

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090718\
 Data File : P0048863.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 07 Sep 2018 22:45
 Operator : SM/SJ
 Sample : J4825-17MSD
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 08 01:14:56 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090418.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 06 03:44:31 2018
 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...	4.435	3.530	1725912	2456561	14.304	15.716
2)	SA Decachlor...	10.167	8.467	1562450	1738058	11.198	11.755
Target Compounds							
3)	L1 AR-1016-1	5.145	4.193	364717	754692	112.325	174.146 #
4)	L1 AR-1016-2	5.340	4.599	826749	1088364	240.388	169.022 #
5)	L1 AR-1016-3	5.630	4.618	1075382	1452542	212.981	172.026
6)	L1 AR-1016-4	5.693	4.672	626747	1015819	136.171	172.917 #
7)	L1 AR-1016-5	6.085	5.043	896670	995996	231.033	192.656
8)	L2 AR-1221-1	0.000	3.739	0	104217	N.D.	48.682 #
9)	L2 AR-1221-2	4.809	3.824	354709	135698	296.605	83.716 #
10)	L2 AR-1221-3	4.809	3.900	354709	500210	94.019	101.573
11)	L3 AR-1232-1	5.630	4.381	1075382	1437474	387.652	745.591 #
12)	L3 AR-1232-2	5.792	4.495	196666	695850	132.467	1047.369 #
13)	L3 AR-1232-3	5.964	4.874	261218	858698	607.765	493.076
14)	L3 AR-1232-4	6.294	5.190	618195	875708	1560.490	473.560 #
15)	L3 AR-1232-5	7.172	5.762	854288	1072979	3634.372	4282.499
16)	L4 AR-1242-1	5.176	4.213	191091	563891	128.223	287.313 #
17)	L4 AR-1242-2	5.926	4.791	495133	872273	172.369	215.612 #
18)	L4 AR-1242-3	6.126	4.904	350741	295335	245.076	206.273
19)	L4 AR-1242-4	6.170	5.260	327921	372790	297.130	308.006
20)	L4 AR-1242-5	6.227	5.652	847720	1063604	223.009	343.982 #
21)	L5 AR-1248-1	5.881	4.833	498147	880875	99.752	165.892 #
22)	L5 AR-1248-2	6.489	5.391	849971	2062725	162.411	214.797 #
23)	L5 AR-1248-3	6.528	5.431	986061	579610	144.859	85.166 #
24)	L5 AR-1248-4	6.528	5.589	986061	1806306	149.767	297.324 #
25)	L5 AR-1248-5	6.729	5.936	1417962	3298603	311.851	708.739 #
26)	L6 AR-1254-1	6.679	5.536	3304892	1961064	291.707	193.262 #
27)	L6 AR-1254-2	7.007	5.848	979797	1955233	133.404	221.647 #
28)	L6 AR-1254-3	7.050	6.162	2990191	2286093	234.797	207.406
29)	L6 AR-1254-4	7.332	6.475	2229532	1633554	229.964	201.117
30)	L6 AR-1254-5	7.603	6.577	1998324	4029060	258.556	265.840
31)	L7 AR-1260-1	7.209	6.065	2219512	2997710	269.396	287.958
32)	L7 AR-1260-2	7.463	6.251	4110502	3186021	418.306	254.421 #
33)	L7 AR-1260-3	7.749	6.403	3113474	2422008	260.933	204.142
34)	L7 AR-1260-4	8.047	6.872	1491876	1152899	173.818	121.857 #
35)	L7 AR-1260-5	8.369	7.112	1768673	2875765	106.535	132.433
36)	L8 AR-1262-1	7.124	5.952	467648	1617184	95.777	293.791 #
37)	L8 AR-1262-2	7.881	6.668	510910	661103	117.586	122.082
38)	L8 AR-1262-3	8.130	6.969	461463	679594	94.987	113.926
39)	L8 AR-1262-4	8.749	7.394	646507	529968	122.819	59.703 #
40)	L8 AR-1262-5	9.422	7.948	669273	572647	99.659	75.709
41)	L9 AR-1268-1	7.824	6.614	998392	1354593	233.755	248.217

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 ALS Vial : 40 Sample Multiplier: 1

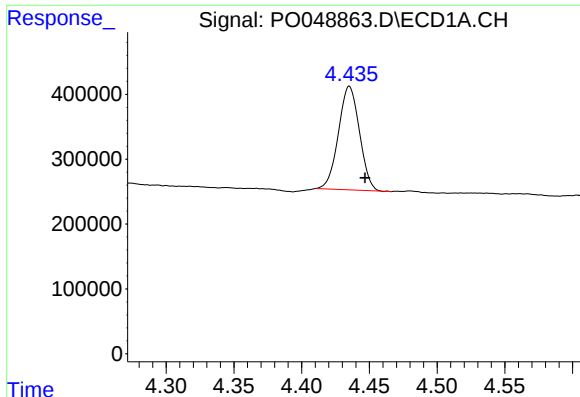
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.047	7.456	1491876	1834539	273.481	77.163 #
43) L9	AR-1268-3	8.696	7.664	1292022	97964	58.443	5.005 #
44) L9	AR-1268-4	0.000	7.821	0	280979	N.D.	50.024 #
45) L9	AR-1268-5	9.830	8.225	325038	276659	6.270	5.074

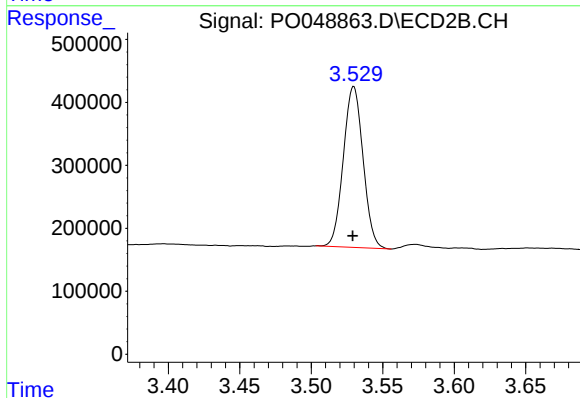
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

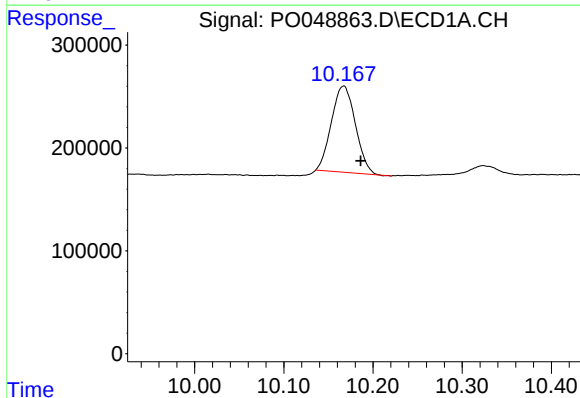
R.T.: 4.435 min
Delta R.T.: -0.012 min
Response: 1725912
Conc: 14.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



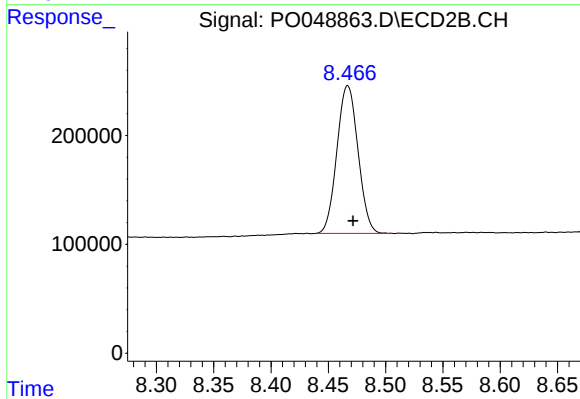
#1 Tetrachloro-m-xylene

R.T.: 3.530 min
Delta R.T.: 0.000 min
Response: 2456561
Conc: 15.72 ng/ml



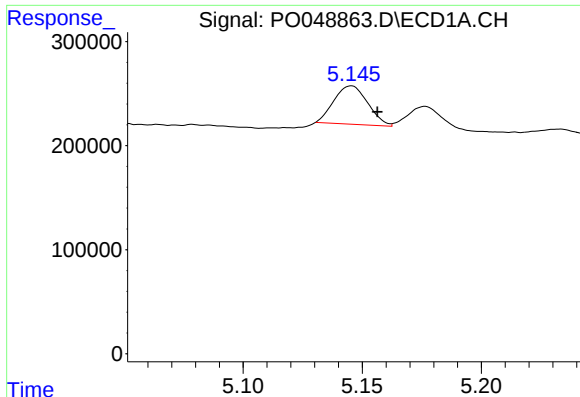
#2 Decachlorobiphenyl

R.T.: 10.167 min
Delta R.T.: -0.019 min
Response: 1562450
Conc: 11.20 ng/ml



#2 Decachlorobiphenyl

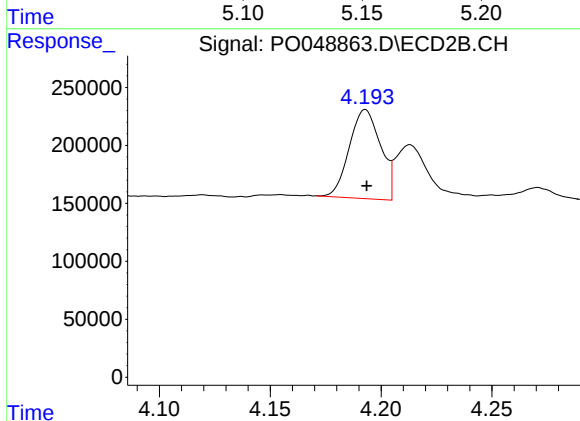
R.T.: 8.467 min
Delta R.T.: -0.005 min
Response: 1738058
Conc: 11.76 ng/ml



#3 AR-1016-1

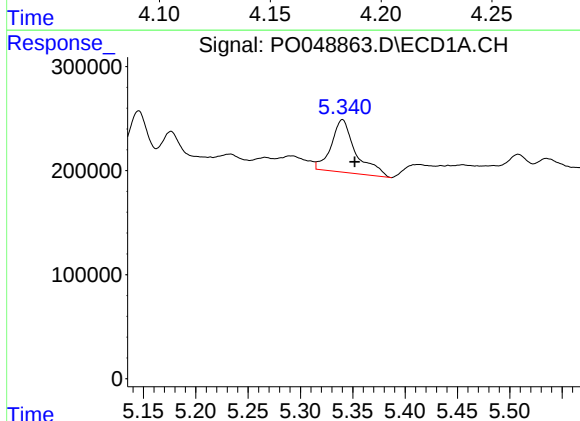
R.T.: 5.145 min
Delta R.T.: -0.011 min
Response: 364717
Conc: 112.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



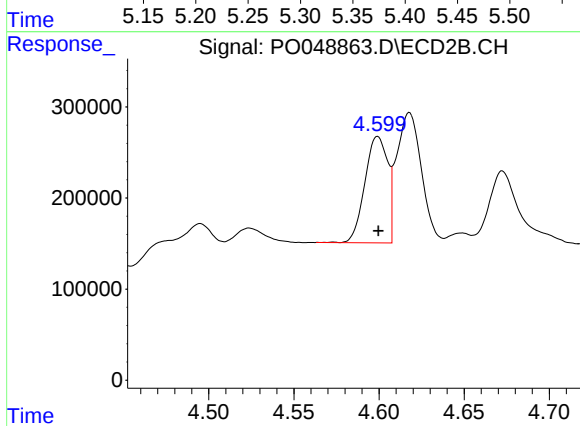
#3 AR-1016-1

R.T.: 4.193 min
Delta R.T.: 0.000 min
Response: 754692
Conc: 174.15 ng/ml



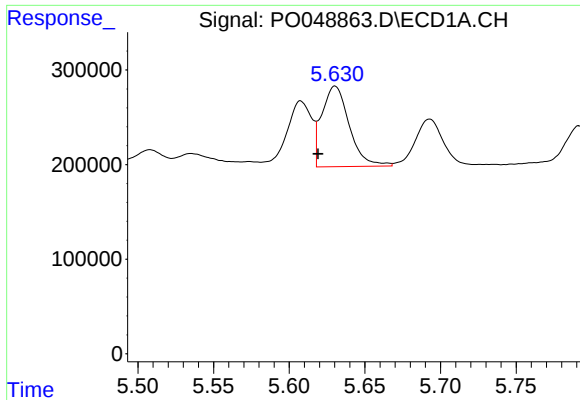
#4 AR-1016-2

R.T.: 5.340 min
Delta R.T.: -0.012 min
Response: 826749
Conc: 240.39 ng/ml



#4 AR-1016-2

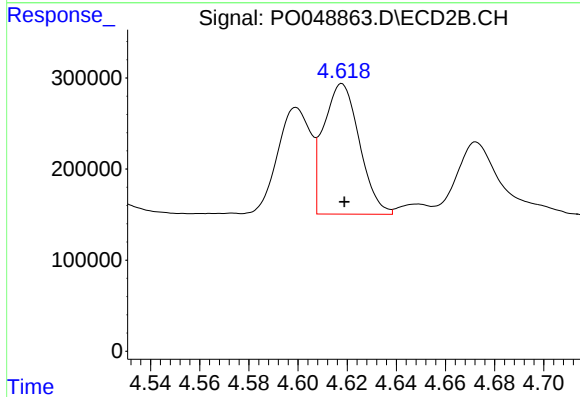
R.T.: 4.599 min
Delta R.T.: 0.000 min
Response: 1088364
Conc: 169.02 ng/ml



#5 AR-1016-3

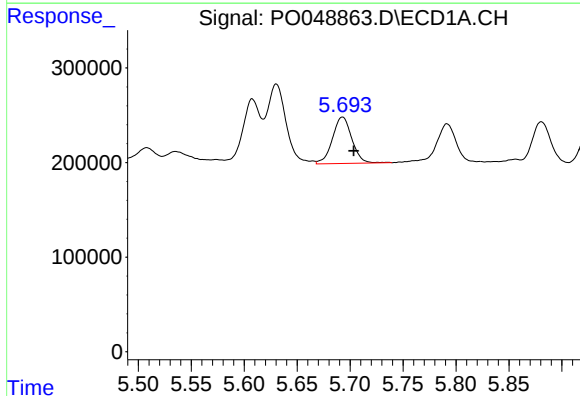
R.T.: 5.630 min
Delta R.T.: 0.011 min
Response: 1075382
Conc: 212.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



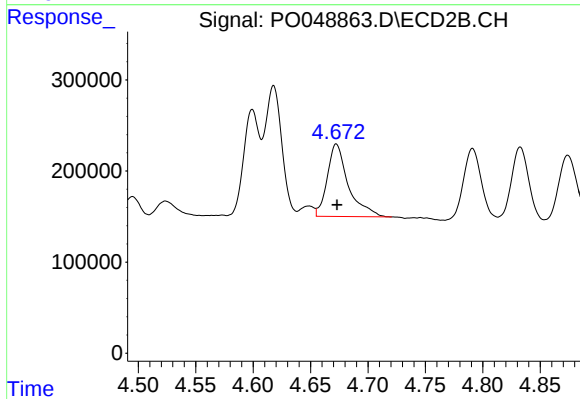
#5 AR-1016-3

R.T.: 4.618 min
Delta R.T.: 0.000 min
Response: 1452542
Conc: 172.03 ng/ml



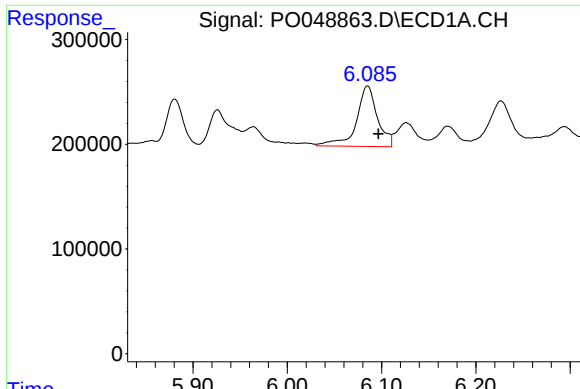
#6 AR-1016-4

R.T.: 5.693 min
Delta R.T.: -0.011 min
Response: 626747
Conc: 136.17 ng/ml



#6 AR-1016-4

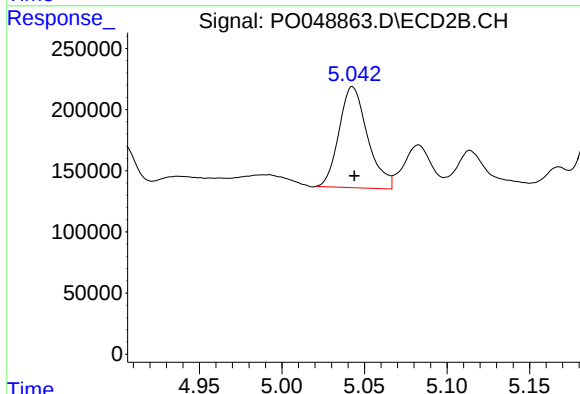
R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 1015819
Conc: 172.92 ng/ml



#7 AR-1016-5

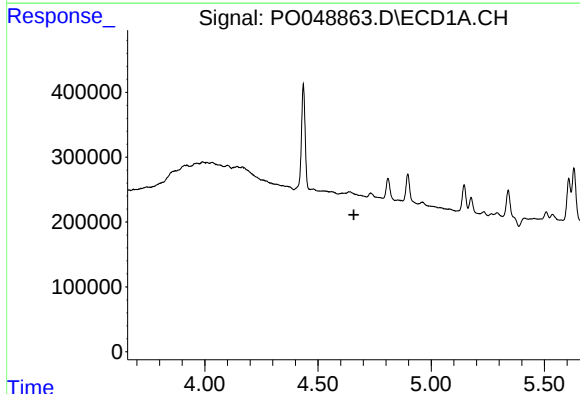
R.T.: 6.085 min
Delta R.T.: -0.011 min
Response: 896670
Conc: 231.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



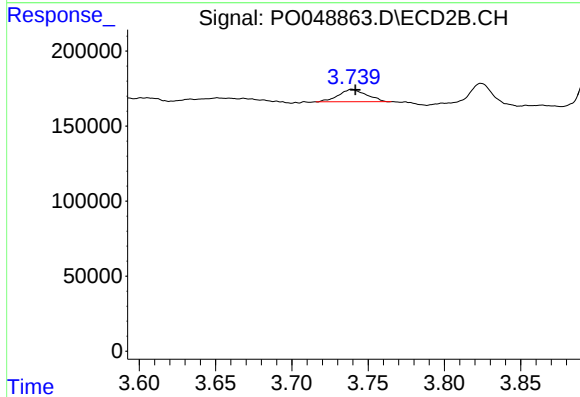
#7 AR-1016-5

R.T.: 5.043 min
Delta R.T.: -0.001 min
Response: 995996
Conc: 192.66 ng/ml



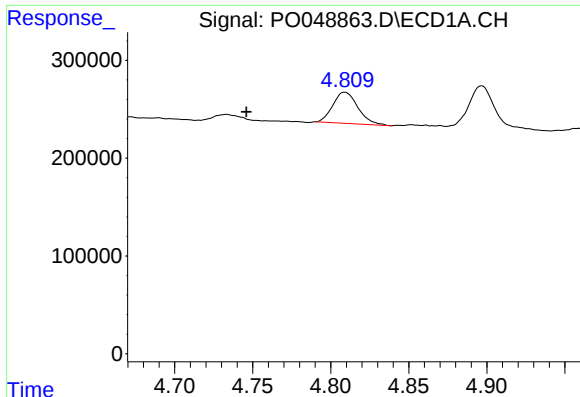
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.659 min
Response: 0
Conc: N.D.



#8 AR-1221-1

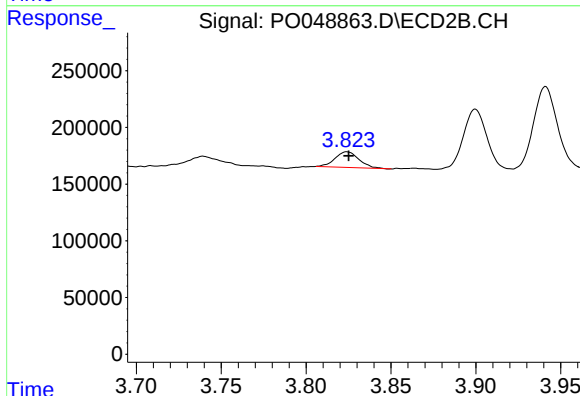
R.T.: 3.739 min
Delta R.T.: -0.002 min
Response: 104217
Conc: 48.68 ng/ml



#9 AR-1221-2

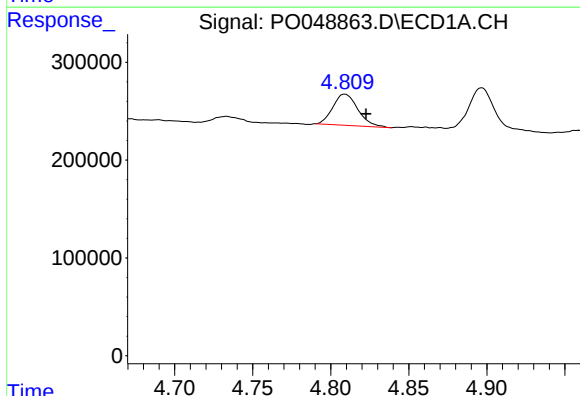
R.T.: 4.809 min
Delta R.T.: 0.063 min
Response: 354709
Conc: 296.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



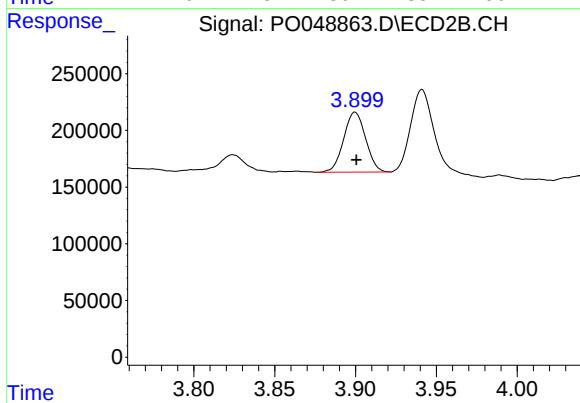
#9 AR-1221-2

R.T.: 3.824 min
Delta R.T.: 0.000 min
Response: 135698
Conc: 83.72 ng/ml



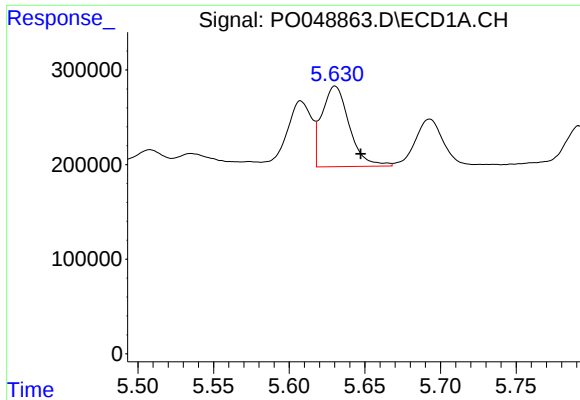
#10 AR-1221-3

R.T.: 4.809 min
Delta R.T.: -0.014 min
Response: 354709
Conc: 94.02 ng/ml



#10 AR-1221-3

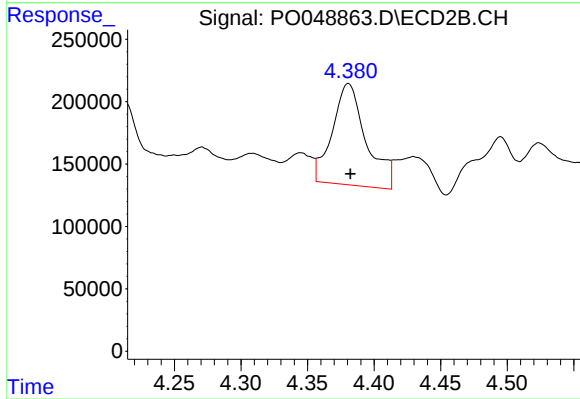
R.T.: 3.900 min
Delta R.T.: 0.000 min
Response: 500210
Conc: 101.57 ng/ml



#11 AR-1232-1

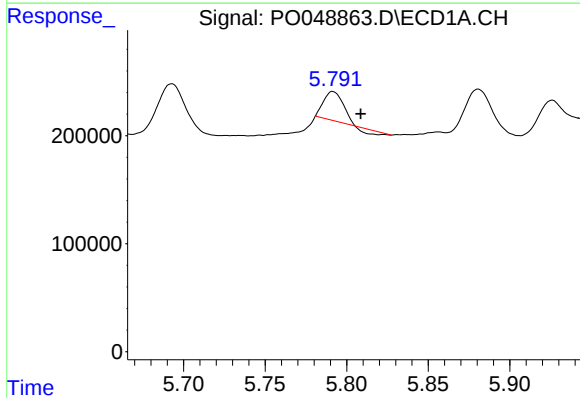
R.T.: 5.630 min
Delta R.T.: -0.017 min
Response: 1075382
Conc: 387.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



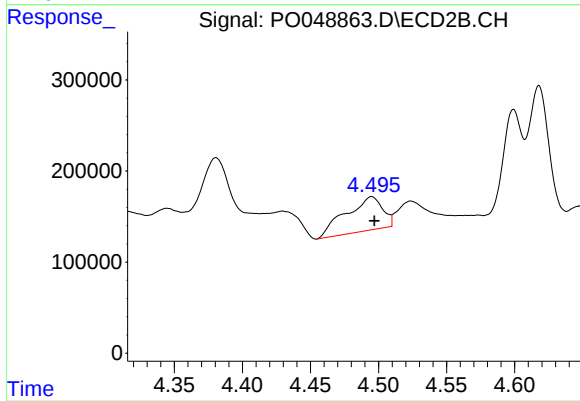
#11 AR-1232-1

R.T.: 4.381 min
Delta R.T.: -0.002 min
Response: 1437474
Conc: 745.59 ng/ml



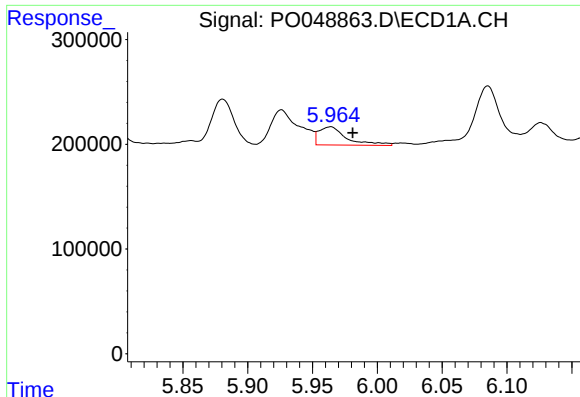
#12 AR-1232-2

R.T.: 5.792 min
Delta R.T.: -0.017 min
Response: 196666
Conc: 132.47 ng/ml



#12 AR-1232-2

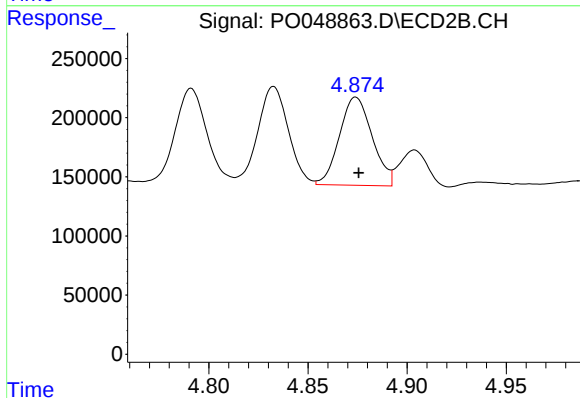
R.T.: 4.495 min
Delta R.T.: -0.002 min
Response: 695850
Conc: 1047.37 ng/ml



#13 AR-1232-3

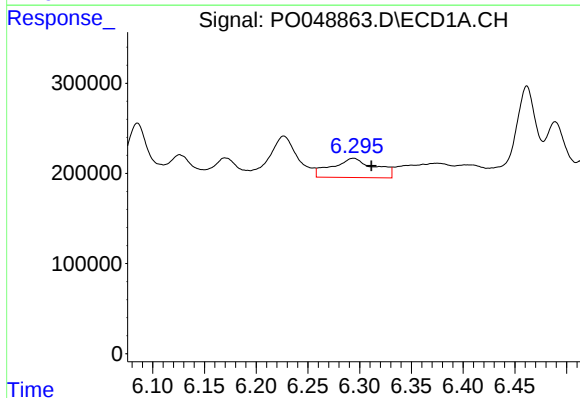
R.T.: 5.964 min
Delta R.T.: -0.017 min
Response: 261218
Conc: 607.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



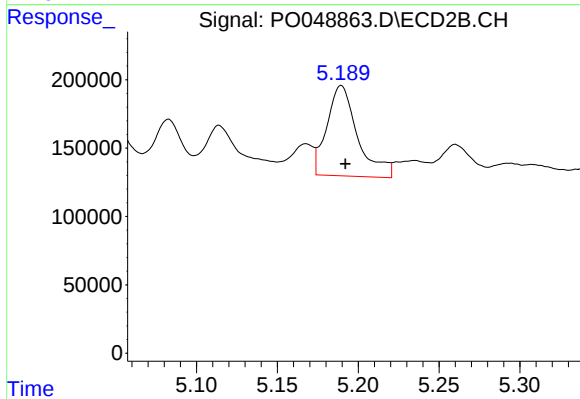
#13 AR-1232-3

R.T.: 4.874 min
Delta R.T.: -0.002 min
Response: 858698
Conc: 493.08 ng/ml



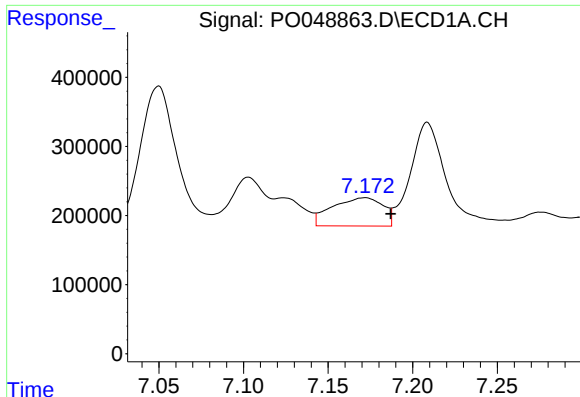
#14 AR-1232-4

R.T.: 6.294 min
Delta R.T.: -0.017 min
Response: 618195
Conc: 1560.49 ng/ml



#14 AR-1232-4

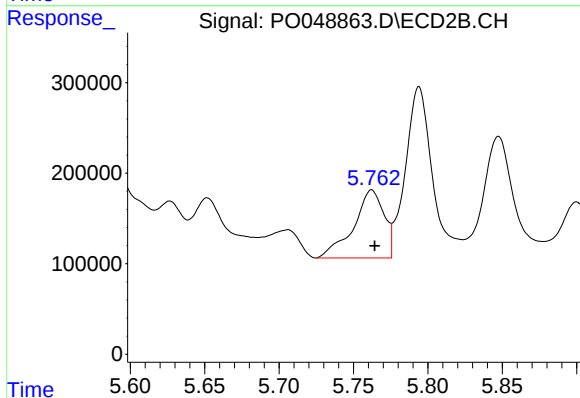
R.T.: 5.190 min
Delta R.T.: -0.003 min
Response: 875708
Conc: 473.56 ng/ml



#15 AR-1232-5

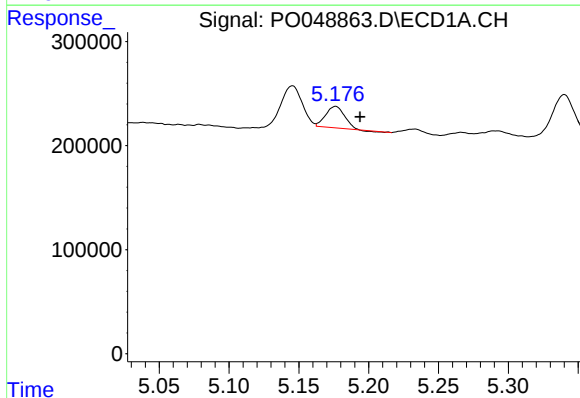
R.T.: 7.172 min
Delta R.T.: -0.015 min
Response: 854288
Conc: 3634.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



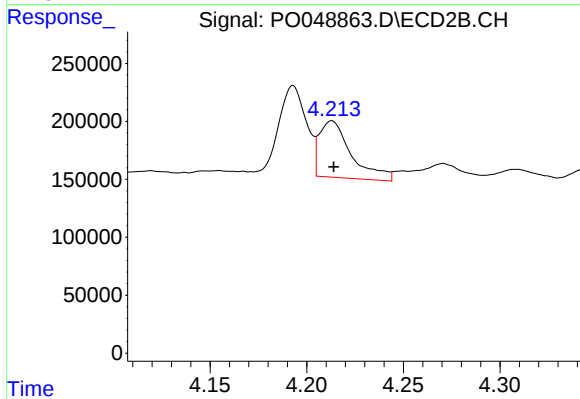
#15 AR-1232-5

R.T.: 5.762 min
Delta R.T.: -0.002 min
Response: 1072979
Conc: 4282.50 ng/ml



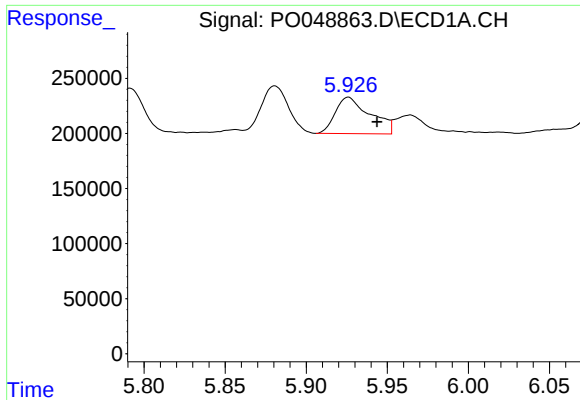
#16 AR-1242-1

R.T.: 5.176 min
Delta R.T.: -0.018 min
Response: 191091
Conc: 128.22 ng/ml



#16 AR-1242-1

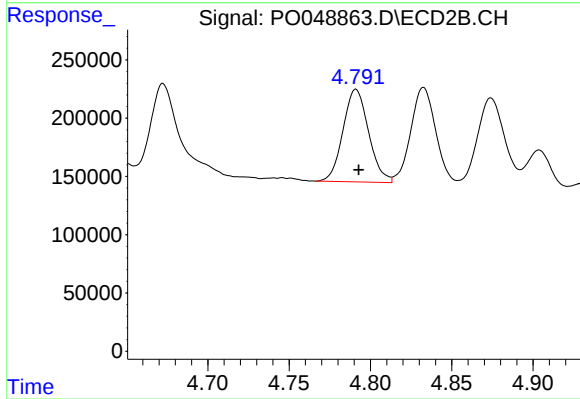
R.T.: 4.213 min
Delta R.T.: 0.000 min
Response: 563891
Conc: 287.31 ng/ml



#17 AR-1242-2

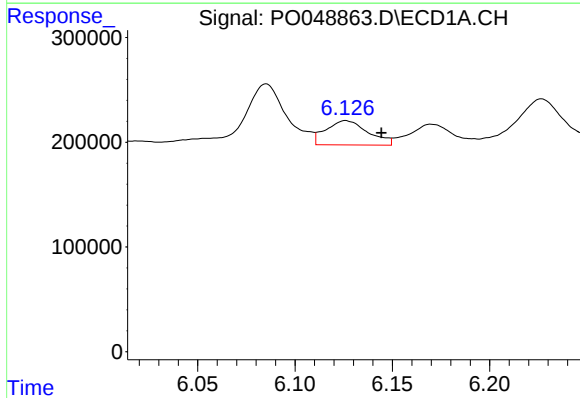
R.T.: 5.926 min
Delta R.T.: -0.018 min
Response: 495133
Conc: 172.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



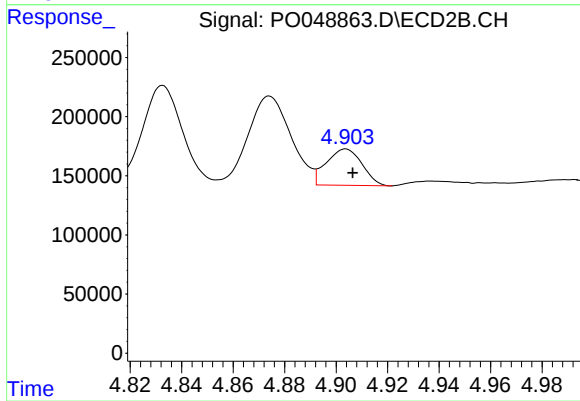
#17 AR-1242-2

R.T.: 4.791 min
Delta R.T.: -0.002 min
Response: 872273
Conc: 215.61 ng/ml



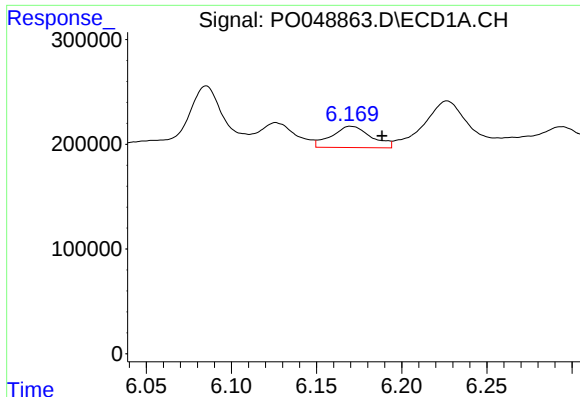
#18 AR-1242-3

R.T.: 6.126 min
Delta R.T.: -0.018 min
Response: 350741
Conc: 245.08 ng/ml



#18 AR-1242-3

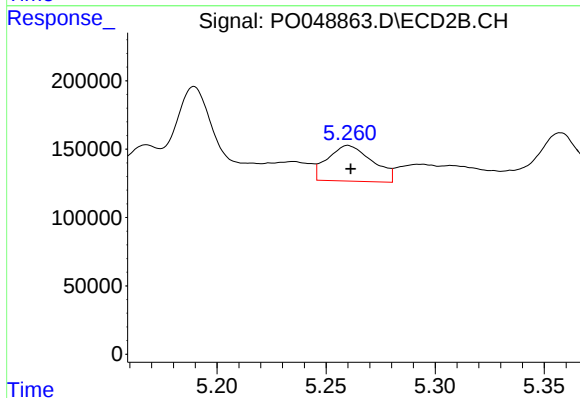
R.T.: 4.904 min
Delta R.T.: -0.003 min
Response: 295335
Conc: 206.27 ng/ml



#19 AR-1242-4

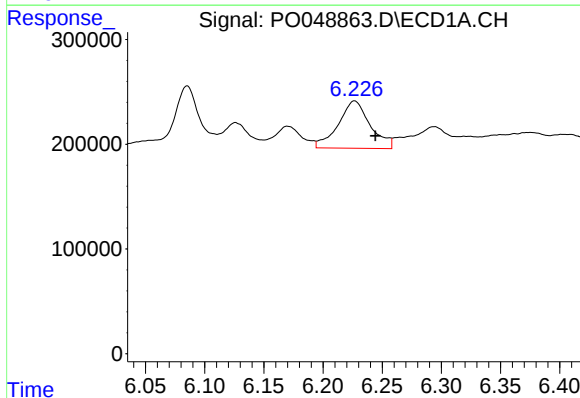
R.T.: 6.170 min
Delta R.T.: -0.018 min
Response: 327921
Conc: 297.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



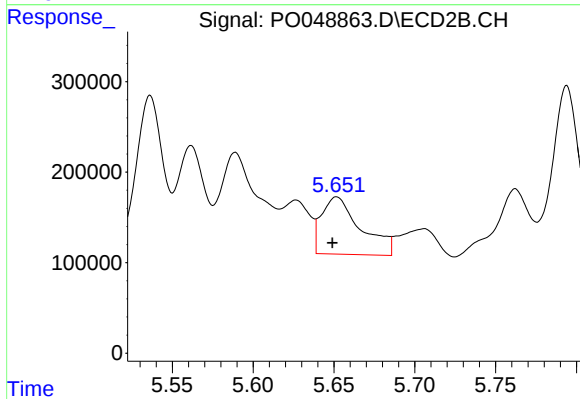
#19 AR-1242-4

R.T.: 5.260 min
Delta R.T.: -0.001 min
Response: 372790
Conc: 308.01 ng/ml



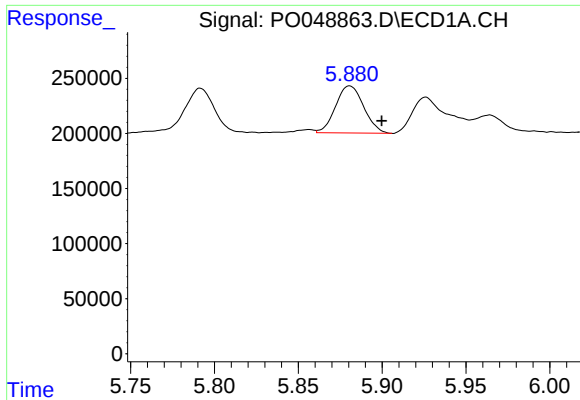
#20 AR-1242-5

R.T.: 6.227 min
Delta R.T.: -0.018 min
Response: 847720
Conc: 223.01 ng/ml



#20 AR-1242-5

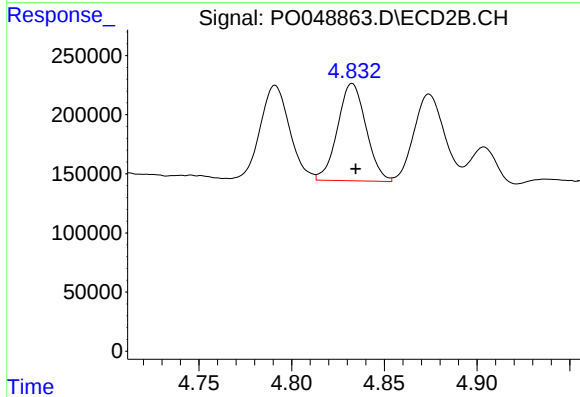
R.T.: 5.652 min
Delta R.T.: 0.003 min
Response: 1063604
Conc: 343.98 ng/ml



#21 AR-1248-1

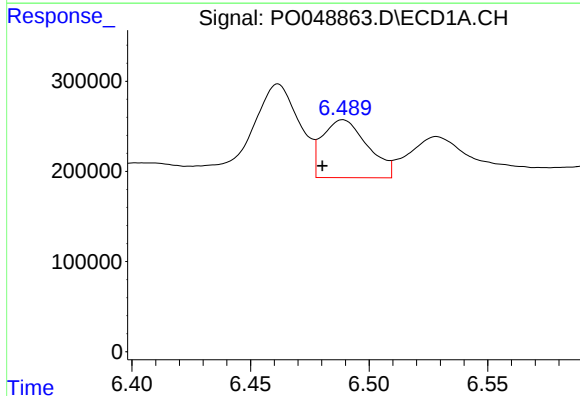
R.T.: 5.881 min
Delta R.T.: -0.019 min
Response: 498147
Conc: 99.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



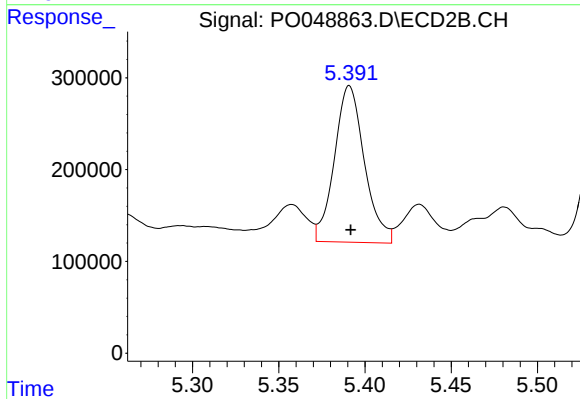
#21 AR-1248-1

R.T.: 4.833 min
Delta R.T.: -0.002 min
Response: 880875
Conc: 165.89 ng/ml



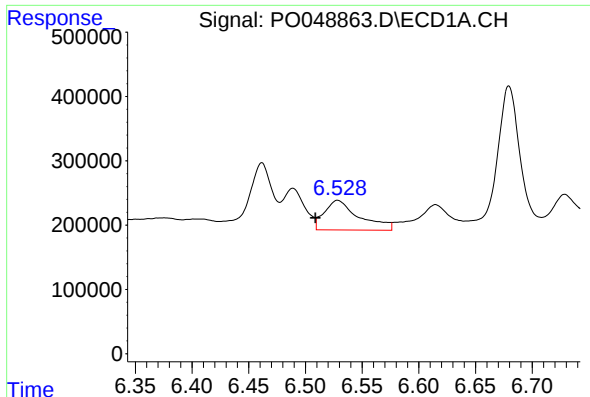
#22 AR-1248-2

R.T.: 6.489 min
Delta R.T.: 0.009 min
Response: 849971
Conc: 162.41 ng/ml



#22 AR-1248-2

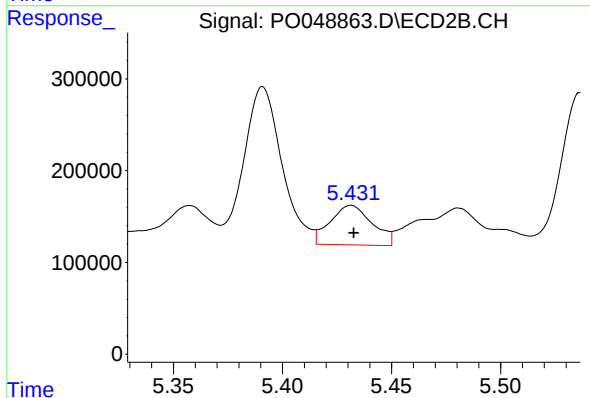
R.T.: 5.391 min
Delta R.T.: 0.000 min
Response: 2062725
Conc: 214.80 ng/ml



#23 AR-1248-3

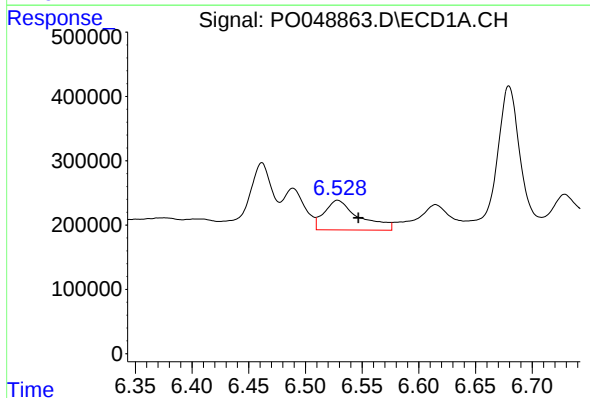
R.T.: 6.528 min
Delta R.T.: 0.020 min
Response: 986061
Conc: 144.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



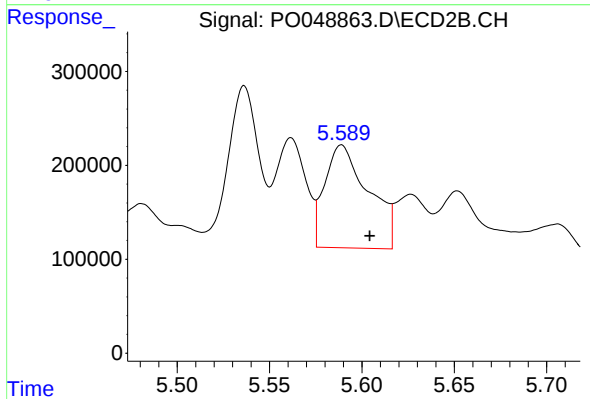
#23 AR-1248-3

R.T.: 5.431 min
Delta R.T.: -0.001 min
Response: 579610
Conc: 85.17 ng/ml



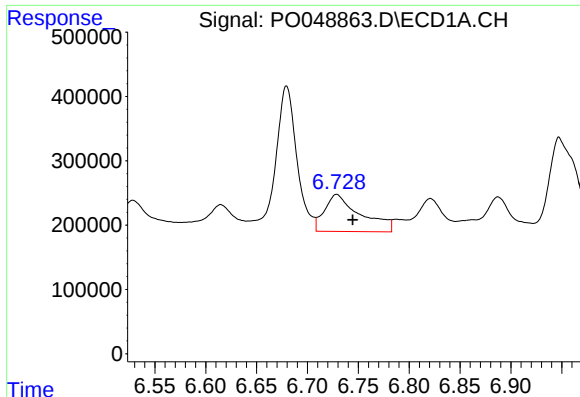
#24 AR-1248-4

R.T.: 6.528 min
Delta R.T.: -0.018 min
Response: 986061
Conc: 149.77 ng/ml



#24 AR-1248-4

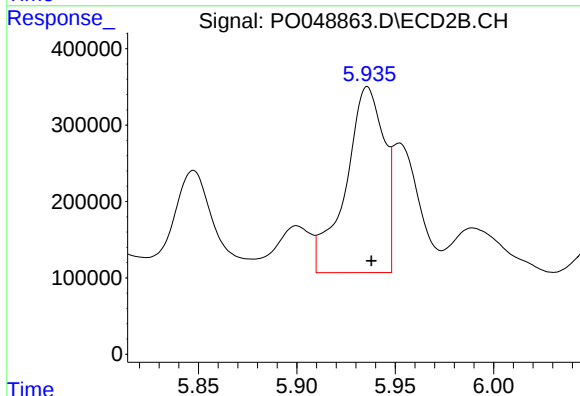
R.T.: 5.589 min
Delta R.T.: -0.015 min
Response: 1806306
Conc: 297.32 ng/ml



#25 AR-1248-5

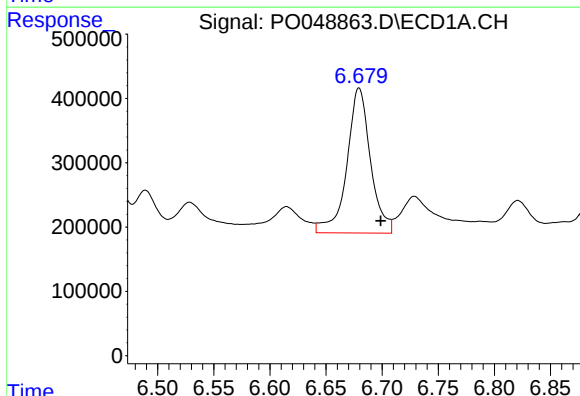
R.T.: 6.729 min
Delta R.T.: -0.016 min
Response: 1417962
Conc: 311.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



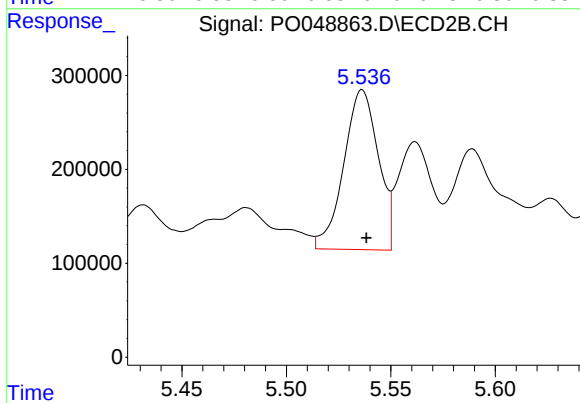
#25 AR-1248-5

R.T.: 5.936 min
Delta R.T.: -0.002 min
Response: 3298603
Conc: 708.74 ng/ml



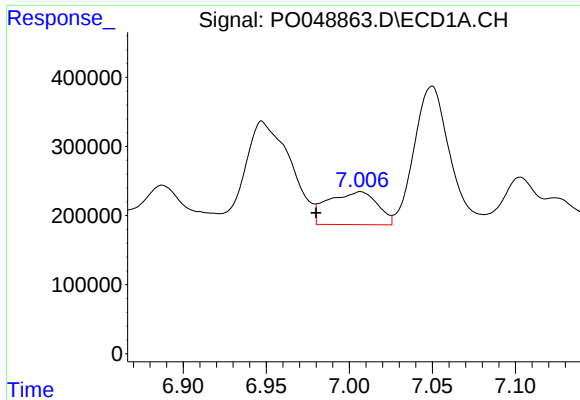
#26 AR-1254-1

R.T.: 6.679 min
Delta R.T.: -0.019 min
Response: 3304892
Conc: 291.71 ng/ml



#26 AR-1254-1

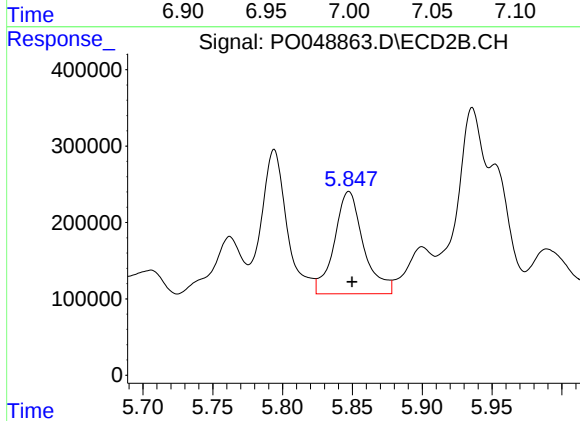
R.T.: 5.536 min
Delta R.T.: -0.002 min
Response: 1961064
Conc: 193.26 ng/ml



#27 AR-1254-2

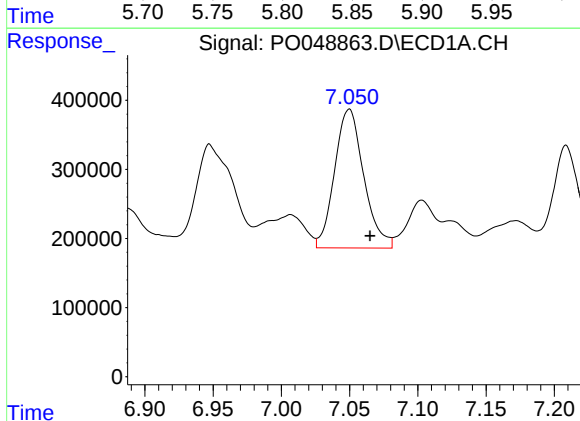
R.T.: 7.007 min
Delta R.T.: 0.027 min
Response: 979797
Conc: 133.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



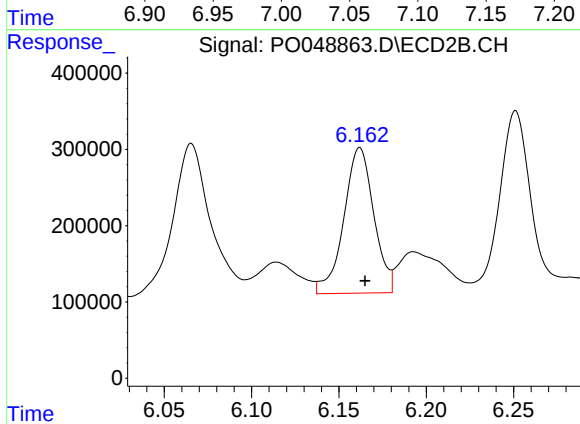
#27 AR-1254-2

R.T.: 5.848 min
Delta R.T.: -0.002 min
Response: 1955233
Conc: 221.65 ng/ml



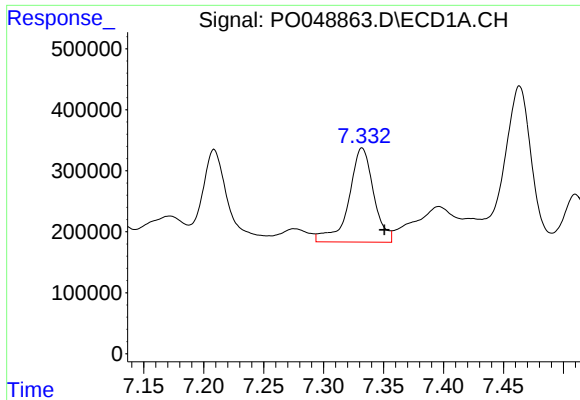
#28 AR-1254-3

R.T.: 7.050 min
Delta R.T.: -0.015 min
Response: 2990191
Conc: 234.80 ng/ml



#28 AR-1254-3

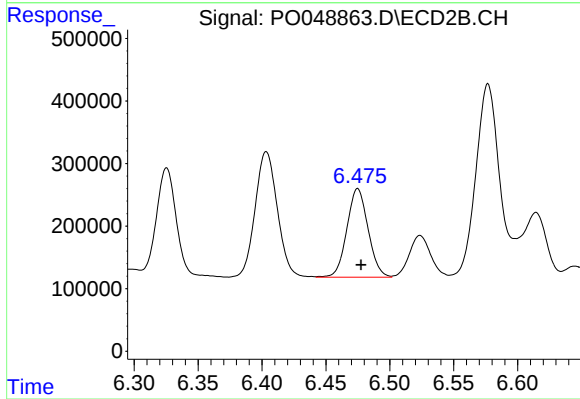
R.T.: 6.162 min
Delta R.T.: -0.003 min
Response: 2286093
Conc: 207.41 ng/ml



#29 AR-1254-4

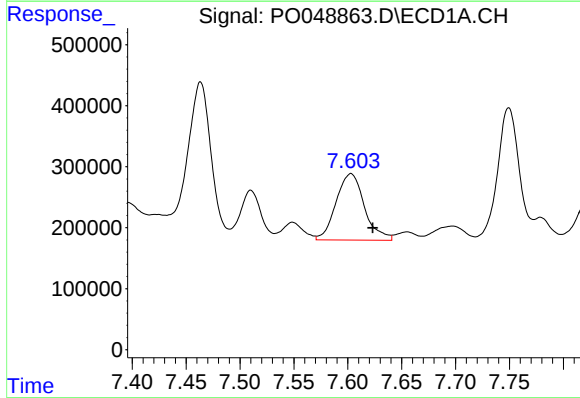
R.T.: 7.332 min
Delta R.T.: -0.019 min
Response: 2229532
Conc: 229.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



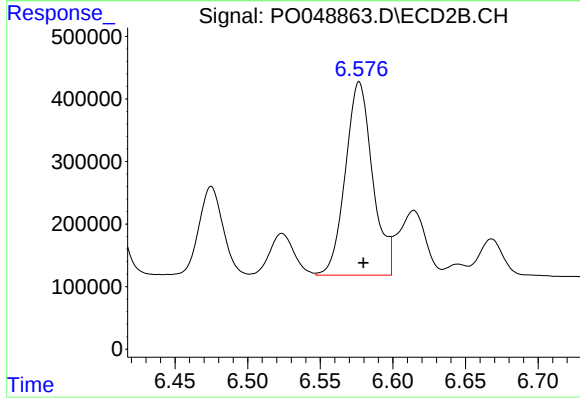
#29 AR-1254-4

R.T.: 6.475 min
Delta R.T.: -0.003 min
Response: 1633554
Conc: 201.12 ng/ml



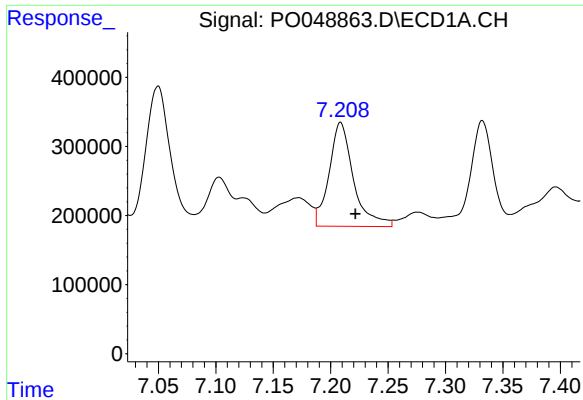
#30 AR-1254-5

R.T.: 7.603 min
Delta R.T.: -0.020 min
Response: 1998324
Conc: 258.56 ng/ml



#30 AR-1254-5

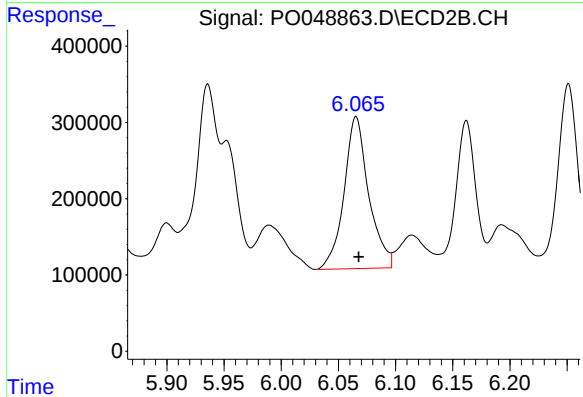
R.T.: 6.577 min
Delta R.T.: -0.003 min
Response: 4029060
Conc: 265.84 ng/ml



#31 AR-1260-1

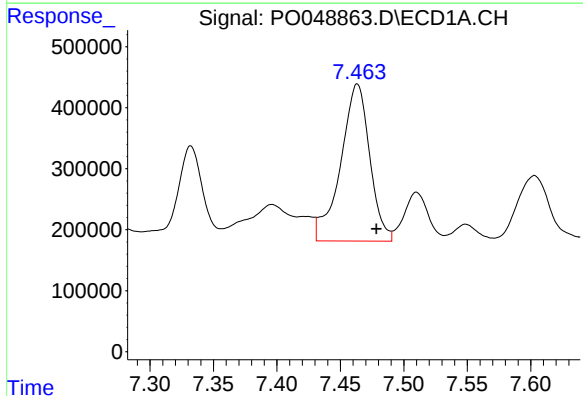
R.T.: 7.209 min
Delta R.T.: -0.013 min
Response: 2219512
Conc: 269.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



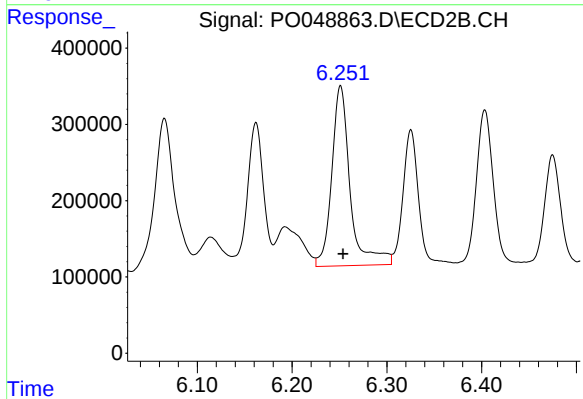
#31 AR-1260-1

R.T.: 6.065 min
Delta R.T.: -0.002 min
Response: 2997710
Conc: 287.96 ng/ml



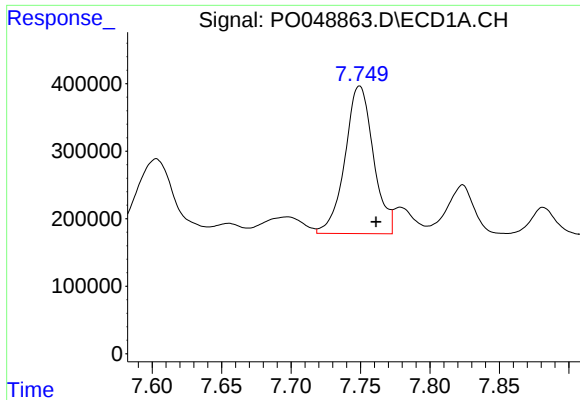
#32 AR-1260-2

R.T.: 7.463 min
Delta R.T.: -0.015 min
Response: 4110502
Conc: 418.31 ng/ml



#32 AR-1260-2

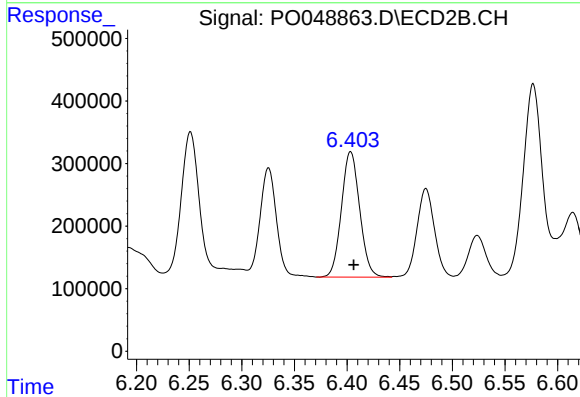
R.T.: 6.251 min
Delta R.T.: -0.003 min
Response: 3186021
Conc: 254.42 ng/ml



#33 AR-1260-3

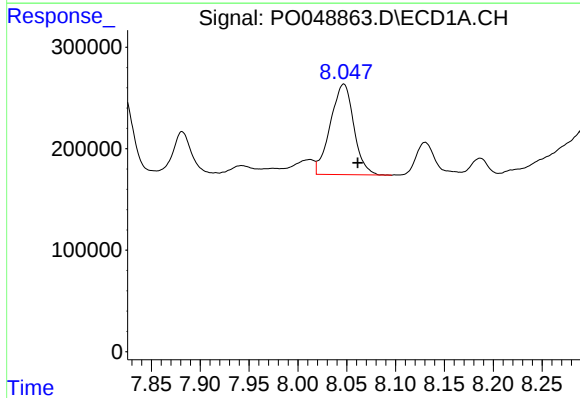
R.T.: 7.749 min
Delta R.T.: -0.012 min
Response: 3113474
Conc: 260.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



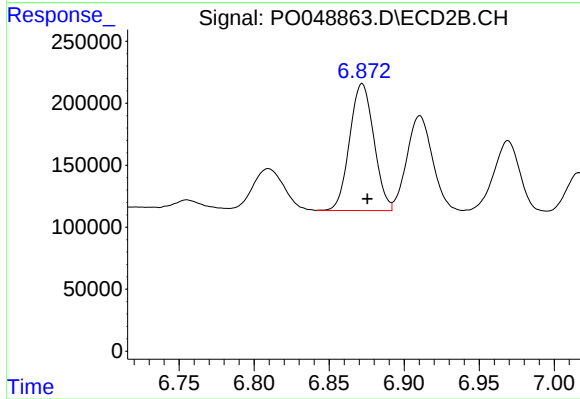
#33 AR-1260-3

R.T.: 6.403 min
Delta R.T.: -0.003 min
Response: 2422008
Conc: 204.14 ng/ml



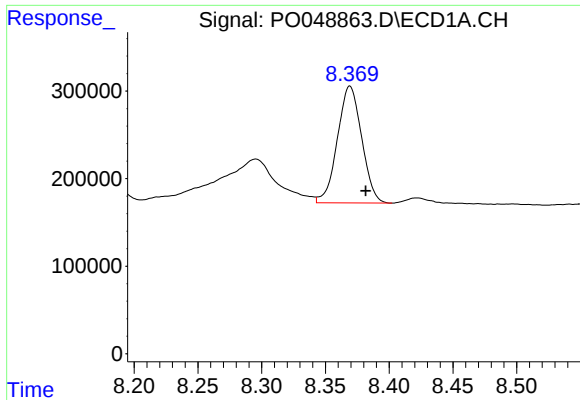
#34 AR-1260-4

R.T.: 8.047 min
Delta R.T.: -0.014 min
Response: 1491876
Conc: 173.82 ng/ml



#34 AR-1260-4

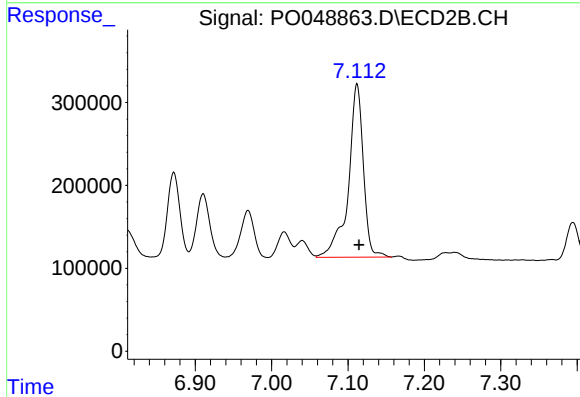
R.T.: 6.872 min
Delta R.T.: -0.003 min
Response: 1152899
Conc: 121.86 ng/ml



#35 AR-1260-5

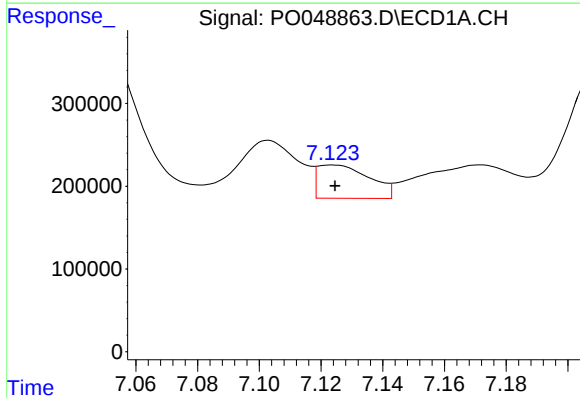
R.T.: 8.369 min
Delta R.T.: -0.012 min
Response: 1768673
Conc: 106.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



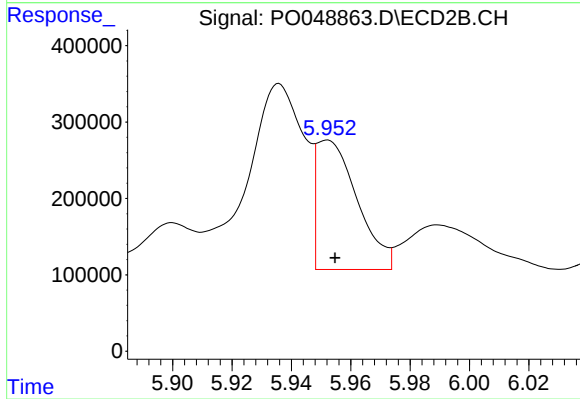
#35 AR-1260-5

R.T.: 7.112 min
Delta R.T.: -0.003 min
Response: 2875765
Conc: 132.43 ng/ml



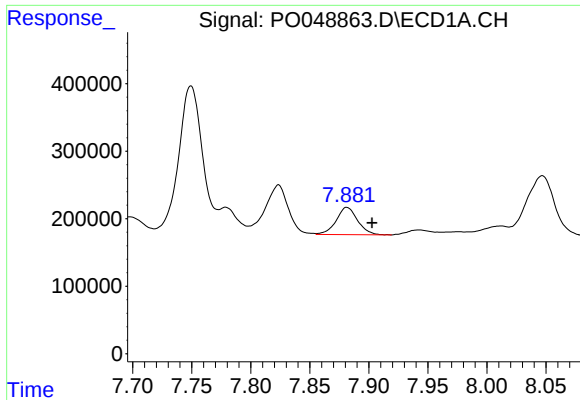
#36 AR-1262-1

R.T.: 7.124 min
Delta R.T.: 0.000 min
Response: 467648
Conc: 95.78 ng/ml



#36 AR-1262-1

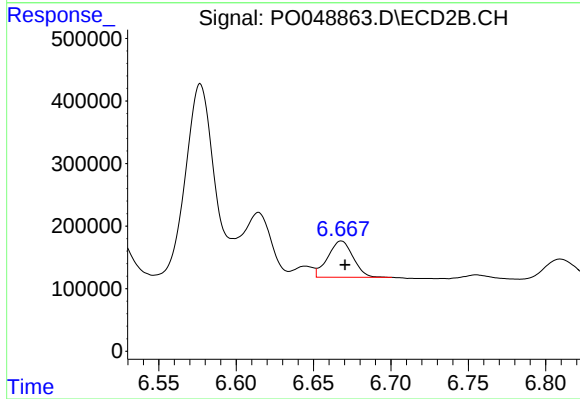
R.T.: 5.952 min
Delta R.T.: -0.003 min
Response: 1617184
Conc: 293.79 ng/ml



#37 AR-1262-2

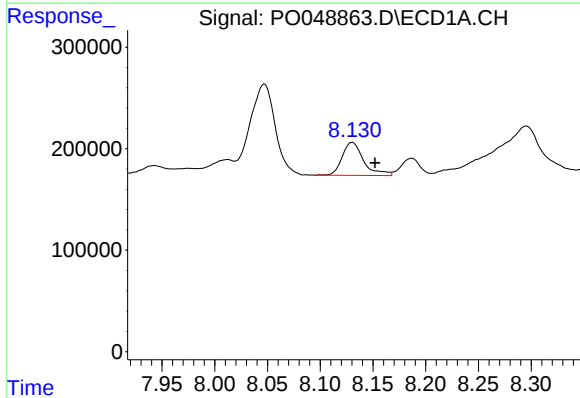
R.T.: 7.881 min
Delta R.T.: -0.021 min
Response: 510910
Conc: 117.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



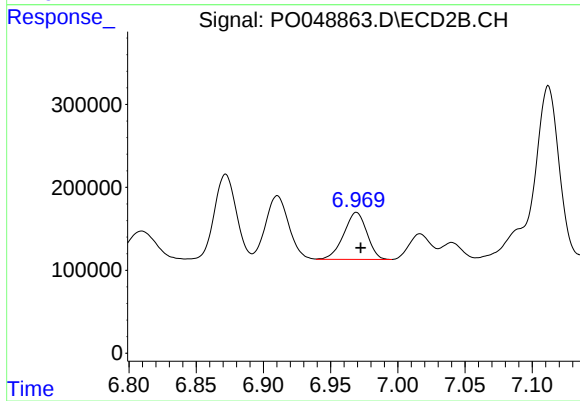
#37 AR-1262-2

R.T.: 6.668 min
Delta R.T.: -0.002 min
Response: 661103
Conc: 122.08 ng/ml



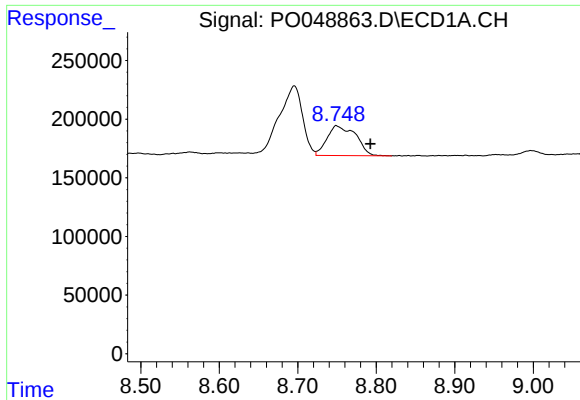
#38 AR-1262-3

R.T.: 8.130 min
Delta R.T.: -0.022 min
Response: 461463
Conc: 94.99 ng/ml



#38 AR-1262-3

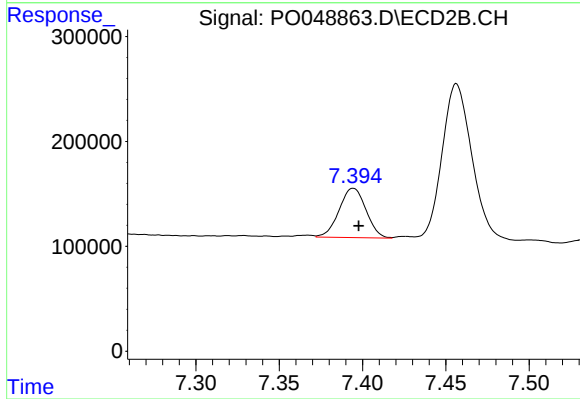
R.T.: 6.969 min
Delta R.T.: -0.003 min
Response: 679594
Conc: 113.93 ng/ml



#39 AR-1262-4

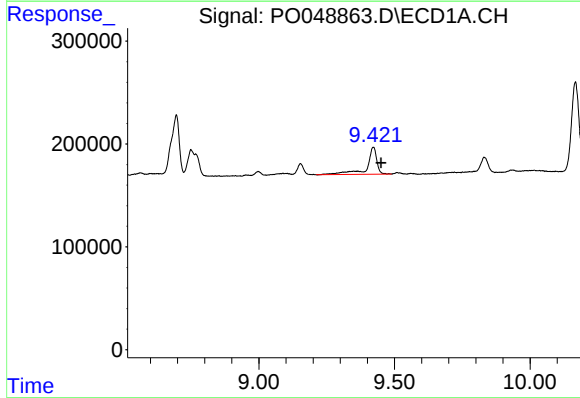
R.T.: 8.749 min
Delta R.T.: -0.043 min
Response: 646507
Conc: 122.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



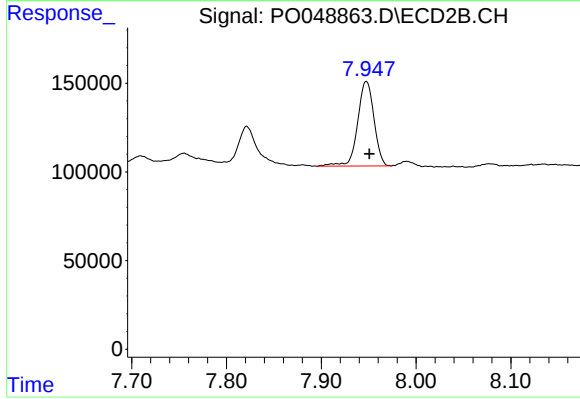
#39 AR-1262-4

R.T.: 7.394 min
Delta R.T.: -0.003 min
Response: 529968
Conc: 59.70 ng/ml



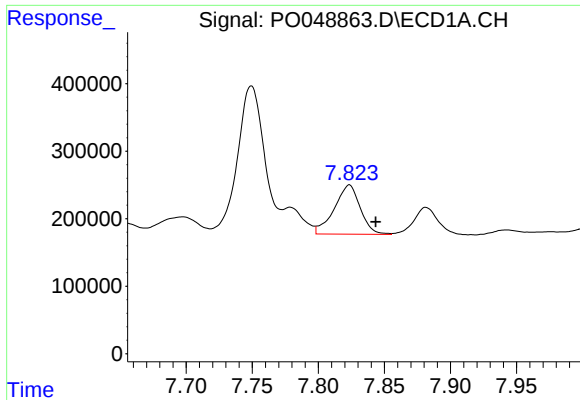
#40 AR-1262-5

R.T.: 9.422 min
Delta R.T.: -0.028 min
Response: 669273
Conc: 99.66 ng/ml



#40 AR-1262-5

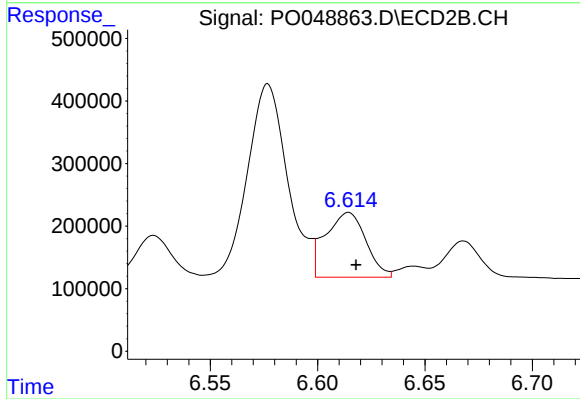
R.T.: 7.948 min
Delta R.T.: -0.003 min
Response: 572647
Conc: 75.71 ng/ml



#41 AR-1268-1

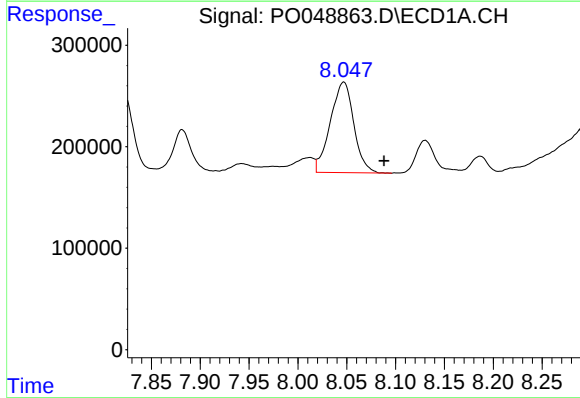
R.T.: 7.824 min
Delta R.T.: -0.020 min
Response: 998392
Conc: 233.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



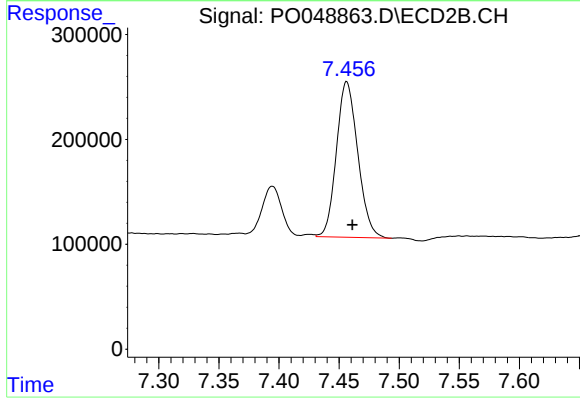
#41 AR-1268-1

R.T.: 6.614 min
Delta R.T.: -0.003 min
Response: 1354593
Conc: 248.22 ng/ml



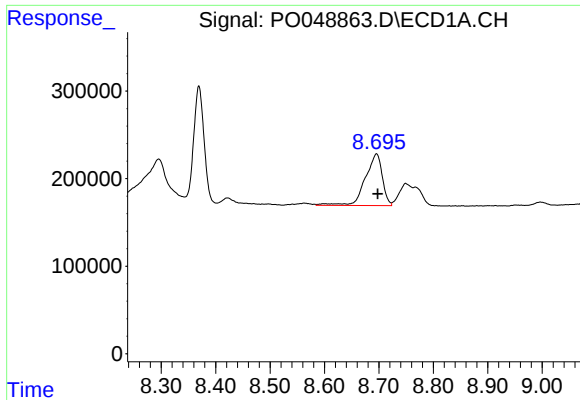
#42 AR-1268-2

R.T.: 8.047 min
Delta R.T.: -0.041 min
Response: 1491876
Conc: 273.48 ng/ml



#42 AR-1268-2

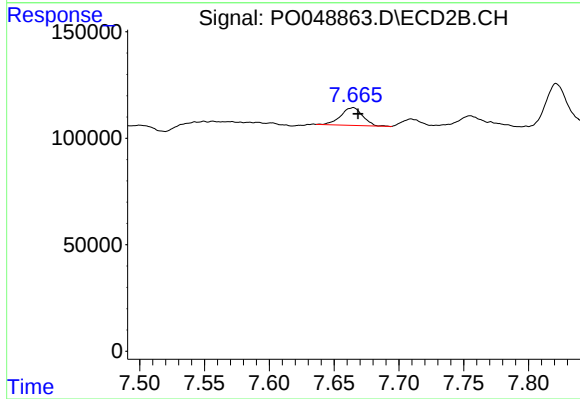
R.T.: 7.456 min
Delta R.T.: -0.005 min
Response: 1834539
Conc: 77.16 ng/ml



#43 AR-1268-3

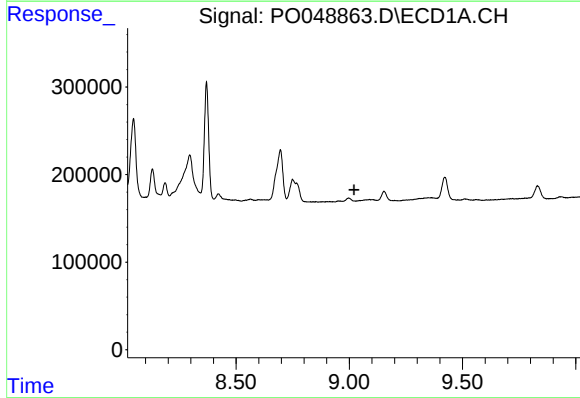
R.T.: 8.696 min
Delta R.T.: -0.003 min
Response: 1292022
Conc: 58.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



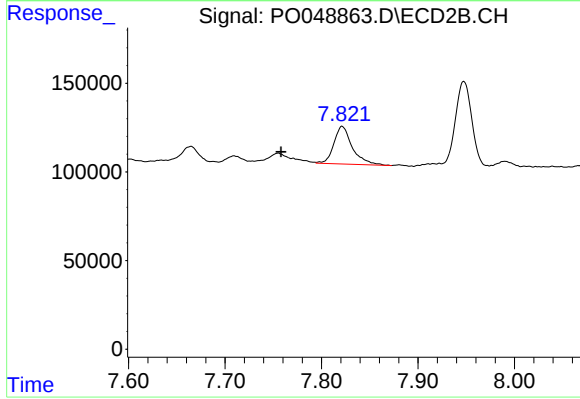
#43 AR-1268-3

R.T.: 7.664 min
Delta R.T.: -0.004 min
Response: 97964
Conc: 5.00 ng/ml



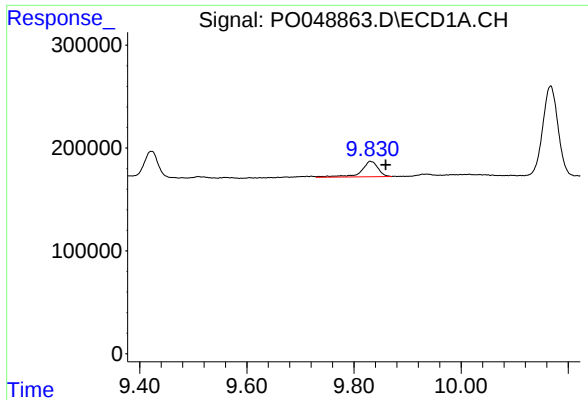
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.021 min
Response: 0
Conc: N.D.



#44 AR-1268-4

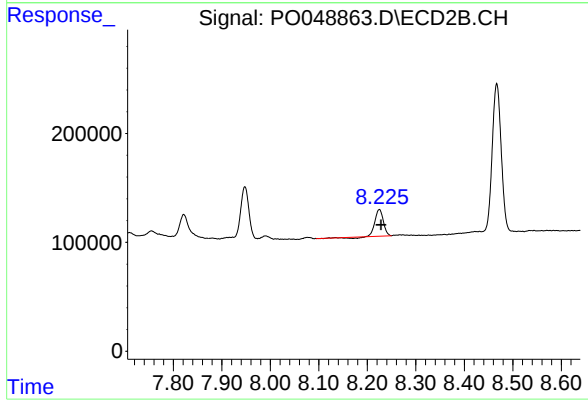
R.T.: 7.821 min
Delta R.T.: 0.063 min
Response: 280979
Conc: 50.02 ng/ml



#45 AR-1268-5

R.T.: 9.830 min
Delta R.T.: -0.029 min
Response: 325038
Conc: 6.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.225 min
Delta R.T.: -0.003 min
Response: 276659
Conc: 5.07 ng/ml