

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO101023\
 Data File : PO098629.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Oct 2023 10:17
 Operator : YP/AJ
 Sample : 04699-02
 Misc : AR1660 LOQ 50 PPB
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 04:10:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO092723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 28 01:18:56 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...	4.479	3.635	40784546	16058507	21.240	20.618
2)	SA Decachlor...	10.293	8.644	27901632	12996992	22.986	24.259
Target Compounds							
3)	L1 AR-1016-1	5.654	4.718	2581743	1116739	47.771	46.788
4)	L1 AR-1016-2	5.678	4.736	3802174	1590242	46.832	46.702
5)	L1 AR-1016-3	5.740	4.912	2359478	780137	47.158	43.368
6)	L1 AR-1016-4	5.838	4.954	1821854	711392	46.593	47.454
7)	L1 AR-1016-5	6.134	5.167	1689504	905873	41.086	46.645
8)	L2 AR-1221-1	4.686	3.850	437849	291248	19.447	31.700 #
9)	L2 AR-1221-2	4.788	3.934	1079743	343438	63.992	51.649
10)	L2 AR-1221-3	4.853	4.009	1539249	614061	31.472	30.440
11)	L3 AR-1232-1	4.853	4.009	1539249	614061	37.683	36.534
12)	L3 AR-1232-2	5.385	4.736	2206223	1590242	102.008	105.829
13)	L3 AR-1232-3	5.678	4.912	3802174	780137	106.957	99.677
14)	L3 AR-1232-4	5.838	4.997	1821854	888400	107.315	118.152
15)	L3 AR-1232-5	5.929	5.167	1736917	905873	121.993	111.978
16)	L4 AR-1242-1	5.654	4.718	2581743	1116739	56.696	53.341
17)	L4 AR-1242-2	5.678	4.736	3802174	1590242	55.514	54.691
18)	L4 AR-1242-3	5.740	4.912	2359478	780137	55.719	49.919
19)	L4 AR-1242-4	5.838	4.997	1821854	888400	55.525	53.640
20)	L4 AR-1242-5	6.579	5.520	791514	935783	22.346	50.423 #
21)	L5 AR-1248-1	5.654	4.718	2581743	1116739	76.286	71.261
22)	L5 AR-1248-2	5.929	4.954	1736917	711392	33.538	32.326
23)	L5 AR-1248-3	6.134	4.997	1689504	888400	29.896	37.837 #
24)	L5 AR-1248-4	6.541	5.167	755869	905873	13.334	33.961 #
25)	L5 AR-1248-5	6.579	5.560	791514	272468	13.382	11.547
26)	L6 AR-1254-1	6.512	5.520	1839182	935783	29.118	24.405
27)	L6 AR-1254-2	6.732	5.668	1682052	719375	17.527	20.895
28)	L6 AR-1254-3	7.102	6.087	686259	1240231	7.293	23.868 #
29)	L6 AR-1254-4	7.390	6.301	305334	132910	5.244	4.842
30)	L6 AR-1254-5	7.806	6.719	4357285	2099629	62.385	48.470
31)	L7 AR-1260-1	7.265	6.202	3233885	1983596	44.473	54.063
32)	L7 AR-1260-2	7.523	6.391	4008557	2214032	48.682	52.765
33)	L7 AR-1260-3	7.884	6.545	3033803	2020567	49.041	50.493
34)	L7 AR-1260-4	8.111	7.018	4080493	1643423	60.530	51.033
35)	L7 AR-1260-5	8.436	7.260	7016264	3428860	54.005	48.941
36)	L8 AR-1262-1	7.884	6.757	3033803	1787071	34.883	39.482
37)	L8 AR-1262-2	8.436	7.018	7016264	1643423	49.741	40.756
38)	L8 AR-1262-3	8.765	7.543	3788858	1187010	38.375	38.237
39)	L8 AR-1262-4	8.849	7.607	1027973	2485992	13.395	45.890 #
40)	L8 AR-1262-5	9.516	8.103	1350399	694828	27.839	28.136
41)	L9 AR-1268-1	8.765	7.543	3788858	1187010	21.820	12.990 #

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 Data File : PO098629.D
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 Acq On : 10 Oct 2023 10:17
 Operator : YP/AJ
 Sample : 04699-02
 Misc : AR1660 LOQ 50 PPB
 ALS Vial : 51 Sample Multiplier: 1

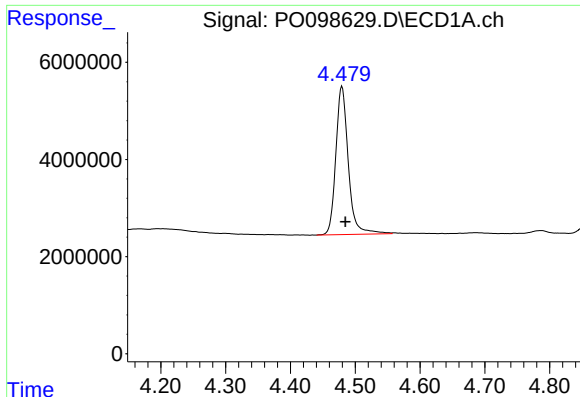
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 04:10:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO092723.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	8.849	7.607	1027973	2485992	6.593	32.061 #
43) L9	AR-1268-3	9.090	7.814	55465	105352	0.406	1.590 #
44) L9	AR-1268-4	9.516	8.103	1350399	694828	25.350	25.670
45) L9	AR-1268-5	9.947	8.394	788852	322638	1.796	1.630

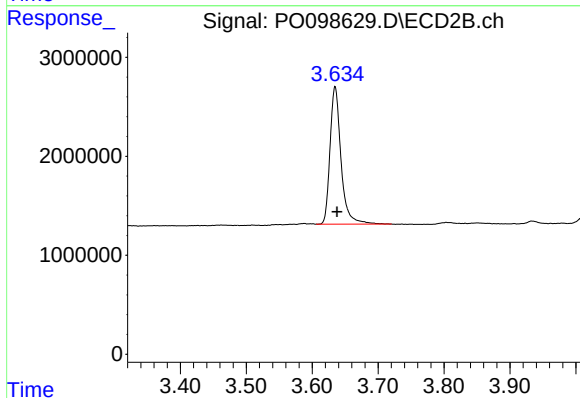
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

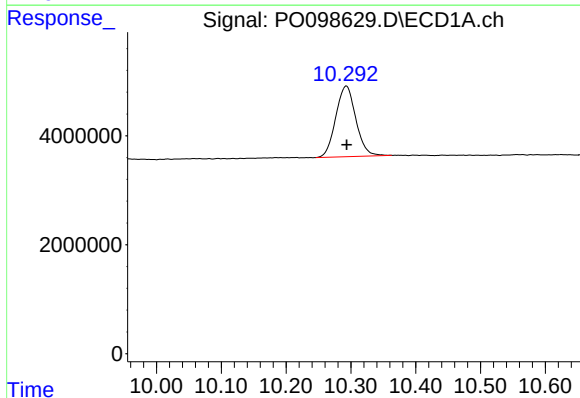
R.T.: 4.479 min
Delta R.T.: -0.006 min
Response: 40784546
Conc: 21.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



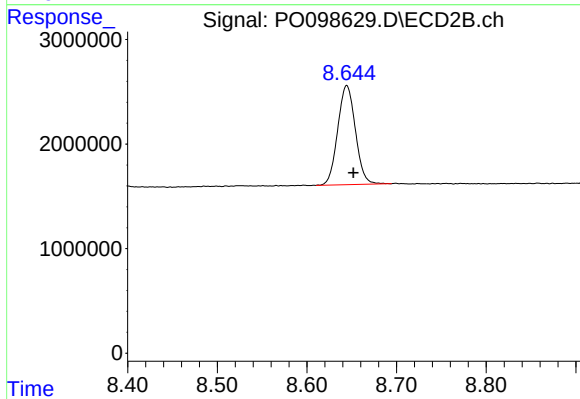
#1 Tetrachloro-m-xylene

R.T.: 3.635 min
Delta R.T.: -0.003 min
Response: 16058507
Conc: 20.62 ng/ml



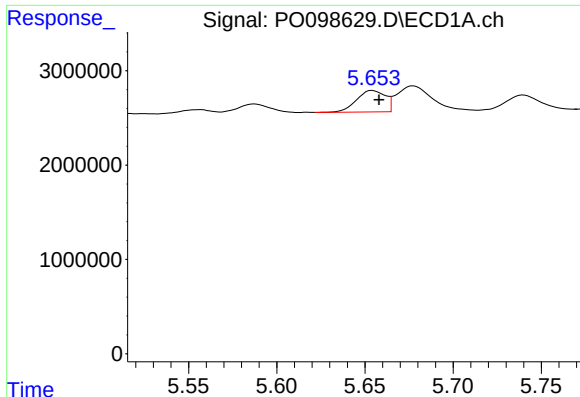
#2 Decachlorobiphenyl

R.T.: 10.293 min
Delta R.T.: 0.000 min
Response: 27901632
Conc: 22.99 ng/ml



#2 Decachlorobiphenyl

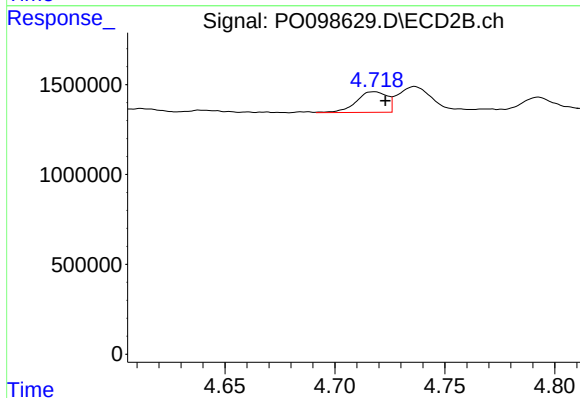
R.T.: 8.644 min
Delta R.T.: -0.008 min
Response: 12996992
Conc: 24.26 ng/ml



#3 AR-1016-1

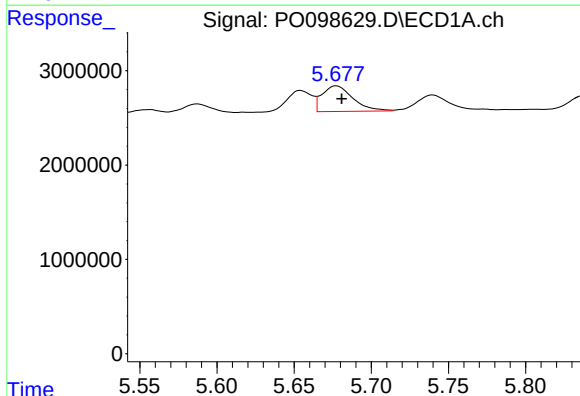
R.T.: 5.654 min
Delta R.T.: -0.004 min
Response: 2581743
Conc: 47.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



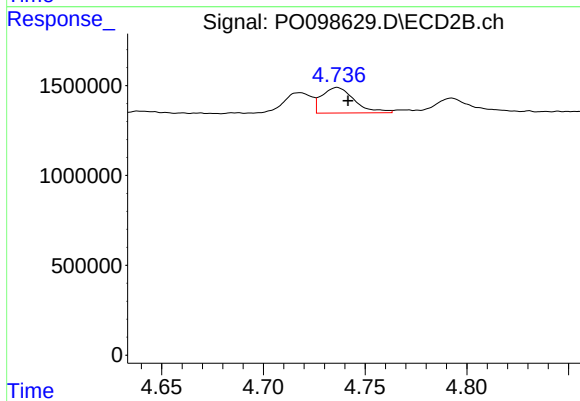
#3 AR-1016-1

R.T.: 4.718 min
Delta R.T.: -0.005 min
Response: 1116739
Conc: 46.79 ng/ml



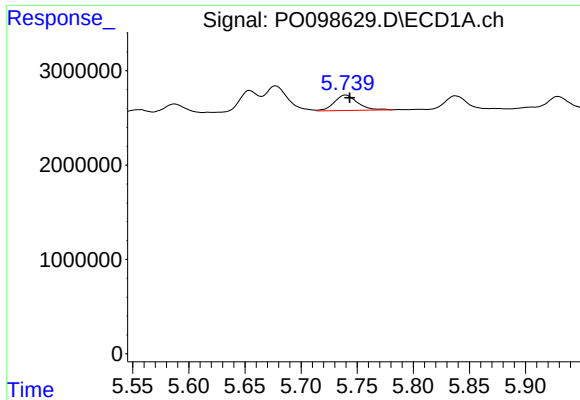
#4 AR-1016-2

R.T.: 5.678 min
Delta R.T.: -0.003 min
Response: 3802174
Conc: 46.83 ng/ml



#4 AR-1016-2

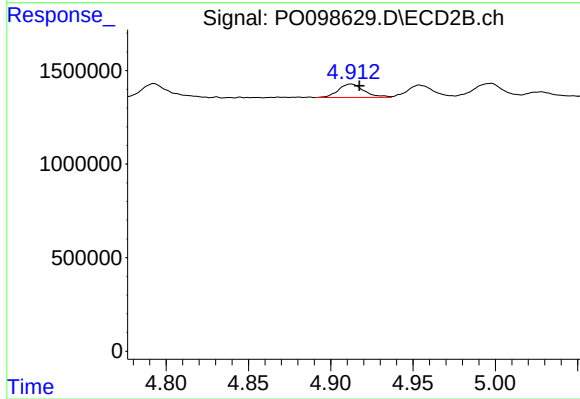
R.T.: 4.736 min
Delta R.T.: -0.005 min
Response: 1590242
Conc: 46.70 ng/ml



#5 AR-1016-3

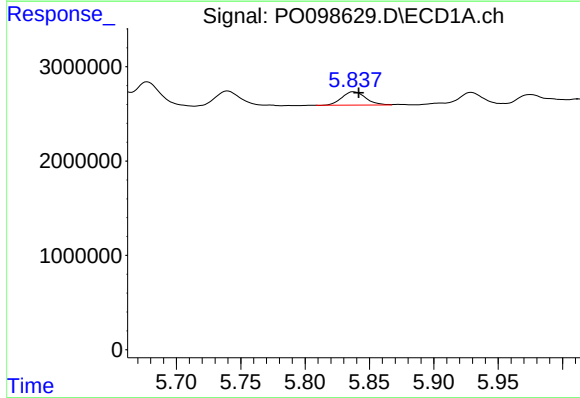
R.T.: 5.740 min
Delta R.T.: -0.003 min
Response: 2359478
Conc: 47.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



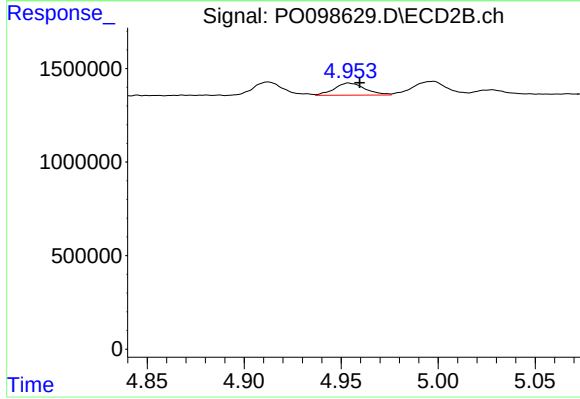
#5 AR-1016-3

R.T.: 4.912 min
Delta R.T.: -0.005 min
Response: 780137
Conc: 43.37 ng/ml



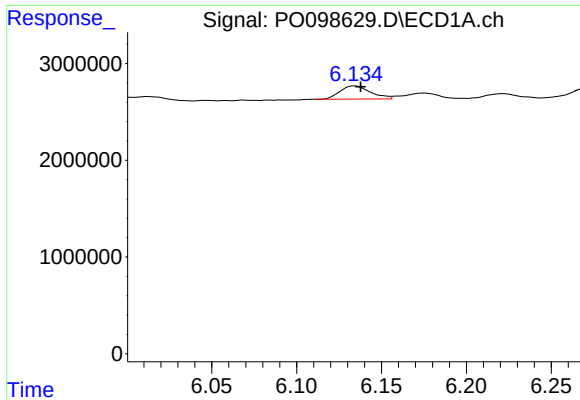
#6 AR-1016-4

R.T.: 5.838 min
Delta R.T.: -0.004 min
Response: 1821854
Conc: 46.59 ng/ml



#6 AR-1016-4

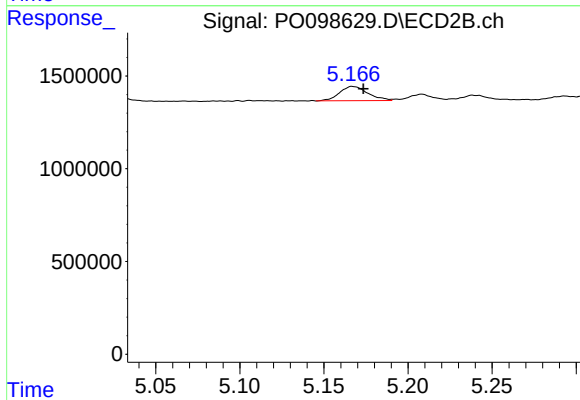
R.T.: 4.954 min
Delta R.T.: -0.005 min
Response: 711392
Conc: 47.45 ng/ml



#7 AR-1016-5

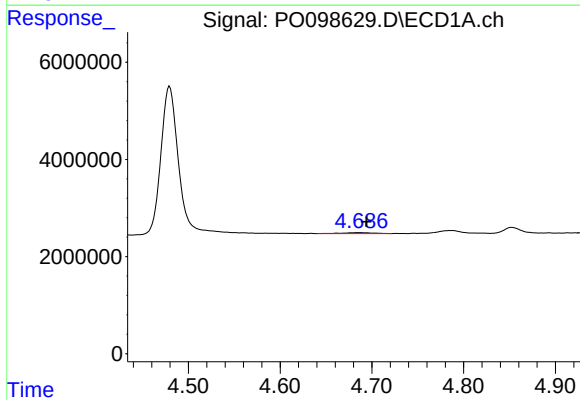
R.T.: 6.134 min
Delta R.T.: -0.004 min
Response: 1689504
Conc: 41.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



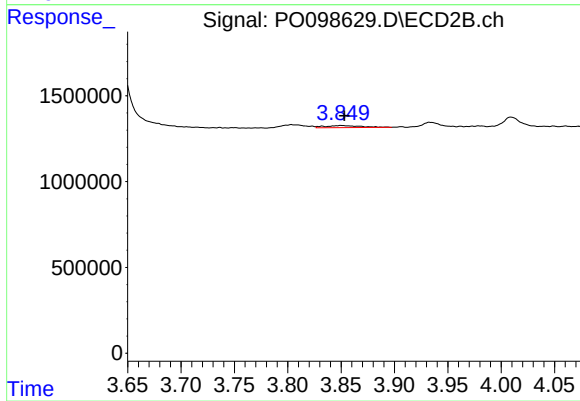
#7 AR-1016-5

R.T.: 5.167 min
Delta R.T.: -0.006 min
Response: 905873
Conc: 46.65 ng/ml



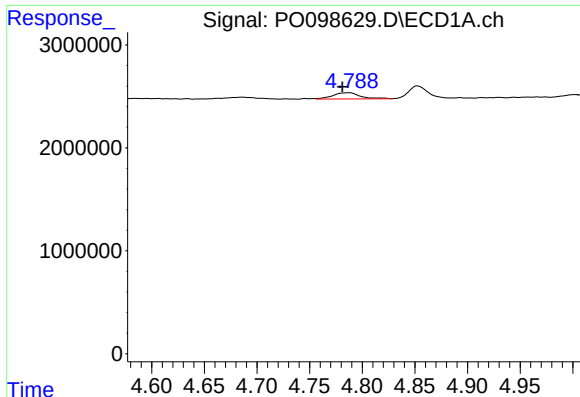
#8 AR-1221-1

R.T.: 4.686 min
Delta R.T.: -0.008 min
Response: 437849
Conc: 19.45 ng/ml



#8 AR-1221-1

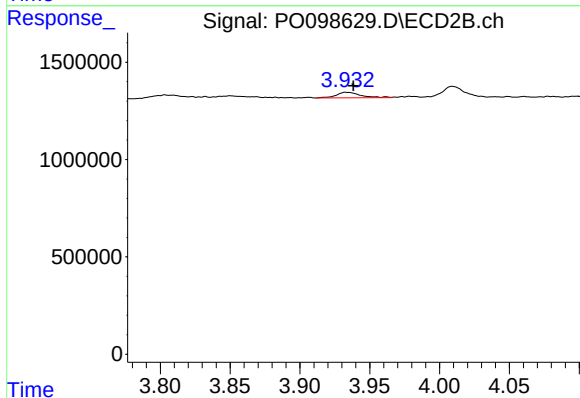
R.T.: 3.850 min
Delta R.T.: -0.003 min
Response: 291248
Conc: 31.70 ng/ml



#9 AR-1221-2

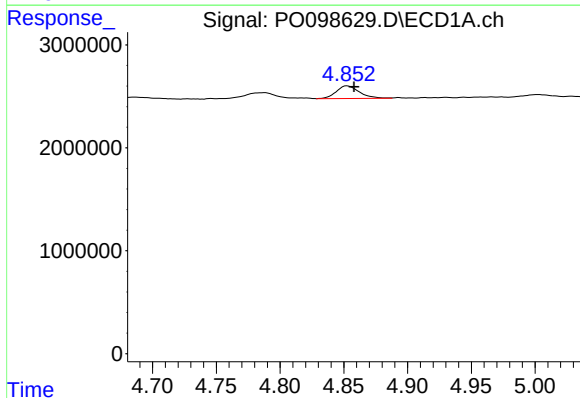
R.T.: 4.788 min
Delta R.T.: 0.007 min
Response: 1079743
Conc: 63.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



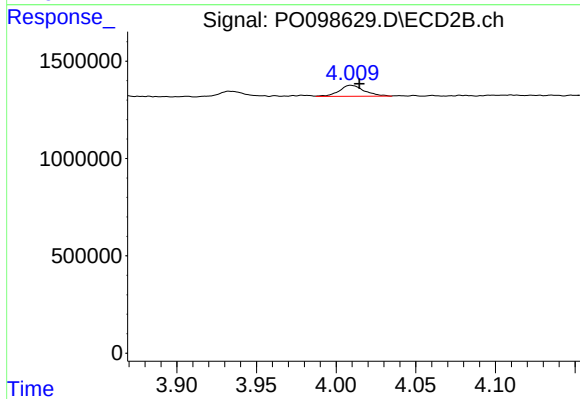
#9 AR-1221-2

R.T.: 3.934 min
Delta R.T.: -0.005 min
Response: 343438
Conc: 51.65 ng/ml



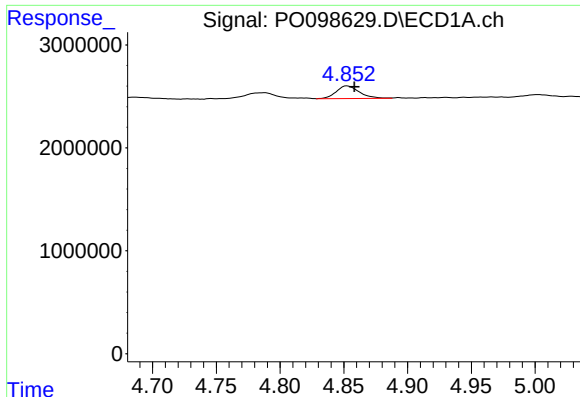
#10 AR-1221-3

R.T.: 4.853 min
Delta R.T.: -0.006 min
Response: 1539249
Conc: 31.47 ng/ml



#10 AR-1221-3

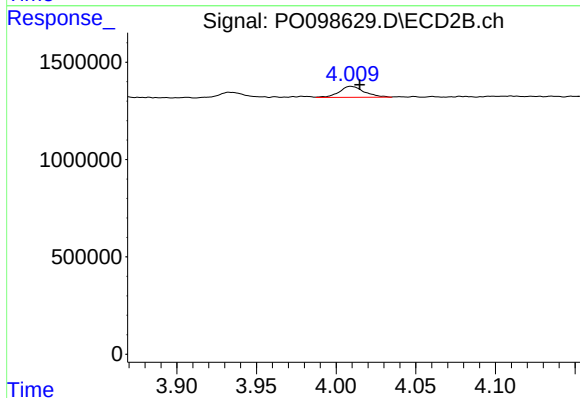
R.T.: 4.009 min
Delta R.T.: -0.005 min
Response: 614061
Conc: 30.44 ng/ml



#11 AR-1232-1

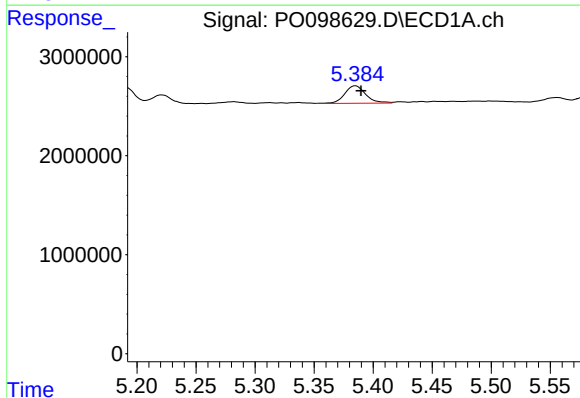
R.T.: 4.853 min
Delta R.T.: -0.006 min
Response: 1539249
Conc: 37.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



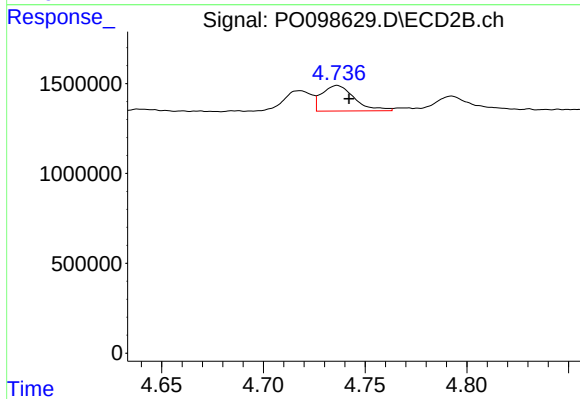
#11 AR-1232-1

R.T.: 4.009 min
Delta R.T.: -0.005 min
Response: 614061
Conc: 36.53 ng/ml



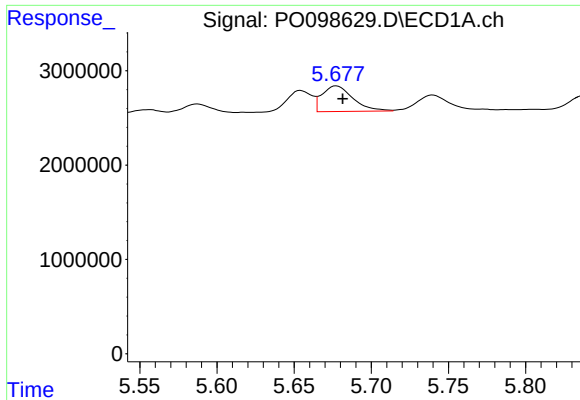
#12 AR-1232-2

R.T.: 5.385 min
Delta R.T.: -0.005 min
Response: 2206223
Conc: 102.01 ng/ml



#12 AR-1232-2

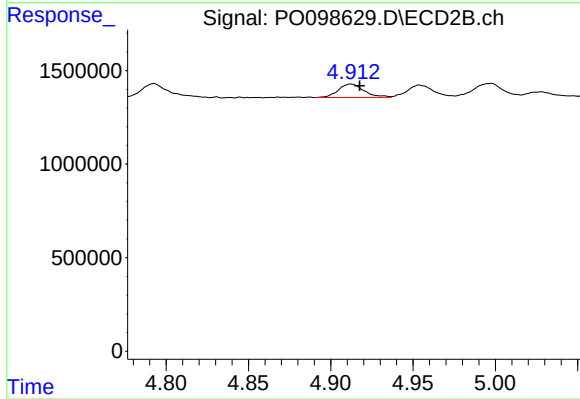
R.T.: 4.736 min
Delta R.T.: -0.006 min
Response: 1590242
Conc: 105.83 ng/ml



#13 AR-1232-3

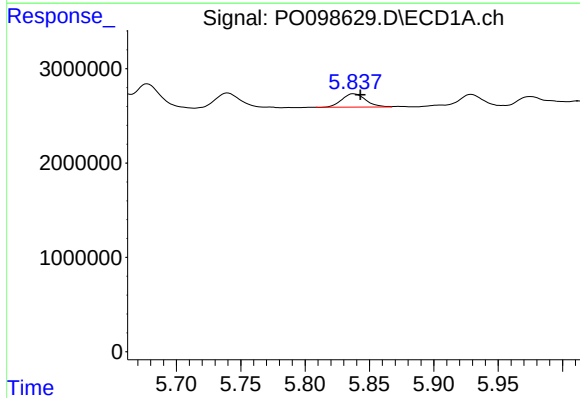
R.T.: 5.678 min
Delta R.T.: -0.004 min
Response: 3802174
Conc: 106.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



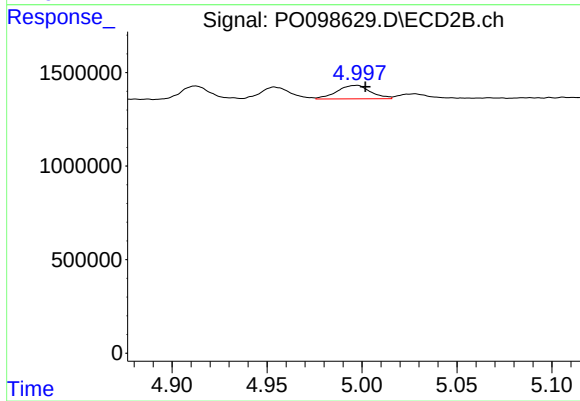
#13 AR-1232-3

R.T.: 4.912 min
Delta R.T.: -0.005 min
Response: 780137
Conc: 99.68 ng/ml



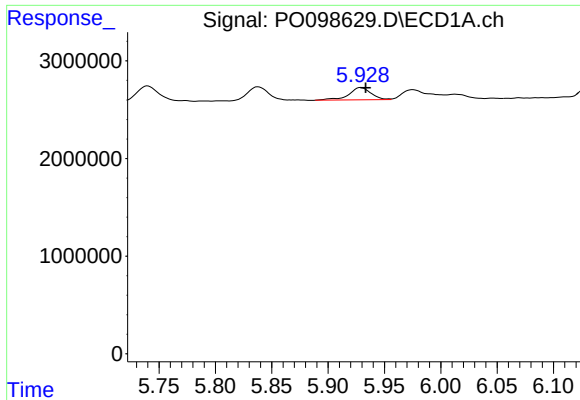
#14 AR-1232-4

R.T.: 5.838 min
Delta R.T.: -0.005 min
Response: 1821854
Conc: 107.32 ng/ml



#14 AR-1232-4

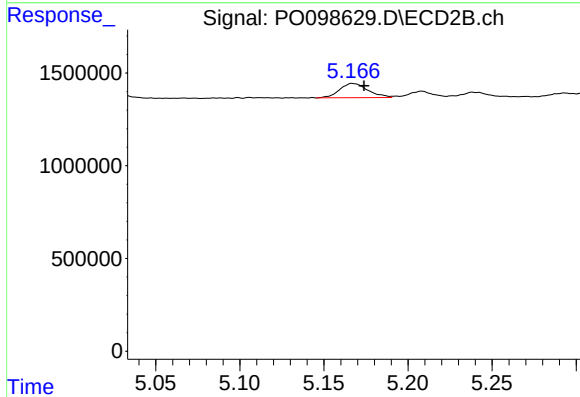
R.T.: 4.997 min
Delta R.T.: -0.005 min
Response: 888400
Conc: 118.15 ng/ml



#15 AR-1232-5

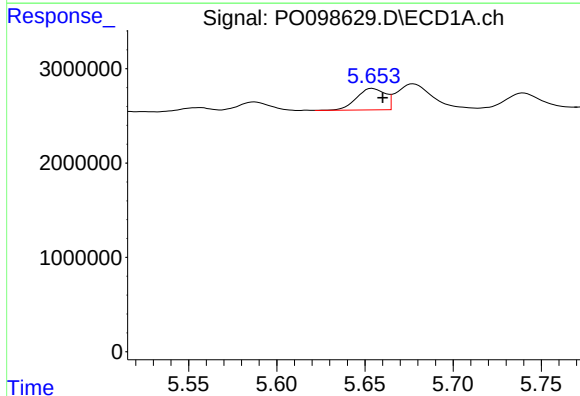
R.T.: 5.929 min
Delta R.T.: -0.004 min
Response: 1736917
Conc: 121.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



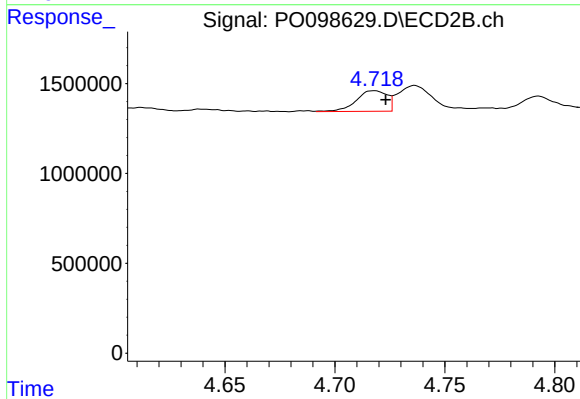
#15 AR-1232-5

R.T.: 5.167 min
Delta R.T.: -0.007 min
Response: 905873
Conc: 111.98 ng/ml



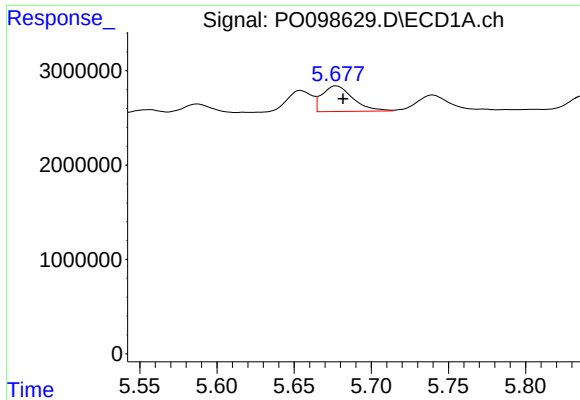
#16 AR-1242-1

R.T.: 5.654 min
Delta R.T.: -0.006 min
Response: 2581743
Conc: 56.70 ng/ml



#16 AR-1242-1

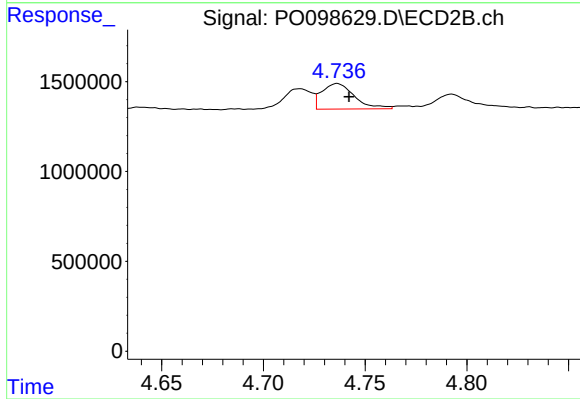
R.T.: 4.718 min
Delta R.T.: -0.005 min
Response: 1116739
Conc: 53.34 ng/ml



#17 AR-1242-2

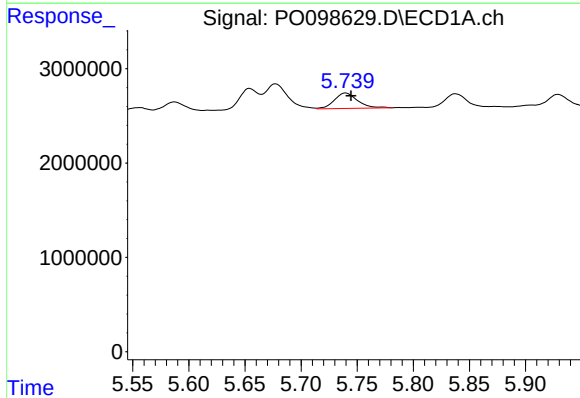
R.T.: 5.678 min
Delta R.T.: -0.004 min
Response: 3802174
Conc: 55.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



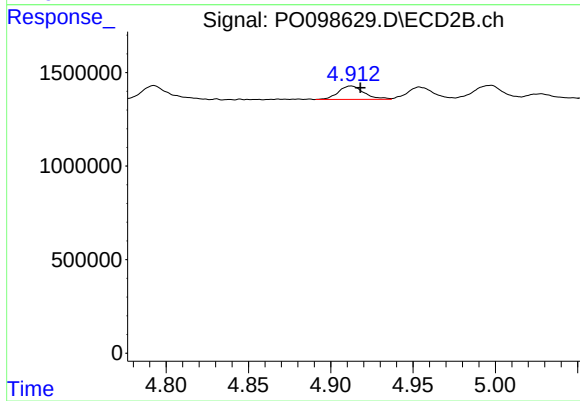
#17 AR-1242-2

R.T.: 4.736 min
Delta R.T.: -0.006 min
Response: 1590242
Conc: 54.69 ng/ml



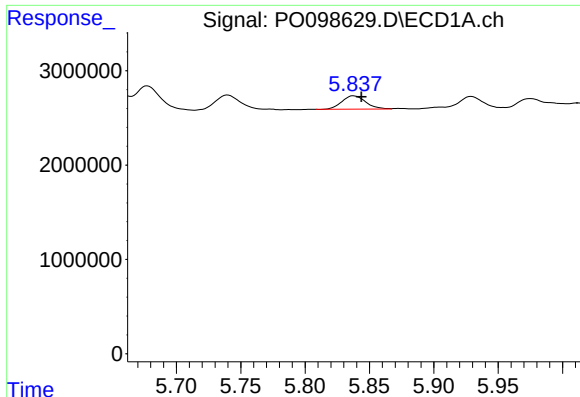
#18 AR-1242-3

R.T.: 5.740 min
Delta R.T.: -0.005 min
Response: 2359478
Conc: 55.72 ng/ml



#18 AR-1242-3

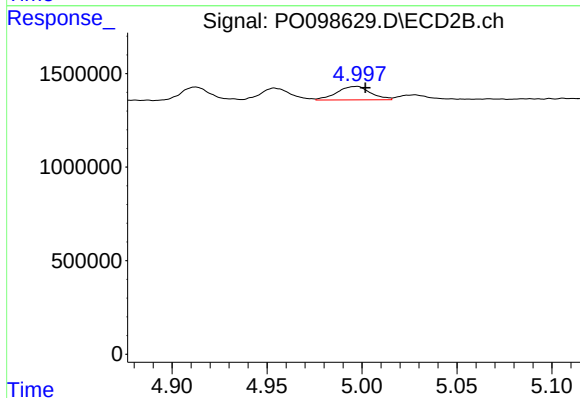
R.T.: 4.912 min
Delta R.T.: -0.006 min
Response: 780137
Conc: 49.92 ng/ml



#19 AR-1242-4

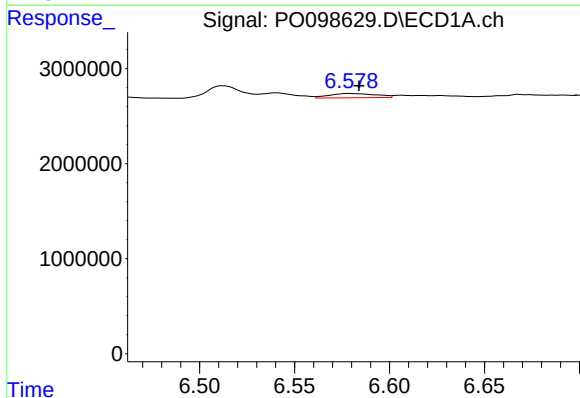
R.T.: 5.838 min
Delta R.T.: -0.006 min
Response: 1821854
Conc: 55.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



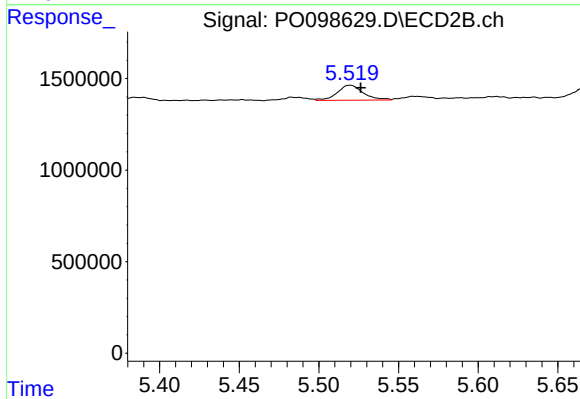
#19 AR-1242-4

R.T.: 4.997 min
Delta R.T.: -0.005 min
Response: 888400
Conc: 53.64 ng/ml



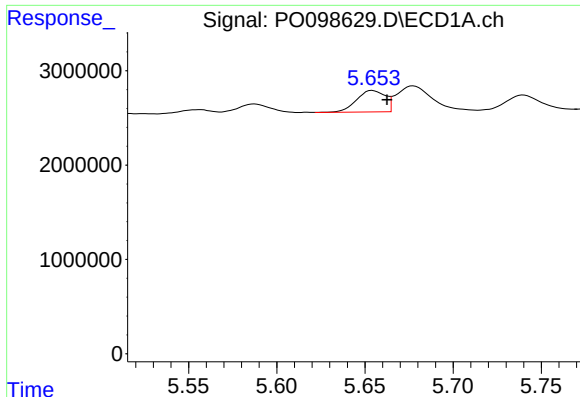
#20 AR-1242-5

R.T.: 6.579 min
Delta R.T.: -0.005 min
Response: 791514
Conc: 22.35 ng/ml



#20 AR-1242-5

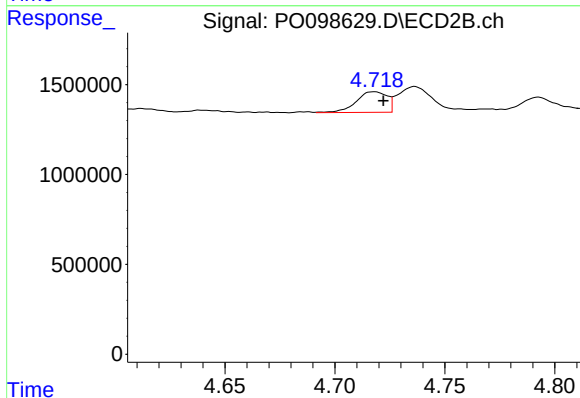
R.T.: 5.520 min
Delta R.T.: -0.007 min
Response: 935783
Conc: 50.42 ng/ml



#21 AR-1248-1

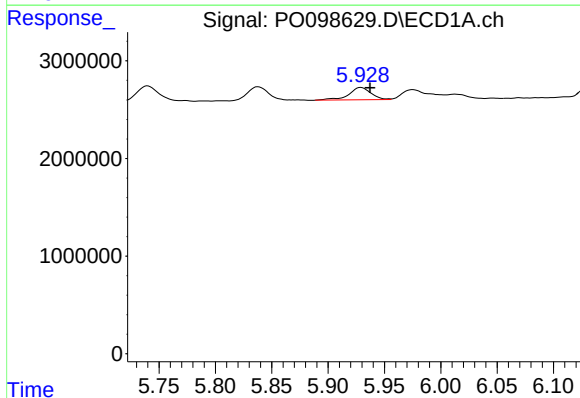
R.T.: 5.654 min
Delta R.T.: -0.008 min
Response: 2581743
Conc: 76.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



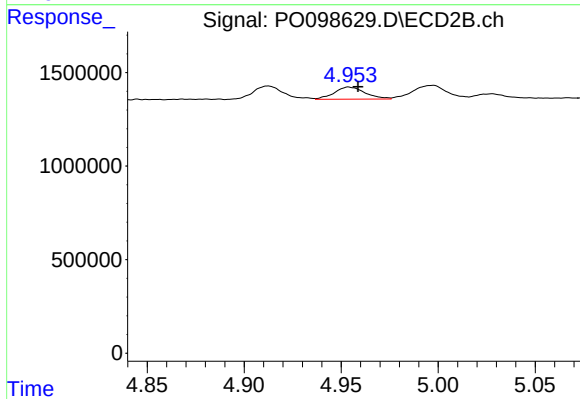
#21 AR-1248-1

R.T.: 4.718 min
Delta R.T.: -0.004 min
Response: 1116739
Conc: 71.26 ng/ml



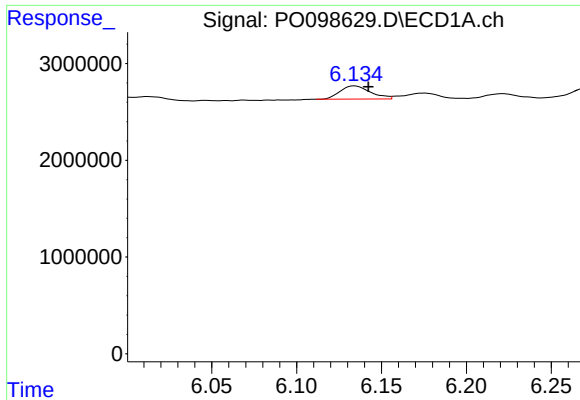
#22 AR-1248-2

R.T.: 5.929 min
Delta R.T.: -0.008 min
Response: 1736917
Conc: 33.54 ng/ml



#22 AR-1248-2

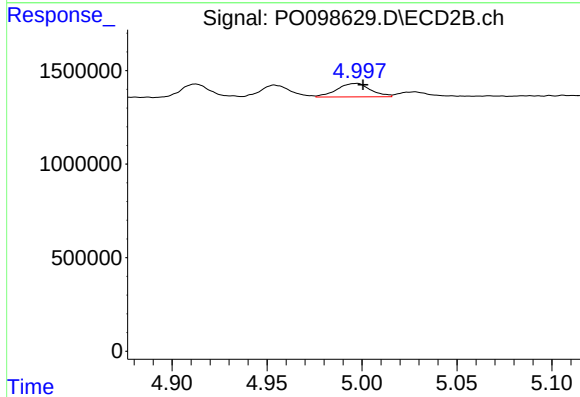
R.T.: 4.954 min
Delta R.T.: -0.005 min
Response: 711392
Conc: 32.33 ng/ml



#23 AR-1248-3

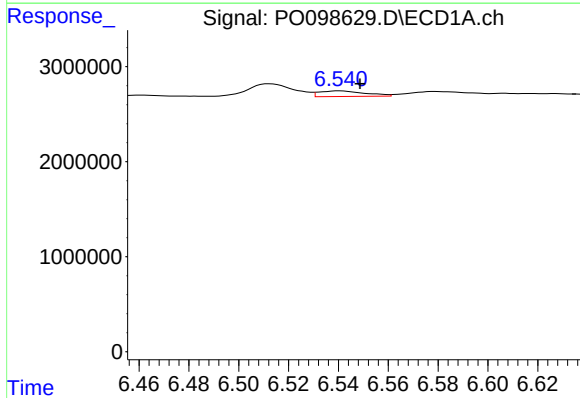
R.T.: 6.134 min
Delta R.T.: -0.008 min
Response: 1689504
Conc: 29.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



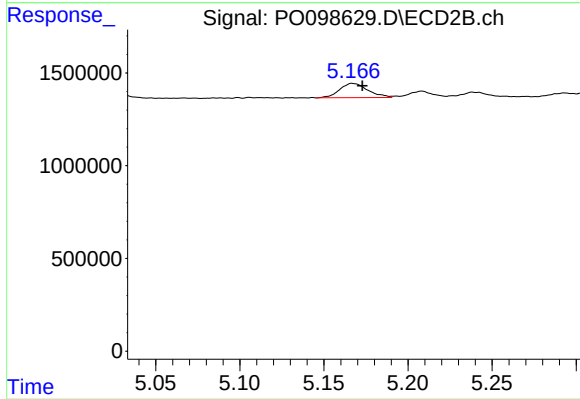
#23 AR-1248-3

R.T.: 4.997 min
Delta R.T.: -0.003 min
Response: 888400
Conc: 37.84 ng/ml



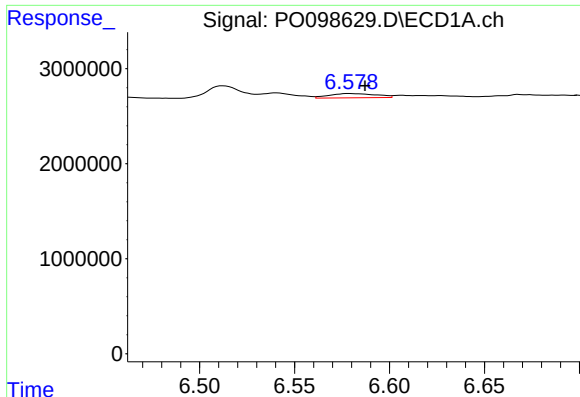
#24 AR-1248-4

R.T.: 6.541 min
Delta R.T.: -0.008 min
Response: 755869
Conc: 13.33 ng/ml



#24 AR-1248-4

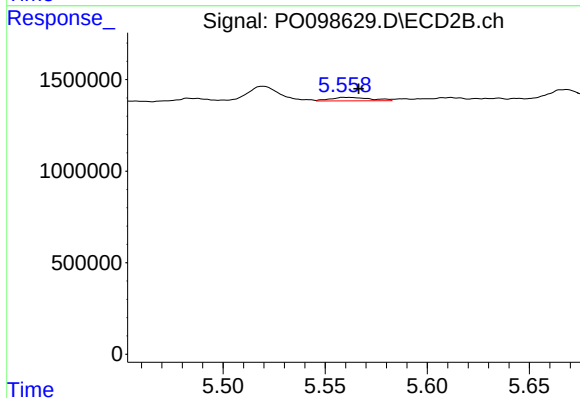
R.T.: 5.167 min
Delta R.T.: -0.006 min
Response: 905873
Conc: 33.96 ng/ml



#25 AR-1248-5

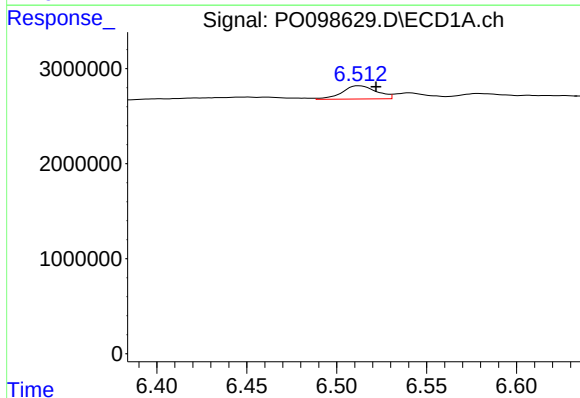
R.T.: 6.579 min
Delta R.T.: -0.008 min
Response: 791514
Conc: 13.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



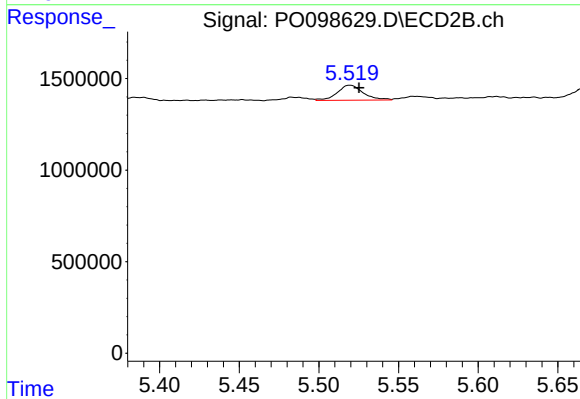
#25 AR-1248-5

R.T.: 5.560 min
Delta R.T.: -0.006 min
Response: 272468
Conc: 11.55 ng/ml



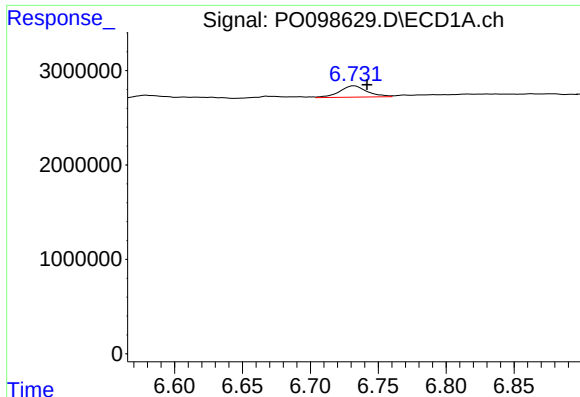
#26 AR-1254-1

R.T.: 6.512 min
Delta R.T.: -0.009 min
Response: 1839182
Conc: 29.12 ng/ml



#26 AR-1254-1

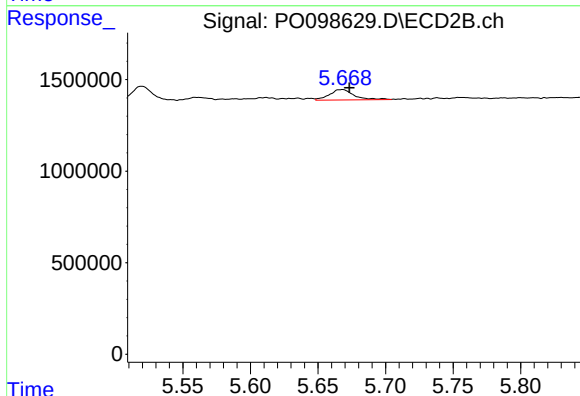
R.T.: 5.520 min
Delta R.T.: -0.006 min
Response: 935783
Conc: 24.40 ng/ml



#27 AR-1254-2

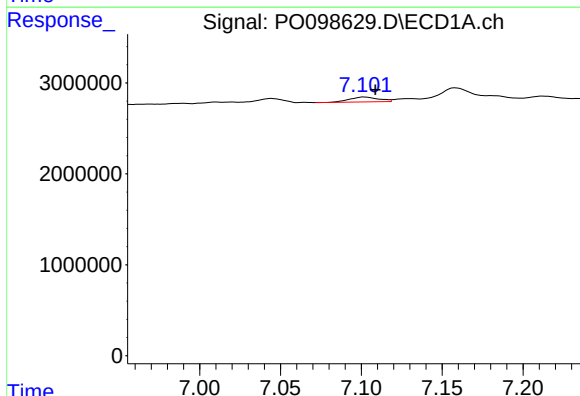
R.T.: 6.732 min
Delta R.T.: -0.010 min
Response: 1682052
Conc: 17.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



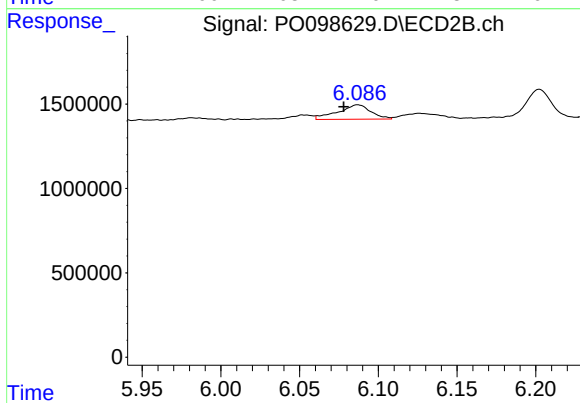
#27 AR-1254-2

R.T.: 5.668 min
Delta R.T.: -0.005 min
Response: 719375
Conc: 20.90 ng/ml



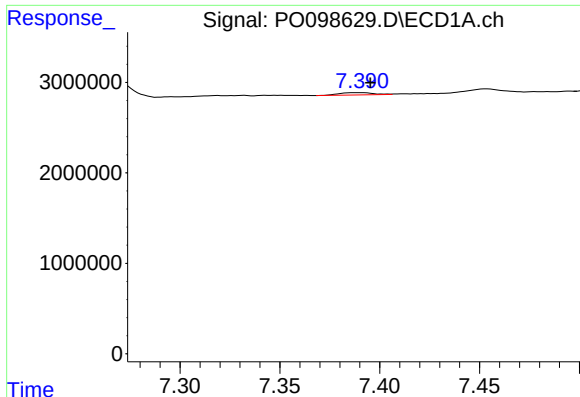
#28 AR-1254-3

R.T.: 7.102 min
Delta R.T.: -0.007 min
Response: 686259
Conc: 7.29 ng/ml



#28 AR-1254-3

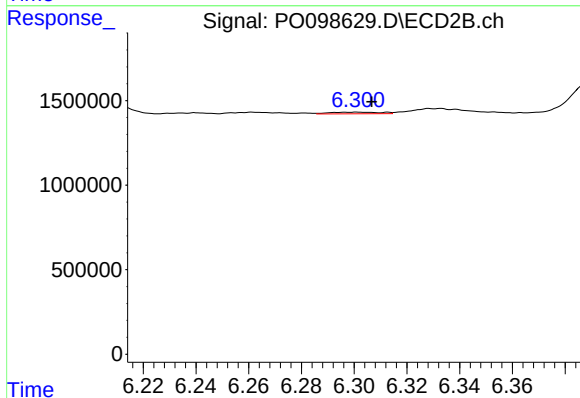
R.T.: 6.087 min
Delta R.T.: 0.009 min
Response: 1240231
Conc: 23.87 ng/ml



#29 AR-1254-4

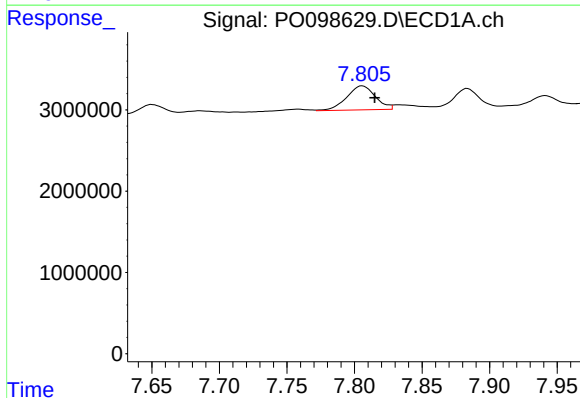
R.T.: 7.390 min
Delta R.T.: -0.006 min
Response: 305334
Conc: 5.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



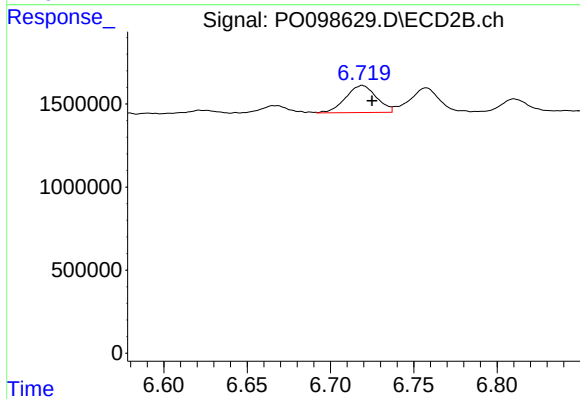
#29 AR-1254-4

R.T.: 6.301 min
Delta R.T.: -0.005 min
Response: 132910
Conc: 4.84 ng/ml



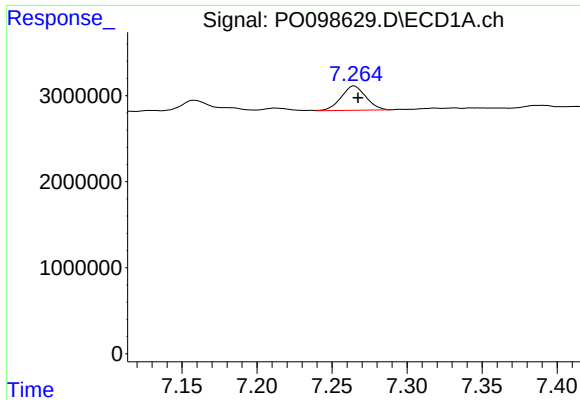
#30 AR-1254-5

R.T.: 7.806 min
Delta R.T.: -0.009 min
Response: 4357285
Conc: 62.39 ng/ml



#30 AR-1254-5

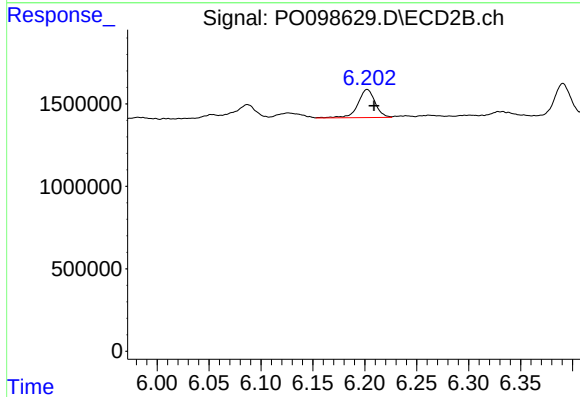
R.T.: 6.719 min
Delta R.T.: -0.006 min
Response: 2099629
Conc: 48.47 ng/ml



#31 AR-1260-1

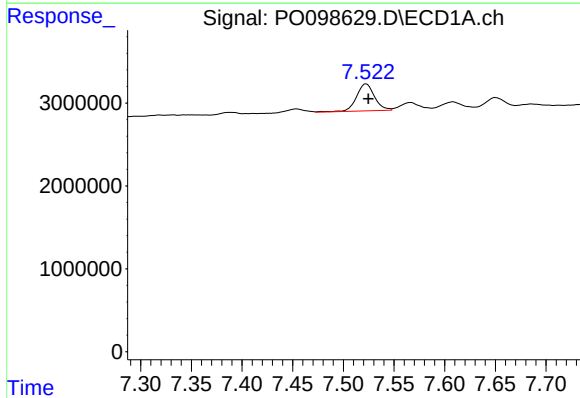
R.T.: 7.265 min
Delta R.T.: -0.002 min
Response: 3233885
Conc: 44.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



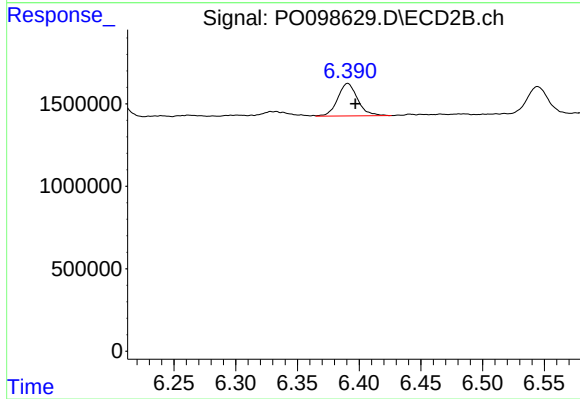
#31 AR-1260-1

R.T.: 6.202 min
Delta R.T.: -0.007 min
Response: 1983596
Conc: 54.06 ng/ml



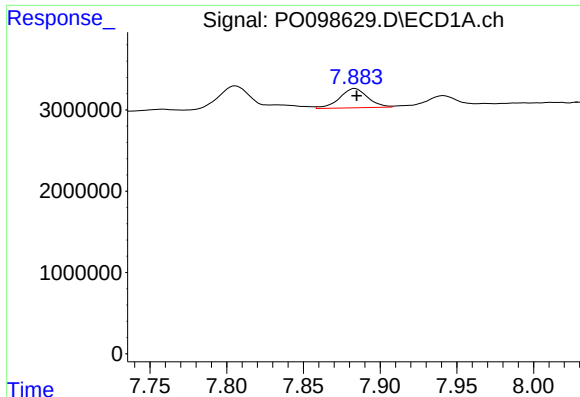
#32 AR-1260-2

R.T.: 7.523 min
Delta R.T.: -0.002 min
Response: 4008557
Conc: 48.68 ng/ml



#32 AR-1260-2

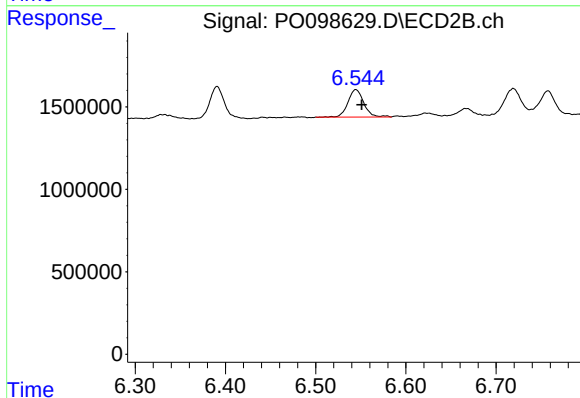
R.T.: 6.391 min
Delta R.T.: -0.006 min
Response: 2214032
Conc: 52.76 ng/ml



#33 AR-1260-3

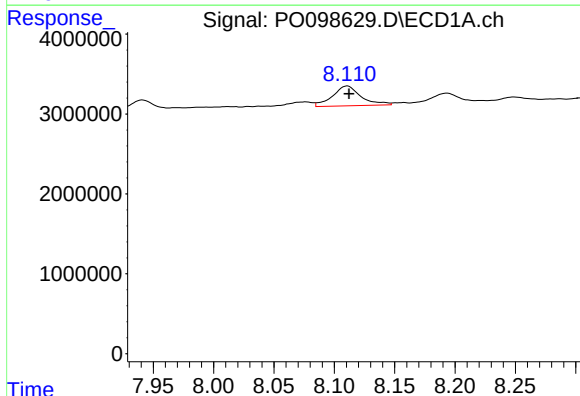
R.T.: 7.884 min
Delta R.T.: -0.001 min
Response: 3033803
Conc: 49.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



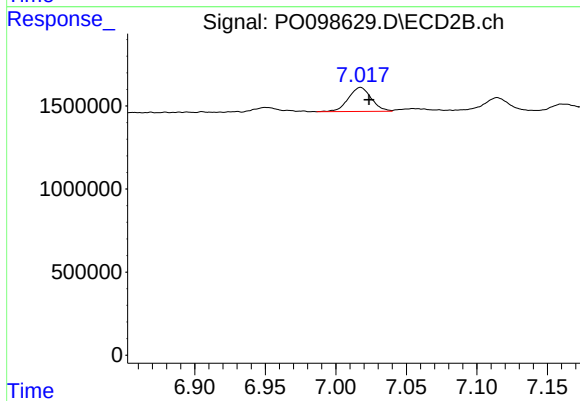
#33 AR-1260-3

R.T.: 6.545 min
Delta R.T.: -0.006 min
Response: 2020567
Conc: 50.49 ng/ml



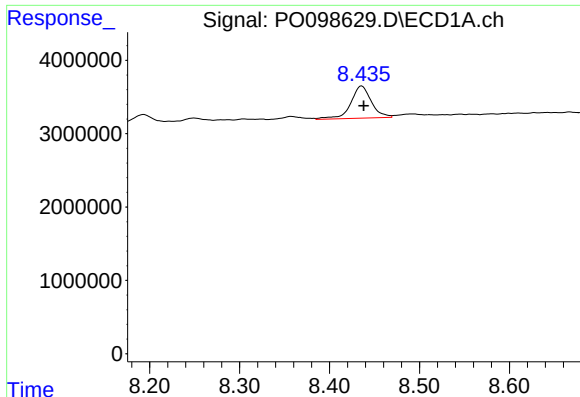
#34 AR-1260-4

R.T.: 8.111 min
Delta R.T.: -0.001 min
Response: 4080493
Conc: 60.53 ng/ml



#34 AR-1260-4

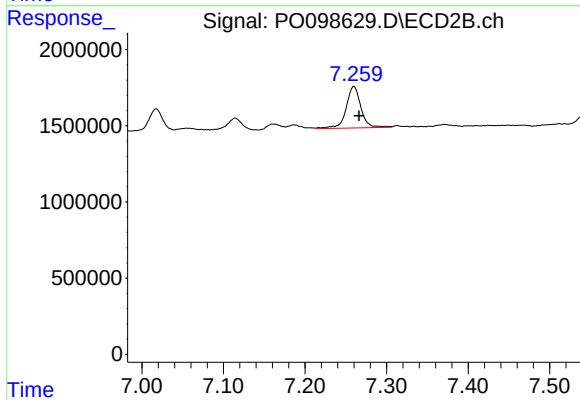
R.T.: 7.018 min
Delta R.T.: -0.006 min
Response: 1643423
Conc: 51.03 ng/ml



#35 AR-1260-5

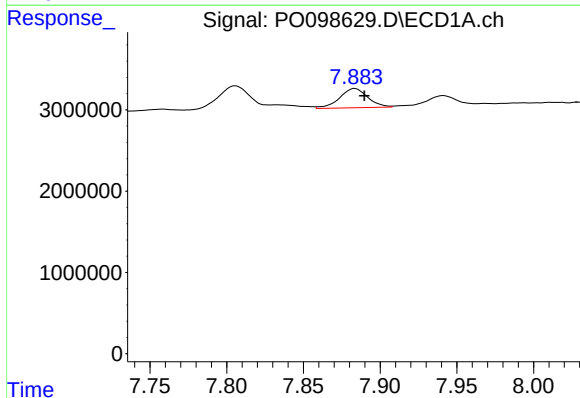
R.T.: 8.436 min
Delta R.T.: -0.002 min
Response: 7016264
Conc: 54.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



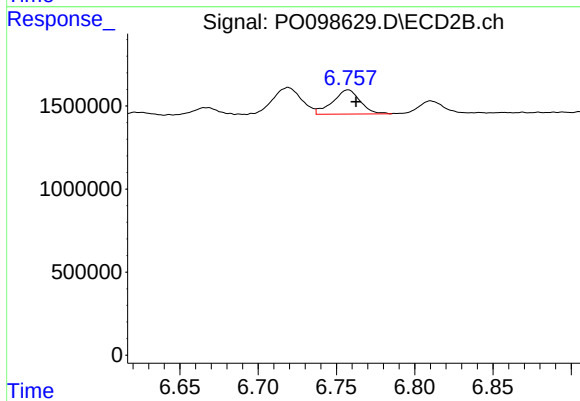
#35 AR-1260-5

R.T.: 7.260 min
Delta R.T.: -0.006 min
Response: 3428860
Conc: 48.94 ng/ml



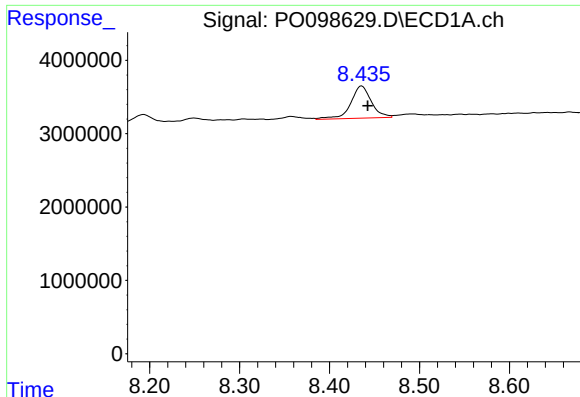
#36 AR-1262-1

R.T.: 7.884 min
Delta R.T.: -0.006 min
Response: 3033803
Conc: 34.88 ng/ml



#36 AR-1262-1

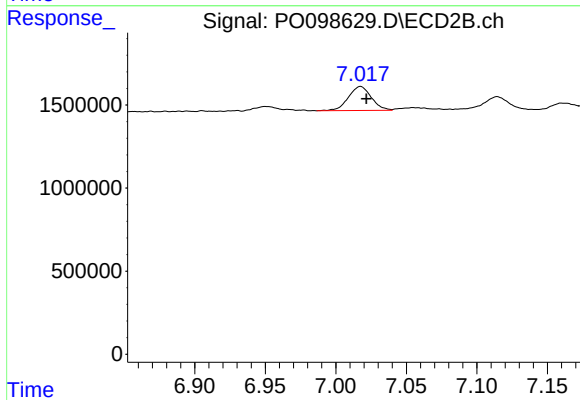
R.T.: 6.757 min
Delta R.T.: -0.005 min
Response: 1787071
Conc: 39.48 ng/ml



#37 AR-1262-2

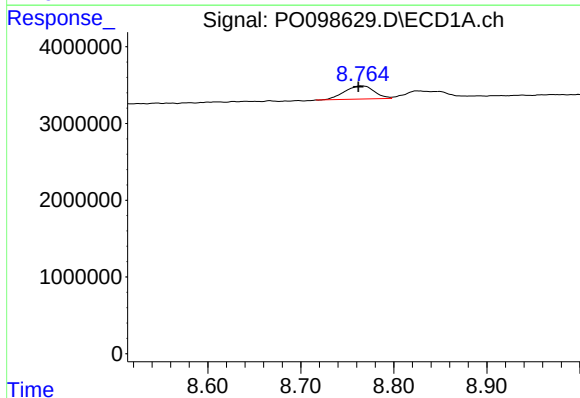
R.T.: 8.436 min
Delta R.T.: -0.007 min
Response: 7016264
Conc: 49.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



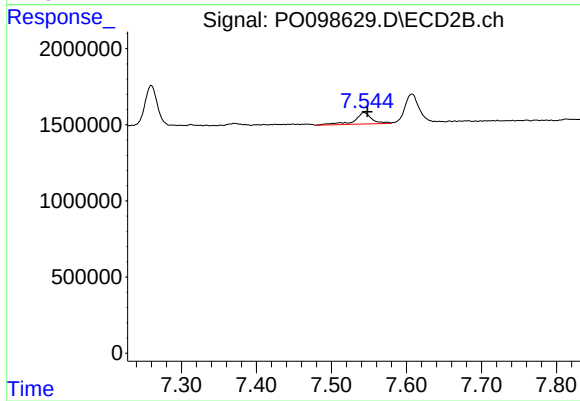
#37 AR-1262-2

R.T.: 7.018 min
Delta R.T.: -0.004 min
Response: 1643423
Conc: 40.76 ng/ml



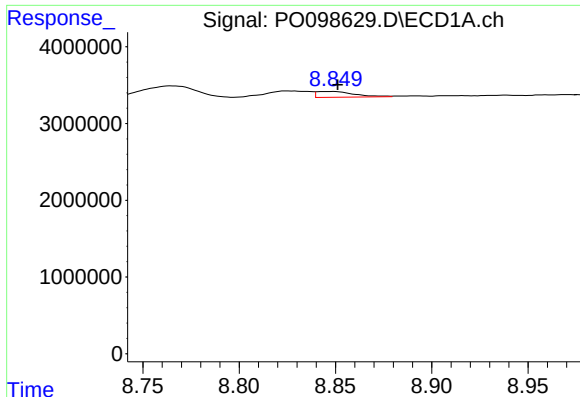
#38 AR-1262-3

R.T.: 8.765 min
Delta R.T.: 0.003 min
Response: 3788858
Conc: 38.38 ng/ml



#38 AR-1262-3

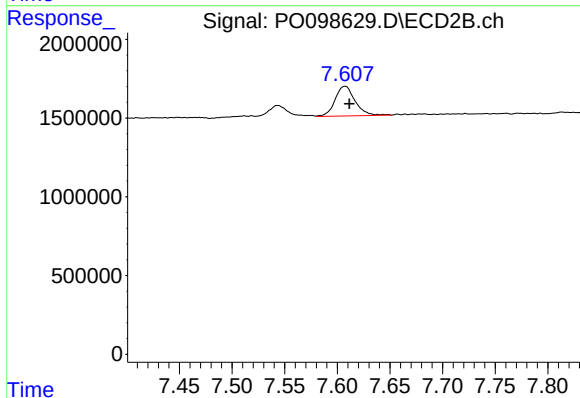
R.T.: 7.543 min
Delta R.T.: -0.005 min
Response: 1187010
Conc: 38.24 ng/ml



#39 AR-1262-4

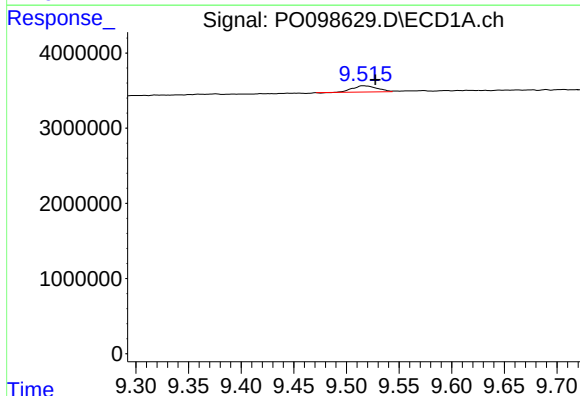
R.T.: 8.849 min
Delta R.T.: -0.002 min
Response: 1027973
Conc: 13.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



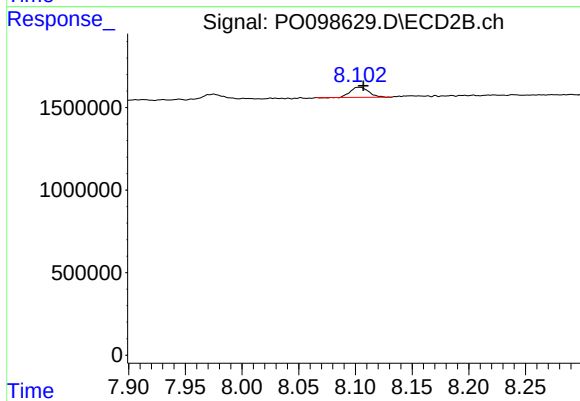
#39 AR-1262-4

R.T.: 7.607 min
Delta R.T.: -0.004 min
Response: 2485992
Conc: 45.89 ng/ml



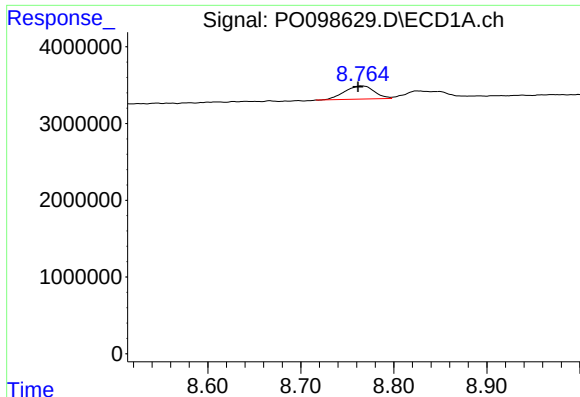
#40 AR-1262-5

R.T.: 9.516 min
Delta R.T.: -0.011 min
Response: 1350399
Conc: 27.84 ng/ml



#40 AR-1262-5

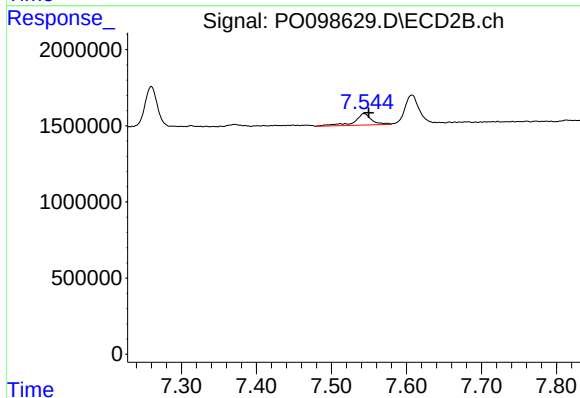
R.T.: 8.103 min
Delta R.T.: -0.004 min
Response: 694828
Conc: 28.14 ng/ml



#41 AR-1268-1

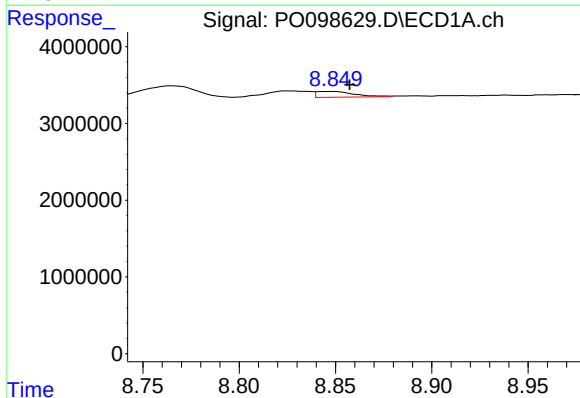
R.T.: 8.765 min
Delta R.T.: 0.004 min
Response: 3788858
Conc: 21.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



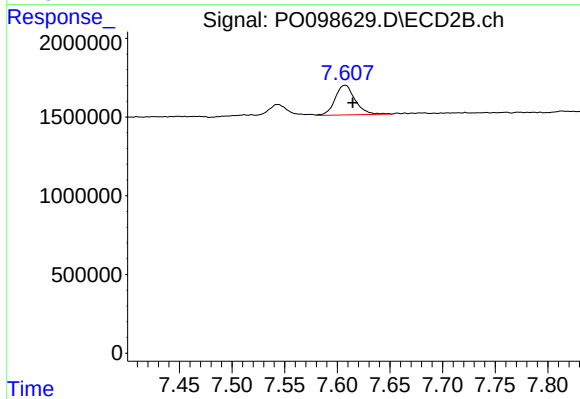
#41 AR-1268-1

R.T.: 7.543 min
Delta R.T.: -0.006 min
Response: 1187010
Conc: 12.99 ng/ml



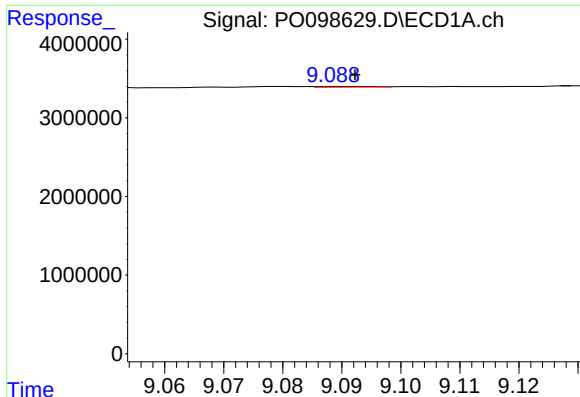
#42 AR-1268-2

R.T.: 8.849 min
Delta R.T.: -0.008 min
Response: 1027973
Conc: 6.59 ng/ml



#42 AR-1268-2

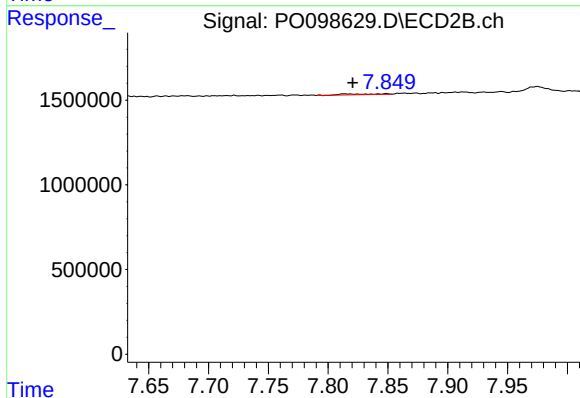
R.T.: 7.607 min
Delta R.T.: -0.007 min
Response: 2485992
Conc: 32.06 ng/ml



#43 AR-1268-3

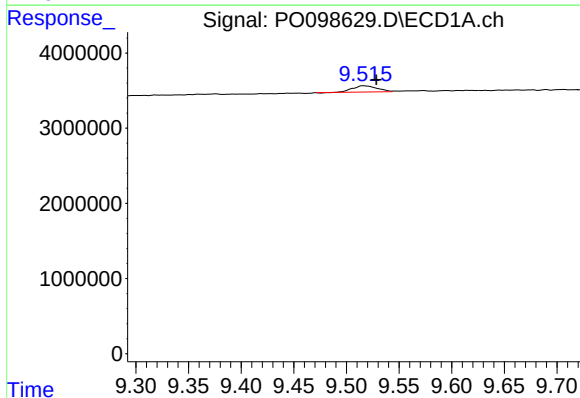
R.T.: 9.090 min
Delta R.T.: -0.002 min
Response: 55465
Conc: 0.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



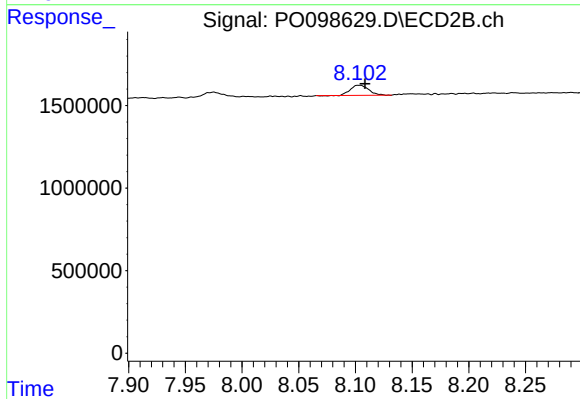
#43 AR-1268-3

R.T.: 7.814 min
Delta R.T.: -0.007 min
Response: 105352
Conc: 1.59 ng/ml



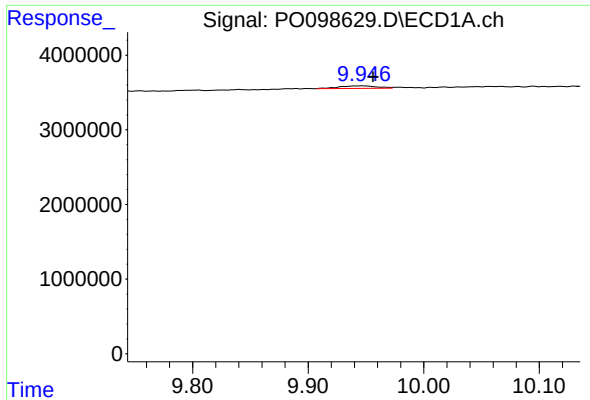
#44 AR-1268-4

R.T.: 9.516 min
Delta R.T.: -0.012 min
Response: 1350399
Conc: 25.35 ng/ml



#44 AR-1268-4

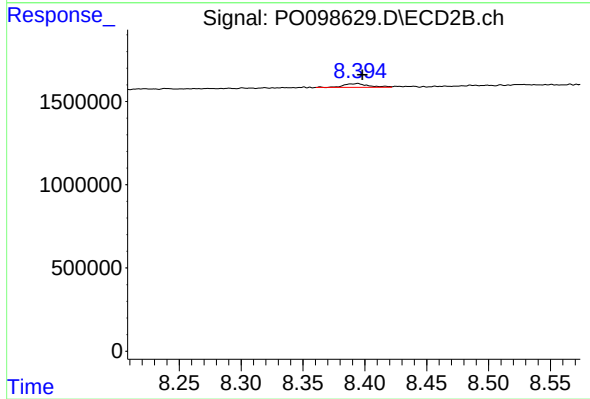
R.T.: 8.103 min
Delta R.T.: -0.005 min
Response: 694828
Conc: 25.67 ng/ml



#45 AR-1268-5

R.T.: 9.947 min
Delta R.T.: -0.009 min
Response: 788852
Conc: 1.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.394 min
Delta R.T.: -0.004 min
Response: 322638
Conc: 1.63 ng/ml