

Data Path : P:\HPCHEM1\ECD 0\Data\P0032718\
 Data File : P0043315.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 27 Mar 2018 9:30
 Operator : SM/UA
 Sample : J2070-02 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 B461363

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 27 10:58:38 2018
 Quant Method : P:\HPCHEM1\ECD_0\methods\P0032318.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Mar 23 05:22:35 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...	4.074	3.331	322152	169615	1.520	0.579 #
2) SA Decachlor...	9.426	8.098	512495	412020	2.110	1.152 #
Target Compounds						
3) L1 AR-1016-1	4.958	4.156	119649	2803439	21.027	347.734 #
4) L1 AR-1016-2	5.277	4.591	1571647	471347	181.115	65.096 #
5) L1 AR-1016-3	5.396	4.591	194226	471347	27.933	52.595 #
6) L1 AR-1016-4	5.772	4.820	306538	556243	42.985	57.353 #
7) L1 AR-1016-5	6.005	5.076	759505	501940	115.440	49.478 #
8) L2 AR-1221-1	4.239	3.565	388934	3651621	117.980	847.328 #
9) L2 AR-1221-2	4.370	3.565	254177	3651621	105.258	1162.115 #
10) L2 AR-1221-3	4.428	3.730	187226	334990	24.363	33.127 #
11) L3 AR-1232-1	4.428	3.730	187226	334990	44.755	61.962 #
12) L3 AR-1232-2	5.185	4.358	320966	1337990	99.214	117.280
13) L3 AR-1232-3	5.235	0.000	1857664	0	361.833	N.D. #
14) L3 AR-1232-4	5.277	4.526	1571647	773286	478.110	220.680 #
15) L3 AR-1232-5	5.396	4.591	194226	471347	79.267	192.547 #
16) L4 AR-1242-1	4.758	4.156	175743	2803439	49.914	557.862 #
17) L4 AR-1242-2	5.235	4.358	1857664	1337990	223.805	71.486 #
18) L4 AR-1242-3	5.396	4.526	194226	773286	44.887	134.775 #
19) L4 AR-1242-4	5.639	4.591	272976	471347	65.446	82.498 #
20) L4 AR-1242-5	5.772	4.820	306538	556243	64.875	89.565 #
21) L5 AR-1248-1	5.639	4.820	272976	556243	36.231	49.117 #
22) L5 AR-1248-2	5.772	4.968	306538	318793	46.008	29.084 #
23) L5 AR-1248-3	6.065	5.076	694133	501940	75.551	28.766 #
24) L5 AR-1248-4	6.114	0.000	76637	0	8.297	N.D. #
25) L5 AR-1248-5	6.274	5.662	732768	765207	116.402	93.758
26) L6 AR-1254-1	6.212	5.076	280782	501940	17.635	23.369 #
27) L6 AR-1254-2	6.506	5.269	1358384	824522	131.702	42.794 #
28) L6 AR-1254-3	6.587	5.662	1449109	765207	80.370	23.885 #
29) L6 AR-1254-4	6.890	5.892	164510	1084711	11.052	40.919 #
30) L6 AR-1254-5	7.123	6.166	229631	1004243	21.079	67.721 #
31) L7 AR-1260-1	6.752	5.780	318425	481034	22.657	21.467
32) L7 AR-1260-2	7.012	5.965	2950999	623100	162.514	19.279 #
33) L7 AR-1260-3	7.324	6.166	1184511	1004243	58.281	38.268 #
34) L7 AR-1260-4	7.406	6.289	1091778	813520	148.924	26.514 #
35) L7 AR-1260-5	7.909	6.768	1799517	1809125	59.082	31.079 #
36) L8 AR-1262-1	6.752	5.965	318425	623100	29.958	27.142
37) L8 AR-1262-2	7.012	6.166	2950999	1004243	219.090	48.030 #
38) L8 AR-1262-3	7.245	6.289	821478	813520	65.854	21.876 #

Data Path : P:\HPCHEM1\ECD 0\Data\P0032718\
 Data File : P0043315.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 27 Mar 2018 9:30
 Operator : SM/UA
 Sample : J2070-02 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 B461363

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 27 10:58:38 2018
 Quant Method : P:\HPCHEM1\ECD_0\methods\P0032318.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Mar 23 05:22:35 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	nq/ml	nq/ml
39) L8	AR-1262-4	7.577	6.599	2500822	1084771	149.565	37.508 #
40) L8	AR-1262-5	7.909	6.768	1799517	1809125	52.885	28.383 #
41) L9	AR-1268-1	8.212	7.050	380849	1354068	7.349	14.067 #
42) L9	AR-1268-2	8.212	7.158	380849	895050	8.209	10.284 #
43) L9	AR-1268-3	8.430	7.282	15007	2408720	0.382	32.730 #

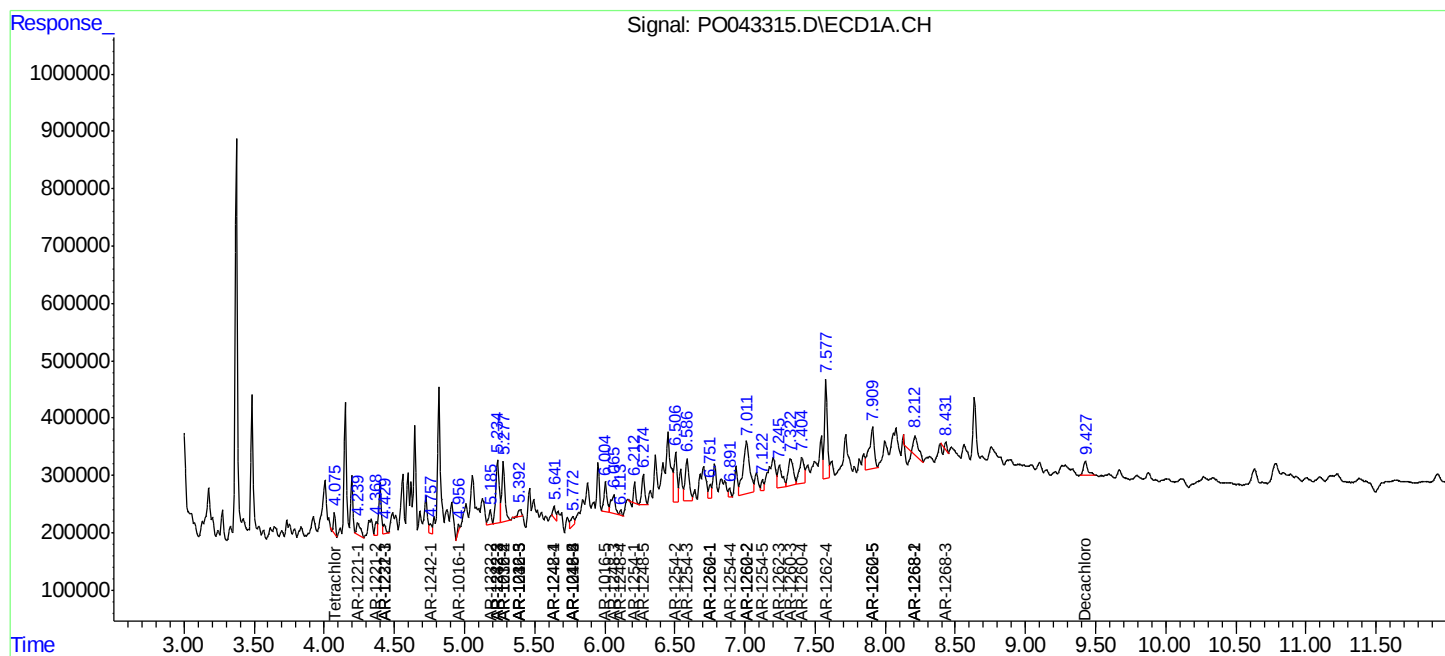
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

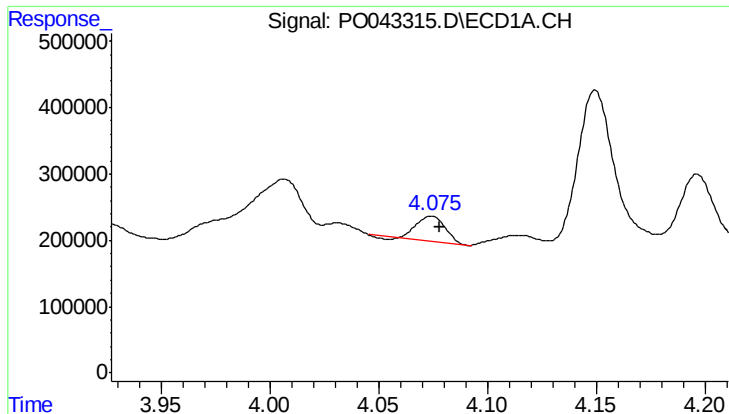
Data Path : P:\HPCHEM1\ECD 0\Data\PO032718\
Data File : PO043315.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Mar 2018 9:30
Operator : SM/UA
Sample : J2070-02 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
B461363

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 10:58:38 2018
Quant Method : P:\HPCHEM1\ECD_0\methods\PO032318.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 23 05:22:35 2018
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Ini. : 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

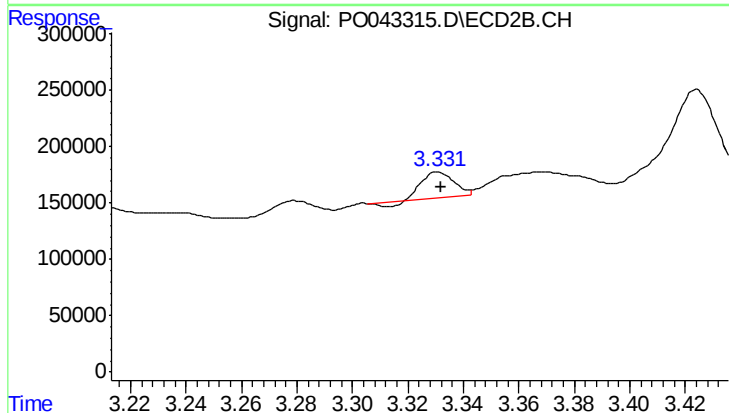




#1 Tetrachloro-m-xylene

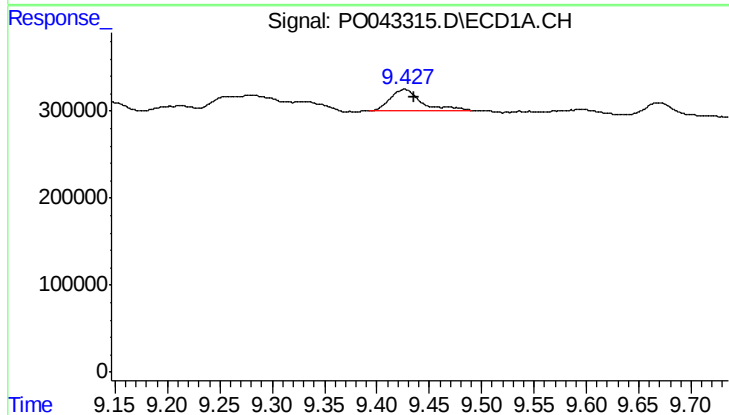
R.T.: 4.074 min
Delta R.T.: -0.004 min
Response: 322152
Conc: 1.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
B461363



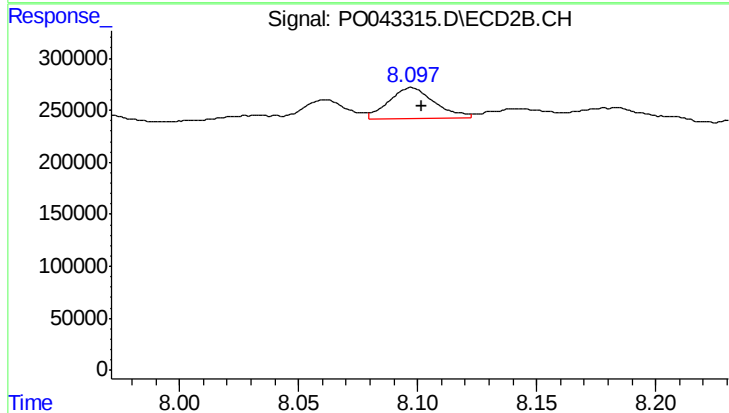
#1 Tetrachloro-m-xylene

R.T.: 3.331 min
Delta R.T.: -0.001 min
Response: 169615
Conc: 0.58 ng/ml



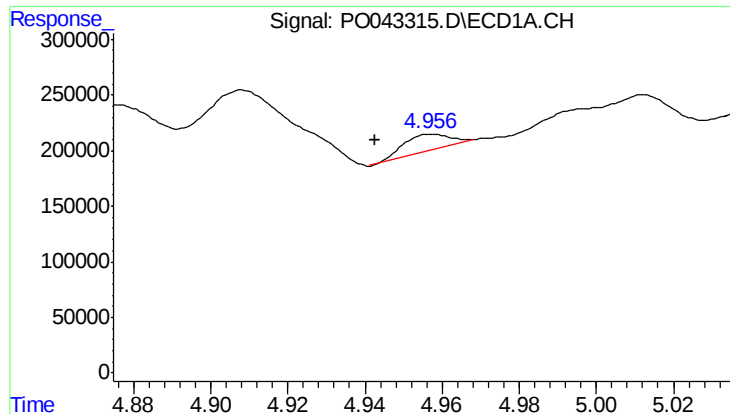
#2 Decachlorobiphenyl

R.T.: 9.426 min
Delta R.T.: -0.009 min
Response: 512495
Conc: 2.11 ng/ml



#2 Decachlorobiphenyl

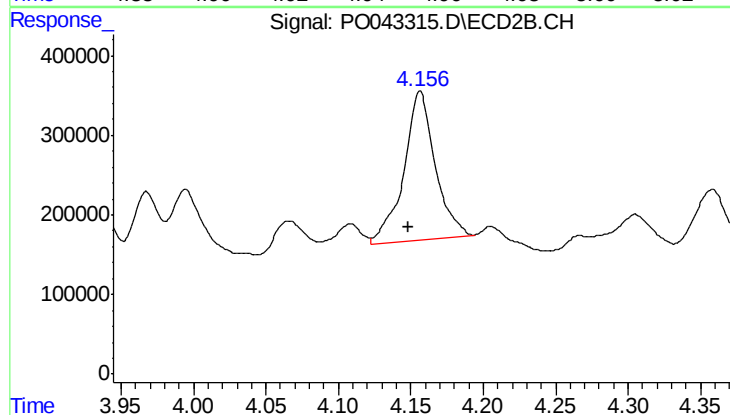
R.T.: 8.098 min
Delta R.T.: -0.004 min
Response: 412020
Conc: 1.15 ng/ml



#3 AR-1016-1

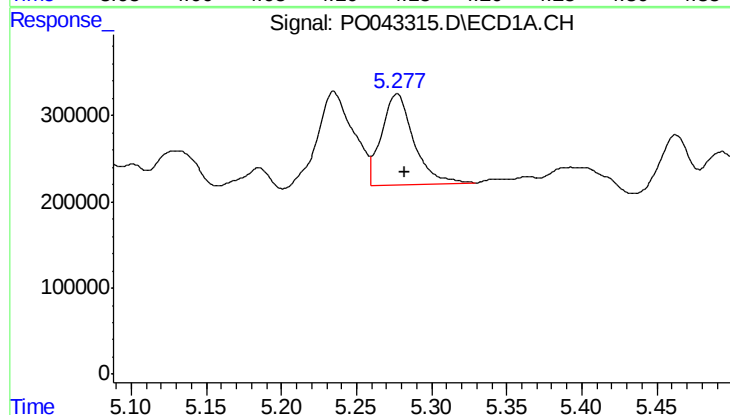
R.T.: 4.958 min
Delta R.T.: 0.016 min
Response: 119649
Conc: 21.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
B461363



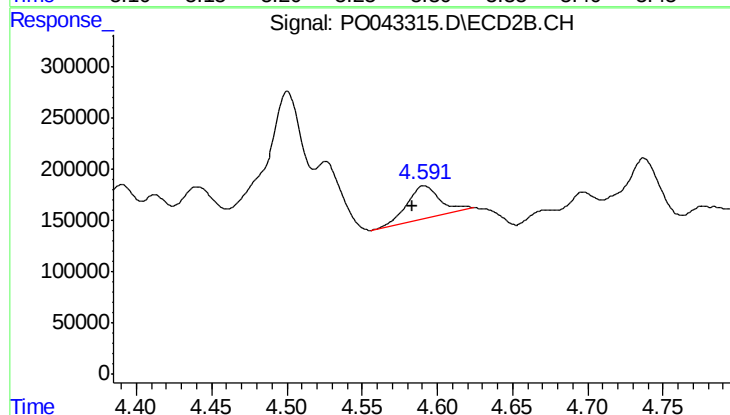
#3 AR-1016-1

R.T.: 4.156 min
Delta R.T.: 0.008 min
Response: 2803439
Conc: 347.73 ng/ml



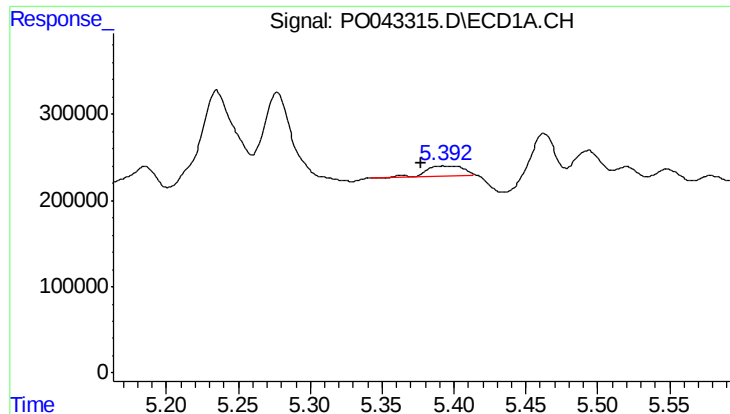
#4 AR-1016-2

R.T.: 5.277 min
Delta R.T.: -0.005 min
Response: 1571647
Conc: 181.11 ng/ml



#4 AR-1016-2

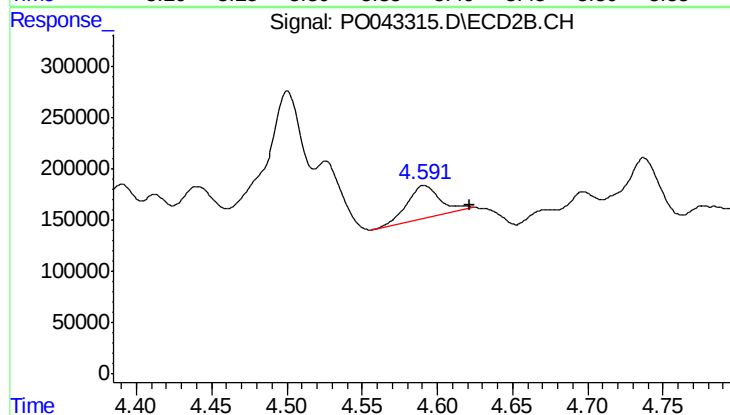
R.T.: 4.591 min
Delta R.T.: 0.008 min
Response: 471347
Conc: 65.10 ng/ml



#5 AR-1016-3

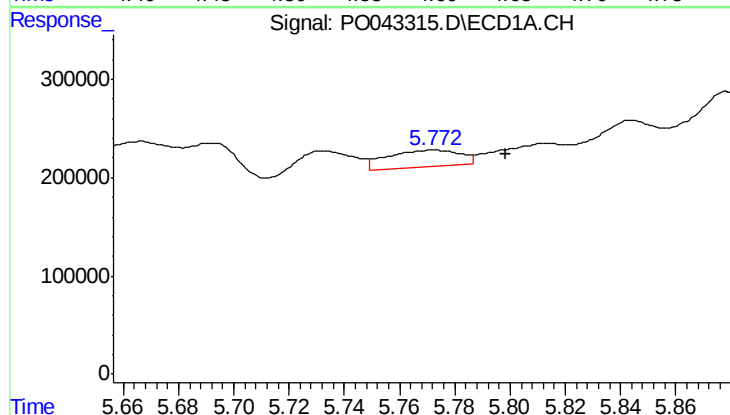
R.T.: 5.396 min
Delta R.T.: 0.019 min
Response: 194226
Conc: 27.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
B461363



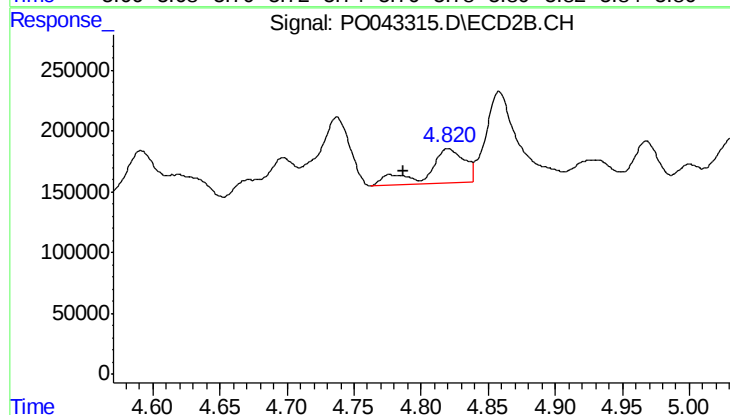
#5 AR-1016-3

R.T.: 4.591 min
Delta R.T.: -0.031 min
Response: 471347
Conc: 52.60 ng/ml



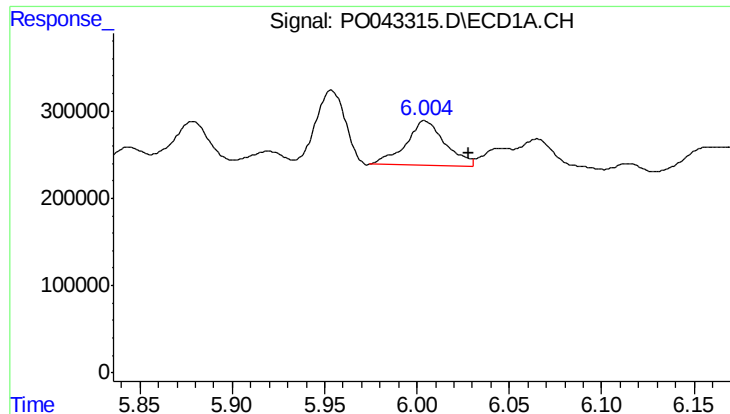
#6 AR-1016-4

R.T.: 5.772 min
Delta R.T.: -0.026 min
Response: 306538
Conc: 42.99 ng/ml



#6 AR-1016-4

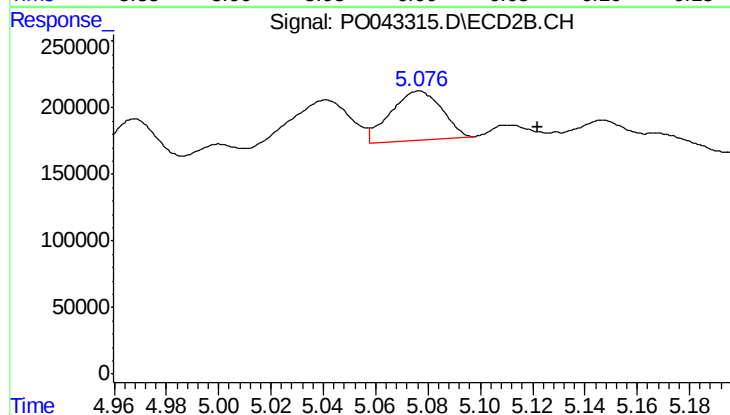
R.T.: 4.820 min
Delta R.T.: 0.033 min
Response: 556243
Conc: 57.35 ng/ml



#7 AR-1016-5

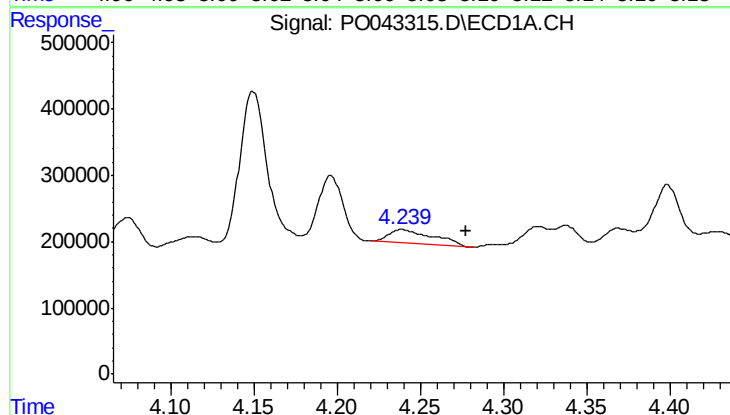
R.T.: 6.005 min
Delta R.T.: -0.023 min
Response: 759505
Conc: 115.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
B461363



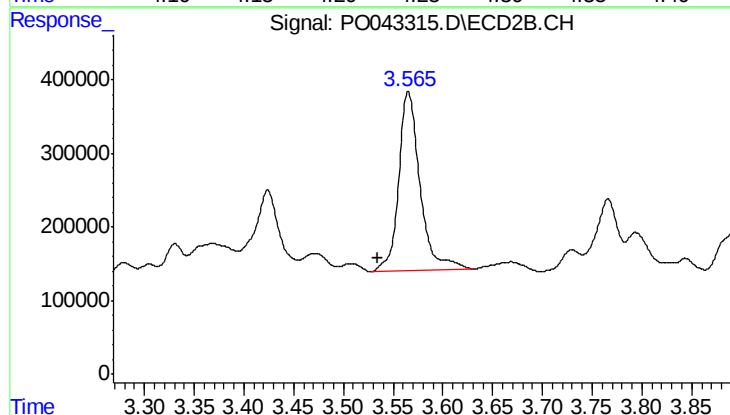
#7 AR-1016-5

R.T.: 5.076 min
Delta R.T.: -0.045 min
Response: 501940
Conc: 49.48 ng/ml



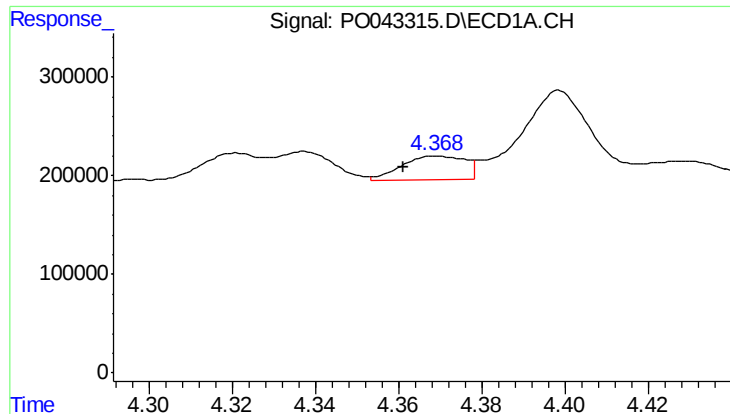
#8 AR-1221-1

R.T.: 4.239 min
Delta R.T.: -0.038 min
Response: 388934
Conc: 117.98 ng/ml



#8 AR-1221-1

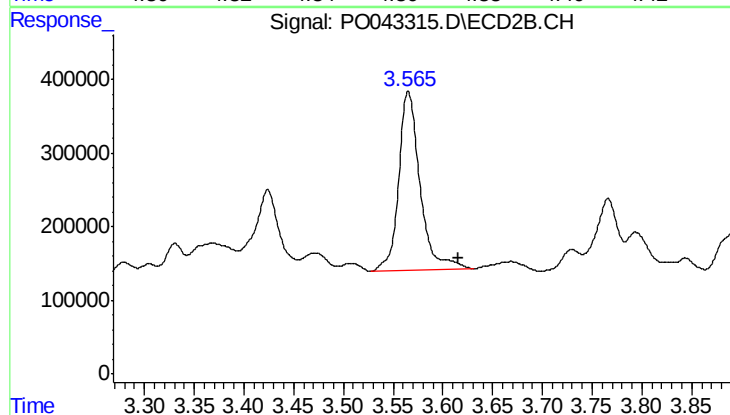
R.T.: 3.565 min
Delta R.T.: 0.031 min
Response: 3651621
Conc: 847.33 ng/ml



#9 AR-1221-2

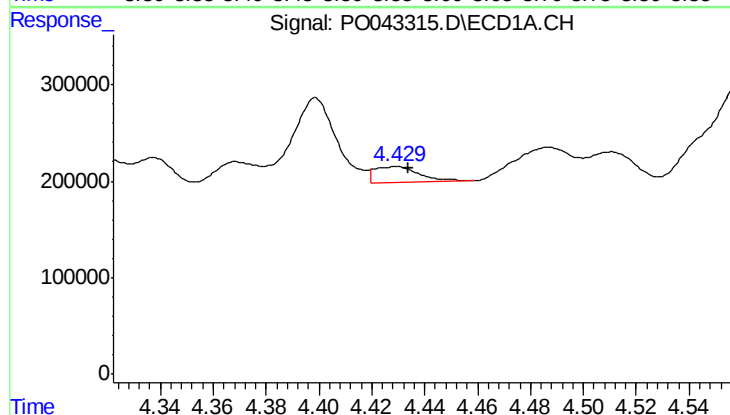
R.T.: 4.370 min
Delta R.T.: 0.008 min
Response: 254177
Conc: 105.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
B461363



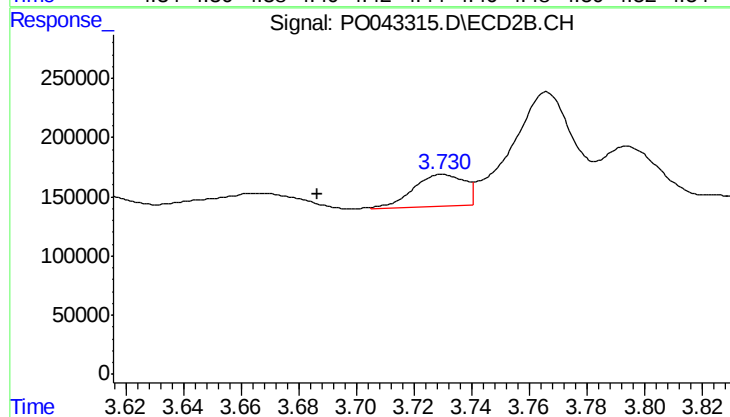
#9 AR-1221-2

R.T.: 3.565 min
Delta R.T.: -0.051 min
Response: 3651621
Conc: 1162.12 ng/ml



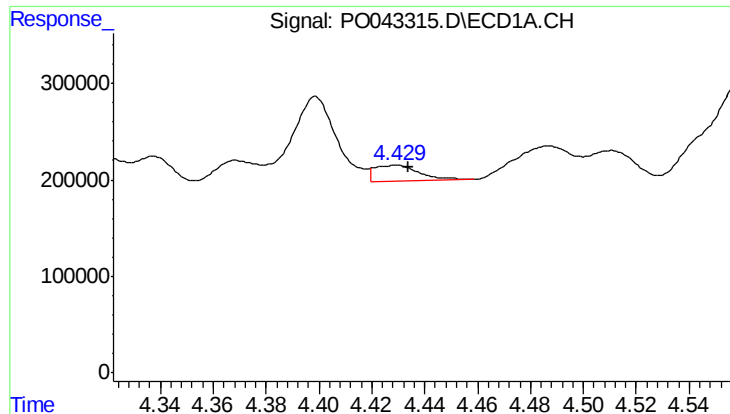
#10 AR-1221-3

R.T.: 4.428 min
Delta R.T.: -0.006 min
Response: 187226
Conc: 24.36 ng/ml



#10 AR-1221-3

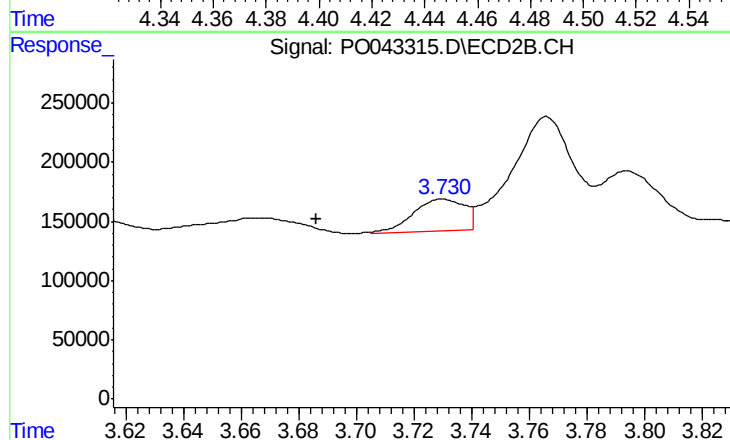
R.T.: 3.730 min
Delta R.T.: 0.043 min
Response: 334990
Conc: 33.13 ng/ml



#11 AR-1232-1

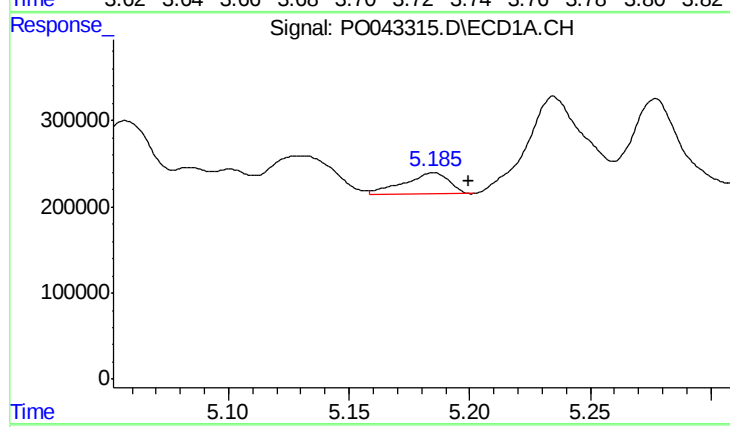
R.T.: 4.428 min
Delta R.T.: -0.006 min
Response: 187226
Conc: 44.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
B461363



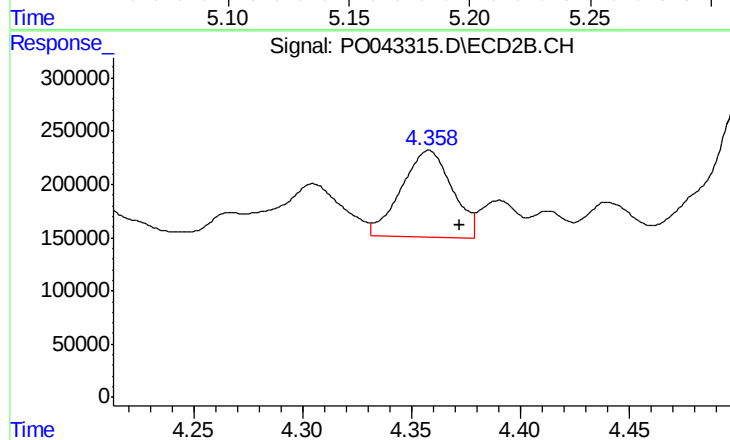
#11 AR-1232-1

R.T.: 3.730 min
Delta R.T.: 0.044 min
Response: 334990
Conc: 61.96 ng/ml



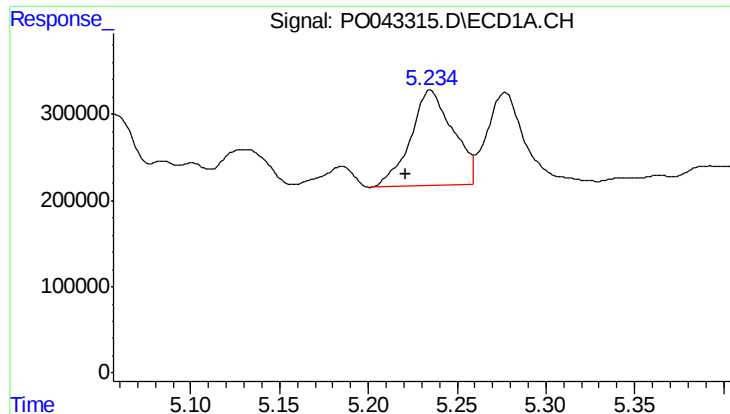
#12 AR-1232-2

R.T.: 5.185 min
Delta R.T.: -0.015 min
Response: 320966
Conc: 99.21 ng/ml



#12 AR-1232-2

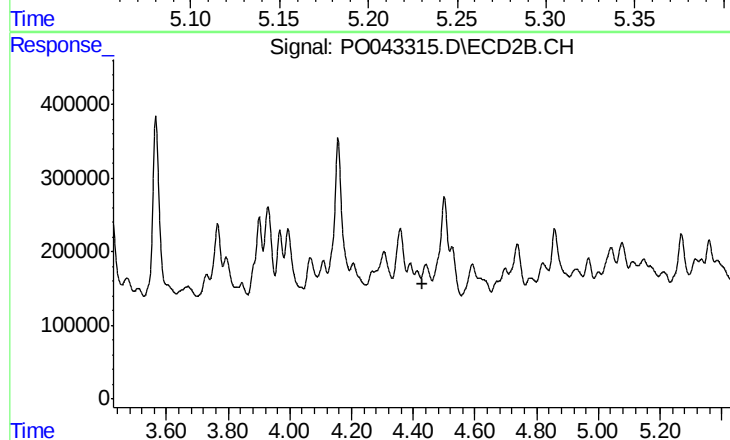
R.T.: 4.358 min
Delta R.T.: -0.014 min
Response: 1337990
Conc: 117.28 ng/ml



#13 AR-1232-3

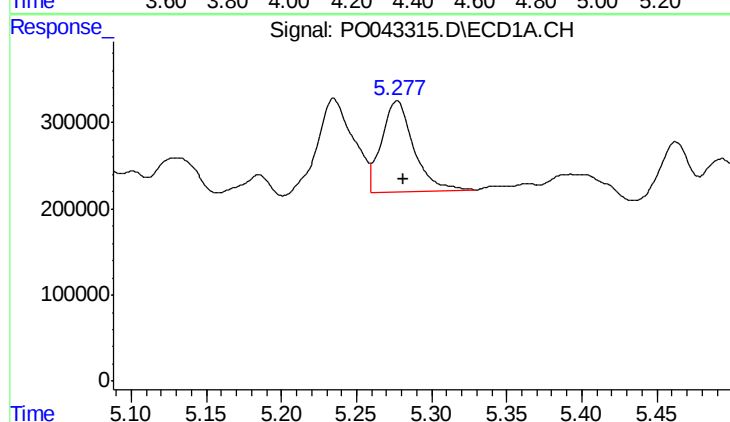
R.T.: 5.235 min
Delta R.T.: 0.014 min
Response: 1857664
Conc: 361.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
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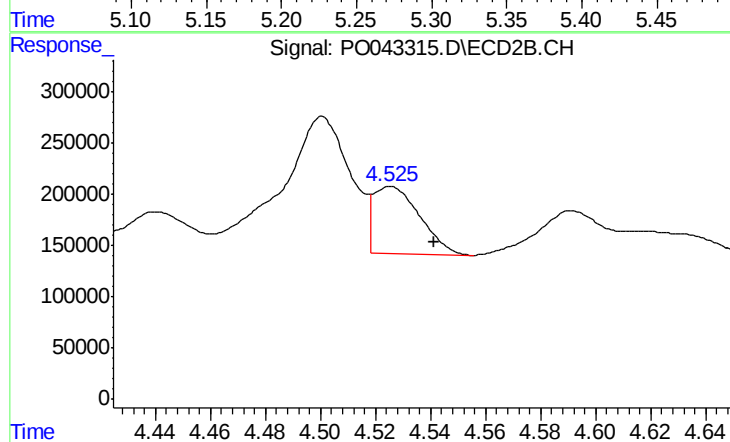
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 4.428 min
Response: 0
Conc: N.D.



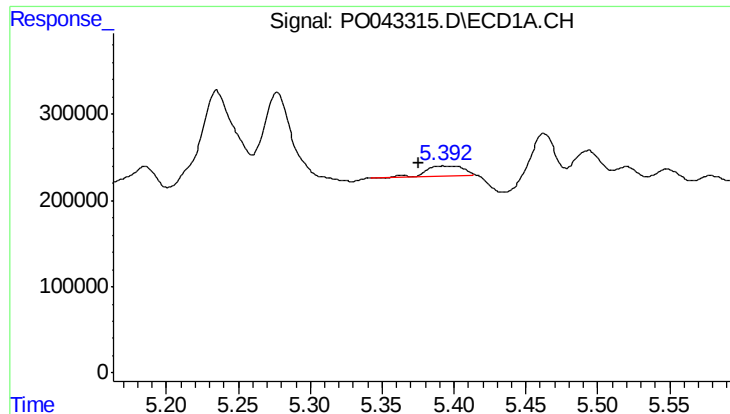
#14 AR-1232-4

R.T.: 5.277 min
Delta R.T.: -0.004 min
Response: 1571647
Conc: 478.11 ng/ml



#14 AR-1232-4

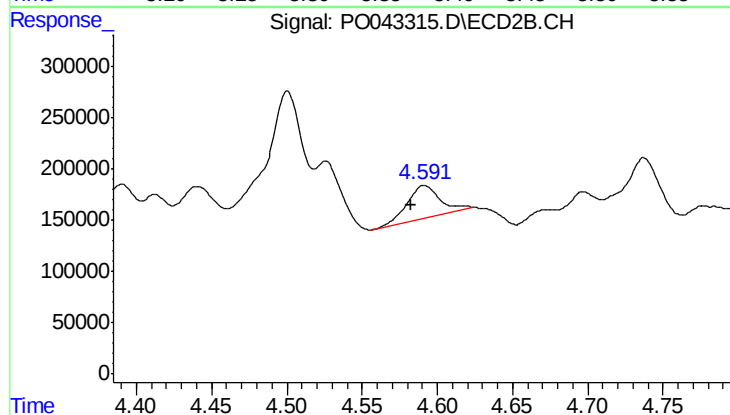
R.T.: 4.526 min
Delta R.T.: -0.016 min
Response: 773286
Conc: 220.68 ng/ml



#15 AR-1232-5

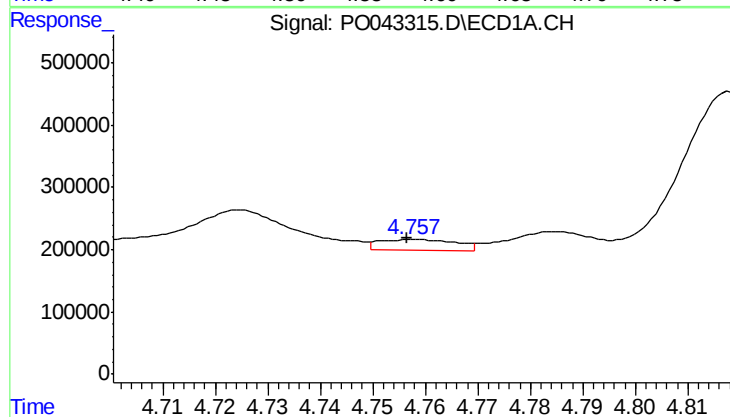
R.T.: 5.396 min
Delta R.T.: 0.020 min
Response: 194226
Conc: 79.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
B461363



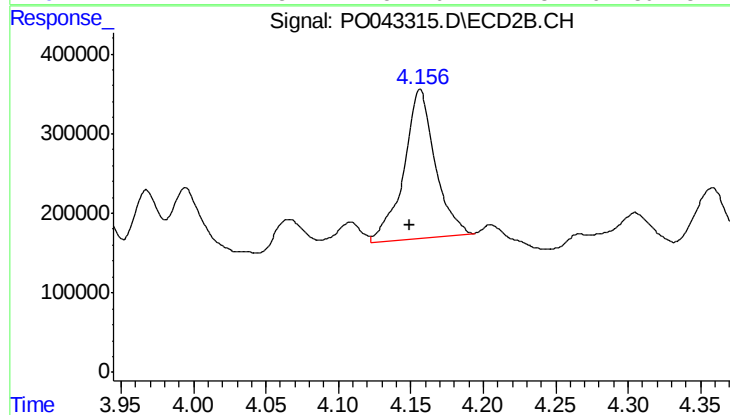
#15 AR-1232-5

R.T.: 4.591 min
Delta R.T.: 0.009 min
Response: 471347
Conc: 192.55 ng/ml



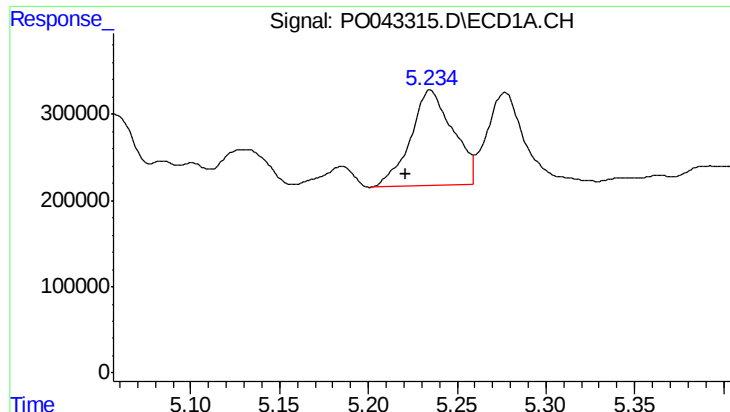
#16 AR-1242-1

R.T.: 4.758 min
Delta R.T.: 0.001 min
Response: 175743
Conc: 49.91 ng/ml



#16 AR-1242-1

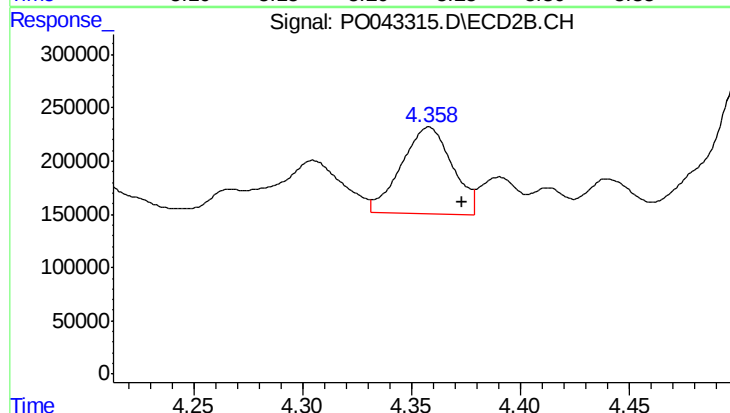
R.T.: 4.156 min
Delta R.T.: 0.007 min
Response: 2803439
Conc: 557.86 ng/ml



#17 AR-1242-2

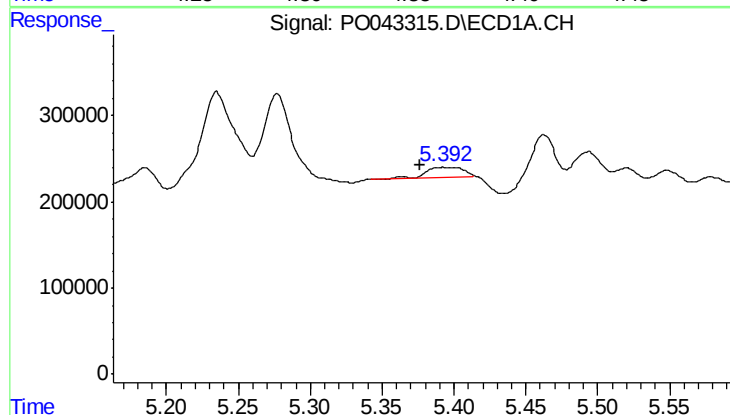
R.T.: 5.235 min
Delta R.T.: 0.014 min
Response: 1857664
Conc: 223.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
B461363



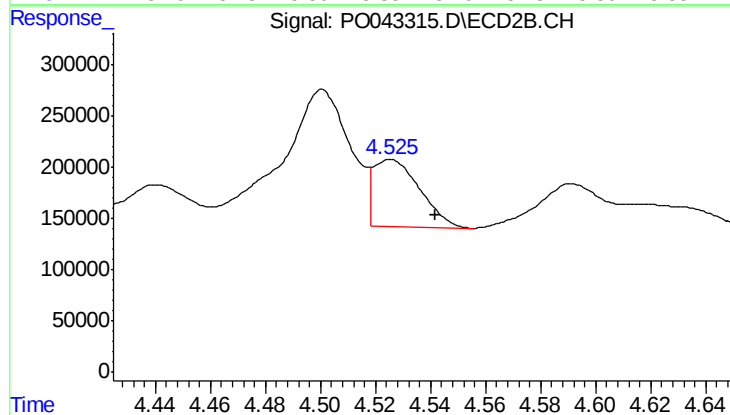
#17 AR-1242-2

R.T.: 4.358 min
Delta R.T.: -0.015 min
Response: 1337990
Conc: 71.49 ng/ml



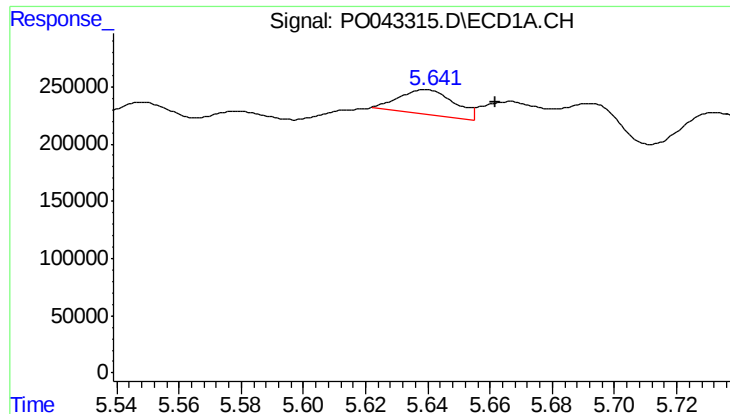
#18 AR-1242-3

R.T.: 5.396 min
Delta R.T.: 0.019 min
Response: 194226
Conc: 44.89 ng/ml



#18 AR-1242-3

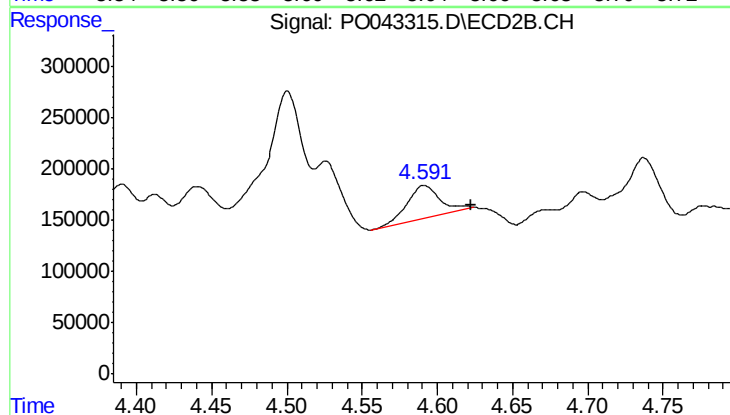
R.T.: 4.526 min
Delta R.T.: -0.016 min
Response: 773286
Conc: 134.77 ng/ml



#19 AR-1242-4

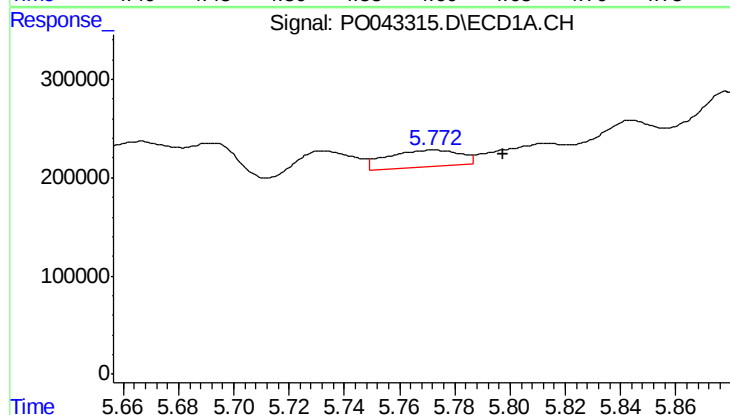
R.T.: 5.639 min
Delta R.T.: -0.023 min
Response: 272976
Conc: 65.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
B461363



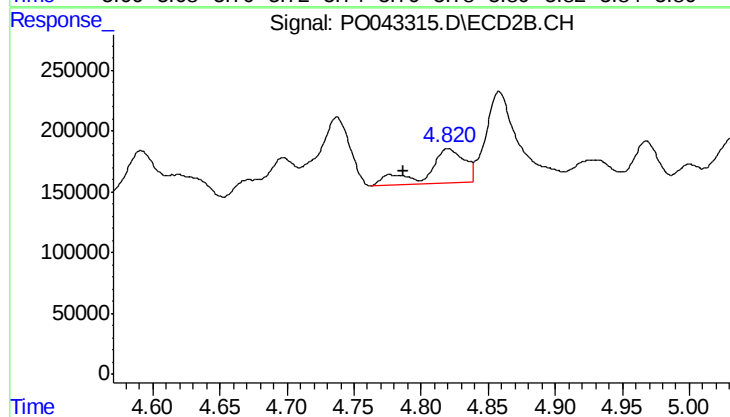
#19 AR-1242-4

R.T.: 4.591 min
Delta R.T.: -0.031 min
Response: 471347
Conc: 82.50 ng/ml



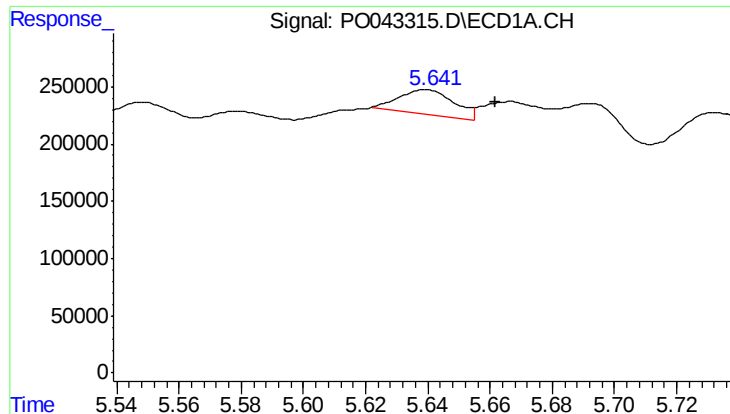
#20 AR-1242-5

R.T.: 5.772 min
Delta R.T.: -0.026 min
Response: 306538
Conc: 64.87 ng/ml



#20 AR-1242-5

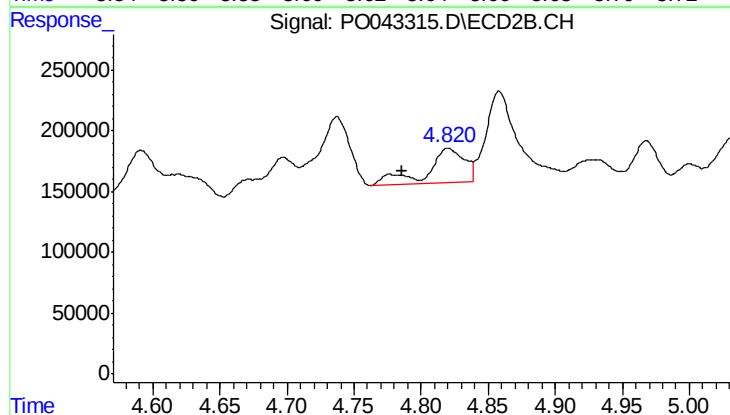
R.T.: 4.820 min
Delta R.T.: 0.034 min
Response: 556243
Conc: 89.56 ng/ml



#21 AR-1248-1

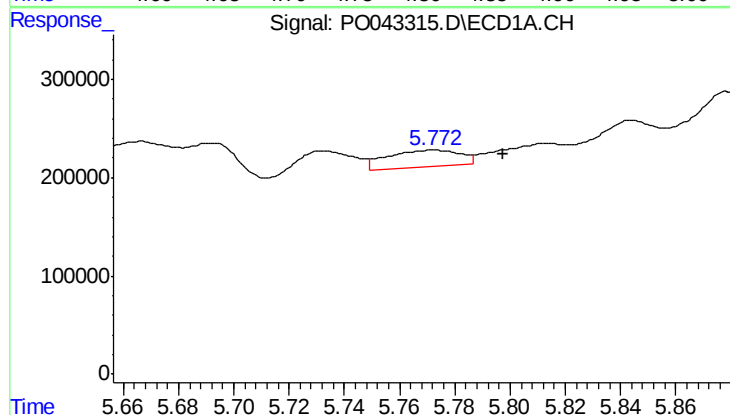
R.T.: 5.639 min
Delta R.T.: -0.023 min
Response: 272976
Conc: 36.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
B461363



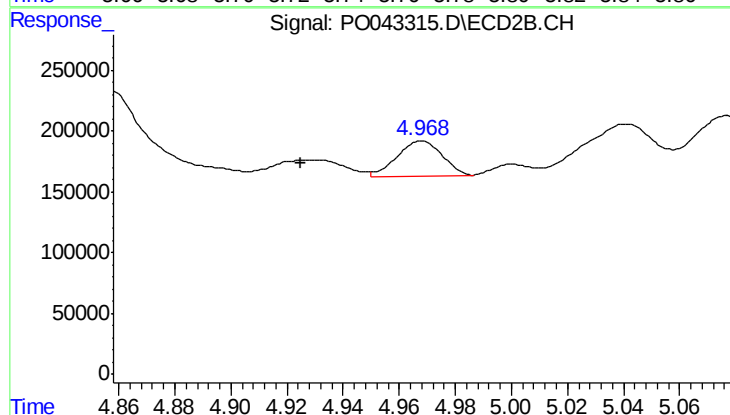
#21 AR-1248-1

R.T.: 4.820 min
Delta R.T.: 0.034 min
Response: 556243
Conc: 49.12 ng/ml



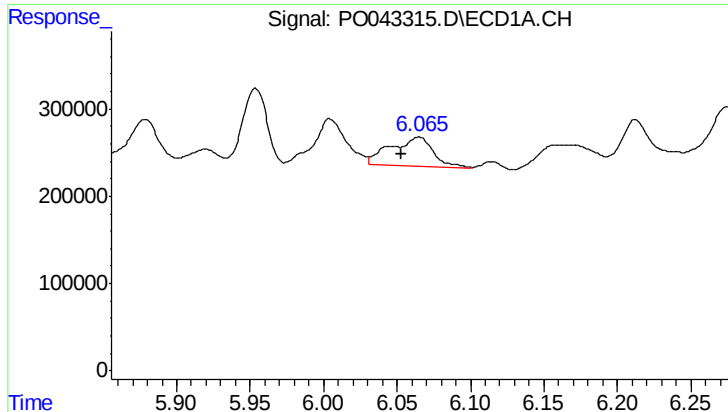
#22 AR-1248-2

R.T.: 5.772 min
Delta R.T.: -0.025 min
Response: 306538
Conc: 46.01 ng/ml



#22 AR-1248-2

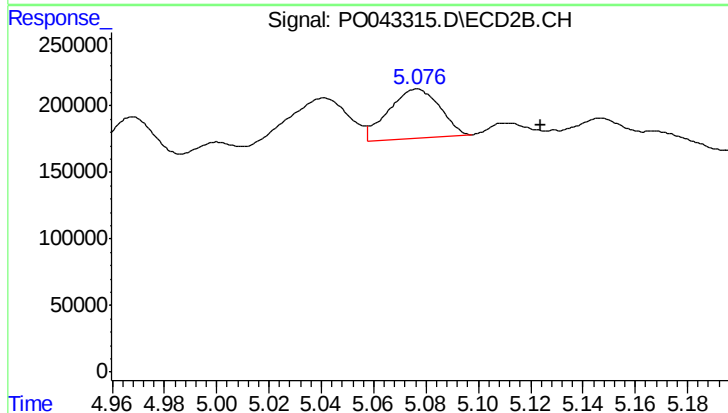
R.T.: 4.968 min
Delta R.T.: 0.043 min
Response: 318793
Conc: 29.08 ng/ml



#23 AR-1248-3

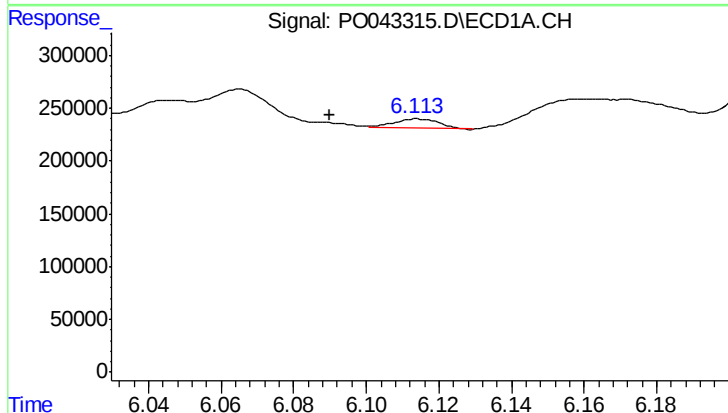
R.T.: 6.065 min
Delta R.T.: 0.012 min
Response: 694133
Conc: 75.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
B461363



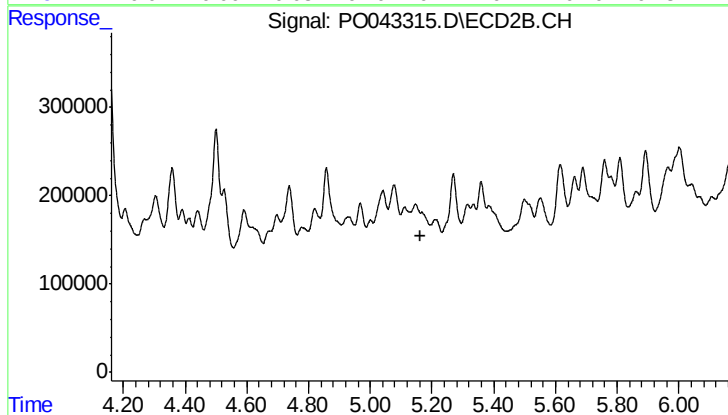
#23 AR-1248-3

R.T.: 5.076 min
Delta R.T.: -0.047 min
Response: 501940
Conc: 28.77 ng/ml



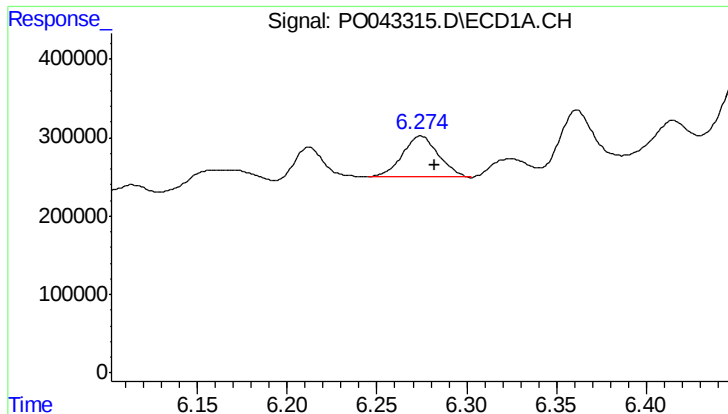
#24 AR-1248-4

R.T.: 6.114 min
Delta R.T.: 0.024 min
Response: 76637
Conc: 8.30 ng/ml



#24 AR-1248-4

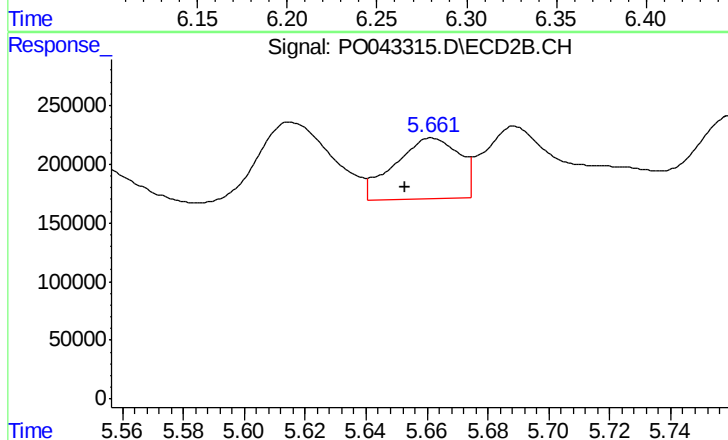
R.T.: 0.000 min
Exp R.T.: 5.161 min
Response: 0
Conc: N.D.



#25 AR-1248-5

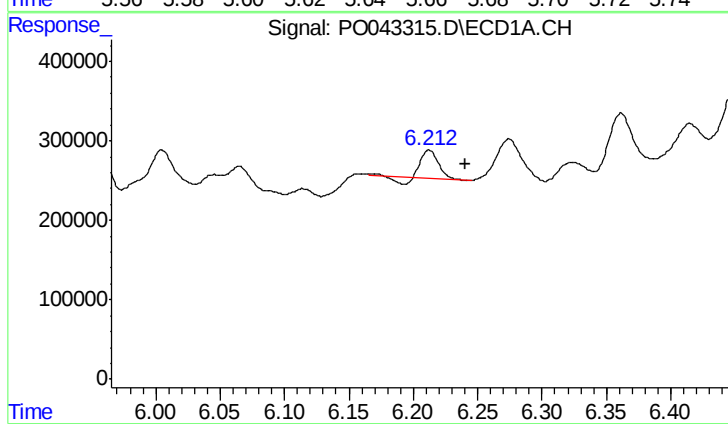
R.T.: 6.274 min
Delta R.T.: -0.008 min
Response: 732768
Conc: 116.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
B461363



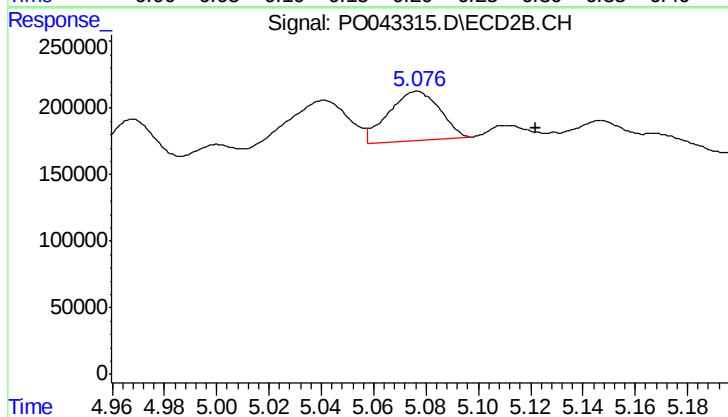
#25 AR-1248-5

R.T.: 5.662 min
Delta R.T.: 0.009 min
Response: 765207
Conc: 93.76 ng/ml



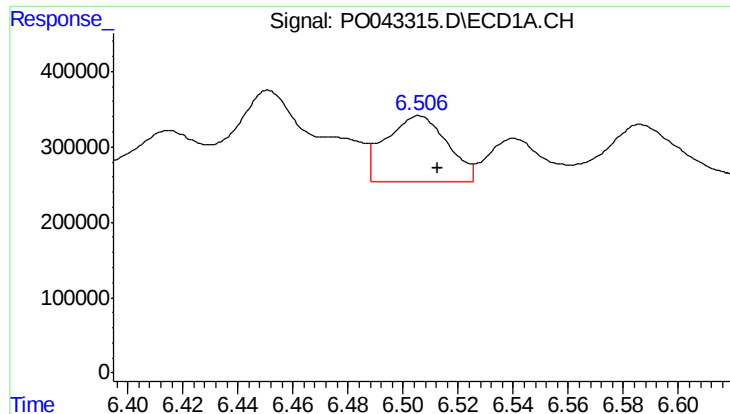
#26 AR-1254-1

R.T.: 6.212 min
Delta R.T.: -0.028 min
Response: 280782
Conc: 17.63 ng/ml



#26 AR-1254-1

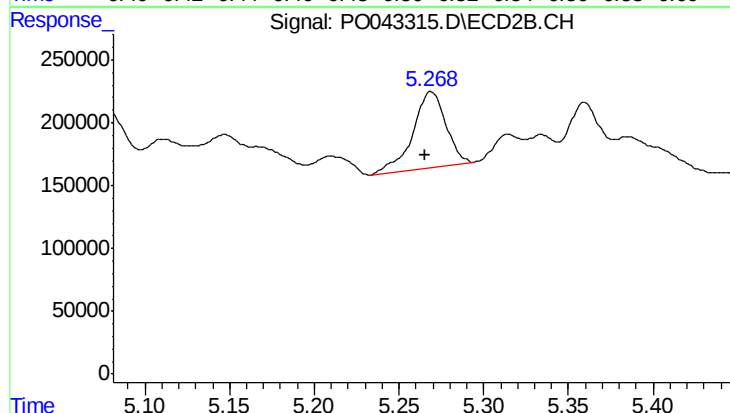
R.T.: 5.076 min
Delta R.T.: -0.045 min
Response: 501940
Conc: 23.37 ng/ml



#27 AR-1254-2

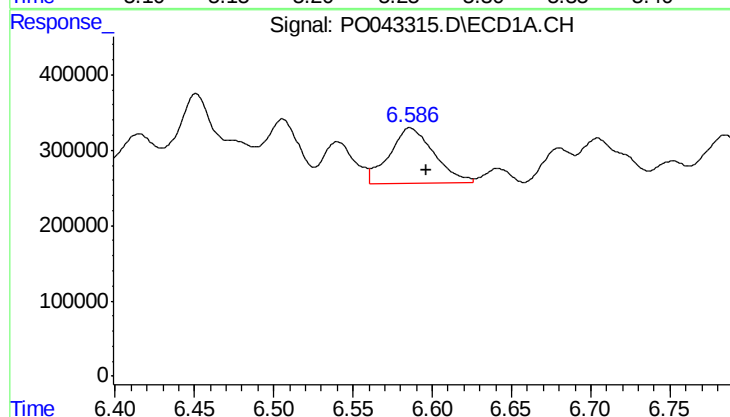
R.T.: 6.506 min
Delta R.T.: -0.007 min
Response: 1358384
Conc: 131.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
B461363



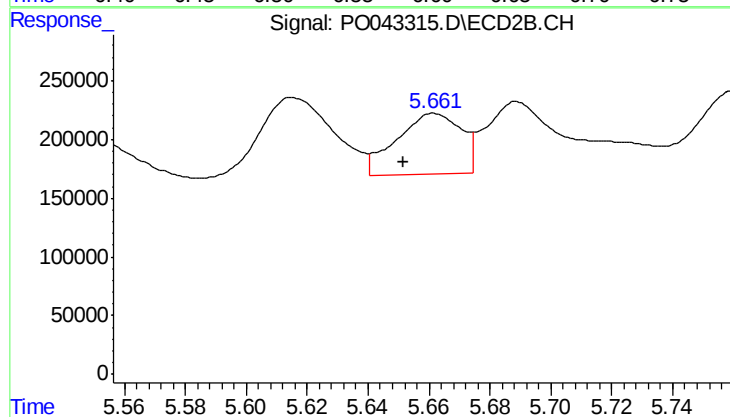
#27 AR-1254-2

R.T.: 5.269 min
Delta R.T.: 0.004 min
Response: 824522
Conc: 42.79 ng/ml



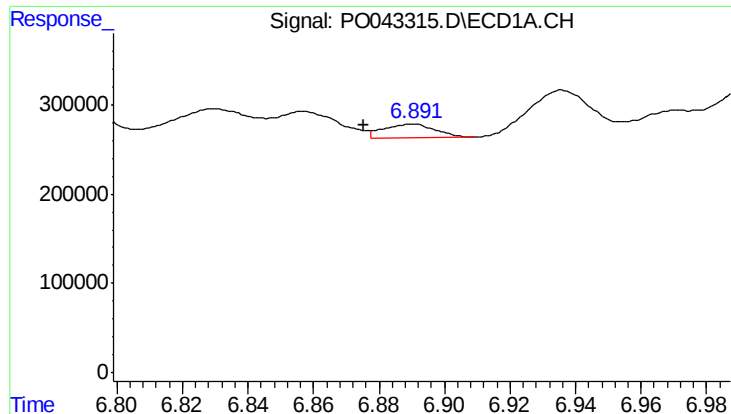
#28 AR-1254-3

R.T.: 6.587 min
Delta R.T.: -0.009 min
Response: 1449109
Conc: 80.37 ng/ml



#28 AR-1254-3

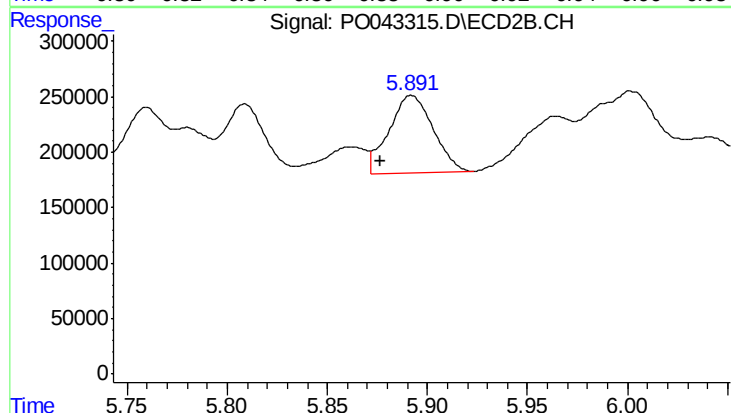
R.T.: 5.662 min
Delta R.T.: 0.010 min
Response: 765207
Conc: 23.88 ng/ml



#29 AR-1254-4

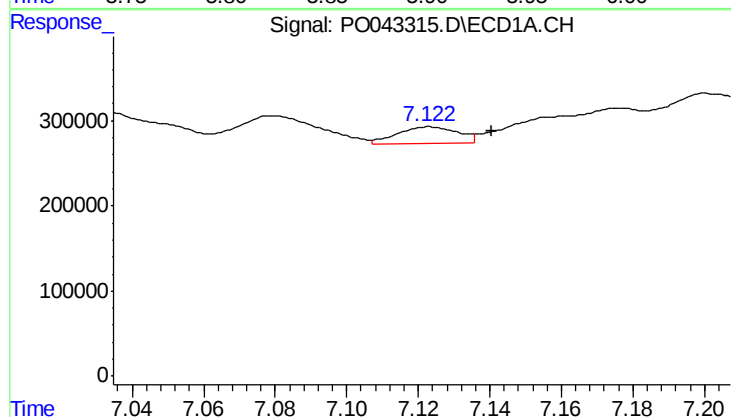
R.T.: 6.890 min
Delta R.T.: 0.015 min
Response: 164510
Conc: 11.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
B461363



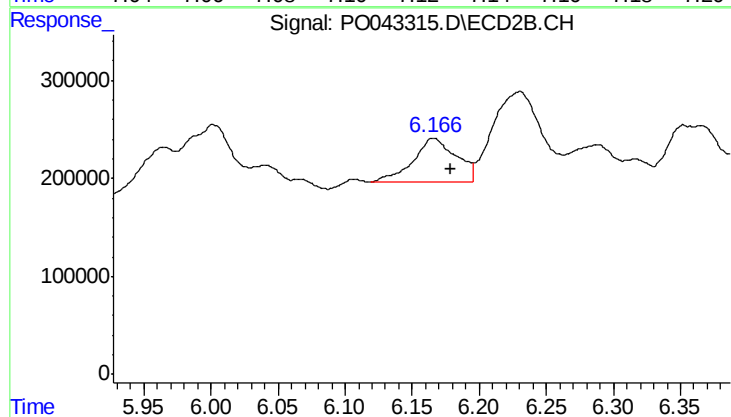
#29 AR-1254-4

R.T.: 5.892 min
Delta R.T.: 0.016 min
Response: 1084711
Conc: 40.92 ng/ml



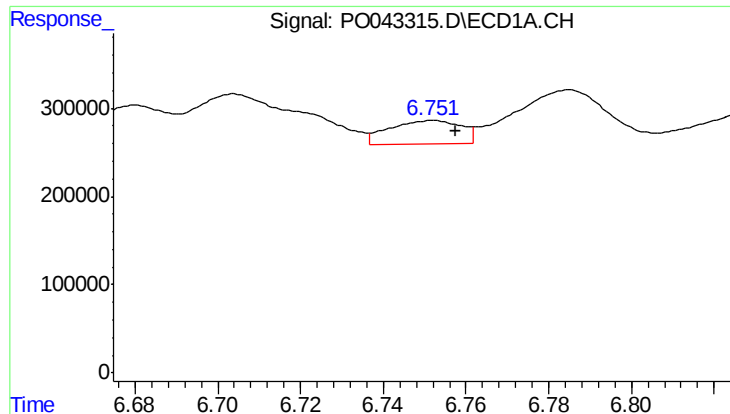
#30 AR-1254-5

R.T.: 7.123 min
Delta R.T.: -0.018 min
Response: 229631
Conc: 21.08 ng/ml



#30 AR-1254-5

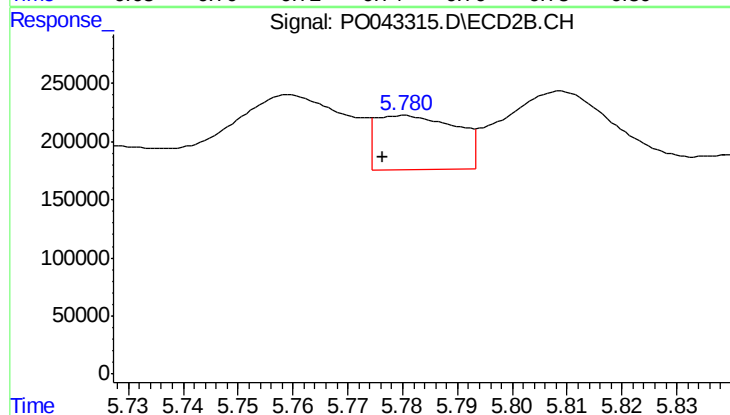
R.T.: 6.166 min
Delta R.T.: -0.013 min
Response: 1004243
Conc: 67.72 ng/ml



#31 AR-1260-1

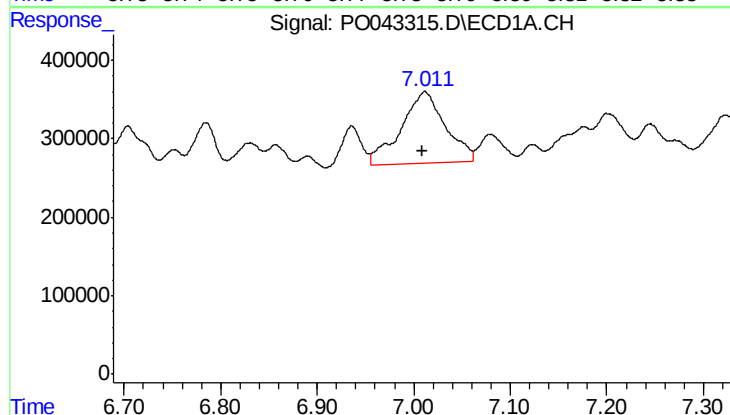
R.T.: 6.752 min
Delta R.T.: -0.006 min
Response: 318425
Conc: 22.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
B461363



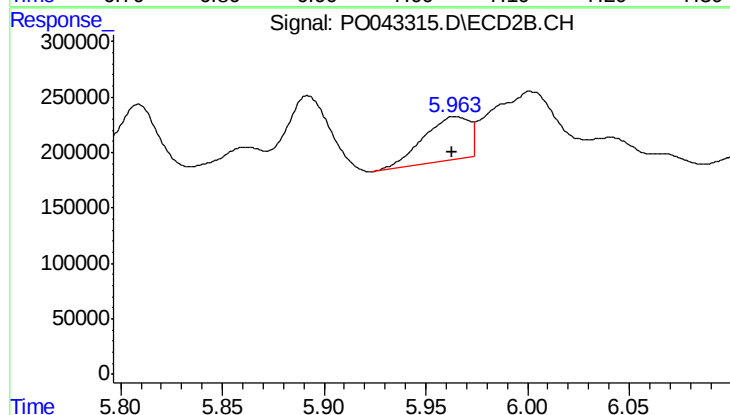
#31 AR-1260-1

R.T.: 5.780 min
Delta R.T.: 0.004 min
Response: 481034
Conc: 21.47 ng/ml



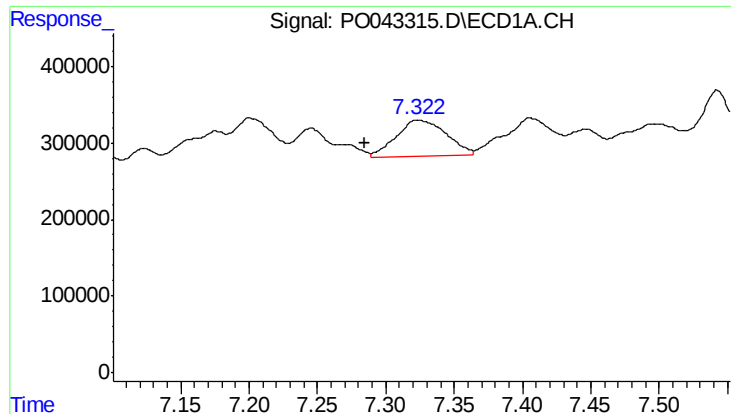
#32 AR-1260-2

R.T.: 7.012 min
Delta R.T.: 0.003 min
Response: 2950999
Conc: 162.51 ng/ml



#32 AR-1260-2

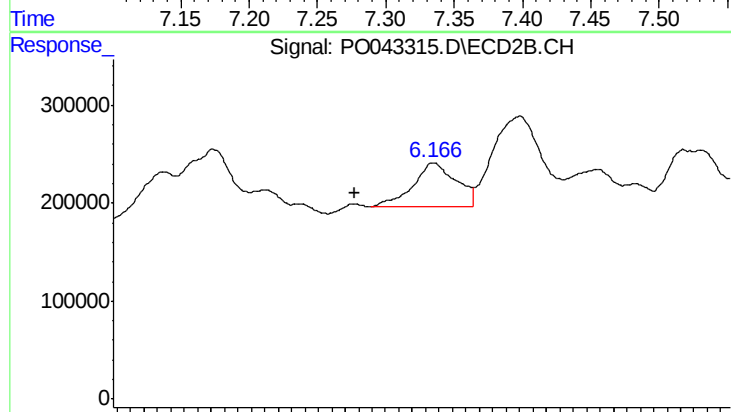
R.T.: 5.965 min
Delta R.T.: 0.002 min
Response: 623100
Conc: 19.28 ng/ml



#33 AR-1260-3

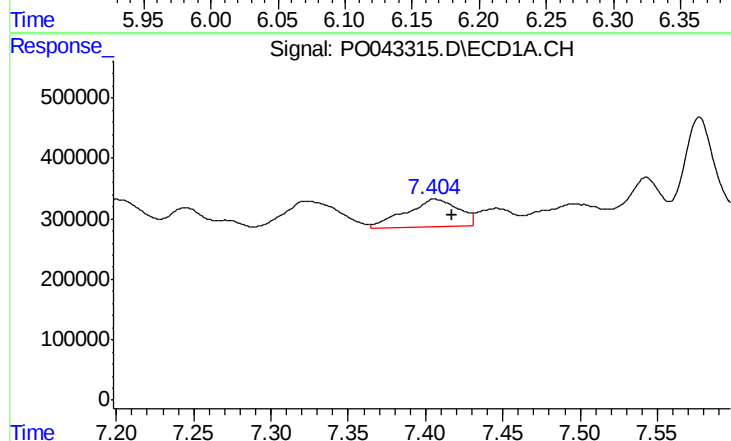
R.T.: 7.324 min
Delta R.T.: 0.039 min
Response: 1184511
Conc: 58.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
B461363



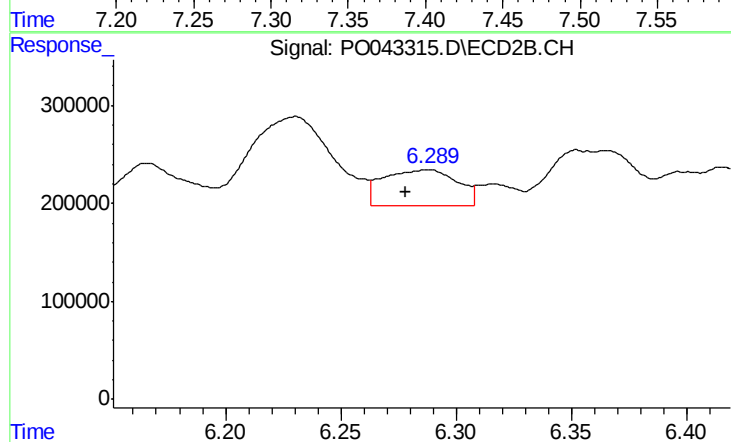
#33 AR-1260-3

R.T.: 6.166 min
Delta R.T.: 0.059 min
Response: 1004243
Conc: 38.27 ng/ml



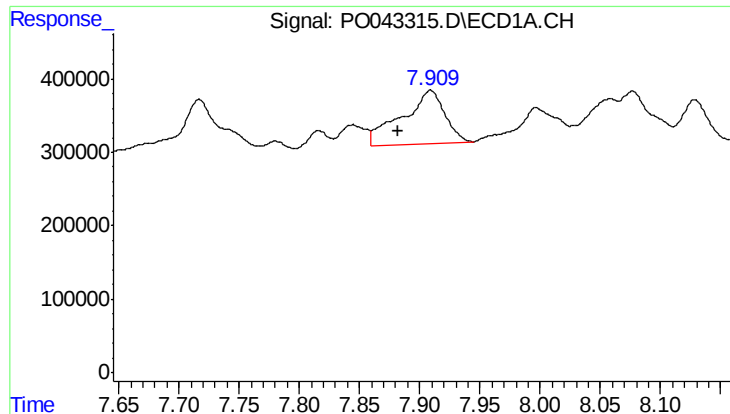
#34 AR-1260-4

R.T.: 7.406 min
Delta R.T.: -0.011 min
Response: 1091778
Conc: 148.92 ng/ml



#34 AR-1260-4

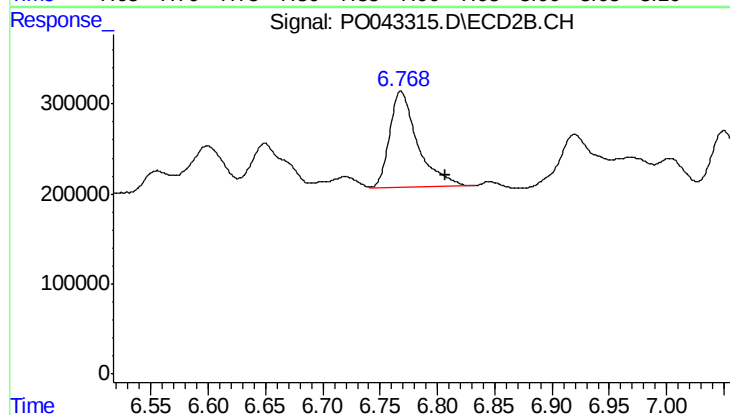
R.T.: 6.289 min
Delta R.T.: 0.010 min
Response: 813520
Conc: 26.51 ng/ml



#35 AR-1260-5

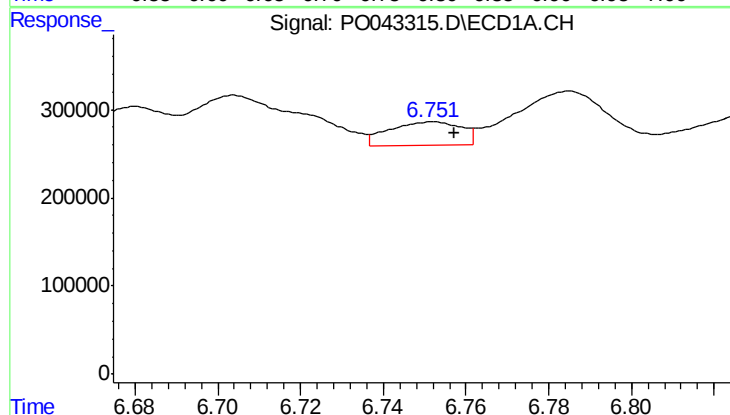
R.T.: 7.909 min
Delta R.T.: 0.027 min
Response: 1799517
Conc: 59.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
B461363



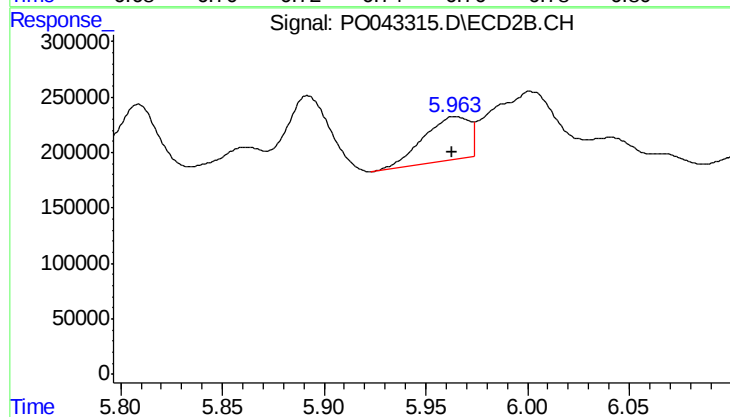
#35 AR-1260-5

R.T.: 6.768 min
Delta R.T.: -0.039 min
Response: 1809125
Conc: 31.08 ng/ml



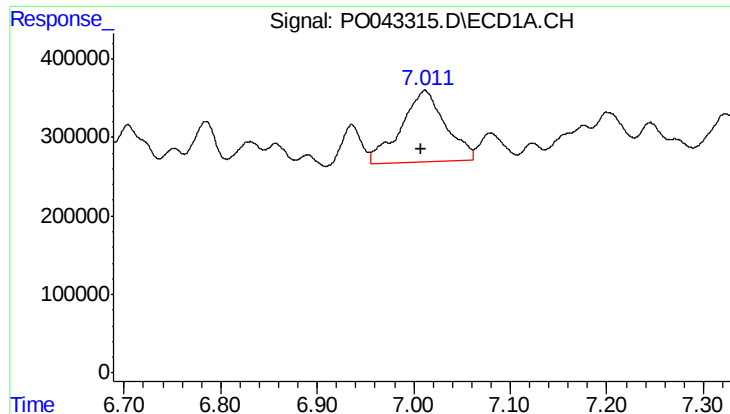
#36 AR-1262-1

R.T.: 6.752 min
Delta R.T.: -0.006 min
Response: 318425
Conc: 29.96 ng/ml



#36 AR-1262-1

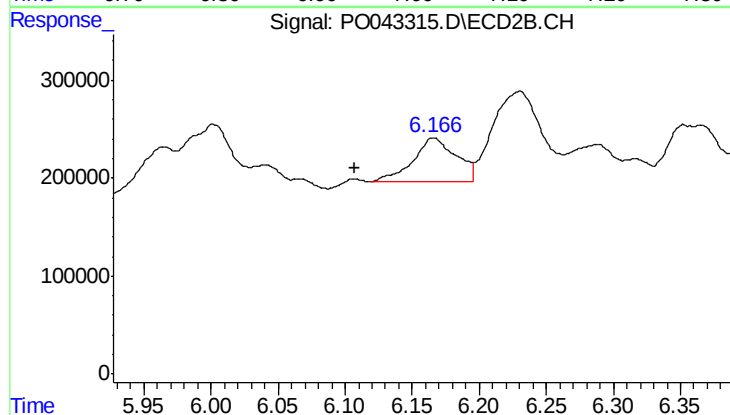
R.T.: 5.965 min
Delta R.T.: 0.002 min
Response: 623100
Conc: 27.14 ng/ml



#37 AR-1262-2

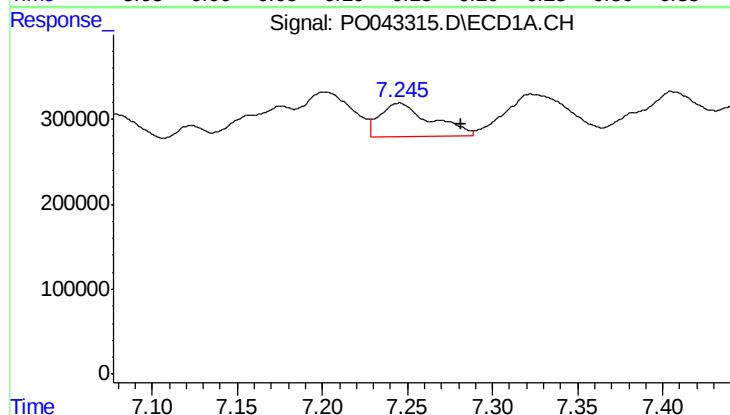
R.T.: 7.012 min
Delta R.T.: 0.004 min
Response: 2950999
Conc: 219.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
B461363



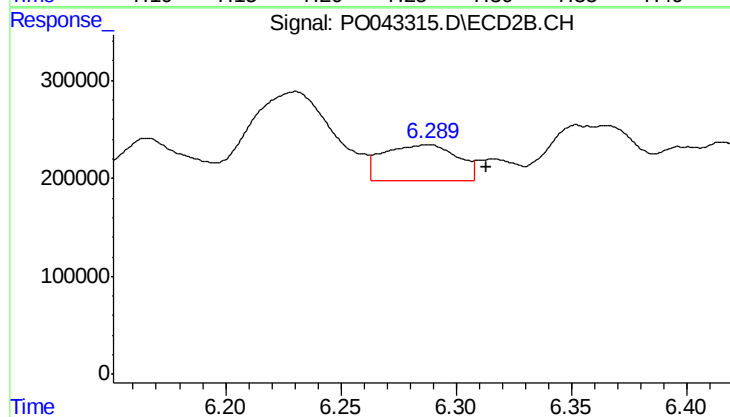
#37 AR-1262-2

R.T.: 6.166 min
Delta R.T.: 0.059 min
Response: 1004243
Conc: 48.03 ng/ml



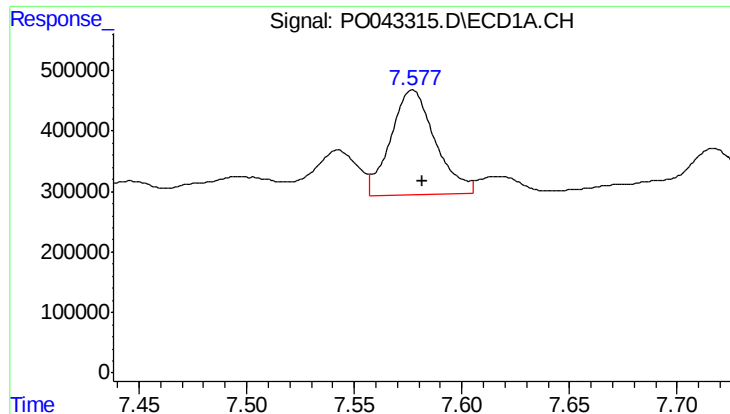
#38 AR-1262-3

R.T.: 7.245 min
Delta R.T.: -0.036 min
Response: 821478
Conc: 65.85 ng/ml



#38 AR-1262-3

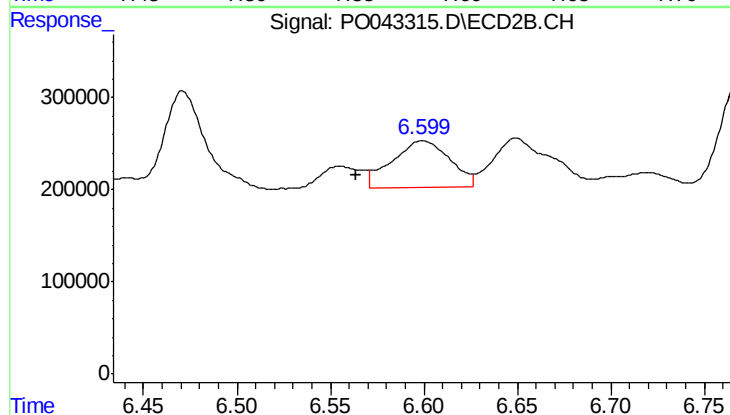
R.T.: 6.289 min
Delta R.T.: -0.025 min
Response: 813520
Conc: 21.88 ng/ml



#39 AR-1262-4

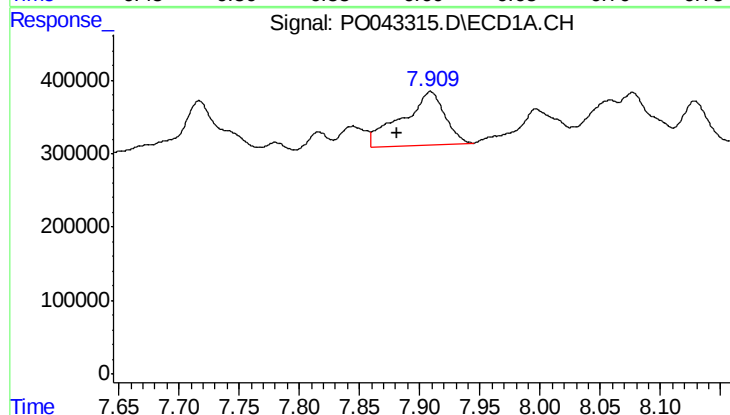
R.T.: 7.577 min
Delta R.T.: -0.005 min
Response: 2500822
Conc: 149.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
B461363



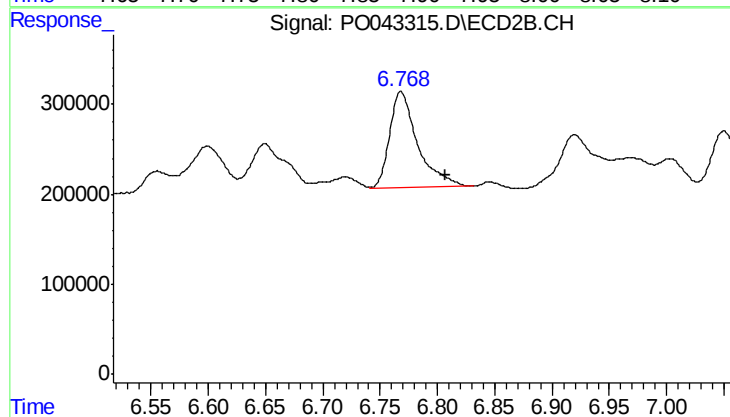
#39 AR-1262-4

R.T.: 6.599 min
Delta R.T.: 0.036 min
Response: 1084771
Conc: 37.51 ng/ml



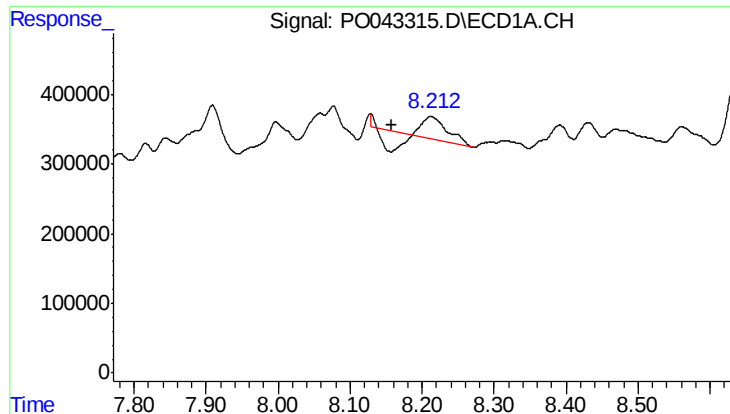
#40 AR-1262-5

R.T.: 7.909 min
Delta R.T.: 0.027 min
Response: 1799517
Conc: 52.88 ng/ml



#40 AR-1262-5

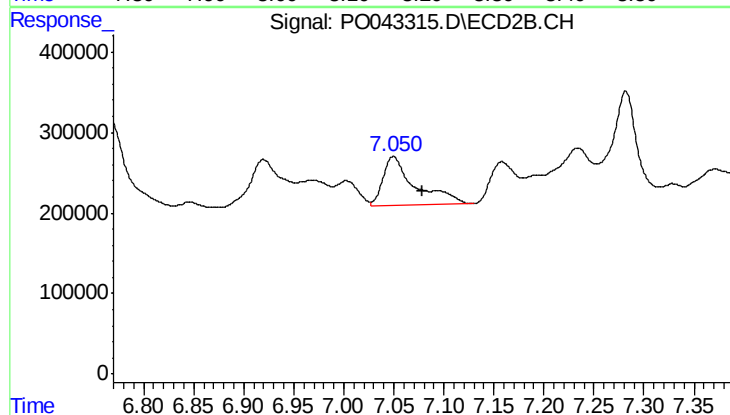
R.T.: 6.768 min
Delta R.T.: -0.039 min
Response: 1809125
Conc: 28.38 ng/ml



#41 AR-1268-1

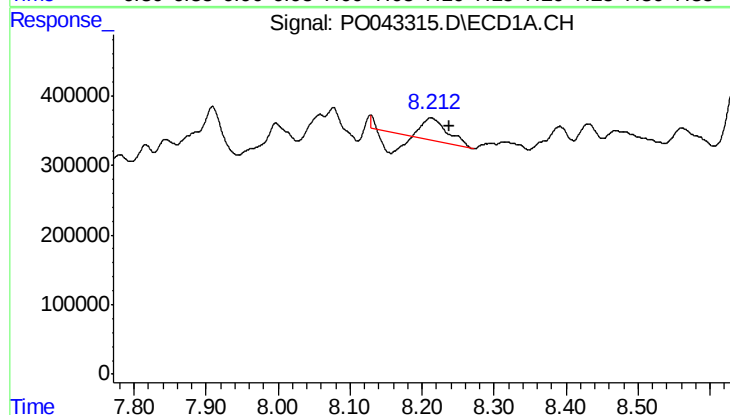
R.T.: 8.212 min
Delta R.T.: 0.055 min
Response: 380849
Conc: 7.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
B461363



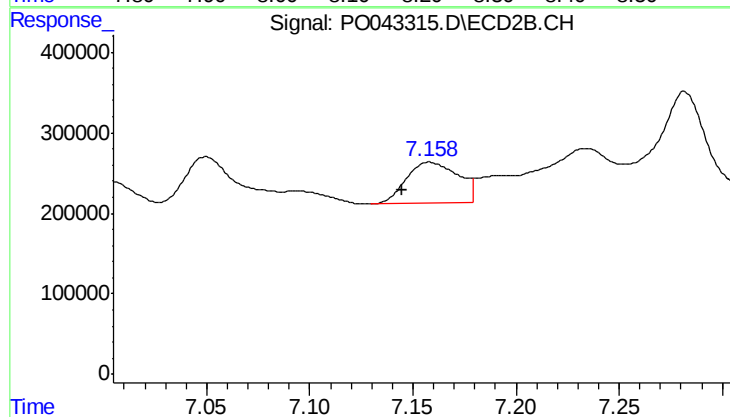
#41 AR-1268-1

R.T.: 7.050 min
Delta R.T.: -0.029 min
Response: 1354068
Conc: 14.07 ng/ml



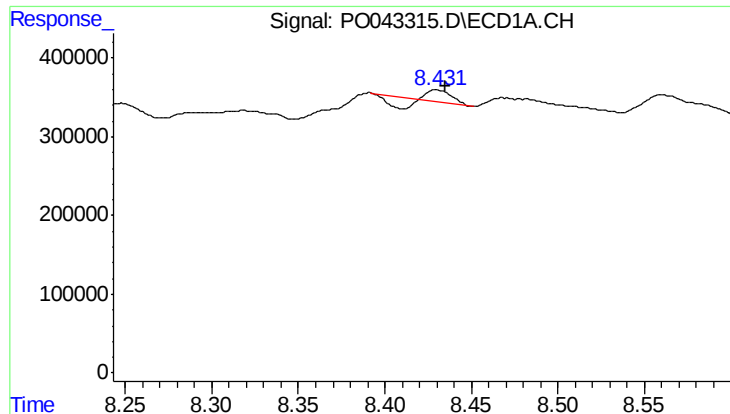
#42 AR-1268-2

R.T.: 8.212 min
Delta R.T.: -0.026 min
Response: 380849
Conc: 8.21 ng/ml



#42 AR-1268-2

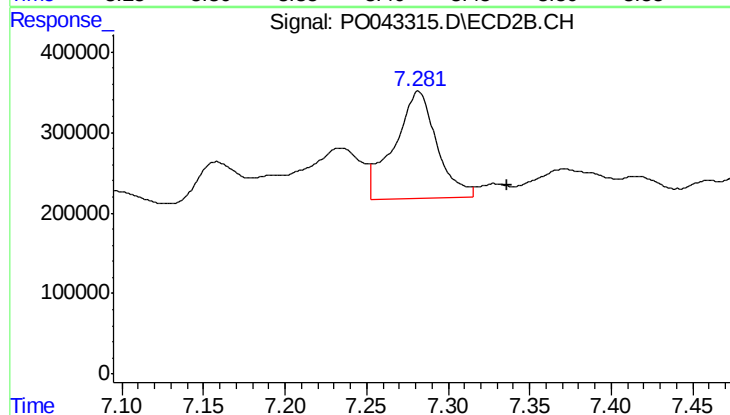
R.T.: 7.158 min
Delta R.T.: 0.014 min
Response: 895050
Conc: 10.28 ng/ml



#43 AR-1268-3

R.T.: 8.430 min
Delta R.T.: -0.005 min
Response: 15007
Conc: 0.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
B461363



#43 AR-1268-3

R.T.: 7.282 min
Delta R.T.: -0.054 min
Response: 2408720
Conc: 32.73 ng/ml