

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO101424\
 Data File : PO107113.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Oct 2024 16:05
 Operator : YP/AJ
 Sample : P4368-02
 Misc : AR1254 LOQ 50 PPB
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 17:14:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO100824.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 09 04:48:43 2024
 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...	4.375	3.646	178.0E6	58644759	14.835	14.703
2)	SA Decachlor...	10.062	8.641	47044990	48312851	18.802	17.211
Target Compounds							
3)	L1 AR-1016-1	5.523	4.732	859410	478616	2.477	3.935 #
4)	L1 AR-1016-2	5.549	4.748	1200779	306296	2.392	1.812
5)	L1 AR-1016-3	5.612	4.927	622234	434733	2.021	4.777 #
6)	L1 AR-1016-4	5.709	4.964	332158	3900613	1.345	53.169 #
7)	L1 AR-1016-5	6.000	5.178	5357019	2083670	23.918	22.675
8)	L2 AR-1221-1	4.570	3.877	166537	83140	1.249	1.997 #
9)	L2 AR-1221-2	4.675	3.945	2607962	899751	26.488	29.058
10)	L2 AR-1221-3	4.732	4.025	162733	56782	0.565	0.589
11)	L3 AR-1232-1	4.732	4.025	162733	56782	0.651	0.687
12)	L3 AR-1232-2	5.261	4.748	614644	306296	4.795	4.129
13)	L3 AR-1232-3	5.549	4.927	1200779	434733	5.421	10.978 #
14)	L3 AR-1232-4	5.709	5.005	332158	1276666	3.019	35.502 #
15)	L3 AR-1232-5	5.797	5.178	10891511	2083670	124.736	54.900 #
16)	L4 AR-1242-1	5.523	4.732	859410	478616	3.381	5.369 #
17)	L4 AR-1242-2	5.549	4.748	1200779	306296	3.291	2.503
18)	L4 AR-1242-3	5.612	4.927	622234	434733	2.726	6.471 #
19)	L4 AR-1242-4	5.709	5.005	332158	1276666	1.817	18.762 #
20)	L4 AR-1242-5	6.444	5.528	6153192	8661770	40.323	107.678 #
21)	L5 AR-1248-1	5.523	4.732	859410	478616	4.364	6.948 #
22)	L5 AR-1248-2	5.797	4.964	10891511	3900613	38.669	40.242
23)	L5 AR-1248-3	6.000	5.005	5357019	1276666	18.597	12.604 #
24)	L5 AR-1248-4	6.400	5.178	7440449	2083670	26.220	17.585 #
25)	L5 AR-1248-5	6.444	5.569	6153192	1980047	22.279	18.506
26)	L6 AR-1254-1	6.377	5.528	15480929	8661770	50.806	51.257
27)	L6 AR-1254-2	6.596	5.676	22282404	7825651	52.403	52.029
28)	L6 AR-1254-3	6.959	6.079	21360969	11570016	53.919	49.666
29)	L6 AR-1254-4	7.244	6.307	14436985	6289461	54.411	49.214
30)	L6 AR-1254-5	7.664	6.724	13245634	9153691	47.441	45.499
31)	L7 AR-1260-1	7.127	6.209	9135662	5705056	28.130	33.124
32)	L7 AR-1260-2	7.383	6.396	9794800	4596607	28.766	22.753
33)	L7 AR-1260-3	7.725	6.549	2602276	4202885	12.220	22.223 #
34)	L7 AR-1260-4	7.951	7.019	4444131	435647	19.671	3.221 #
35)	L7 AR-1260-5	8.283	7.261	1386700	1091704	4.178	3.534
36)	L8 AR-1262-1	7.725	6.793	2602276	800408	8.264	3.918 #
37)	L8 AR-1262-2	8.283	7.261	1386700	1091704	3.569	3.083
38)	L8 AR-1262-3	8.604	7.557	899179	87108	3.834	0.625 #
39)	L8 AR-1262-4	8.678	7.605	114858	956834	0.629	3.603 #
40)	L8 AR-1262-5	9.314	8.050f	208992	22356	1.968	0.201 #
41)	L9 AR-1268-1	8.604	7.557	899179	87108	2.276	0.214 #

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 Sample : P4368-02
 Misc : AR1254 LOQ 50 PPB
 ALS Vial : 22 Sample Multiplier: 1

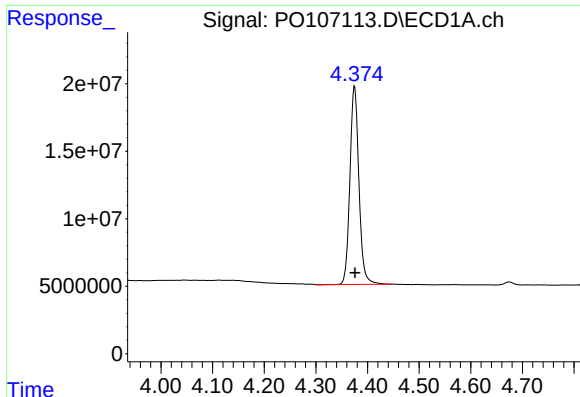
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 17:14:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100824.M
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 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	8.678	7.605	114858	956834	0.334	2.593 #
43) L9	AR-1268-3	8.914	7.811	204526	217265	0.717	0.690
44) L9	AR-1268-4	9.314	8.050f	208992	22356	1.927	0.189 #
45) L9	AR-1268-5	9.733	8.385	327204	252089	0.393	0.264 #

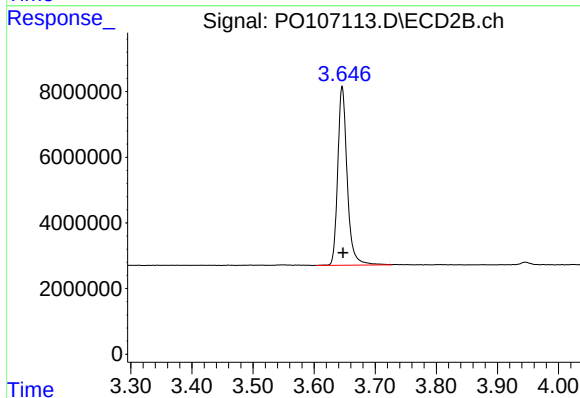
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

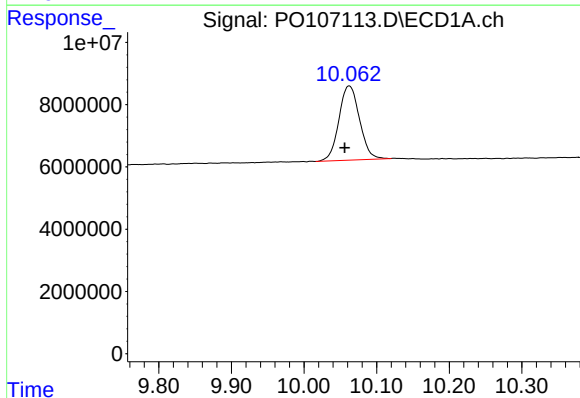
R.T.: 4.375 min
Delta R.T.: -0.001 min
Response: 177969354
Conc: 14.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



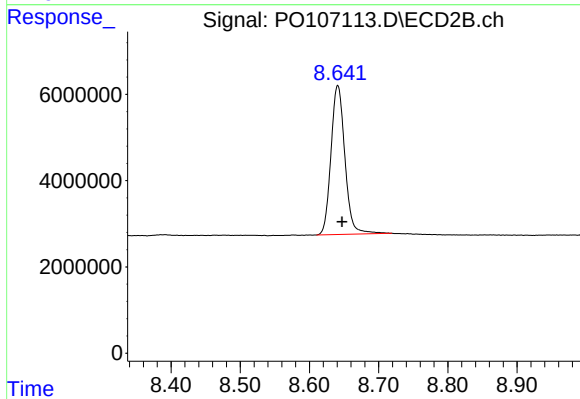
#1 Tetrachloro-m-xylene

R.T.: 3.646 min
Delta R.T.: -0.002 min
Response: 58644759
Conc: 14.70 ng/ml



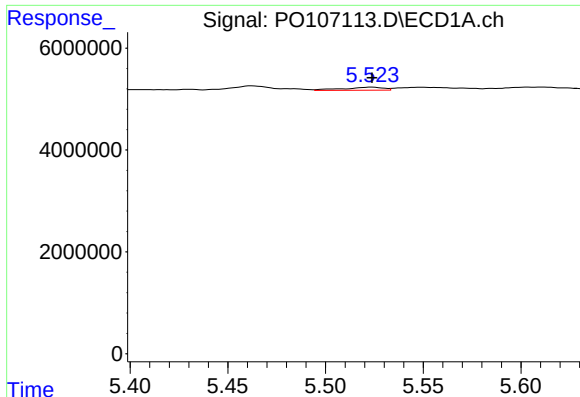
#2 Decachlorobiphenyl

R.T.: 10.062 min
Delta R.T.: 0.006 min
Response: 47044990
Conc: 18.80 ng/ml



#2 Decachlorobiphenyl

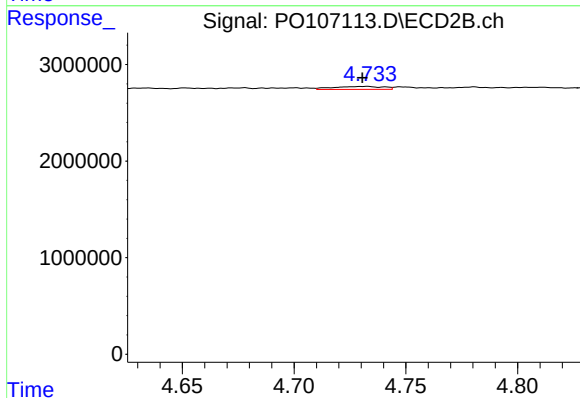
R.T.: 8.641 min
Delta R.T.: -0.006 min
Response: 48312851
Conc: 17.21 ng/ml



#3 AR-1016-1

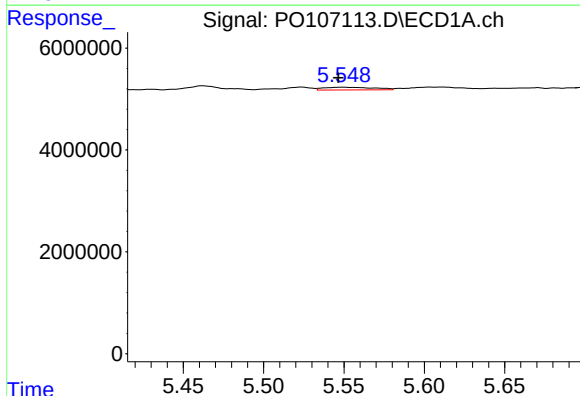
R.T.: 5.523 min
Delta R.T.: 0.000 min
Response: 859410
Conc: 2.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



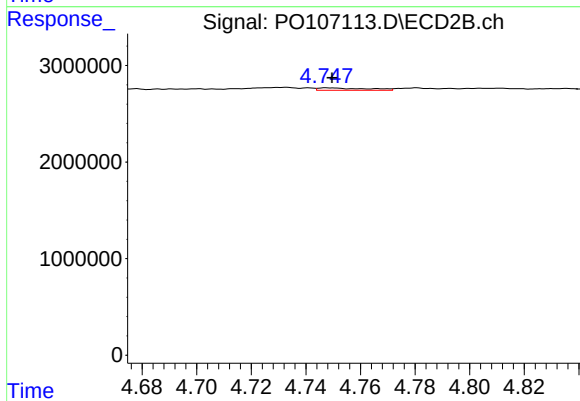
#3 AR-1016-1

R.T.: 4.732 min
Delta R.T.: 0.001 min
Response: 478616
Conc: 3.93 ng/ml



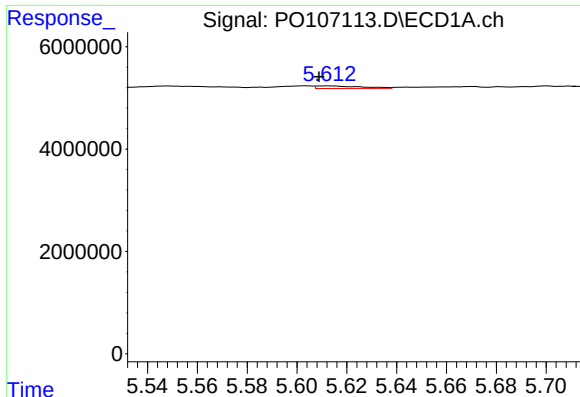
#4 AR-1016-2

R.T.: 5.549 min
Delta R.T.: 0.003 min
Response: 1200779
Conc: 2.39 ng/ml



#4 AR-1016-2

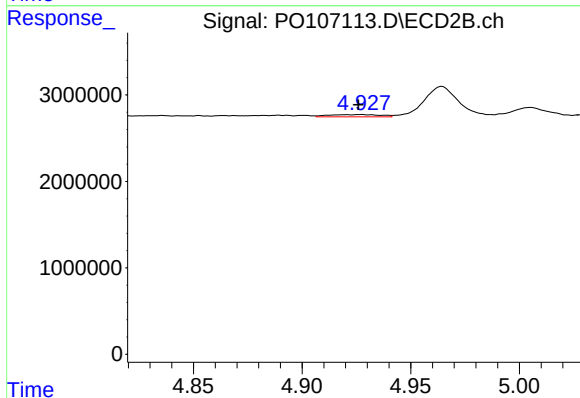
R.T.: 4.748 min
Delta R.T.: -0.002 min
Response: 306296
Conc: 1.81 ng/ml



#5 AR-1016-3

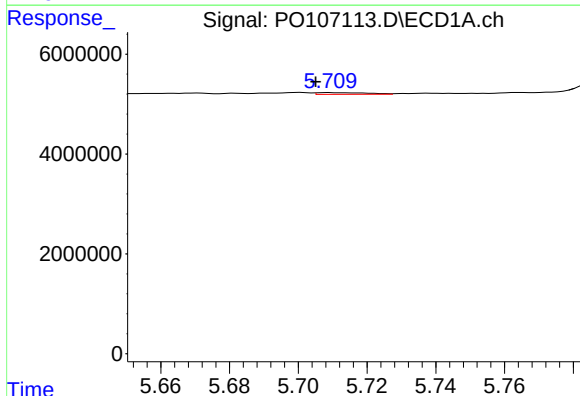
R.T.: 5.612 min
Delta R.T.: 0.004 min
Response: 622234
Conc: 2.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



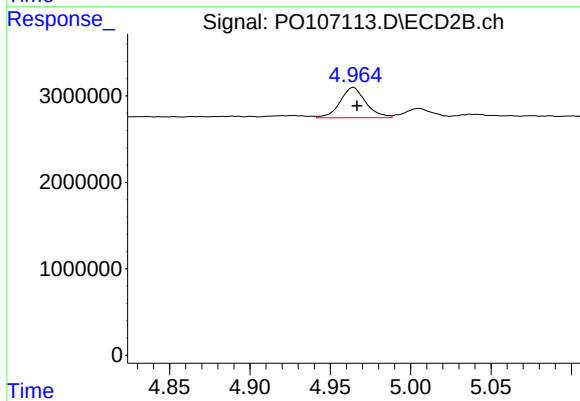
#5 AR-1016-3

R.T.: 4.927 min
Delta R.T.: 0.001 min
Response: 434733
Conc: 4.78 ng/ml



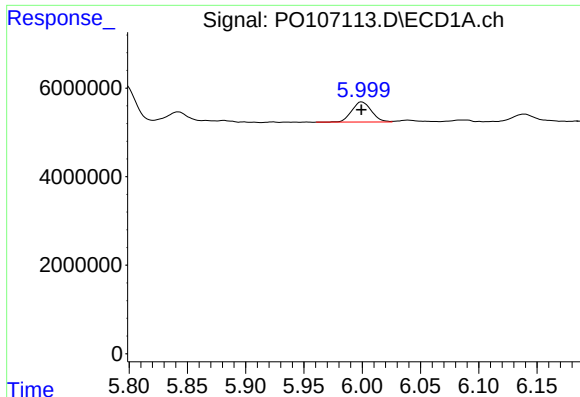
#6 AR-1016-4

R.T.: 5.709 min
Delta R.T.: 0.004 min
Response: 332158
Conc: 1.35 ng/ml



#6 AR-1016-4

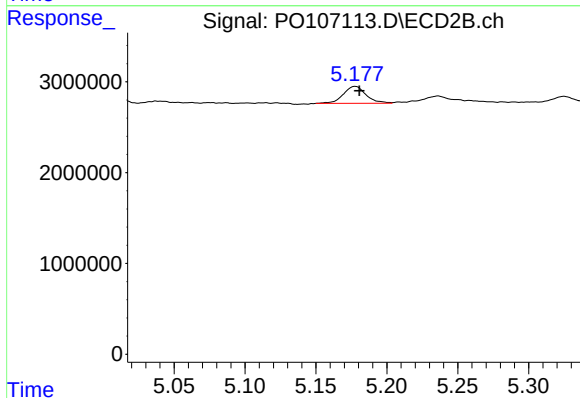
R.T.: 4.964 min
Delta R.T.: -0.002 min
Response: 3900613
Conc: 53.17 ng/ml



#7 AR-1016-5

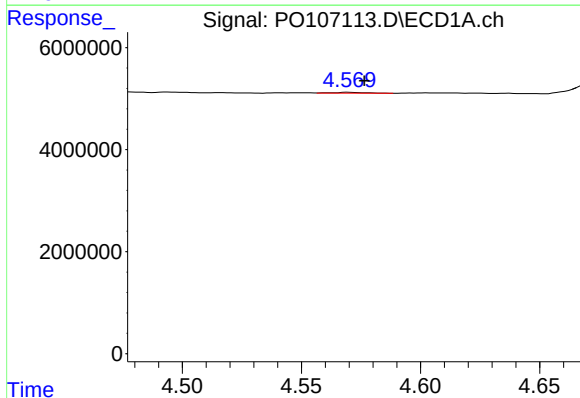
R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 5357019
Conc: 23.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



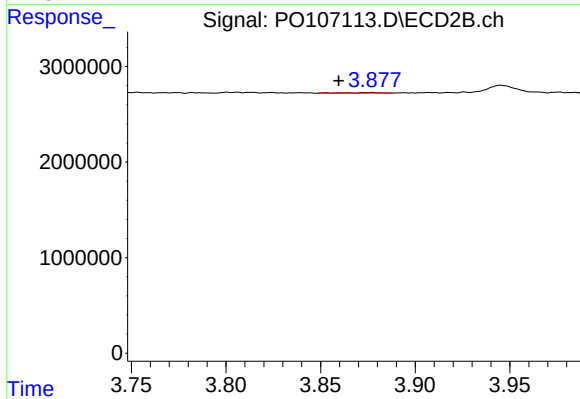
#7 AR-1016-5

R.T.: 5.178 min
Delta R.T.: -0.003 min
Response: 2083670
Conc: 22.67 ng/ml



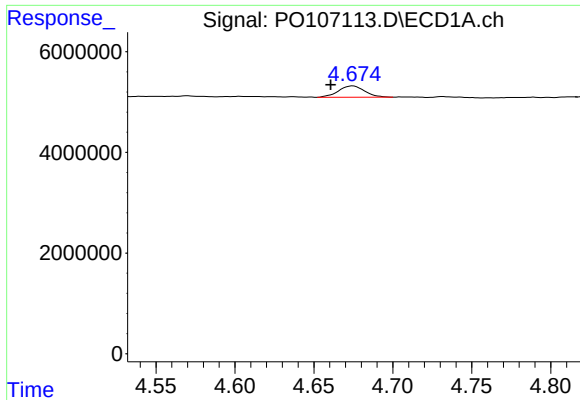
#8 AR-1221-1

R.T.: 4.570 min
Delta R.T.: -0.007 min
Response: 166537
Conc: 1.25 ng/ml



#8 AR-1221-1

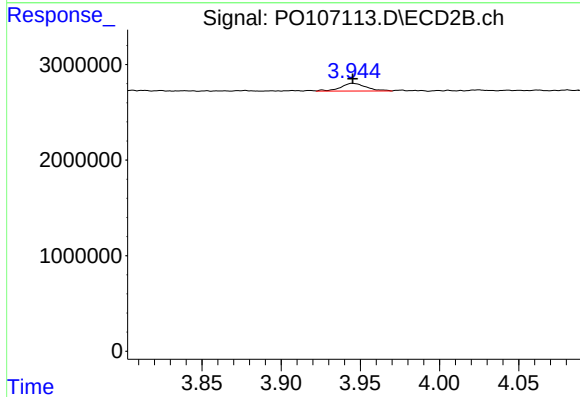
R.T.: 3.877 min
Delta R.T.: 0.018 min
Response: 83140
Conc: 2.00 ng/ml



#9 AR-1221-2

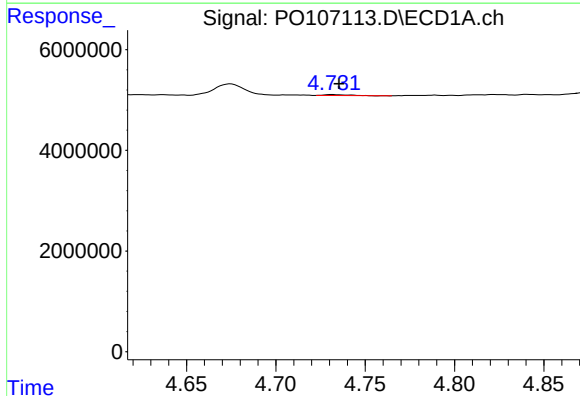
R.T.: 4.675 min
Delta R.T.: 0.014 min
Response: 2607962
Conc: 26.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



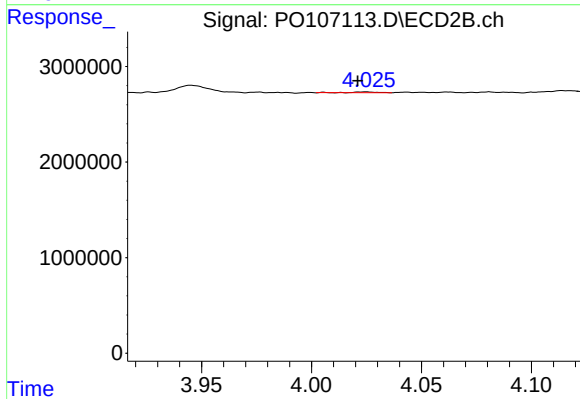
#9 AR-1221-2

R.T.: 3.945 min
Delta R.T.: 0.000 min
Response: 899751
Conc: 29.06 ng/ml



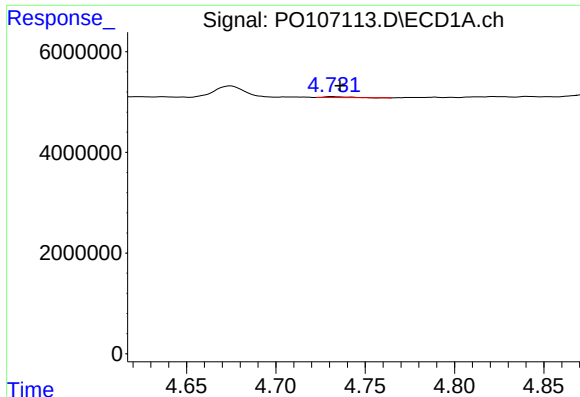
#10 AR-1221-3

R.T.: 4.732 min
Delta R.T.: -0.004 min
Response: 162733
Conc: 0.56 ng/ml



#10 AR-1221-3

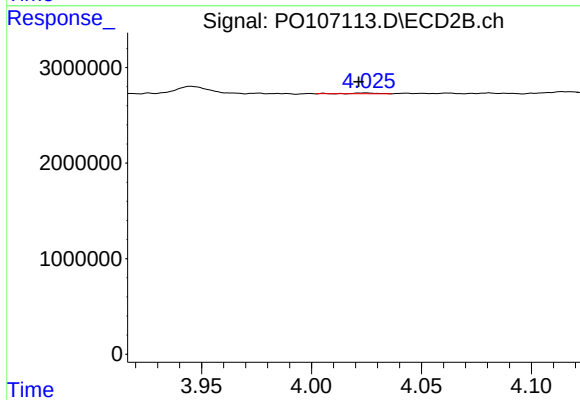
R.T.: 4.025 min
Delta R.T.: 0.004 min
Response: 56782
Conc: 0.59 ng/ml



#11 AR-1232-1

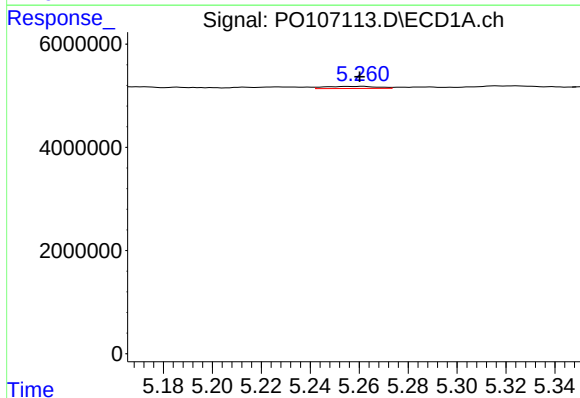
R.T.: 4.732 min
Delta R.T.: -0.004 min
Response: 162733
Conc: 0.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



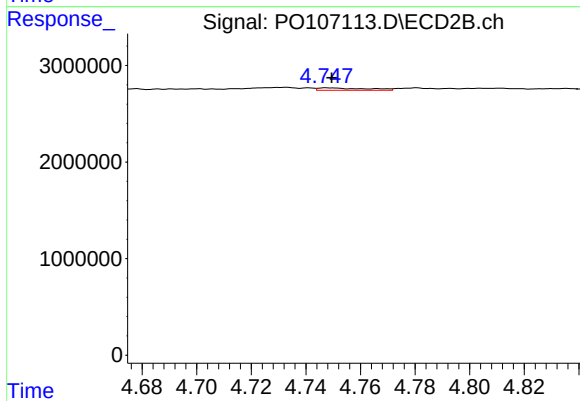
#11 AR-1232-1

R.T.: 4.025 min
Delta R.T.: 0.003 min
Response: 56782
Conc: 0.69 ng/ml



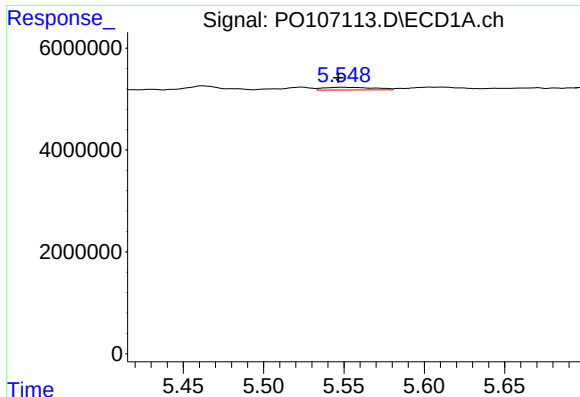
#12 AR-1232-2

R.T.: 5.261 min
Delta R.T.: 0.001 min
Response: 614644
Conc: 4.79 ng/ml



#12 AR-1232-2

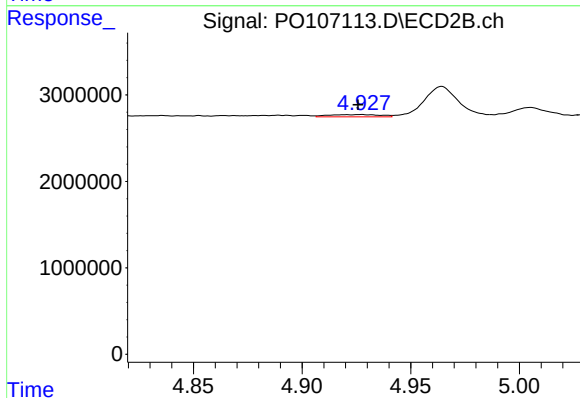
R.T.: 4.748 min
Delta R.T.: -0.001 min
Response: 306296
Conc: 4.13 ng/ml



#13 AR-1232-3

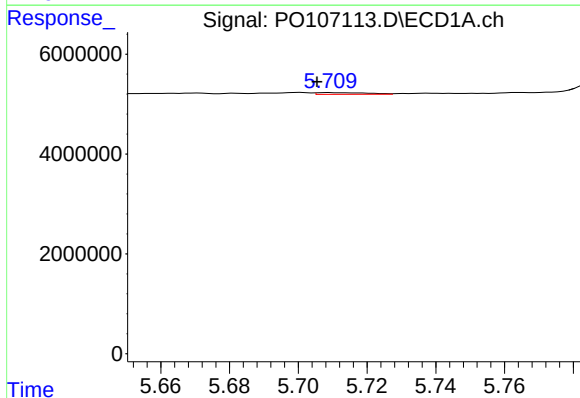
R.T.: 5.549 min
Delta R.T.: 0.002 min
Response: 1200779
Conc: 5.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



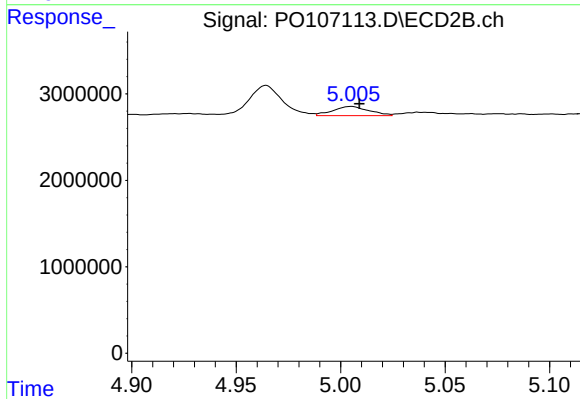
#13 AR-1232-3

R.T.: 4.927 min
Delta R.T.: 0.001 min
Response: 434733
Conc: 10.98 ng/ml



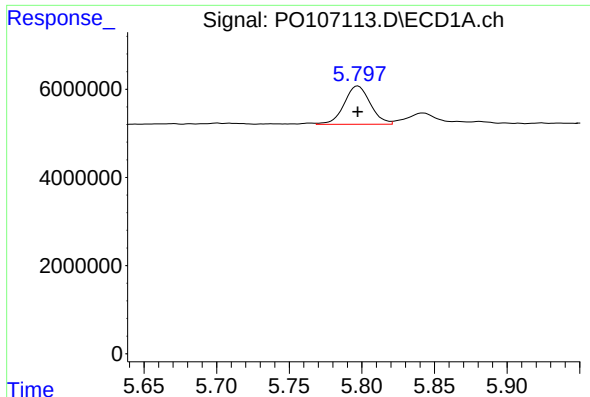
#14 AR-1232-4

R.T.: 5.709 min
Delta R.T.: 0.004 min
Response: 332158
Conc: 3.02 ng/ml



#14 AR-1232-4

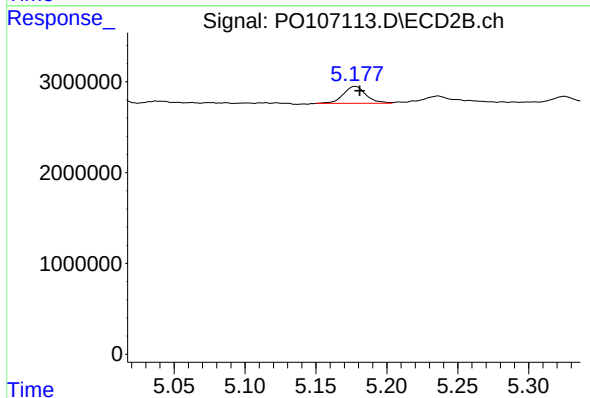
R.T.: 5.005 min
Delta R.T.: -0.004 min
Response: 1276666
Conc: 35.50 ng/ml



#15 AR-1232-5

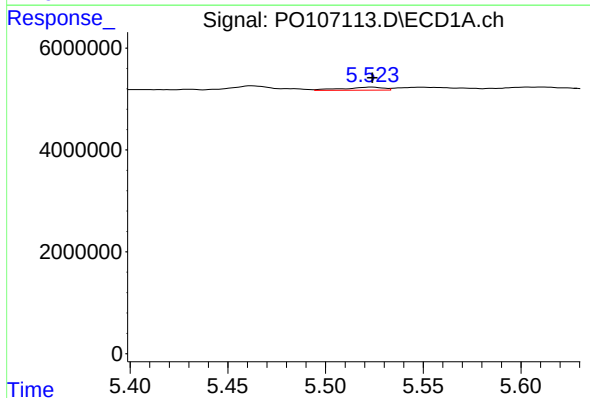
R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 10891511
Conc: 124.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



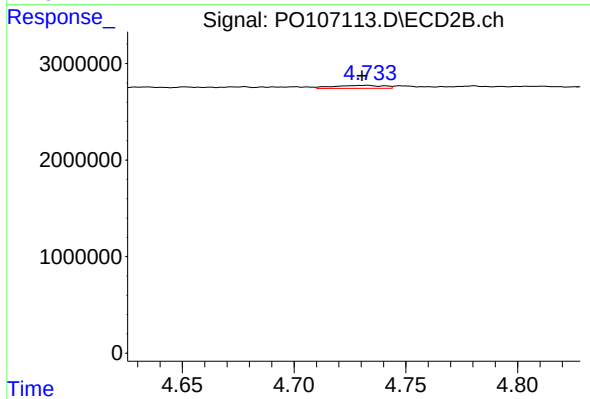
#15 AR-1232-5

R.T.: 5.178 min
Delta R.T.: -0.003 min
Response: 2083670
Conc: 54.90 ng/ml



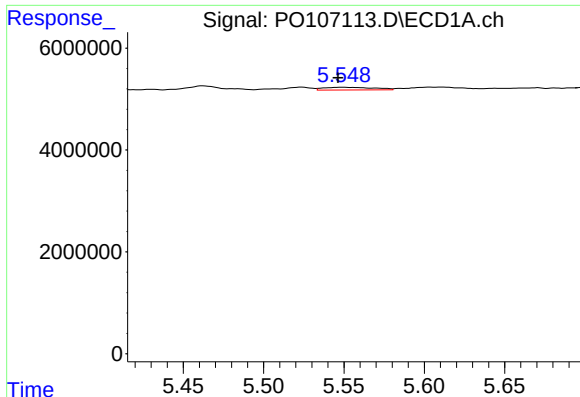
#16 AR-1242-1

R.T.: 5.523 min
Delta R.T.: 0.000 min
Response: 859410
Conc: 3.38 ng/ml



#16 AR-1242-1

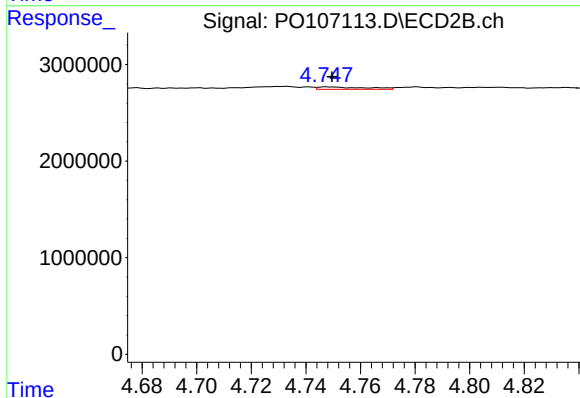
R.T.: 4.732 min
Delta R.T.: 0.001 min
Response: 478616
Conc: 5.37 ng/ml



#17 AR-1242-2

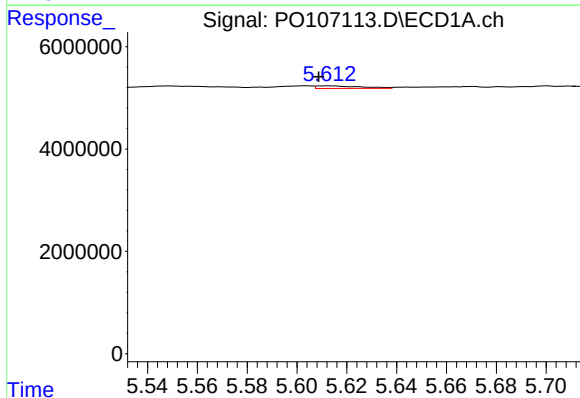
R.T.: 5.549 min
Delta R.T.: 0.003 min
Response: 1200779
Conc: 3.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



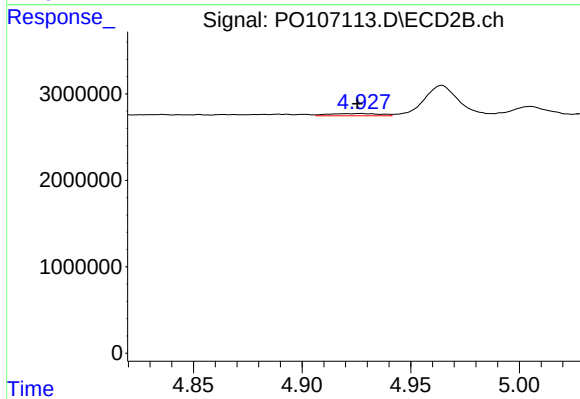
#17 AR-1242-2

R.T.: 4.748 min
Delta R.T.: -0.002 min
Response: 306296
Conc: 2.50 ng/ml



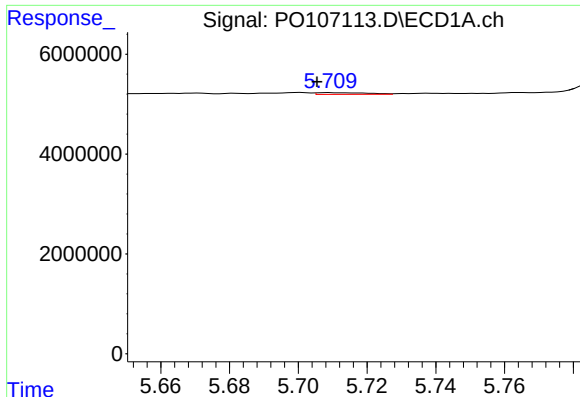
#18 AR-1242-3

R.T.: 5.612 min
Delta R.T.: 0.004 min
Response: 622234
Conc: 2.73 ng/ml



#18 AR-1242-3

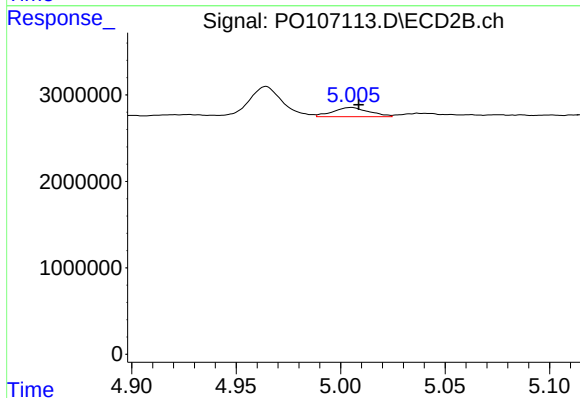
R.T.: 4.927 min
Delta R.T.: 0.001 min
Response: 434733
Conc: 6.47 ng/ml



#19 AR-1242-4

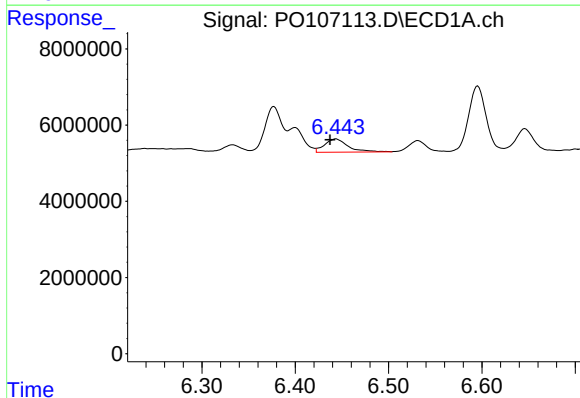
R.T.: 5.709 min
Delta R.T.: 0.004 min
Response: 332158
Conc: 1.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



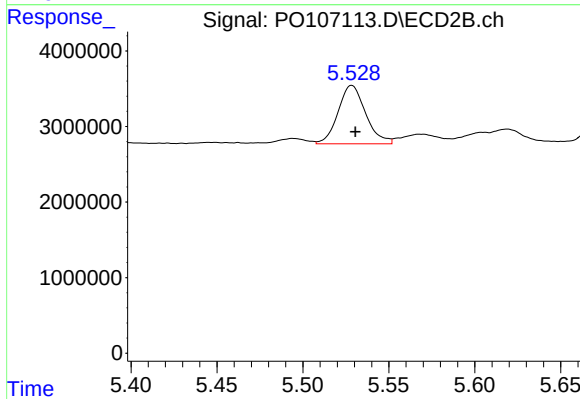
#19 AR-1242-4

R.T.: 5.005 min
Delta R.T.: -0.004 min
Response: 1276666
Conc: 18.76 ng/ml



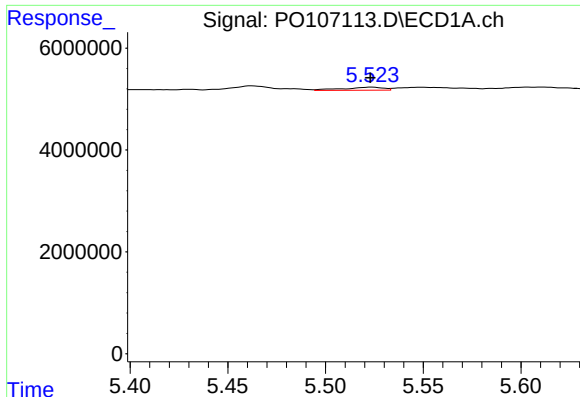
#20 AR-1242-5

R.T.: 6.444 min
Delta R.T.: 0.006 min
Response: 6153192
Conc: 40.32 ng/ml



#20 AR-1242-5

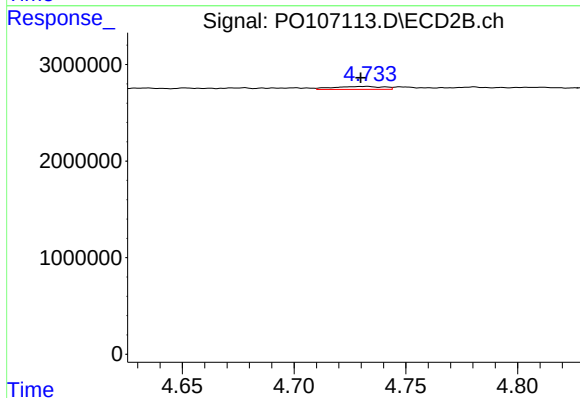
R.T.: 5.528 min
Delta R.T.: -0.002 min
Response: 8661770
Conc: 107.68 ng/ml



#21 AR-1248-1

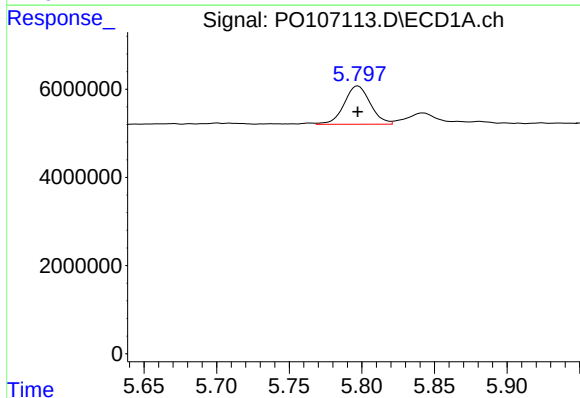
R.T.: 5.523 min
Delta R.T.: 0.000 min
Response: 859410
Conc: 4.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



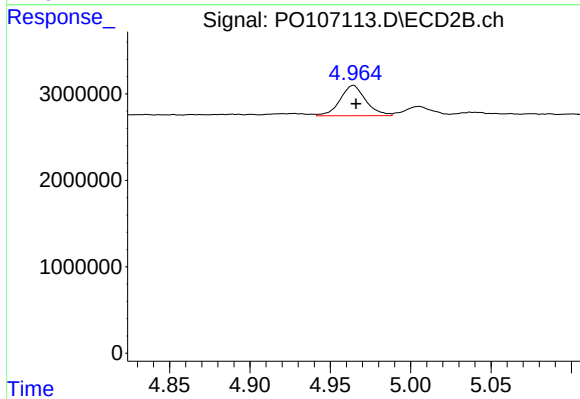
#21 AR-1248-1

R.T.: 4.732 min
Delta R.T.: 0.002 min
Response: 478616
Conc: 6.95 ng/ml



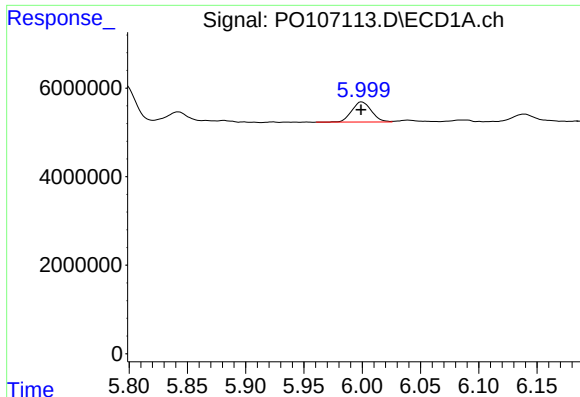
#22 AR-1248-2

R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 10891511
Conc: 38.67 ng/ml



#22 AR-1248-2

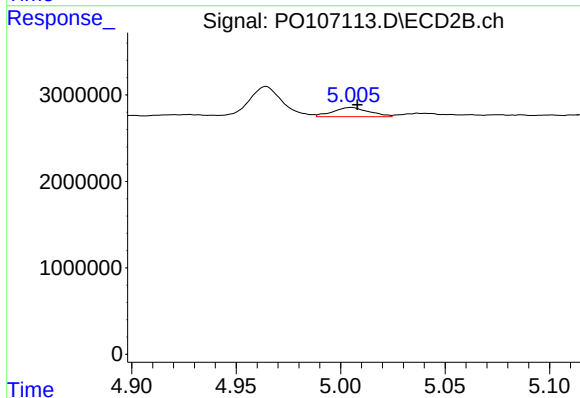
R.T.: 4.964 min
Delta R.T.: -0.002 min
Response: 3900613
Conc: 40.24 ng/ml



#23 AR-1248-3

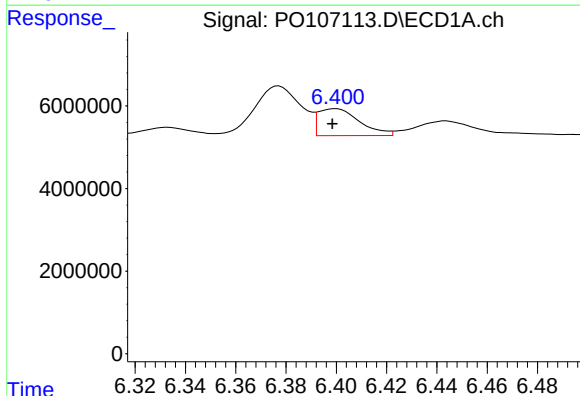
R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 5357019
Conc: 18.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



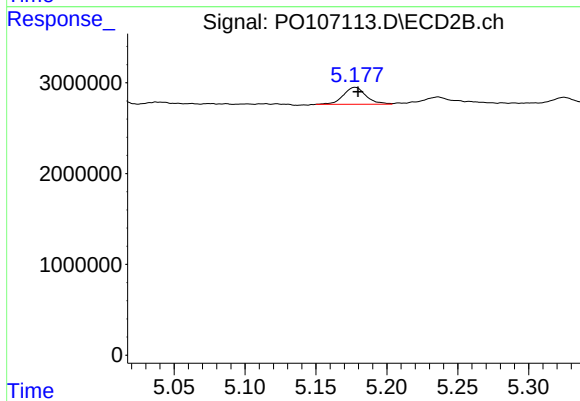
#23 AR-1248-3

R.T.: 5.005 min
Delta R.T.: -0.003 min
Response: 1276666
Conc: 12.60 ng/ml



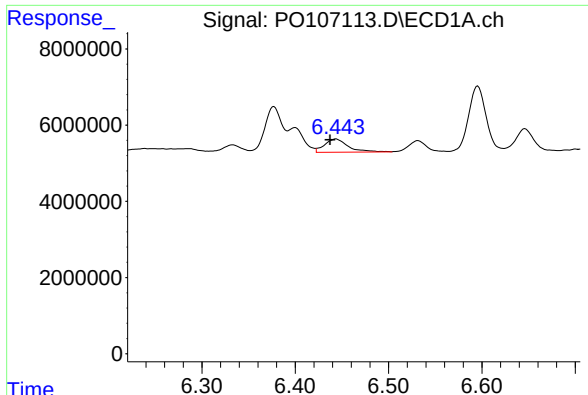
#24 AR-1248-4

R.T.: 6.400 min
Delta R.T.: 0.001 min
Response: 7440449
Conc: 26.22 ng/ml



#24 AR-1248-4

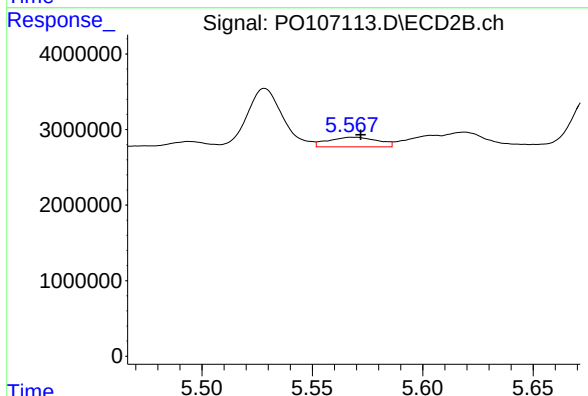
R.T.: 5.178 min
Delta R.T.: -0.002 min
Response: 2083670
Conc: 17.59 ng/ml



#25 AR-1248-5

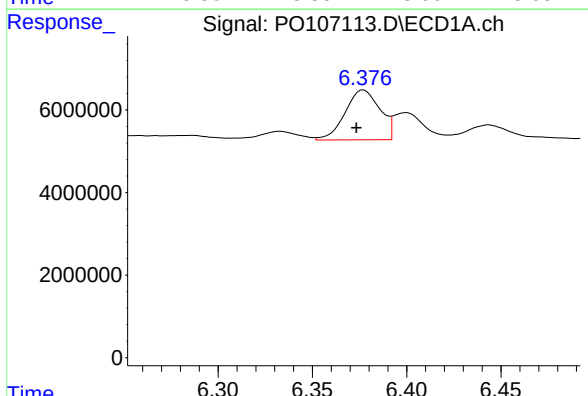
R.T.: 6.444 min
Delta R.T.: 0.006 min
Response: 6153192
Conc: 22.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



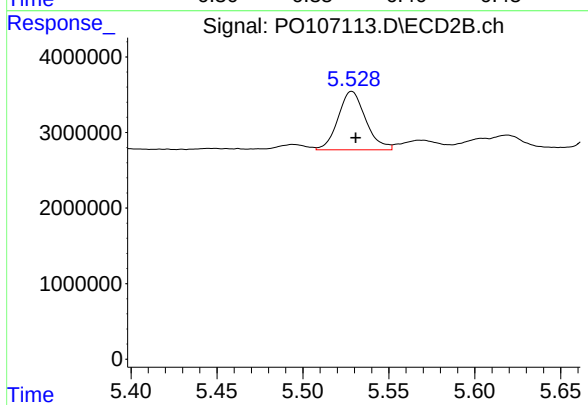
#25 AR-1248-5

R.T.: 5.569 min
Delta R.T.: -0.003 min
Response: 1980047
Conc: 18.51 ng/ml



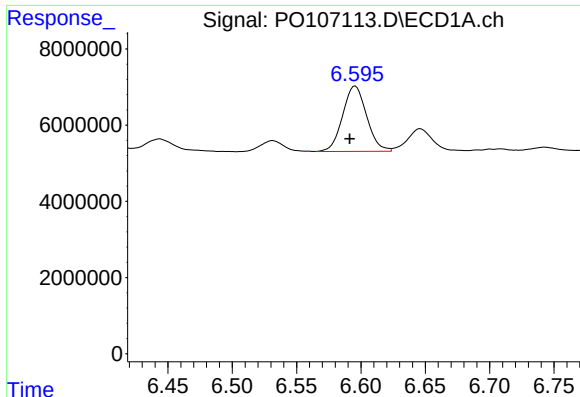
#26 AR-1254-1

R.T.: 6.377 min
Delta R.T.: 0.004 min
Response: 15480929
Conc: 50.81 ng/ml



#26 AR-1254-1

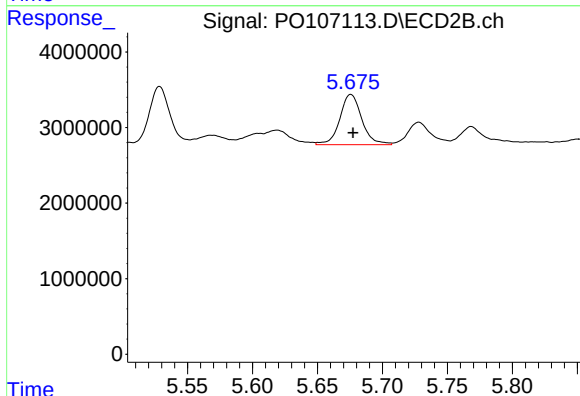
R.T.: 5.528 min
Delta R.T.: -0.002 min
Response: 8661770
Conc: 51.26 ng/ml



#27 AR-1254-2

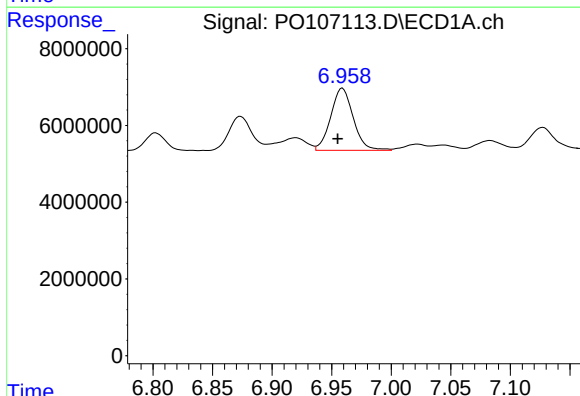
R.T.: 6.596 min
Delta R.T.: 0.004 min
Response: 22282404
Conc: 52.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



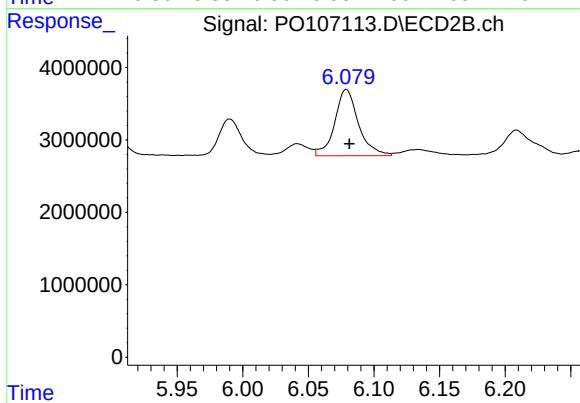
#27 AR-1254-2

R.T.: 5.676 min
Delta R.T.: -0.002 min
Response: 7825651
Conc: 52.03 ng/ml



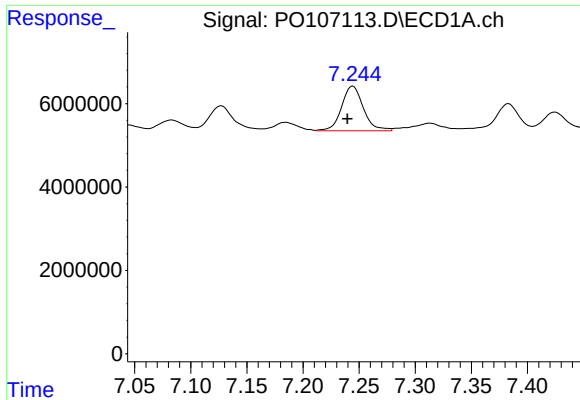
#28 AR-1254-3

R.T.: 6.959 min
Delta R.T.: 0.004 min
Response: 21360969
Conc: 53.92 ng/ml



#28 AR-1254-3

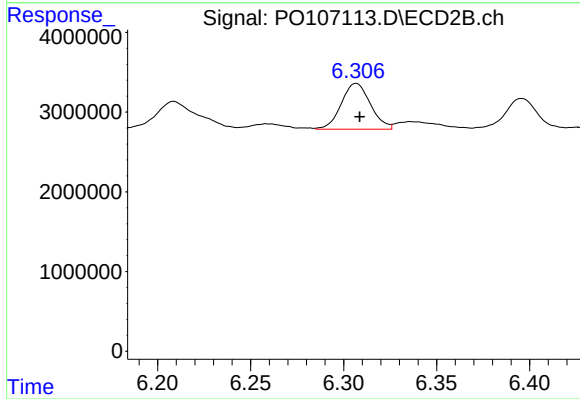
R.T.: 6.079 min
Delta R.T.: -0.002 min
Response: 11570016
Conc: 49.67 ng/ml



#29 AR-1254-4

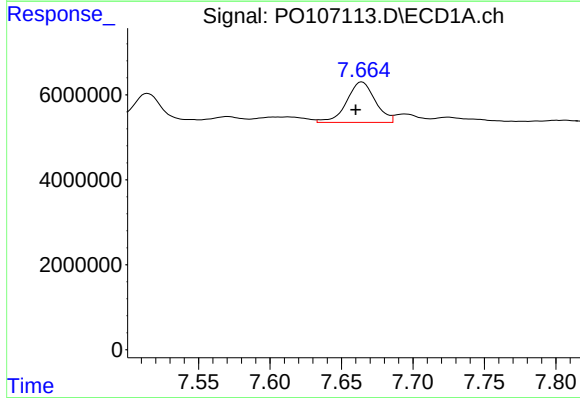
R.T.: 7.244 min
Delta R.T.: 0.005 min
Response: 14436985
Conc: 54.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



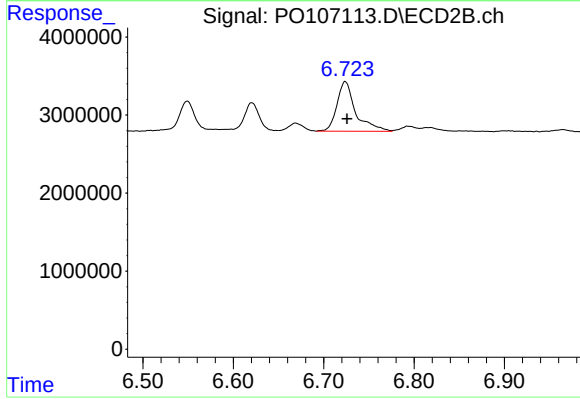
#29 AR-1254-4

R.T.: 6.307 min
Delta R.T.: -0.002 min
Response: 6289461
Conc: 49.21 ng/ml



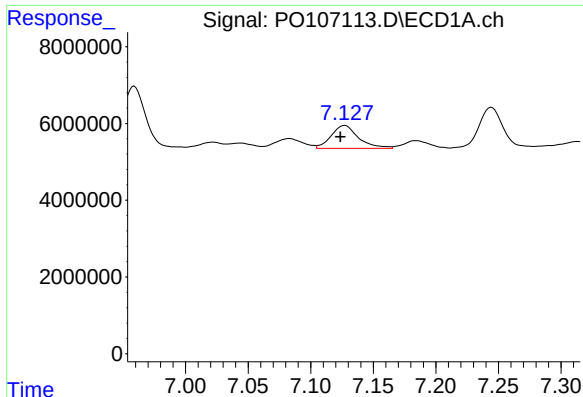
#30 AR-1254-5

R.T.: 7.664 min
Delta R.T.: 0.004 min
Response: 13245634
Conc: 47.44 ng/ml



#30 AR-1254-5

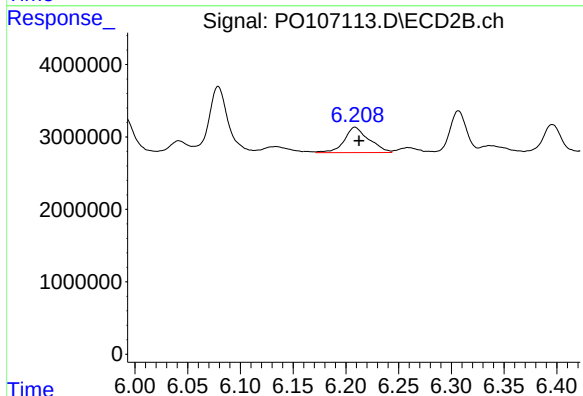
R.T.: 6.724 min
Delta R.T.: -0.002 min
Response: 9153691
Conc: 45.50 ng/ml



#31 AR-1260-1

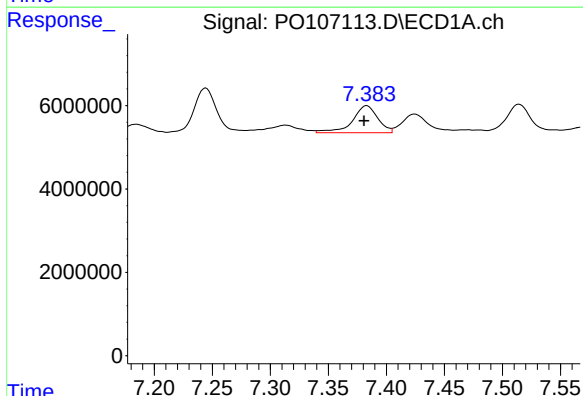
R.T.: 7.127 min
Delta R.T.: 0.004 min
Response: 9135662
Conc: 28.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



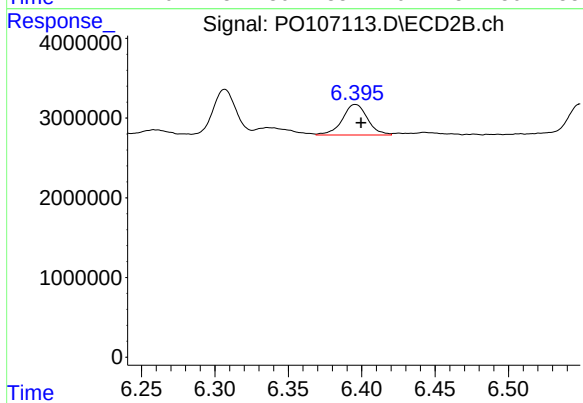
#31 AR-1260-1

R.T.: 6.209 min
Delta R.T.: -0.004 min
Response: 5705056
Conc: 33.12 ng/ml



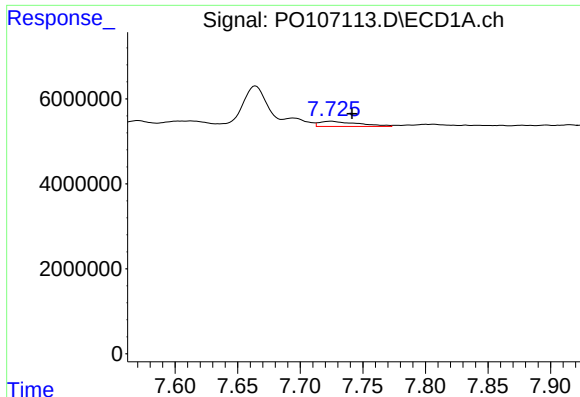
#32 AR-1260-2

R.T.: 7.383 min
Delta R.T.: 0.002 min
Response: 9794800
Conc: 28.77 ng/ml



#32 AR-1260-2

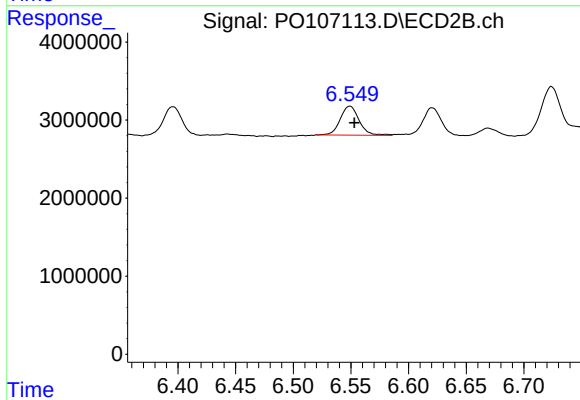
R.T.: 6.396 min
Delta R.T.: -0.004 min
Response: 4596607
Conc: 22.75 ng/ml



#33 AR-1260-3

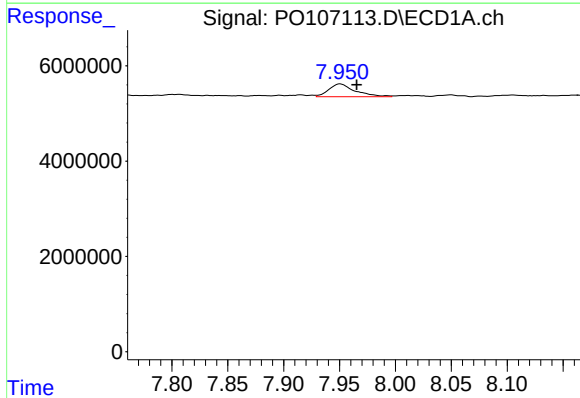
R.T.: 7.725 min
Delta R.T.: -0.017 min
Response: 2602276
Conc: 12.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



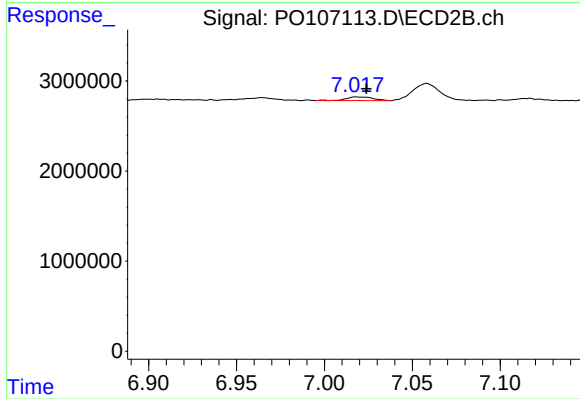
#33 AR-1260-3

R.T.: 6.549 min
Delta R.T.: -0.004 min
Response: 4202885
Conc: 22.22 ng/ml



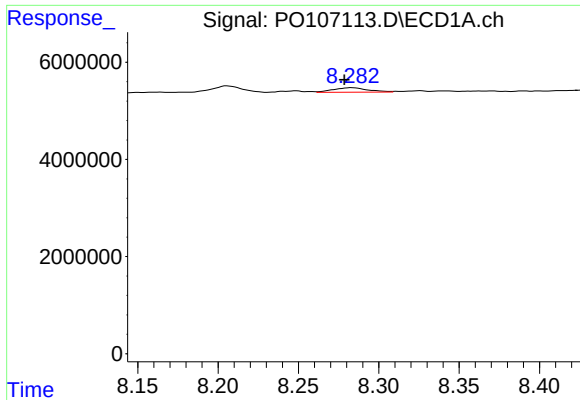
#34 AR-1260-4

R.T.: 7.951 min
Delta R.T.: -0.015 min
Response: 4444131
Conc: 19.67 ng/ml



#34 AR-1260-4

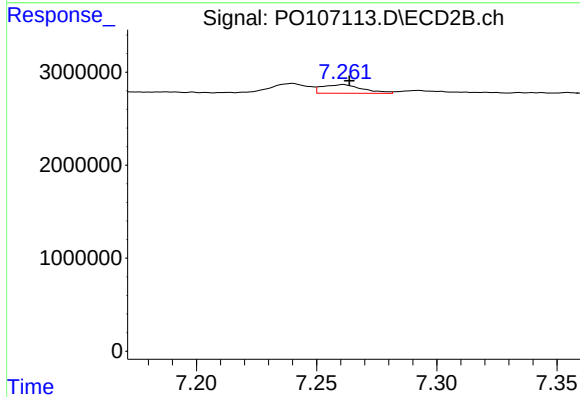
R.T.: 7.019 min
Delta R.T.: -0.005 min
Response: 435647
Conc: 3.22 ng/ml



#35 AR-1260-5

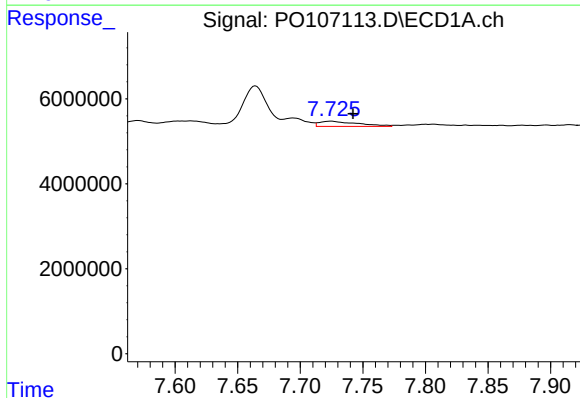
R.T.: 8.283 min
Delta R.T.: 0.004 min
Response: 1386700
Conc: 4.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



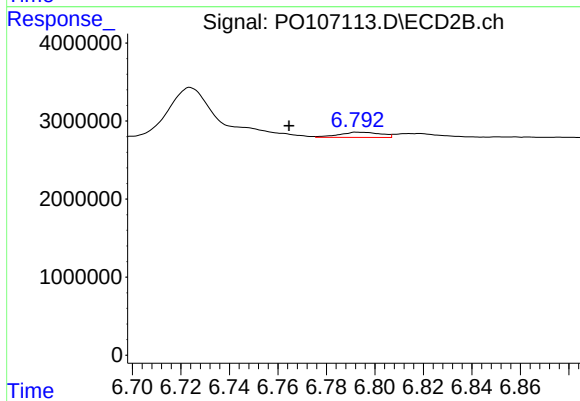
#35 AR-1260-5

R.T.: 7.261 min
Delta R.T.: -0.003 min
Response: 1091704
Conc: 3.53 ng/ml



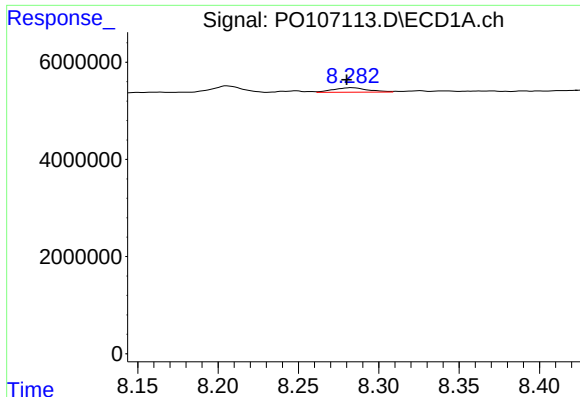
#36 AR-1262-1

R.T.: 7.725 min
Delta R.T.: -0.017 min
Response: 2602276
Conc: 8.26 ng/ml



#36 AR-1262-1

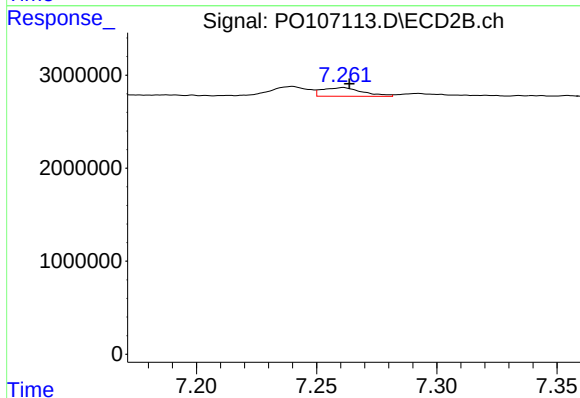
R.T.: 6.793 min
Delta R.T.: 0.029 min
Response: 800408
Conc: 3.92 ng/ml



#37 AR-1262-2

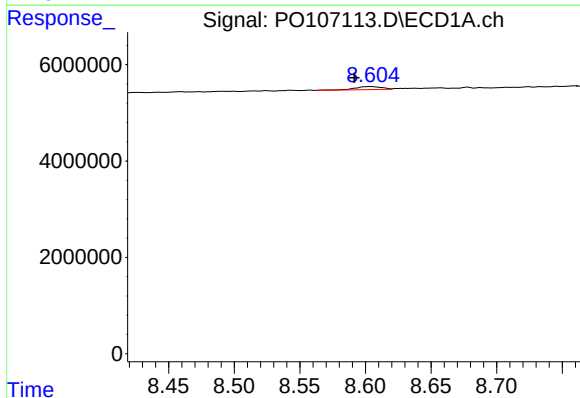
R.T.: 8.283 min
Delta R.T.: 0.003 min
Response: 1386700
Conc: 3.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



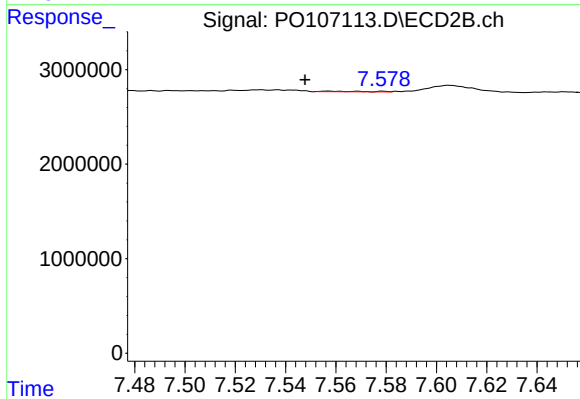
#37 AR-1262-2

R.T.: 7.261 min
Delta R.T.: -0.003 min
Response: 1091704
Conc: 3.08 ng/ml



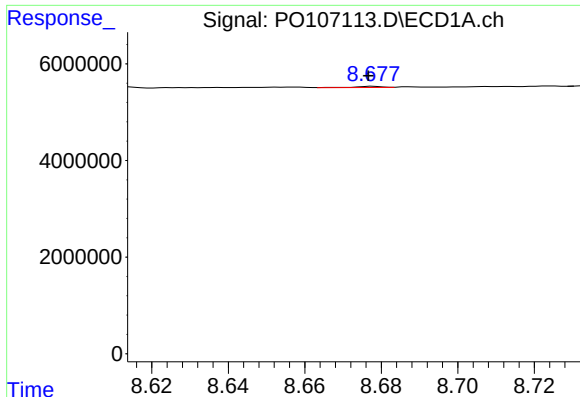
#38 AR-1262-3

R.T.: 8.604 min
Delta R.T.: 0.013 min
Response: 899179
Conc: 3.83 ng/ml



#38 AR-1262-3

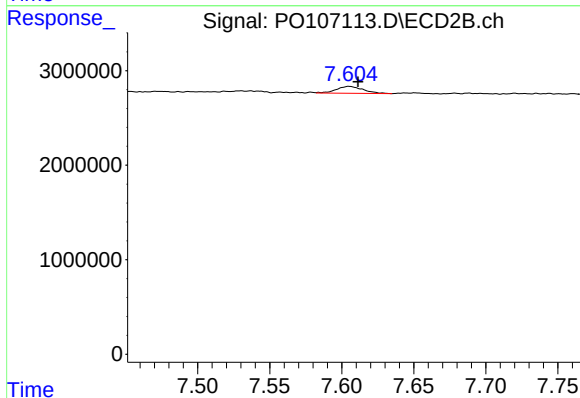
R.T.: 7.557 min
Delta R.T.: 0.009 min
Response: 87108
Conc: 0.63 ng/ml



#39 AR-1262-4

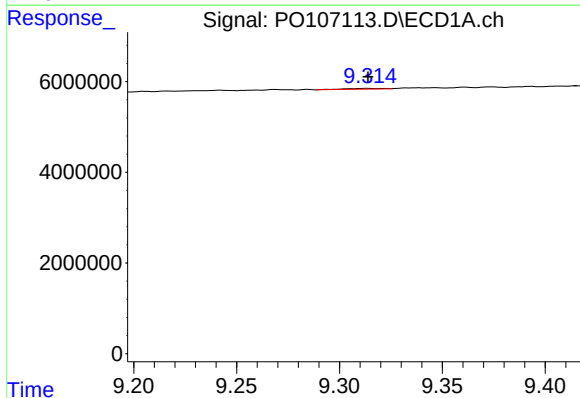
R.T.: 8.678 min
Delta R.T.: 0.001 min
Response: 114858
Conc: 0.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



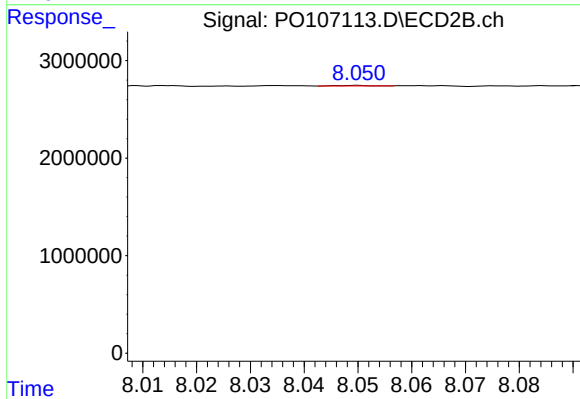
#39 AR-1262-4

R.T.: 7.605 min
Delta R.T.: -0.006 min
Response: 956834
Conc: 3.60 ng/ml



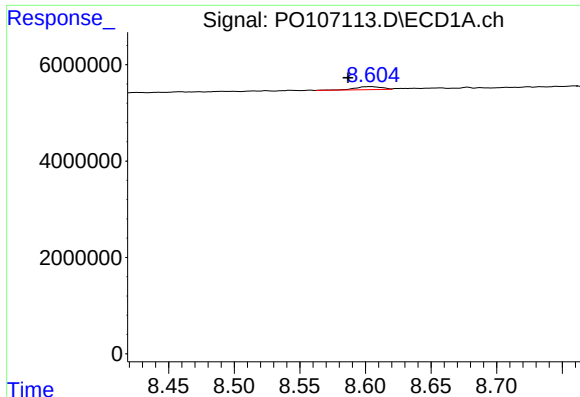
#40 AR-1262-5

R.T.: 9.314 min
Delta R.T.: 0.000 min
Response: 208992
Conc: 1.97 ng/ml



#40 AR-1262-5

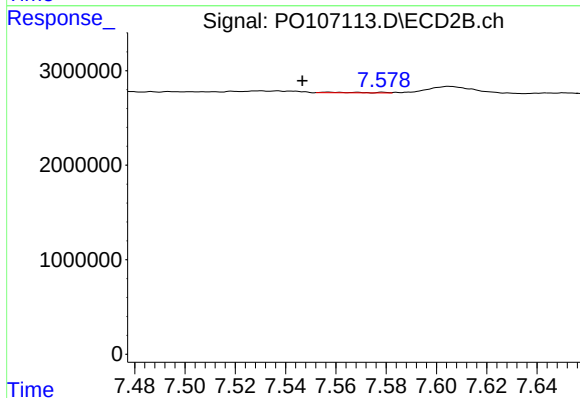
R.T.: 8.050 min
Delta R.T.: -0.053 min
Response: 22356
Conc: 0.20 ng/ml



#41 AR-1268-1

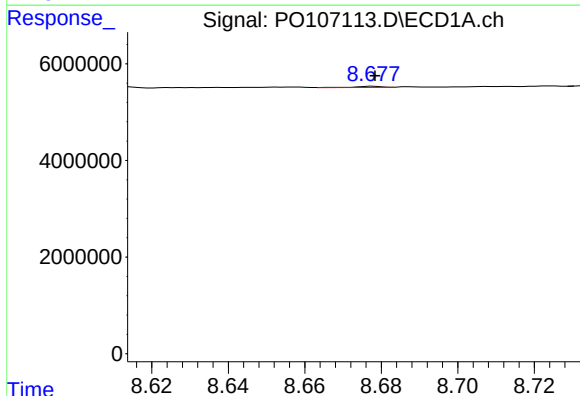
R.T.: 8.604 min
Delta R.T.: 0.018 min
Response: 899179
Conc: 2.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



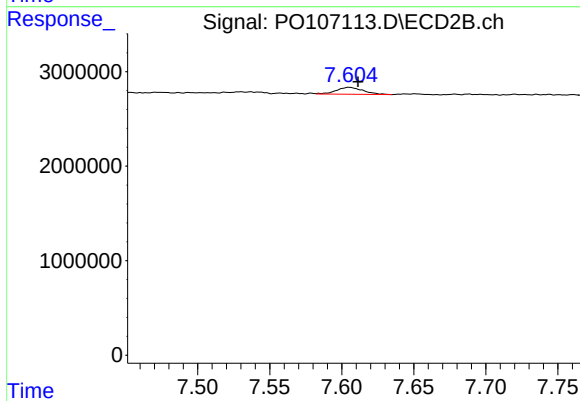
#41 AR-1268-1

R.T.: 7.557 min
Delta R.T.: 0.010 min
Response: 87108
Conc: 0.21 ng/ml



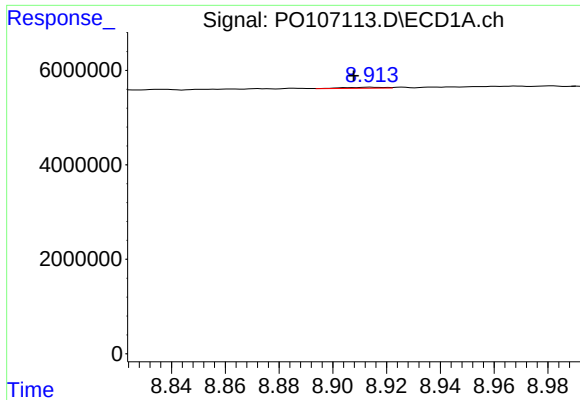
#42 AR-1268-2

R.T.: 8.678 min
Delta R.T.: 0.000 min
Response: 114858
Conc: 0.33 ng/ml



#42 AR-1268-2

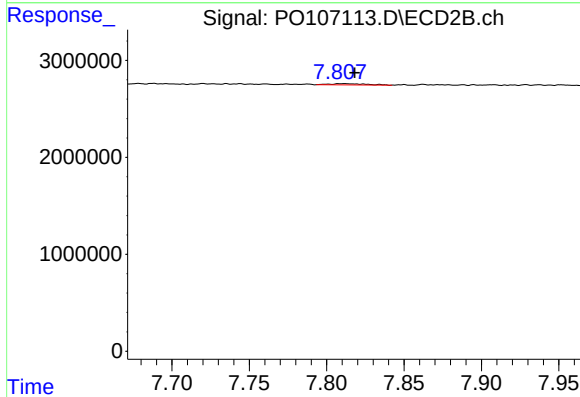
R.T.: 7.605 min
Delta R.T.: -0.006 min
Response: 956834
Conc: 2.59 ng/ml



#43 AR-1268-3

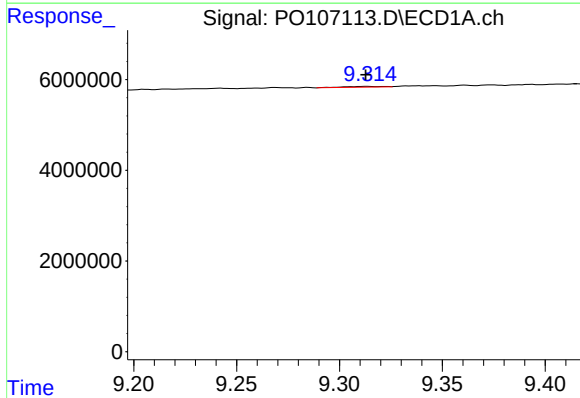
R.T.: 8.914 min
Delta R.T.: 0.006 min
Response: 204526
Conc: 0.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



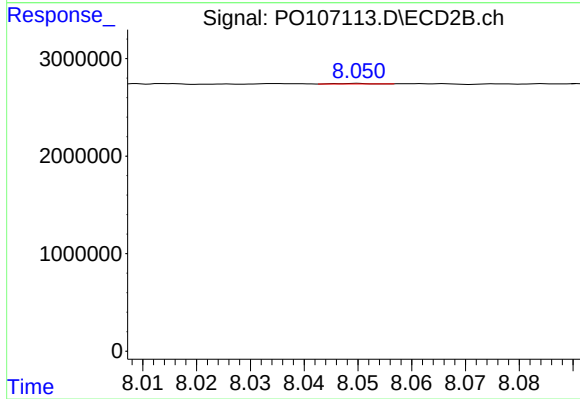
#43 AR-1268-3

R.T.: 7.811 min
Delta R.T.: -0.007 min
Response: 217265
Conc: 0.69 ng/ml



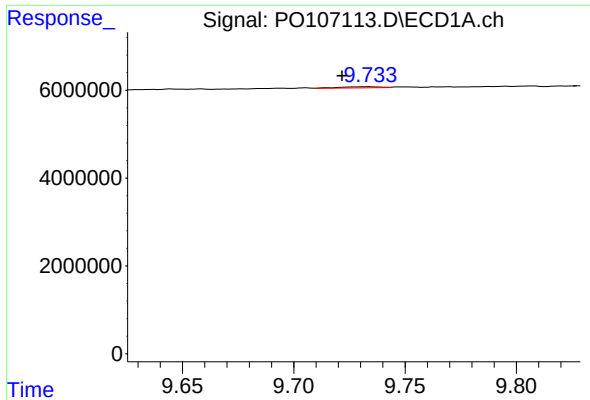
#44 AR-1268-4

R.T.: 9.314 min
Delta R.T.: 0.001 min
Response: 208992
Conc: 1.93 ng/ml



#44 AR-1268-4

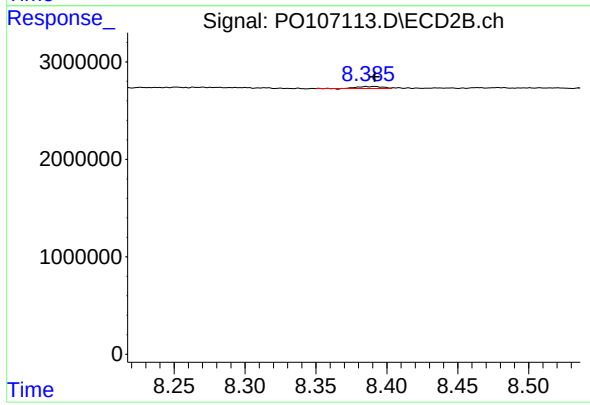
R.T.: 8.050 min
Delta R.T.: -0.052 min
Response: 22356
Conc: 0.19 ng/ml



#45 AR-1268-5

R.T.: 9.733 min
Delta R.T.: 0.011 min
Response: 327204
Conc: 0.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.385 min
Delta R.T.: -0.006 min
Response: 252089
Conc: 0.26 ng/ml