

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101019\
 Data File : PO061875.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 10 Oct 2019 19:40
 Operator : HP/AJ
 Sample : K5298-01MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TP-7MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 03:19:13 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 10 11:46:12 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...	4.351	3.512	1018622	695365	24.836	21.502
2)	SA Decachlor...	10.007	8.426	1016919	2006	21.836	0.062 #
Target Compounds							
3)	L1 AR-1016-1	5.537	4.579	736006	490465	401.367	364.749
4)	L1 AR-1016-2	5.599	4.608	453862	40948	175.587	22.094 #
5)	L1 AR-1016-3	5.599	4.791	453862	236000	282.526	235.595
6)	L1 AR-1016-4	5.697	4.830	392275	289106	293.412	333.624
7)	L1 AR-1016-5	6.031	5.035	145255	127995	105.916	112.135
8)	L2 AR-1221-1	4.554	3.738	36985	1067	80.005	2.696 #
9)	L2 AR-1221-2	4.647	3.802	56319	47672	156.869	154.582
10)	L2 AR-1221-3	4.723	3.875	230135	171143	202.135	187.628
11)	L3 AR-1232-1	4.723	3.875	230135	171143	164.569	152.425
12)	L3 AR-1232-2	5.248	4.608	343839	40948	438.258	33.545 #
13)	L3 AR-1232-3	5.537	4.749	736006	281419	430.745	426.228
14)	L3 AR-1232-4	5.697	4.860	392275	111145	443.356	176.323 #
15)	L3 AR-1232-5	5.787	4.996	344304	305442	496.593	445.154
16)	L4 AR-1242-1	5.537	4.561	736006	361785	518.255	353.132 #
17)	L4 AR-1242-2	5.537	4.579	736006	490465	366.202	347.792
18)	L4 AR-1242-3	5.599	4.749	453862	281419	359.673	360.385
19)	L4 AR-1242-4	5.697	4.830	392275	289106	373.322	352.311
20)	L4 AR-1242-5	6.432	5.338	66649	262077	49.832	244.647 #
21)	L5 AR-1248-1	5.537	4.579	736006	490465	626.485	548.118
22)	L5 AR-1248-2	5.832	4.830	363291	289106	215.326	245.366
23)	L5 AR-1248-3	6.031	4.860	145255	111145	77.725	89.541
24)	L5 AR-1248-4	6.432	5.035	66649	127995	28.207	85.143 #
25)	L5 AR-1248-5	6.432	5.428	66649	61818	29.394	40.294 #
26)	L6 AR-1254-1	6.393	5.338	76829	262077	33.676	119.490 #
27)	L6 AR-1254-2	6.582	5.482	423833	268994	117.306	137.208
28)	L6 AR-1254-3	6.950	5.890	198669	447346	50.845	140.509 #
29)	L6 AR-1254-4	7.234	6.130	139174	174037	45.953	85.781 #
30)	L6 AR-1254-5	7.682	6.547	147086	507470	46.836	179.415 #
31)	L7 AR-1260-1	7.179	6.061	4895	29841	1.875	14.629 #
32)	L7 AR-1260-2	7.411	6.189	326669	721826	102.469	300.543 #
33)	L7 AR-1260-3	7.783	6.338	366710	662075	152.677	293.849 #
34)	L7 AR-1260-4	7.950	6.837	756209	84938	283.007	46.007 #
35)	L7 AR-1260-5	8.314	7.094	92946	31156	18.784	8.002 #
36)	L8 AR-1262-1	7.725	6.599	647016	284480	168.869	233.059 #
37)	L8 AR-1262-2	8.264	7.041	1300449	996419	209.477	216.706
38)	L8 AR-1262-3	8.582	7.319	822610	215567	197.918	114.431 #
39)	L8 AR-1262-4	8.635	7.426	474013	1750	150.153	0.521 #
40)	L8 AR-1262-5	9.289	7.869	286925	224558	141.090	148.129
41)	L9 AR-1268-1	8.582	7.319	822610	215567	122.332	44.639 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101019\
 Data File : P0061875.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 10 Oct 2019 19:40
 Operator : HP/AJ
 Sample : K5298-01MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

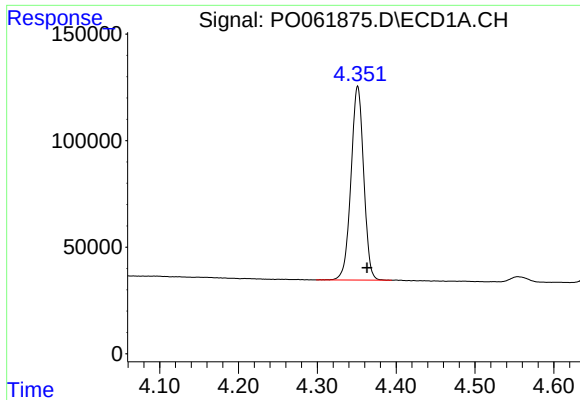
Instrument :
 ECD_O
 ClientSampleId :
 TP-7MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 03:19:13 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 10 11:46:12 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
42) L9	AR-1268-2	8.635	7.426	474013	1750	76.547	0.406 #
43) L9	AR-1268-3	8.874	7.584	31940	30093	6.248	8.396 #
44) L9	AR-1268-4	9.289	7.913	286925	18372	131.220	11.415 #
45) L9	AR-1268-5	9.684	8.181	94832	6601	6.313	0.656 #

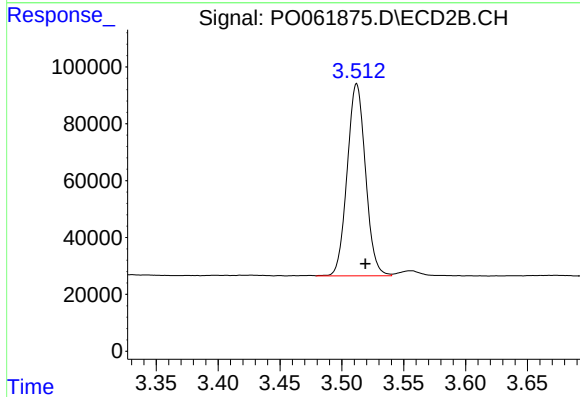
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

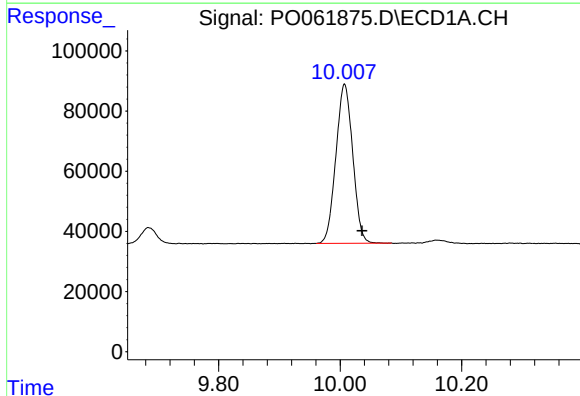
R.T.: 4.351 min
Delta R.T.: -0.012 min
Response: 1018622
Conc: 24.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7MSD



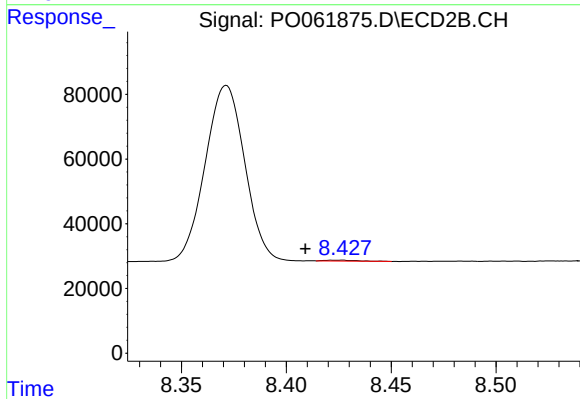
#1 Tetrachloro-m-xylene

R.T.: 3.512 min
Delta R.T.: -0.007 min
Response: 695365
Conc: 21.50 ng/ml



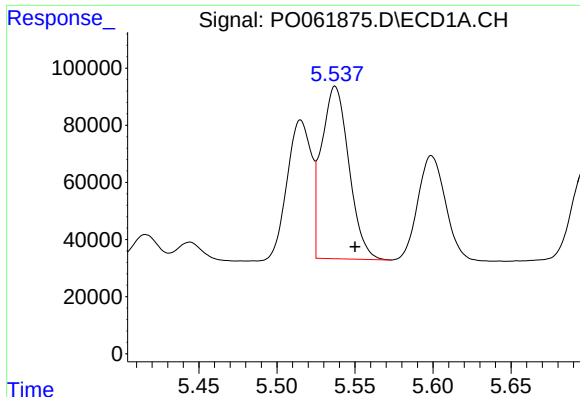
#2 Decachlorobiphenyl

R.T.: 10.007 min
Delta R.T.: -0.029 min
Response: 1016919
Conc: 21.84 ng/ml



#2 Decachlorobiphenyl

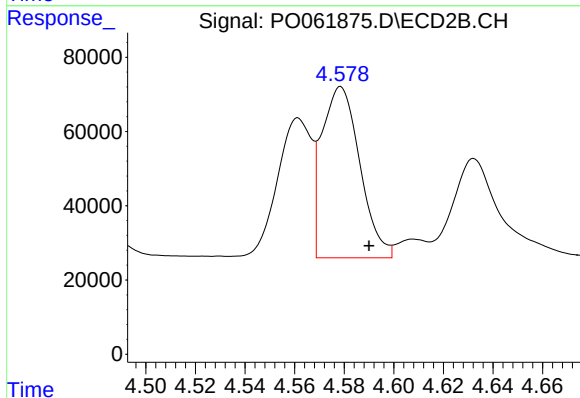
R.T.: 8.426 min
Delta R.T.: 0.017 min
Response: 2006
Conc: 0.06 ng/ml



#3 AR-1016-1

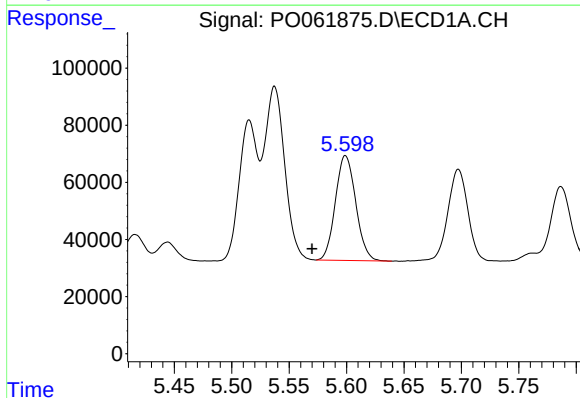
R.T.: 5.537 min
Delta R.T.: -0.013 min
Response: 736006
Conc: 401.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7MSD



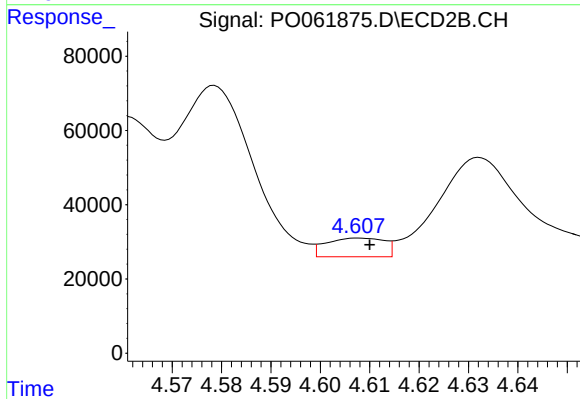
#3 AR-1016-1

R.T.: 4.579 min
Delta R.T.: -0.011 min
Response: 490465
Conc: 364.75 ng/ml



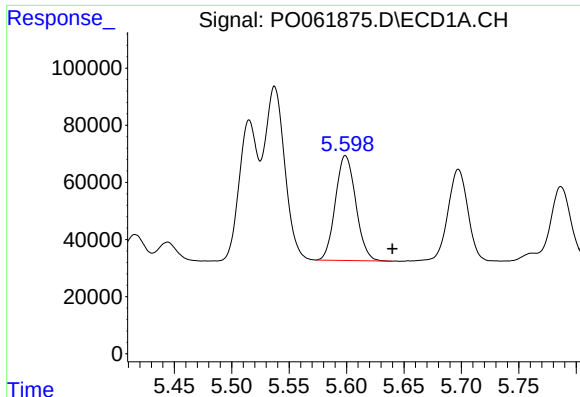
#4 AR-1016-2

R.T.: 5.599 min
Delta R.T.: 0.029 min
Response: 453862
Conc: 175.59 ng/ml



#4 AR-1016-2

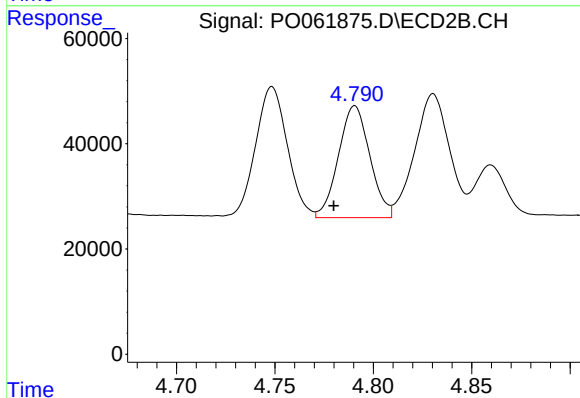
R.T.: 4.608 min
Delta R.T.: -0.002 min
Response: 40948
Conc: 22.09 ng/ml



#5 AR-1016-3

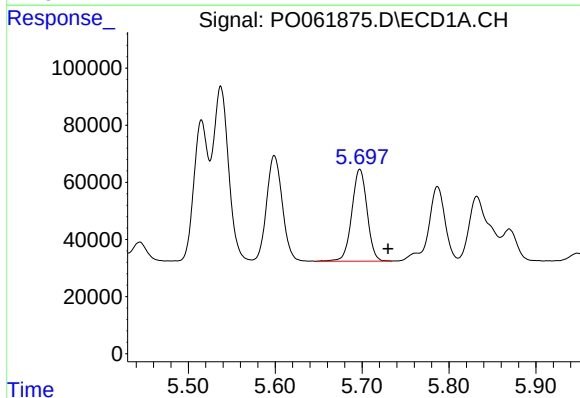
R.T.: 5.599 min
Delta R.T.: -0.041 min
Response: 453862
Conc: 282.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7MSD



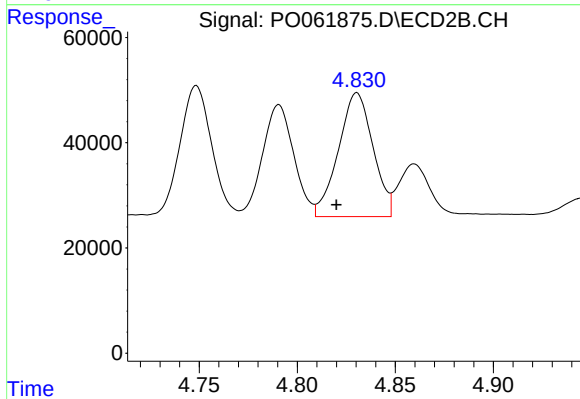
#5 AR-1016-3

R.T.: 4.791 min
Delta R.T.: 0.011 min
Response: 236000
Conc: 235.60 ng/ml



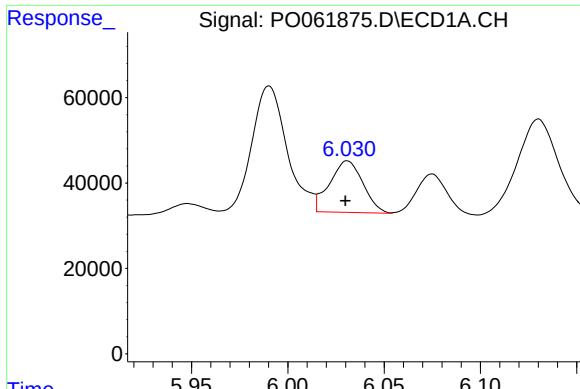
#6 AR-1016-4

R.T.: 5.697 min
Delta R.T.: -0.033 min
Response: 392275
Conc: 293.41 ng/ml



#6 AR-1016-4

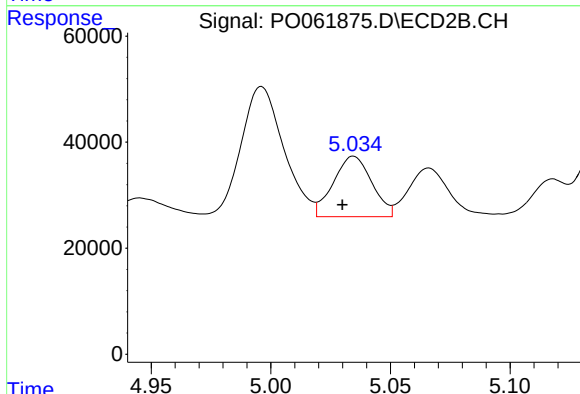
R.T.: 4.830 min
Delta R.T.: 0.010 min
Response: 289106
Conc: 333.62 ng/ml



#7 AR-1016-5

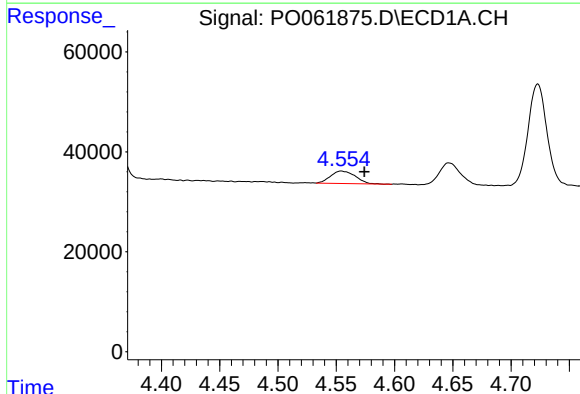
R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 145255
Conc: 105.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7MSD



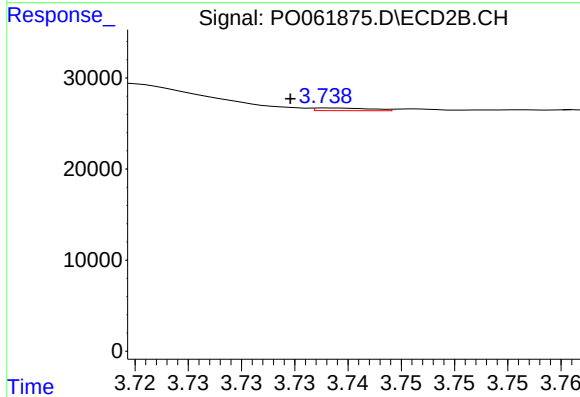
#7 AR-1016-5

R.T.: 5.035 min
Delta R.T.: 0.005 min
Response: 127995
Conc: 112.13 ng/ml



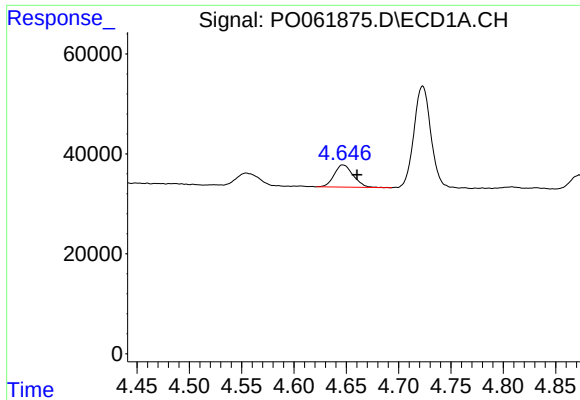
#8 AR-1221-1

R.T.: 4.554 min
Delta R.T.: -0.020 min
Response: 36985
Conc: 80.01 ng/ml



#8 AR-1221-1

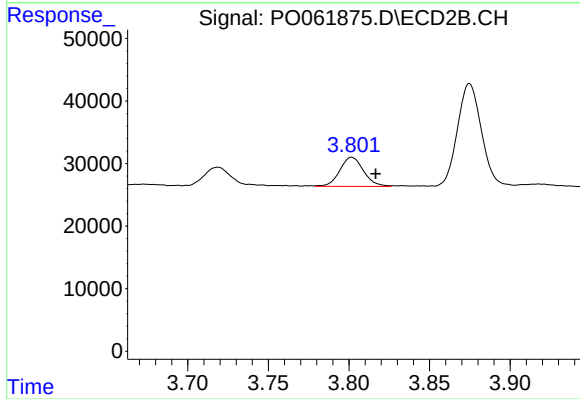
R.T.: 3.738 min
Delta R.T.: 0.004 min
Response: 1067
Conc: 2.70 ng/ml



#9 AR-1221-2

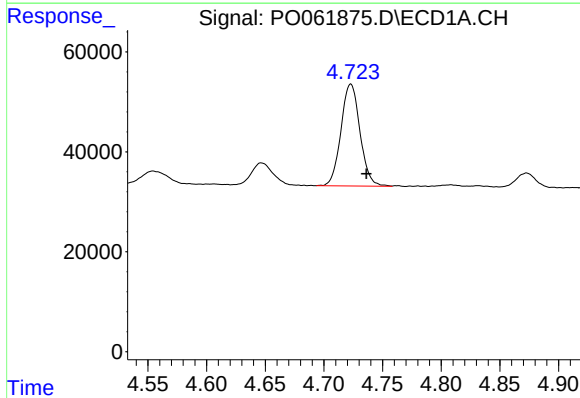
R.T.: 4.647 min
Delta R.T.: -0.013 min
Response: 56319
Conc: 156.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7MSD



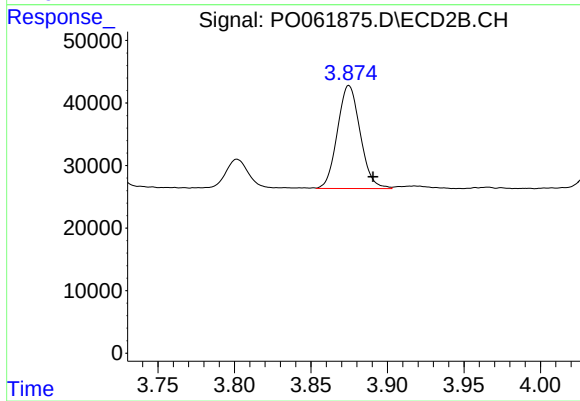
#9 AR-1221-2

R.T.: 3.802 min
Delta R.T.: -0.015 min
Response: 47672
Conc: 154.58 ng/ml



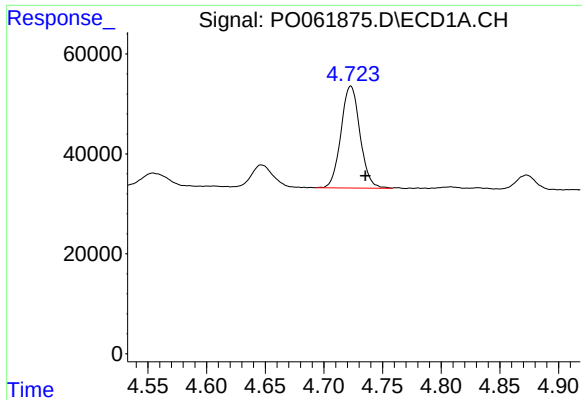
#10 AR-1221-3

R.T.: 4.723 min
Delta R.T.: -0.013 min
Response: 230135
Conc: 202.13 ng/ml



#10 AR-1221-3

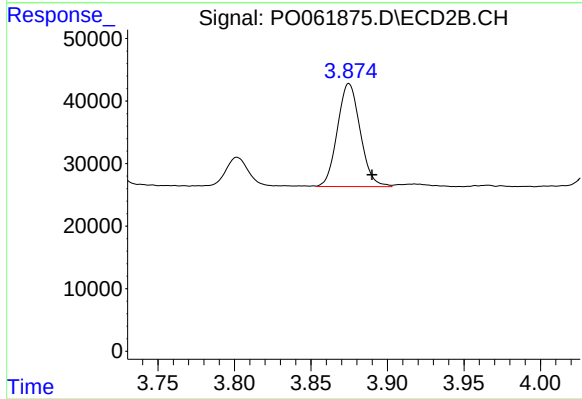
R.T.: 3.875 min
Delta R.T.: -0.016 min
Response: 171143
Conc: 187.63 ng/ml



#11 AR-1232-1

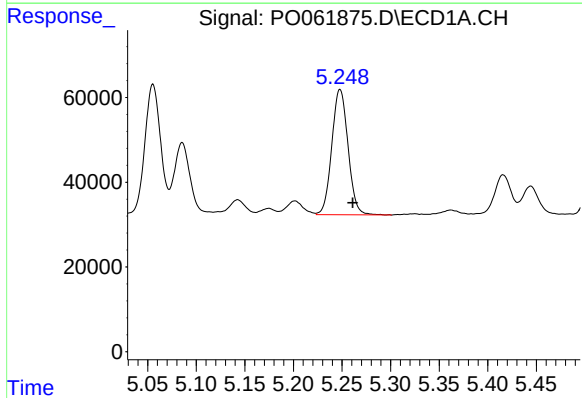
R.T.: 4.723 min
Delta R.T.: -0.013 min
Response: 230135
Conc: 164.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7MSD



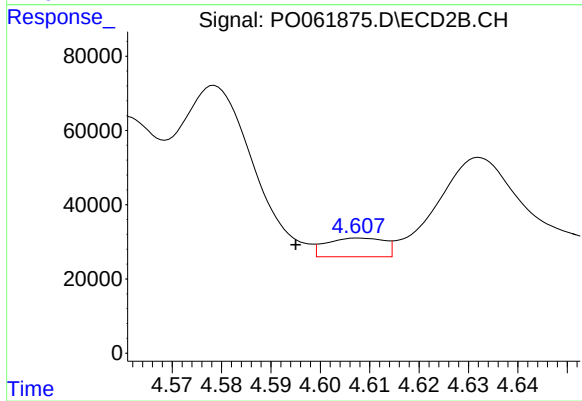
#11 AR-1232-1

R.T.: 3.875 min
Delta R.T.: -0.015 min
Response: 171143
Conc: 152.43 ng/ml



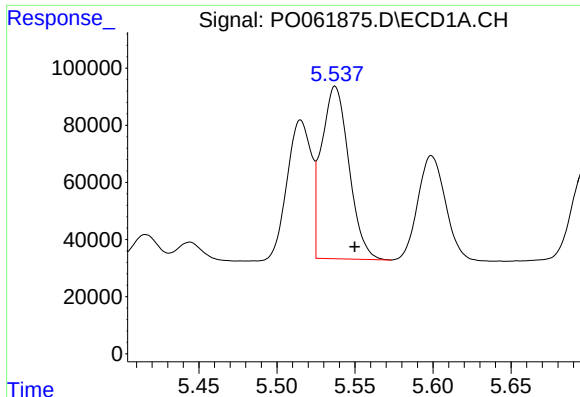
#12 AR-1232-2

R.T.: 5.248 min
Delta R.T.: -0.013 min
Response: 343839
Conc: 438.26 ng/ml



#12 AR-1232-2

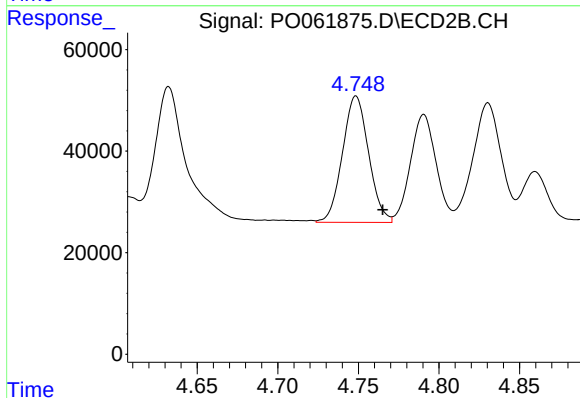
R.T.: 4.608 min
Delta R.T.: 0.013 min
Response: 40948
Conc: 33.54 ng/ml



#13 AR-1232-3

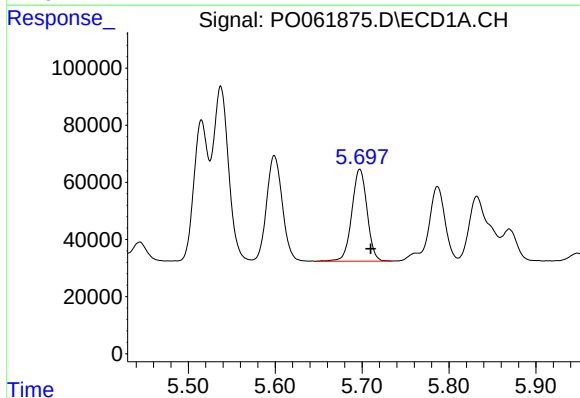
R.T.: 5.537 min
Delta R.T.: -0.012 min
Response: 736006
Conc: 430.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7MSD



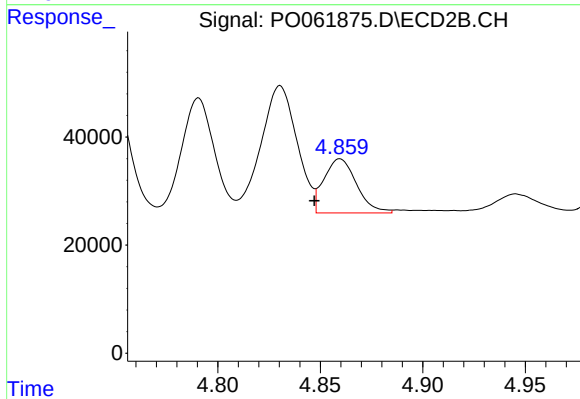
#13 AR-1232-3

R.T.: 4.749 min
Delta R.T.: -0.016 min
Response: 281419
Conc: 426.23 ng/ml



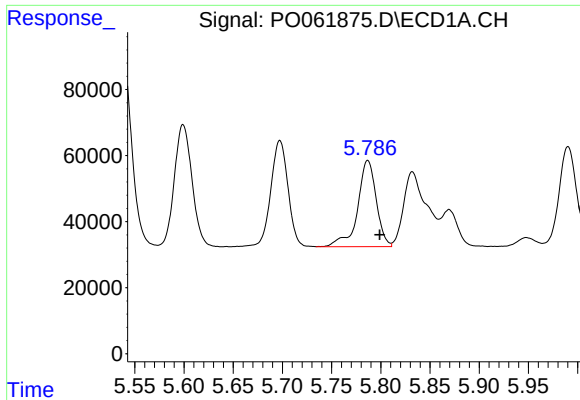
#14 AR-1232-4

R.T.: 5.697 min
Delta R.T.: -0.013 min
Response: 392275
Conc: 443.36 ng/ml



#14 AR-1232-4

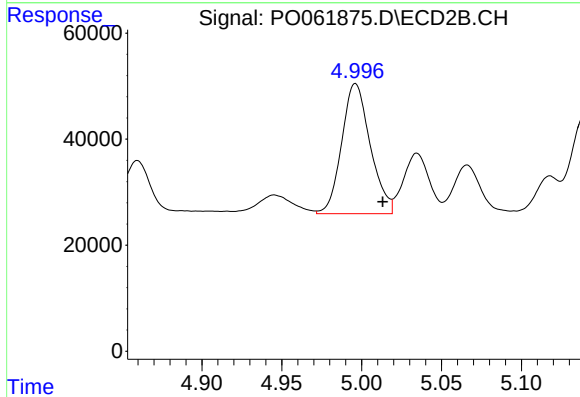
R.T.: 4.860 min
Delta R.T.: 0.013 min
Response: 111145
Conc: 176.32 ng/ml



#15 AR-1232-5

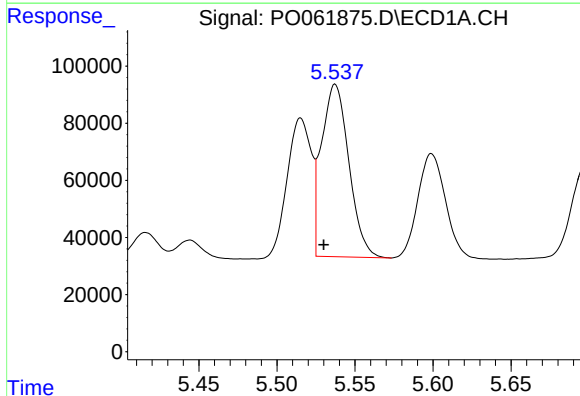
R.T.: 5.787 min
Delta R.T.: -0.012 min
Response: 344304
Conc: 496.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7MSD



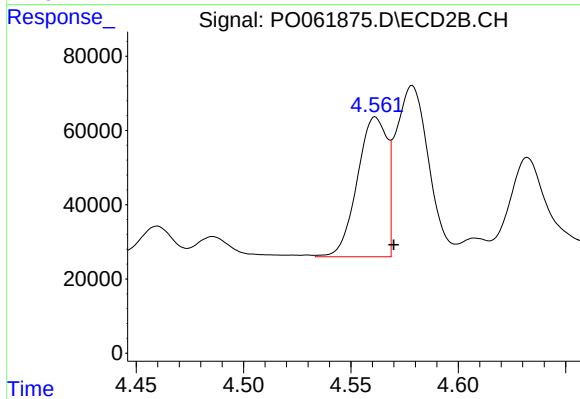
#15 AR-1232-5

R.T.: 4.996 min
Delta R.T.: -0.017 min
Response: 305442
Conc: 445.15 ng/ml



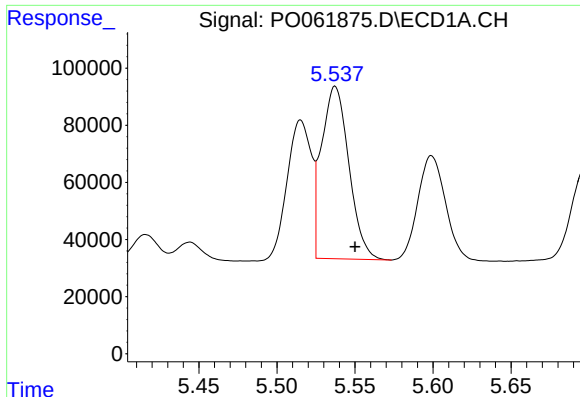
#16 AR-1242-1

R.T.: 5.537 min
Delta R.T.: 0.007 min
Response: 736006
Conc: 518.25 ng/ml



#16 AR-1242-1

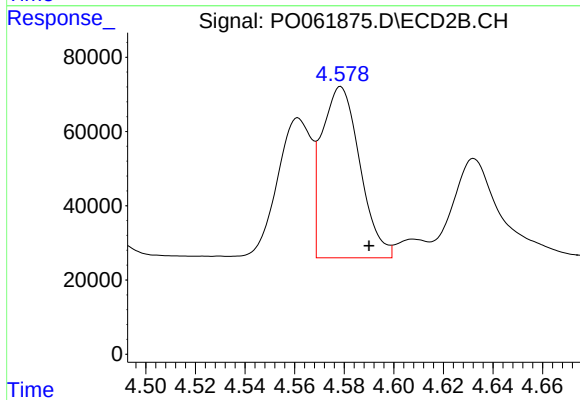
R.T.: 4.561 min
Delta R.T.: -0.009 min
Response: 361785
Conc: 353.13 ng/ml



#17 AR-1242-2

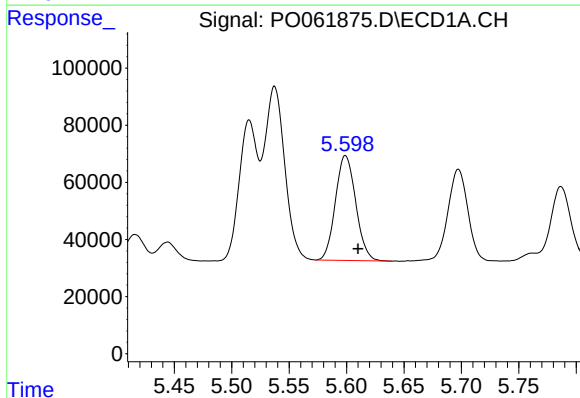
R.T.: 5.537 min
Delta R.T.: -0.013 min
Response: 736006
Conc: 366.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7MSD



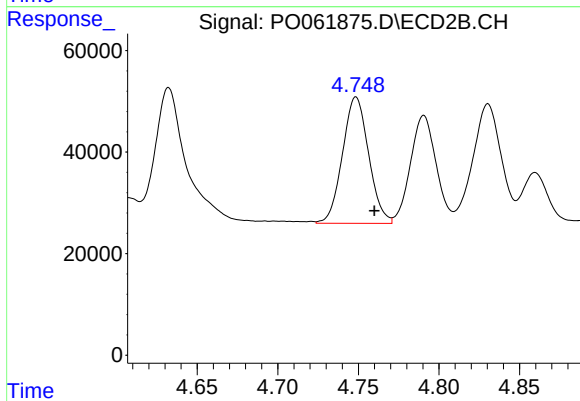
#17 AR-1242-2

R.T.: 4.579 min
Delta R.T.: -0.011 min
Response: 490465
Conc: 347.79 ng/ml



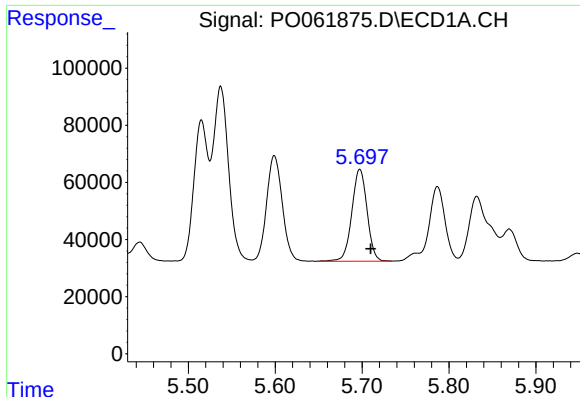
#18 AR-1242-3

R.T.: 5.599 min
Delta R.T.: -0.011 min
Response: 453862
Conc: 359.67 ng/ml



#18 AR-1242-3

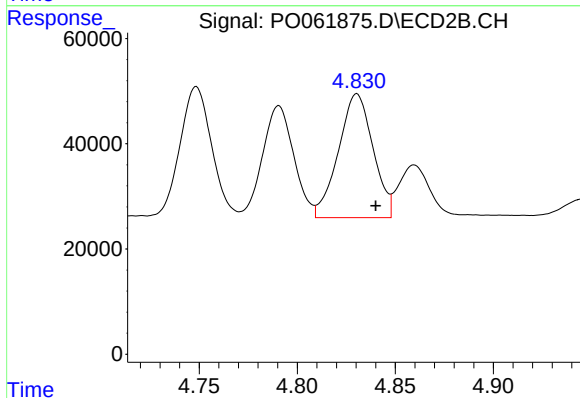
R.T.: 4.749 min
Delta R.T.: -0.011 min
Response: 281419
Conc: 360.39 ng/ml



#19 AR-1242-4

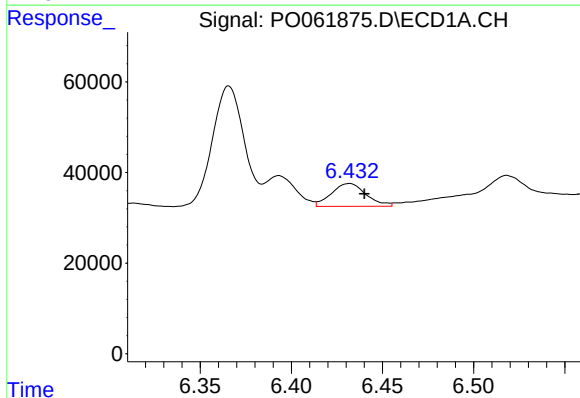
R.T.: 5.697 min
Delta R.T.: -0.013 min
Response: 392275
Conc: 373.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7MSD



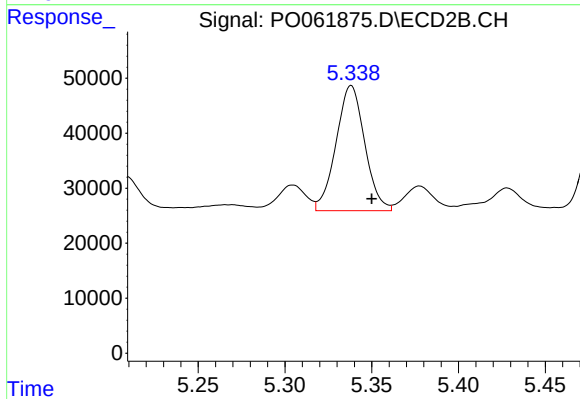
#19 AR-1242-4

R.T.: 4.830 min
Delta R.T.: -0.010 min
Response: 289106
Conc: 352.31 ng/ml



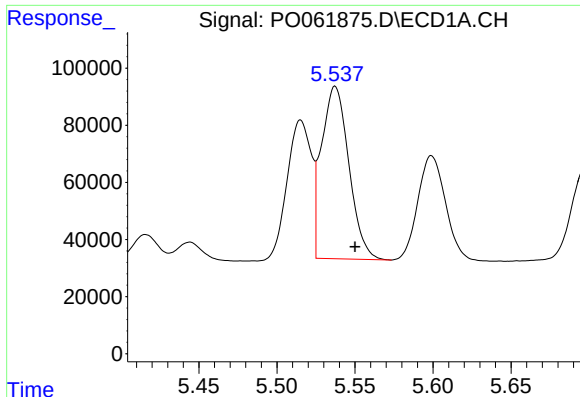
#20 AR-1242-5

R.T.: 6.432 min
Delta R.T.: -0.008 min
Response: 66649
Conc: 49.83 ng/ml



#20 AR-1242-5

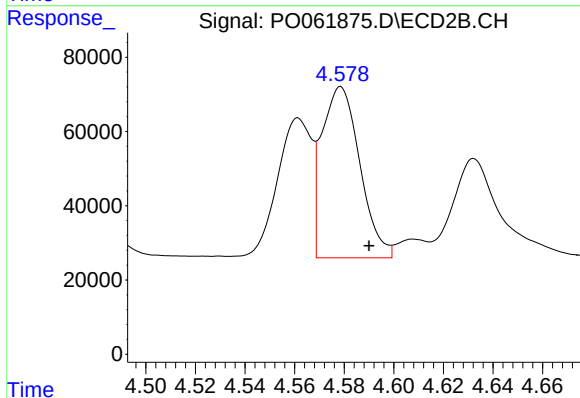
R.T.: 5.338 min
Delta R.T.: -0.012 min
Response: 262077
Conc: 244.65 ng/ml



#21 AR-1248-1

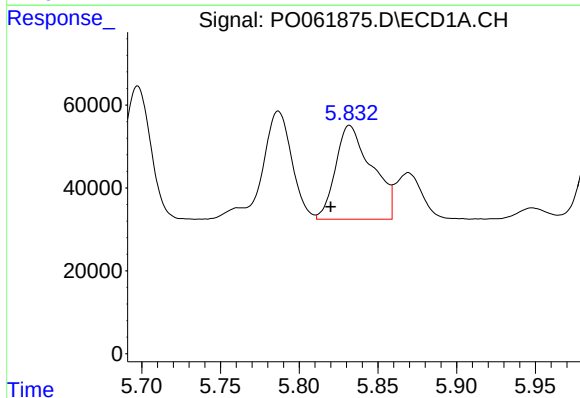
R.T.: 5.537 min
Delta R.T.: -0.013 min
Response: 736006
Conc: 626.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7MSD



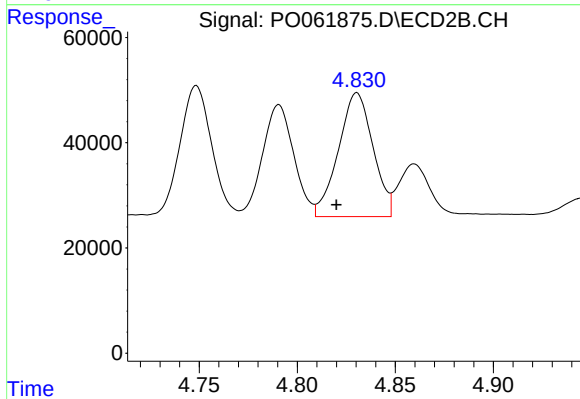
#21 AR-1248-1

R.T.: 4.579 min
Delta R.T.: -0.011 min
Response: 490465
Conc: 548.12 ng/ml



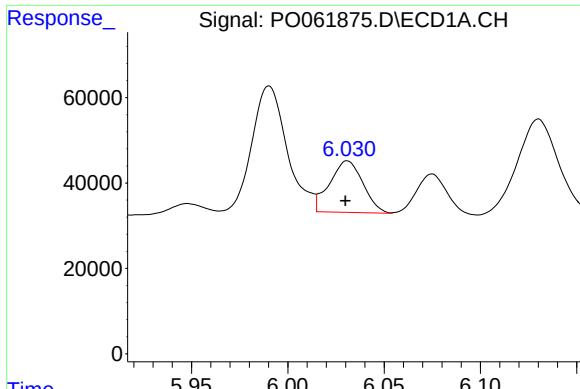
#22 AR-1248-2

R.T.: 5.832 min
Delta R.T.: 0.012 min
Response: 363291
Conc: 215.33 ng/ml



#22 AR-1248-2

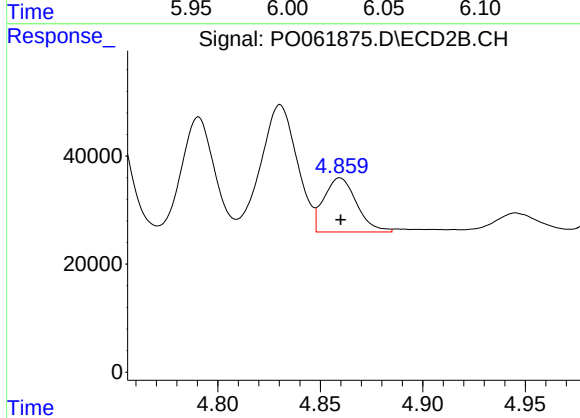
R.T.: 4.830 min
Delta R.T.: 0.010 min
Response: 289106
Conc: 245.37 ng/ml



#23 AR-1248-3

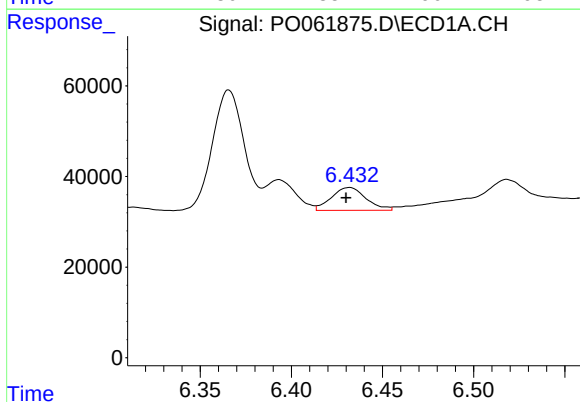
R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 145255
Conc: 77.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7MSD



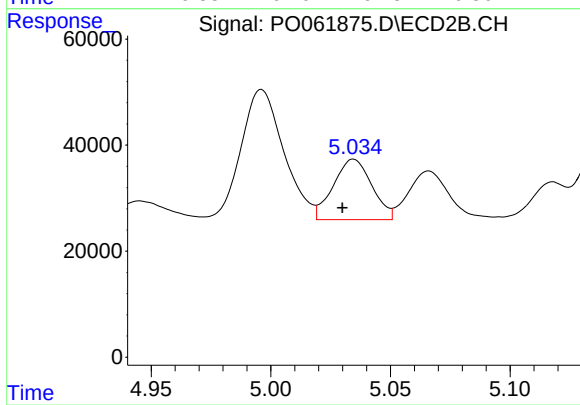
#23 AR-1248-3

R.T.: 4.860 min
Delta R.T.: 0.000 min
Response: 111145
Conc: 89.54 ng/ml



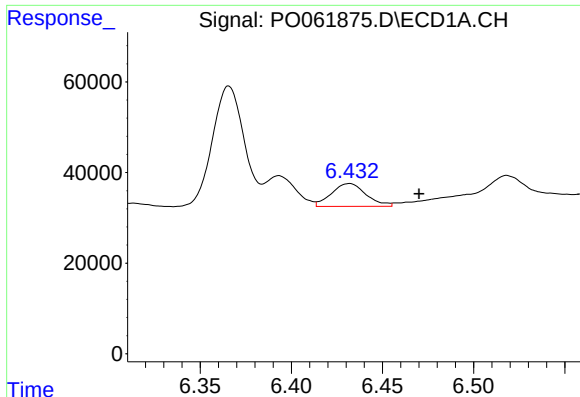
#24 AR-1248-4

R.T.: 6.432 min
Delta R.T.: 0.002 min
Response: 66649
Conc: 28.21 ng/ml



#24 AR-1248-4

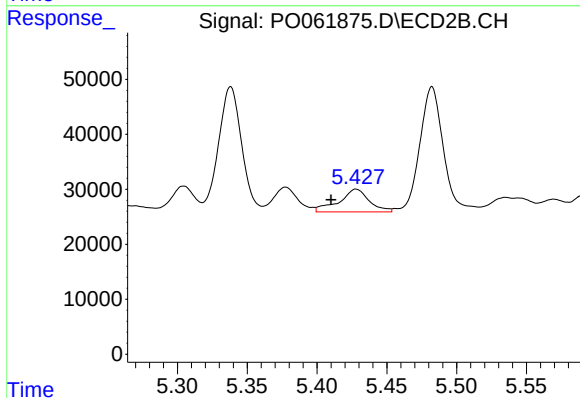
R.T.: 5.035 min
Delta R.T.: 0.005 min
Response: 127995
Conc: 85.14 ng/ml



#25 AR-1248-5

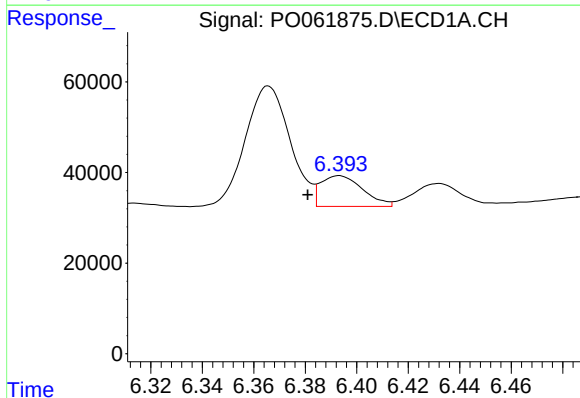
R.T.: 6.432 min
Delta R.T.: -0.038 min
Response: 66649
Conc: 29.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7MSD



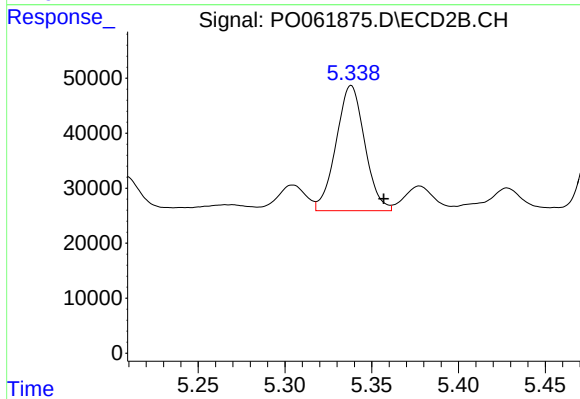
#25 AR-1248-5

R.T.: 5.428 min
Delta R.T.: 0.018 min
Response: 61818
Conc: 40.29 ng/ml



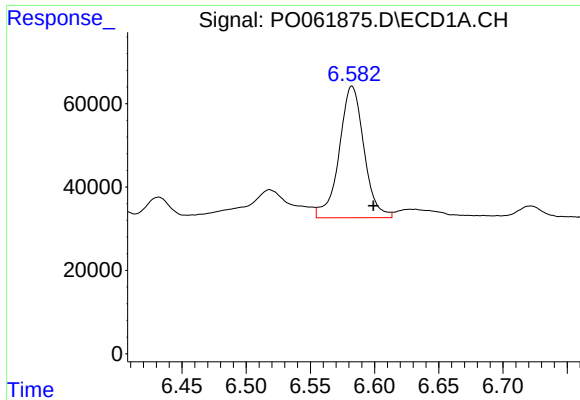
#26 AR-1254-1

R.T.: 6.393 min
Delta R.T.: 0.012 min
Response: 76829
Conc: 33.68 ng/ml



#26 AR-1254-1

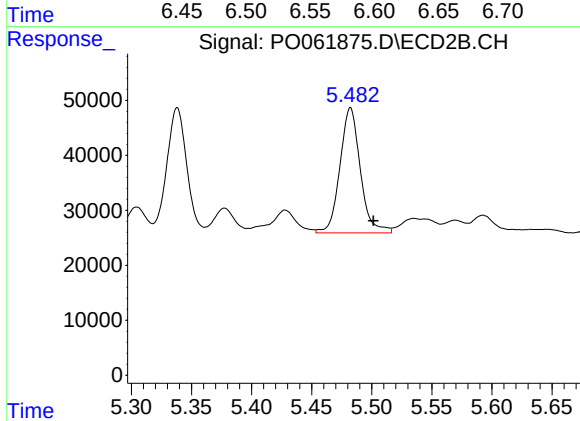
R.T.: 5.338 min
Delta R.T.: -0.019 min
Response: 262077
Conc: 119.49 ng/ml



#27 AR-1254-2

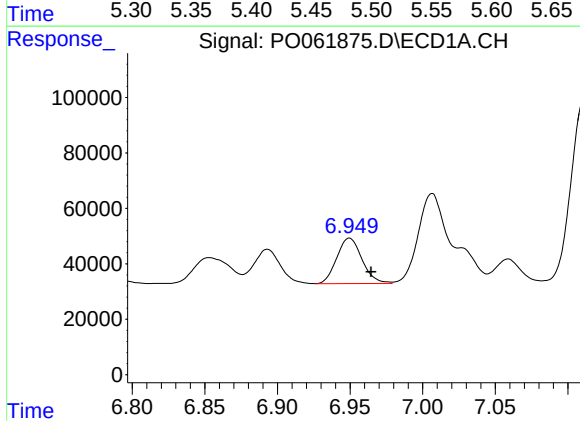
R.T.: 6.582 min
Delta R.T.: -0.017 min
Response: 423833
Conc: 117.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7MSD



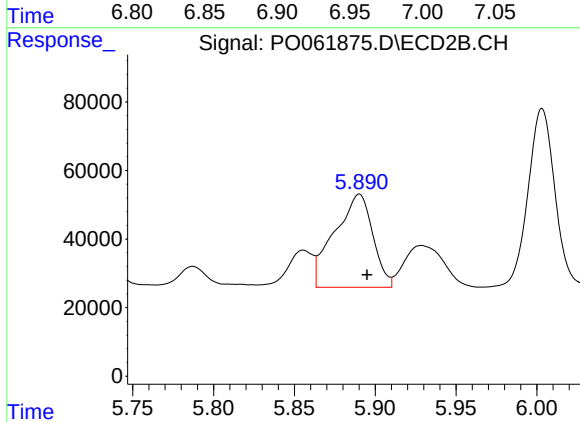
#27 AR-1254-2

R.T.: 5.482 min
Delta R.T.: -0.019 min
Response: 268994
Conc: 137.21 ng/ml



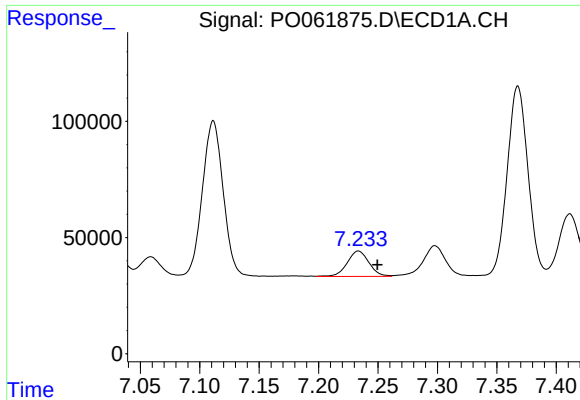
#28 AR-1254-3

R.T.: 6.950 min
Delta R.T.: -0.015 min
Response: 198669
Conc: 50.84 ng/ml



#28 AR-1254-3

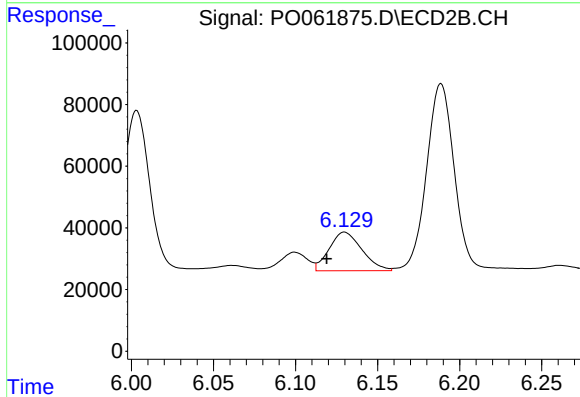
R.T.: 5.890 min
Delta R.T.: -0.005 min
Response: 447346
Conc: 140.51 ng/ml



#29 AR-1254-4

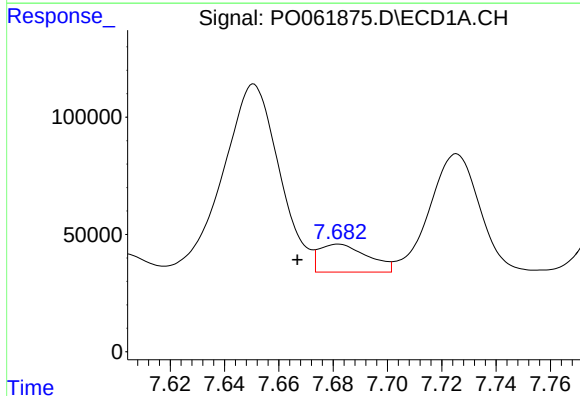
R.T.: 7.234 min
Delta R.T.: -0.016 min
Response: 139174
Conc: 45.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7MSD



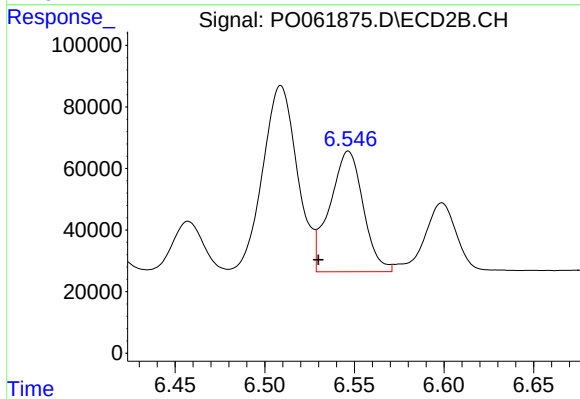
#29 AR-1254-4

R.T.: 6.130 min
Delta R.T.: 0.011 min
Response: 174037
Conc: 85.78 ng/ml



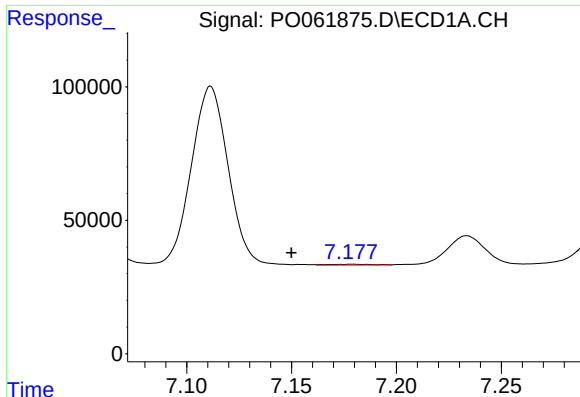
#30 AR-1254-5

R.T.: 7.682 min
Delta R.T.: 0.015 min
Response: 147086
Conc: 46.84 ng/ml



#30 AR-1254-5

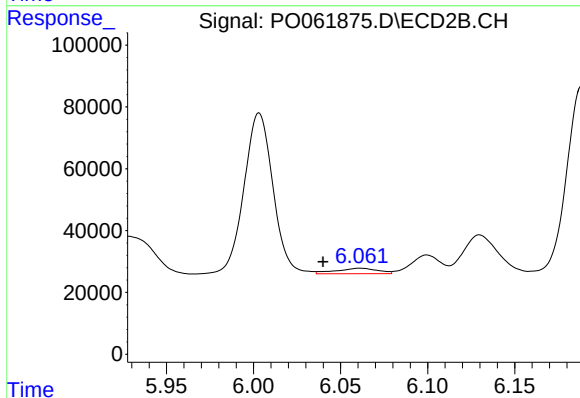
R.T.: 6.547 min
Delta R.T.: 0.017 min
Response: 507470
Conc: 179.42 ng/ml



#31 AR-1260-1

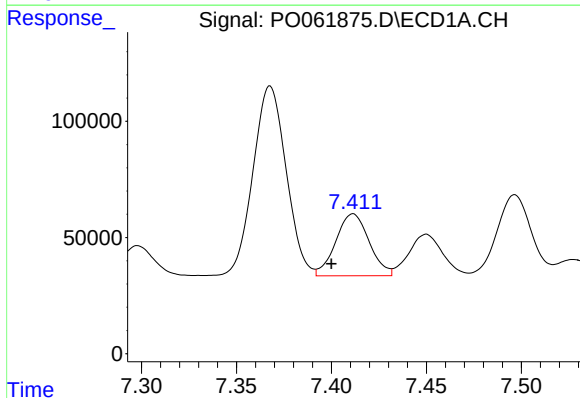
R.T.: 7.179 min
Delta R.T.: 0.029 min
Response: 4895
Conc: 1.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7MSD



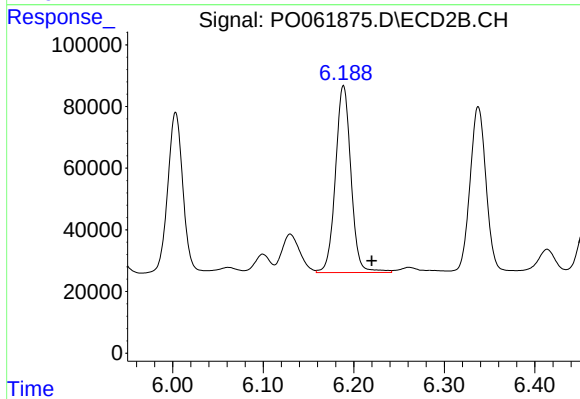
#31 AR-1260-1

R.T.: 6.061 min
Delta R.T.: 0.021 min
Response: 29841
Conc: 14.63 ng/ml



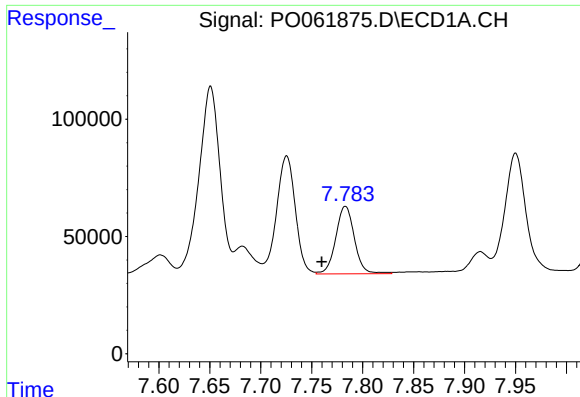
#32 AR-1260-2

R.T.: 7.411 min
Delta R.T.: 0.011 min
Response: 326669
Conc: 102.47 ng/ml



#32 AR-1260-2

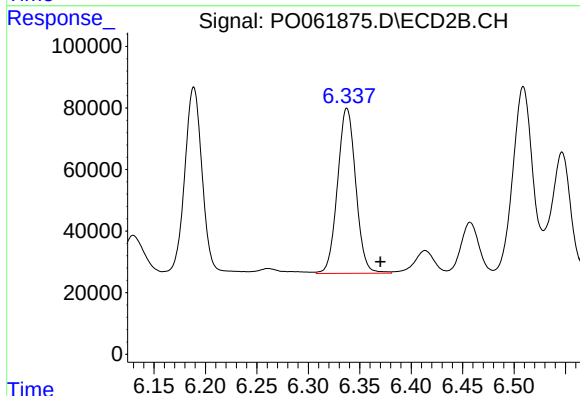
R.T.: 6.189 min
Delta R.T.: -0.031 min
Response: 721826
Conc: 300.54 ng/ml



#33 AR-1260-3

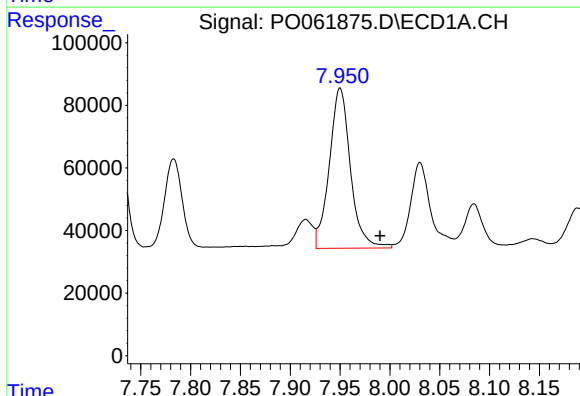
R.T.: 7.783 min
Delta R.T.: 0.023 min
Response: 366710
Conc: 152.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7MSD



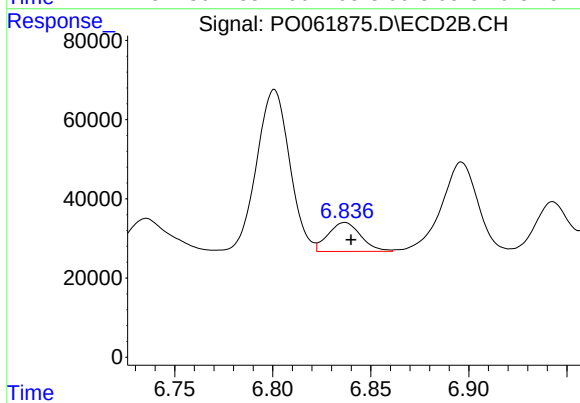
#33 AR-1260-3

R.T.: 6.338 min
Delta R.T.: -0.032 min
Response: 662075
Conc: 293.85 ng/ml



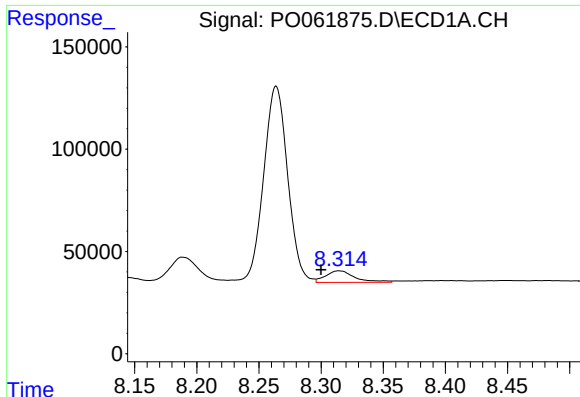
#34 AR-1260-4

R.T.: 7.950 min
Delta R.T.: -0.040 min
Response: 756209
Conc: 283.01 ng/ml



#34 AR-1260-4

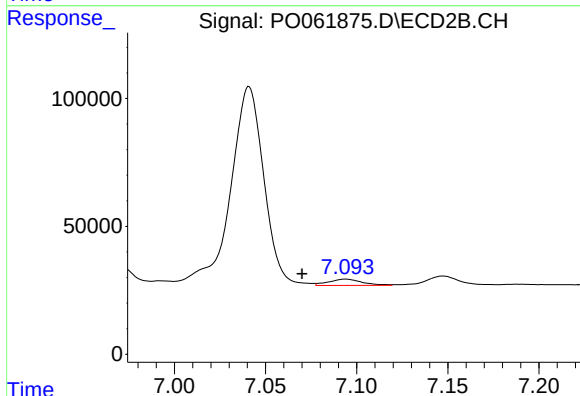
R.T.: 6.837 min
Delta R.T.: -0.003 min
Response: 84938
Conc: 46.01 ng/ml



#35 AR-1260-5

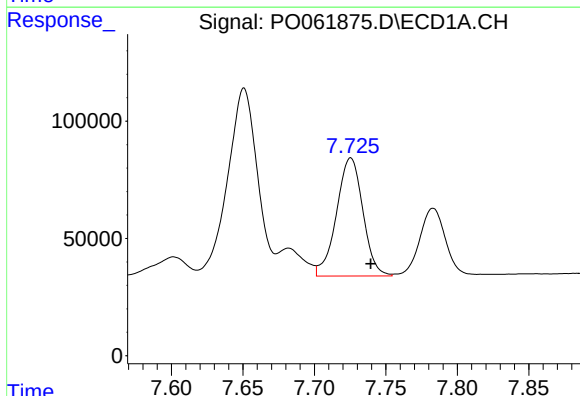
R.T.: 8.314 min
Delta R.T.: 0.014 min
Response: 92946
Conc: 18.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7MSD



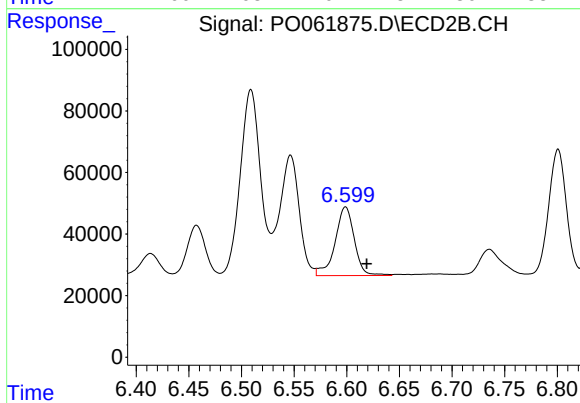
#35 AR-1260-5

R.T.: 7.094 min
Delta R.T.: 0.024 min
Response: 31156
Conc: 8.00 ng/ml



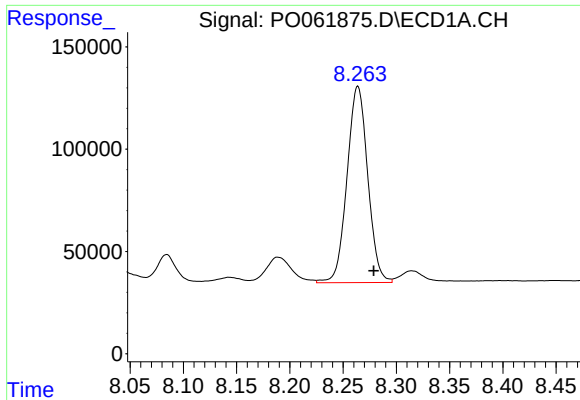
#36 AR-1262-1

R.T.: 7.725 min
Delta R.T.: -0.014 min
Response: 647016
Conc: 168.87 ng/ml



#36 AR-1262-1

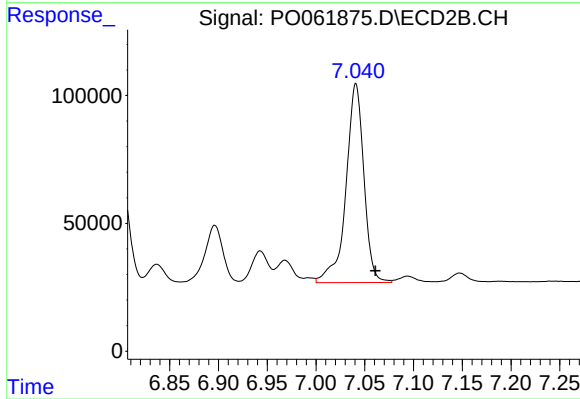
R.T.: 6.599 min
Delta R.T.: -0.020 min
Response: 284480
Conc: 233.06 ng/ml



#37 AR-1262-2

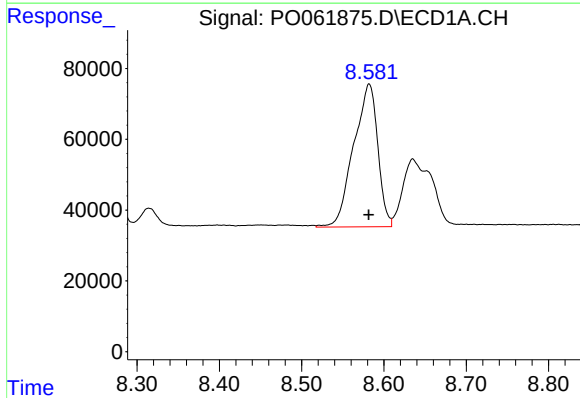
R.T.: 8.264 min
Delta R.T.: -0.015 min
Response: 1300449
Conc: 209.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7MSD



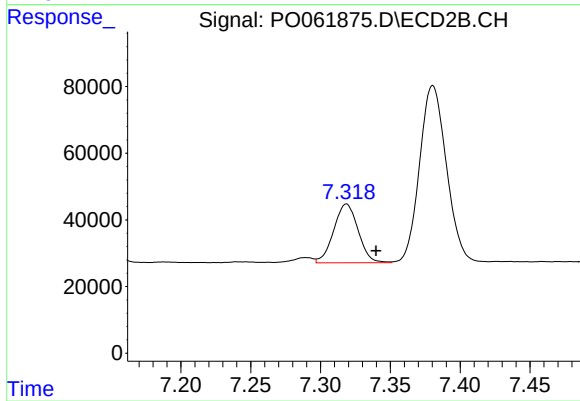
#37 AR-1262-2

R.T.: 7.041 min
Delta R.T.: -0.020 min
Response: 996419
Conc: 216.71 ng/ml



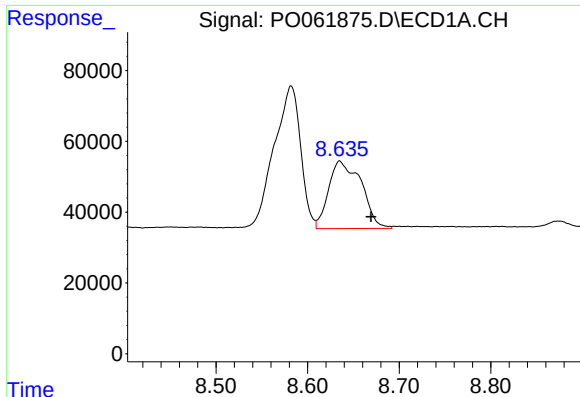
#38 AR-1262-3

R.T.: 8.582 min
Delta R.T.: 0.000 min
Response: 822610
Conc: 197.92 ng/ml



#38 AR-1262-3

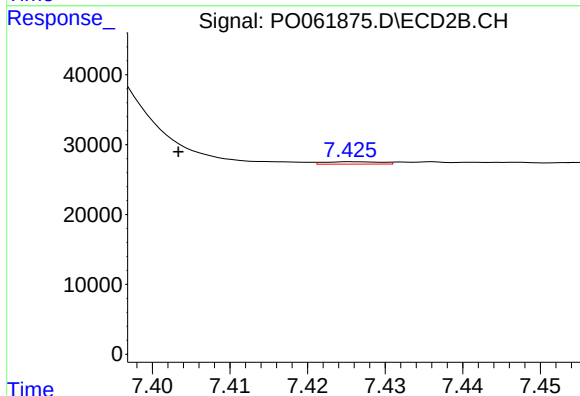
R.T.: 7.319 min
Delta R.T.: -0.021 min
Response: 215567
Conc: 114.43 ng/ml



#39 AR-1262-4

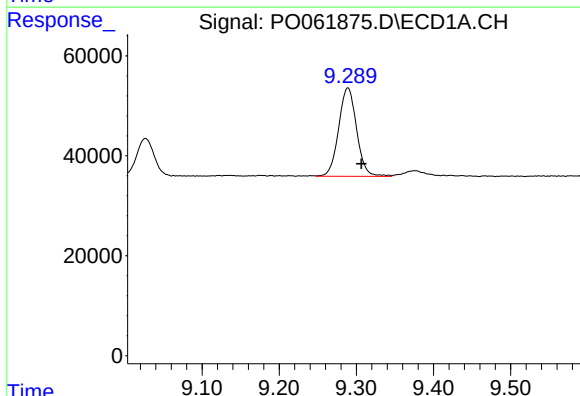
R.T.: 8.635 min
Delta R.T.: -0.034 min
Response: 474013
Conc: 150.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7MSD



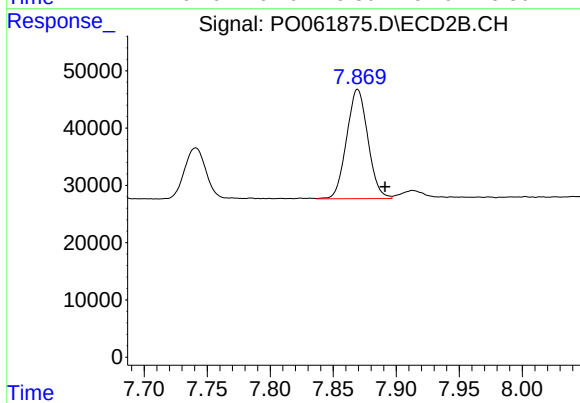
#39 AR-1262-4

R.T.: 7.426 min
Delta R.T.: 0.023 min
Response: 1750
Conc: 0.52 ng/ml



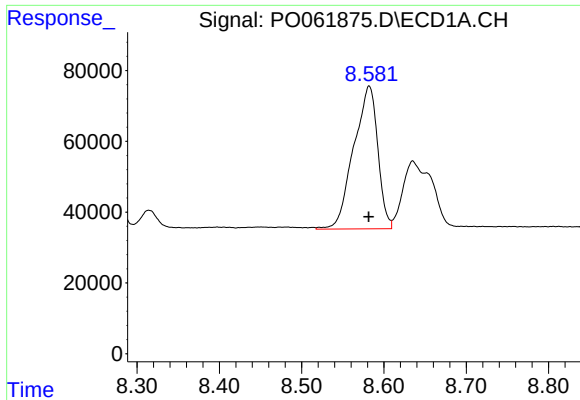
#40 AR-1262-5

R.T.: 9.289 min
Delta R.T.: -0.018 min
Response: 286925
Conc: 141.09 ng/ml



#40 AR-1262-5

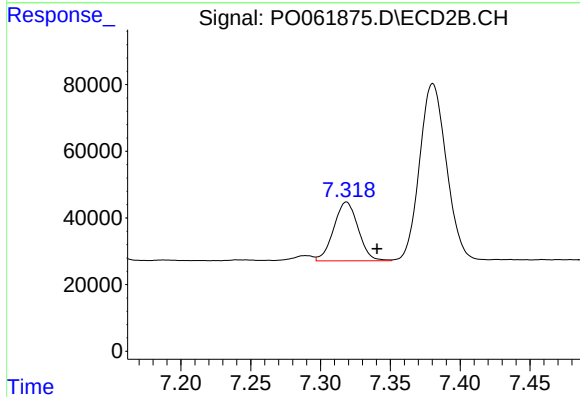
R.T.: 7.869 min
Delta R.T.: -0.022 min
Response: 224558
Conc: 148.13 ng/ml



#41 AR-1268-1

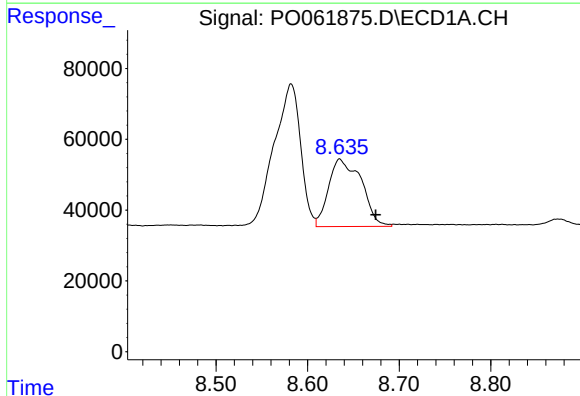
R.T.: 8.582 min
Delta R.T.: 0.000 min
Response: 822610
Conc: 122.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7MSD



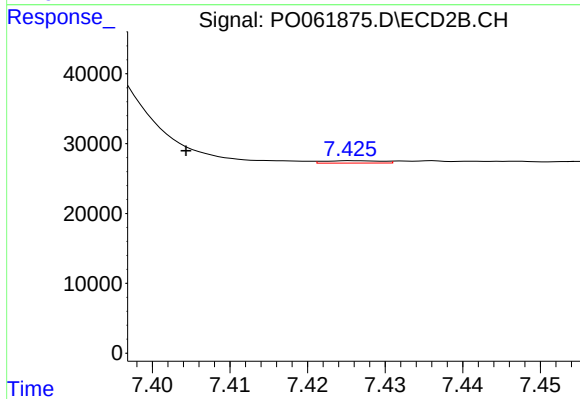
#41 AR-1268-1

R.T.: 7.319 min
Delta R.T.: -0.022 min
Response: 215567
Conc: 44.64 ng/ml



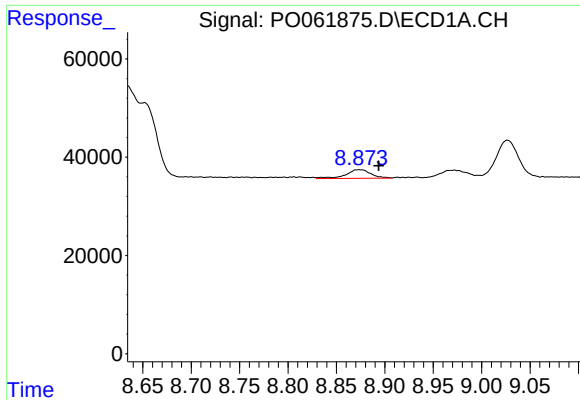
#42 AR-1268-2

R.T.: 8.635 min
Delta R.T.: -0.039 min
Response: 474013
Conc: 76.55 ng/ml



#42 AR-1268-2

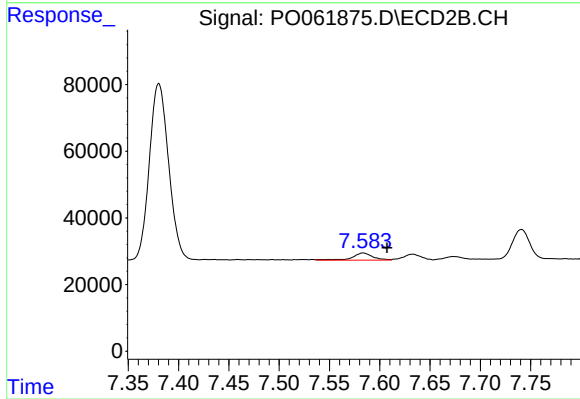
R.T.: 7.426 min
Delta R.T.: 0.022 min
Response: 1750
Conc: 0.41 ng/ml



#43 AR-1268-3

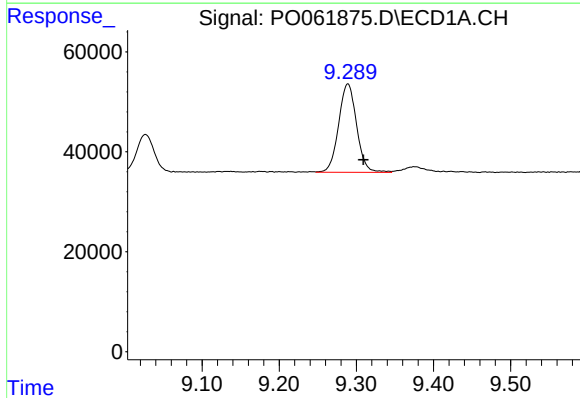
R.T.: 8.874 min
Delta R.T.: -0.020 min
Response: 31940
Conc: 6.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7MSD



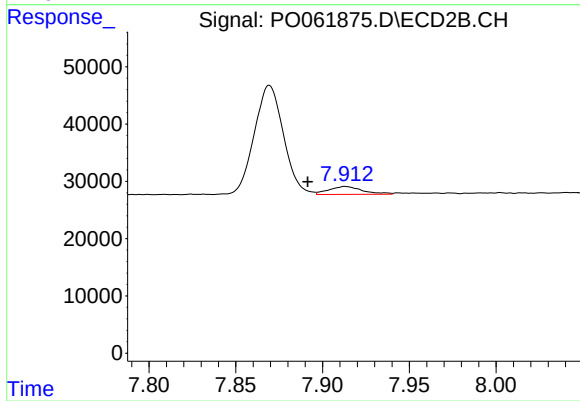
#43 AR-1268-3

R.T.: 7.584 min
Delta R.T.: -0.024 min
Response: 30093
Conc: 8.40 ng/ml



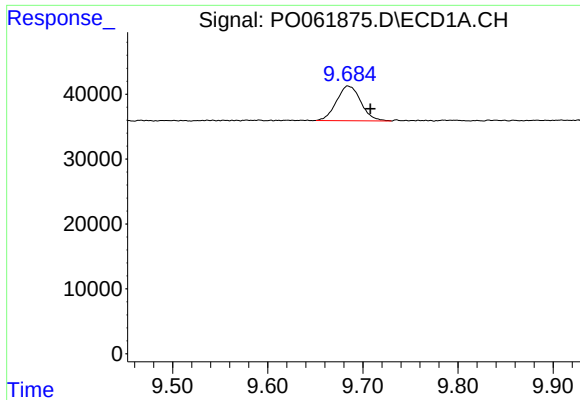
#44 AR-1268-4

R.T.: 9.289 min
Delta R.T.: -0.020 min
Response: 286925
Conc: 131.22 ng/ml



#44 AR-1268-4

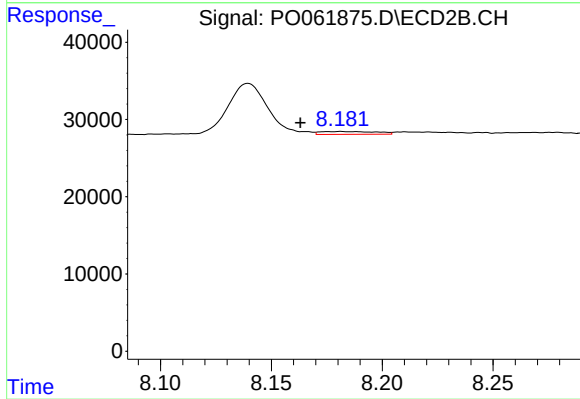
R.T.: 7.913 min
Delta R.T.: 0.022 min
Response: 18372
Conc: 11.42 ng/ml



#45 AR-1268-5

R.T.: 9.684 min
Delta R.T.: -0.024 min
Response: 94832
Conc: 6.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7MSD



#45 AR-1268-5

R.T.: 8.181 min
Delta R.T.: 0.018 min
Response: 6601
Conc: 0.66 ng/ml