

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0080522\
 Data File : P0088646.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2022 05:16
 Operator : YP/AJ
 Sample : N4023-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 07:44:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0080422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 05 23:24:09 2022
 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...	4.436	3.594	61114657	22560998	22.657	20.845
2)	SA Decachlor...	10.270	8.586	42855840	23655656	22.209	19.519
Target Compounds							
3)	L1 AR-1016-1	5.619	0.000	246082	0	3.053	N.D. #
4)	L1 AR-1016-2	5.637	0.000	587254	0	5.091	N.D. #
5)	L1 AR-1016-3	5.699	4.868	187704	353418	2.597	12.080 #
6)	L1 AR-1016-4	5.834	4.908	1534791	667306	26.769	27.663
7)	L1 AR-1016-5	6.090	5.110	239936	195848	4.183	6.005 #
8)	L2 AR-1221-1	4.647	3.877f	5634893	2272328	181.789	189.884
9)	L2 AR-1221-2	4.745	3.877	790139	2272328	34.176	251.584 #
10)	L2 AR-1221-3	4.824	4.011f	233401	1913323	3.326	67.328 #
11)	L3 AR-1232-1	4.824	4.011f	233401	1913323	4.202	84.501 #
12)	L3 AR-1232-2	5.157	0.000	7004849	0	252.648	N.D. #
13)	L3 AR-1232-3	5.637	4.868	587254	353418	11.512	28.759 #
14)	L3 AR-1232-4	5.834	4.976	1534791	741446	61.365	62.907
15)	L3 AR-1232-5	5.890	5.110	1653926	195848	80.363	14.557 #
16)	L4 AR-1242-1	5.619	0.000	246082	0	3.661	N.D. #
17)	L4 AR-1242-2	5.637	0.000	587254	0	6.085	N.D. #
18)	L4 AR-1242-3	5.699	4.868	187704	353418	3.110	14.721 #
19)	L4 AR-1242-4	5.834	4.976	1534791	741446	31.840	29.407
20)	L4 AR-1242-5	6.542	5.473	2982059	1075633	57.460	33.783 #
21)	L5 AR-1248-1	5.619	0.000	246082	0	4.770	N.D. #
22)	L5 AR-1248-2	5.890	4.908	1653926	667306	21.544	18.594
23)	L5 AR-1248-3	6.090	4.976	239936	741446	2.905	19.473 #
24)	L5 AR-1248-4	6.506	5.110	2119363	195848	23.599	4.265 #
25)	L5 AR-1248-5	6.542	5.517	2982059	400846	33.642	9.181 #
26)	L6 AR-1254-1	6.471	5.473	3857215	1075633	42.226	15.617 #
27)	L6 AR-1254-2	6.692	5.620	8361458	1836741	61.143	31.015 #
28)	L6 AR-1254-3	7.063	6.023	10575191	6186698	75.147	66.532
29)	L6 AR-1254-4	7.347	6.250	5408286	1870111	53.524	33.011 #
30)	L6 AR-1254-5	7.769	6.668	7676966	11287331	72.091	138.279 #
31)	L7 AR-1260-1	7.224	6.152	9091909	4601436	87.975	72.402
32)	L7 AR-1260-2	7.478	6.342	14403602	4782203	121.859	62.409 #
33)	L7 AR-1260-3	7.843	6.494	4764765	2992163	54.243	41.650
34)	L7 AR-1260-4	8.067	6.964	6092808	2873049	62.209	47.083
35)	L7 AR-1260-5	8.397	7.207	8198005	5264831	44.507	37.328
36)	L8 AR-1262-1	7.843	6.762	4764765	2475906	37.602	70.710 #
37)	L8 AR-1262-2	8.397	7.207	8198005	5264831	39.046	34.370
38)	L8 AR-1262-3	8.728	7.491	4982121	2628063	55.261	42.610
39)	L8 AR-1262-4	8.811	7.554	3492010	4445835	52.974	39.039 #
40)	L8 AR-1262-5	9.488	8.049	2391815	1357736	29.830	25.289
41)	L9 AR-1268-1	8.728	7.491	4982121	2628063	20.088	14.842 #

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 Acq On : 06 Aug 2022 05:16
 Operator : YP/AJ
 Sample : N4023-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

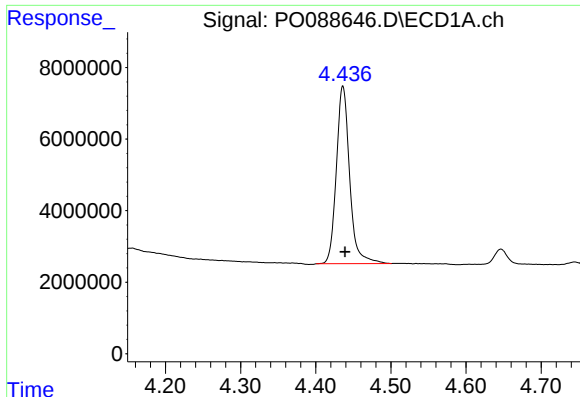
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 07:44:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080422.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	8.811	7.554	3492010	4445835	15.350	27.692 #
43) L9	AR-1268-3	9.052	7.755	1030822	2043364	5.260	14.812 #
44) L9	AR-1268-4	9.488	8.049	2391815	1357736	27.468	23.458
45) L9	AR-1268-5	9.920	8.337	2924500	1570807	4.674	3.851

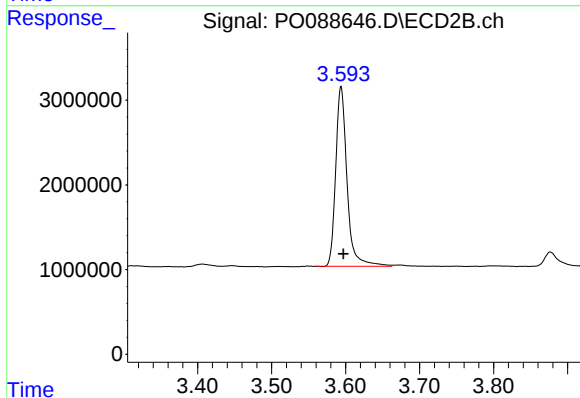
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

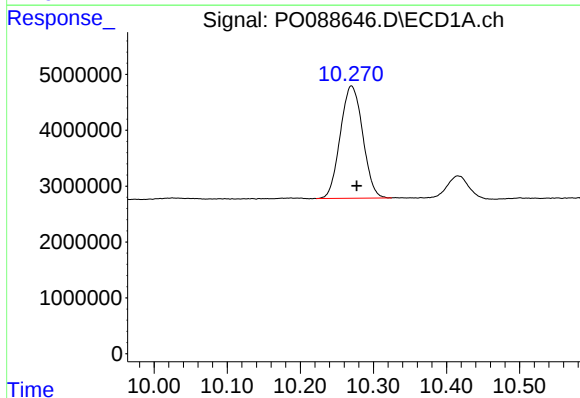
R.T.: 4.436 min
Delta R.T.: -0.003 min
Response: 61114657
Conc: 22.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



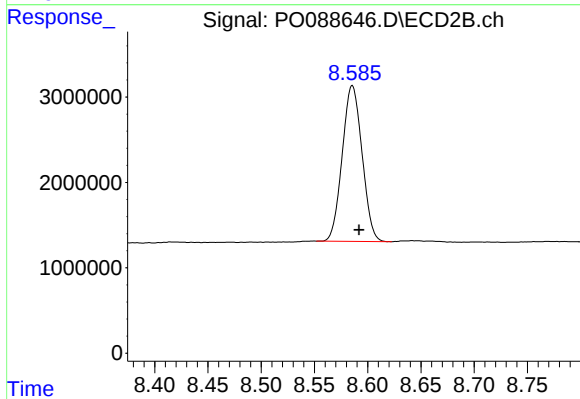
#1 Tetrachloro-m-xylene

R.T.: 3.594 min
Delta R.T.: -0.003 min
Response: 22560998
Conc: 20.85 ng/ml



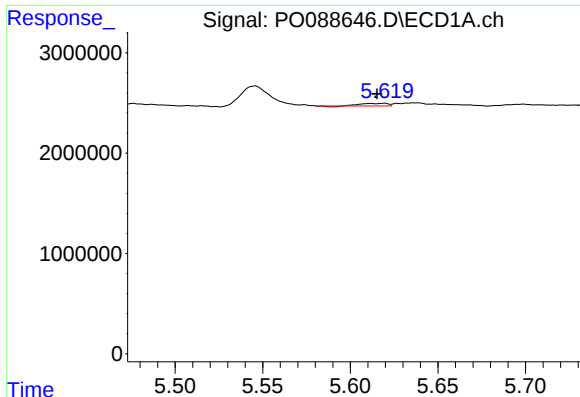
#2 Decachlorobiphenyl

R.T.: 10.270 min
Delta R.T.: -0.007 min
Response: 42855840
Conc: 22.21 ng/ml



#2 Decachlorobiphenyl

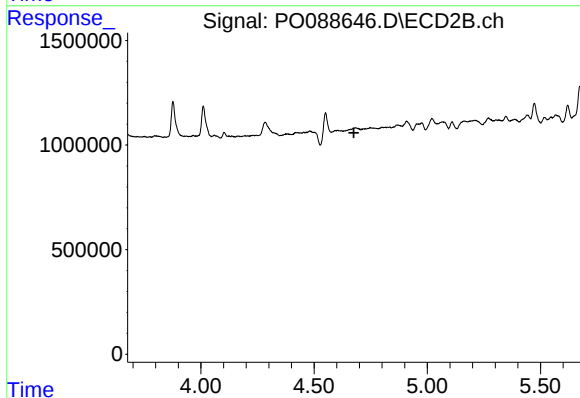
R.T.: 8.586 min
Delta R.T.: -0.006 min
Response: 23655656
Conc: 19.52 ng/ml



#3 AR-1016-1

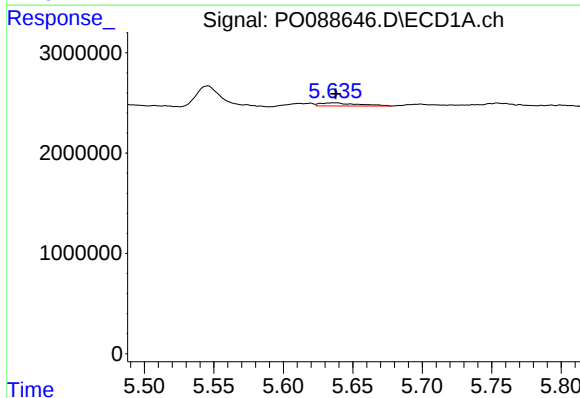
R.T.: 5.619 min
Delta R.T.: 0.004 min
Response: 246082
Conc: 3.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



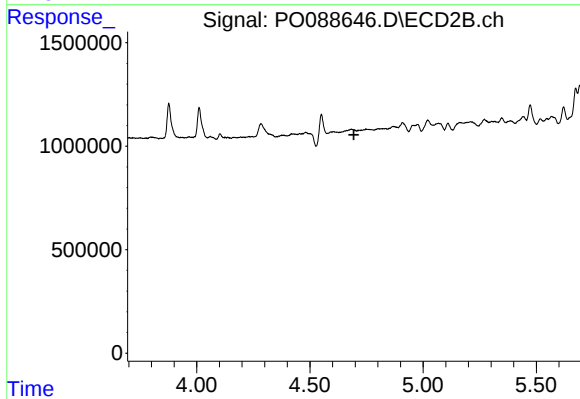
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.676 min
Response: 0
Conc: N.D.



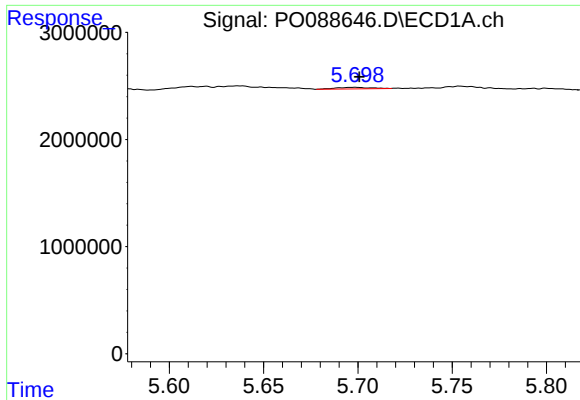
#4 AR-1016-2

R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 587254
Conc: 5.09 ng/ml



#4 AR-1016-2

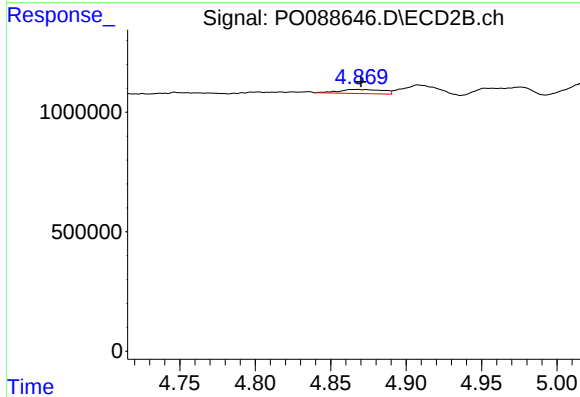
R.T.: 0.000 min
Exp R.T. : 4.694 min
Response: 0
Conc: N.D.



#5 AR-1016-3

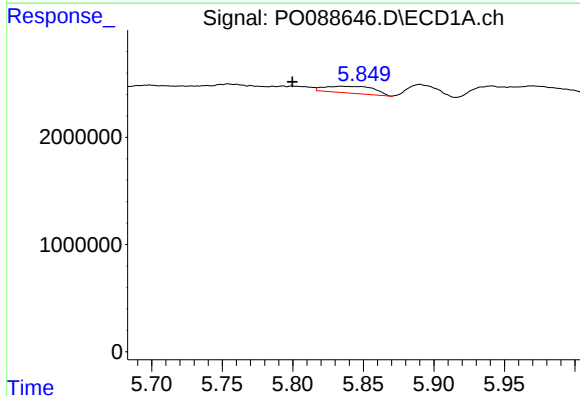
R.T.: 5.699 min
Delta R.T.: -0.002 min
Response: 187704
Conc: 2.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



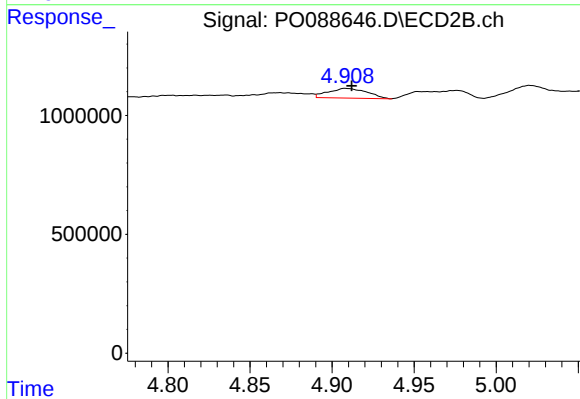
#5 AR-1016-3

R.T.: 4.868 min
Delta R.T.: -0.002 min
Response: 353418
Conc: 12.08 ng/ml



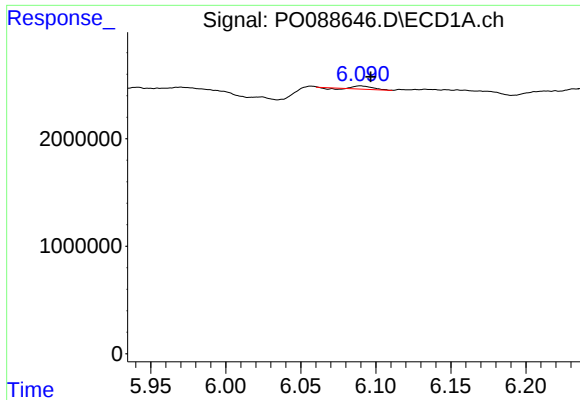
#6 AR-1016-4

R.T.: 5.834 min
Delta R.T.: 0.035 min
Response: 1534791
Conc: 26.77 ng/ml



#6 AR-1016-4

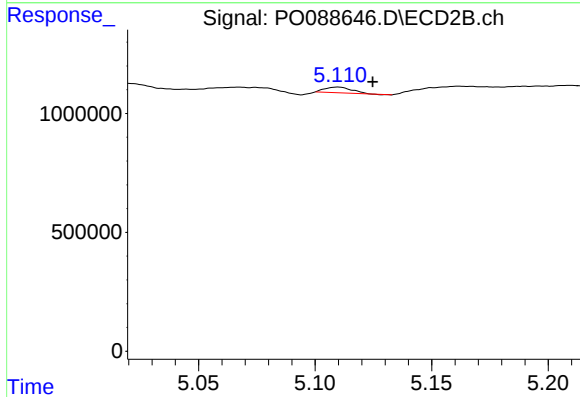
R.T.: 4.908 min
Delta R.T.: -0.004 min
Response: 667306
Conc: 27.66 ng/ml



#7 AR-1016-5

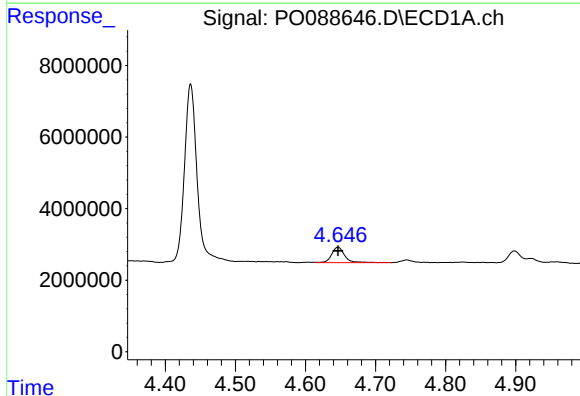
R.T.: 6.090 min
Delta R.T.: -0.007 min
Response: 239936
Conc: 4.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



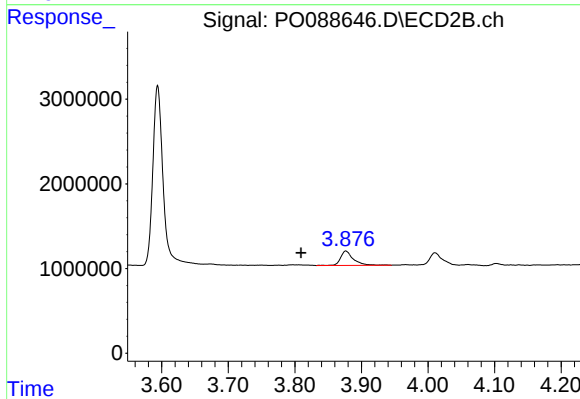
#7 AR-1016-5

R.T.: 5.110 min
Delta R.T.: -0.015 min
Response: 195848
Conc: 6.00 ng/ml



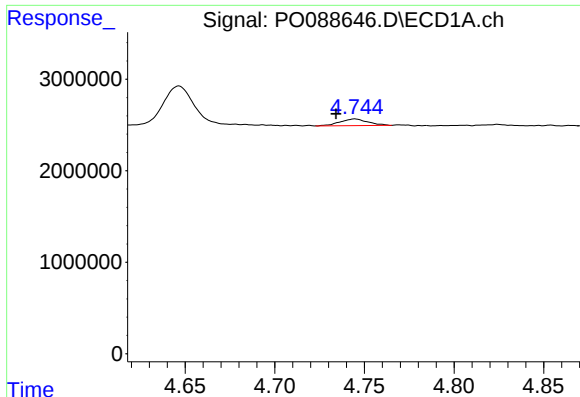
#8 AR-1221-1

R.T.: 4.647 min
Delta R.T.: 0.000 min
Response: 5634893
Conc: 181.79 ng/ml



#8 AR-1221-1

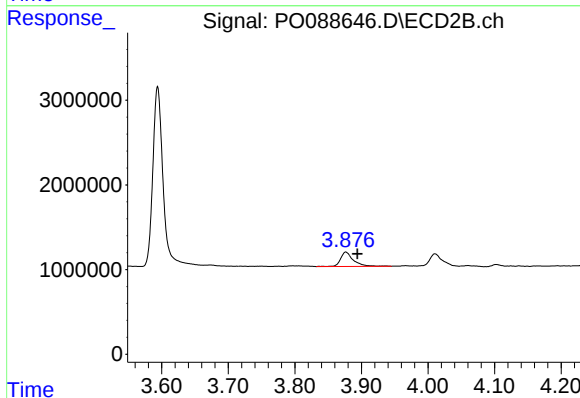
R.T.: 3.877 min
Delta R.T.: 0.067 min
Response: 2272328
Conc: 189.88 ng/ml



#9 AR-1221-2

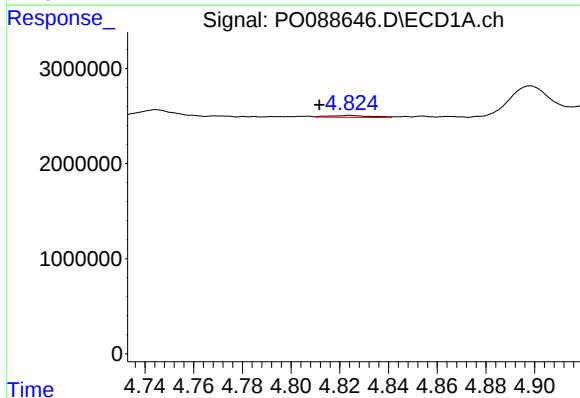
R.T.: 4.745 min
Delta R.T.: 0.011 min
Response: 790139
Conc: 34.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



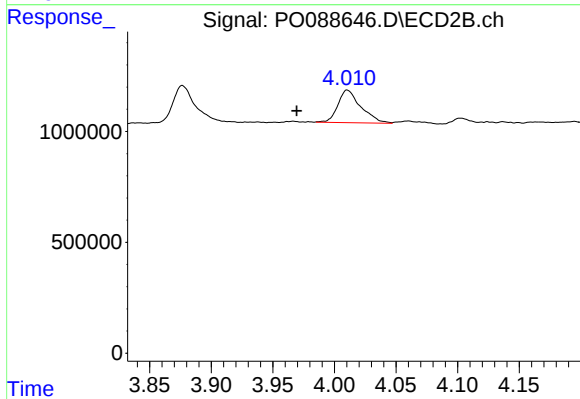
#9 AR-1221-2

R.T.: 3.877 min
Delta R.T.: -0.017 min
Response: 2272328
Conc: 251.58 ng/ml



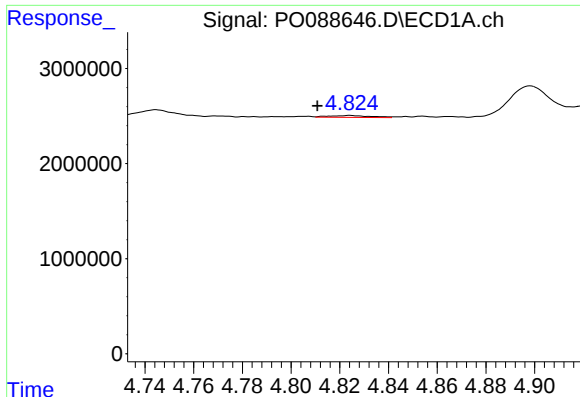
#10 AR-1221-3

R.T.: 4.824 min
Delta R.T.: 0.013 min
Response: 233401
Conc: 3.33 ng/ml



#10 AR-1221-3

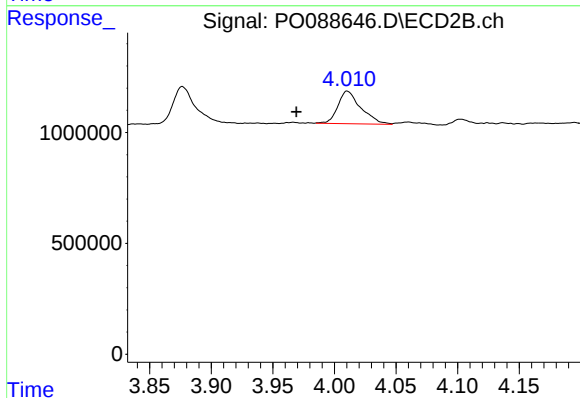
R.T.: 4.011 min
Delta R.T.: 0.041 min
Response: 1913323
Conc: 67.33 ng/ml



#11 AR-1232-1

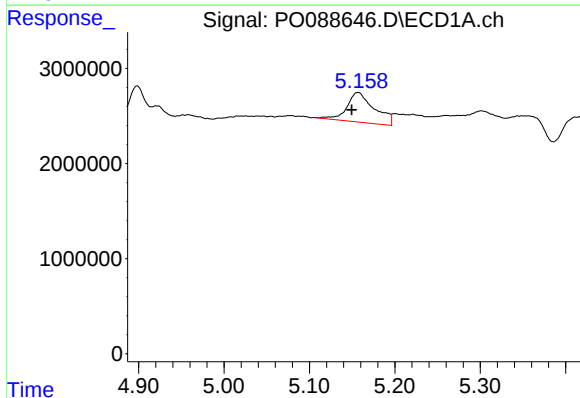
R.T.: 4.824 min
Delta R.T.: 0.013 min
Response: 233401
Conc: 4.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



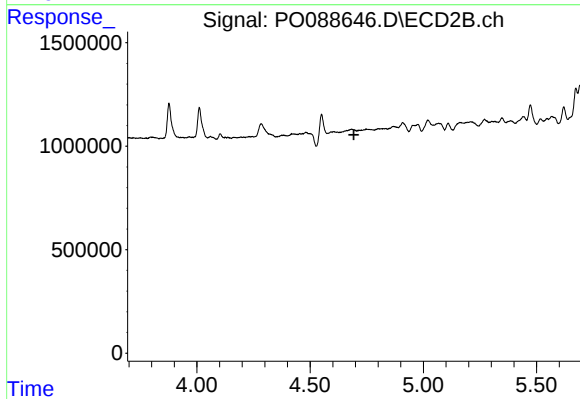
#11 AR-1232-1

R.T.: 4.011 min
Delta R.T.: 0.041 min
Response: 1913323
Conc: 84.50 ng/ml



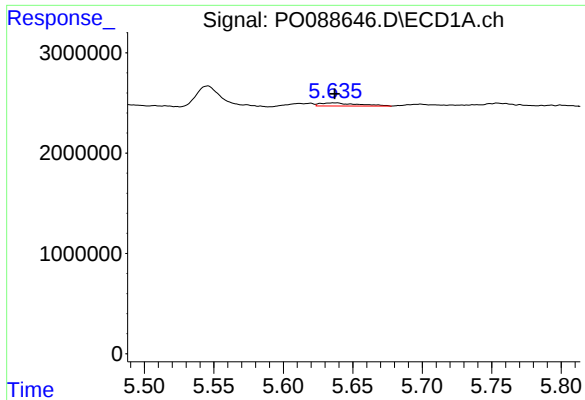
#12 AR-1232-2

R.T.: 5.157 min
Delta R.T.: 0.007 min
Response: 7004849
Conc: 252.65 ng/ml



#12 AR-1232-2

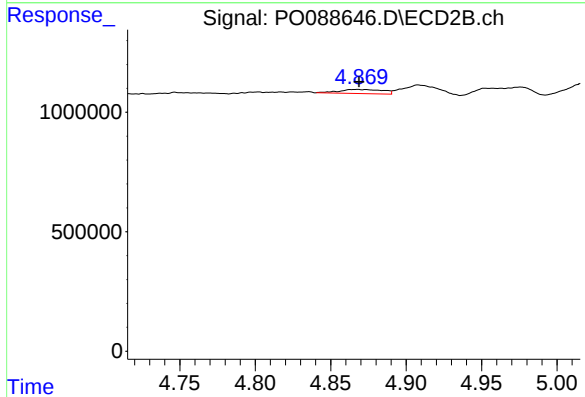
R.T.: 0.000 min
Exp R.T. : 4.693 min
Response: 0
Conc: N.D.



#13 AR-1232-3

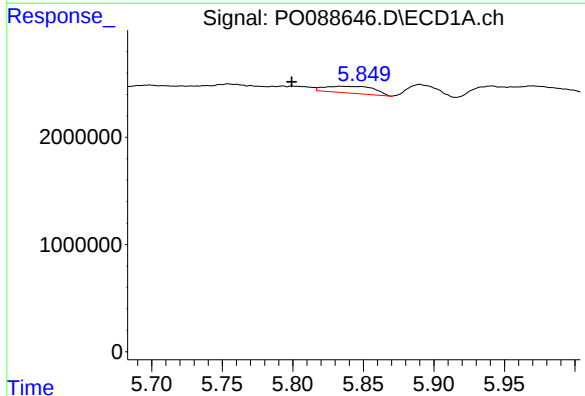
R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 587254
Conc: 11.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



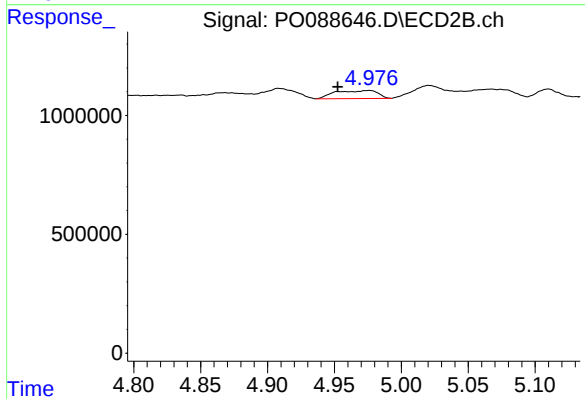
#13 AR-1232-3

R.T.: 4.868 min
Delta R.T.: -0.001 min
Response: 353418
Conc: 28.76 ng/ml



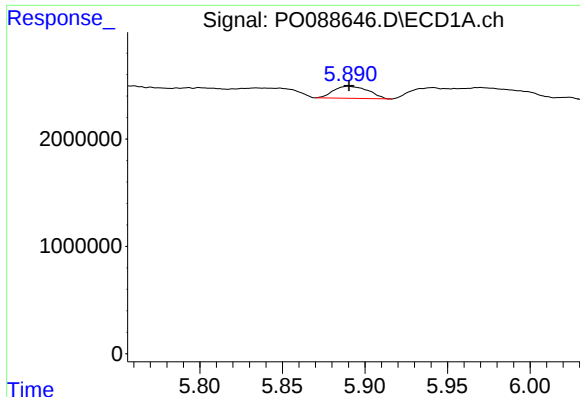
#14 AR-1232-4

R.T.: 5.834 min
Delta R.T.: 0.035 min
Response: 1534791
Conc: 61.36 ng/ml



#14 AR-1232-4

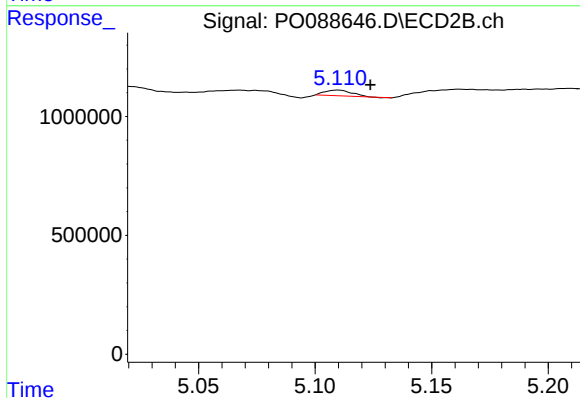
R.T.: 4.976 min
Delta R.T.: 0.023 min
Response: 741446
Conc: 62.91 ng/ml



#15 AR-1232-5

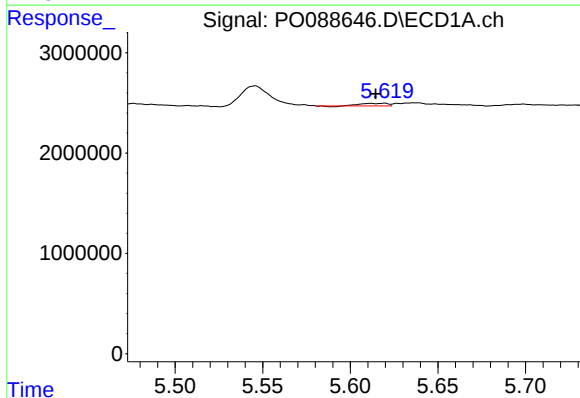
R.T.: 5.890 min
Delta R.T.: 0.000 min
Response: 1653926
Conc: 80.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



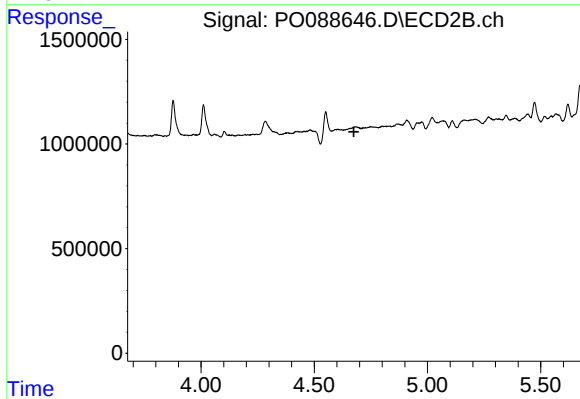
#15 AR-1232-5

R.T.: 5.110 min
Delta R.T.: -0.014 min
Response: 195848
Conc: 14.56 ng/ml



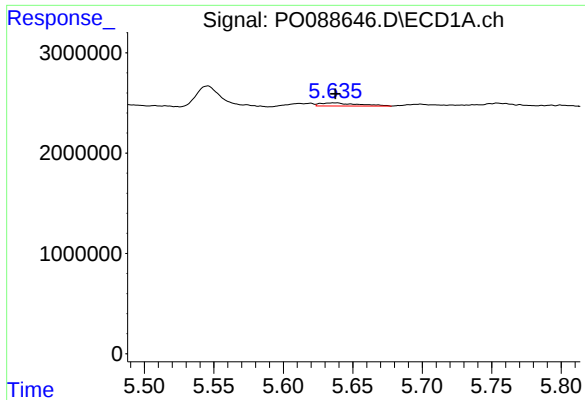
#16 AR-1242-1

R.T.: 5.619 min
Delta R.T.: 0.005 min
Response: 246082
Conc: 3.66 ng/ml



#16 AR-1242-1

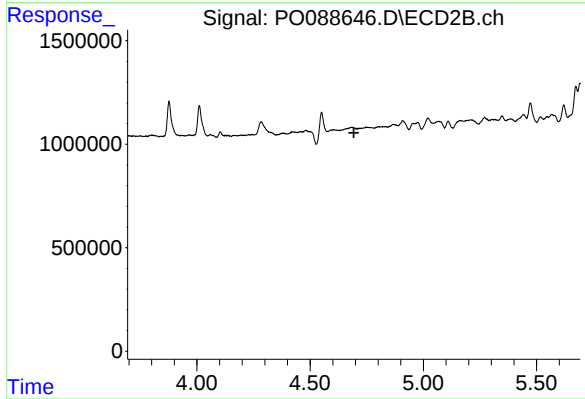
R.T.: 0.000 min
Exp R.T. : 4.675 min
Response: 0
Conc: N.D.



#17 AR-1242-2

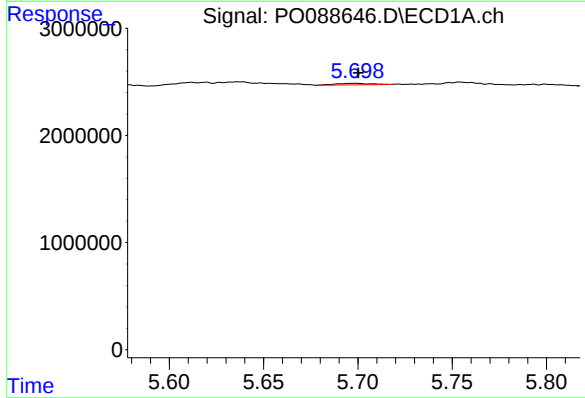
R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 587254
Conc: 6.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



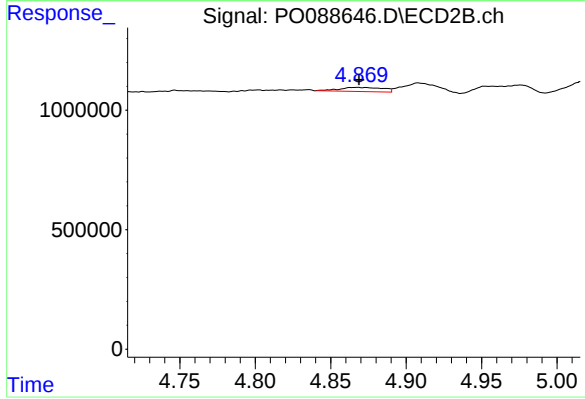
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.693 min
Response: 0
Conc: N.D.



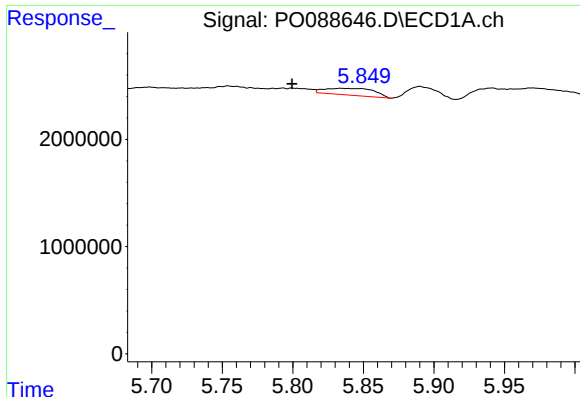
#18 AR-1242-3

R.T.: 5.699 min
Delta R.T.: -0.002 min
Response: 187704
Conc: 3.11 ng/ml



#18 AR-1242-3

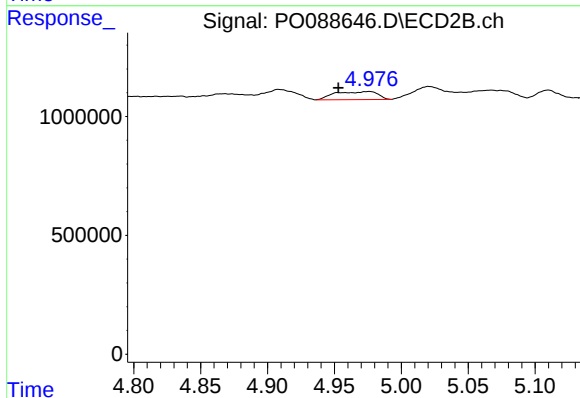
R.T.: 4.868 min
Delta R.T.: -0.001 min
Response: 353418
Conc: 14.72 ng/ml



#19 AR-1242-4

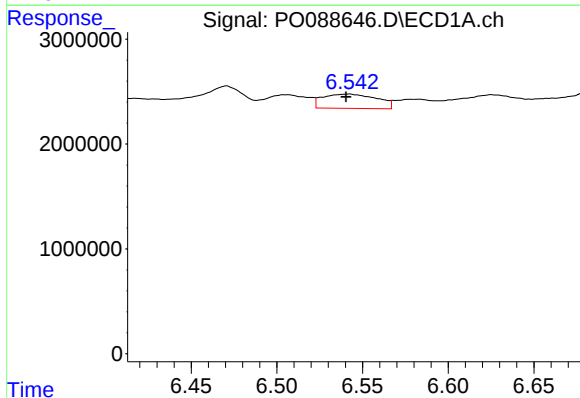
R.T.: 5.834 min
Delta R.T.: 0.035 min
Response: 1534791
Conc: 31.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



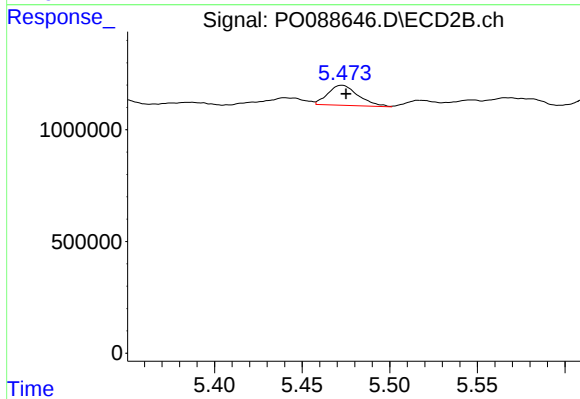
#19 AR-1242-4

R.T.: 4.976 min
Delta R.T.: 0.023 min
Response: 741446
Conc: 29.41 ng/ml



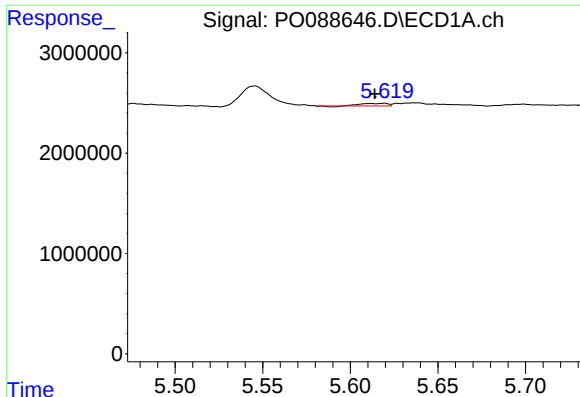
#20 AR-1242-5

R.T.: 6.542 min
Delta R.T.: 0.002 min
Response: 2982059
Conc: 57.46 ng/ml



#20 AR-1242-5

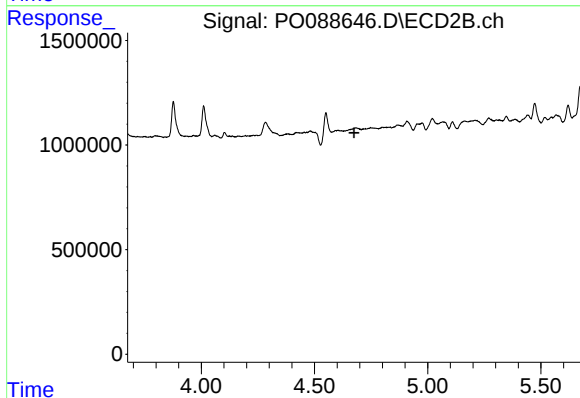
R.T.: 5.473 min
Delta R.T.: -0.002 min
Response: 1075633
Conc: 33.78 ng/ml



#21 AR-1248-1

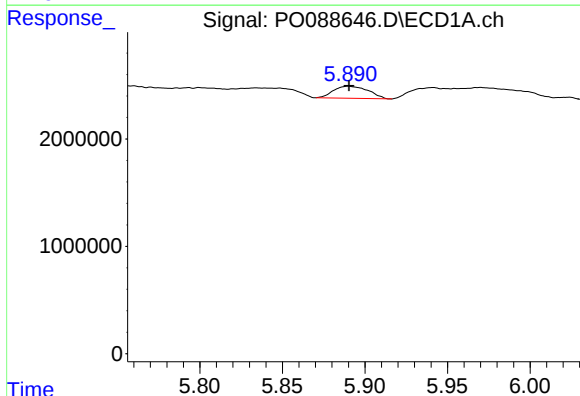
R.T.: 5.619 min
Delta R.T.: 0.005 min
Response: 246082
Conc: 4.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



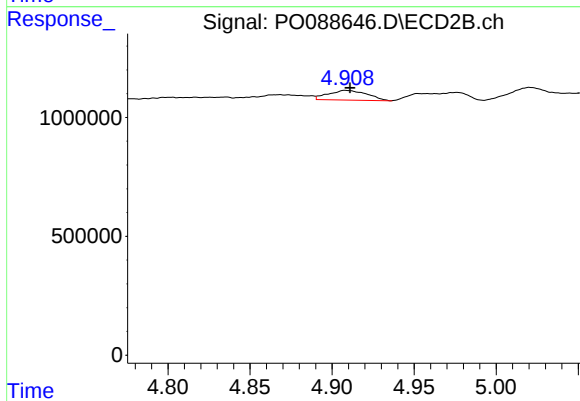
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.674 min
Response: 0
Conc: N.D.



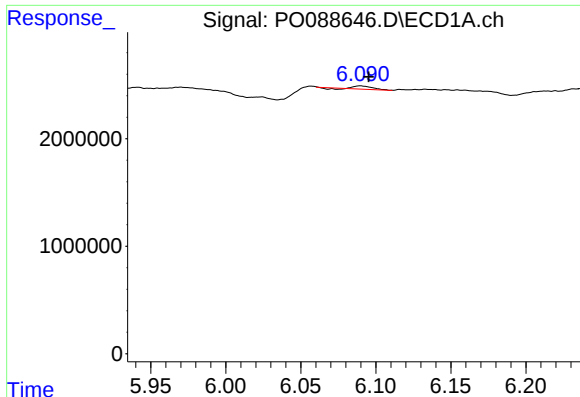
#22 AR-1248-2

R.T.: 5.890 min
Delta R.T.: 0.000 min
Response: 1653926
Conc: 21.54 ng/ml



#22 AR-1248-2

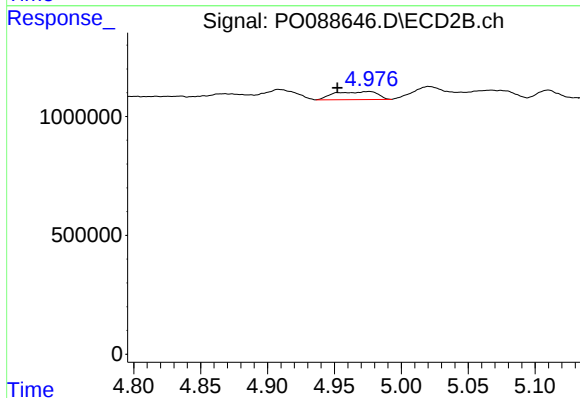
R.T.: 4.908 min
Delta R.T.: -0.003 min
Response: 667306
Conc: 18.59 ng/ml



#23 AR-1248-3

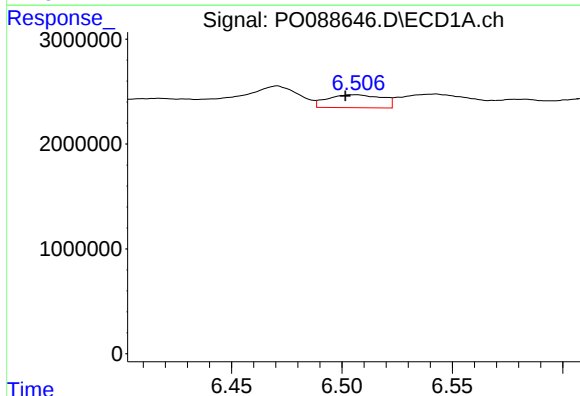
R.T.: 6.090 min
Delta R.T.: -0.005 min
Response: 239936
Conc: 2.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



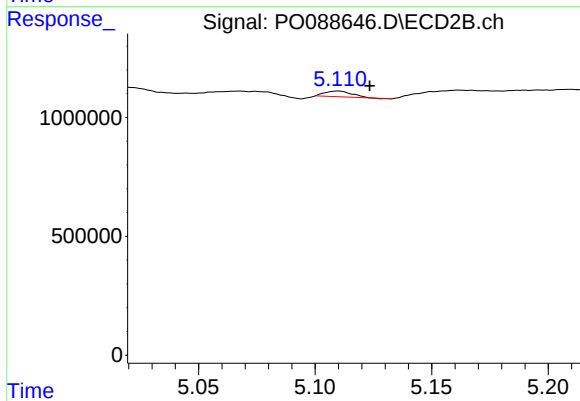
#23 AR-1248-3

R.T.: 4.976 min
Delta R.T.: 0.023 min
Response: 741446
Conc: 19.47 ng/ml



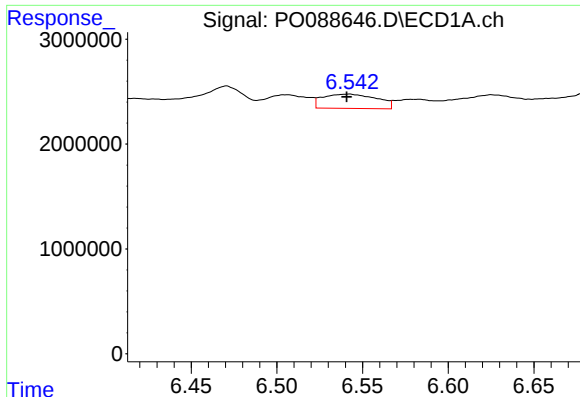
#24 AR-1248-4

R.T.: 6.506 min
Delta R.T.: 0.004 min
Response: 2119363
Conc: 23.60 ng/ml



#24 AR-1248-4

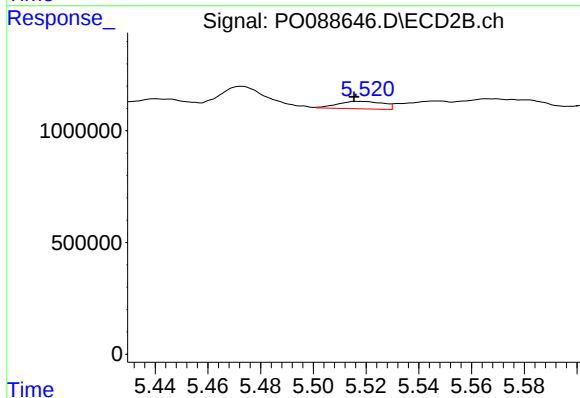
R.T.: 5.110 min
Delta R.T.: -0.014 min
Response: 195848
Conc: 4.26 ng/ml



#25 AR-1248-5

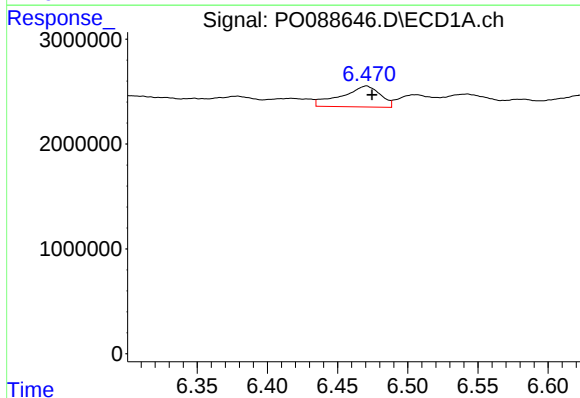
R.T.: 6.542 min
Delta R.T.: 0.001 min
Response: 2982059
Conc: 33.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



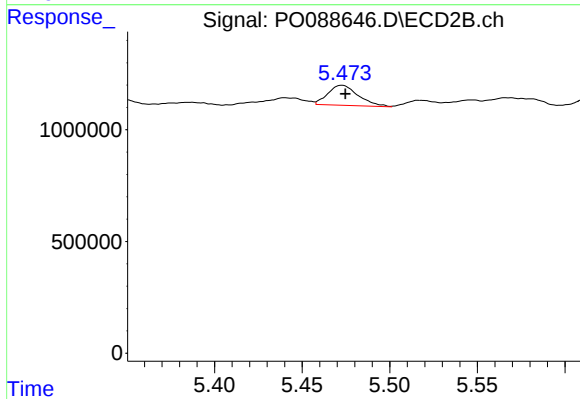
#25 AR-1248-5

R.T.: 5.517 min
Delta R.T.: 0.002 min
Response: 400846
Conc: 9.18 ng/ml



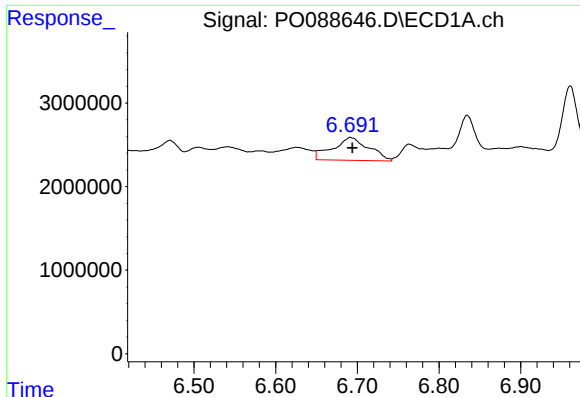
#26 AR-1254-1

R.T.: 6.471 min
Delta R.T.: -0.004 min
Response: 3857215
Conc: 42.23 ng/ml



#26 AR-1254-1

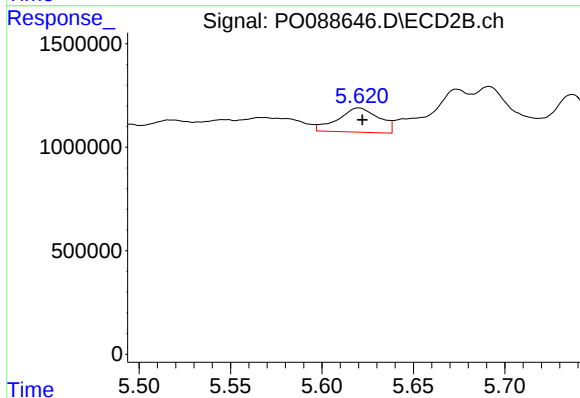
R.T.: 5.473 min
Delta R.T.: -0.002 min
Response: 1075633
Conc: 15.62 ng/ml



#27 AR-1254-2

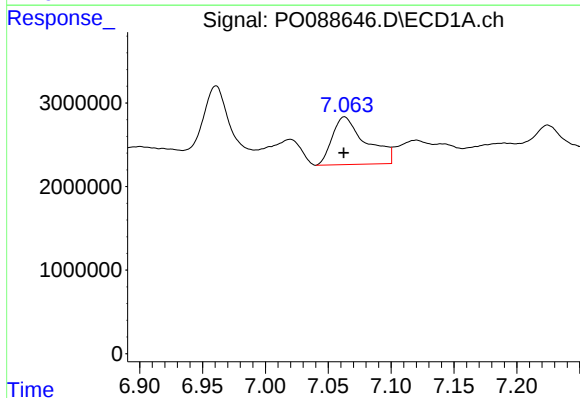
R.T.: 6.692 min
Delta R.T.: -0.002 min
Response: 8361458
Conc: 61.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



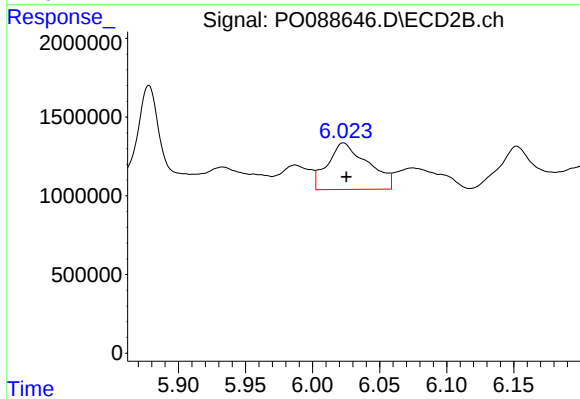
#27 AR-1254-2

R.T.: 5.620 min
Delta R.T.: -0.002 min
Response: 1836741
Conc: 31.02 ng/ml



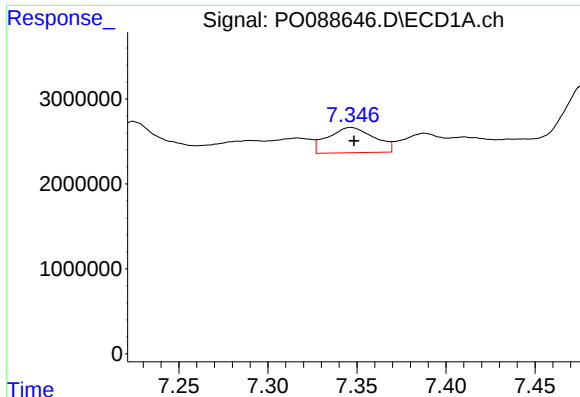
#28 AR-1254-3

R.T.: 7.063 min
Delta R.T.: 0.000 min
Response: 10575191
Conc: 75.15 ng/ml



#28 AR-1254-3

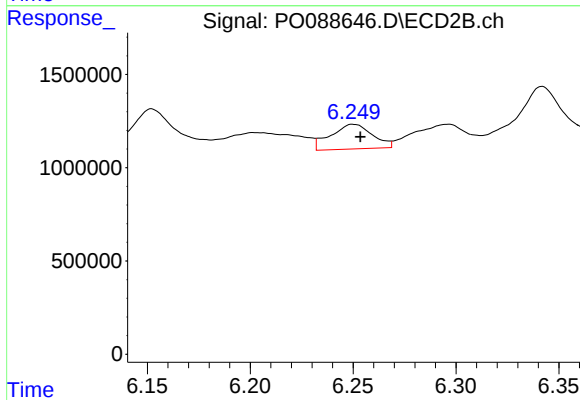
R.T.: 6.023 min
Delta R.T.: -0.002 min
Response: 6186698
Conc: 66.53 ng/ml



#29 AR-1254-4

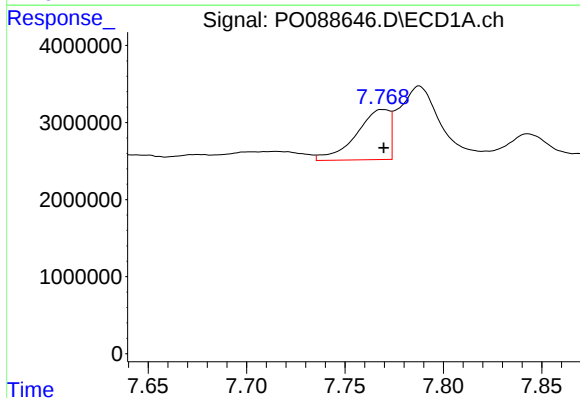
R.T.: 7.347 min
Delta R.T.: -0.002 min
Response: 5408286
Conc: 53.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



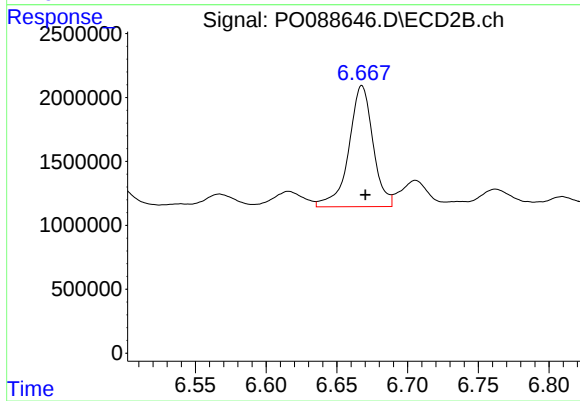
#29 AR-1254-4

R.T.: 6.250 min
Delta R.T.: -0.003 min
Response: 1870111
Conc: 33.01 ng/ml



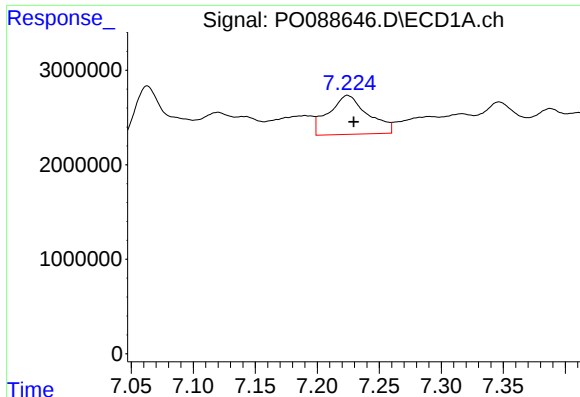
#30 AR-1254-5

R.T.: 7.769 min
Delta R.T.: 0.000 min
Response: 7676966
Conc: 72.09 ng/ml



#30 AR-1254-5

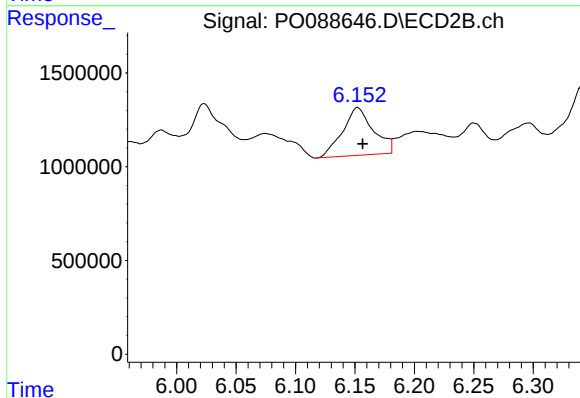
R.T.: 6.668 min
Delta R.T.: -0.003 min
Response: 11287331
Conc: 138.28 ng/ml



#31 AR-1260-1

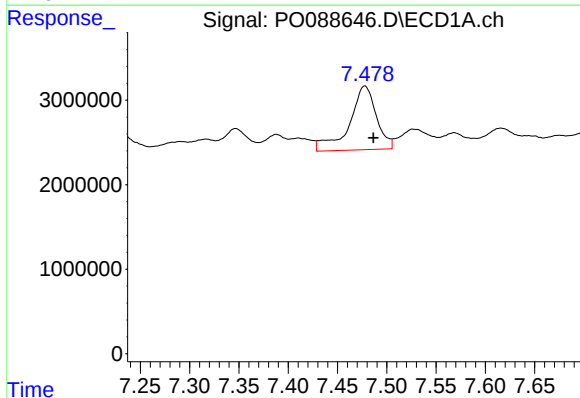
R.T.: 7.224 min
Delta R.T.: -0.005 min
Response: 9091909
Conc: 87.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



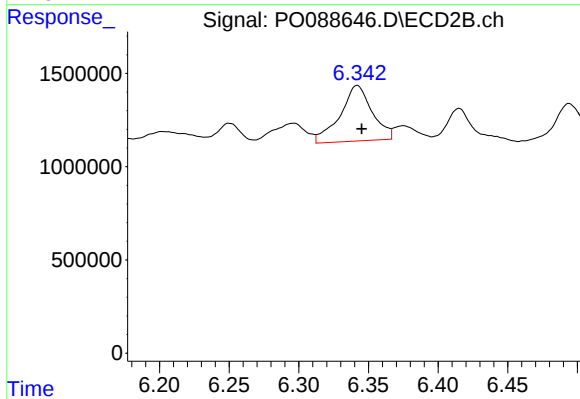
#31 AR-1260-1

R.T.: 6.152 min
Delta R.T.: -0.004 min
Response: 4601436
Conc: 72.40 ng/ml



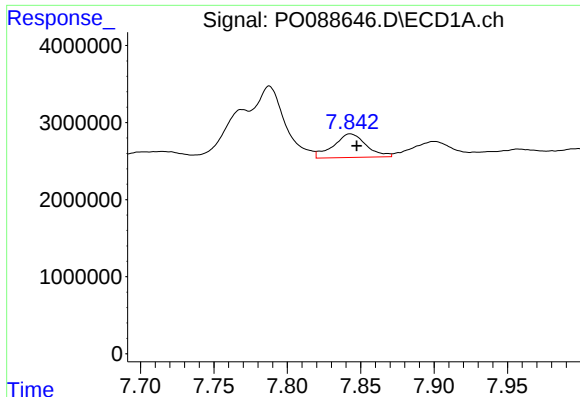
#32 AR-1260-2

R.T.: 7.478 min
Delta R.T.: -0.009 min
Response: 14403602
Conc: 121.86 ng/ml



#32 AR-1260-2

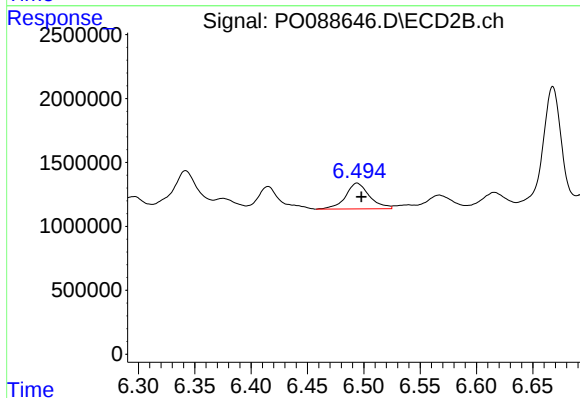
R.T.: 6.342 min
Delta R.T.: -0.003 min
Response: 4782203
Conc: 62.41 ng/ml



#33 AR-1260-3

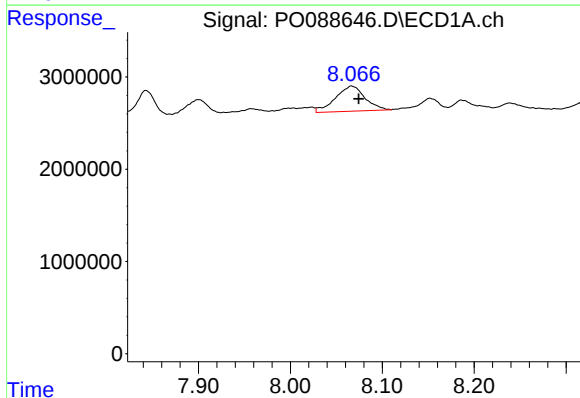
R.T.: 7.843 min
Delta R.T.: -0.004 min
Response: 4764765
Conc: 54.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



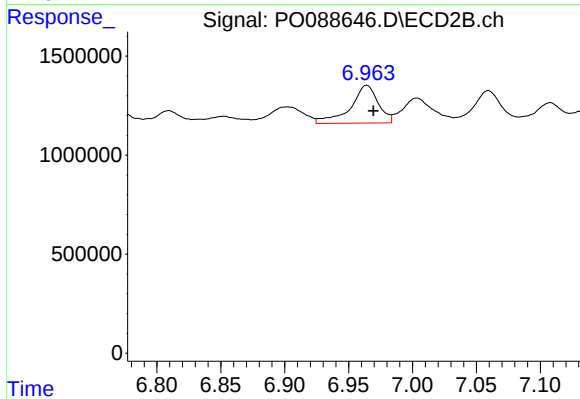
#33 AR-1260-3

R.T.: 6.494 min
Delta R.T.: -0.004 min
Response: 2992163
Conc: 41.65 ng/ml



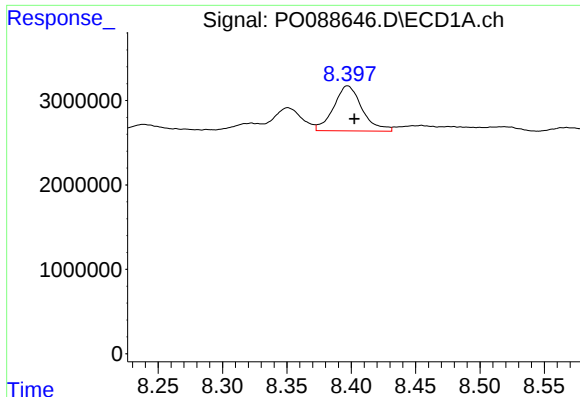
#34 AR-1260-4

R.T.: 8.067 min
Delta R.T.: -0.008 min
Response: 6092808
Conc: 62.21 ng/ml



#34 AR-1260-4

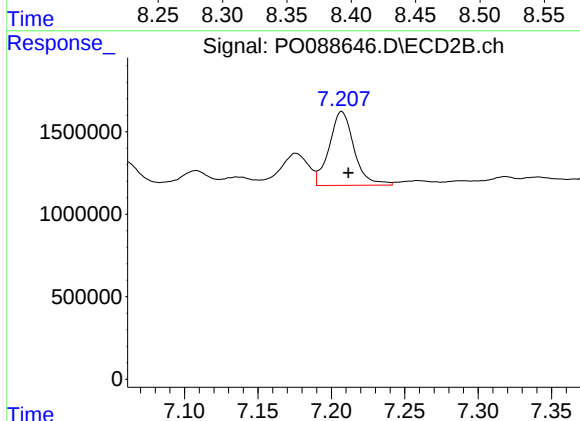
R.T.: 6.964 min
Delta R.T.: -0.005 min
Response: 2873049
Conc: 47.08 ng/ml



#35 AR-1260-5

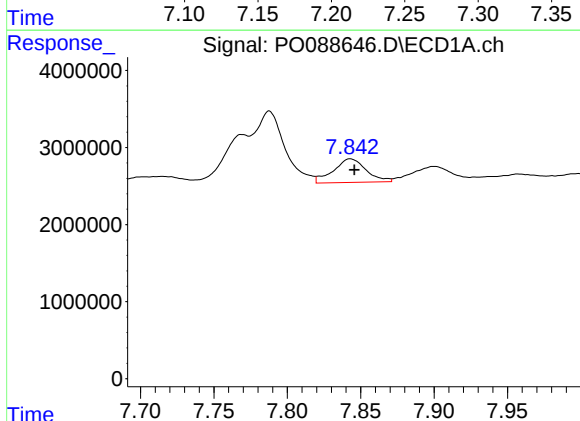
R.T.: 8.397 min
Delta R.T.: -0.005 min
Response: 8198005
Conc: 44.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



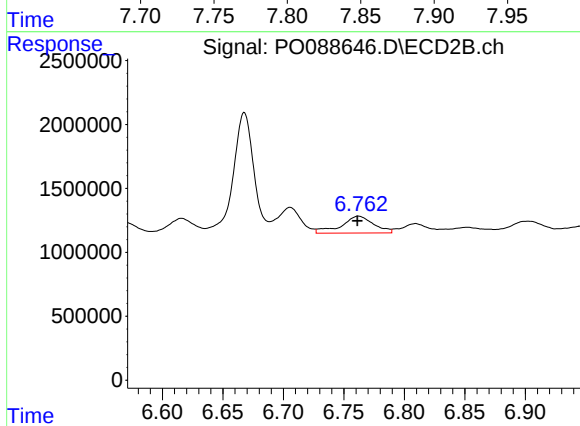
#35 AR-1260-5

R.T.: 7.207 min
Delta R.T.: -0.004 min
Response: 5264831
Conc: 37.33 ng/ml



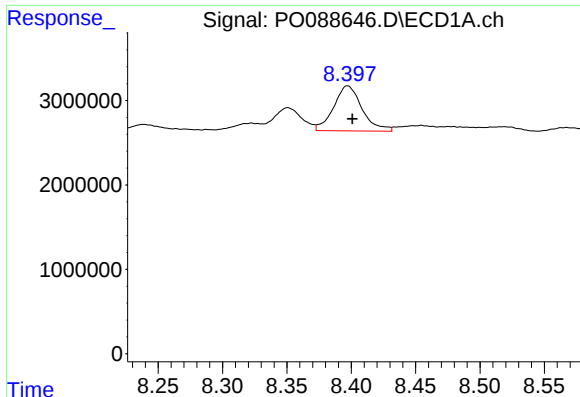
#36 AR-1262-1

R.T.: 7.843 min
Delta R.T.: -0.003 min
Response: 4764765
Conc: 37.60 ng/ml



#36 AR-1262-1

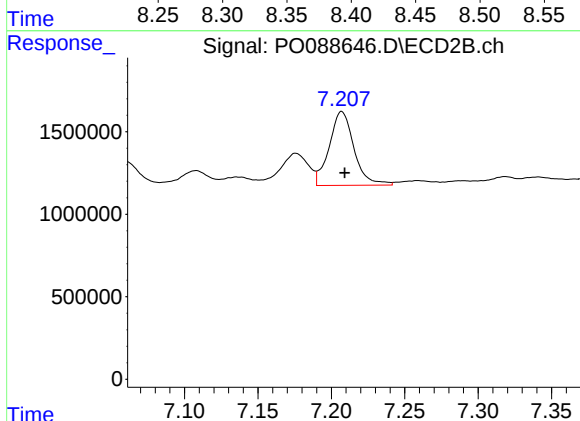
R.T.: 6.762 min
Delta R.T.: 0.000 min
Response: 2475906
Conc: 70.71 ng/ml



#37 AR-1262-2

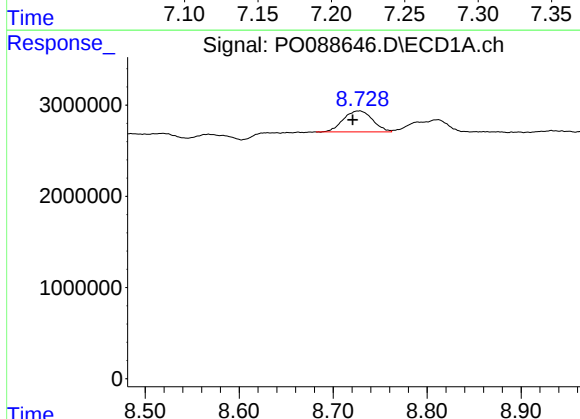
R.T.: 8.397 min
Delta R.T.: -0.004 min
Response: 8198005
Conc: 39.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



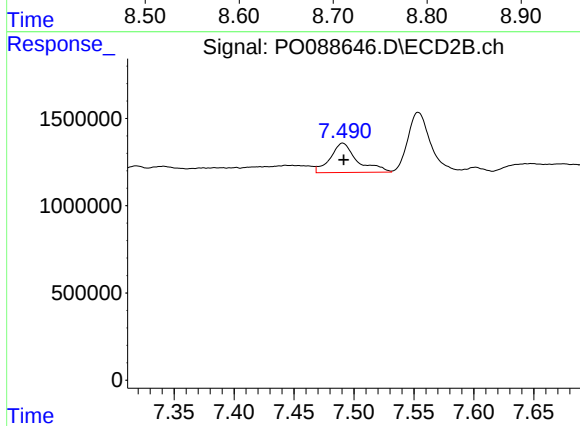
#37 AR-1262-2

R.T.: 7.207 min
Delta R.T.: -0.002 min
Response: 5264831
Conc: 34.37 ng/ml



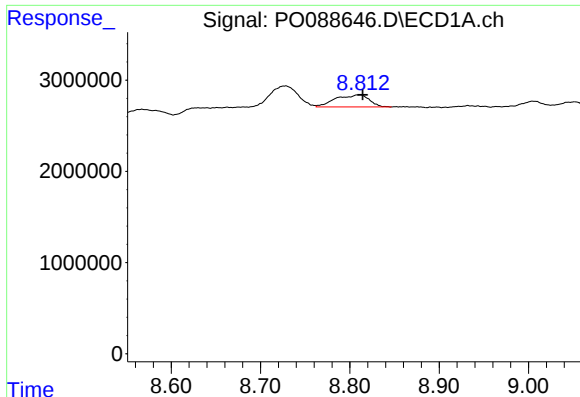
#38 AR-1262-3

R.T.: 8.728 min
Delta R.T.: 0.007 min
Response: 4982121
Conc: 55.26 ng/ml



#38 AR-1262-3

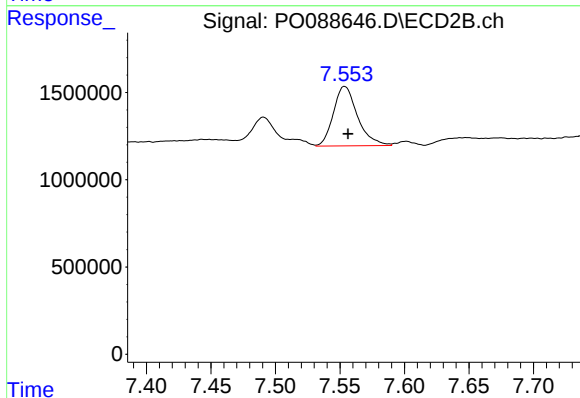
R.T.: 7.491 min
Delta R.T.: 0.000 min
Response: 2628063
Conc: 42.61 ng/ml



#39 AR-1262-4

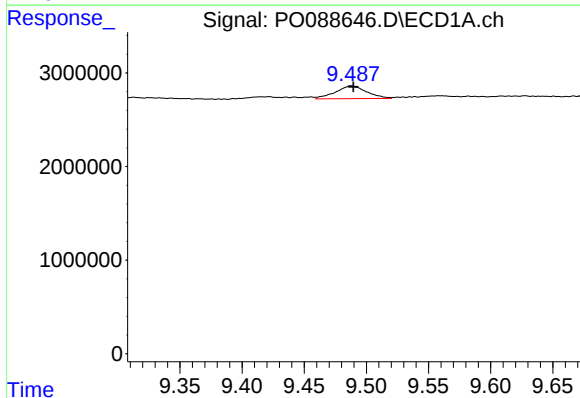
R.T.: 8.811 min
Delta R.T.: -0.003 min
Response: 3492010
Conc: 52.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



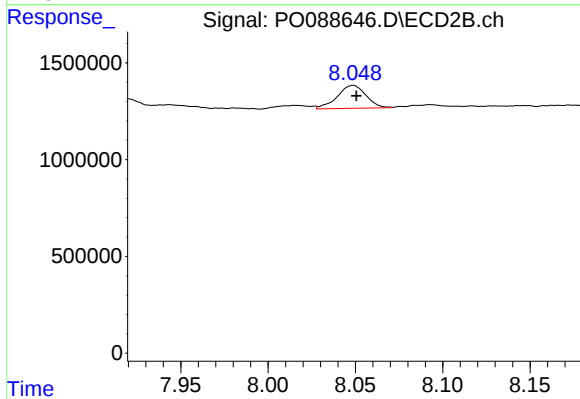
#39 AR-1262-4

R.T.: 7.554 min
Delta R.T.: -0.003 min
Response: 4445835
Conc: 39.04 ng/ml



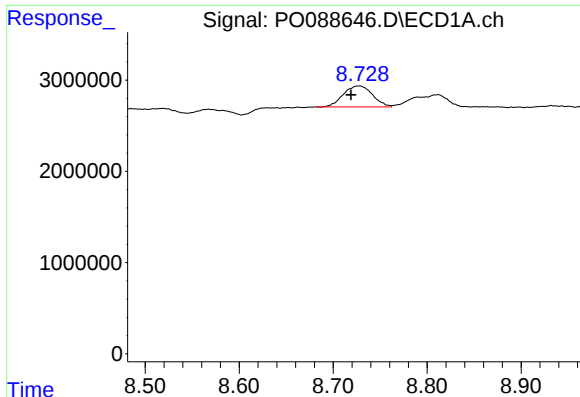
#40 AR-1262-5

R.T.: 9.488 min
Delta R.T.: -0.002 min
Response: 2391815
Conc: 29.83 ng/ml



#40 AR-1262-5

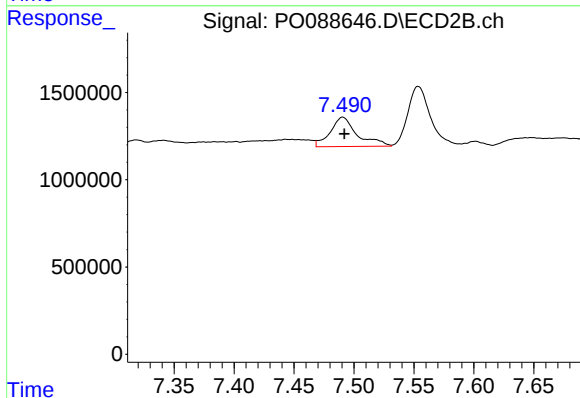
R.T.: 8.049 min
Delta R.T.: -0.002 min
Response: 1357736
Conc: 25.29 ng/ml



#41 AR-1268-1

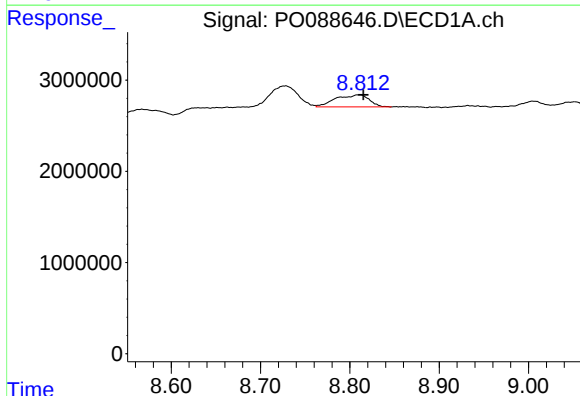
R.T.: 8.728 min
Delta R.T.: 0.009 min
Response: 4982121
Conc: 20.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



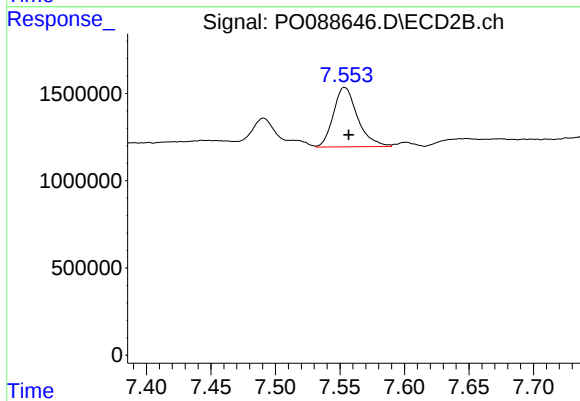
#41 AR-1268-1

R.T.: 7.491 min
Delta R.T.: -0.001 min
Response: 2628063
Conc: 14.84 ng/ml



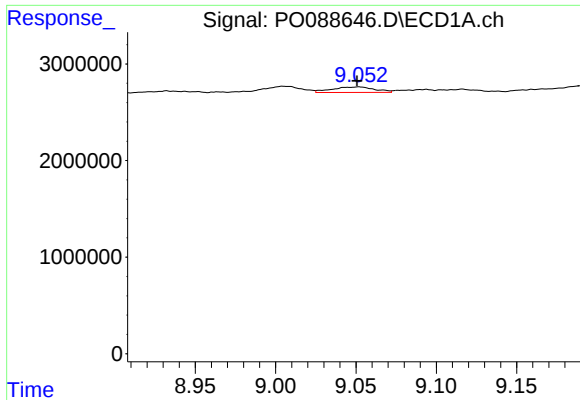
#42 AR-1268-2

R.T.: 8.811 min
Delta R.T.: -0.004 min
Response: 3492010
Conc: 15.35 ng/ml



#42 AR-1268-2

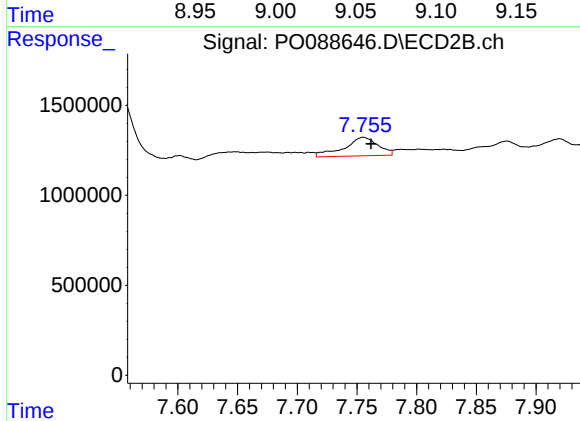
R.T.: 7.554 min
Delta R.T.: -0.003 min
Response: 4445835
Conc: 27.69 ng/ml



#43 AR-1268-3

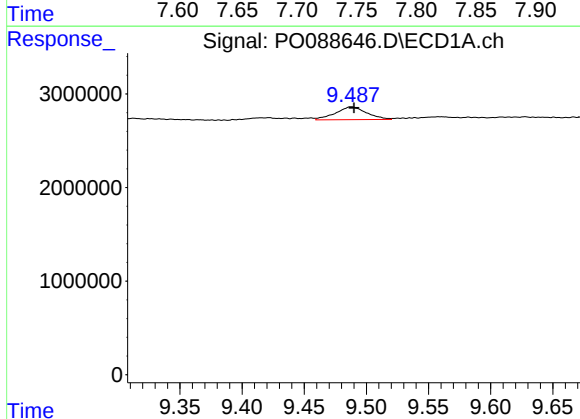
R.T.: 9.052 min
Delta R.T.: 0.001 min
Response: 1030822
Conc: 5.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



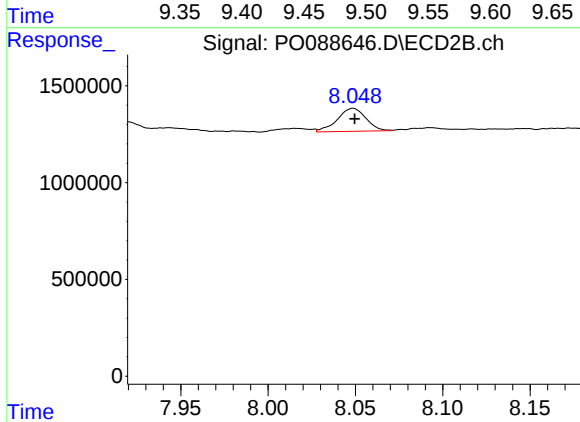
#43 AR-1268-3

R.T.: 7.755 min
Delta R.T.: -0.006 min
Response: 2043364
Conc: 14.81 ng/ml



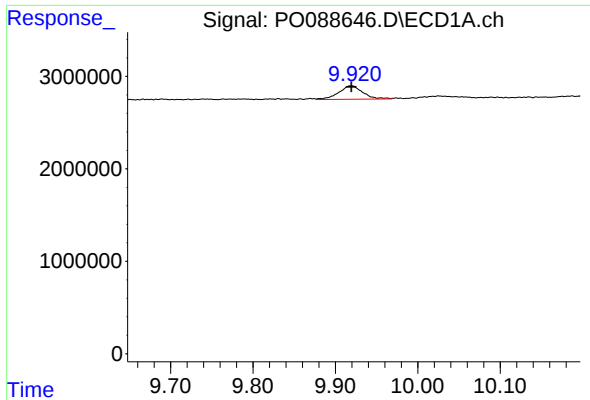
#44 AR-1268-4

R.T.: 9.488 min
Delta R.T.: -0.002 min
Response: 2391815
Conc: 27.47 ng/ml



#44 AR-1268-4

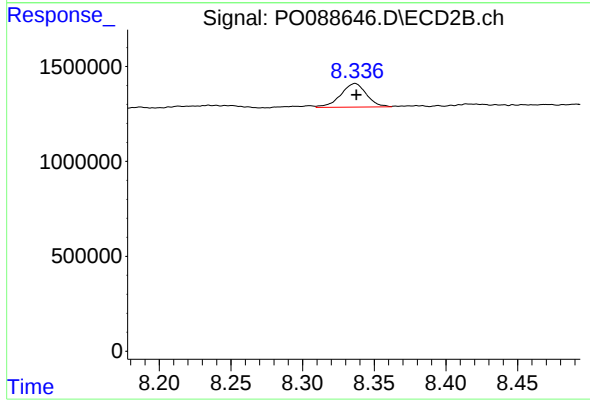
R.T.: 8.049 min
Delta R.T.: 0.000 min
Response: 1357736
Conc: 23.46 ng/ml



#45 AR-1268-5

R.T.: 9.920 min
Delta R.T.: 0.000 min
Response: 2924500
Conc: 4.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.337 min
Delta R.T.: 0.000 min
Response: 1570807
Conc: 3.85 ng/ml