

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081023\
 Data File : P0096903.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Aug 2023 09:56
 Operator : YP/AJ
 Sample : 03572-09
 Misc : AR1660 MDL 25 PPB
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 21:32:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 08 04:34:41 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...	4.411	3.618	57916654	23323933	17.497	17.619
2)	SA Decachlor...	10.354	8.639	43127723	22877216	19.709	19.774
Target Compounds							
3)	L1 AR-1016-1	5.597	4.722	2343713	2623632	24.885	59.176 #
4)	L1 AR-1016-2	5.619	4.722	3202973	2623632	23.943	42.890 #
5)	L1 AR-1016-3	5.683	4.899	2007051	827327	23.064	25.325
6)	L1 AR-1016-4	5.783	4.942	1611870	744305	23.997	26.037
7)	L1 AR-1016-5	6.085	5.155	1833668	955591	26.264	24.855
8)	L2 AR-1221-1	4.615	0.000	384068	0	9.424	N.D. #
9)	L2 AR-1221-2	4.721	3.918	1383885	488921	45.553	37.840
10)	L2 AR-1221-3	4.787	3.993	1515812	614863	17.317	15.490
11)	L3 AR-1232-1	4.787	3.993	1515812	614863	20.783	19.008
12)	L3 AR-1232-2	5.325	4.722	2133297	2623632	53.809	90.932 #
13)	L3 AR-1232-3	5.619	4.899	3202973	827327	52.360	54.566
14)	L3 AR-1232-4	5.783	4.984	1611870	907980	52.824	60.756
15)	L3 AR-1232-5	5.876	5.155	1496005	955591	53.461	58.457
16)	L4 AR-1242-1	5.597	4.722	2343713	2623632	27.962	66.547 #
17)	L4 AR-1242-2	5.619	4.722	3202973	2623632	27.199	48.148 #
18)	L4 AR-1242-3	5.683	4.899	2007051	827327	27.169	27.980
19)	L4 AR-1242-4	5.783	4.984	1611870	907980	27.076	28.812
20)	L4 AR-1242-5	6.545	5.508	302690	938110	5.501	25.747 #
21)	L5 AR-1248-1	5.597	4.722	2343713	2623632	39.999	93.492 #
22)	L5 AR-1248-2	5.876	4.942	1496005	744305	15.912	17.562
23)	L5 AR-1248-3	6.085	4.984	1833668	907980	18.747	20.699
24)	L5 AR-1248-4	6.498	5.155	381188	955591	4.196	18.719 #
25)	L5 AR-1248-5	6.545	5.508f	302690	938110	3.436	20.066 #
26)	L6 AR-1254-1	6.471	5.508	1214190	938110	11.110	12.712
27)	L6 AR-1254-2	6.695	5.656	1326625	826181	8.228	12.541 #
28)	L6 AR-1254-3	7.074	6.076	1682365	1274086	10.736	12.607
29)	L6 AR-1254-4	7.365	6.289	583751	195288	5.790	3.374 #
30)	L6 AR-1254-5	7.795	6.709	3274507	2121083	29.181	24.126
31)	L7 AR-1260-1	7.241	6.192	3978730	1886332	31.656	26.807
32)	L7 AR-1260-2	7.505	6.381	3703203	2401246	27.485	28.770
33)	L7 AR-1260-3	7.875	6.535	2815836	1854864	27.134	24.021
34)	L7 AR-1260-4	8.107	7.008	3544560	1445211	31.703	22.552 #
35)	L7 AR-1260-5	8.441	7.251	6352838	3764235	30.255	27.152
36)	L8 AR-1262-1	7.875	6.801	2815836	970509	18.958	24.652 #
37)	L8 AR-1262-2	8.441	7.008	6352838	1445211	27.446	17.819 #
38)	L8 AR-1262-3	8.781	7.535	3348602	787545	20.076	12.272 #
39)	L8 AR-1262-4	8.861	7.599	1170571	2511223	16.056	22.106 #
40)	L8 AR-1262-5	9.554	8.096	1376527	895521	16.529	17.052
41)	L9 AR-1268-1	8.781	7.535	3348602	787545	10.893	4.250 #

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 Operator : YP/AJ
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 Misc : AR1660 MDL 25 PPB
 ALS Vial : 7 Sample Multiplier: 1

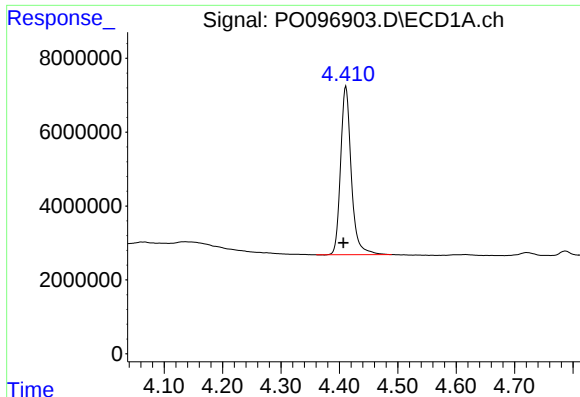
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 21:32:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080723.M
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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	8.861	7.599	1170571	2511223	4.269	14.976 #
43) L9	AR-1268-3	9.096	7.804	178129	296752	0.697	2.054 #
44) L9	AR-1268-4	9.554	8.096	1376527	895521	14.847	15.032
45) L9	AR-1268-5	9.996	8.387	714989	364575	0.885	0.877

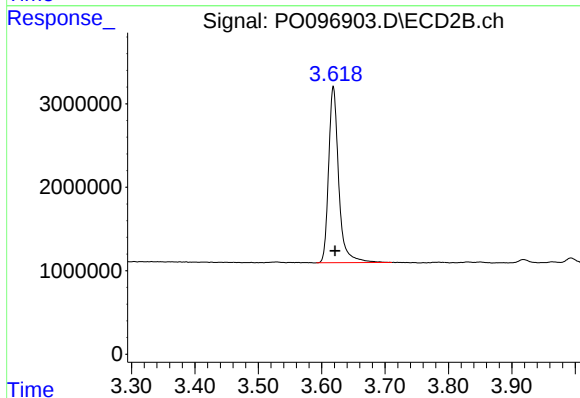
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

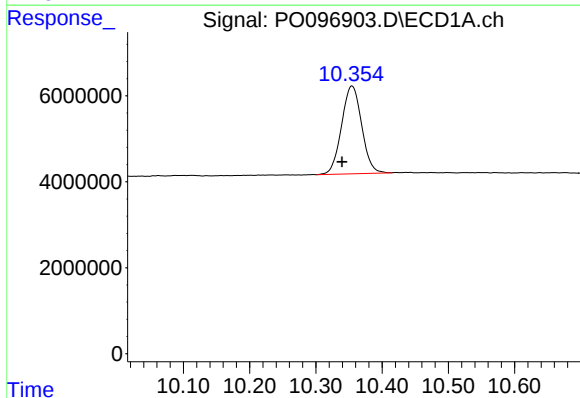
R.T.: 4.411 min
Delta R.T.: 0.004 min
Response: 57916654
Conc: 17.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



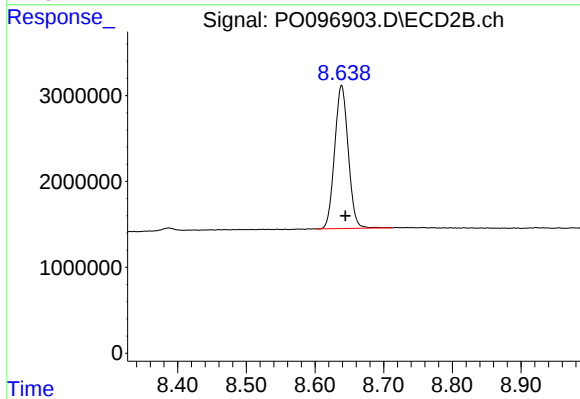
#1 Tetrachloro-m-xylene

R.T.: 3.618 min
Delta R.T.: -0.003 min
Response: 23323933
Conc: 17.62 ng/ml



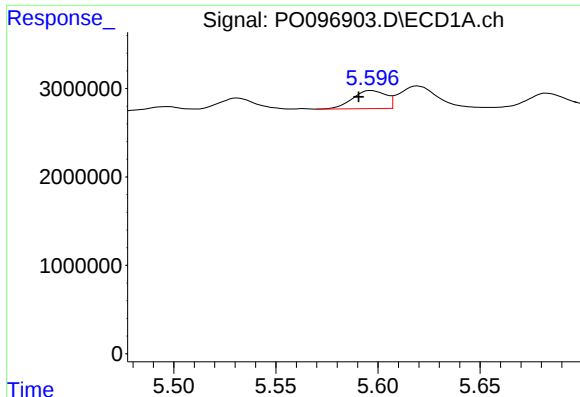
#2 Decachlorobiphenyl

R.T.: 10.354 min
Delta R.T.: 0.015 min
Response: 43127723
Conc: 19.71 ng/ml



#2 Decachlorobiphenyl

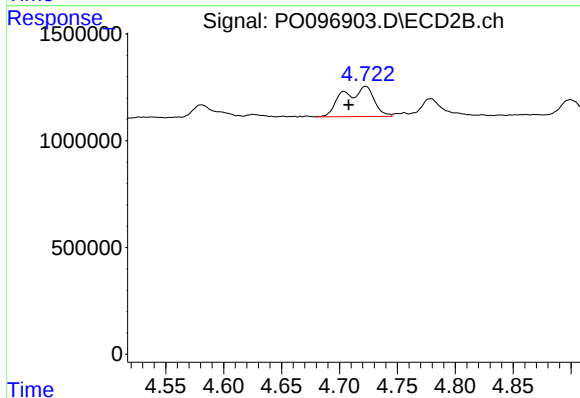
R.T.: 8.639 min
Delta R.T.: -0.005 min
Response: 22877216
Conc: 19.77 ng/ml



#3 AR-1016-1

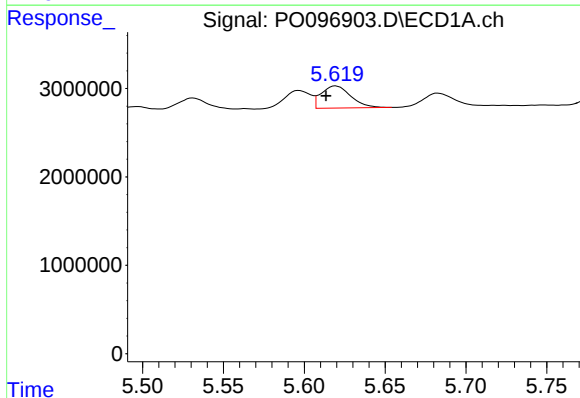
R.T.: 5.597 min
Delta R.T.: 0.006 min
Response: 2343713
Conc: 24.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



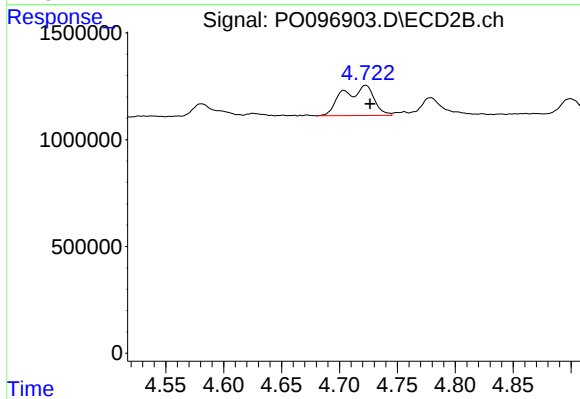
#3 AR-1016-1

R.T.: 4.722 min
Delta R.T.: 0.014 min
Response: 2623632
Conc: 59.18 ng/ml



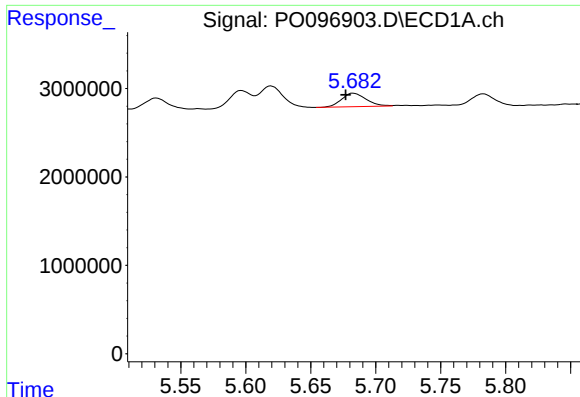
#4 AR-1016-2

R.T.: 5.619 min
Delta R.T.: 0.006 min
Response: 3202973
Conc: 23.94 ng/ml



#4 AR-1016-2

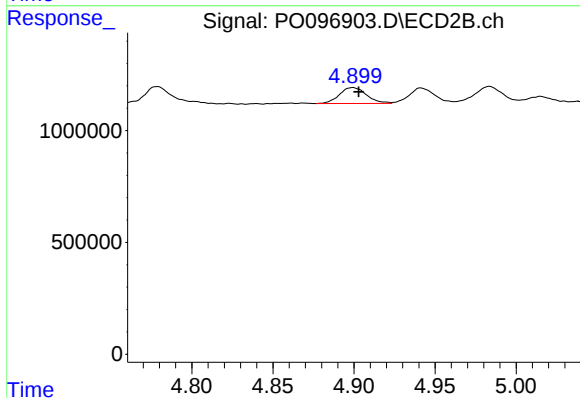
R.T.: 4.722 min
Delta R.T.: -0.004 min
Response: 2623632
Conc: 42.89 ng/ml



#5 AR-1016-3

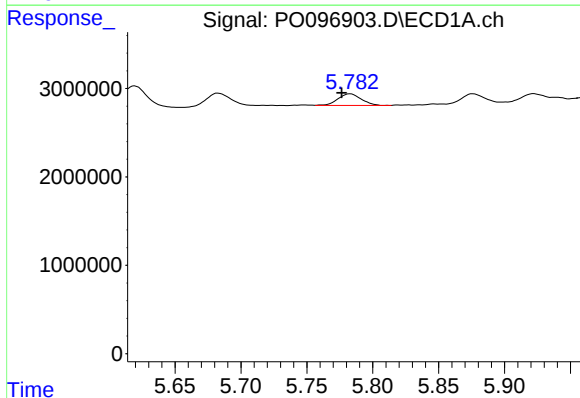
R.T.: 5.683 min
Delta R.T.: 0.006 min
Response: 2007051
Conc: 23.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



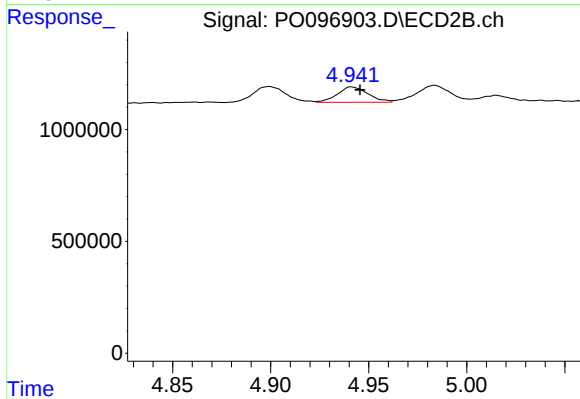
#5 AR-1016-3

R.T.: 4.899 min
Delta R.T.: -0.004 min
Response: 827327
Conc: 25.32 ng/ml



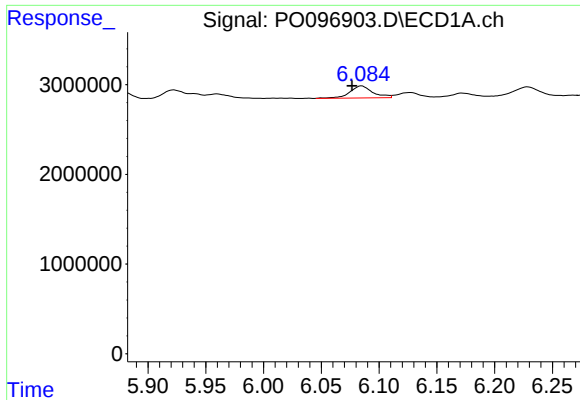
#6 AR-1016-4

R.T.: 5.783 min
Delta R.T.: 0.007 min
Response: 1611870
Conc: 24.00 ng/ml



#6 AR-1016-4

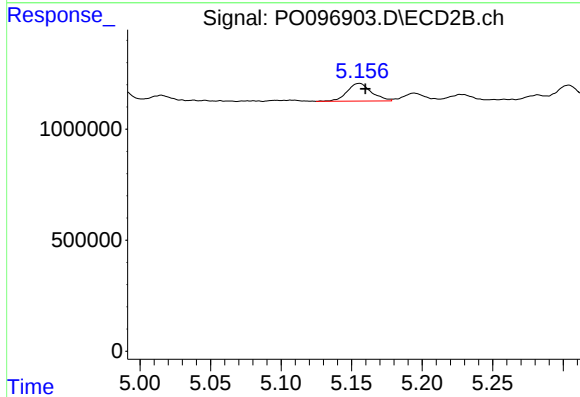
R.T.: 4.942 min
Delta R.T.: -0.004 min
Response: 744305
Conc: 26.04 ng/ml



#7 AR-1016-5

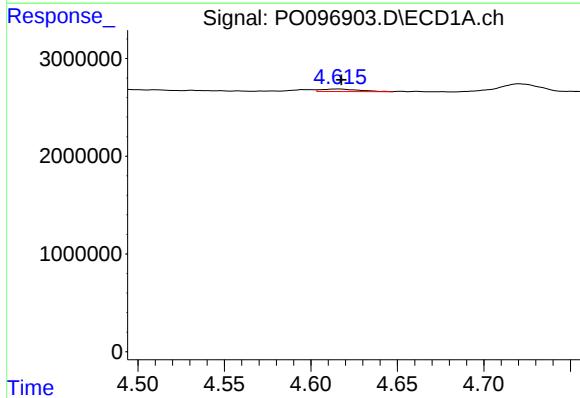
R.T.: 6.085 min
Delta R.T.: 0.008 min
Response: 1833668
Conc: 26.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



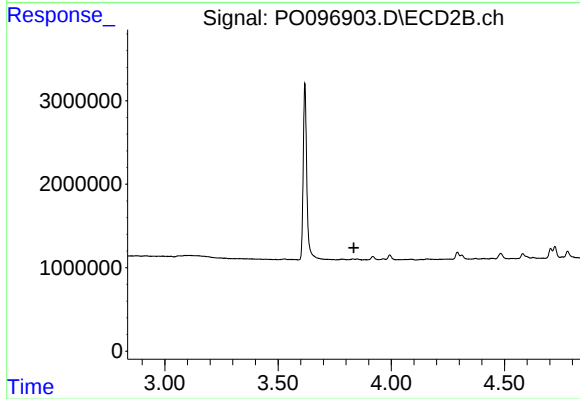
#7 AR-1016-5

R.T.: 5.155 min
Delta R.T.: -0.005 min
Response: 955591
Conc: 24.86 ng/ml



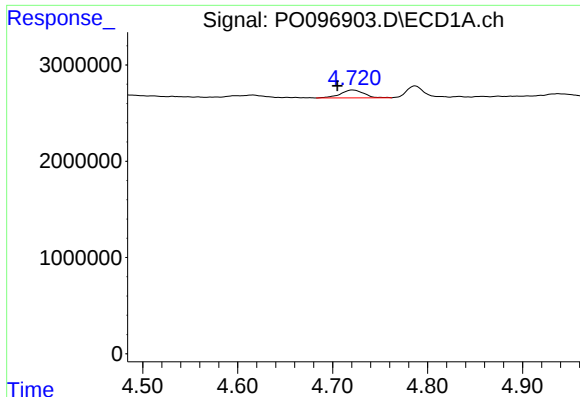
#8 AR-1221-1

R.T.: 4.615 min
Delta R.T.: -0.002 min
Response: 384068
Conc: 9.42 ng/ml



#8 AR-1221-1

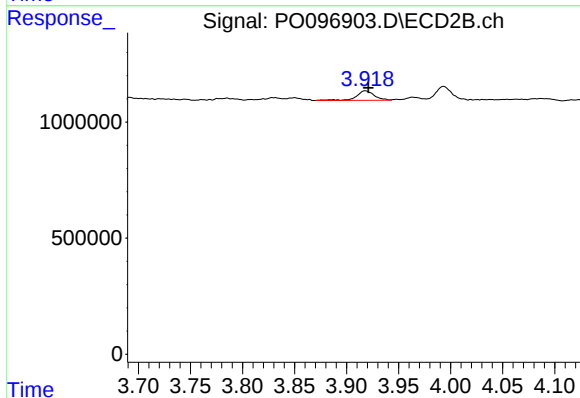
R.T.: 0.000 min
Exp R.T. : 3.835 min
Response: 0
Conc: N.D.



#9 AR-1221-2

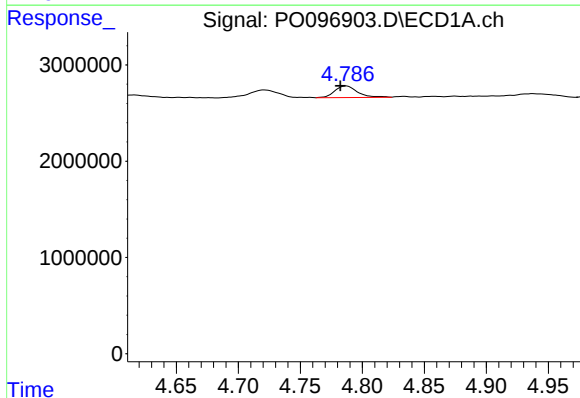
R.T.: 4.721 min
Delta R.T.: 0.016 min
Response: 1383885
Conc: 45.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



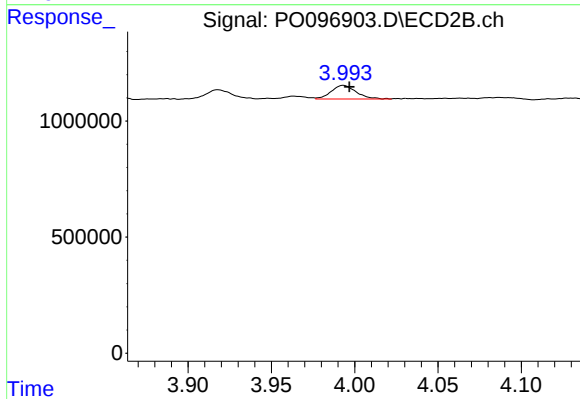
#9 AR-1221-2

R.T.: 3.918 min
Delta R.T.: -0.002 min
Response: 488921
Conc: 37.84 ng/ml



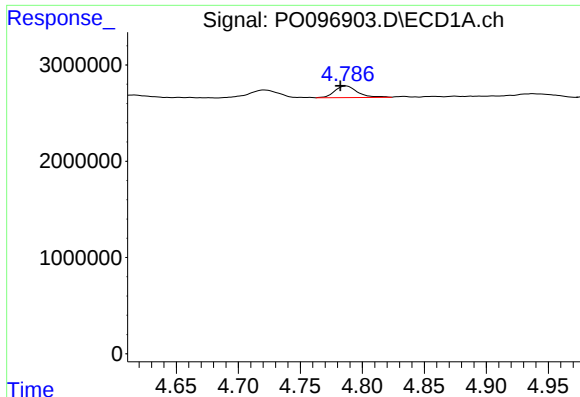
#10 AR-1221-3

R.T.: 4.787 min
Delta R.T.: 0.005 min
Response: 1515812
Conc: 17.32 ng/ml



#10 AR-1221-3

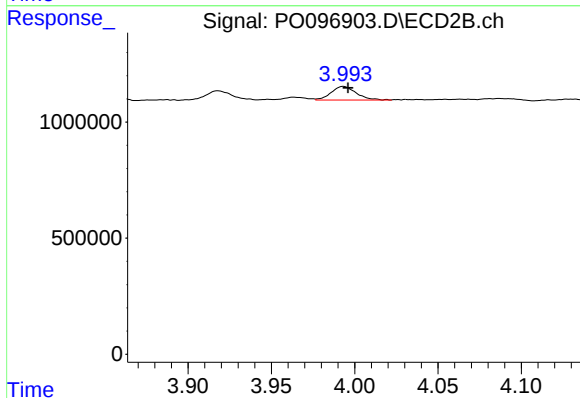
R.T.: 3.993 min
Delta R.T.: -0.003 min
Response: 614863
Conc: 15.49 ng/ml



#11 AR-1232-1

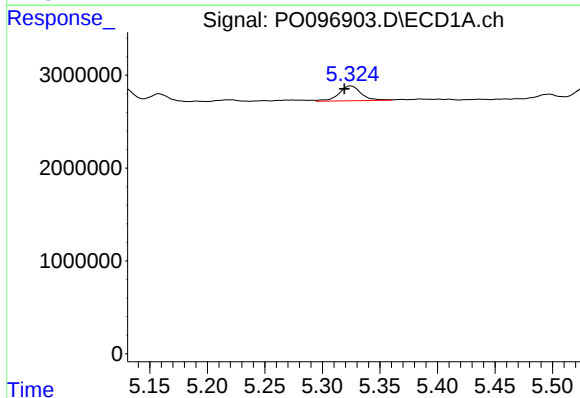
R.T.: 4.787 min
Delta R.T.: 0.005 min
Response: 1515812
Conc: 20.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



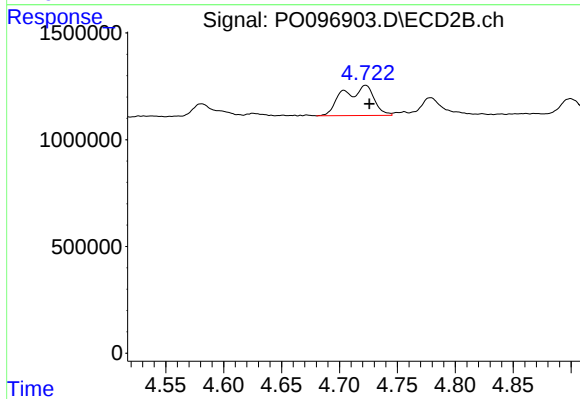
#11 AR-1232-1

R.T.: 3.993 min
Delta R.T.: -0.003 min
Response: 614863
Conc: 19.01 ng/ml



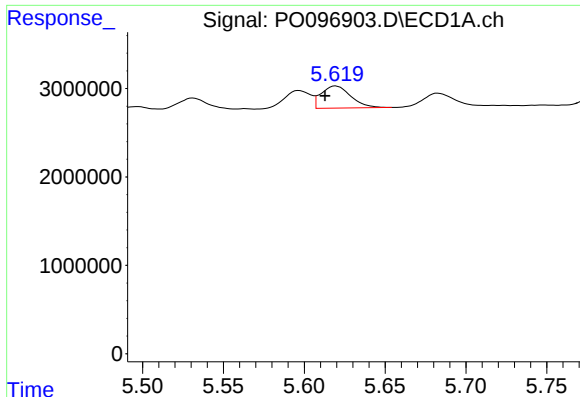
#12 AR-1232-2

R.T.: 5.325 min
Delta R.T.: 0.006 min
Response: 2133297
Conc: 53.81 ng/ml



#12 AR-1232-2

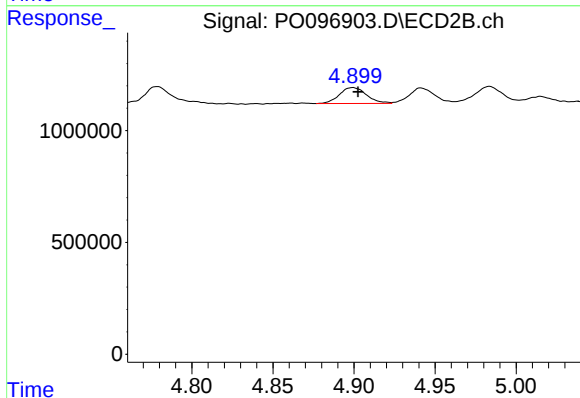
R.T.: 4.722 min
Delta R.T.: -0.003 min
Response: 2623632
Conc: 90.93 ng/ml



#13 AR-1232-3

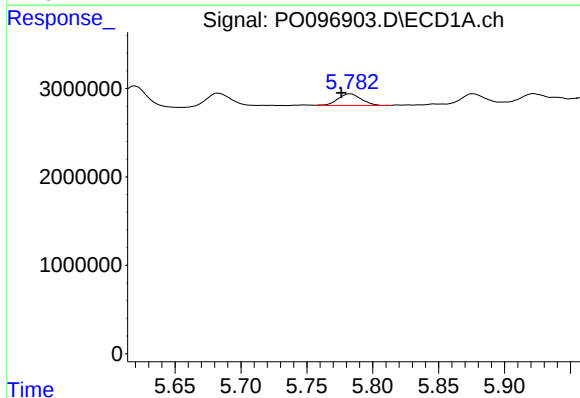
R.T.: 5.619 min
Delta R.T.: 0.006 min
Response: 3202973
Conc: 52.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



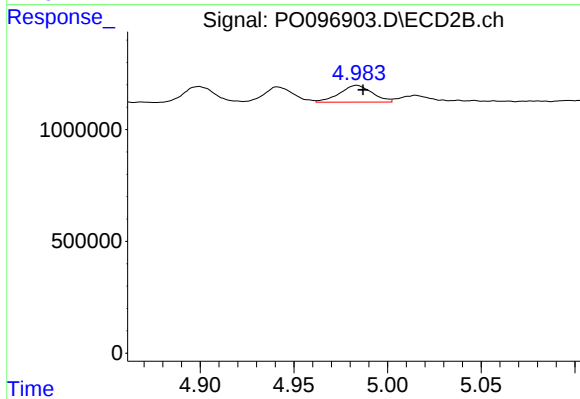
#13 AR-1232-3

R.T.: 4.899 min
Delta R.T.: -0.003 min
Response: 827327
Conc: 54.57 ng/ml



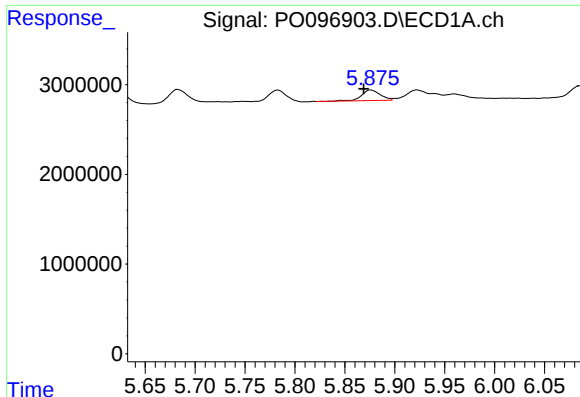
#14 AR-1232-4

R.T.: 5.783 min
Delta R.T.: 0.007 min
Response: 1611870
Conc: 52.82 ng/ml



#14 AR-1232-4

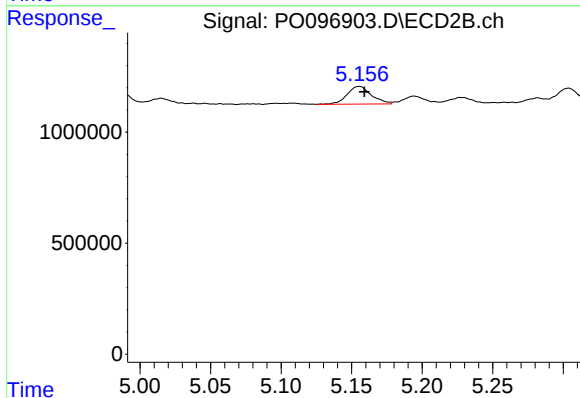
R.T.: 4.984 min
Delta R.T.: -0.003 min
Response: 907980
Conc: 60.76 ng/ml



#15 AR-1232-5

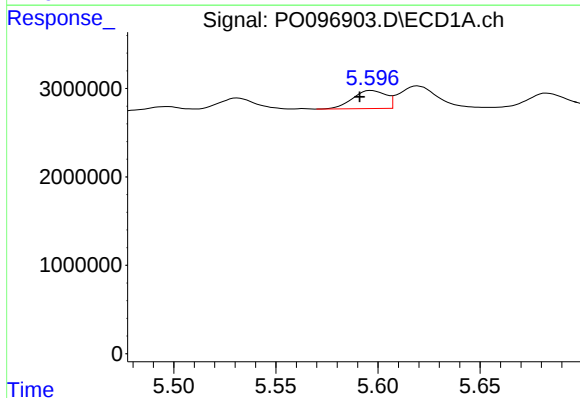
R.T.: 5.876 min
Delta R.T.: 0.007 min
Response: 1496005
Conc: 53.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



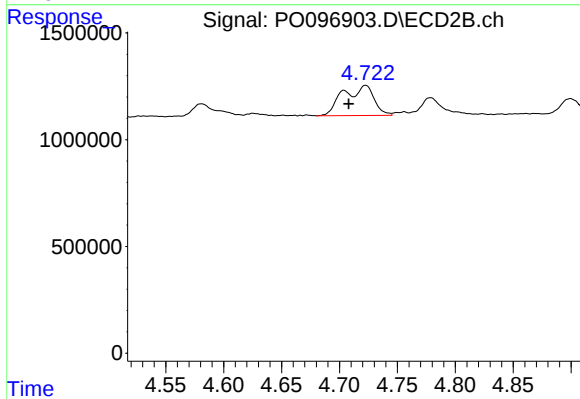
#15 AR-1232-5

R.T.: 5.155 min
Delta R.T.: -0.004 min
Response: 955591
Conc: 58.46 ng/ml



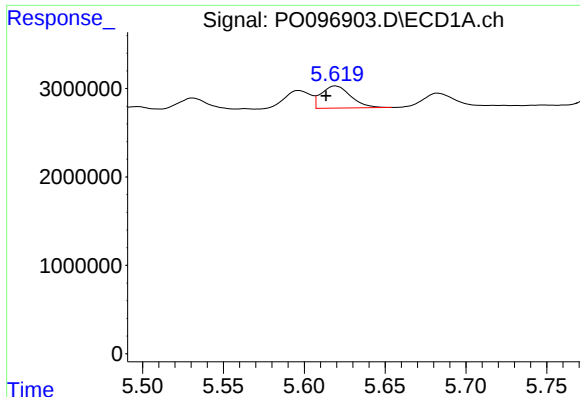
#16 AR-1242-1

R.T.: 5.597 min
Delta R.T.: 0.006 min
Response: 2343713
Conc: 27.96 ng/ml



#16 AR-1242-1

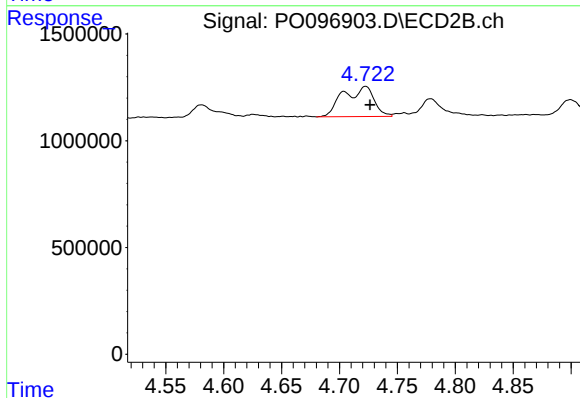
R.T.: 4.722 min
Delta R.T.: 0.015 min
Response: 2623632
Conc: 66.55 ng/ml



#17 AR-1242-2

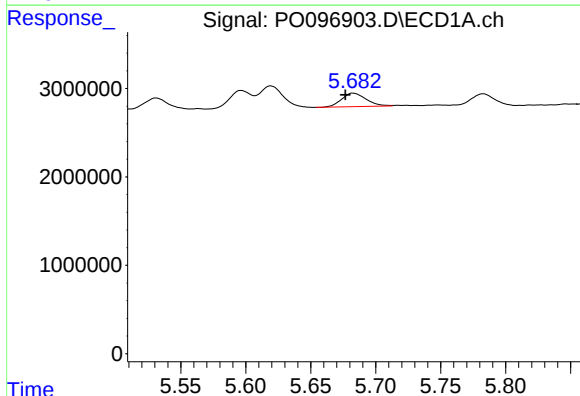
R.T.: 5.619 min
Delta R.T.: 0.006 min
Response: 3202973
Conc: 27.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



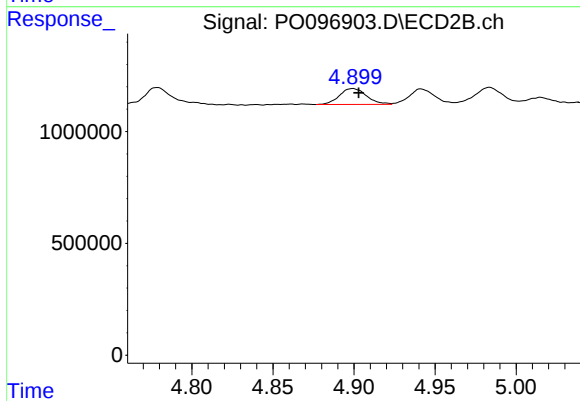
#17 AR-1242-2

R.T.: 4.722 min
Delta R.T.: -0.004 min
Response: 2623632
Conc: 48.15 ng/ml



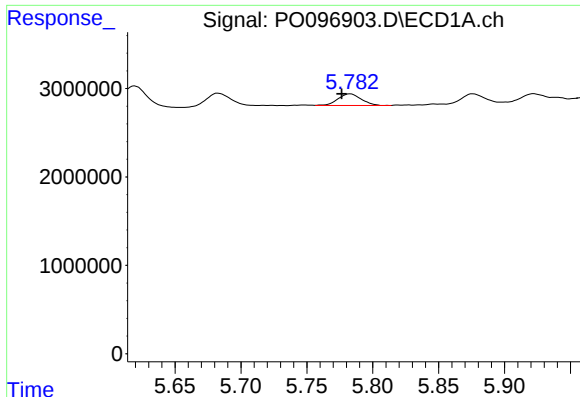
#18 AR-1242-3

R.T.: 5.683 min
Delta R.T.: 0.006 min
Response: 2007051
Conc: 27.17 ng/ml



#18 AR-1242-3

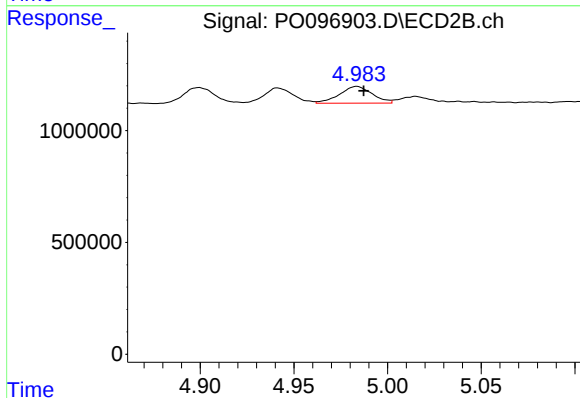
R.T.: 4.899 min
Delta R.T.: -0.004 min
Response: 827327
Conc: 27.98 ng/ml



#19 AR-1242-4

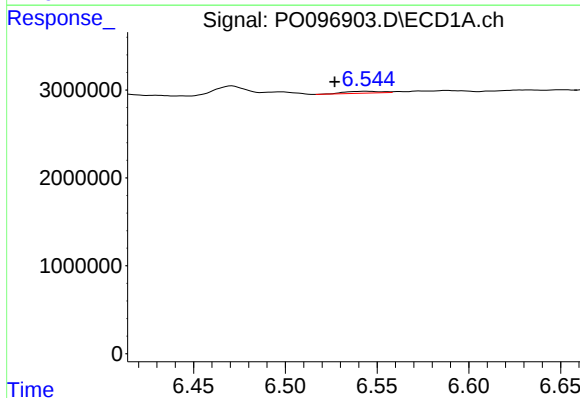
R.T.: 5.783 min
Delta R.T.: 0.006 min
Response: 1611870
Conc: 27.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



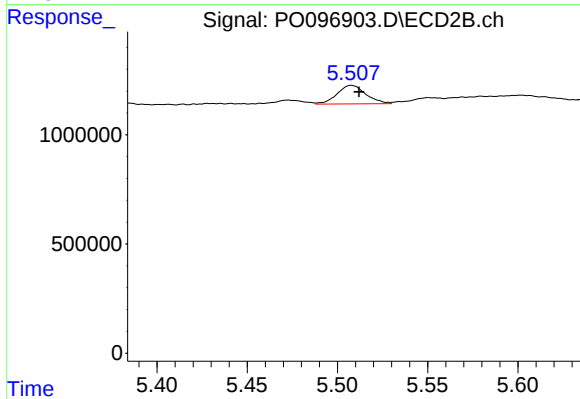
#19 AR-1242-4

R.T.: 4.984 min
Delta R.T.: -0.004 min
Response: 907980
Conc: 28.81 ng/ml



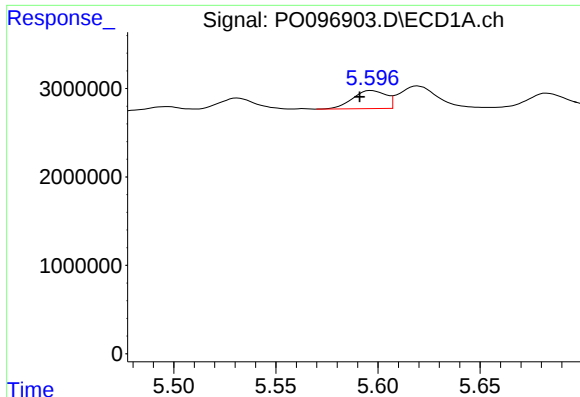
#20 AR-1242-5

R.T.: 6.545 min
Delta R.T.: 0.018 min
Response: 302690
Conc: 5.50 ng/ml



#20 AR-1242-5

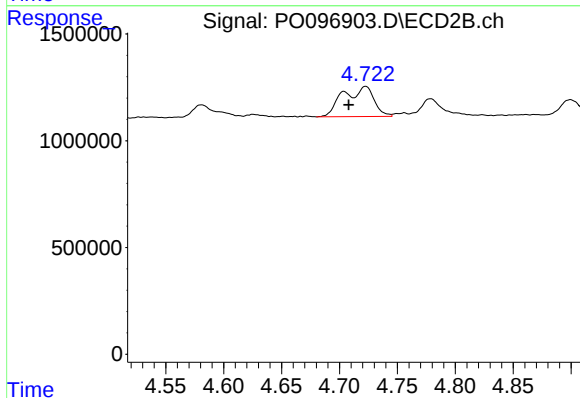
R.T.: 5.508 min
Delta R.T.: -0.004 min
Response: 938110
Conc: 25.75 ng/ml



#21 AR-1248-1

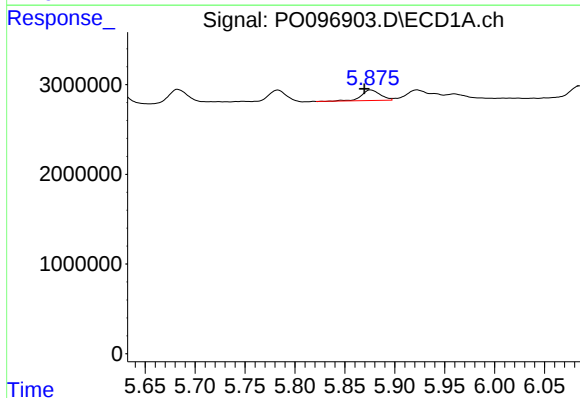
R.T.: 5.597 min
Delta R.T.: 0.006 min
Response: 2343713
Conc: 40.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



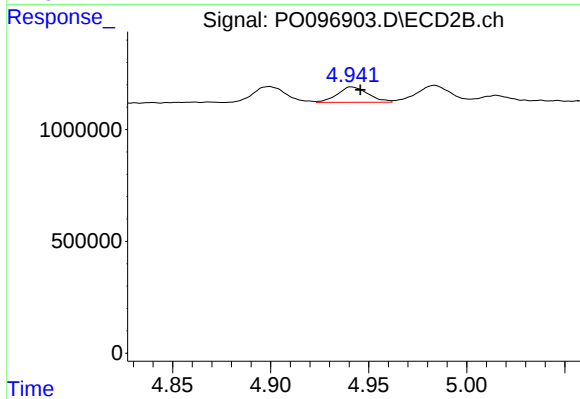
#21 AR-1248-1

R.T.: 4.722 min
Delta R.T.: 0.014 min
Response: 2623632
Conc: 93.49 ng/ml



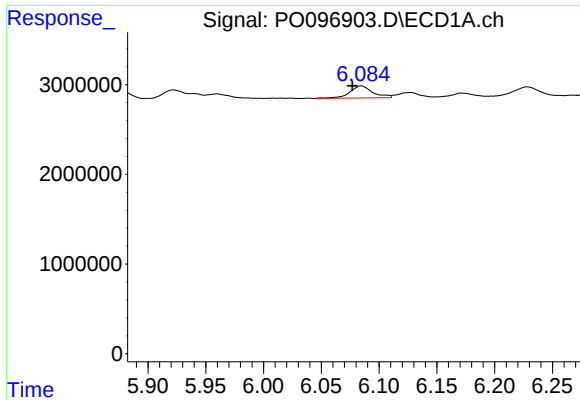
#22 AR-1248-2

R.T.: 5.876 min
Delta R.T.: 0.006 min
Response: 1496005
Conc: 15.91 ng/ml



#22 AR-1248-2

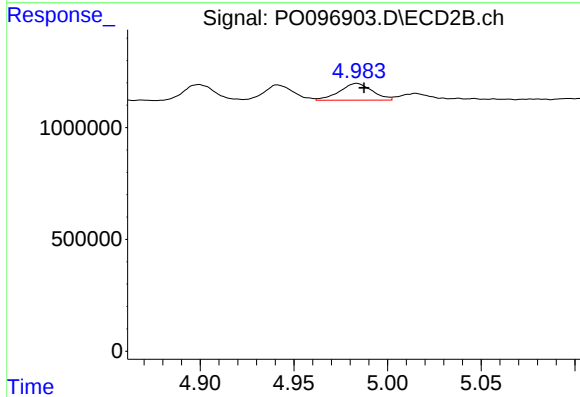
R.T.: 4.942 min
Delta R.T.: -0.004 min
Response: 744305
Conc: 17.56 ng/ml



#23 AR-1248-3

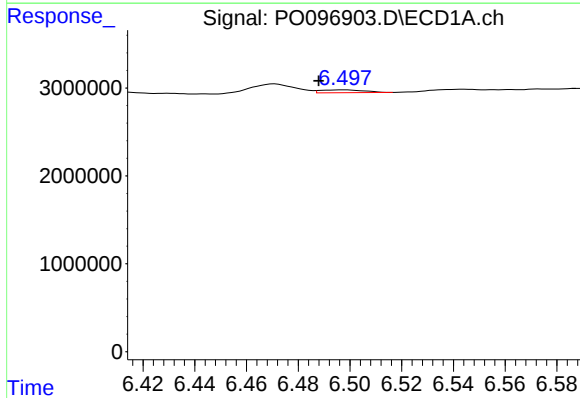
R.T.: 6.085 min
Delta R.T.: 0.008 min
Response: 1833668
Conc: 18.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



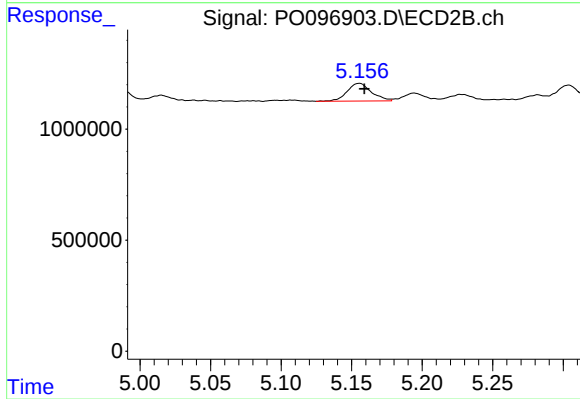
#23 AR-1248-3

R.T.: 4.984 min
Delta R.T.: -0.004 min
Response: 907980
Conc: 20.70 ng/ml



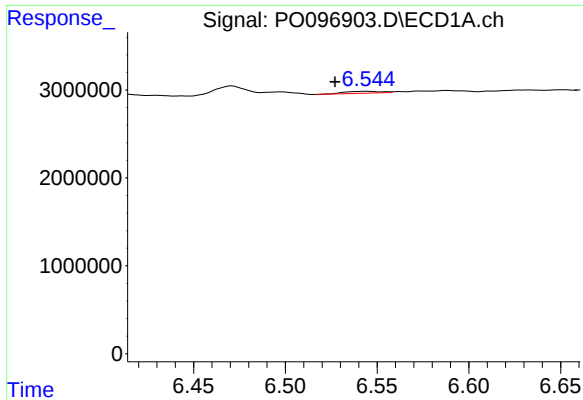
#24 AR-1248-4

R.T.: 6.498 min
Delta R.T.: 0.010 min
Response: 381188
Conc: 4.20 ng/ml



#24 AR-1248-4

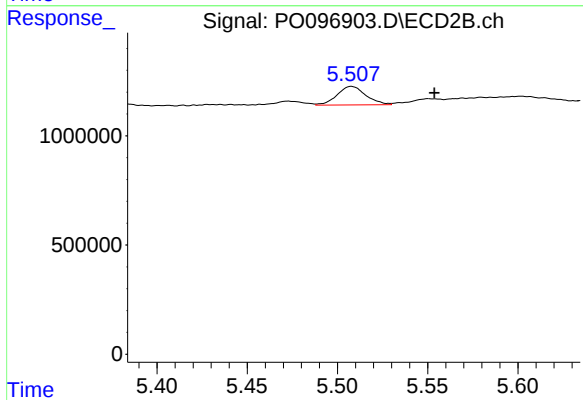
R.T.: 5.155 min
Delta R.T.: -0.004 min
Response: 955591
Conc: 18.72 ng/ml



#25 AR-1248-5

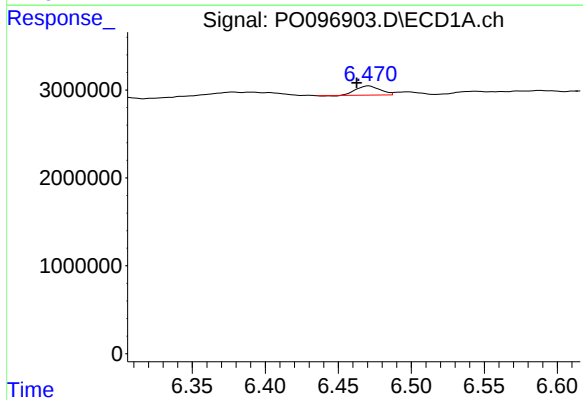
R.T.: 6.545 min
Delta R.T.: 0.017 min
Response: 302690
Conc: 3.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



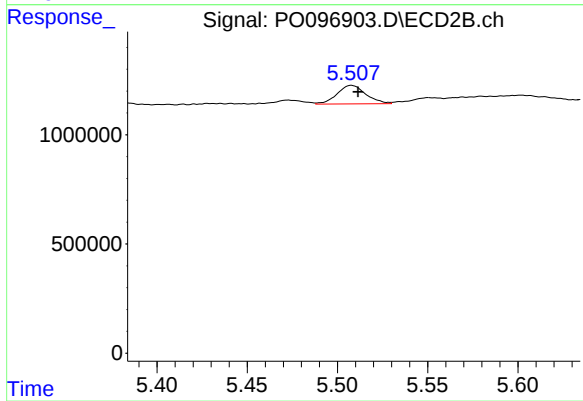
#25 AR-1248-5

R.T.: 5.508 min
Delta R.T.: -0.046 min
Response: 938110
Conc: 20.07 ng/ml



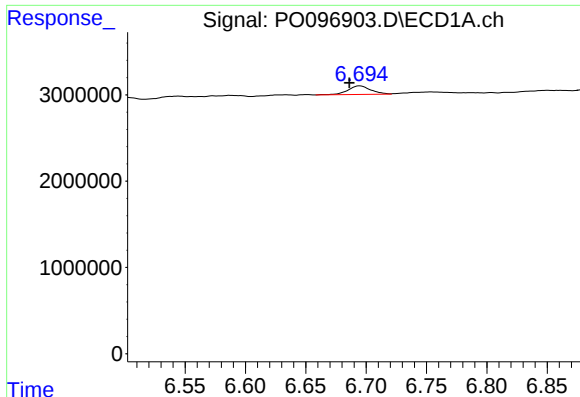
#26 AR-1254-1

R.T.: 6.471 min
Delta R.T.: 0.008 min
Response: 1214190
Conc: 11.11 ng/ml



#26 AR-1254-1

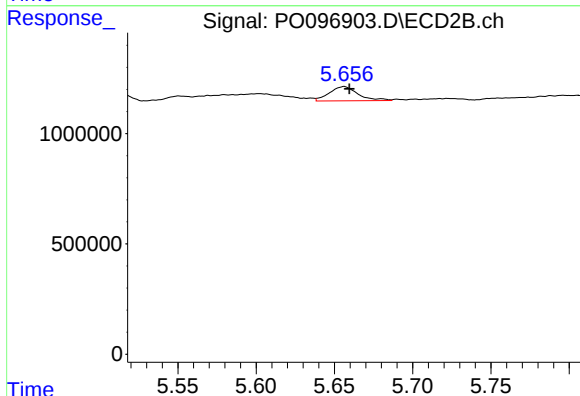
R.T.: 5.508 min
Delta R.T.: -0.004 min
Response: 938110
Conc: 12.71 ng/ml



#27 AR-1254-2

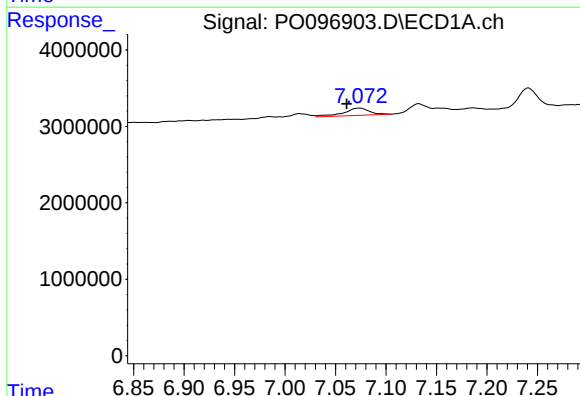
R.T.: 6.695 min
Delta R.T.: 0.009 min
Response: 1326625
Conc: 8.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



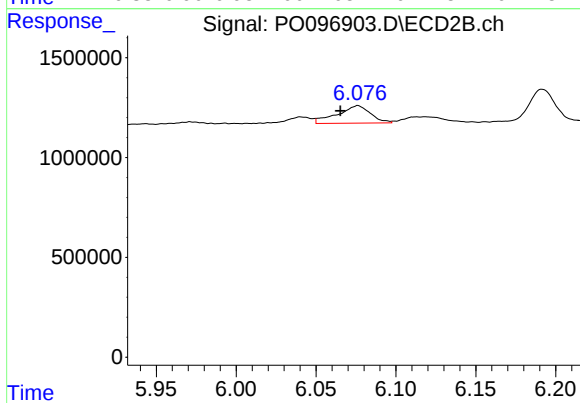
#27 AR-1254-2

R.T.: 5.656 min
Delta R.T.: -0.004 min
Response: 826181
Conc: 12.54 ng/ml



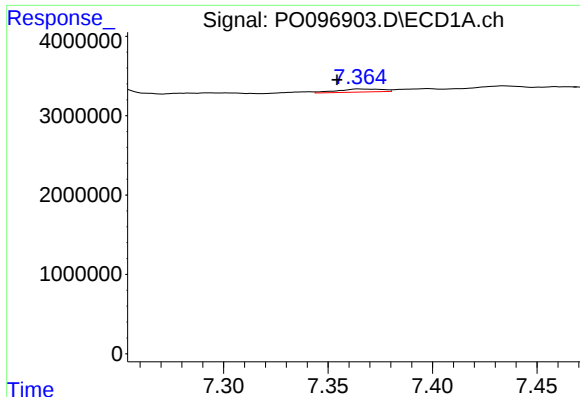
#28 AR-1254-3

R.T.: 7.074 min
Delta R.T.: 0.012 min
Response: 1682365
Conc: 10.74 ng/ml



#28 AR-1254-3

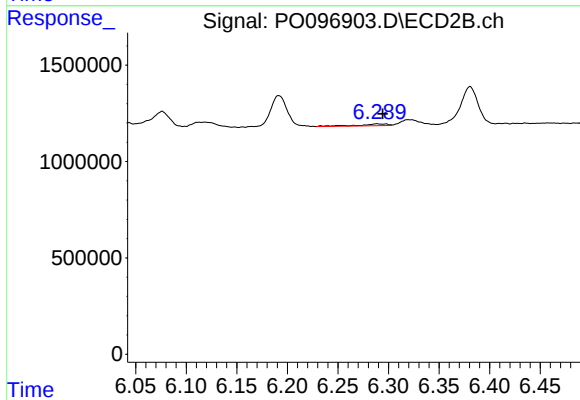
R.T.: 6.076 min
Delta R.T.: 0.011 min
Response: 1274086
Conc: 12.61 ng/ml



#29 AR-1254-4

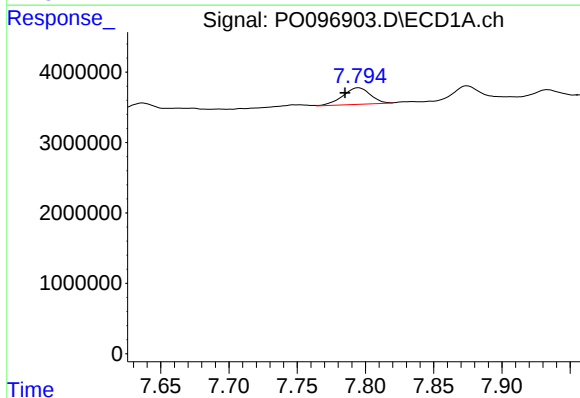
R.T.: 7.365 min
Delta R.T.: 0.011 min
Response: 583751
Conc: 5.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



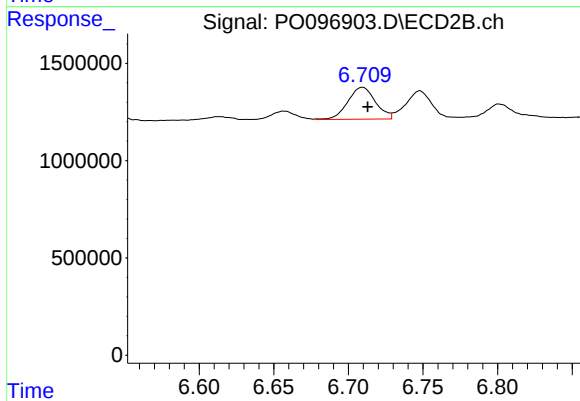
#29 AR-1254-4

R.T.: 6.289 min
Delta R.T.: -0.005 min
Response: 195288
Conc: 3.37 ng/ml



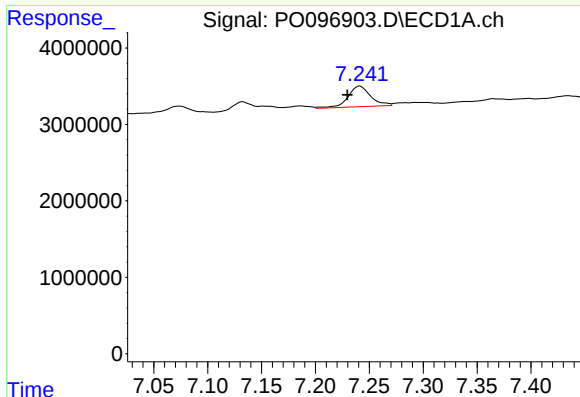
#30 AR-1254-5

R.T.: 7.795 min
Delta R.T.: 0.010 min
Response: 3274507
Conc: 29.18 ng/ml



#30 AR-1254-5

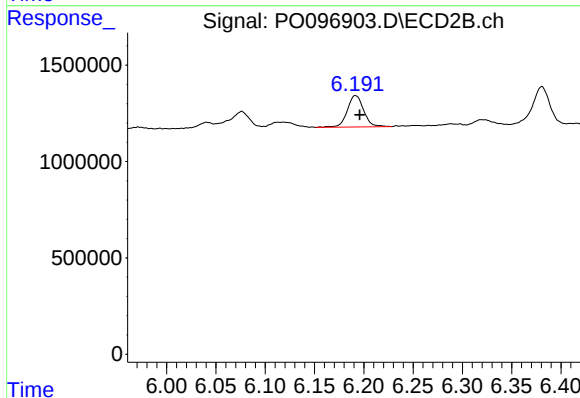
R.T.: 6.709 min
Delta R.T.: -0.004 min
Response: 2121083
Conc: 24.13 ng/ml



#31 AR-1260-1

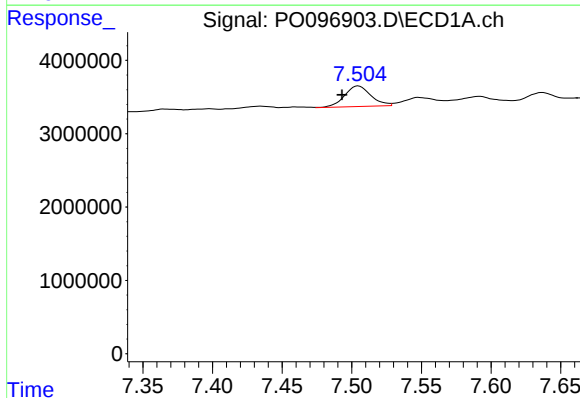
R.T.: 7.241 min
Delta R.T.: 0.011 min
Response: 3978730
Conc: 31.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



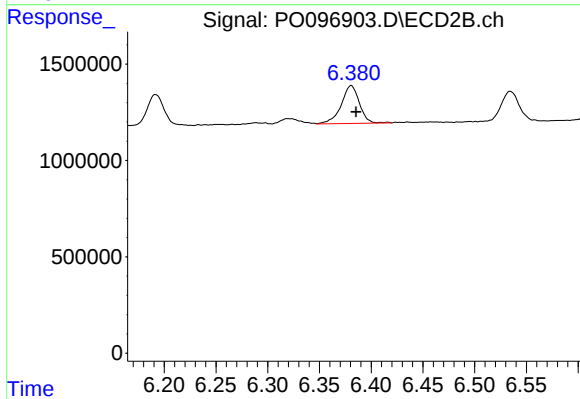
#31 AR-1260-1

R.T.: 6.192 min
Delta R.T.: -0.004 min
Response: 1886332
Conc: 26.81 ng/ml



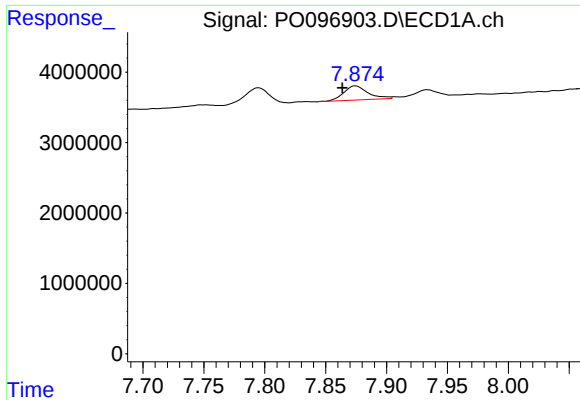
#32 AR-1260-2

R.T.: 7.505 min
Delta R.T.: 0.012 min
Response: 3703203
Conc: 27.49 ng/ml



#32 AR-1260-2

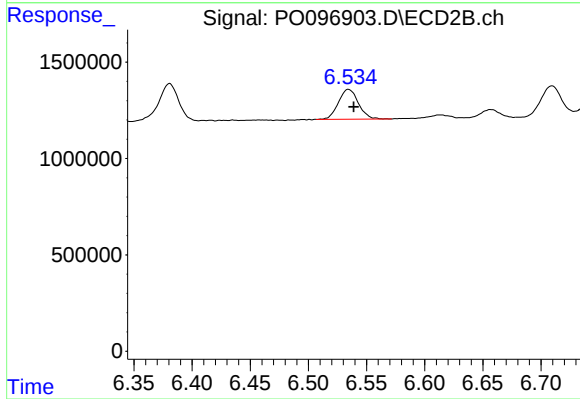
R.T.: 6.381 min
Delta R.T.: -0.005 min
Response: 2401246
Conc: 28.77 ng/ml



#33 AR-1260-3

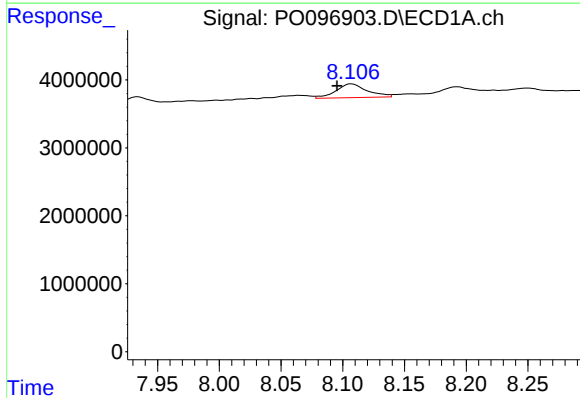
R.T.: 7.875 min
Delta R.T.: 0.011 min
Response: 2815836
Conc: 27.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



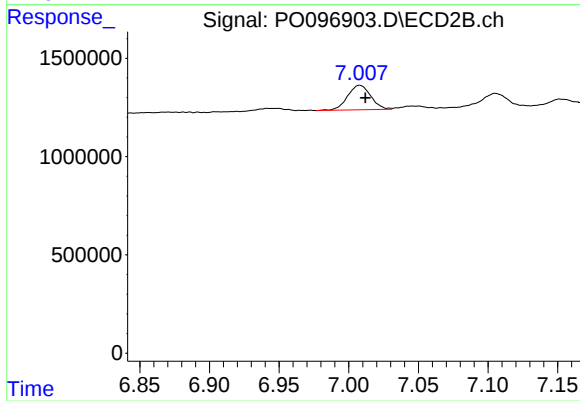
#33 AR-1260-3

R.T.: 6.535 min
Delta R.T.: -0.004 min
Response: 1854864
Conc: 24.02 ng/ml



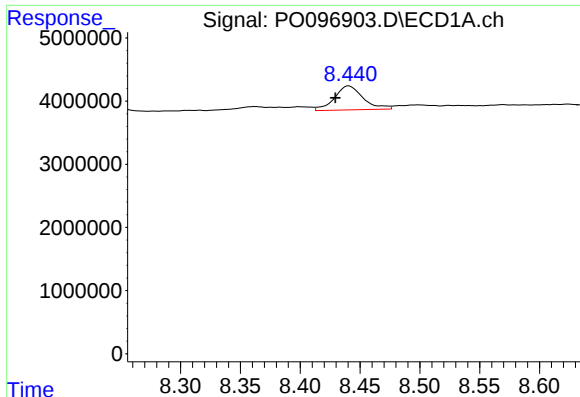
#34 AR-1260-4

R.T.: 8.107 min
Delta R.T.: 0.012 min
Response: 3544560
Conc: 31.70 ng/ml



#34 AR-1260-4

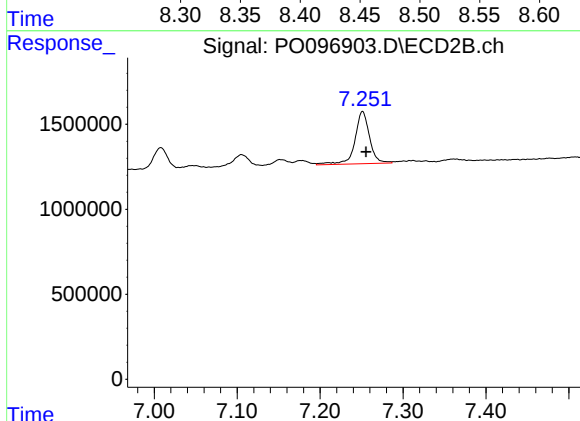
R.T.: 7.008 min
Delta R.T.: -0.004 min
Response: 1445211
Conc: 22.55 ng/ml



#35 AR-1260-5

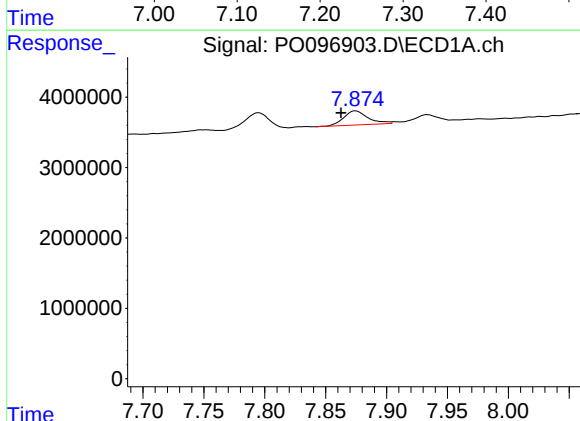
R.T.: 8.441 min
Delta R.T.: 0.011 min
Response: 6352838
Conc: 30.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



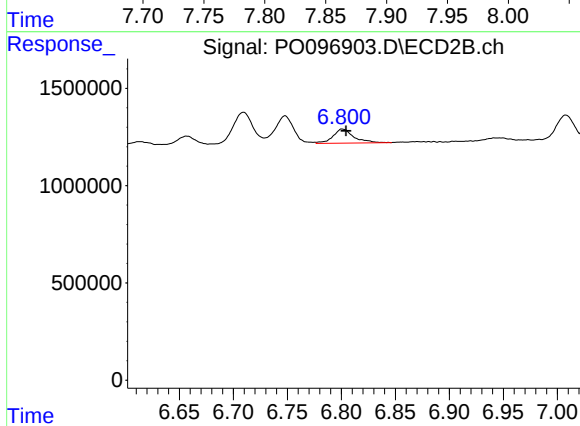
#35 AR-1260-5

R.T.: 7.251 min
Delta R.T.: -0.004 min
Response: 3764235
Conc: 27.15 ng/ml



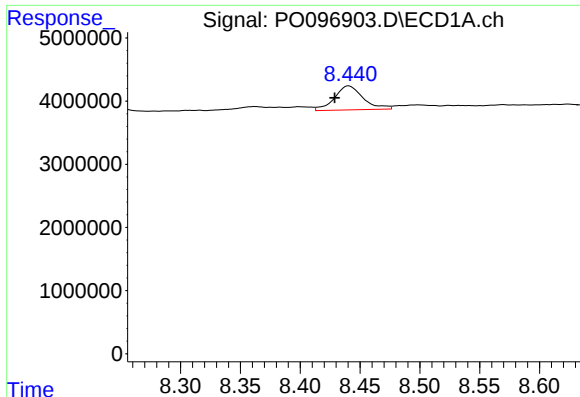
#36 AR-1262-1

R.T.: 7.875 min
Delta R.T.: 0.012 min
Response: 2815836
Conc: 18.96 ng/ml



#36 AR-1262-1

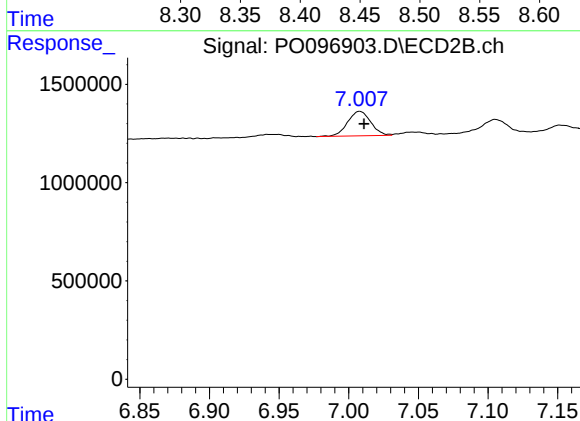
R.T.: 6.801 min
Delta R.T.: -0.003 min
Response: 970509
Conc: 24.65 ng/ml



#37 AR-1262-2

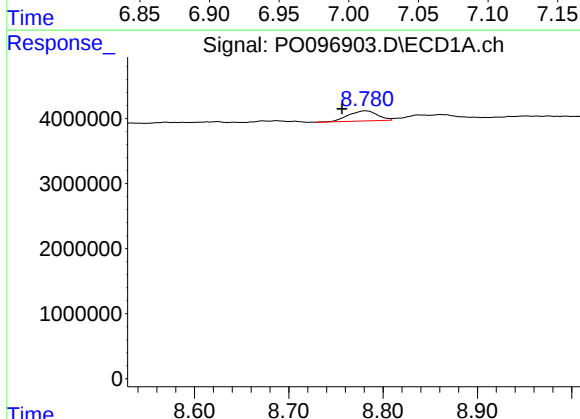
R.T.: 8.441 min
Delta R.T.: 0.012 min
Response: 6352838
Conc: 27.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



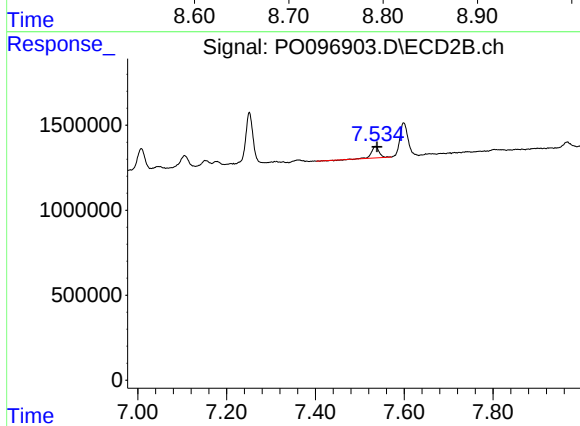
#37 AR-1262-2

R.T.: 7.008 min
Delta R.T.: -0.003 min
Response: 1445211
Conc: 17.82 ng/ml



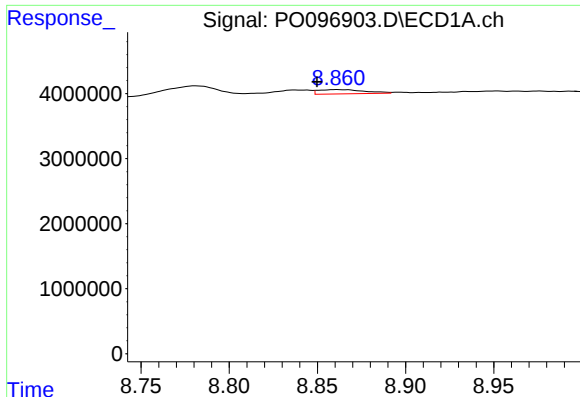
#38 AR-1262-3

R.T.: 8.781 min
Delta R.T.: 0.024 min
Response: 3348602
Conc: 20.08 ng/ml



#38 AR-1262-3

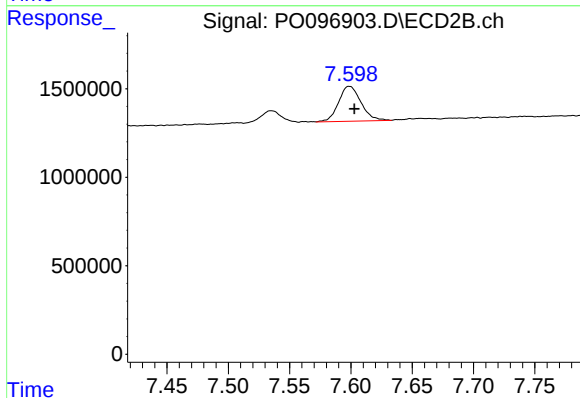
R.T.: 7.535 min
Delta R.T.: -0.003 min
Response: 787545
Conc: 12.27 ng/ml



#39 AR-1262-4

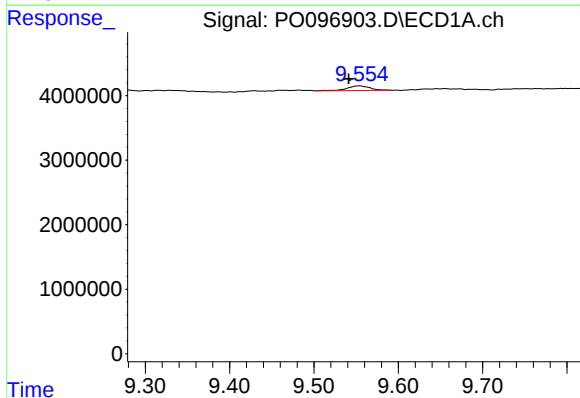
R.T.: 8.861 min
Delta R.T.: 0.011 min
Response: 1170571
Conc: 16.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



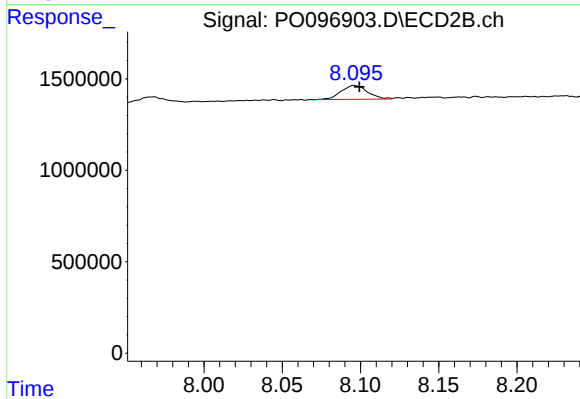
#39 AR-1262-4

R.T.: 7.599 min
Delta R.T.: -0.004 min
Response: 2511223
Conc: 22.11 ng/ml



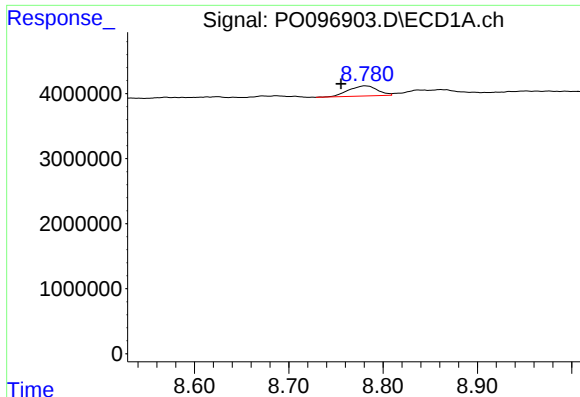
#40 AR-1262-5

R.T.: 9.554 min
Delta R.T.: 0.013 min
Response: 1376527
Conc: 16.53 ng/ml



#40 AR-1262-5

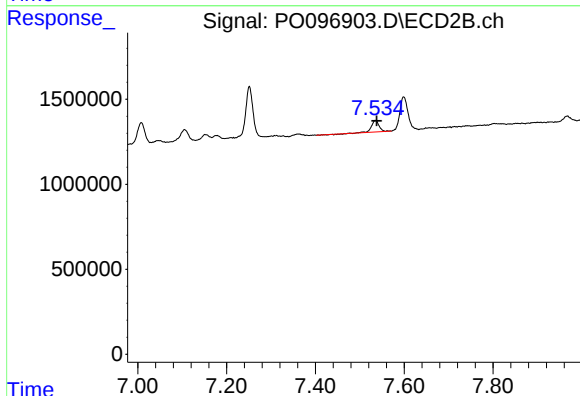
R.T.: 8.096 min
Delta R.T.: -0.003 min
Response: 895521
Conc: 17.05 ng/ml



#41 AR-1268-1

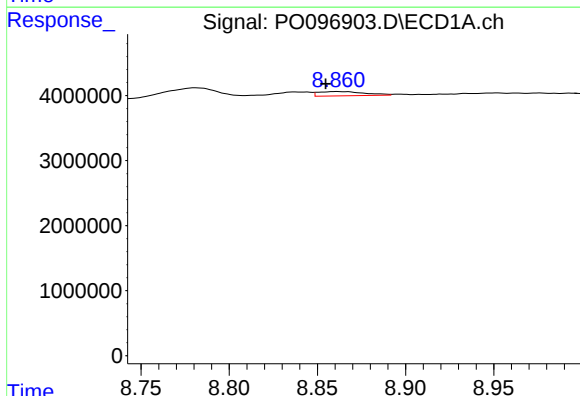
R.T.: 8.781 min
Delta R.T.: 0.026 min
Response: 3348602
Conc: 10.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



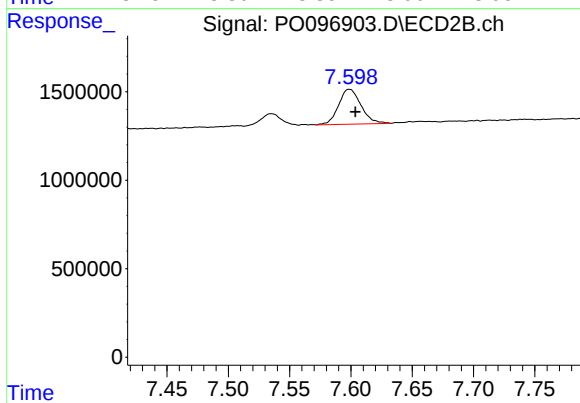
#41 AR-1268-1

R.T.: 7.535 min
Delta R.T.: -0.003 min
Response: 787545
Conc: 4.25 ng/ml



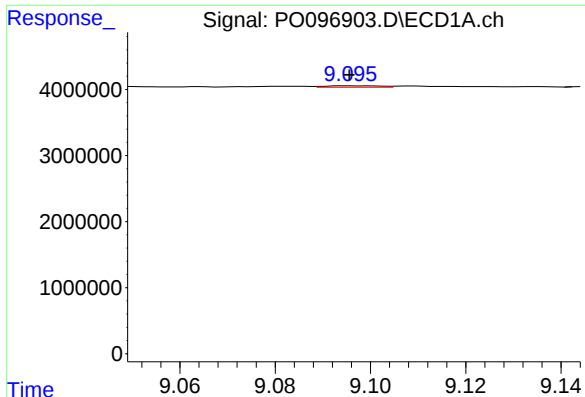
#42 AR-1268-2

R.T.: 8.861 min
Delta R.T.: 0.006 min
Response: 1170571
Conc: 4.27 ng/ml



#42 AR-1268-2

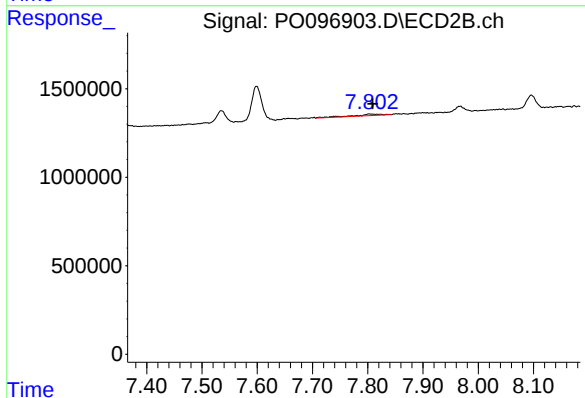
R.T.: 7.599 min
Delta R.T.: -0.005 min
Response: 2511223
Conc: 14.98 ng/ml



#43 AR-1268-3

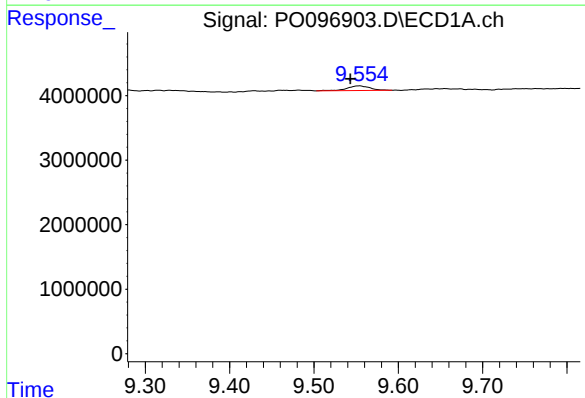
R.T.: 9.096 min
Delta R.T.: 0.000 min
Response: 178129
Conc: 0.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



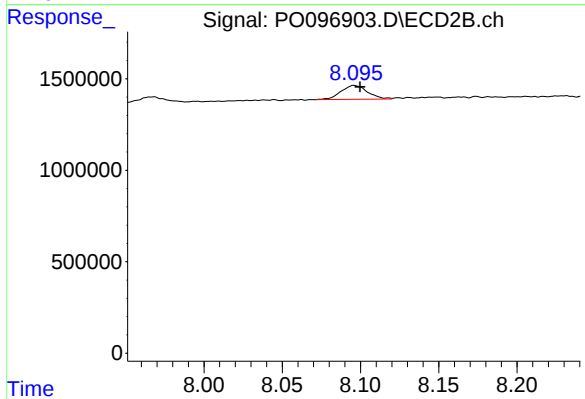
#43 AR-1268-3

R.T.: 7.804 min
Delta R.T.: -0.005 min
Response: 296752
Conc: 2.05 ng/ml



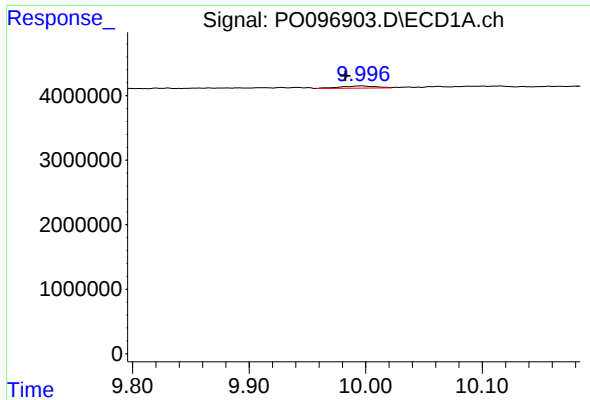
#44 AR-1268-4

R.T.: 9.554 min
Delta R.T.: 0.011 min
Response: 1376527
Conc: 14.85 ng/ml



#44 AR-1268-4

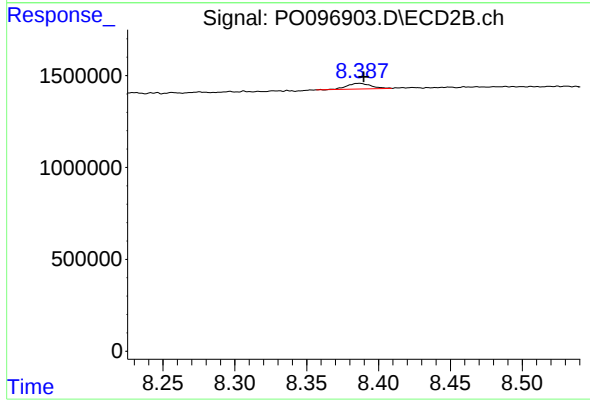
R.T.: 8.096 min
Delta R.T.: -0.003 min
Response: 895521
Conc: 15.03 ng/ml



#45 AR-1268-5

R.T.: 9.996 min
Delta R.T.: 0.014 min
Response: 714989
Conc: 0.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.387 min
Delta R.T.: -0.003 min
Response: 364575
Conc: 0.88 ng/ml