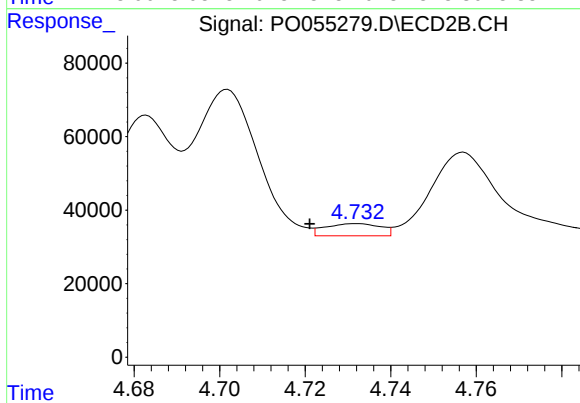
#11 AR-1232-1

R.T.: 3.980 min
Delta R.T.: -0.017 min
Response: 137629
Conc: 183.53 ng/ml



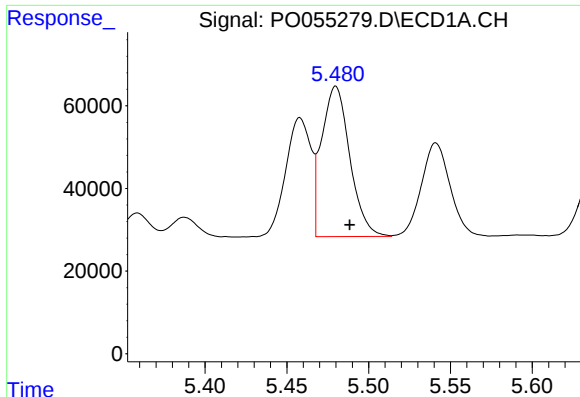
#12 AR-1232-2

R.T.: 5.192 min
Delta R.T.: -0.008 min
Response: 223910
Conc: 457.76 ng/ml



#12 AR-1232-2

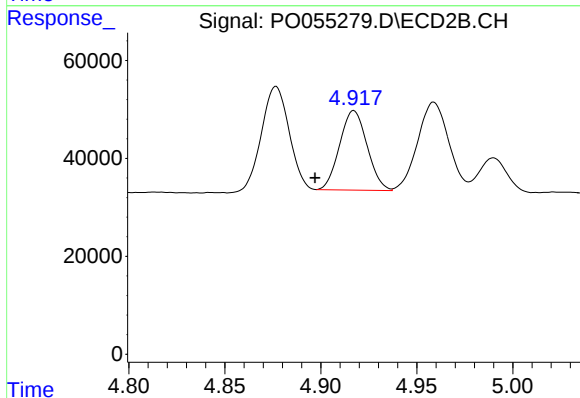
R.T.: 4.732 min
Delta R.T.: 0.011 min
Response: 29740
Conc: 34.54 ng/ml



#13 AR-1232-3

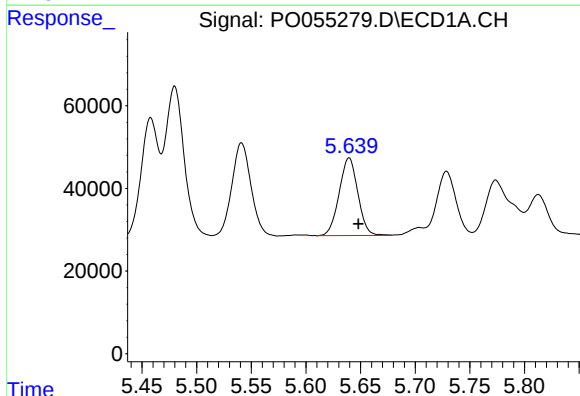
R.T.: 5.480 min
Delta R.T.: -0.008 min
Response: 436896
Conc: 447.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



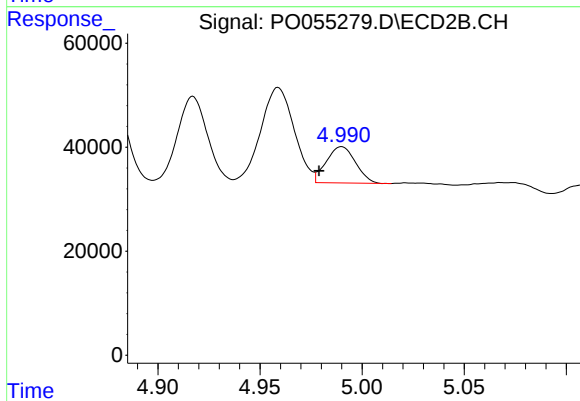
#13 AR-1232-3

R.T.: 4.917 min
Delta R.T.: 0.020 min
Response: 162136
Conc: 334.60 ng/ml



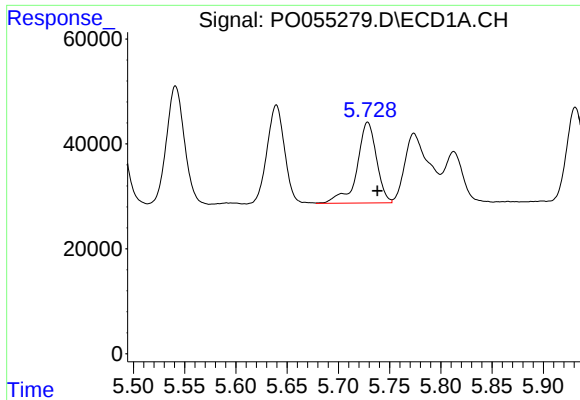
#14 AR-1232-4

R.T.: 5.640 min
Delta R.T.: -0.009 min
Response: 223582
Conc: 436.81 ng/ml



#14 AR-1232-4

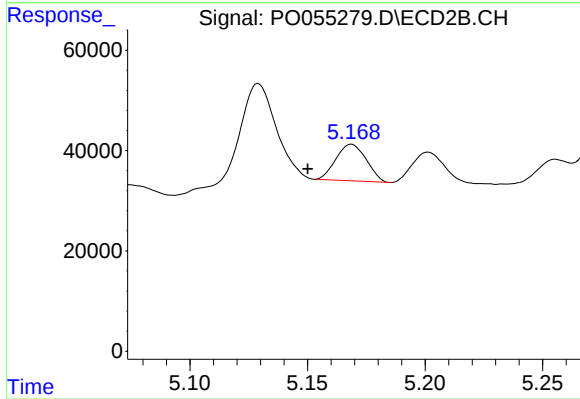
R.T.: 4.990 min
Delta R.T.: 0.011 min
Response: 69618
Conc: 158.44 ng/ml



#15 AR-1232-5

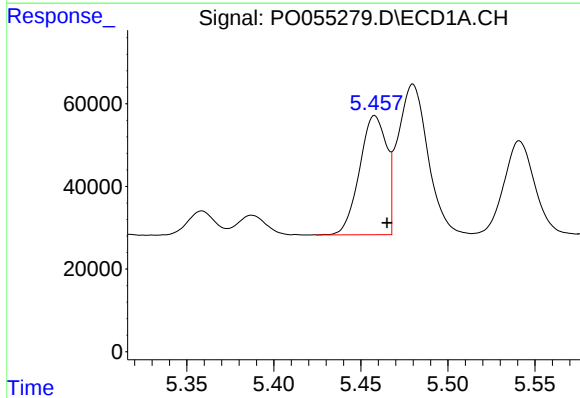
R.T.: 5.729 min
Delta R.T.: -0.010 min
Response: 204327
Conc: 491.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



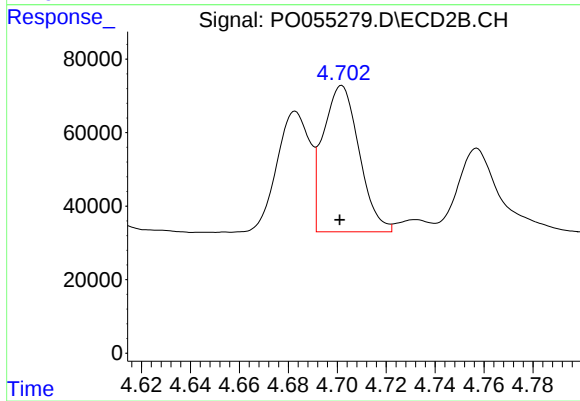
#15 AR-1232-5

R.T.: 5.169 min
Delta R.T.: 0.019 min
Response: 65219
Conc: 134.10 ng/ml



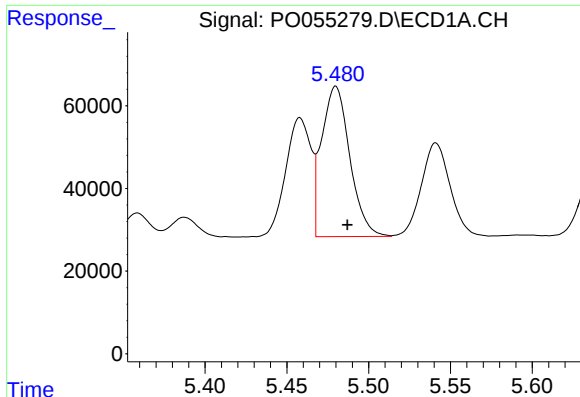
#16 AR-1242-1

R.T.: 5.458 min
Delta R.T.: -0.007 min
Response: 311255
Conc: 224.04 ng/ml



#16 AR-1242-1

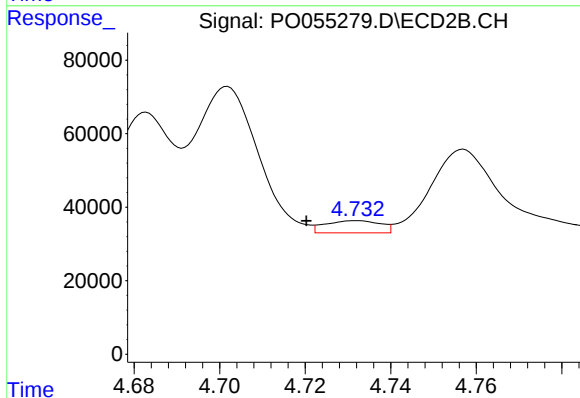
R.T.: 4.702 min
Delta R.T.: 0.000 min
Response: 406457
Conc: 331.07 ng/ml



#17 AR-1242-2

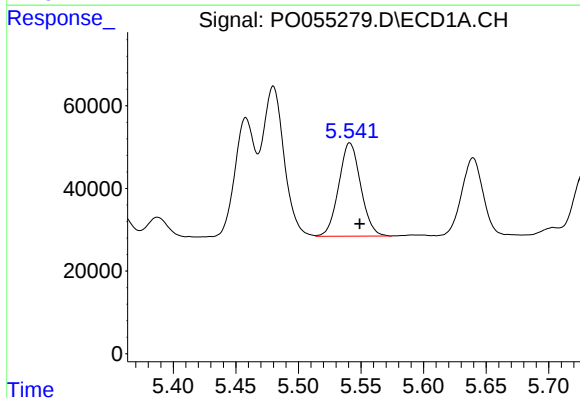
R.T.: 5.480 min
Delta R.T.: -0.007 min
Response: 436896
Conc: 228.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



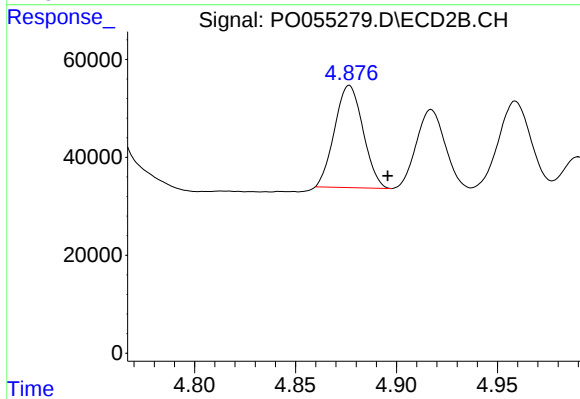
#17 AR-1242-2

R.T.: 4.732 min
Delta R.T.: 0.012 min
Response: 29740
Conc: 17.95 ng/ml



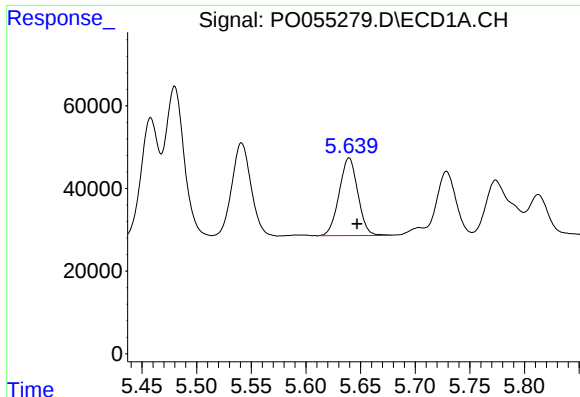
#18 AR-1242-3

R.T.: 5.541 min
Delta R.T.: -0.008 min
Response: 276160
Conc: 222.81 ng/ml



#18 AR-1242-3

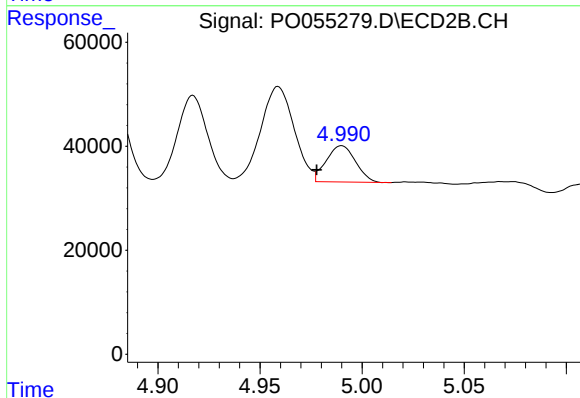
R.T.: 4.877 min
Delta R.T.: -0.019 min
Response: 204240
Conc: 215.60 ng/ml



#19 AR-1242-4

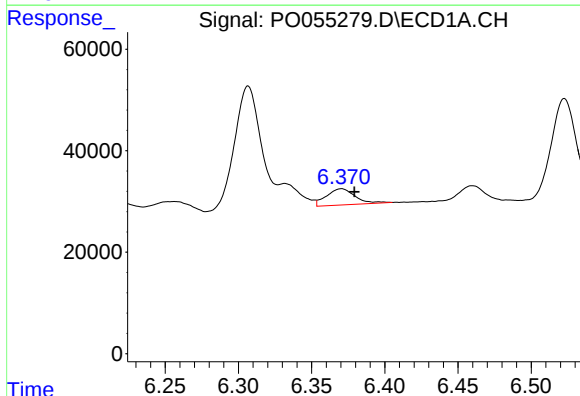
R.T.: 5.640 min
Delta R.T.: -0.007 min
Response: 223582
Conc: 219.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



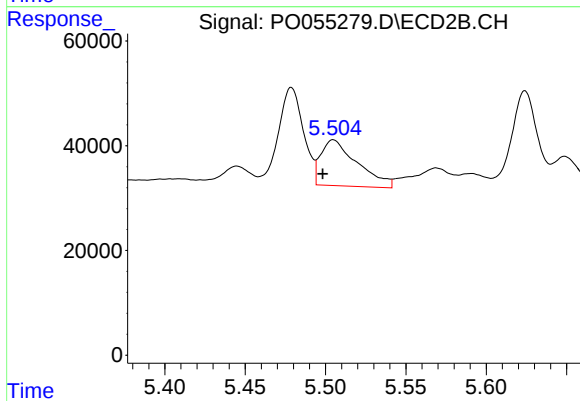
#19 AR-1242-4

R.T.: 4.990 min
Delta R.T.: 0.012 min
Response: 69618
Conc: 72.84 ng/ml



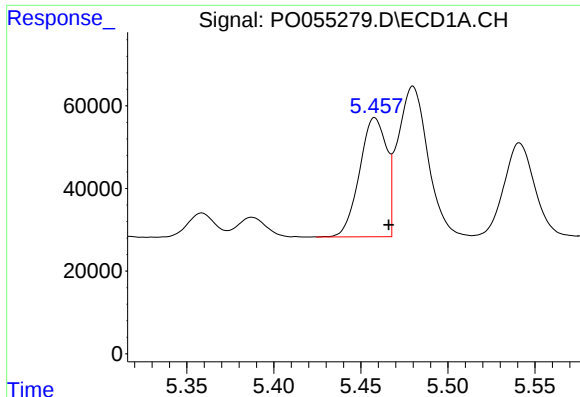
#20 AR-1242-5

R.T.: 6.370 min
Delta R.T.: -0.009 min
Response: 43568
Conc: 36.09 ng/ml



#20 AR-1242-5

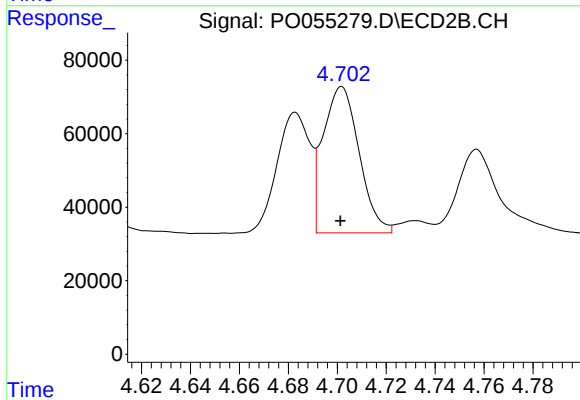
R.T.: 5.505 min
Delta R.T.: 0.007 min
Response: 138391
Conc: 112.52 ng/ml



#21 AR-1248-1

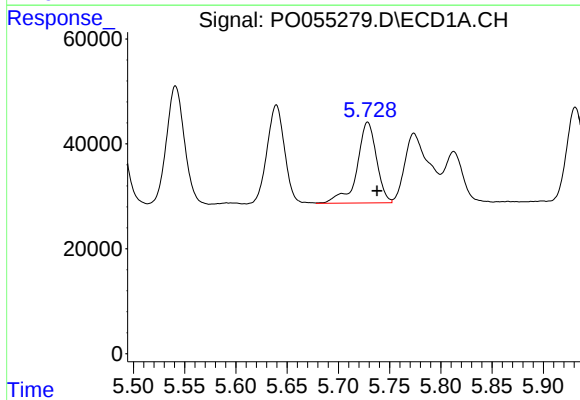
R.T.: 5.458 min
Delta R.T.: -0.008 min
Response: 311255
Conc: 311.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



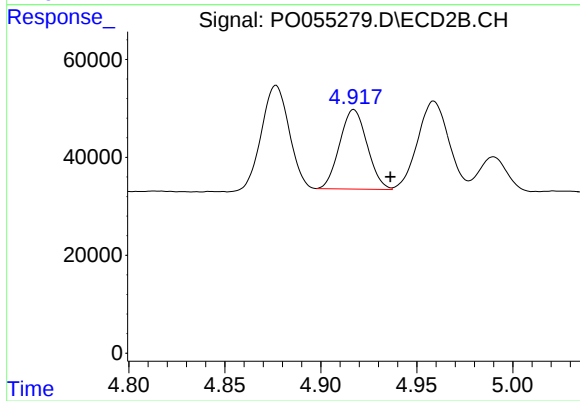
#21 AR-1248-1

R.T.: 4.702 min
Delta R.T.: 0.000 min
Response: 406457
Conc: 463.05 ng/ml



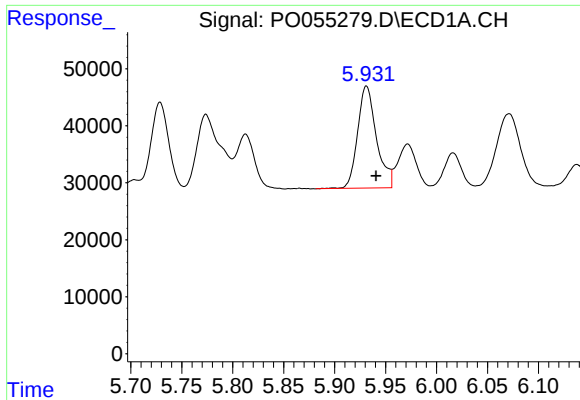
#22 AR-1248-2

R.T.: 5.729 min
Delta R.T.: -0.009 min
Response: 204327
Conc: 140.69 ng/ml



#22 AR-1248-2

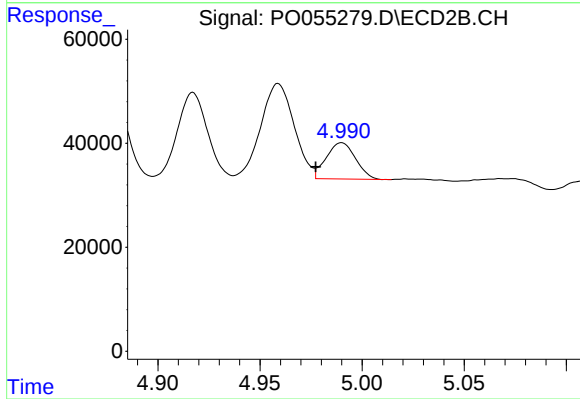
R.T.: 4.917 min
Delta R.T.: -0.019 min
Response: 162136
Conc: 134.16 ng/ml



#23 AR-1248-3

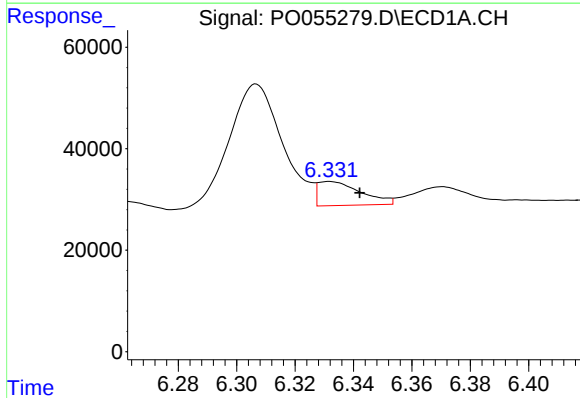
R.T.: 5.931 min
Delta R.T.: -0.009 min
Response: 230596
Conc: 144.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



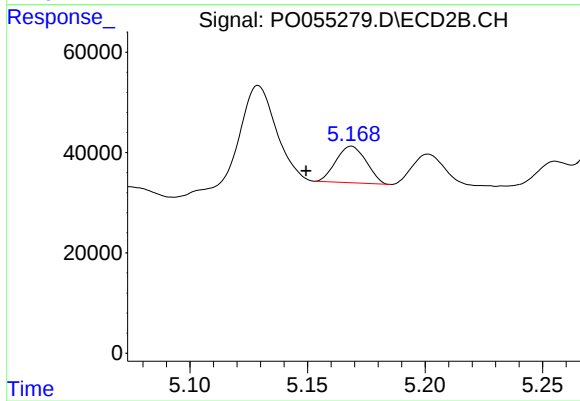
#23 AR-1248-3

R.T.: 4.990 min
Delta R.T.: 0.013 min
Response: 69618
Conc: 55.79 ng/ml



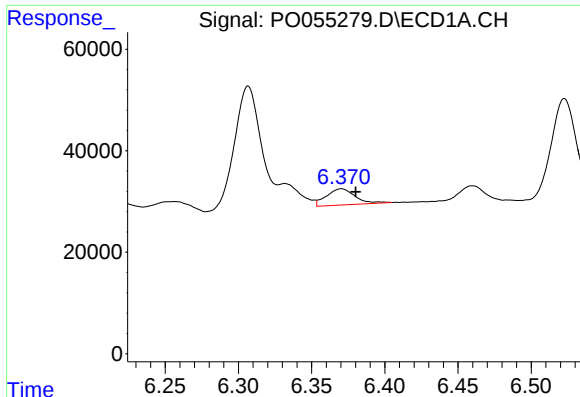
#24 AR-1248-4

R.T.: 6.332 min
Delta R.T.: -0.010 min
Response: 48313
Conc: 25.72 ng/ml



#24 AR-1248-4

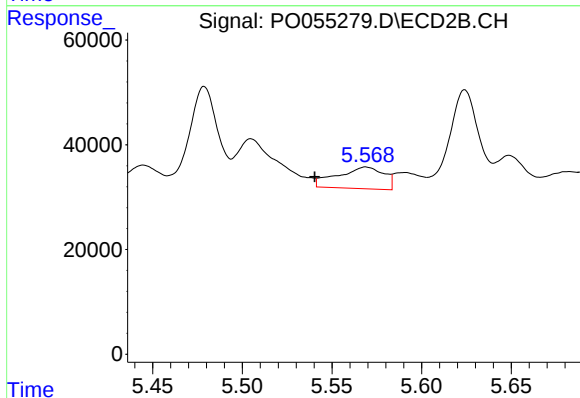
R.T.: 5.169 min
Delta R.T.: 0.019 min
Response: 65219
Conc: 42.82 ng/ml



#25 AR-1248-5

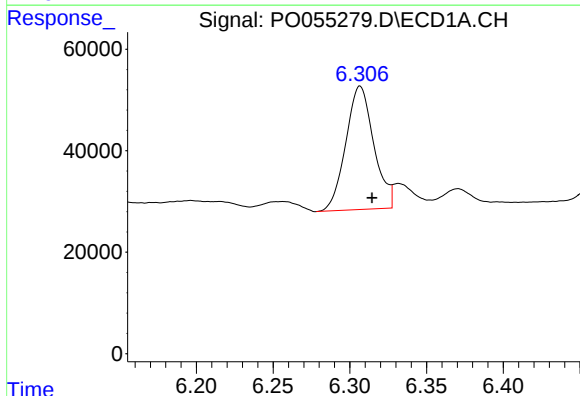
R.T.: 6.370 min
Delta R.T.: -0.010 min
Response: 43568
Conc: 24.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



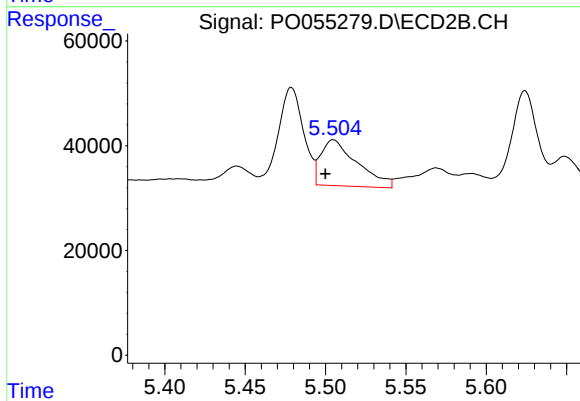
#25 AR-1248-5

R.T.: 5.569 min
Delta R.T.: 0.029 min
Response: 74401
Conc: 49.90 ng/ml



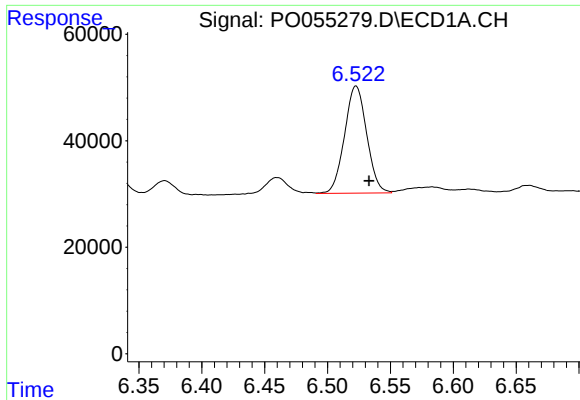
#26 AR-1254-1

R.T.: 6.307 min
Delta R.T.: -0.008 min
Response: 309437
Conc: 170.66 ng/ml



#26 AR-1254-1

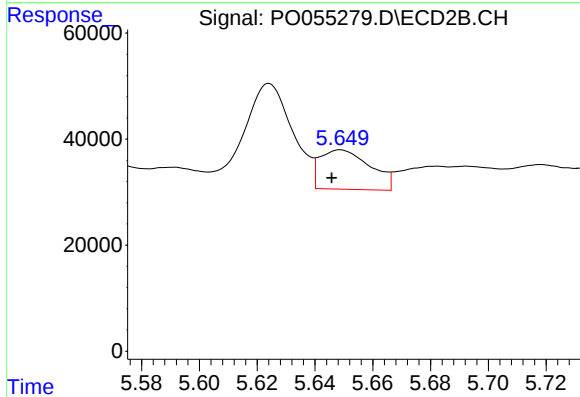
R.T.: 5.505 min
Delta R.T.: 0.005 min
Response: 138391
Conc: 63.32 ng/ml



#27 AR-1254-2

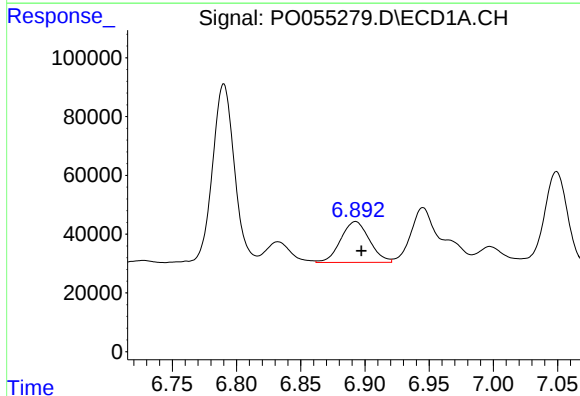
R.T.: 6.523 min
Delta R.T.: -0.010 min
Response: 246899
Conc: 86.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



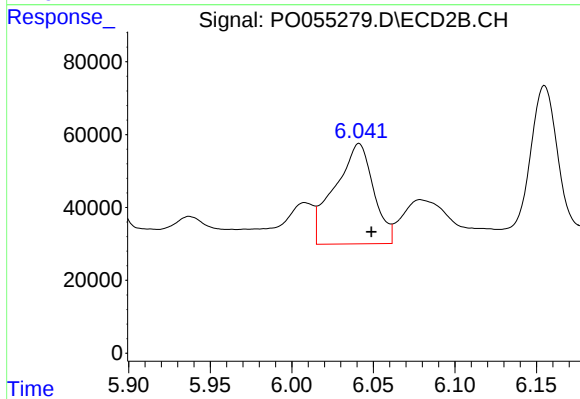
#27 AR-1254-2

R.T.: 5.649 min
Delta R.T.: 0.003 min
Response: 89705
Conc: 46.26 ng/ml



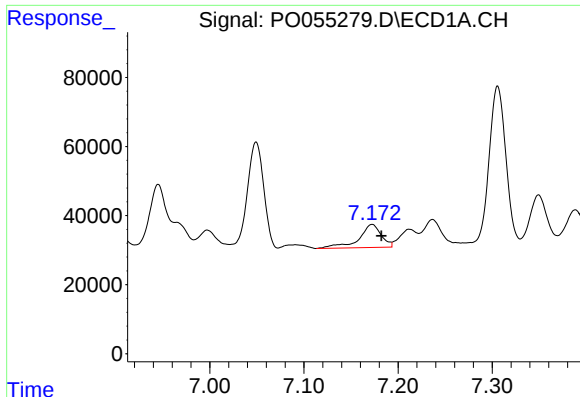
#28 AR-1254-3

R.T.: 6.893 min
Delta R.T.: -0.004 min
Response: 216837
Conc: 68.95 ng/ml



#28 AR-1254-3

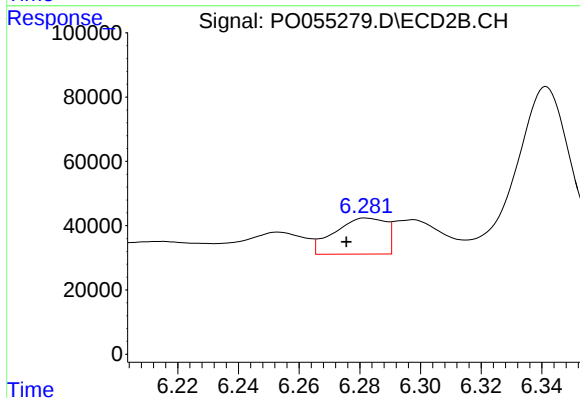
R.T.: 6.041 min
Delta R.T.: -0.007 min
Response: 455514
Conc: 142.10 ng/ml



#29 AR-1254-4

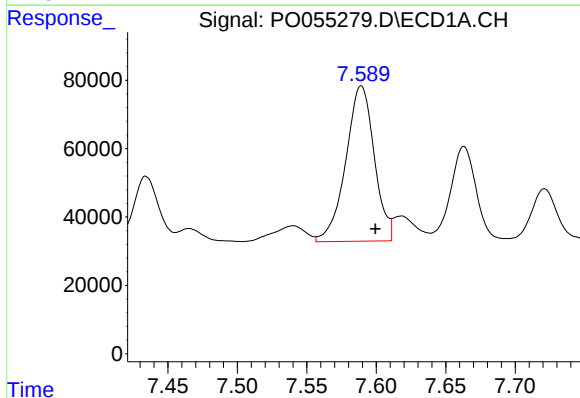
R.T.: 7.172 min
Delta R.T.: -0.010 min
Response: 109343
Conc: 44.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



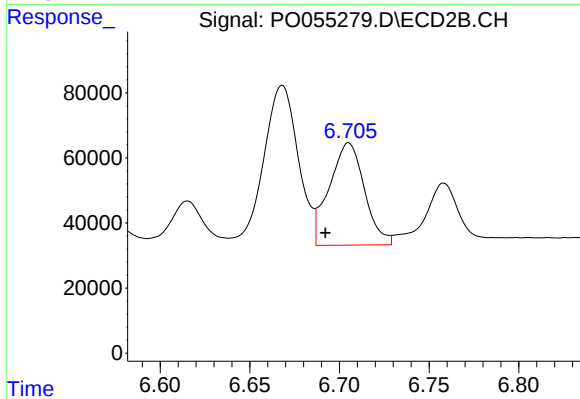
#29 AR-1254-4

R.T.: 6.282 min
Delta R.T.: 0.007 min
Response: 132089
Conc: 67.46 ng/ml



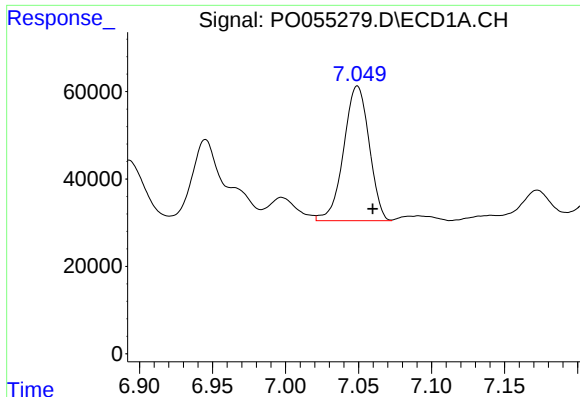
#30 AR-1254-5

R.T.: 7.589 min
Delta R.T.: -0.010 min
Response: 649060
Conc: 242.16 ng/ml



#30 AR-1254-5

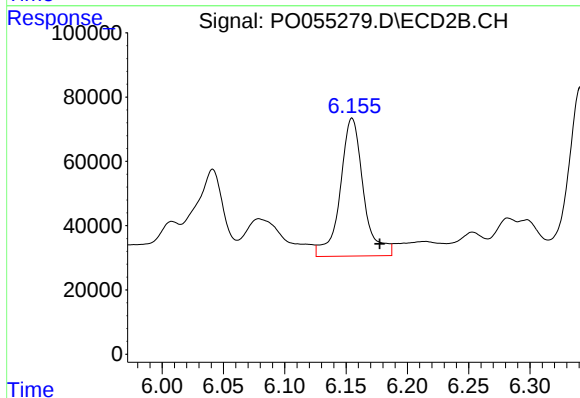
R.T.: 6.705 min
Delta R.T.: 0.013 min
Response: 429846
Conc: 149.53 ng/ml



#31 AR-1260-1

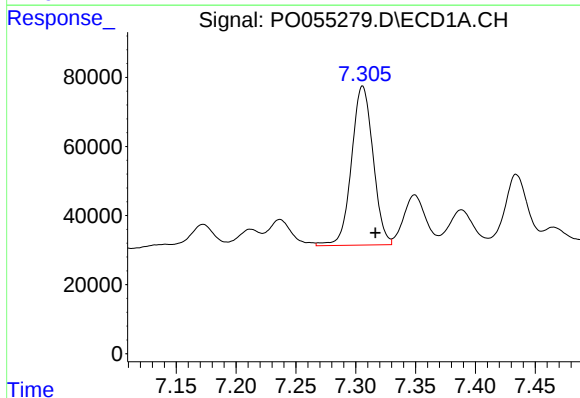
R.T.: 7.049 min
Delta R.T.: -0.010 min
Response: 374759
Conc: 149.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



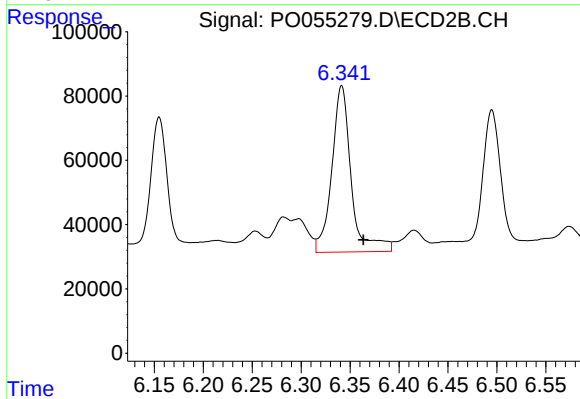
#31 AR-1260-1

R.T.: 6.155 min
Delta R.T.: -0.022 min
Response: 565474
Conc: 246.06 ng/ml



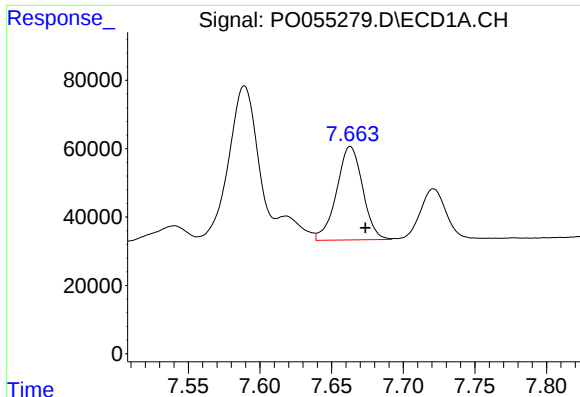
#32 AR-1260-2

R.T.: 7.306 min
Delta R.T.: -0.011 min
Response: 576389
Conc: 185.72 ng/ml



#32 AR-1260-2

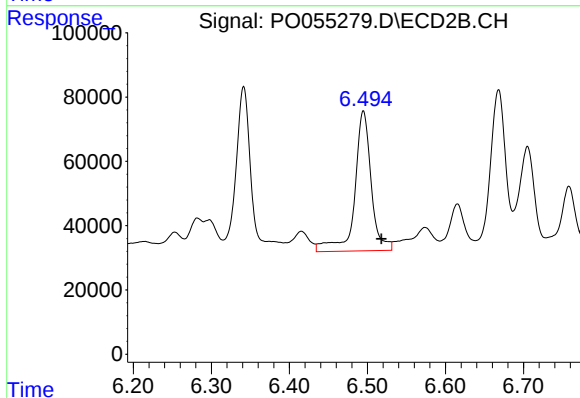
R.T.: 6.341 min
Delta R.T.: -0.022 min
Response: 713830
Conc: 259.31 ng/ml



#33 AR-1260-3

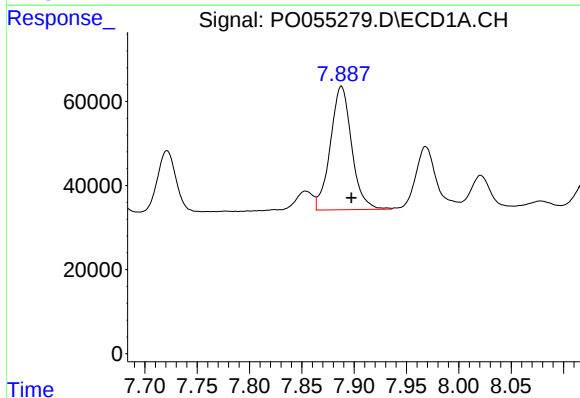
R.T.: 7.663 min
Delta R.T.: -0.011 min
Response: 346131
Conc: 141.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



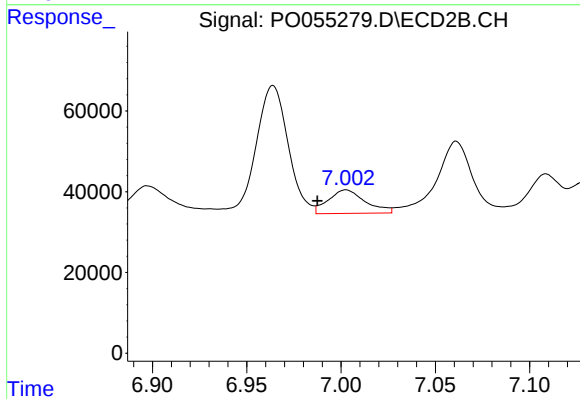
#33 AR-1260-3

R.T.: 6.495 min
Delta R.T.: -0.023 min
Response: 639461
Conc: 248.05 ng/ml



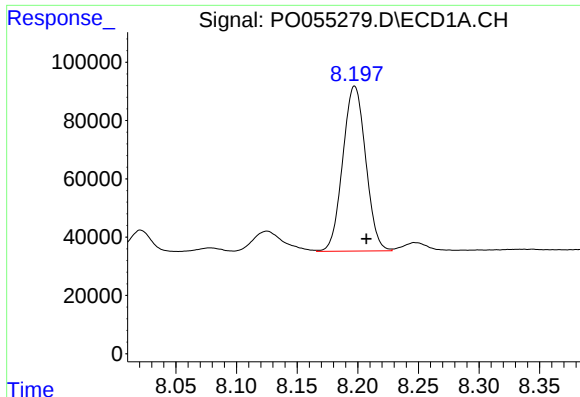
#34 AR-1260-4

R.T.: 7.888 min
Delta R.T.: -0.009 min
Response: 416983
Conc: 150.75 ng/ml



#34 AR-1260-4

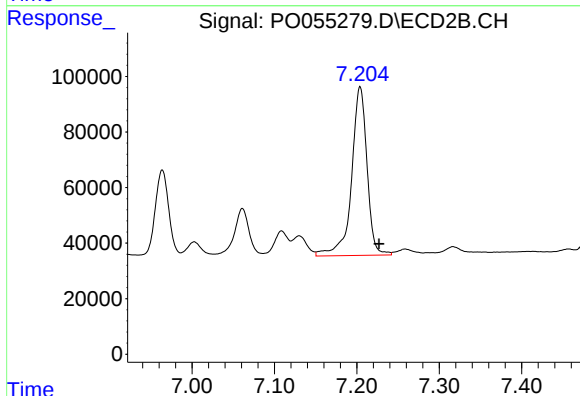
R.T.: 7.003 min
Delta R.T.: 0.015 min
Response: 80071
Conc: 37.62 ng/ml



#35 AR-1260-5

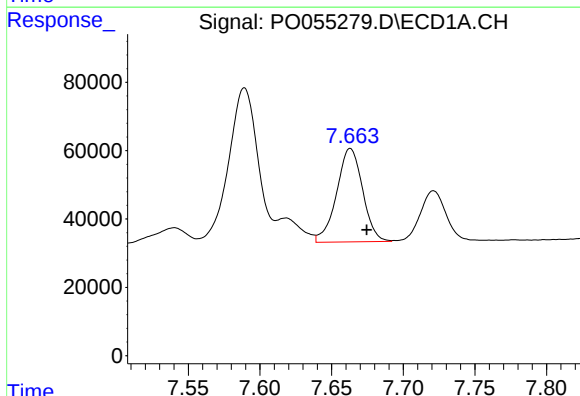
R.T.: 8.197 min
Delta R.T.: -0.010 min
Response: 744834
Conc: 134.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



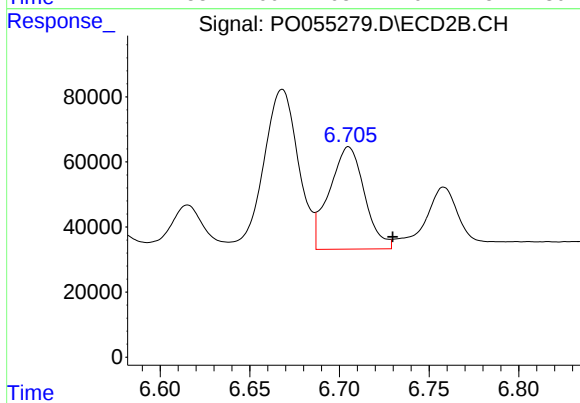
#35 AR-1260-5

R.T.: 7.204 min
Delta R.T.: -0.023 min
Response: 794201
Conc: 165.83 ng/ml



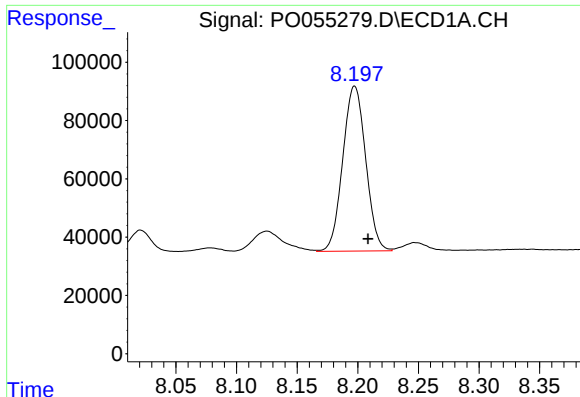
#36 AR-1262-1

R.T.: 7.663 min
Delta R.T.: -0.012 min
Response: 346131
Conc: 103.88 ng/ml



#36 AR-1262-1

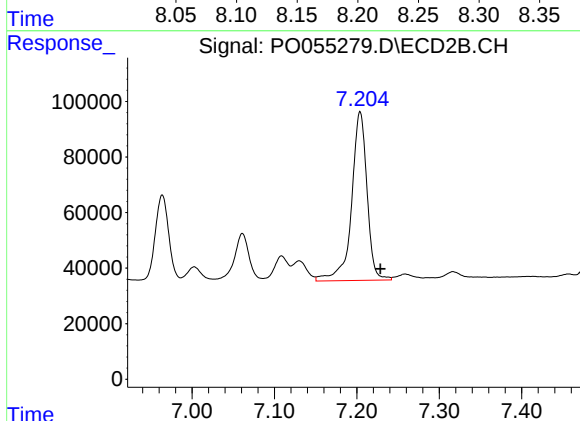
R.T.: 6.705 min
Delta R.T.: -0.025 min
Response: 429846
Conc: 144.49 ng/ml



#37 AR-1262-2

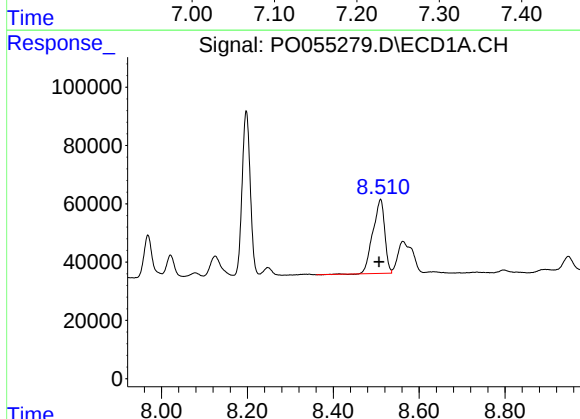
R.T.: 8.197 min
Delta R.T.: -0.011 min
Response: 744834
Conc: 125.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



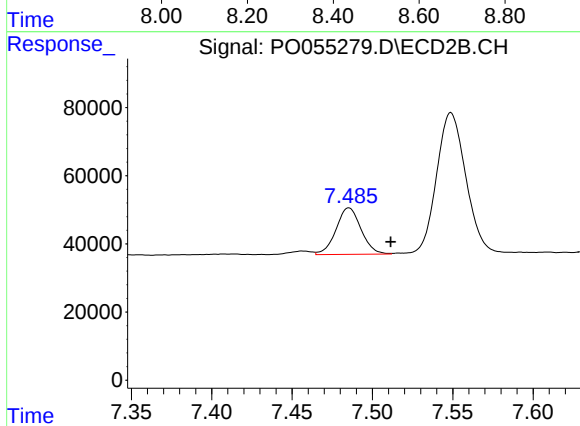
#37 AR-1262-2

R.T.: 7.204 min
Delta R.T.: -0.025 min
Response: 794201
Conc: 162.04 ng/ml



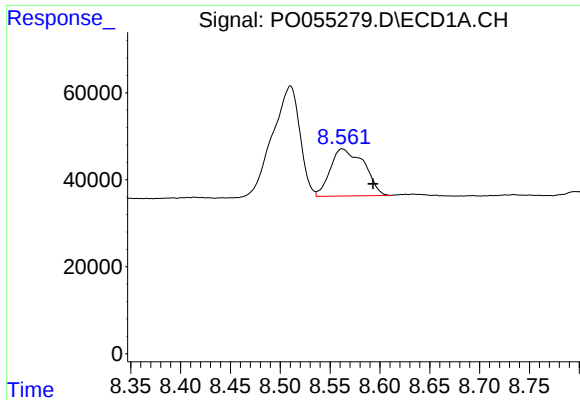
#38 AR-1262-3

R.T.: 8.510 min
Delta R.T.: 0.003 min
Response: 486601
Conc: 117.46 ng/ml



#38 AR-1262-3

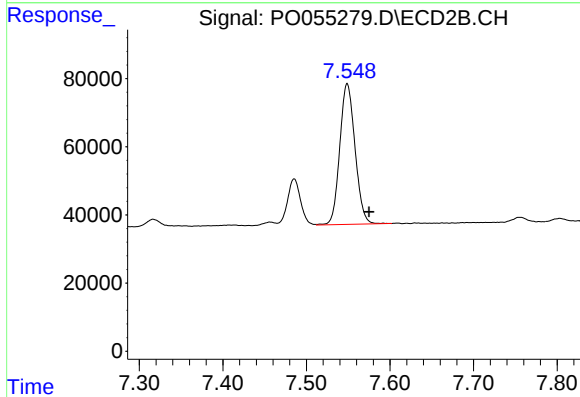
R.T.: 7.485 min
Delta R.T.: -0.026 min
Response: 148138
Conc: 72.14 ng/ml



#39 AR-1262-4

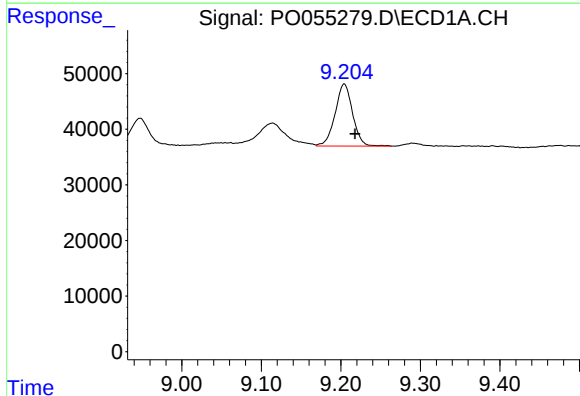
R.T.: 8.562 min
Delta R.T.: -0.031 min
Response: 254779
Conc: 79.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



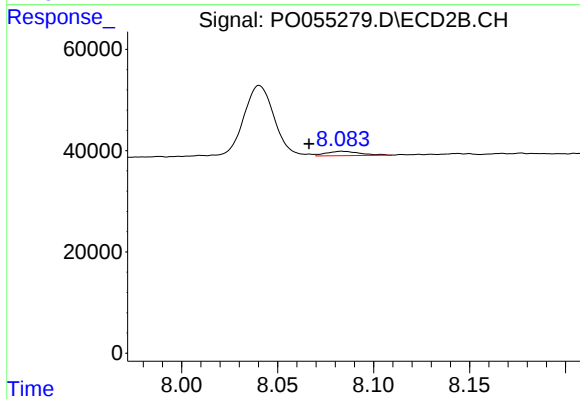
#39 AR-1262-4

R.T.: 7.549 min
Delta R.T.: -0.026 min
Response: 523227
Conc: 144.45 ng/ml



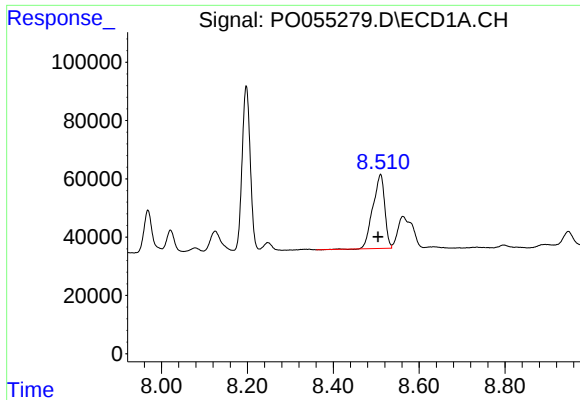
#40 AR-1262-5

R.T.: 9.204 min
Delta R.T.: -0.014 min
Response: 170318
Conc: 77.90 ng/ml



#40 AR-1262-5

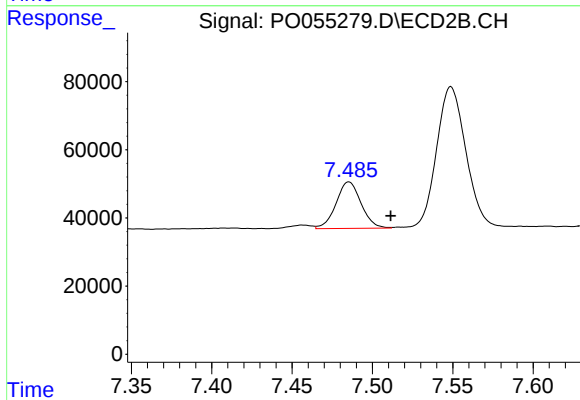
R.T.: 8.084 min
Delta R.T.: 0.017 min
Response: 10788
Conc: 6.68 ng/ml



#41 AR-1268-1

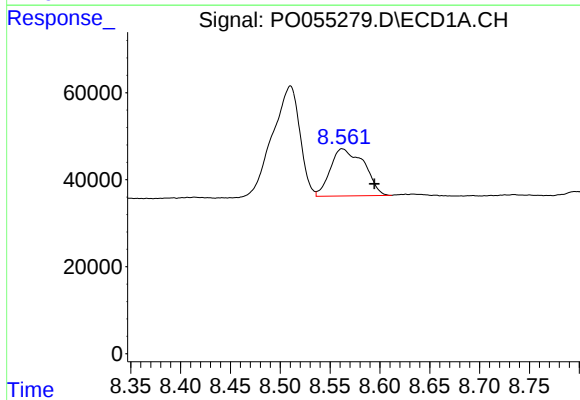
R.T.: 8.510 min
Delta R.T.: 0.006 min
Response: 486601
Conc: 68.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



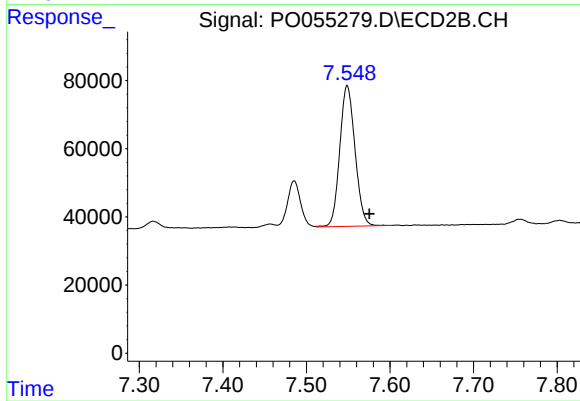
#41 AR-1268-1

R.T.: 7.485 min
Delta R.T.: -0.026 min
Response: 148138
Conc: 26.20 ng/ml



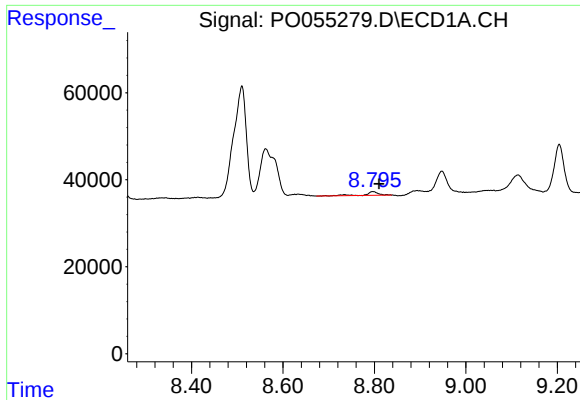
#42 AR-1268-2

R.T.: 8.562 min
Delta R.T.: -0.032 min
Response: 254779
Conc: 38.89 ng/ml



#42 AR-1268-2

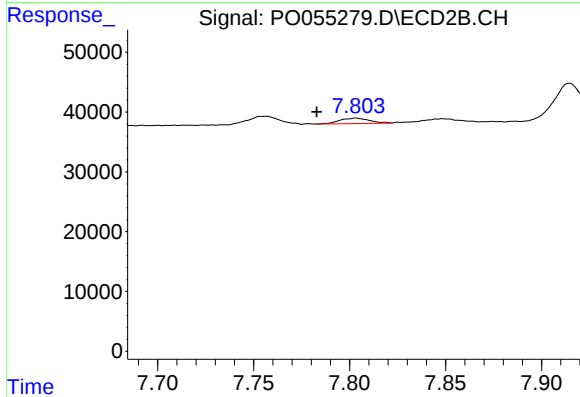
R.T.: 7.549 min
Delta R.T.: -0.026 min
Response: 523227
Conc: 101.17 ng/ml



#43 AR-1268-3

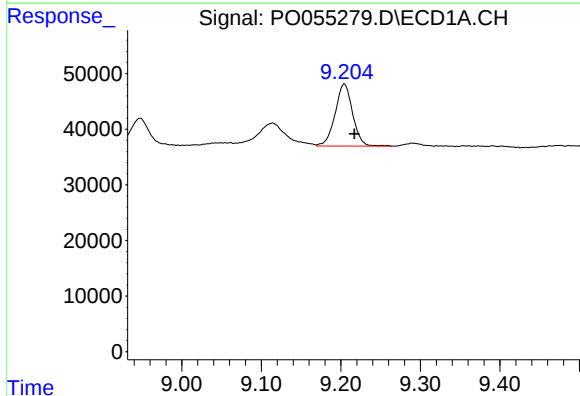
R.T.: 8.796 min
Delta R.T.: -0.014 min
Response: 15872
Conc: 2.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



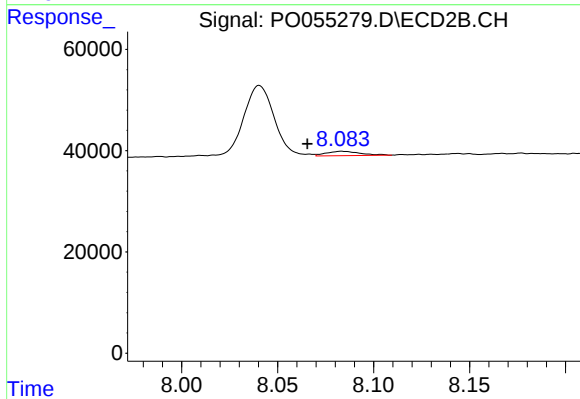
#43 AR-1268-3

R.T.: 7.803 min
Delta R.T.: 0.021 min
Response: 9973
Conc: 2.32 ng/ml



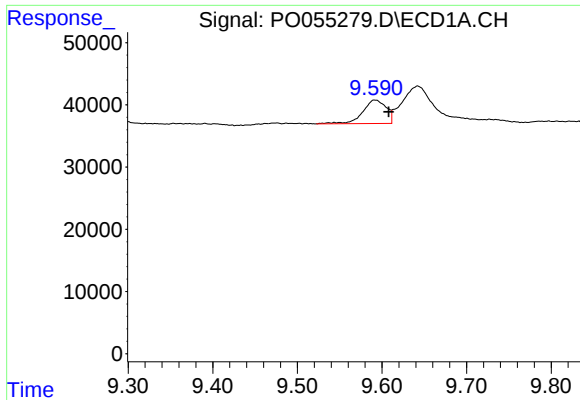
#44 AR-1268-4

R.T.: 9.204 min
Delta R.T.: -0.013 min
Response: 170318
Conc: 71.39 ng/ml



#44 AR-1268-4

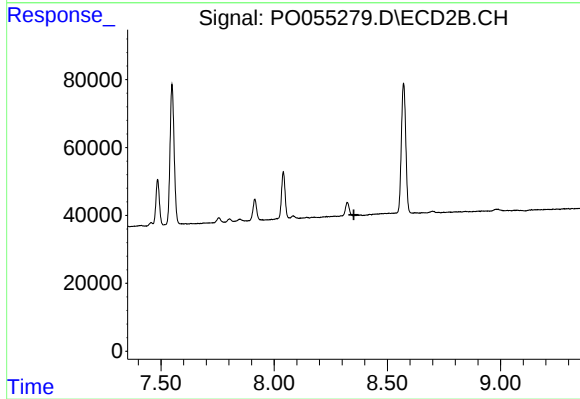
R.T.: 8.084 min
Delta R.T.: 0.018 min
Response: 10788
Conc: 5.82 ng/ml



#45 AR-1268-5

R.T.: 9.592 min
Delta R.T.: -0.016 min
Response: 72948
Conc: 4.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.352 min
Response: 0
Conc: N.D.