

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0111723\
 Data File : P0099915.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Nov 2023 12:36
 Operator : YP/AJ
 Sample : 05448-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 17 21:38:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0111323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 14 04:21:47 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	4.489	3.715	42968041	28501492	25.126	24.129
2) SA Decachlor...	10.371	8.813	26467059	23916810	28.347	24.367
Target Compounds						
3) L1 AR-1016-1	5.673	4.827	6153763	4736099	139.095	177.797 #
4) L1 AR-1016-2	5.698	4.854	9664262	1048517	141.553	28.276 #
5) L1 AR-1016-3	5.767	5.016	8743646	624980	191.305	31.653 #
6) L1 AR-1016-4	5.862	5.068	4165842	2337415	120.685	138.684
7) L1 AR-1016-5	6.144	5.268	3166506	585323	94.889	29.352 #
8) L2 AR-1221-1	4.676	3.941	2209601	1245347	105.233	82.475
9) L2 AR-1221-2	4.800	4.008	1502303	2087560	97.804	197.555 #
10) L2 AR-1221-3	4.879	4.075	1025869	52298	22.776	1.717 #
11) L3 AR-1232-1	4.879	4.075	1025869	52298	27.770	2.041 #
12) L3 AR-1232-2	5.405	4.854	8965427	1048517	486.948	58.858 #
13) L3 AR-1232-3	5.698	5.016	9664262	624980	306.183	68.179 #
14) L3 AR-1232-4	5.862	5.120	4165842	2666887	272.487	312.798
15) L3 AR-1232-5	5.958	5.268	2246774	585323	174.794	63.792 #
16) L4 AR-1242-1	5.673	4.827	6153763	4736099	167.976	206.161
17) L4 AR-1242-2	5.698	4.854	9664262	1048517	170.622	33.377 #
18) L4 AR-1242-3	5.767	5.016	8743646	624980	230.739	37.344 #
19) L4 AR-1242-4	5.862	5.120	4165842	2666887	145.254	154.339
20) L4 AR-1242-5	6.617	5.639	1414093	3050526	57.535	153.334 #
21) L5 AR-1248-1	5.673	4.827	6153763	4736099	228.996	270.681
22) L5 AR-1248-2	5.958	5.068	2246774	2337415	52.888	97.247 #
23) L5 AR-1248-3	6.144	5.120	3166506	2666887	68.821	107.947 #
24) L5 AR-1248-4	6.578	5.268	2256915	585323	54.409	20.732 #
25) L5 AR-1248-5	6.617	5.687	1414093	2090381	34.695	82.255 #
26) L6 AR-1254-1	6.540	5.639	1727789	3050526	35.685	73.663 #
27) L6 AR-1254-2	6.762	5.783	4117663	1351506	58.353	35.588 #
28) L6 AR-1254-3	7.140	6.209	2900691	3107429	42.729	48.063
29) L6 AR-1254-4	7.423	6.421	378231	253267	9.542	7.391
30) L6 AR-1254-5	7.844	6.843	3684382	2836796	75.028	46.252 #
31) L7 AR-1260-1	7.297	6.323	2282230	1905659	40.902	39.586
32) L7 AR-1260-2	7.553	6.511	6382550	2238499	105.800	39.471 #
33) L7 AR-1260-3	7.923	6.669	2313800	1674238	55.358	30.287 #
34) L7 AR-1260-4	8.152	7.144	3571883	2183723	72.531	49.552 #
35) L7 AR-1260-5	8.480	7.387	2882686	3903413	34.356	39.276
36) L8 AR-1262-1	7.844	6.843	3684382	2836796	82.220	87.183
37) L8 AR-1262-2	8.480	7.144	2882686	2183723	27.981	33.408
38) L8 AR-1262-3	8.815	7.673	2025458	578648	27.610	11.256 #
39) L8 AR-1262-4	8.898	7.737	2032968	3198366	35.062	35.892
40) L8 AR-1262-5	9.580	8.239	1076249	1218453	32.879	31.262
41) L9 AR-1268-1	8.815	7.673	2025458	578648	15.234	4.045 #

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 Quant Time: Nov 17 21:38:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0111323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 14 04:21:47 2023
 Response via : Initial Calibration
 Integrator: ChemStation

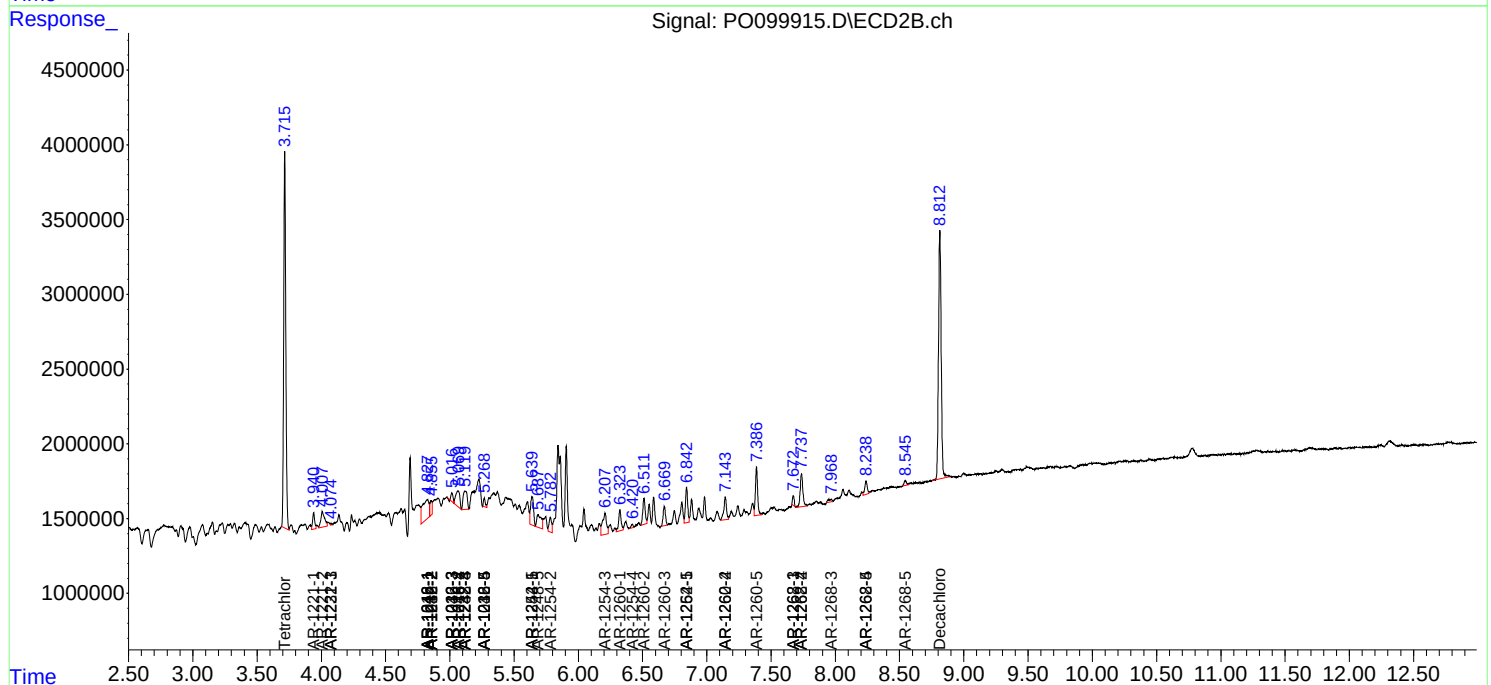
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

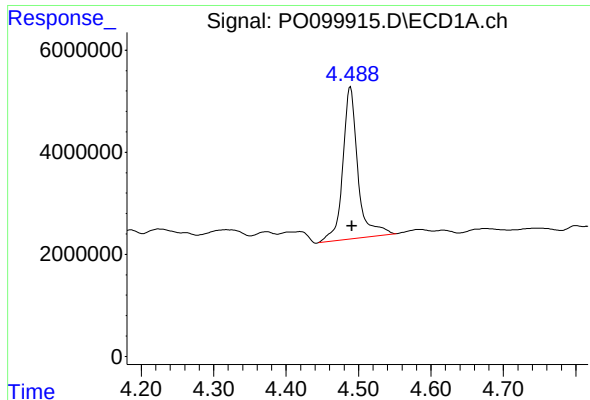
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.898	7.737	2032968	3198366	17.718	24.558 #
43) L9	AR-1268-3	9.134	7.969	69139	352395	0.635	2.896 #
44) L9	AR-1268-4	9.580	8.239	1076249	1218453	30.814	28.264
45) L9	AR-1268-5	10.017	8.545	980706	448505	3.065	1.290 #

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

Instrument :
ECD_O
ClientSampleId :

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

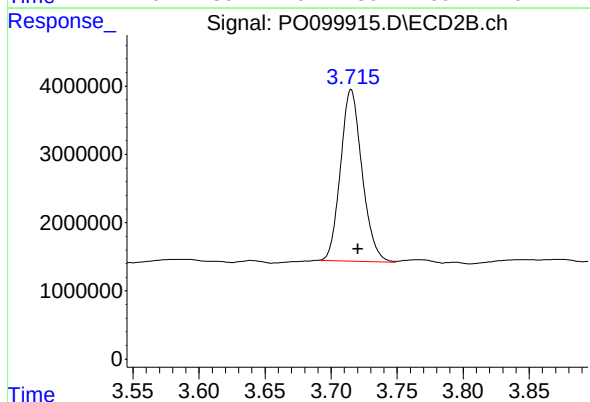




#1 Tetrachloro-m-xylene

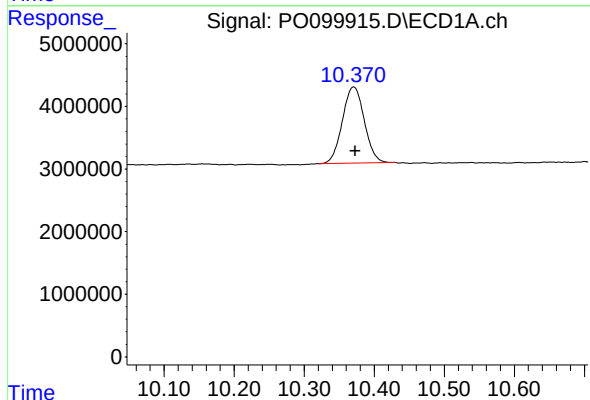
R.T.: 4.489 min
Delta R.T.: -0.002 min
Response: 42968041
Conc: 25.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



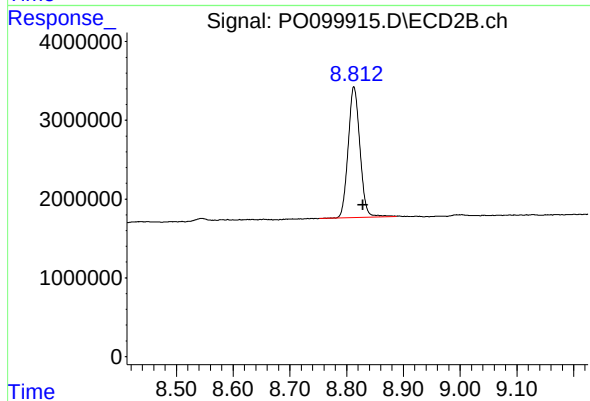
#1 Tetrachloro-m-xylene

R.T.: 3.715 min
Delta R.T.: -0.005 min
Response: 28501492
Conc: 24.13 ng/ml



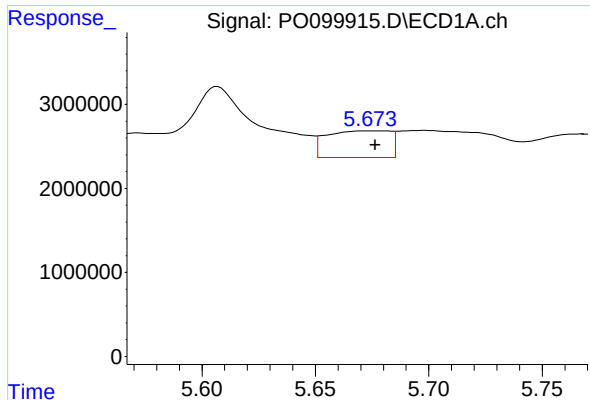
#2 Decachlorobiphenyl

R.T.: 10.371 min
Delta R.T.: -0.002 min
Response: 26467059
Conc: 28.35 ng/ml



#2 Decachlorobiphenyl

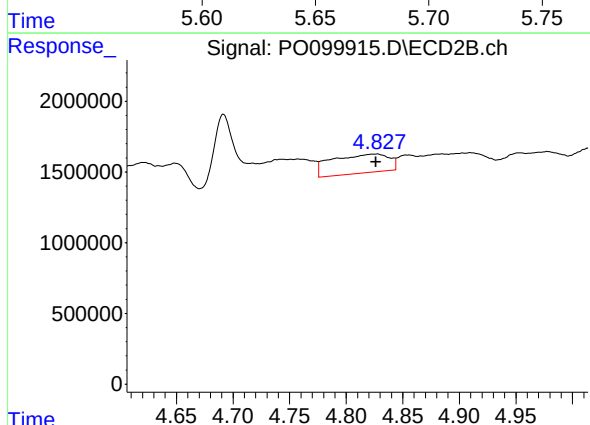
R.T.: 8.813 min
Delta R.T.: -0.016 min
Response: 23916810
Conc: 24.37 ng/ml



#3 AR-1016-1

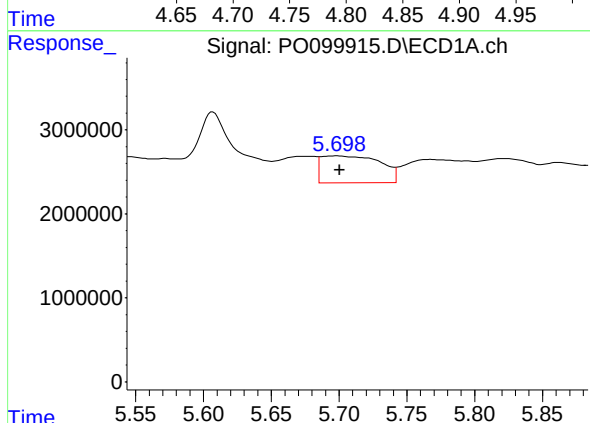
R.T.: 5.673 min
Delta R.T.: -0.004 min
Response: 6153763
Conc: 139.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



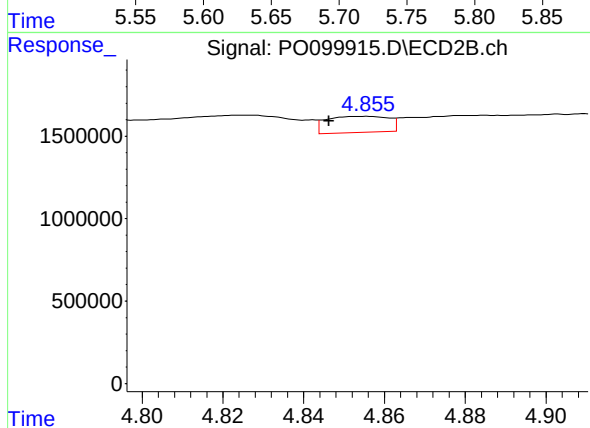
#3 AR-1016-1

R.T.: 4.827 min
Delta R.T.: 0.000 min
Response: 4736099
Conc: 177.80 ng/ml



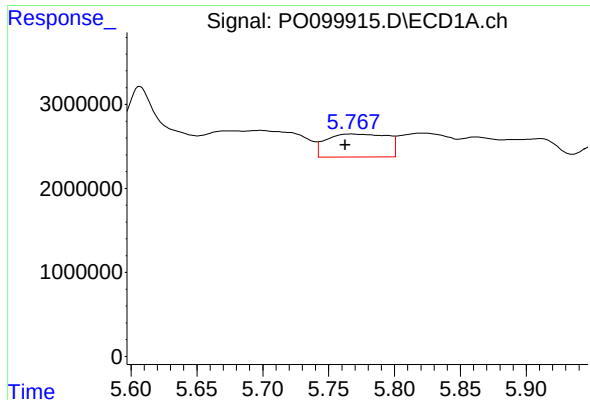
#4 AR-1016-2

R.T.: 5.698 min
Delta R.T.: -0.003 min
Response: 9664262
Conc: 141.55 ng/ml



#4 AR-1016-2

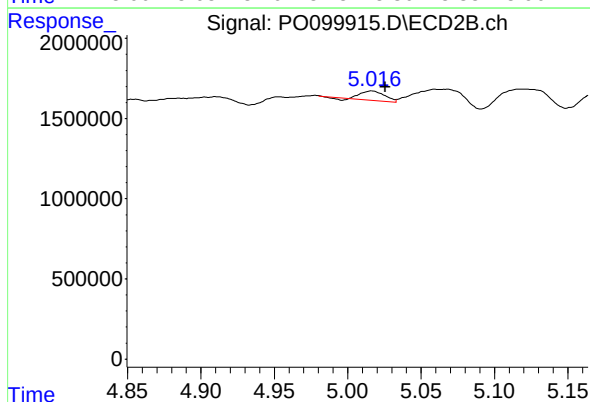
R.T.: 4.854 min
Delta R.T.: 0.008 min
Response: 1048517
Conc: 28.28 ng/ml



#5 AR-1016-3

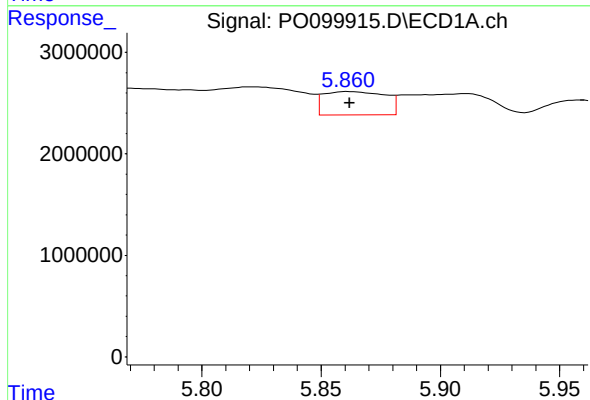
R.T.: 5.767 min
Delta R.T.: 0.004 min
Response: 8743646
Conc: 191.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



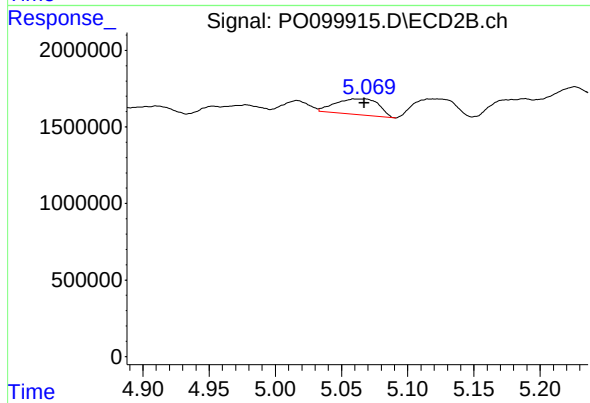
#5 AR-1016-3

R.T.: 5.016 min
Delta R.T.: -0.009 min
Response: 624980
Conc: 31.65 ng/ml



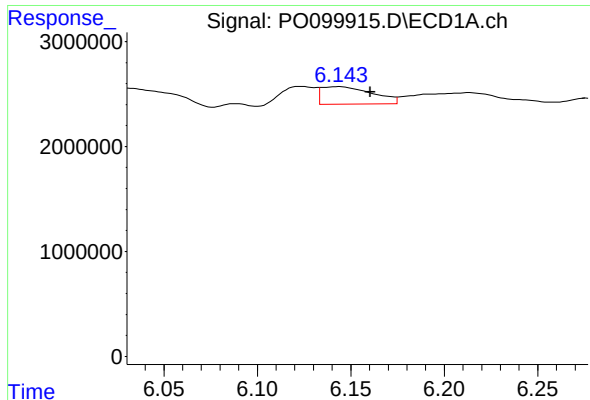
#6 AR-1016-4

R.T.: 5.862 min
Delta R.T.: 0.000 min
Response: 4165842
Conc: 120.69 ng/ml



#6 AR-1016-4

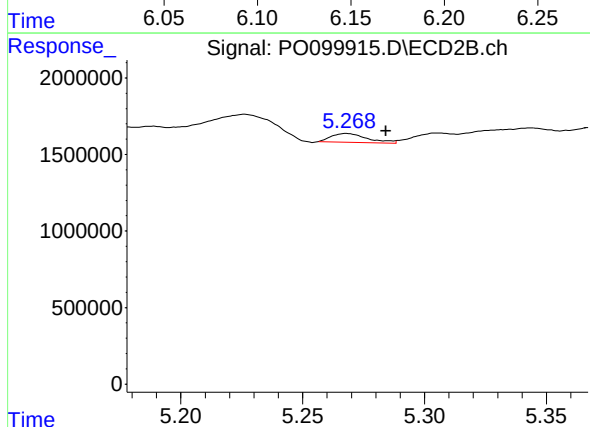
R.T.: 5.068 min
Delta R.T.: 0.000 min
Response: 2337415
Conc: 138.68 ng/ml



#7 AR-1016-5

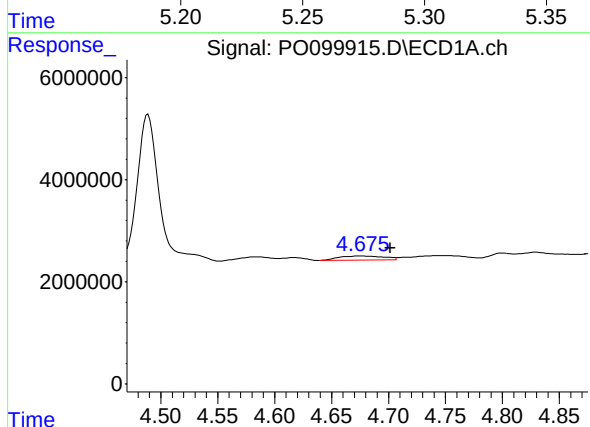
R.T.: 6.144 min
Delta R.T.: -0.017 min
Response: 3166506
Conc: 94.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



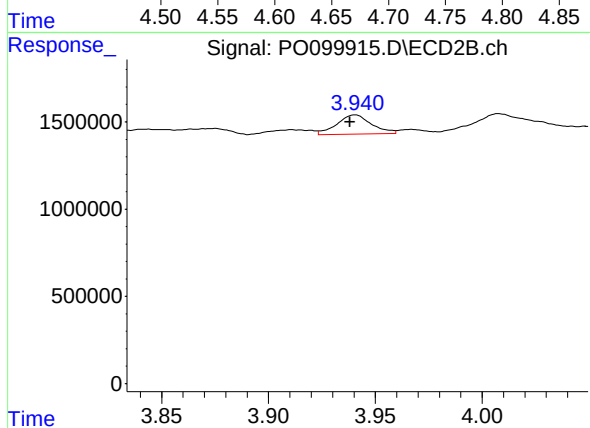
#7 AR-1016-5

R.T.: 5.268 min
Delta R.T.: -0.016 min
Response: 585323
Conc: 29.35 ng/ml



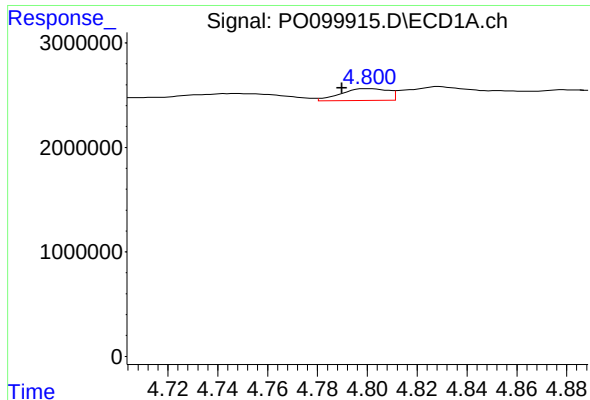
#8 AR-1221-1

R.T.: 4.676 min
Delta R.T.: -0.026 min
Response: 2209601
Conc: 105.23 ng/ml



#8 AR-1221-1

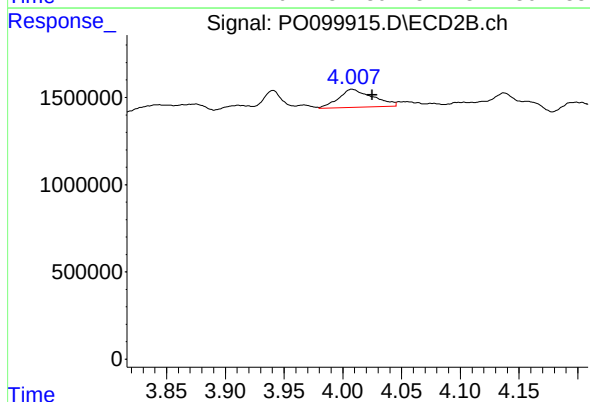
R.T.: 3.941 min
Delta R.T.: 0.002 min
Response: 1245347
Conc: 82.47 ng/ml



#9 AR-1221-2

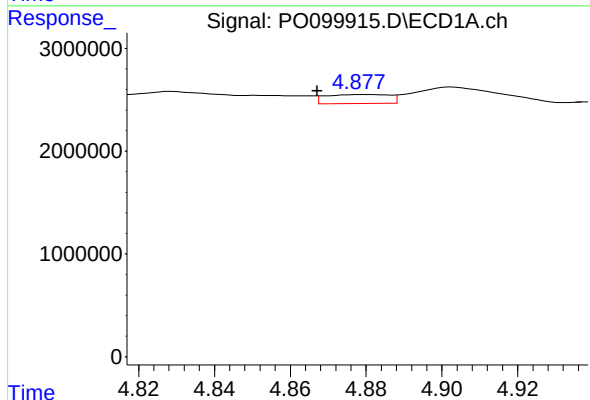
R.T.: 4.800 min
Delta R.T.: 0.011 min
Response: 1502303
Conc: 97.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



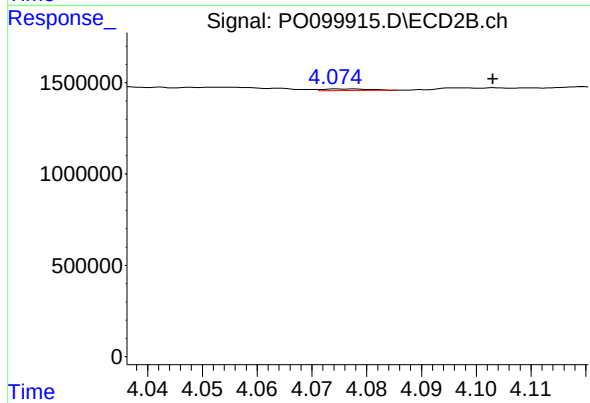
#9 AR-1221-2

R.T.: 4.008 min
Delta R.T.: -0.017 min
Response: 2087560
Conc: 197.56 ng/ml



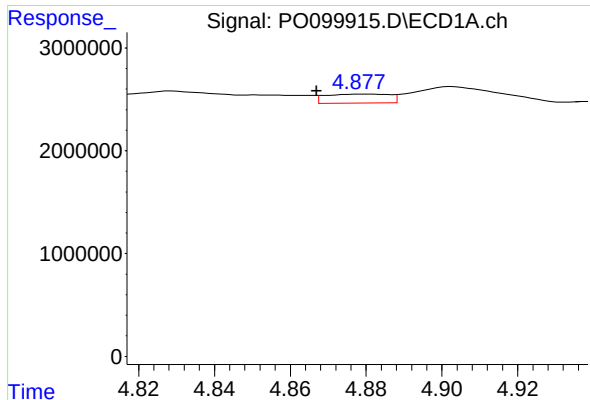
#10 AR-1221-3

R.T.: 4.879 min
Delta R.T.: 0.012 min
Response: 1025869
Conc: 22.78 ng/ml



#10 AR-1221-3

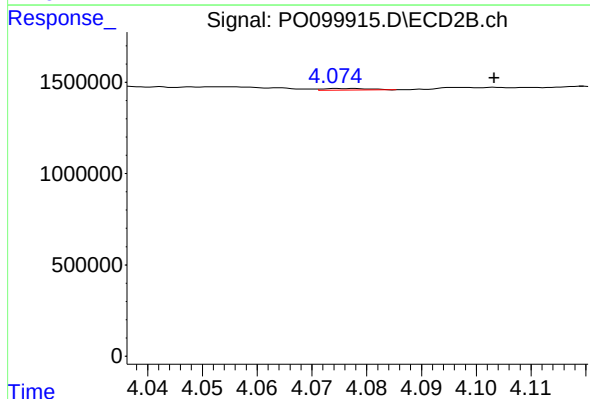
R.T.: 4.075 min
Delta R.T.: -0.028 min
Response: 52298
Conc: 1.72 ng/ml



#11 AR-1232-1

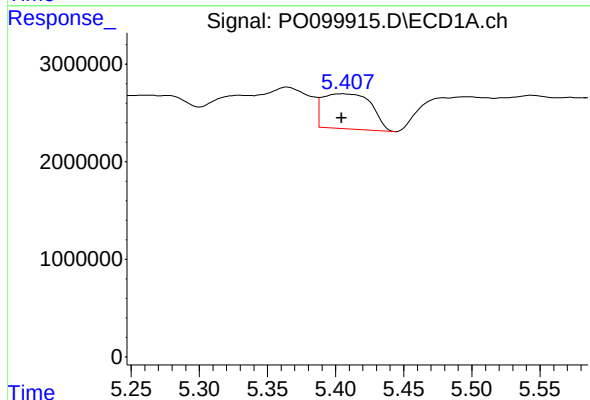
R.T.: 4.879 min
Delta R.T.: 0.012 min
Response: 1025869
Conc: 27.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



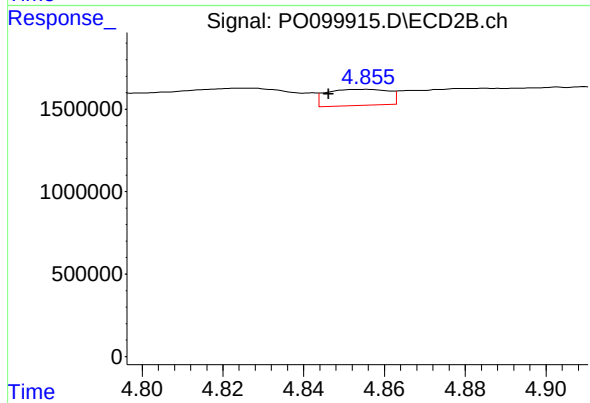
#11 AR-1232-1

R.T.: 4.075 min
Delta R.T.: -0.028 min
Response: 52298
Conc: 2.04 ng/ml



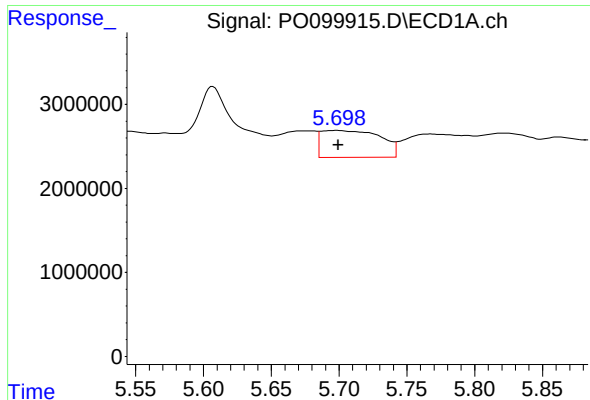
#12 AR-1232-2

R.T.: 5.405 min
Delta R.T.: 0.000 min
Response: 8965427
Conc: 486.95 ng/ml



#12 AR-1232-2

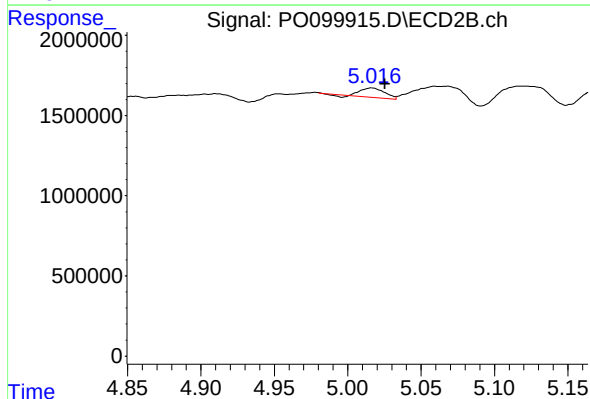
R.T.: 4.854 min
Delta R.T.: 0.008 min
Response: 1048517
Conc: 58.86 ng/ml



#13 AR-1232-3

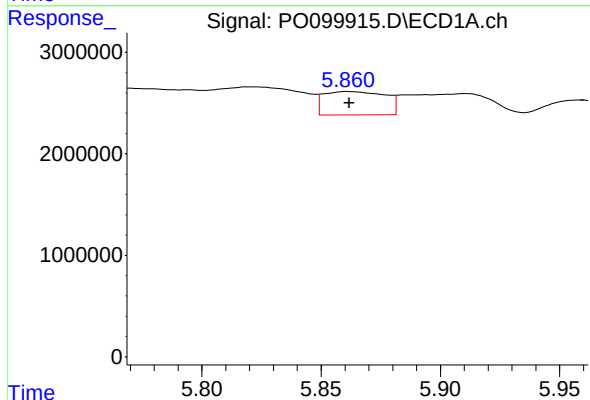
R.T.: 5.698 min
Delta R.T.: -0.002 min
Response: 9664262
Conc: 306.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



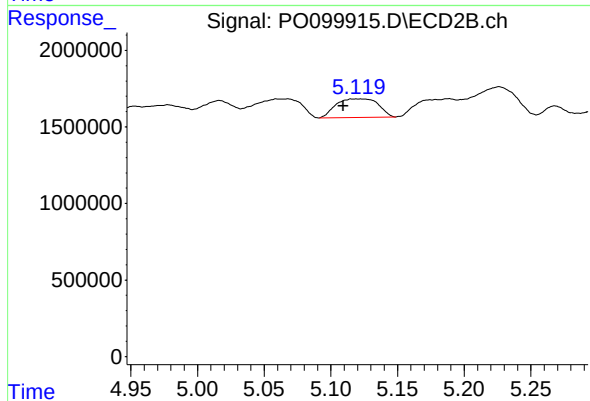
#13 AR-1232-3

R.T.: 5.016 min
Delta R.T.: -0.009 min
Response: 624980
Conc: 68.18 ng/ml



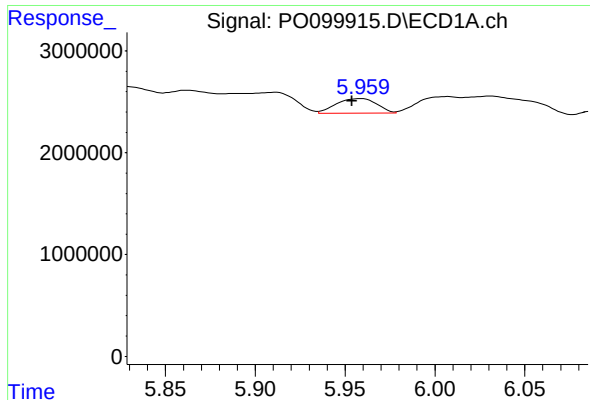
#14 AR-1232-4

R.T.: 5.862 min
Delta R.T.: 0.000 min
Response: 4165842
Conc: 272.49 ng/ml



#14 AR-1232-4

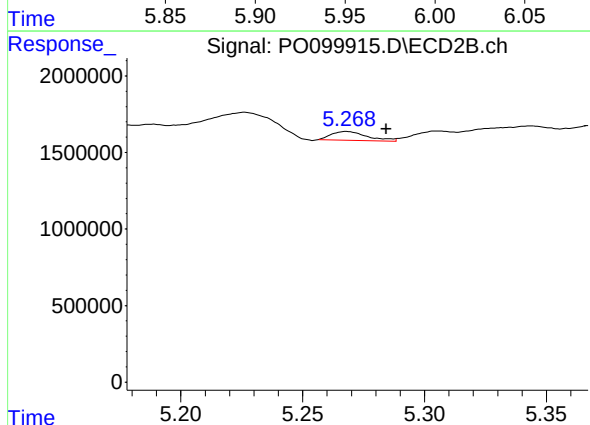
R.T.: 5.120 min
Delta R.T.: 0.010 min
Response: 2666887
Conc: 312.80 ng/ml



#15 AR-1232-5

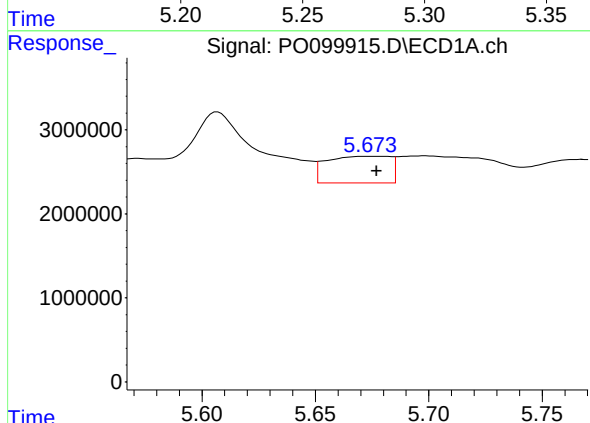
R.T.: 5.958 min
Delta R.T.: 0.005 min
Response: 2246774
Conc: 174.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



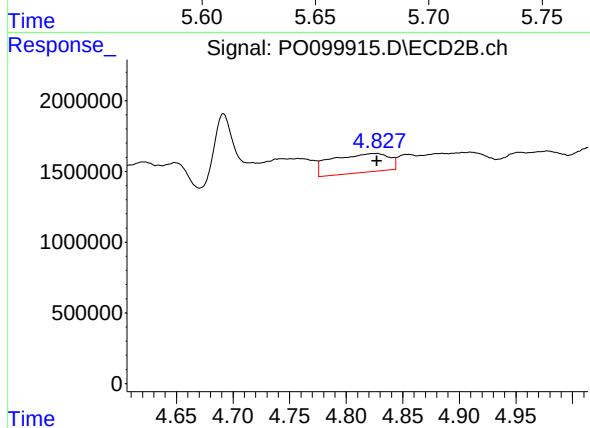
#15 AR-1232-5

R.T.: 5.268 min
Delta R.T.: -0.016 min
Response: 585323
Conc: 63.79 ng/ml



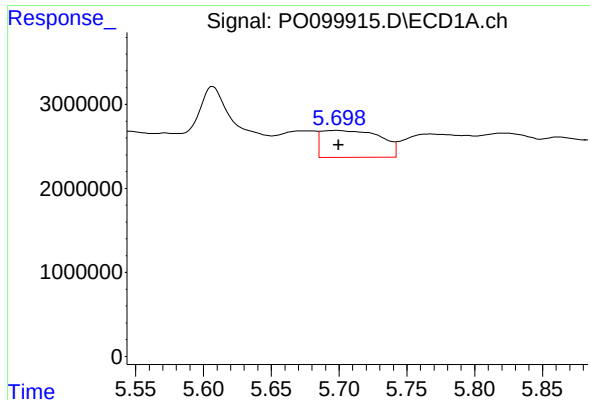
#16 AR-1242-1

R.T.: 5.673 min
Delta R.T.: -0.004 min
Response: 6153763
Conc: 167.98 ng/ml



#16 AR-1242-1

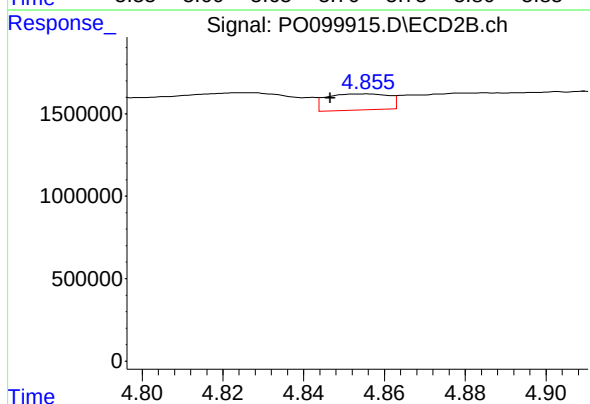
R.T.: 4.827 min
Delta R.T.: 0.000 min
Response: 4736099
Conc: 206.16 ng/ml



#17 AR-1242-2

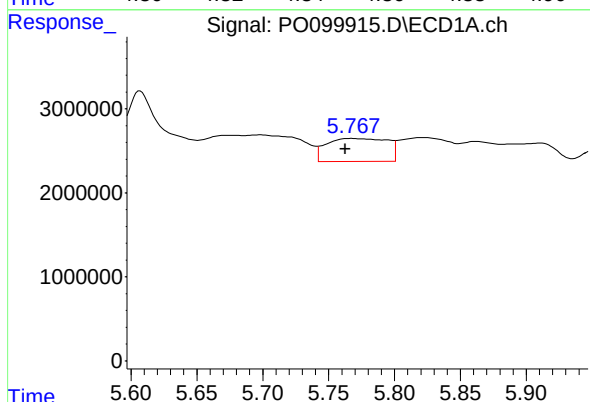
R.T.: 5.698 min
Delta R.T.: -0.002 min
Response: 9664262
Conc: 170.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



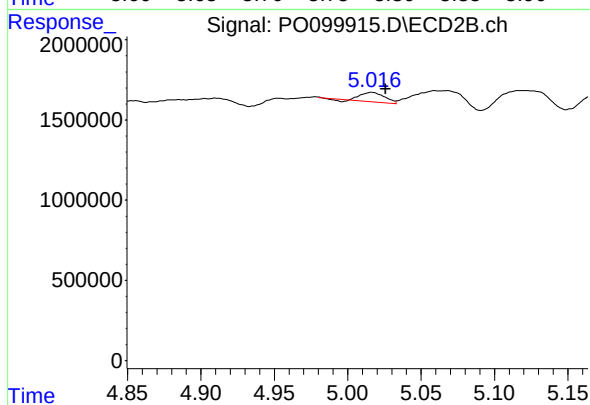
#17 AR-1242-2

R.T.: 4.854 min
Delta R.T.: 0.008 min
Response: 1048517
Conc: 33.38 ng/ml



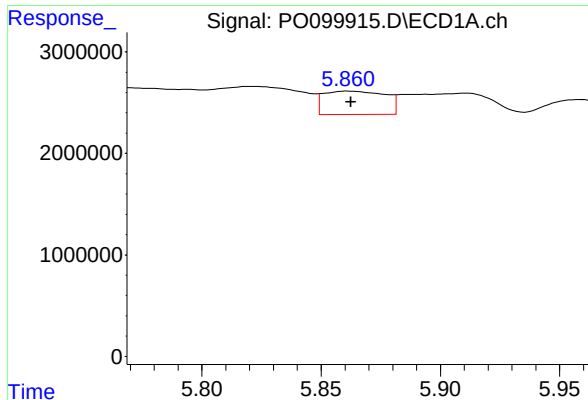
#18 AR-1242-3

R.T.: 5.767 min
Delta R.T.: 0.004 min
Response: 8743646
Conc: 230.74 ng/ml



#18 AR-1242-3

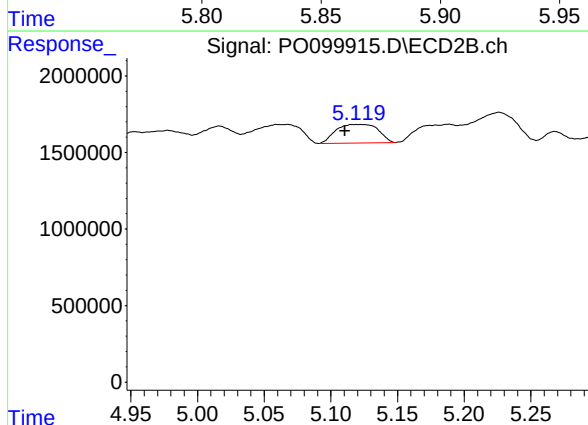
R.T.: 5.016 min
Delta R.T.: -0.009 min
Response: 624980
Conc: 37.34 ng/ml



#19 AR-1242-4

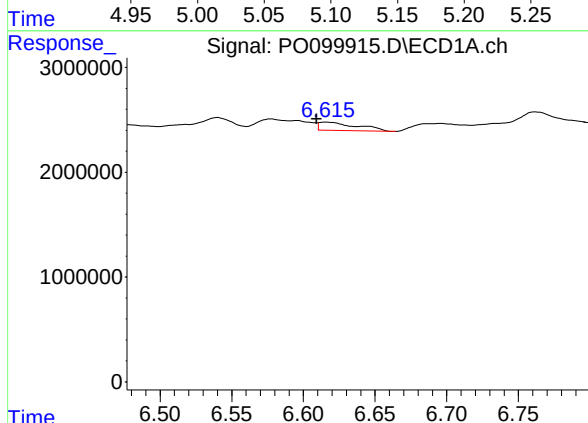
R.T.: 5.862 min
Delta R.T.: 0.000 min
Response: 4165842
Conc: 145.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



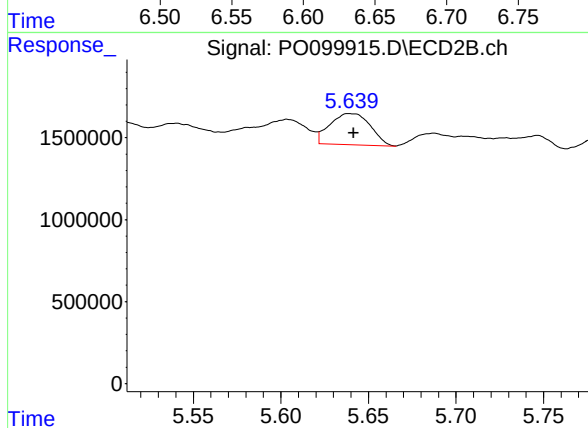
#19 AR-1242-4

R.T.: 5.120 min
Delta R.T.: 0.009 min
Response: 2666887
Conc: 154.34 ng/ml



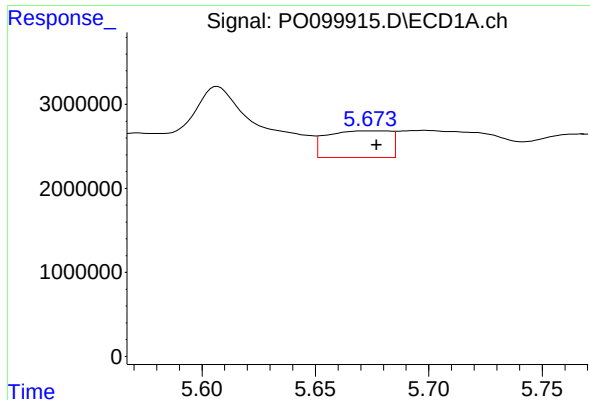
#20 AR-1242-5

R.T.: 6.617 min
Delta R.T.: 0.007 min
Response: 1414093
Conc: 57.53 ng/ml



#20 AR-1242-5

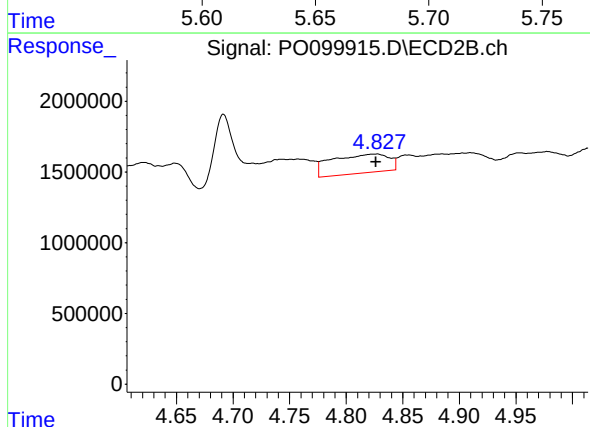
R.T.: 5.639 min
Delta R.T.: -0.002 min
Response: 3050526
Conc: 153.33 ng/ml



#21 AR-1248-1

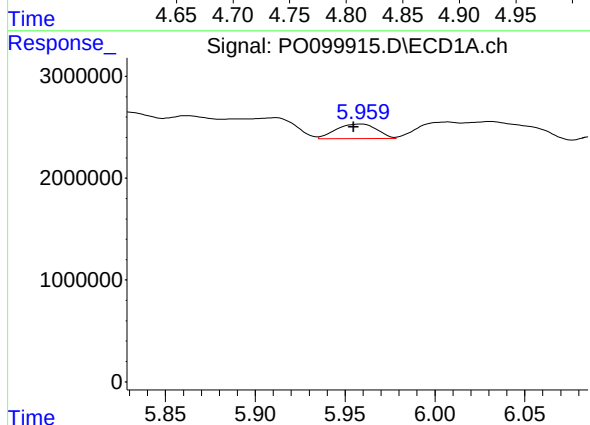
R.T.: 5.673 min
Delta R.T.: -0.004 min
Response: 6153763
Conc: 229.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



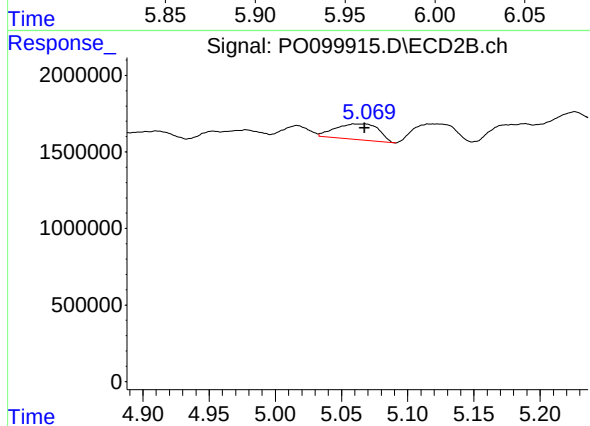
#21 AR-1248-1

R.T.: 4.827 min
Delta R.T.: 0.000 min
Response: 4736099
Conc: 270.68 ng/ml



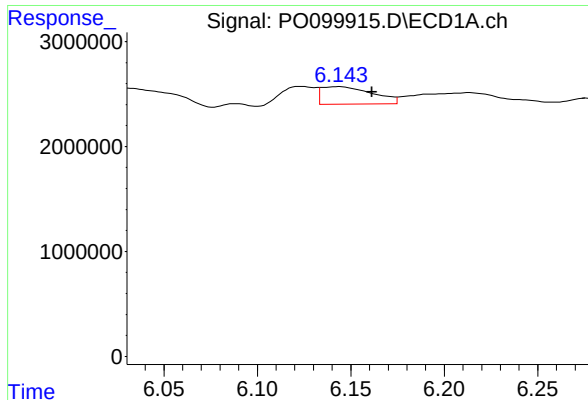
#22 AR-1248-2

R.T.: 5.958 min
Delta R.T.: 0.004 min
Response: 2246774
Conc: 52.89 ng/ml



#22 AR-1248-2

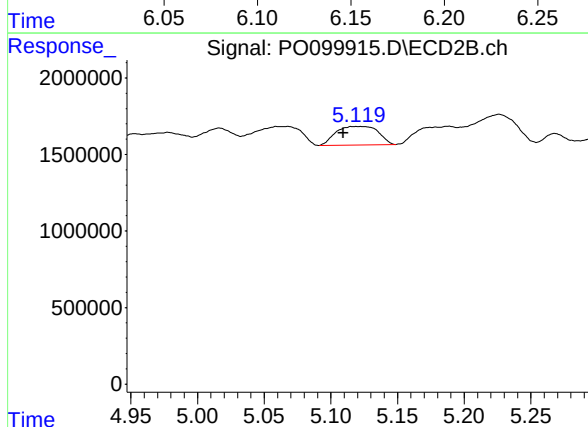
R.T.: 5.068 min
Delta R.T.: 0.000 min
Response: 2337415
Conc: 97.25 ng/ml



#23 AR-1248-3

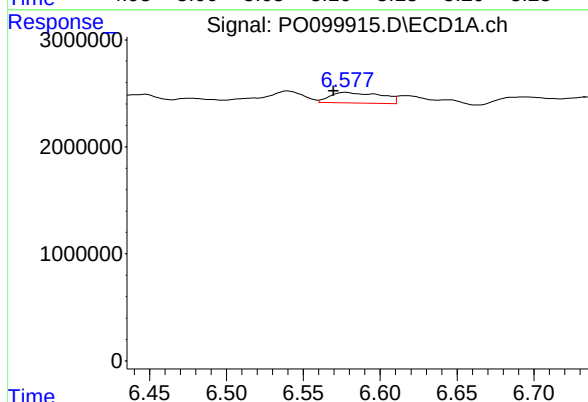
R.T.: 6.144 min
Delta R.T.: -0.018 min
Response: 3166506
Conc: 68.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



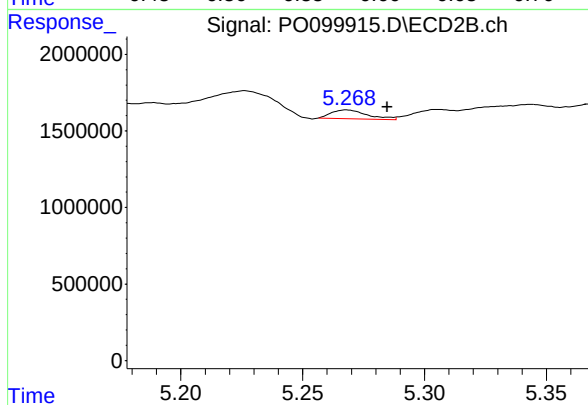
#23 AR-1248-3

R.T.: 5.120 min
Delta R.T.: 0.010 min
Response: 2666887
Conc: 107.95 ng/ml



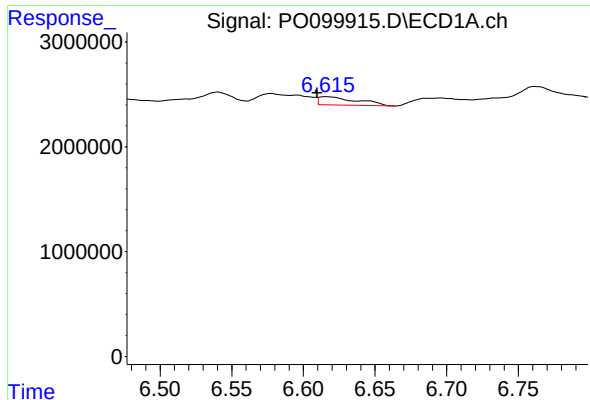
#24 AR-1248-4

R.T.: 6.578 min
Delta R.T.: 0.008 min
Response: 2256915
Conc: 54.41 ng/ml



#24 AR-1248-4

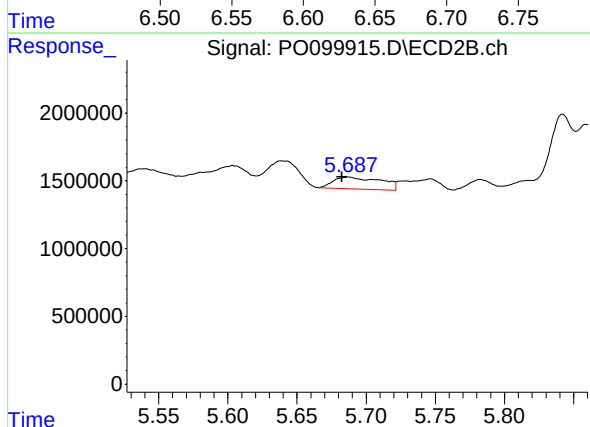
R.T.: 5.268 min
Delta R.T.: -0.016 min
Response: 585323
Conc: 20.73 ng/ml



#25 AR-1248-5

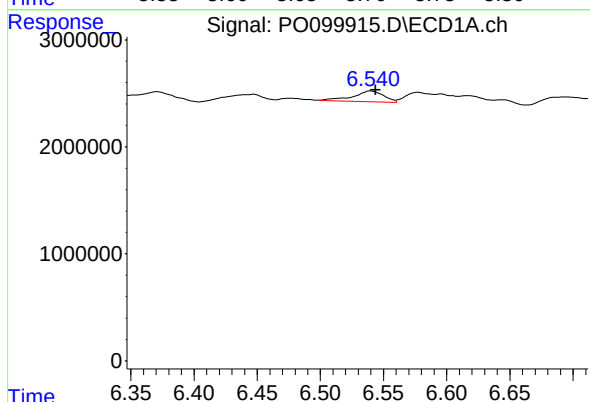
R.T.: 6.617 min
Delta R.T.: 0.007 min
Response: 1414093
Conc: 34.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



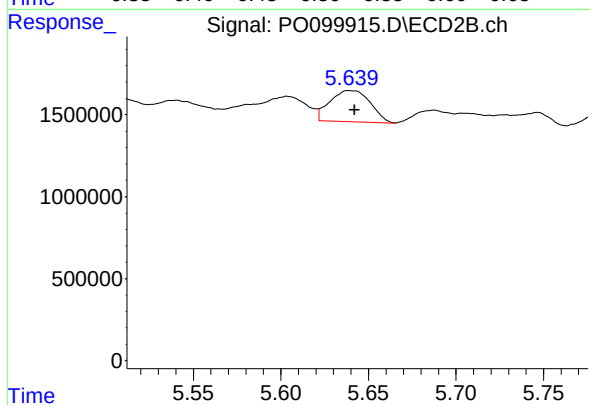
#25 AR-1248-5

R.T.: 5.687 min
Delta R.T.: 0.005 min
Response: 2090381
Conc: 82.26 ng/ml



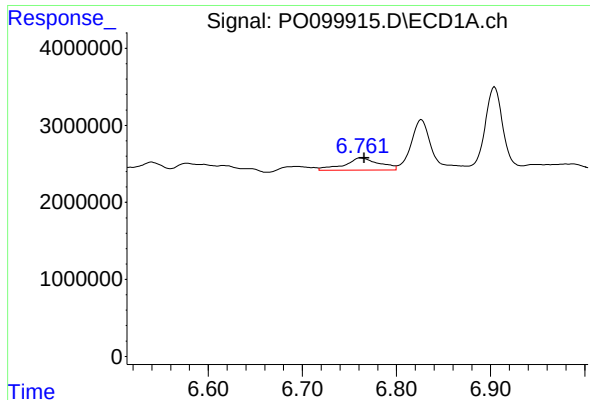
#26 AR-1254-1

R.T.: 6.540 min
Delta R.T.: -0.004 min
Response: 1727789
Conc: 35.69 ng/ml



#26 AR-1254-1

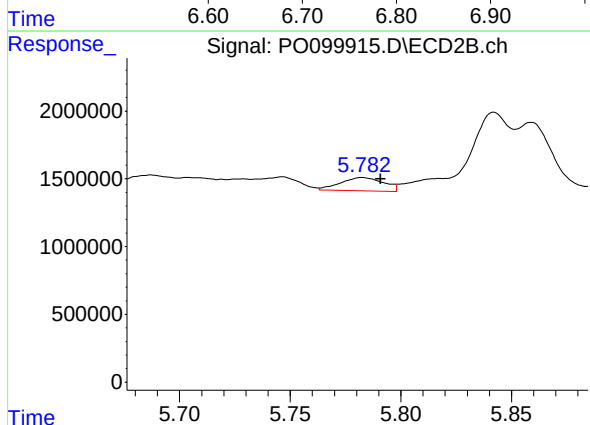
R.T.: 5.639 min
Delta R.T.: -0.003 min
Response: 3050526
Conc: 73.66 ng/ml



#27 AR-1254-2

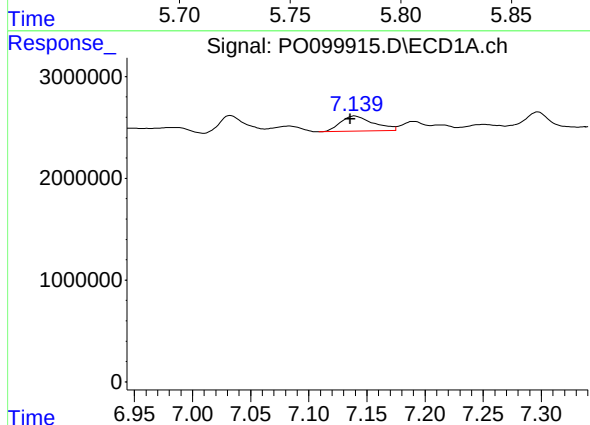
R.T.: 6.762 min
Delta R.T.: -0.003 min
Response: 4117663
Conc: 58.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



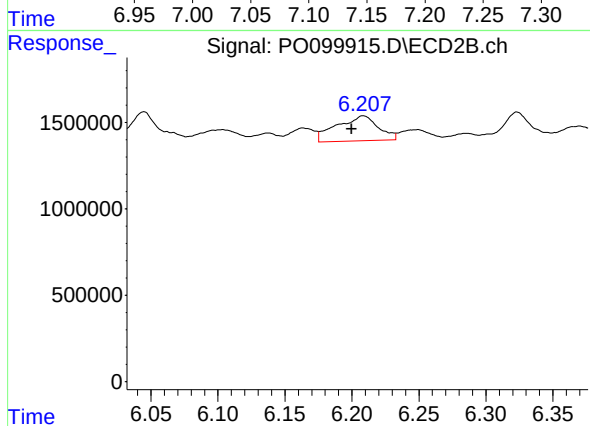
#27 AR-1254-2

R.T.: 5.783 min
Delta R.T.: -0.008 min
Response: 1351506
Conc: 35.59 ng/ml



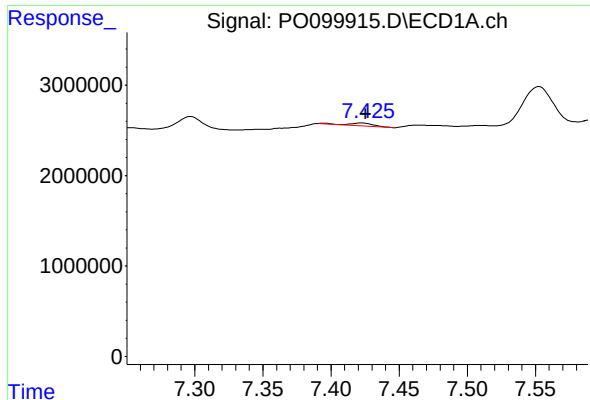
#28 AR-1254-3

R.T.: 7.140 min
Delta R.T.: 0.004 min
Response: 2900691
Conc: 42.73 ng/ml



#28 AR-1254-3

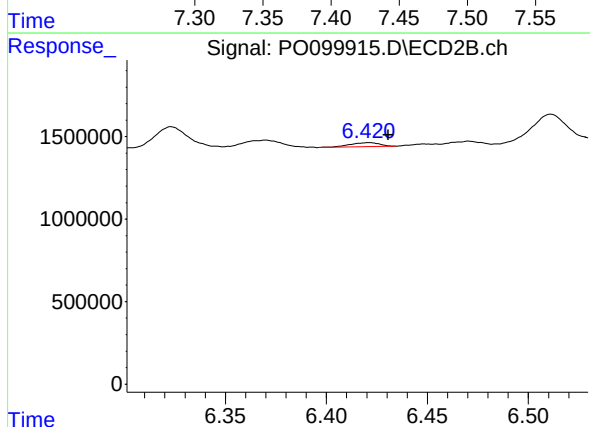
R.T.: 6.209 min
Delta R.T.: 0.009 min
Response: 3107429
Conc: 48.06 ng/ml



#29 AR-1254-4

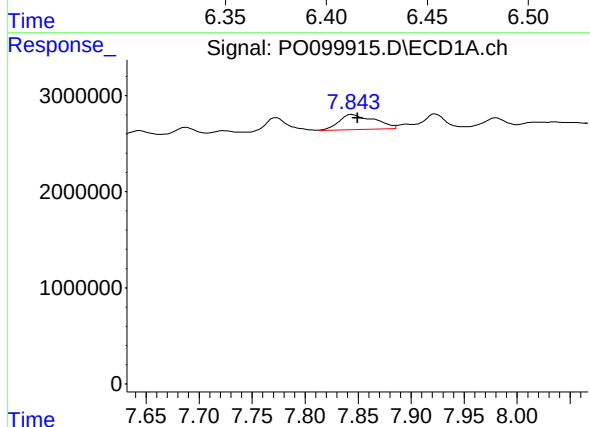
R.T.: 7.423 min
Delta R.T.: -0.002 min
Response: 378231
Conc: 9.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



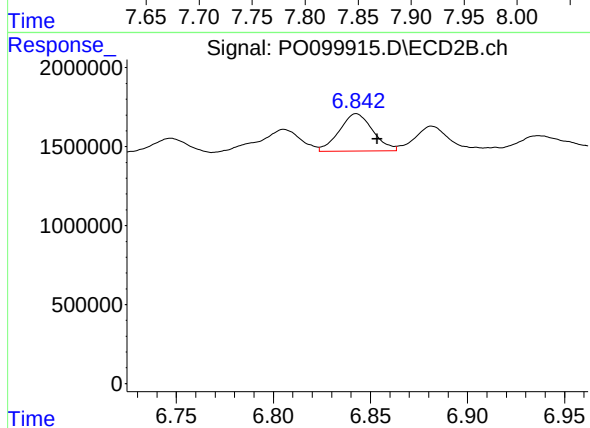
#29 AR-1254-4

R.T.: 6.421 min
Delta R.T.: -0.009 min
Response: 253267
Conc: 7.39 ng/ml



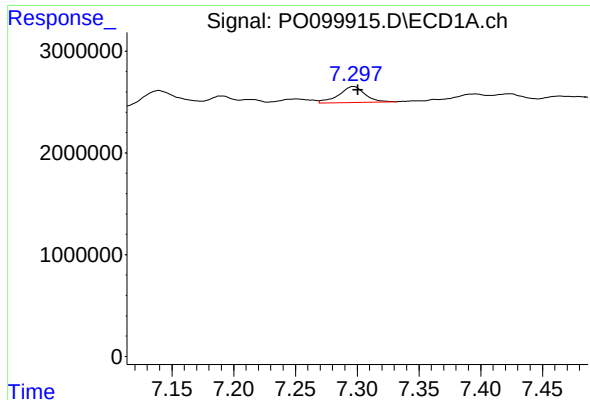
#30 AR-1254-5

R.T.: 7.844 min
Delta R.T.: -0.005 min
Response: 3684382
Conc: 75.03 ng/ml



#30 AR-1254-5

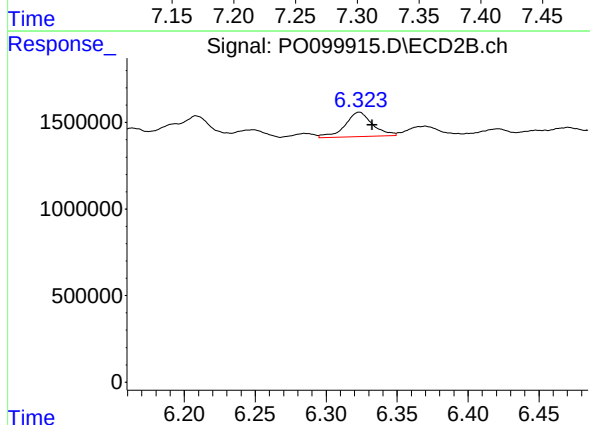
R.T.: 6.843 min
Delta R.T.: -0.011 min
Response: 2836796
Conc: 46.25 ng/ml



#31 AR-1260-1

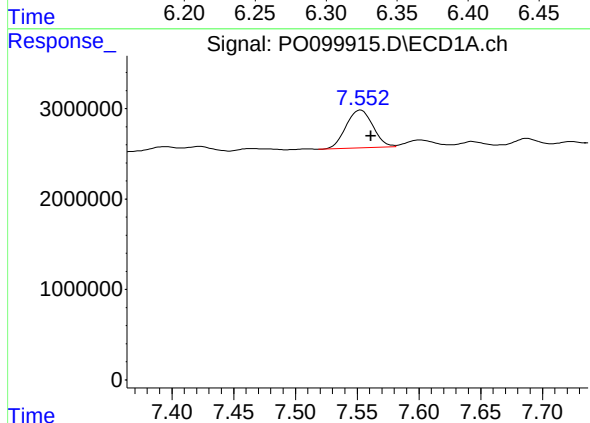
R.T.: 7.297 min
Delta R.T.: -0.004 min
Response: 2282230
Conc: 40.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



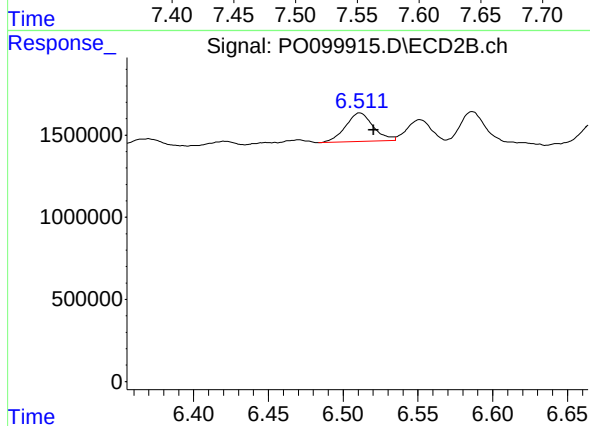
#31 AR-1260-1

R.T.: 6.323 min
Delta R.T.: -0.009 min
Response: 1905659
Conc: 39.59 ng/ml



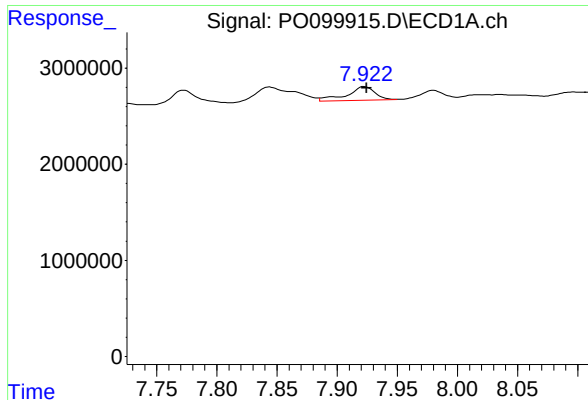
#32 AR-1260-2

R.T.: 7.553 min
Delta R.T.: -0.009 min
Response: 6382550
Conc: 105.80 ng/ml



#32 AR-1260-2

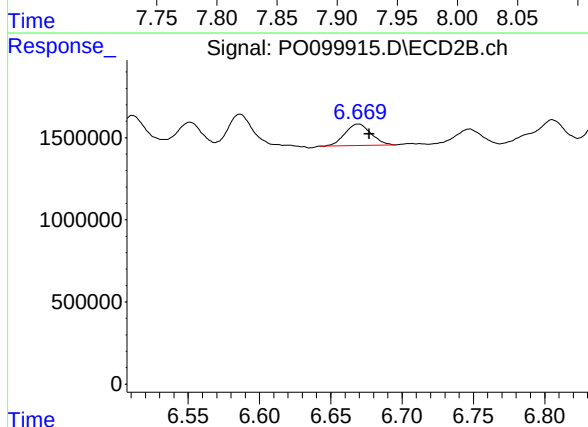
R.T.: 6.511 min
Delta R.T.: -0.009 min
Response: 2238499
Conc: 39.47 ng/ml



#33 AR-1260-3

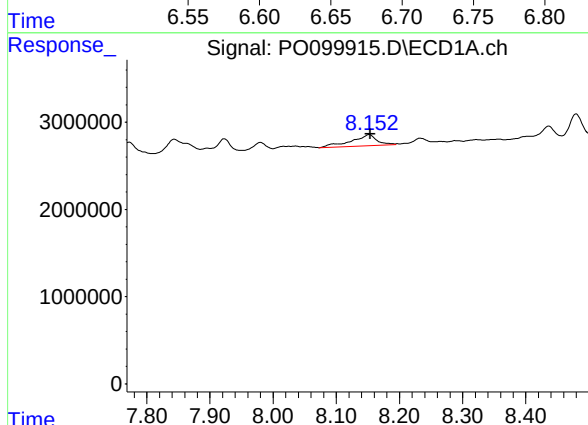
R.T.: 7.923 min
Delta R.T.: -0.002 min
Response: 2313800
Conc: 55.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



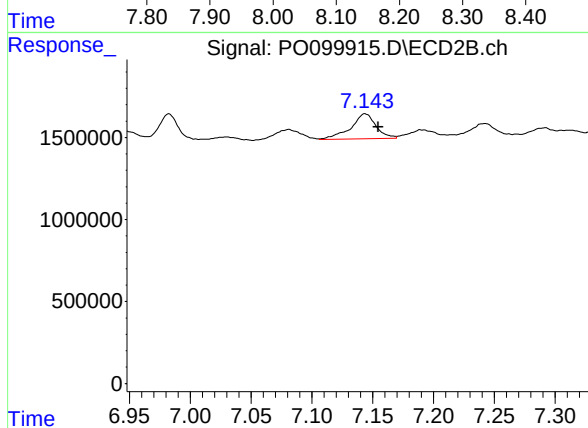
#33 AR-1260-3

R.T.: 6.669 min
Delta R.T.: -0.008 min
Response: 1674238
Conc: 30.29 ng/ml



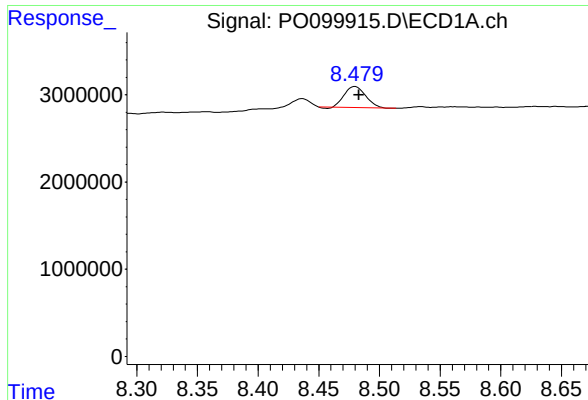
#34 AR-1260-4

R.T.: 8.152 min
Delta R.T.: -0.001 min
Response: 3571883
Conc: 72.53 ng/ml



#34 AR-1260-4

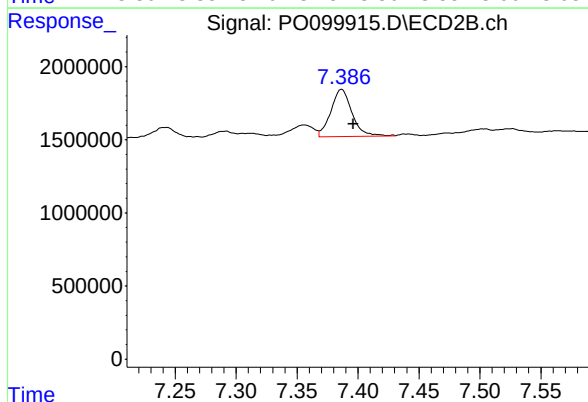
R.T.: 7.144 min
Delta R.T.: -0.011 min
Response: 2183723
Conc: 49.55 ng/ml



#35 AR-1260-5

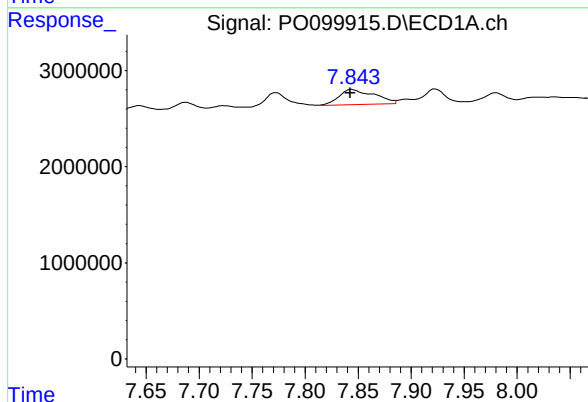
R.T.: 8.480 min
Delta R.T.: -0.003 min
Response: 2882686
Conc: 34.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



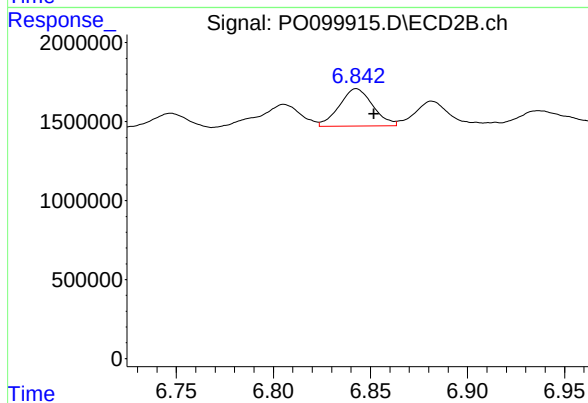
#35 AR-1260-5

R.T.: 7.387 min
Delta R.T.: -0.010 min
Response: 3903413
Conc: 39.28 ng/ml



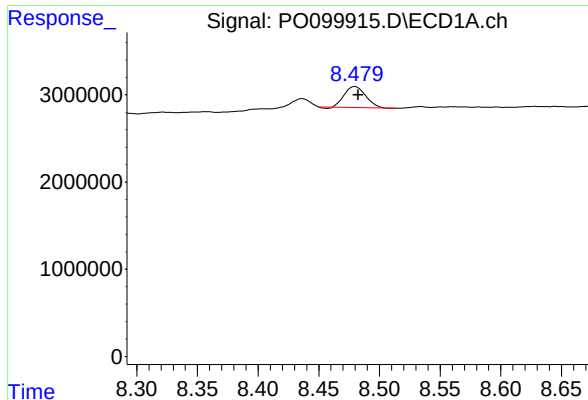
#36 AR-1262-1

R.T.: 7.844 min
Delta R.T.: 0.001 min
Response: 3684382
Conc: 82.22 ng/ml



#36 AR-1262-1

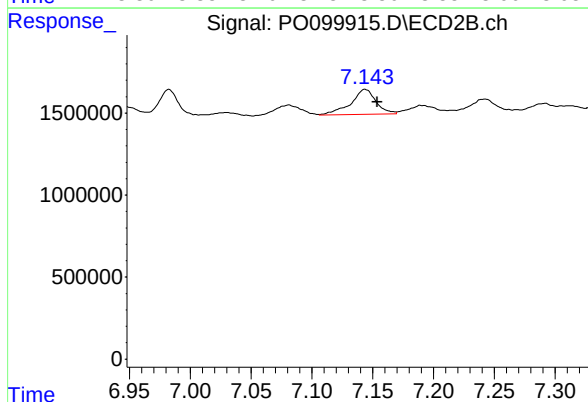
R.T.: 6.843 min
Delta R.T.: -0.009 min
Response: 2836796
Conc: 87.18 ng/ml



#37 AR-1262-2

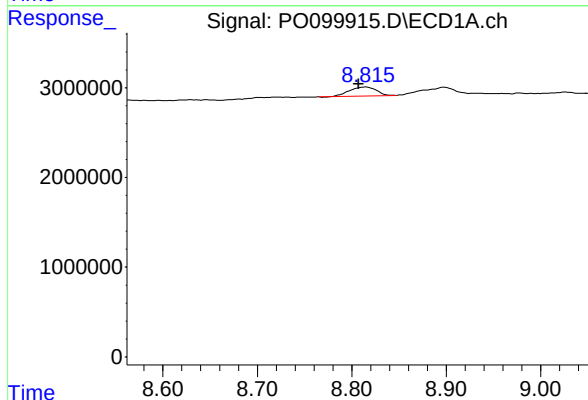
R.T.: 8.480 min
Delta R.T.: -0.003 min
Response: 2882686
Conc: 27.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



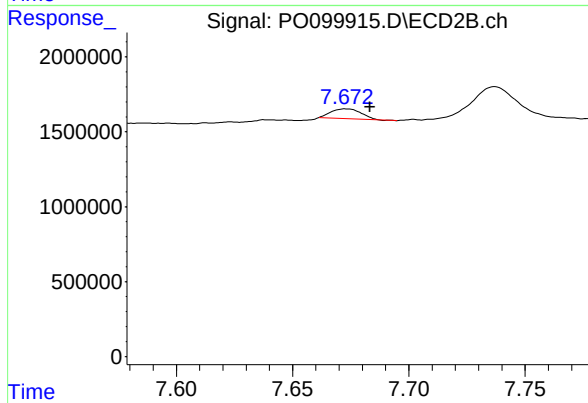
#37 AR-1262-2

R.T.: 7.144 min
Delta R.T.: -0.010 min
Response: 2183723
Conc: 33.41 ng/ml



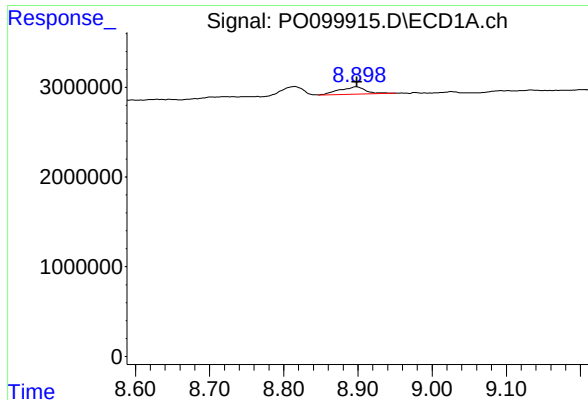
#38 AR-1262-3

R.T.: 8.815 min
Delta R.T.: 0.007 min
Response: 2025458
Conc: 27.61 ng/ml



#38 AR-1262-3

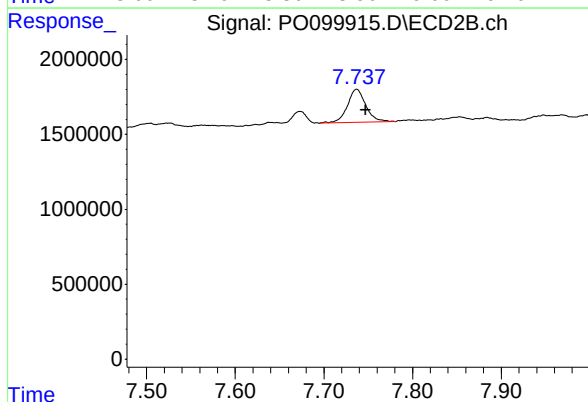
R.T.: 7.673 min
Delta R.T.: -0.010 min
Response: 578648
Conc: 11.26 ng/ml



#39 AR-1262-4

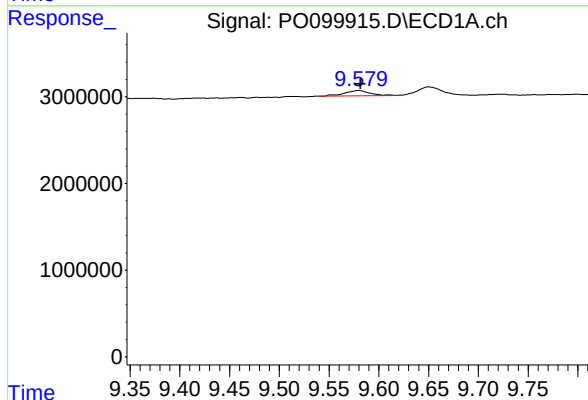
R.T.: 8.898 min
Delta R.T.: 0.000 min
Response: 2032968
Conc: 35.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



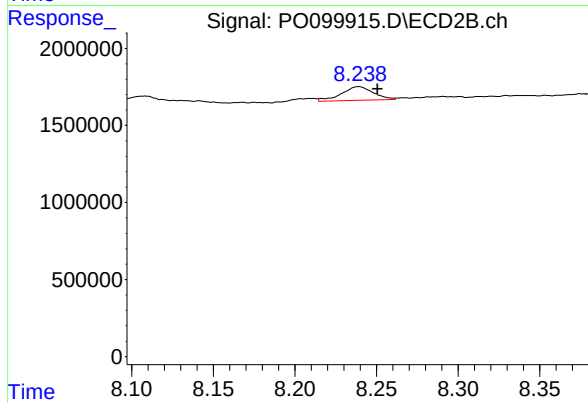
#39 AR-1262-4

R.T.: 7.737 min
Delta R.T.: -0.010 min
Response: 3198366
Conc: 35.89 ng/ml



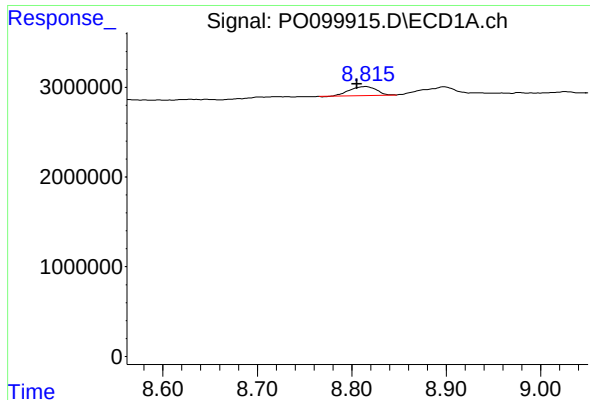
#40 AR-1262-5

R.T.: 9.580 min
Delta R.T.: -0.002 min
Response: 1076249
Conc: 32.88 ng/ml



#40 AR-1262-5

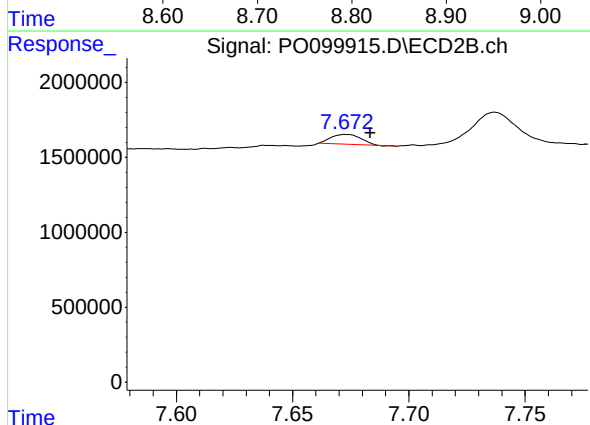
R.T.: 8.239 min
Delta R.T.: -0.012 min
Response: 1218453
Conc: 31.26 ng/ml



#41 AR-1268-1

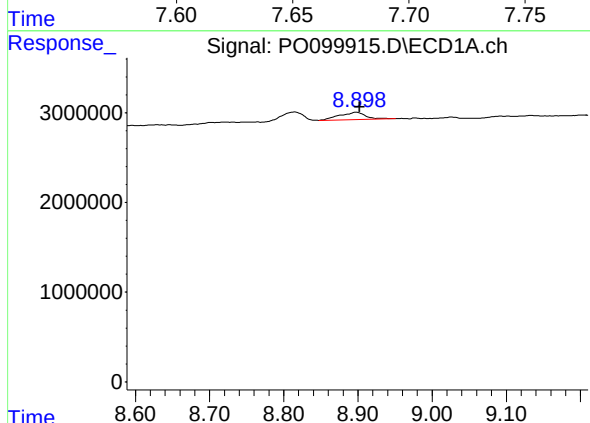
R.T.: 8.815 min
Delta R.T.: 0.010 min
Response: 2025458
Conc: 15.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



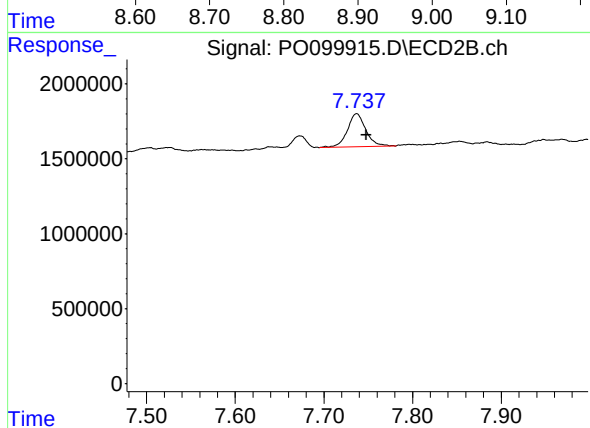
#41 AR-1268-1

R.T.: 7.673 min
Delta R.T.: -0.010 min
Response: 578648
Conc: 4.05 ng/ml



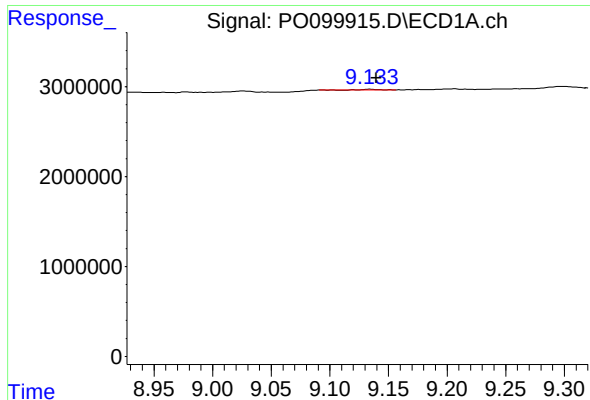
#42 AR-1268-2

R.T.: 8.898 min
Delta R.T.: -0.004 min
Response: 2032968
Conc: 17.72 ng/ml



#42 AR-1268-2

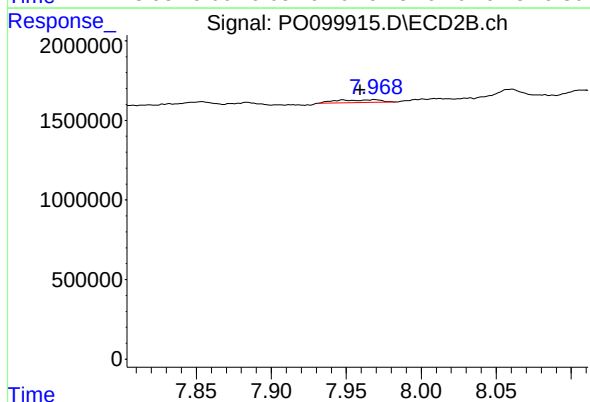
R.T.: 7.737 min
Delta R.T.: -0.011 min
Response: 3198366
Conc: 24.56 ng/ml



#43 AR-1268-3

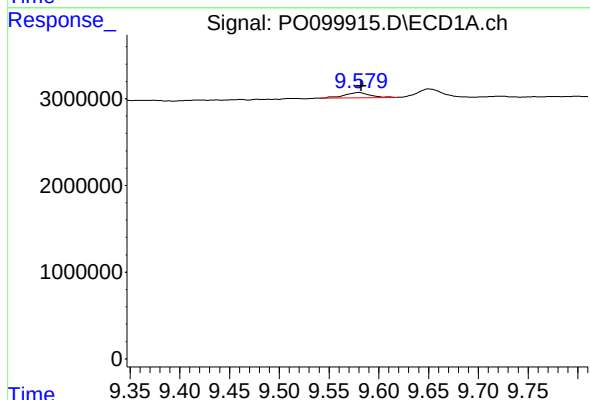
R.T.: 9.134 min
Delta R.T.: -0.005 min
Response: 69139
Conc: 0.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



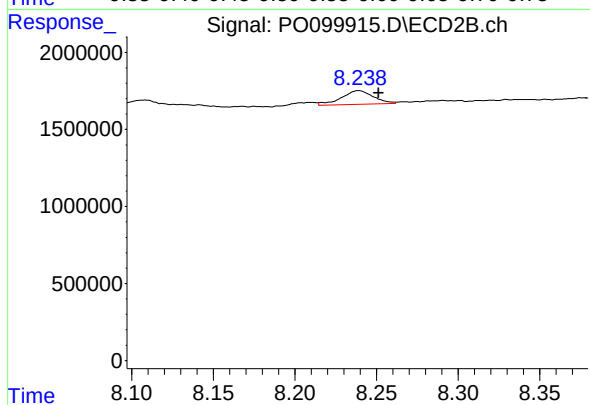
#43 AR-1268-3

R.T.: 7.969 min
Delta R.T.: 0.010 min
Response: 352395
Conc: 2.90 ng/ml



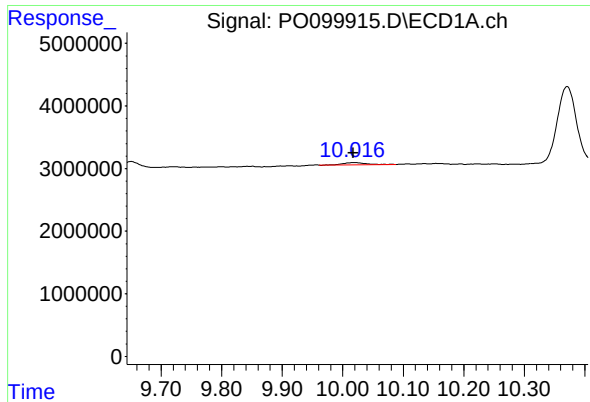
#44 AR-1268-4

R.T.: 9.580 min
Delta R.T.: -0.003 min
Response: 1076249
Conc: 30.81 ng/ml



#44 AR-1268-4

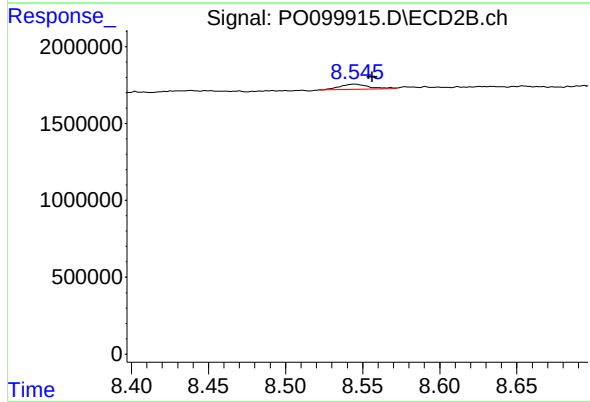
R.T.: 8.239 min
Delta R.T.: -0.012 min
Response: 1218453
Conc: 28.26 ng/ml



#45 AR-1268-5

R.T.: 10.017 min
Delta R.T.: 0.000 min
Response: 980706
Conc: 3.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.545 min
Delta R.T.: -0.012 min
Response: 448505
Conc: 1.29 ng/ml