

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0112223\
 Data File : P0100022.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Nov 2023 18:00
 Operator : YP/AJ
 Sample : 05521-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 22 22:55:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0112123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 21 15:58:40 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...	4.482	3.706	35345961	31591808	20.709	21.063
2) SA Decachlor...	10.369	8.805	13254978	18208598	18.249	16.272
Target Compounds						
3) L1 AR-1016-1	5.666	4.818	141966	254343	3.300	8.055 #
4) L1 AR-1016-2	5.699	4.818	584419	254343	9.027	5.882 #
5) L1 AR-1016-3	5.746	5.018	257936	96782	5.918	4.173 #
6) L1 AR-1016-4	5.876	5.056	76706	180105	2.324	8.785 #
7) L1 AR-1016-5	6.168	5.266	272972	130798	8.694	5.129 #
8) L2 AR-1221-1	4.693	3.932	1795889	100209	87.114	5.271 #
9) L2 AR-1221-2	4.792	3.994	507101	2066422	33.574	158.573 #
10) L2 AR-1221-3	4.873	4.088	69117	163442	1.540	4.550 #
11) L3 AR-1232-1	4.873	4.088	69117	163442	1.937	5.570 #
12) L3 AR-1232-2	5.398	4.818	142615	254343	8.194	12.825 #
13) L3 AR-1232-3	5.699	5.018	584419	96782	20.624	9.339 #
14) L3 AR-1232-4	5.876	5.098	76706	186406	5.522	18.753 #
15) L3 AR-1232-5	5.950	5.266	391869	130798	31.931	12.111 #
16) L4 AR-1242-1	5.666	4.818	141966	254343	4.098	9.678 #
17) L4 AR-1242-2	5.699	4.818	584419	254343	11.137	7.233 #
18) L4 AR-1242-3	5.746	5.018	257936	96782	7.411	5.054 #
19) L4 AR-1242-4	5.876	5.098	76706	186406	2.918	9.255 #
20) L4 AR-1242-5	6.574	5.629	2172049	1326219	97.145	56.759 #
21) L5 AR-1248-1	5.666	4.818	141966	254343	5.491	12.722 #
22) L5 AR-1248-2	5.950	5.056	391869	180105	9.582	6.437 #
23) L5 AR-1248-3	6.168	5.098	272972	186406	6.373	6.455
24) L5 AR-1248-4	6.574	5.266	2172049	130798	57.627	3.989 #
25) L5 AR-1248-5	6.574	5.658	2172049	724974	58.811	24.270 #
26) L6 AR-1254-1	6.527	5.629	3099462	1326219	64.367	25.584 #
27) L6 AR-1254-2	6.762	5.777	1748012	852609	25.488	18.309 #
28) L6 AR-1254-3	7.135	6.185	2692719	1283589	42.267	16.458 #
29) L6 AR-1254-4	7.421	6.415	662118	496328	17.515	11.630 #
30) L6 AR-1254-5	7.862	6.837	3017608	3466996	70.501	47.911 #
31) L7 AR-1260-1	7.296	6.317	760423	859573	14.282	14.876
32) L7 AR-1260-2	7.551	6.506	5161166	901503	97.570	13.573 #
33) L7 AR-1260-3	7.918	6.662	431566	782378	12.099	12.227
34) L7 AR-1260-4	8.137	7.137	818197	531339	19.769	10.537 #
35) L7 AR-1260-5	8.480	7.380	646214	951656	9.674	8.489
36) L8 AR-1262-1	7.808	6.837	66170	3466996	1.829	90.709 #
37) L8 AR-1262-2	8.480	7.137	646214	531339	7.611	7.044
38) L8 AR-1262-3	8.803	7.668	193319	484924	3.209	8.326 #
39) L8 AR-1262-4	8.894	7.730	434768	727875	9.018	7.082
40) L8 AR-1262-5	9.574	8.237	112411	249282	4.306	5.721 #
41) L9 AR-1268-1	8.803	7.668	193319	484924	1.751	2.920 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0112223\
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 Acq On : 22 Nov 2023 18:00
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Integration File signal 1: autoint1.e
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 Quant Time: Nov 22 22:55:53 2023
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 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 21 15:58:40 2023
 Response via : Initial Calibration
 Integrator: ChemStation

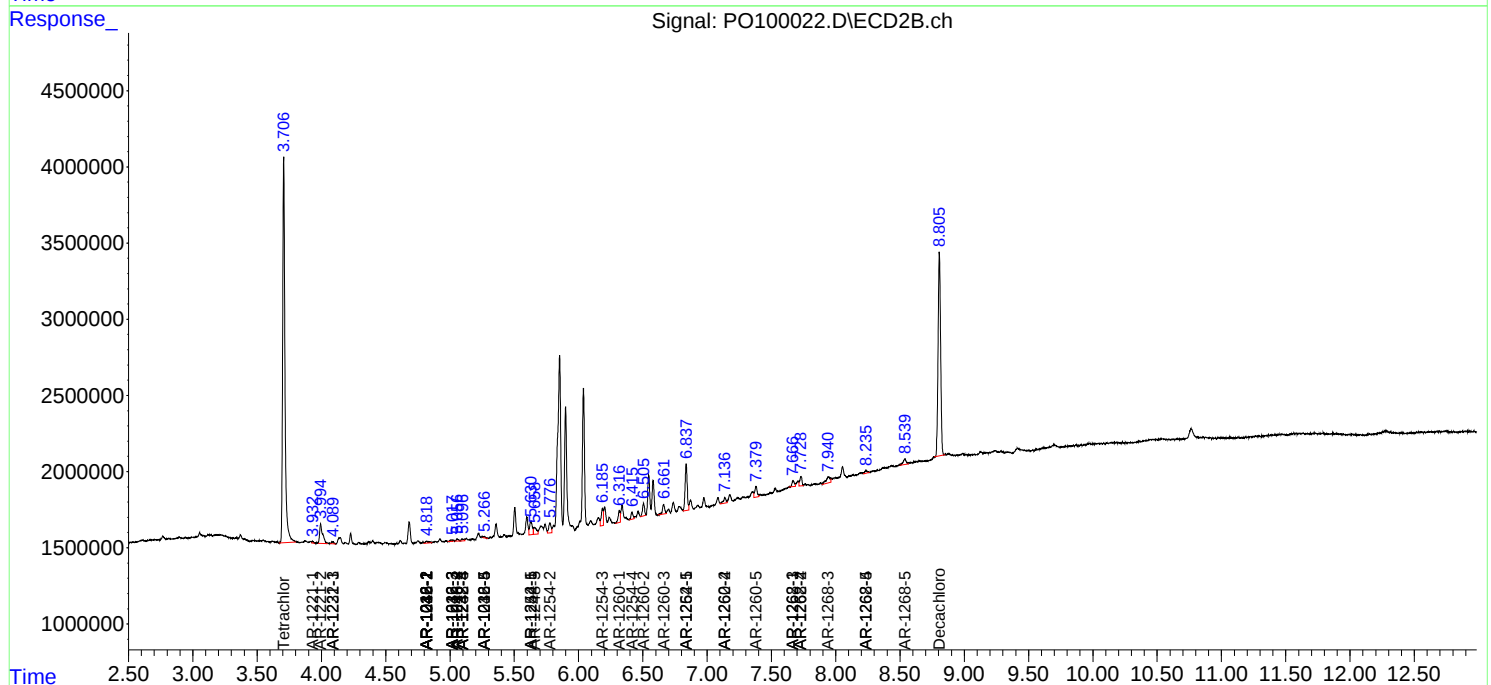
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

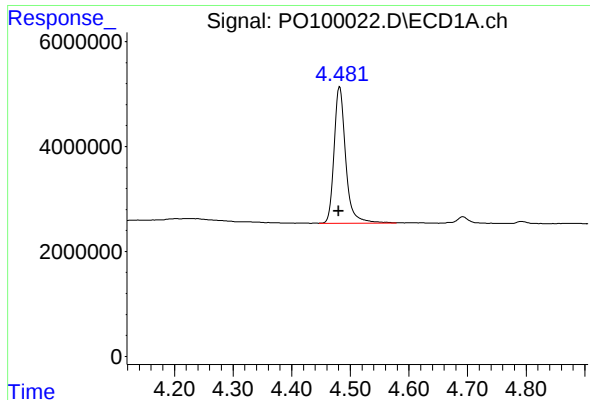
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.894	7.730	434768	727875	4.516	4.769
43) L9	AR-1268-3	9.134	7.941	39873	902107	0.442	6.295 #
44) L9	AR-1268-4	9.574	8.237	112411	249282	3.953	5.306 #
45) L9	AR-1268-5	10.014	8.539	236960	603017	0.942	1.515 #

(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

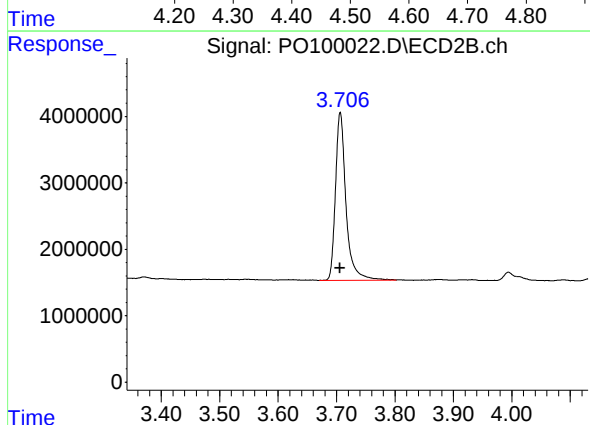




#1 Tetrachloro-m-xylene

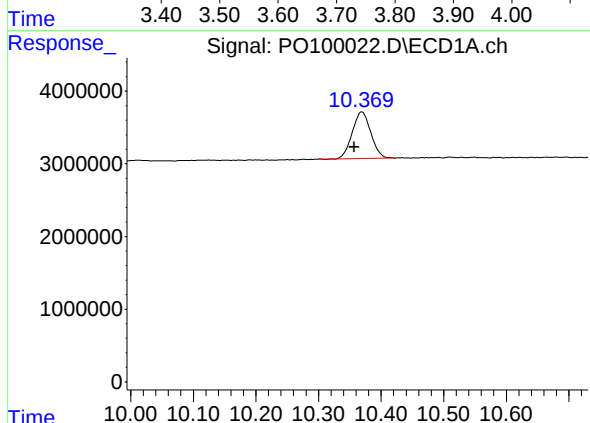
R.T.: 4.482 min
Delta R.T.: 0.002 min
Response: 35345961
Conc: 20.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



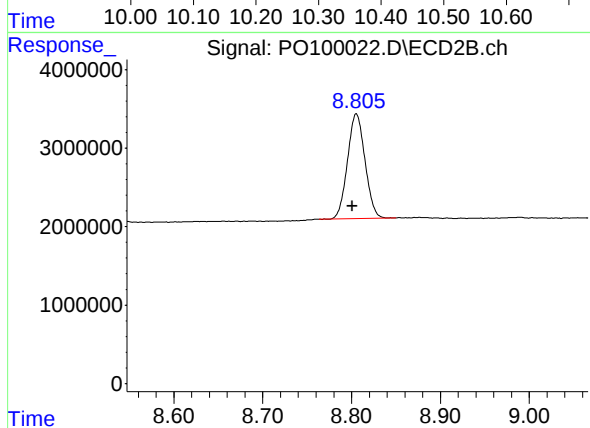
#1 Tetrachloro-m-xylene

R.T.: 3.706 min
Delta R.T.: 0.000 min
Response: 31591808
Conc: 21.06 ng/ml



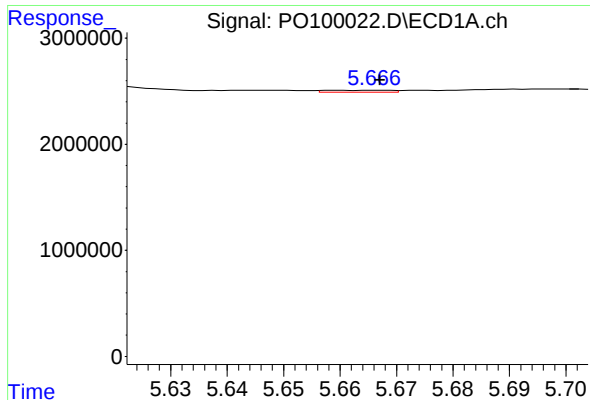
#2 Decachlorobiphenyl

R.T.: 10.369 min
Delta R.T.: 0.012 min
Response: 13254978
Conc: 18.25 ng/ml



#2 Decachlorobiphenyl

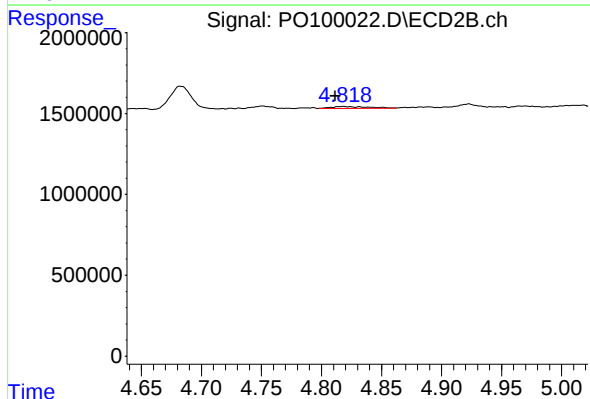
R.T.: 8.805 min
Delta R.T.: 0.004 min
Response: 18208598
Conc: 16.27 ng/ml



#3 AR-1016-1

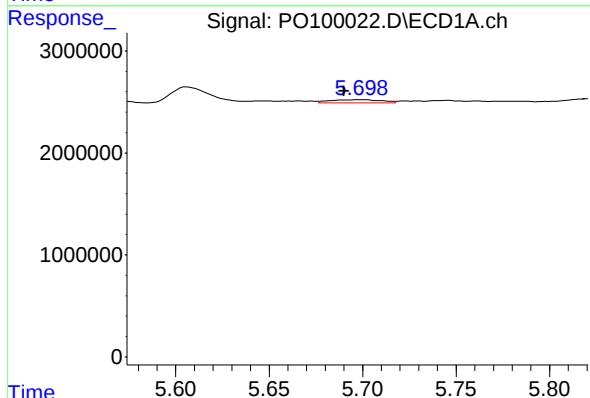
R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 141966
Conc: 3.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



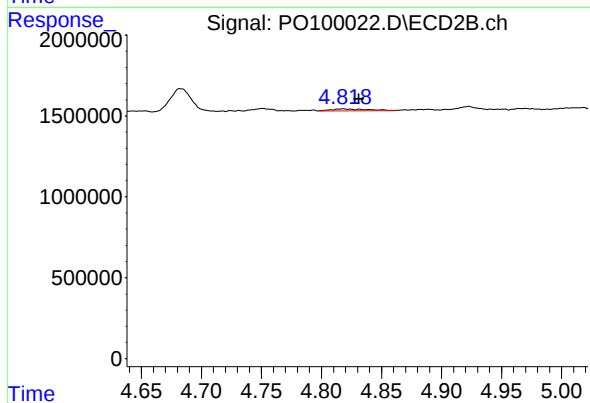
#3 AR-1016-1

R.T.: 4.818 min
Delta R.T.: 0.007 min
Response: 254343
Conc: 8.05 ng/ml



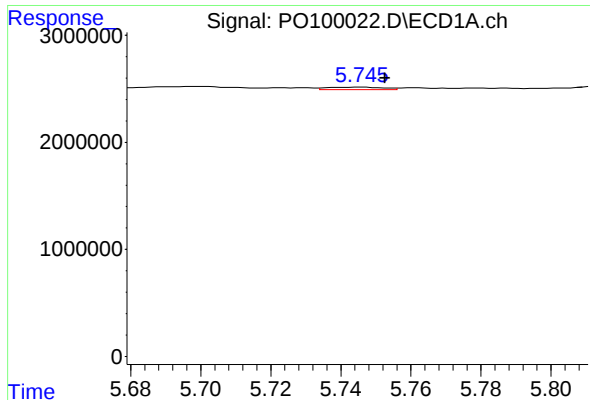
#4 AR-1016-2

R.T.: 5.699 min
Delta R.T.: 0.009 min
Response: 584419
Conc: 9.03 ng/ml



#4 AR-1016-2

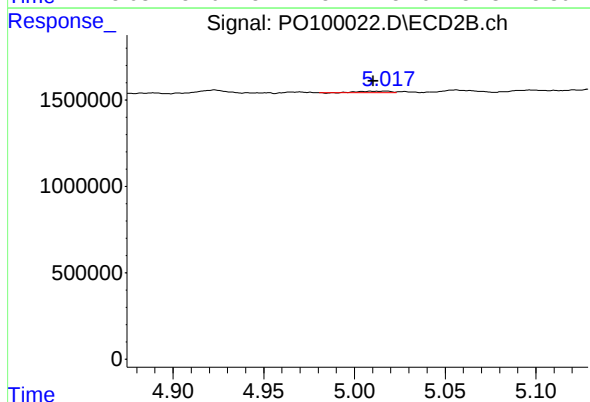
R.T.: 4.818 min
Delta R.T.: -0.013 min
Response: 254343
Conc: 5.88 ng/ml



#5 AR-1016-3

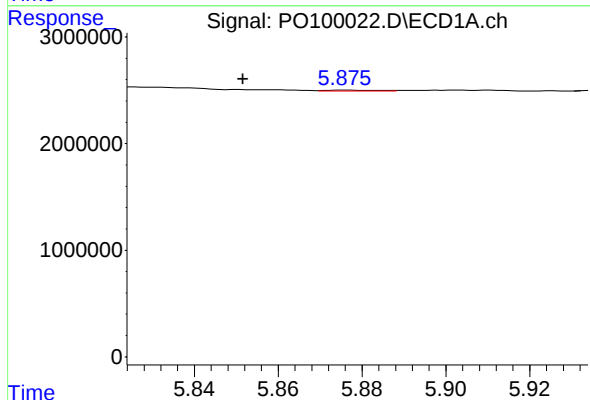
R.T.: 5.746 min
Delta R.T.: -0.007 min
Response: 257936
Conc: 5.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



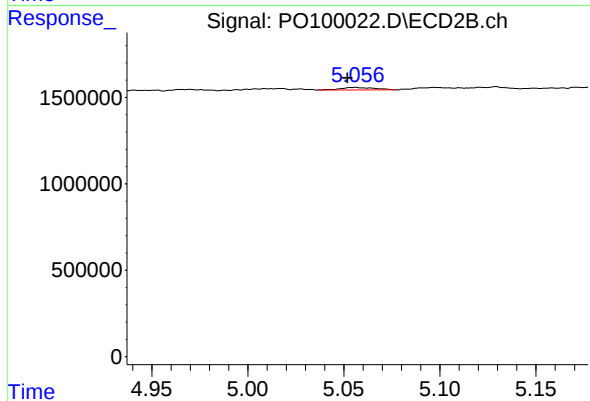
#5 AR-1016-3

R.T.: 5.018 min
Delta R.T.: 0.007 min
Response: 96782
Conc: 4.17 ng/ml



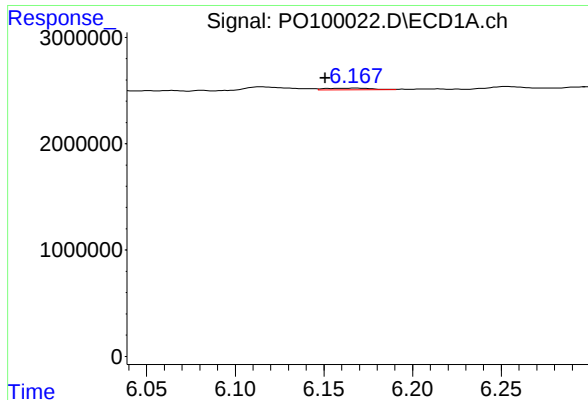
#6 AR-1016-4

R.T.: 5.876 min
Delta R.T.: 0.024 min
Response: 76706
Conc: 2.32 ng/ml



#6 AR-1016-4

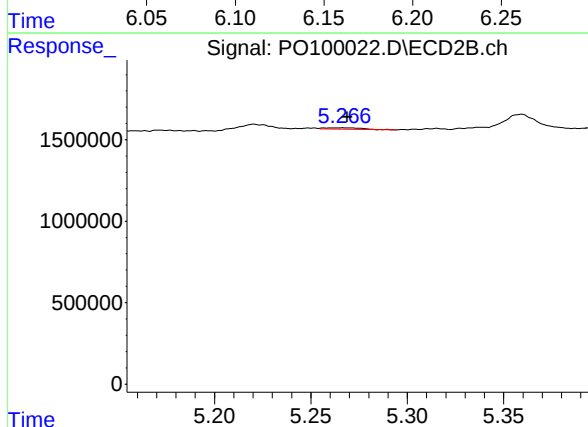
R.T.: 5.056 min
Delta R.T.: 0.004 min
Response: 180105
Conc: 8.79 ng/ml



#7 AR-1016-5

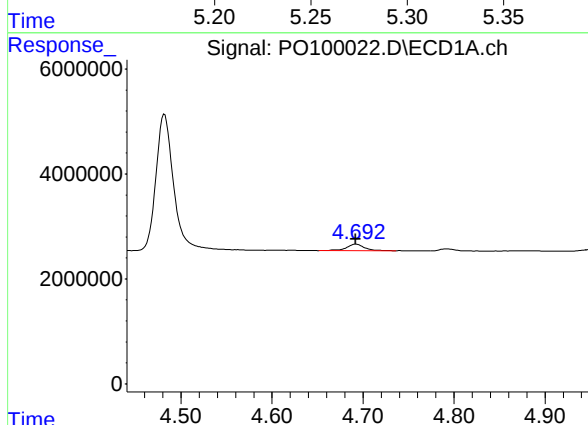
R.T.: 6.168 min
Delta R.T.: 0.017 min
Response: 272972
Conc: 8.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



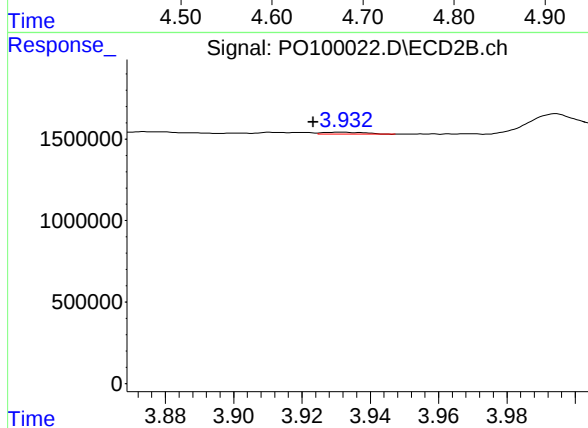
#7 AR-1016-5

R.T.: 5.266 min
Delta R.T.: -0.003 min
Response: 130798
Conc: 5.13 ng/ml



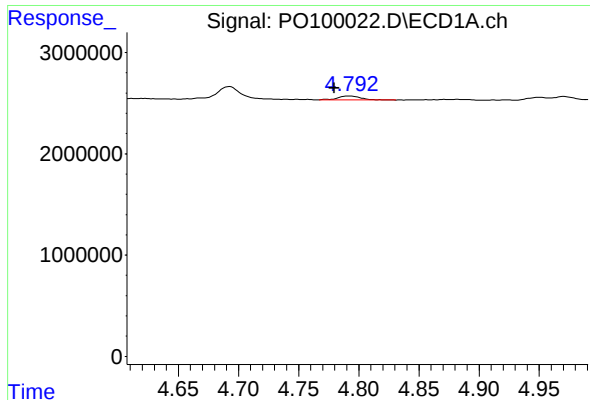
#8 AR-1221-1

R.T.: 4.693 min
Delta R.T.: 0.000 min
Response: 1795889
Conc: 87.11 ng/ml



#8 AR-1221-1

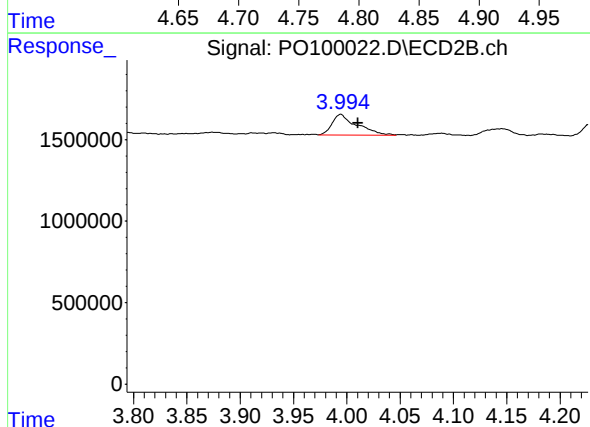
R.T.: 3.932 min
Delta R.T.: 0.008 min
Response: 100209
Conc: 5.27 ng/ml



#9 AR-1221-2

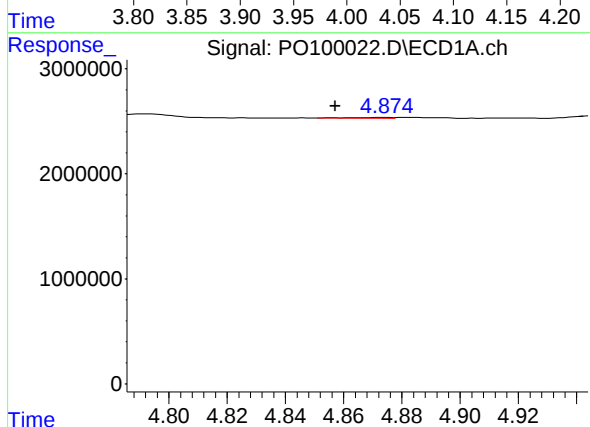
R.T.: 4.792 min
Delta R.T.: 0.013 min
Response: 507101
Conc: 33.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



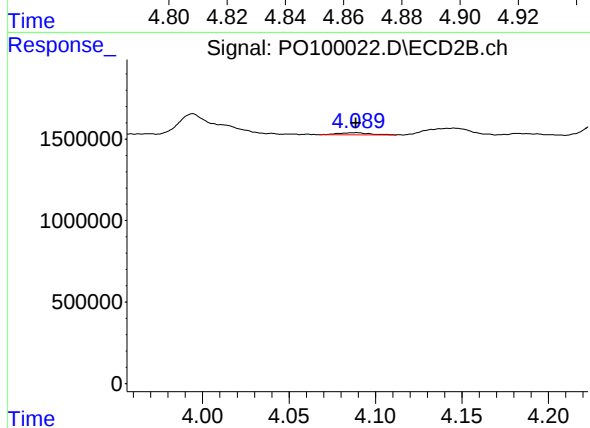
#9 AR-1221-2

R.T.: 3.994 min
Delta R.T.: -0.016 min
Response: 2066422
Conc: 158.57 ng/ml



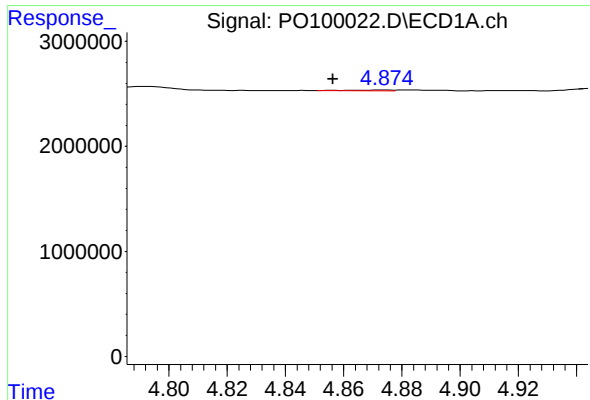
#10 AR-1221-3

R.T.: 4.873 min
Delta R.T.: 0.016 min
Response: 69117
Conc: 1.54 ng/ml



#10 AR-1221-3

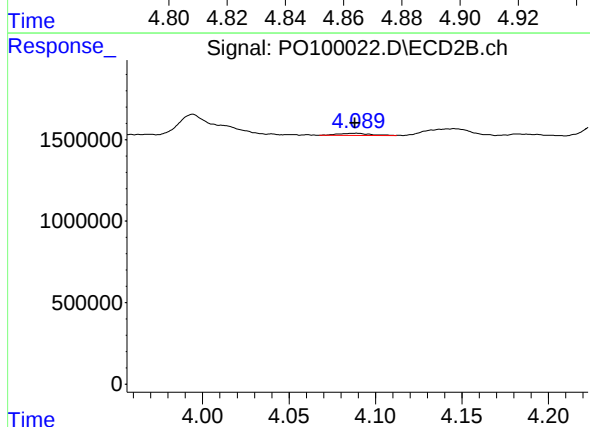
R.T.: 4.088 min
Delta R.T.: 0.000 min
Response: 163442
Conc: 4.55 ng/ml



#11 AR-1232-1

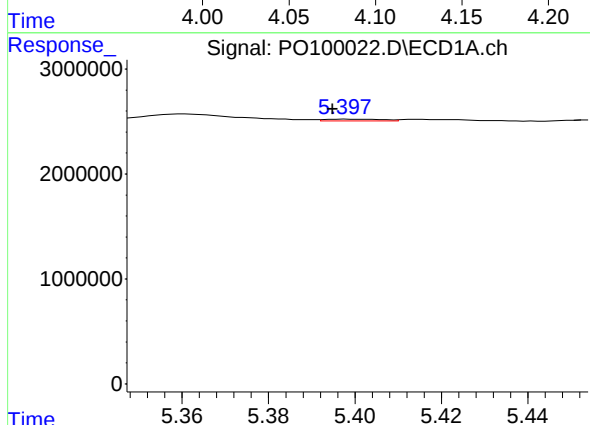
R.T.: 4.873 min
Delta R.T.: 0.017 min
Response: 69117
Conc: 1.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



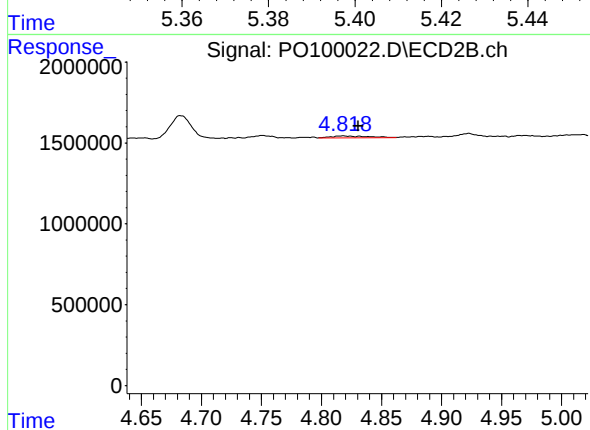
#11 AR-1232-1

R.T.: 4.088 min
Delta R.T.: 0.000 min
Response: 163442
Conc: 5.57 ng/ml



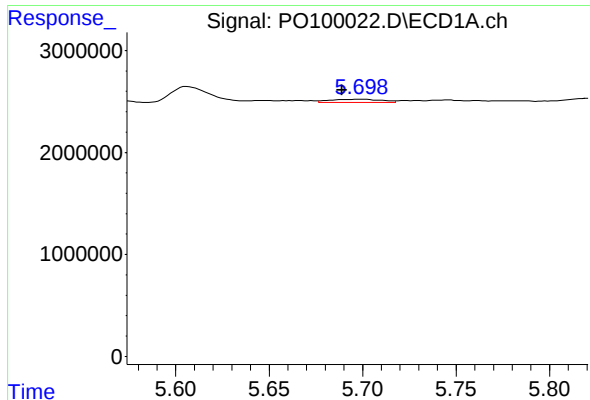
#12 AR-1232-2

R.T.: 5.398 min
Delta R.T.: 0.003 min
Response: 142615
Conc: 8.19 ng/ml



#12 AR-1232-2

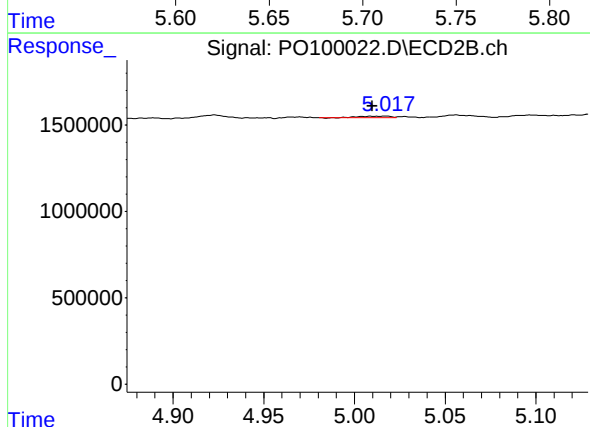
R.T.: 4.818 min
Delta R.T.: -0.012 min
Response: 254343
Conc: 12.83 ng/ml



#13 AR-1232-3

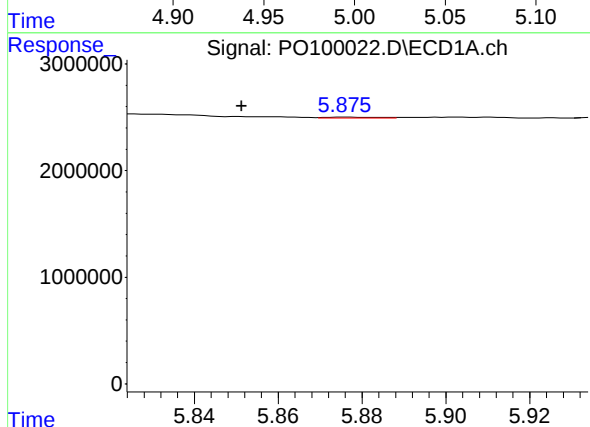
R.T.: 5.699 min
Delta R.T.: 0.010 min
Response: 584419
Conc: 20.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



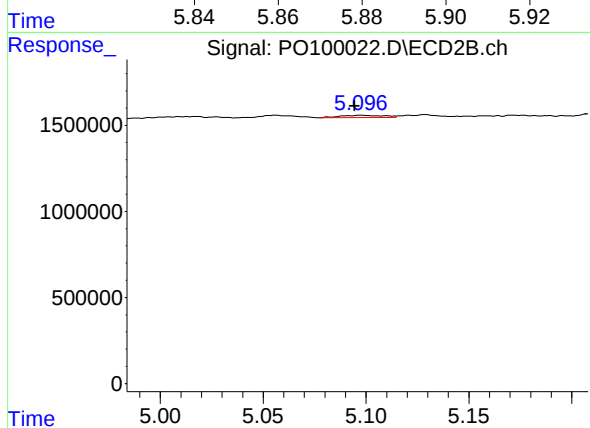
#13 AR-1232-3

R.T.: 5.018 min
Delta R.T.: 0.008 min
Response: 96782
Conc: 9.34 ng/ml



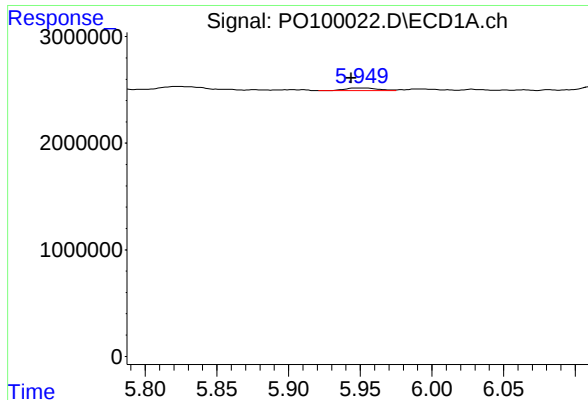
#14 AR-1232-4

R.T.: 5.876 min
Delta R.T.: 0.024 min
Response: 76706
Conc: 5.52 ng/ml



#14 AR-1232-4

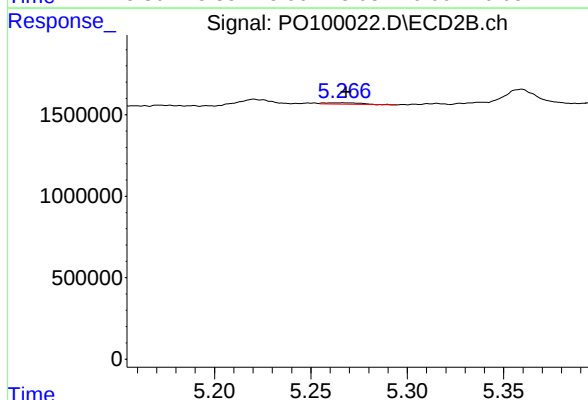
R.T.: 5.098 min
Delta R.T.: 0.003 min
Response: 186406
Conc: 18.75 ng/ml



#15 AR-1232-5

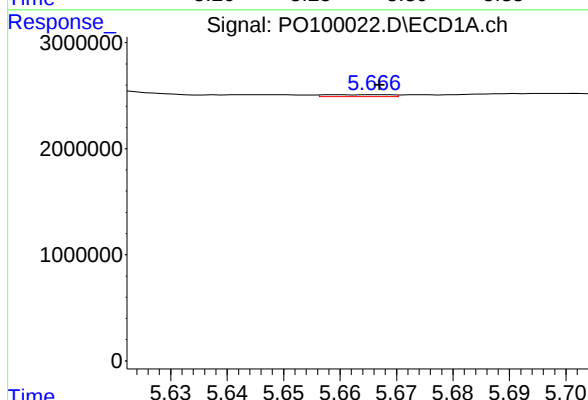
R.T.: 5.950 min
Delta R.T.: 0.006 min
Response: 391869
Conc: 31.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



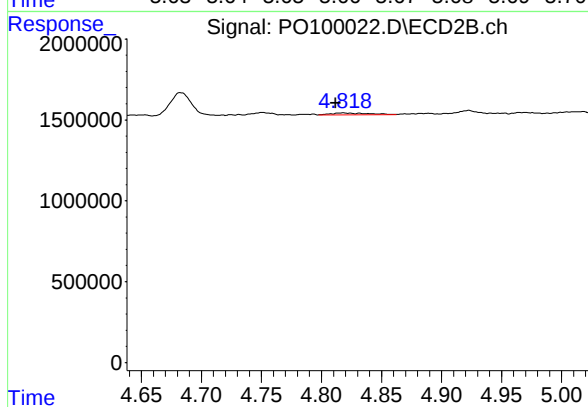
#15 AR-1232-5

R.T.: 5.266 min
Delta R.T.: -0.003 min
Response: 130798
Conc: 12.11 ng/ml



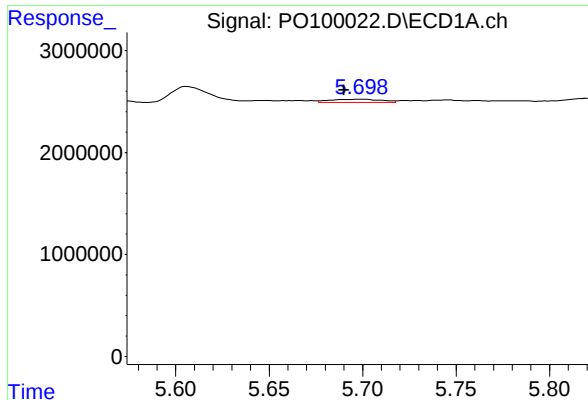
#16 AR-1242-1

R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 141966
Conc: 4.10 ng/ml



#16 AR-1242-1

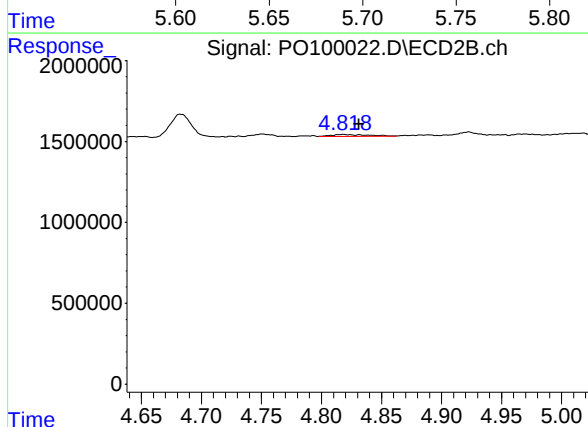
R.T.: 4.818 min
Delta R.T.: 0.006 min
Response: 254343
Conc: 9.68 ng/ml



#17 AR-1242-2

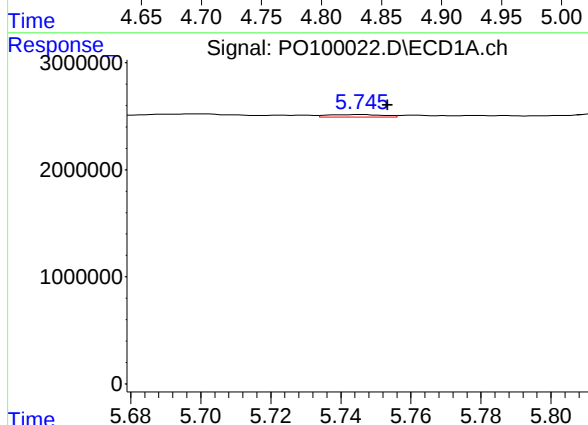
R.T.: 5.699 min
Delta R.T.: 0.009 min
Response: 584419
Conc: 11.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



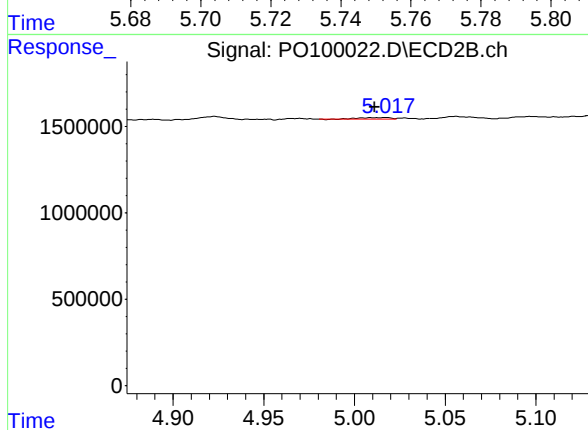
#17 AR-1242-2

R.T.: 4.818 min
Delta R.T.: -0.013 min
Response: 254343
Conc: 7.23 ng/ml



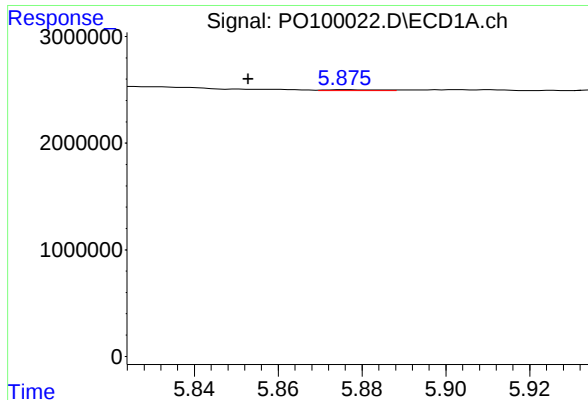
#18 AR-1242-3

R.T.: 5.746 min
Delta R.T.: -0.007 min
Response: 257936
Conc: 7.41 ng/ml



#18 AR-1242-3

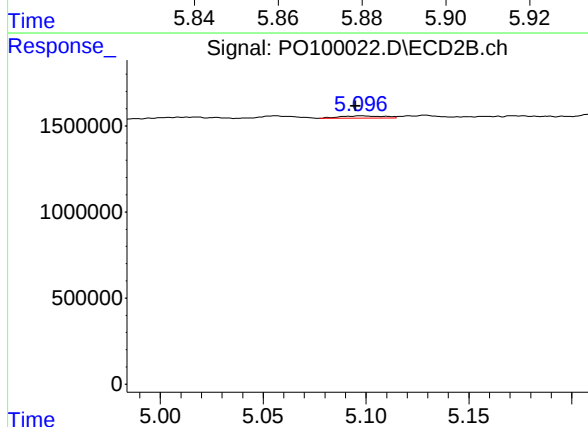
R.T.: 5.018 min
Delta R.T.: 0.006 min
Response: 96782
Conc: 5.05 ng/ml



#19 AR-1242-4

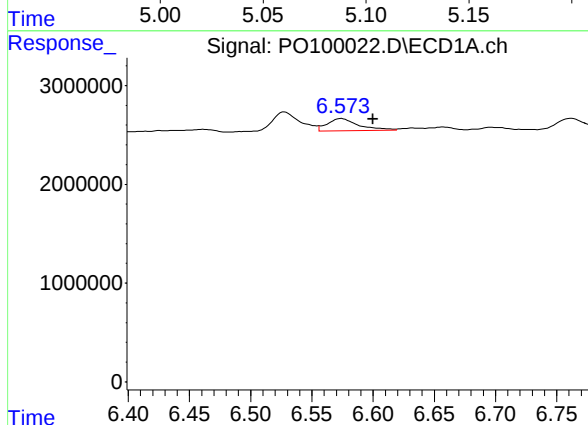
R.T.: 5.876 min
Delta R.T.: 0.023 min
Response: 76706
Conc: 2.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



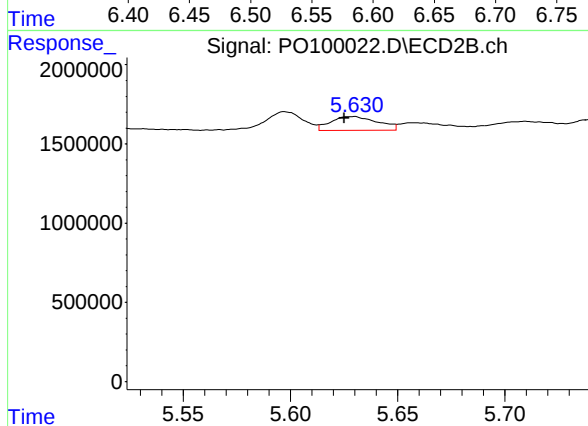
#19 AR-1242-4

R.T.: 5.098 min
Delta R.T.: 0.003 min
Response: 186406
Conc: 9.25 ng/ml



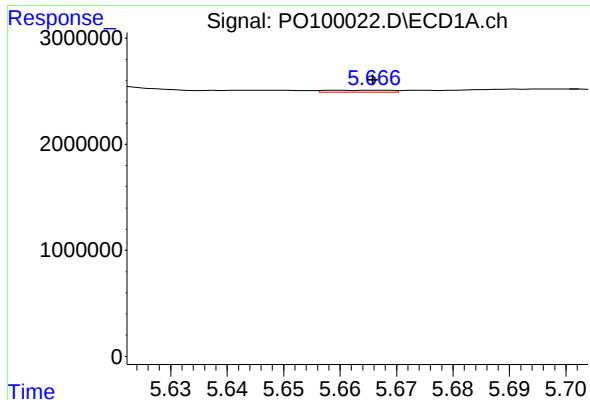
#20 AR-1242-5

R.T.: 6.574 min
Delta R.T.: -0.026 min
Response: 2172049
Conc: 97.14 ng/ml



#20 AR-1242-5

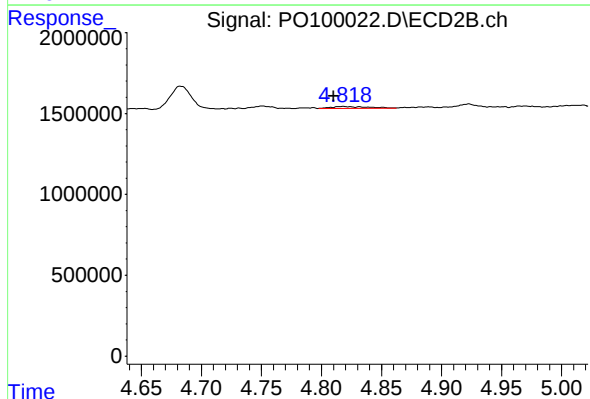
R.T.: 5.629 min
Delta R.T.: 0.004 min
Response: 1326219
Conc: 56.76 ng/ml



#21 AR-1248-1

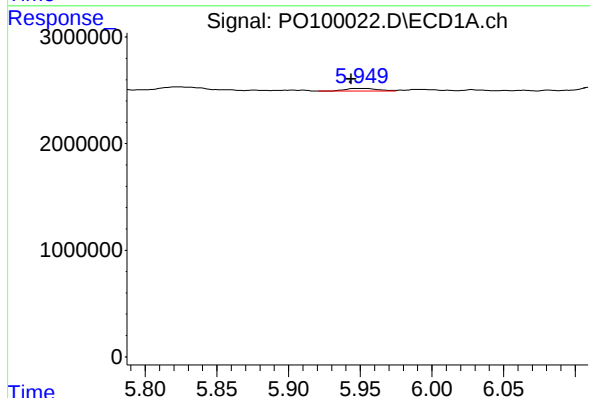
R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 141966
Conc: 5.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



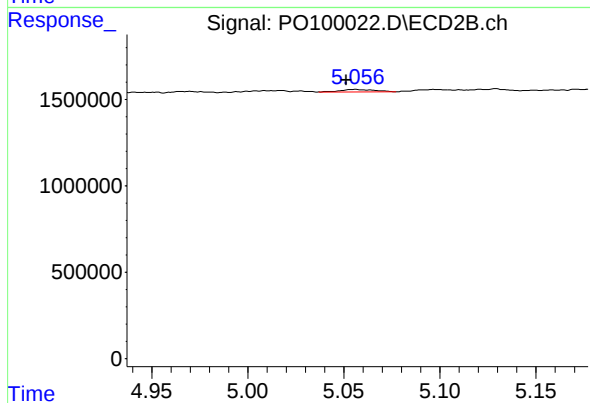
#21 AR-1248-1

R.T.: 4.818 min
Delta R.T.: 0.008 min
Response: 254343
Conc: 12.72 ng/ml



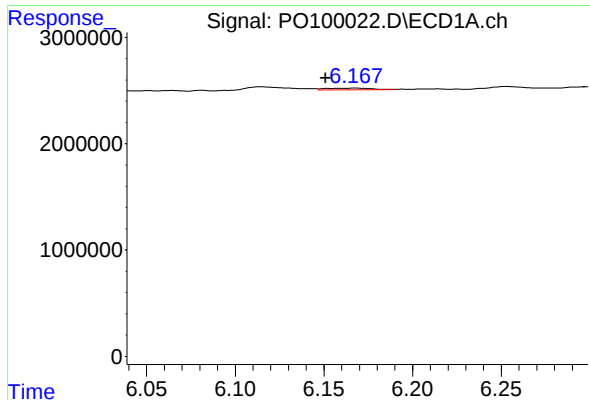
#22 AR-1248-2

R.T.: 5.950 min
Delta R.T.: 0.006 min
Response: 391869
Conc: 9.58 ng/ml



#22 AR-1248-2

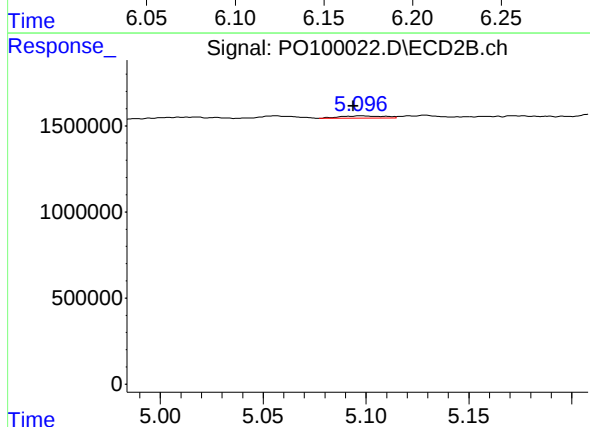
R.T.: 5.056 min
Delta R.T.: 0.005 min
Response: 180105
Conc: 6.44 ng/ml



#23 AR-1248-3

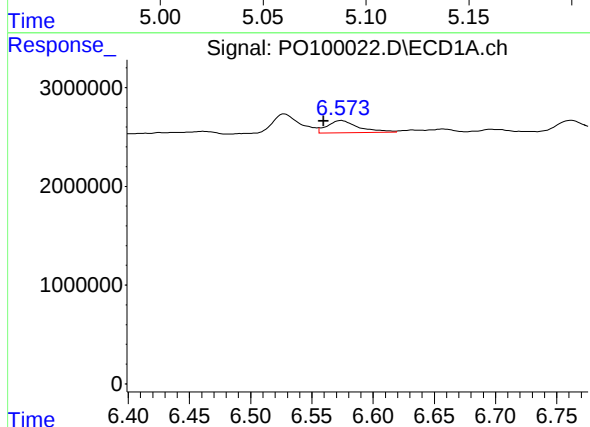
R.T.: 6.168 min
Delta R.T.: 0.017 min
Response: 272972
Conc: 6.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



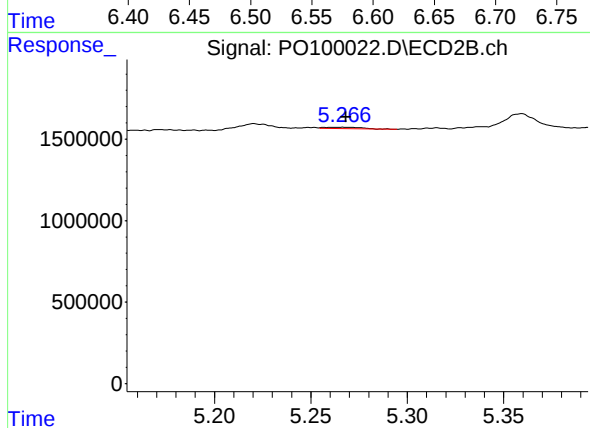
#23 AR-1248-3

R.T.: 5.098 min
Delta R.T.: 0.004 min
Response: 186406
Conc: 6.45 ng/ml



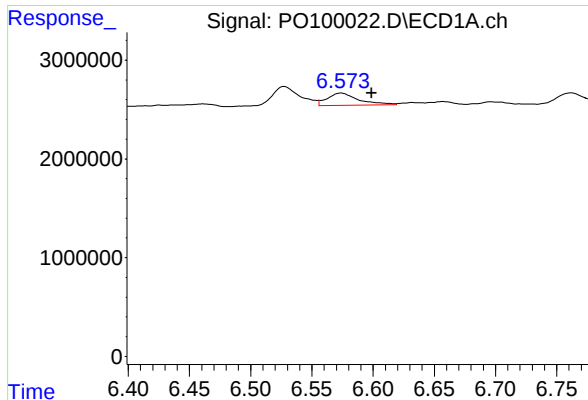
#24 AR-1248-4

R.T.: 6.574 min
Delta R.T.: 0.014 min
Response: 2172049
Conc: 57.63 ng/ml



#24 AR-1248-4

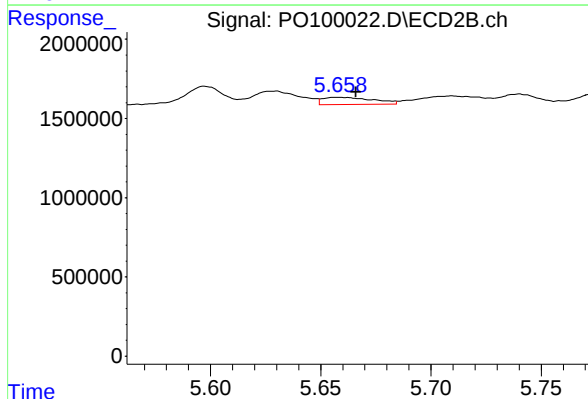
R.T.: 5.266 min
Delta R.T.: -0.002 min
Response: 130798
Conc: 3.99 ng/ml



#25 AR-1248-5

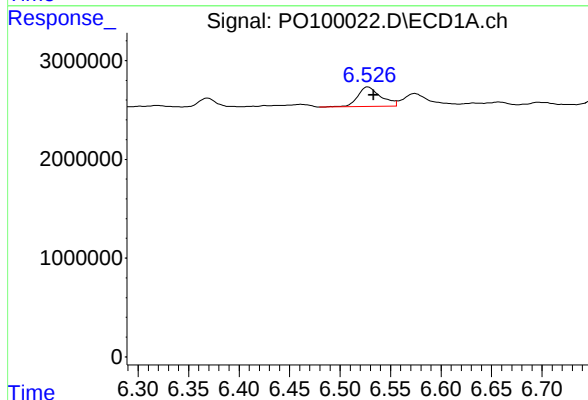
R.T.: 6.574 min
Delta R.T.: -0.025 min
Response: 2172049
Conc: 58.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



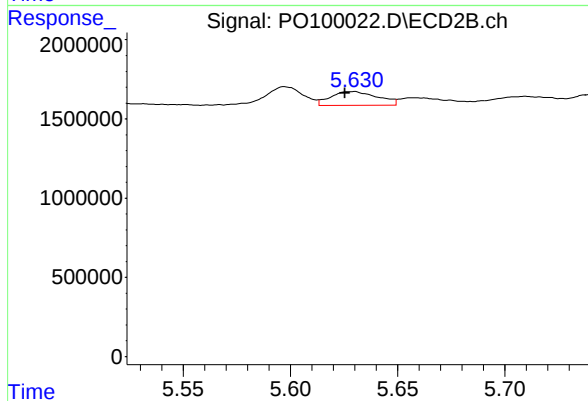
#25 AR-1248-5

R.T.: 5.658 min
Delta R.T.: -0.008 min
Response: 724974
Conc: 24.27 ng/ml



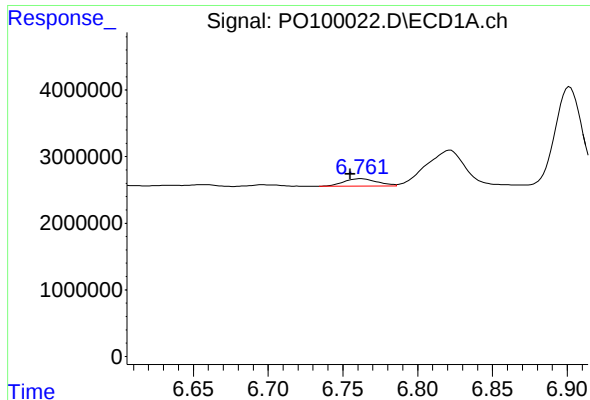
#26 AR-1254-1

R.T.: 6.527 min
Delta R.T.: -0.006 min
Response: 3099462
Conc: 64.37 ng/ml



#26 AR-1254-1

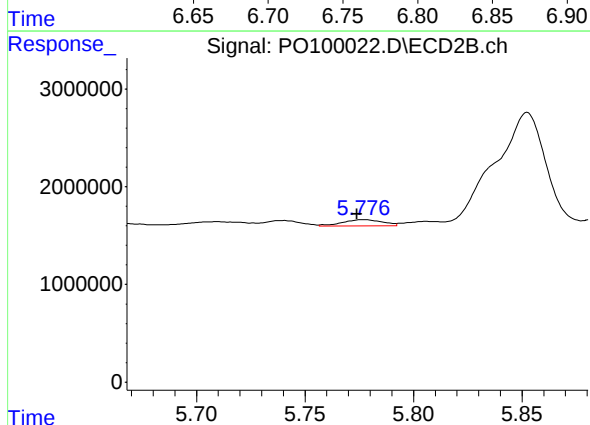
R.T.: 5.629 min
Delta R.T.: 0.003 min
Response: 1326219
Conc: 25.58 ng/ml



#27 AR-1254-2

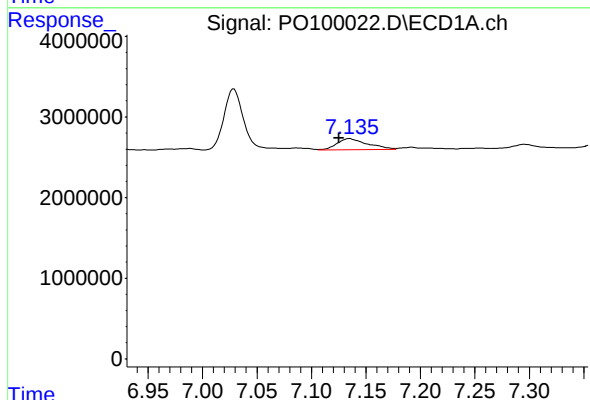
R.T.: 6.762 min
Delta R.T.: 0.007 min
Response: 1748012
Conc: 25.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



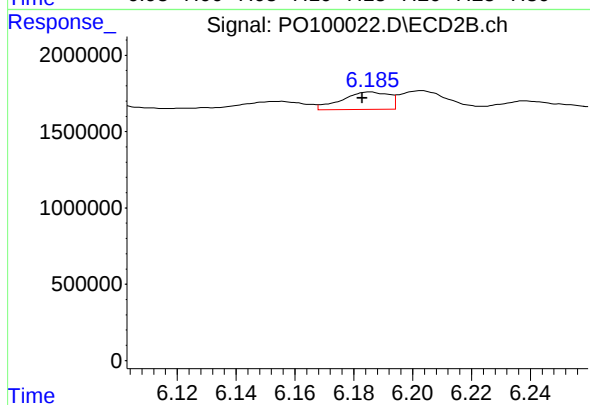
#27 AR-1254-2

R.T.: 5.777 min
Delta R.T.: 0.003 min
Response: 852609
Conc: 18.31 ng/ml



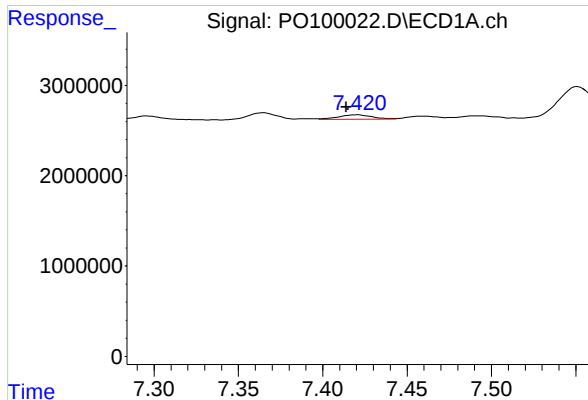
#28 AR-1254-3

R.T.: 7.135 min
Delta R.T.: 0.010 min
Response: 2692719
Conc: 42.27 ng/ml



#28 AR-1254-3

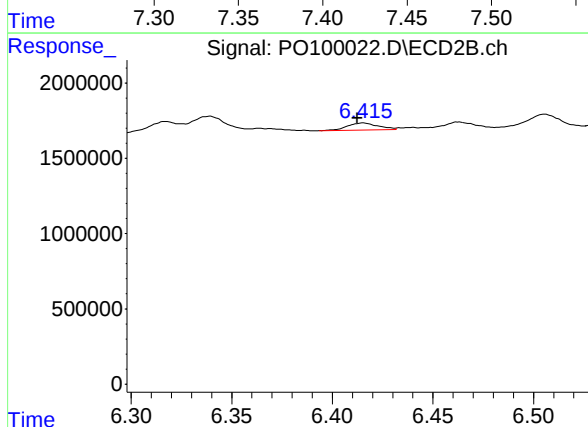
R.T.: 6.185 min
Delta R.T.: 0.002 min
Response: 1283589
Conc: 16.46 ng/ml



#29 AR-1254-4

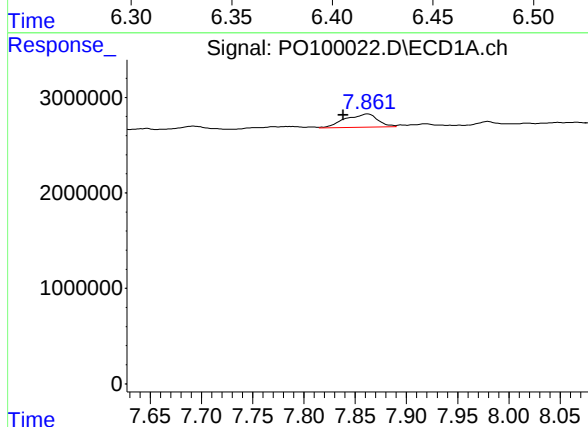
R.T.: 7.421 min
Delta R.T.: 0.007 min
Response: 662118
Conc: 17.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



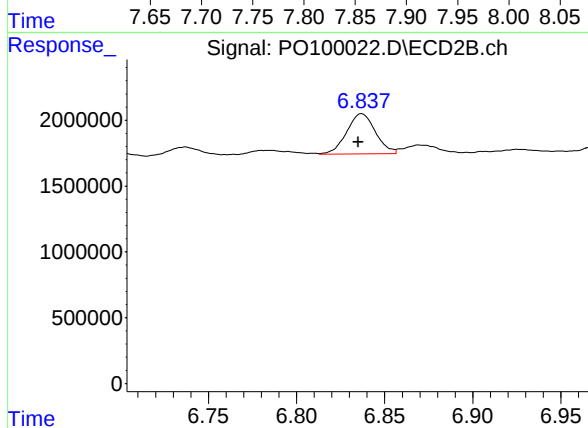
#29 AR-1254-4

R.T.: 6.415 min
Delta R.T.: 0.003 min
Response: 496328
Conc: 11.63 ng/ml



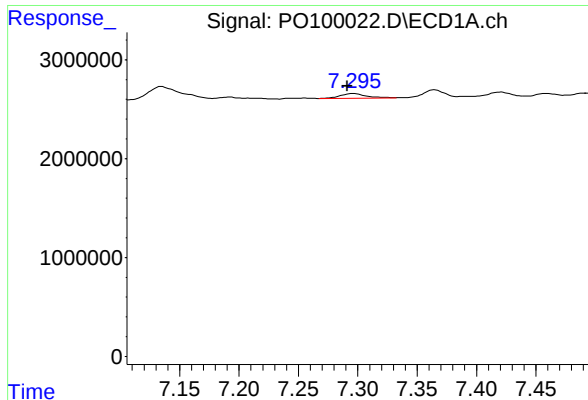
#30 AR-1254-5

R.T.: 7.862 min
Delta R.T.: 0.024 min
Response: 3017608
Conc: 70.50 ng/ml



#30 AR-1254-5

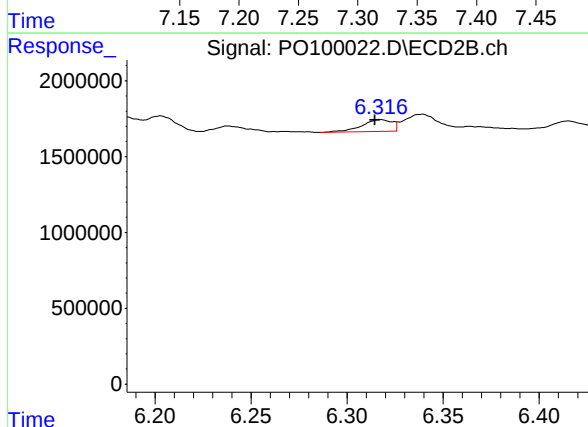
R.T.: 6.837 min
Delta R.T.: 0.002 min
Response: 3466996
Conc: 47.91 ng/ml



#31 AR-1260-1

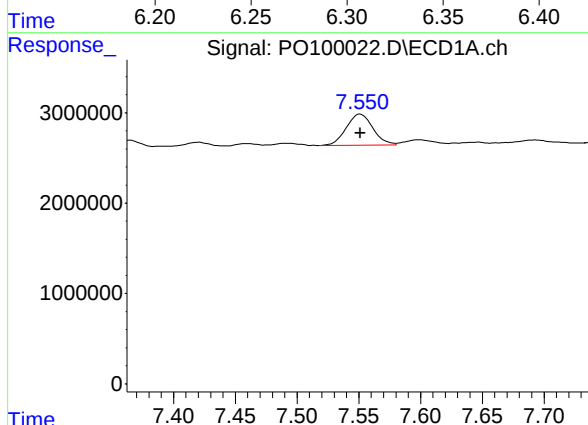
R.T.: 7.296 min
Delta R.T.: 0.005 min
Response: 760423
Conc: 14.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



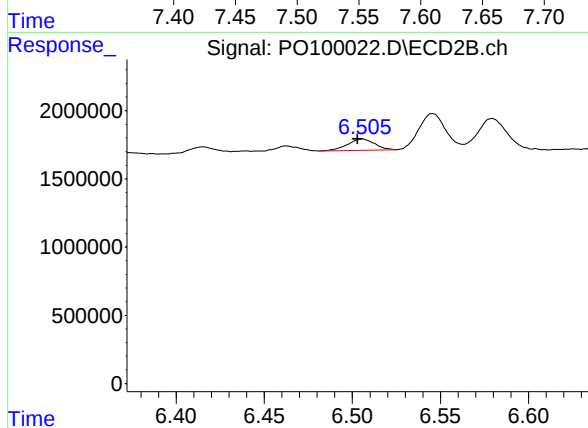
#31 AR-1260-1

R.T.: 6.317 min
Delta R.T.: 0.003 min
Response: 859573
Conc: 14.88 ng/ml



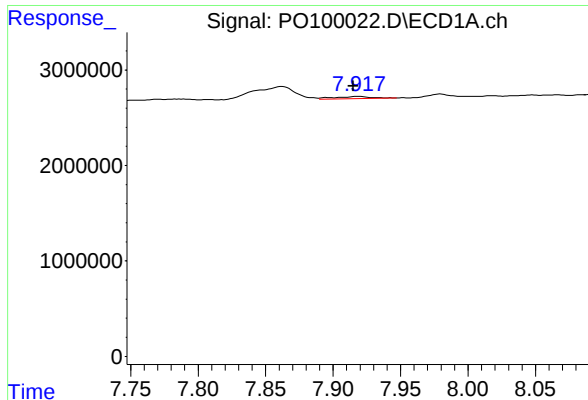
#32 AR-1260-2

R.T.: 7.551 min
Delta R.T.: 0.000 min
Response: 5161166
Conc: 97.57 ng/ml



#32 AR-1260-2

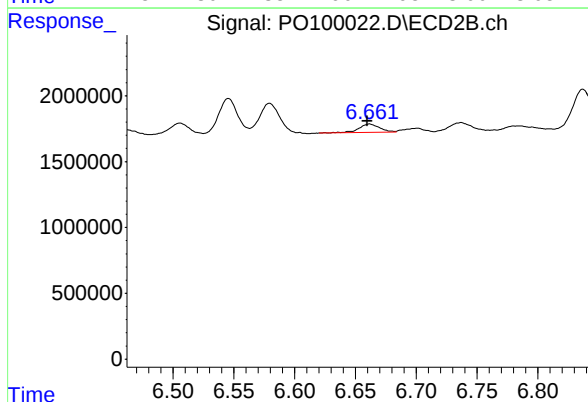
R.T.: 6.506 min
Delta R.T.: 0.003 min
Response: 901503
Conc: 13.57 ng/ml



#33 AR-1260-3

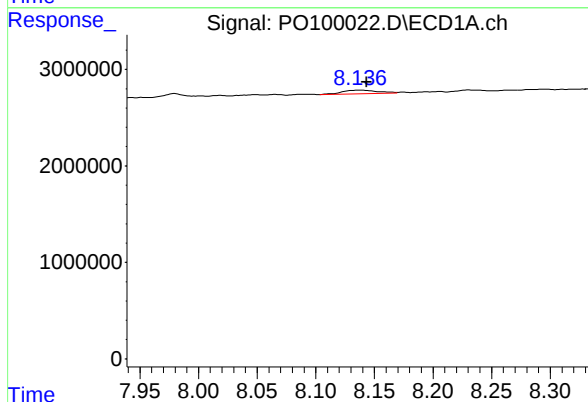
R.T.: 7.918 min
Delta R.T.: 0.003 min
Response: 431566
Conc: 12.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



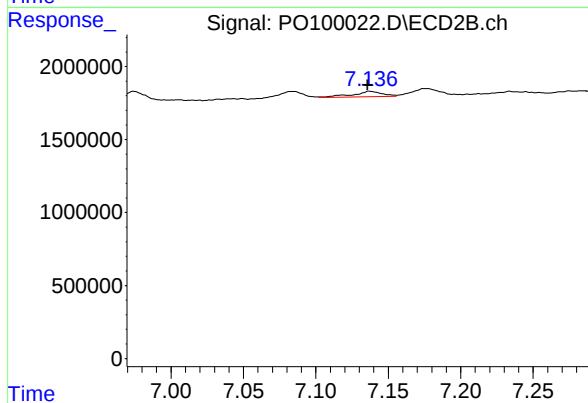
#33 AR-1260-3

R.T.: 6.662 min
Delta R.T.: 0.002 min
Response: 782378
Conc: 12.23 ng/ml



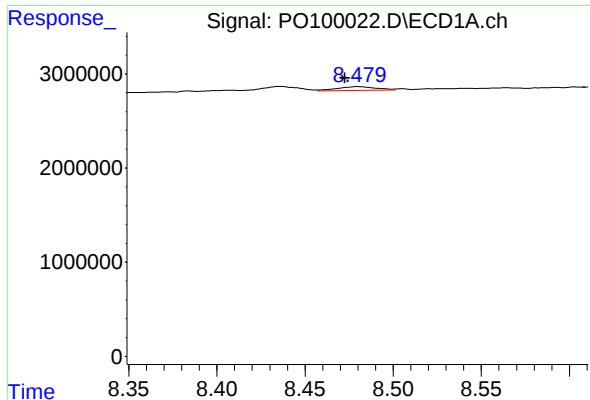
#34 AR-1260-4

R.T.: 8.137 min
Delta R.T.: -0.007 min
Response: 818197
Conc: 19.77 ng/ml



#34 AR-1260-4

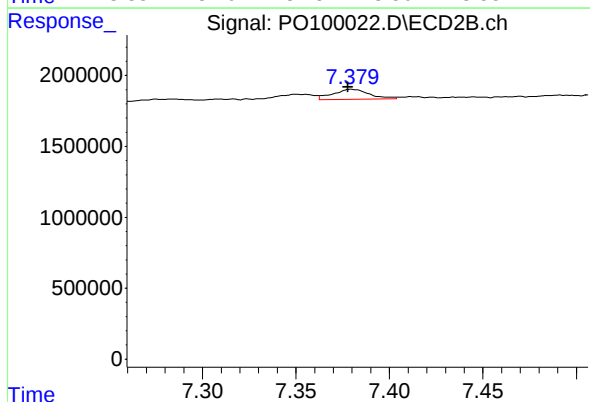
R.T.: 7.137 min
Delta R.T.: 0.002 min
Response: 531339
Conc: 10.54 ng/ml



#35 AR-1260-5

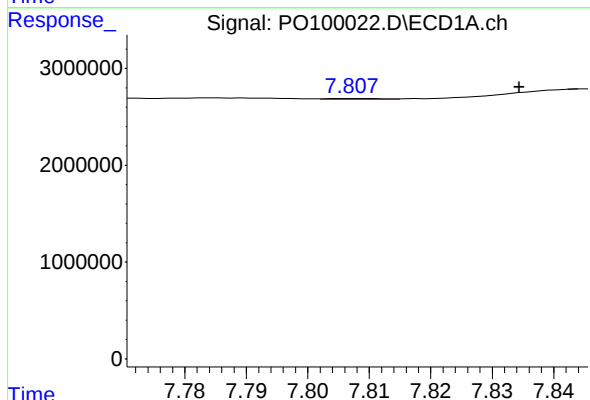
R.T.: 8.480 min
Delta R.T.: 0.008 min
Response: 646214
Conc: 9.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



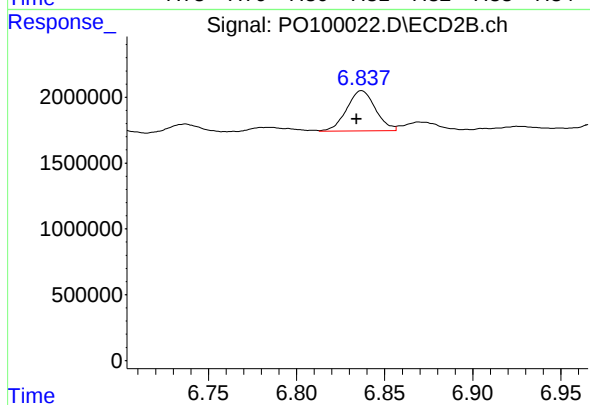
#35 AR-1260-5

R.T.: 7.380 min
Delta R.T.: 0.002 min
Response: 951656
Conc: 8.49 ng/ml



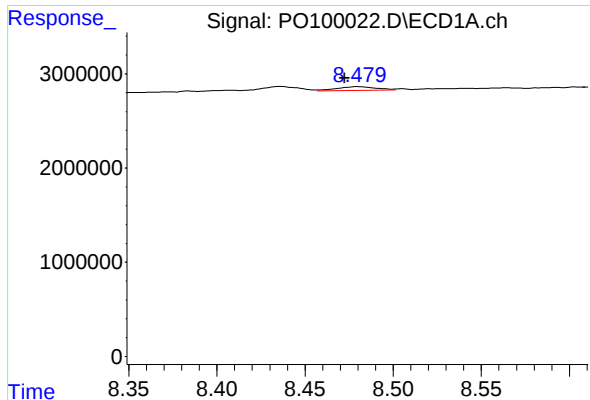
#36 AR-1262-1

R.T.: 7.808 min
Delta R.T.: -0.027 min
Response: 66170
Conc: 1.83 ng/ml



#36 AR-1262-1

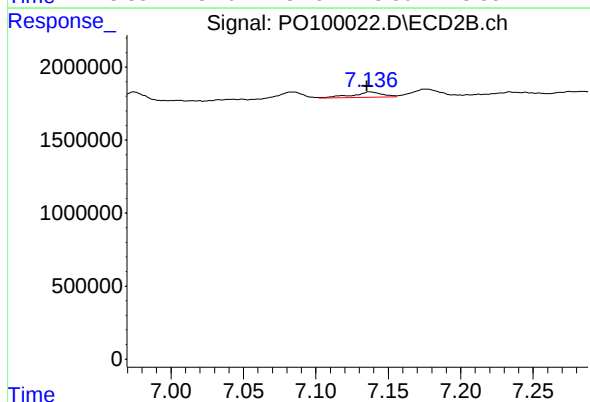
R.T.: 6.837 min
Delta R.T.: 0.003 min
Response: 3466996
Conc: 90.71 ng/ml



#37 AR-1262-2

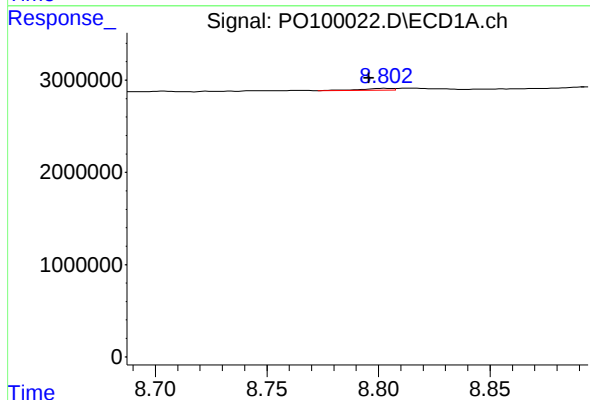
R.T.: 8.480 min
Delta R.T.: 0.008 min
Response: 646214
Conc: 7.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



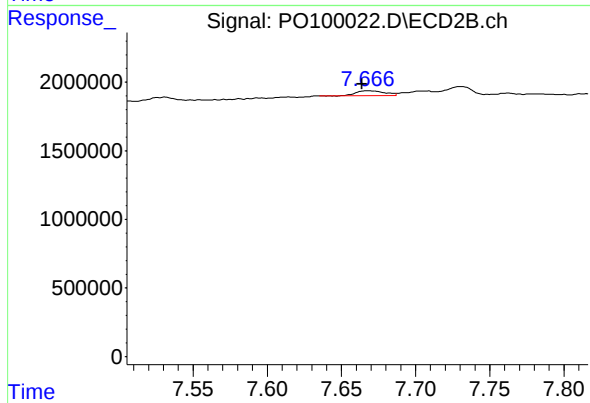
#37 AR-1262-2

R.T.: 7.137 min
Delta R.T.: 0.002 min
Response: 531339
Conc: 7.04 ng/ml



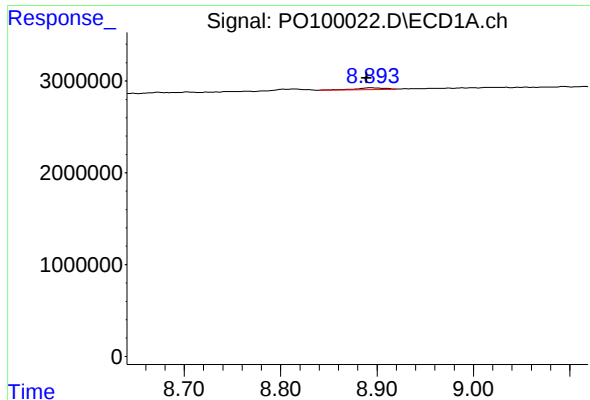
#38 AR-1262-3

R.T.: 8.803 min
Delta R.T.: 0.007 min
Response: 193319
Conc: 3.21 ng/ml



#38 AR-1262-3

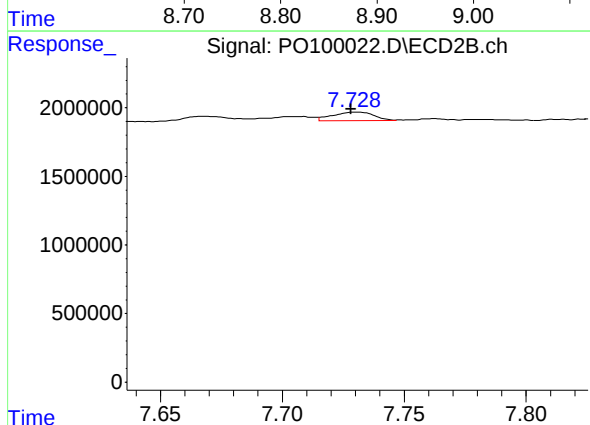
R.T.: 7.668 min
Delta R.T.: 0.004 min
Response: 484924
Conc: 8.33 ng/ml



#39 AR-1262-4

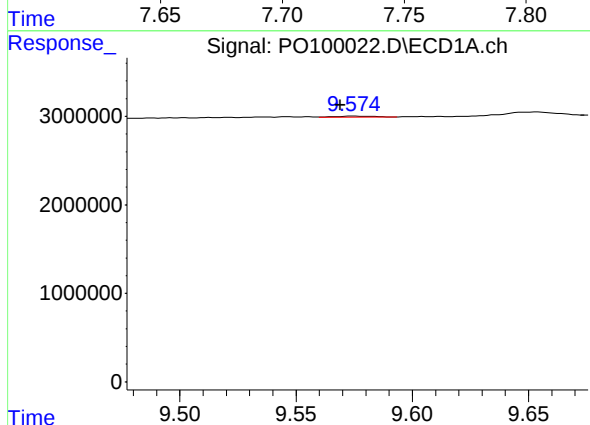
R.T.: 8.894 min
Delta R.T.: 0.004 min
Response: 434768
Conc: 9.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



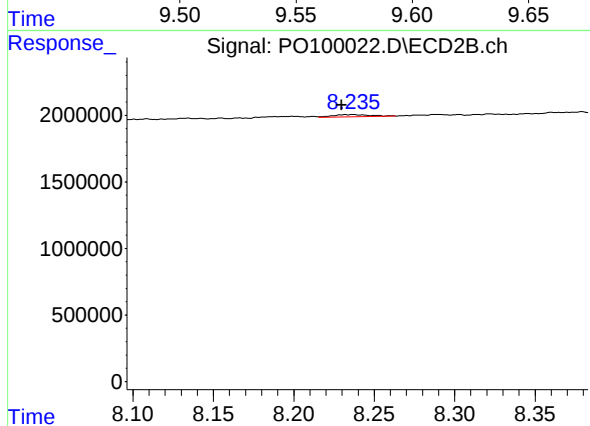
#39 AR-1262-4

R.T.: 7.730 min
Delta R.T.: 0.002 min
Response: 727875
Conc: 7.08 ng/ml



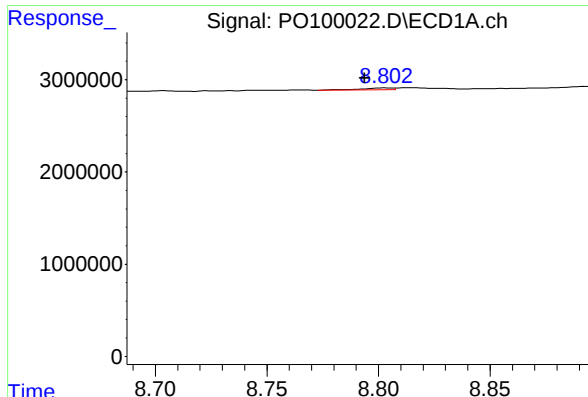
#40 AR-1262-5

R.T.: 9.574 min
Delta R.T.: 0.005 min
Response: 112411
Conc: 4.31 ng/ml



#40 AR-1262-5

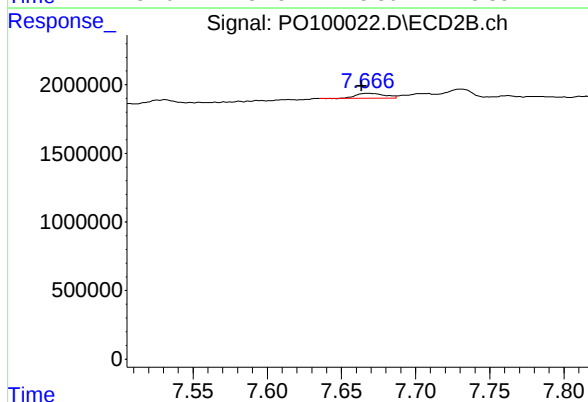
R.T.: 8.237 min
Delta R.T.: 0.007 min
Response: 249282
Conc: 5.72 ng/ml



#41 AR-1268-1

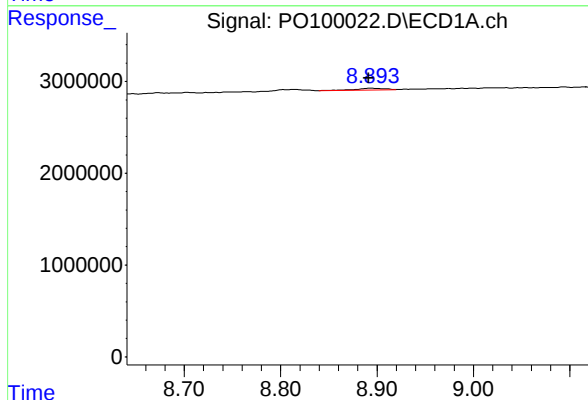
R.T.: 8.803 min
Delta R.T.: 0.009 min
Response: 193319
Conc: 1.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



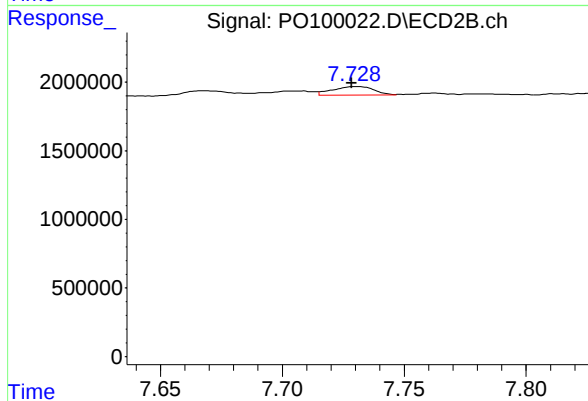
#41 AR-1268-1

R.T.: 7.668 min
Delta R.T.: 0.004 min
Response: 484924
Conc: 2.92 ng/ml



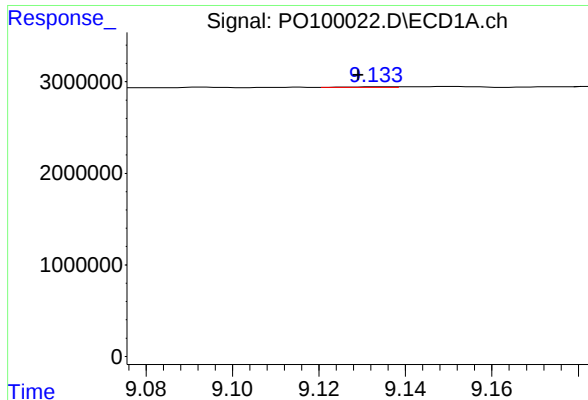
#42 AR-1268-2

R.T.: 8.894 min
Delta R.T.: 0.002 min
Response: 434768
Conc: 4.52 ng/ml



#42 AR-1268-2

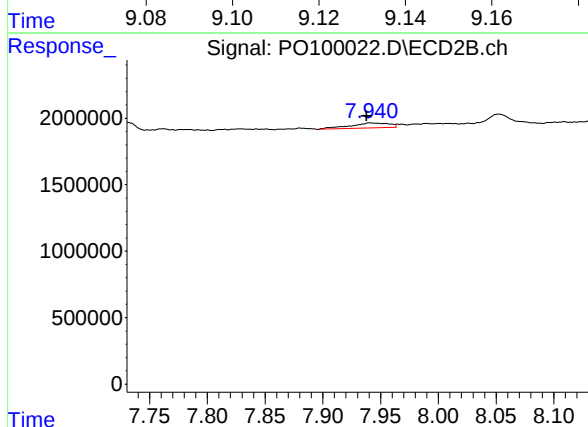
R.T.: 7.730 min
Delta R.T.: 0.002 min
Response: 727875
Conc: 4.77 ng/ml



#43 AR-1268-3

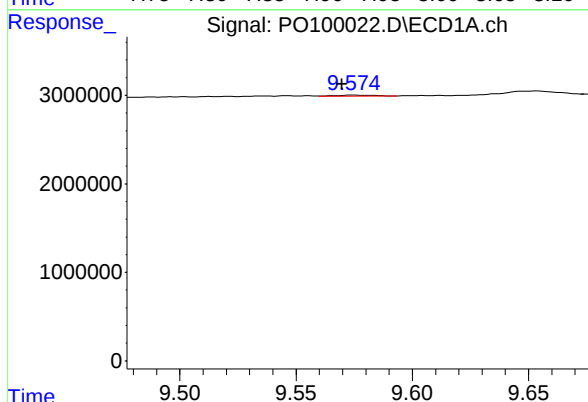
R.T.: 9.134 min
Delta R.T.: 0.004 min
Response: 39873
Conc: 0.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



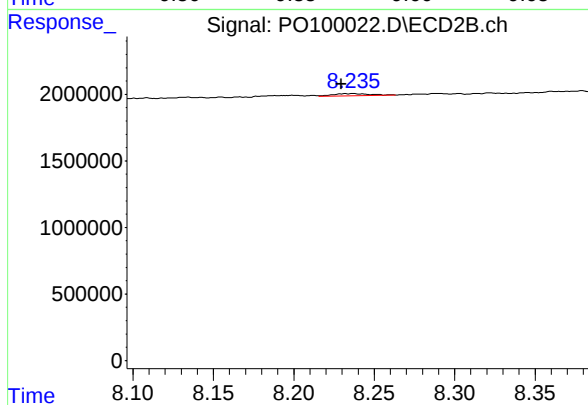
#43 AR-1268-3

R.T.: 7.941 min
Delta R.T.: 0.003 min
Response: 902107
Conc: 6.29 ng/ml



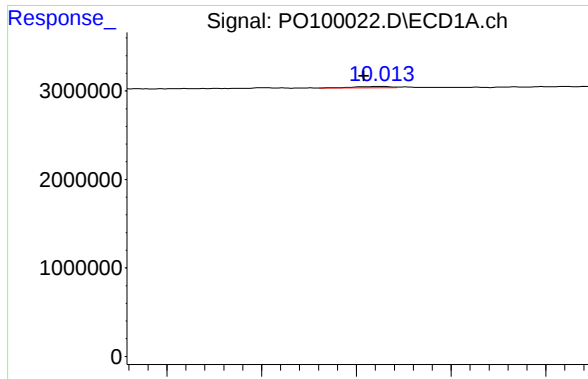
#44 AR-1268-4

R.T.: 9.574 min
Delta R.T.: 0.004 min
Response: 112411
Conc: 3.95 ng/ml



#44 AR-1268-4

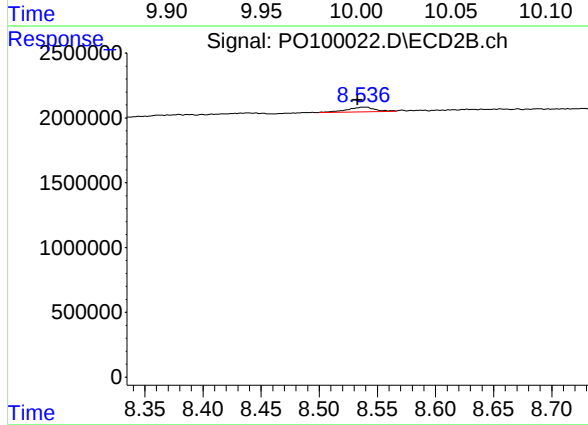
R.T.: 8.237 min
Delta R.T.: 0.007 min
Response: 249282
Conc: 5.31 ng/ml



#45 AR-1268-5

R.T.: 10.014 min
Delta R.T.: 0.010 min
Response: 236960
Conc: 0.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.539 min
Delta R.T.: 0.006 min
Response: 603017
Conc: 1.51 ng/ml