

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0081522\
 Data File : P0088977.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Aug 2022 16:48
 Operator : YP/AJ
 Sample : N4189-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 15 23:06:29 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...	4.434	3.593	56051418	20744096	20.780	19.167
2)	SA Decachlor...	10.272	8.582	35624075	19291950	18.461	15.919
Target Compounds							
3)	L1 AR-1016-1	5.636	4.696	3339884	179400	41.430	4.814 #
4)	L1 AR-1016-2	5.636	4.696	3339884	179400	28.957	3.441 #
5)	L1 AR-1016-3	5.683	0.000	93240	0	1.290	N.D. #
6)	L1 AR-1016-4	5.772	4.972f	442912	323964	7.725	13.430 #
7)	L1 AR-1016-5	6.104	5.077f	396251	1270057	6.908	38.941 #
8)	L2 AR-1221-1	4.645	3.877f	3112735	1212249	100.421	101.300
9)	L2 AR-1221-2	4.741	3.877	876186	1212249	37.897	134.216 #
10)	L2 AR-1221-3	4.828	4.008f	349860	308047	4.985	10.840 #
11)	L3 AR-1232-1	4.828	4.008f	349860	308047	6.298	13.605 #
12)	L3 AR-1232-2	5.154	4.696	456454	179400	16.463	7.770 #
13)	L3 AR-1232-3	5.636	0.000	3339884	0	65.472	N.D. #
14)	L3 AR-1232-4	5.772	4.972	442912	323964	17.709	27.486 #
15)	L3 AR-1232-5	5.892	5.077f	579066	1270057	28.136	94.399 #
16)	L4 AR-1242-1	5.636	4.696	3339884	179400	49.693	5.851 #
17)	L4 AR-1242-2	5.636	4.696	3339884	179400	34.608	4.164 #
18)	L4 AR-1242-3	5.683	0.000	93240	0	1.545	N.D. #
19)	L4 AR-1242-4	5.772	4.972	442912	323964	9.188	12.849 #
20)	L4 AR-1242-5	6.551	5.467	390780	1866713	7.530	58.630 #
21)	L5 AR-1248-1	5.636	4.696	3339884	179400	64.737	7.640 #
22)	L5 AR-1248-2	5.892	4.972f	579066	323964	7.543	9.027
23)	L5 AR-1248-3	6.104	4.972	396251	323964	4.797	8.508 #
24)	L5 AR-1248-4	6.507	5.077f	20689416	1270057	230.375	27.657 #
25)	L5 AR-1248-5	6.551	5.511	390780	760385	4.409	17.416 #
26)	L6 AR-1254-1	6.460	5.467	13442704	1866713	147.161	27.103 #
27)	L6 AR-1254-2	6.699	5.617	5199695	879817	38.022	14.857 #
28)	L6 AR-1254-3	7.082	6.019	8489189	860324	60.324	9.252 #
29)	L6 AR-1254-4	7.349	6.287	1089661	1160656	10.784	20.488 #
30)	L6 AR-1254-5	7.770	6.664	2311394	2573313	21.705	31.525 #
31)	L7 AR-1260-1	7.223	6.170	2205042	4822284	21.336	75.877 #
32)	L7 AR-1260-2	7.480	6.338	16510345	465636	139.682	6.077 #
33)	L7 AR-1260-3	7.843	6.491	667659	571588	7.601	7.956
34)	L7 AR-1260-4	8.072	6.963	1740768	857436	17.774	14.052
35)	L7 AR-1260-5	8.398	7.205	1938587	1372818	10.525	9.733
36)	L8 AR-1262-1	7.843	6.766	667659	1119769	5.269	31.980 #
37)	L8 AR-1262-2	8.398	7.205	1938587	1372818	9.233	8.962
38)	L8 AR-1262-3	8.737	7.489	1315771	863698	14.594	14.003
39)	L8 AR-1262-4	8.815	7.552	494921	1320037	7.508	11.591 #
40)	L8 AR-1262-5	9.490	8.046	546296	1413149	6.813	26.321 #
41)	L9 AR-1268-1	8.737	7.489	1315771	863698	5.305	4.878

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Acq On : 15 Aug 2022 16:48
Operator : YP/AJ
Sample : N4189-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

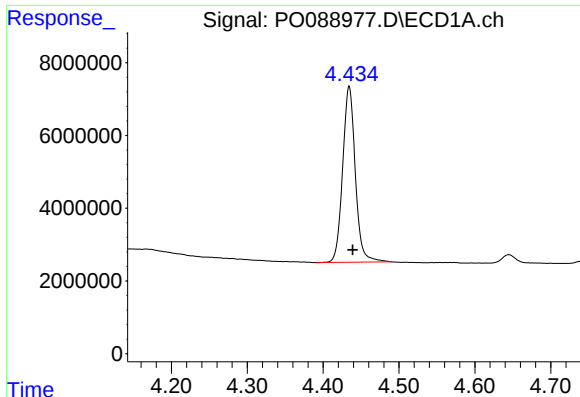
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 15 23:06:29 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\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
42)	L9 AR-1268-2	8.815	7.552	494921	1320037	2.176	8.222 #
43)	L9 AR-1268-3	9.009f	7.754	269417	564134	1.375	4.089 #
44)	L9 AR-1268-4	9.490	8.046	546296	1413149	6.274	24.415 #
45)	L9 AR-1268-5	9.919	8.333	786097	462741	1.256	1.135

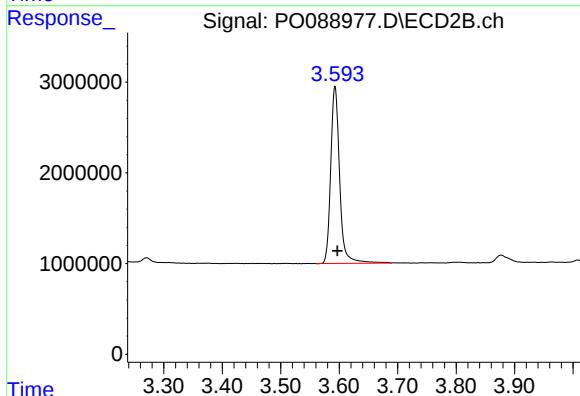
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

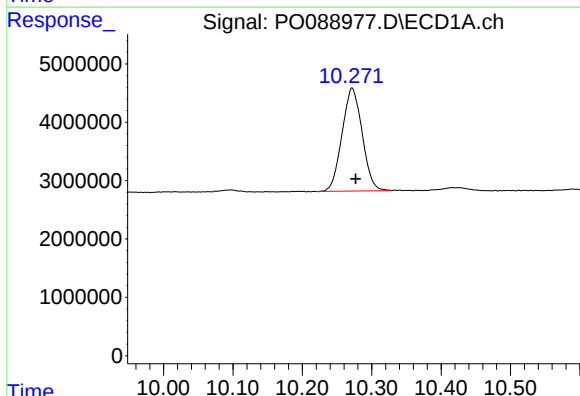
R.T.: 4.434 min
Delta R.T.: -0.005 min
Response: 56051418
Conc: 20.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



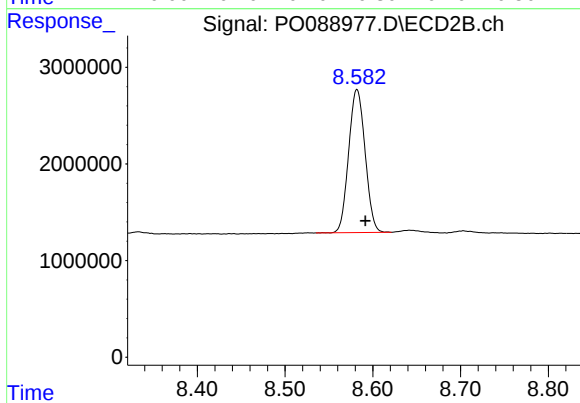
#1 Tetrachloro-m-xylene

R.T.: 3.593 min
Delta R.T.: -0.004 min
Response: 20744096
Conc: 19.17 ng/ml



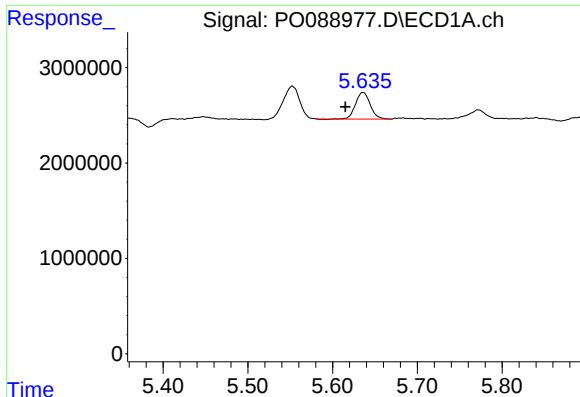
#2 Decachlorobiphenyl

R.T.: 10.272 min
Delta R.T.: -0.005 min
Response: 35624075
Conc: 18.46 ng/ml



#2 Decachlorobiphenyl

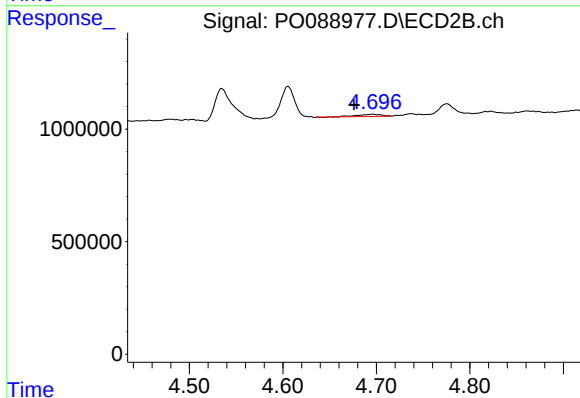
R.T.: 8.582 min
Delta R.T.: -0.010 min
Response: 19291950
Conc: 15.92 ng/ml



#3 AR-1016-1

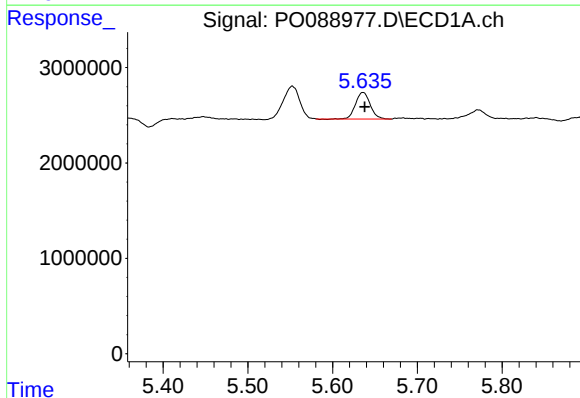
R.T.: 5.636 min
Delta R.T.: 0.021 min
Response: 3339884
Conc: 41.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



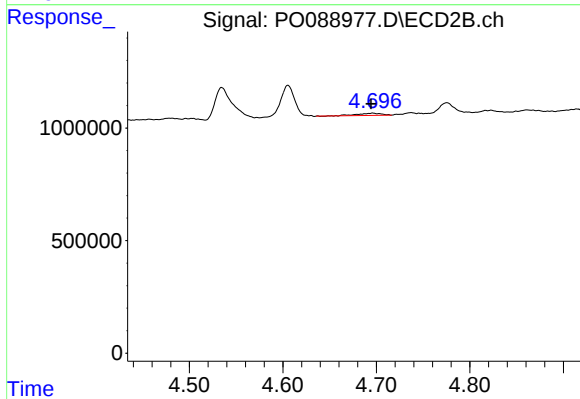
#3 AR-1016-1

R.T.: 4.696 min
Delta R.T.: 0.020 min
Response: 179400
Conc: 4.81 ng/ml



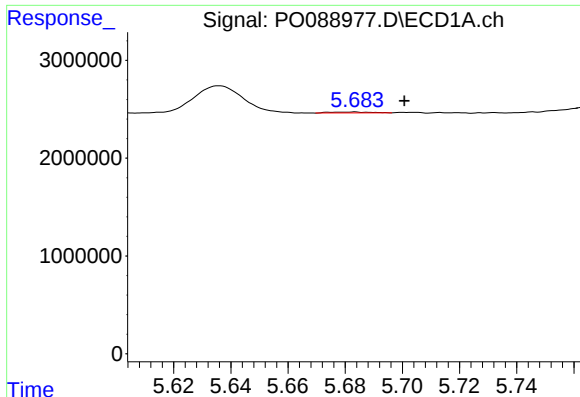
#4 AR-1016-2

R.T.: 5.636 min
Delta R.T.: -0.002 min
Response: 3339884
Conc: 28.96 ng/ml



#4 AR-1016-2

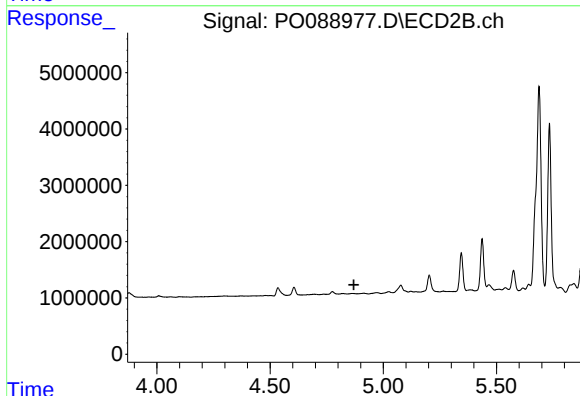
R.T.: 4.696 min
Delta R.T.: 0.002 min
Response: 179400
Conc: 3.44 ng/ml



#5 AR-1016-3

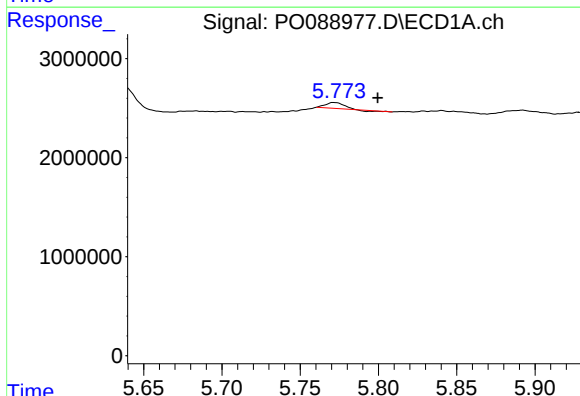
R.T.: 5.683 min
Delta R.T.: -0.018 min
Response: 93240
Conc: 1.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



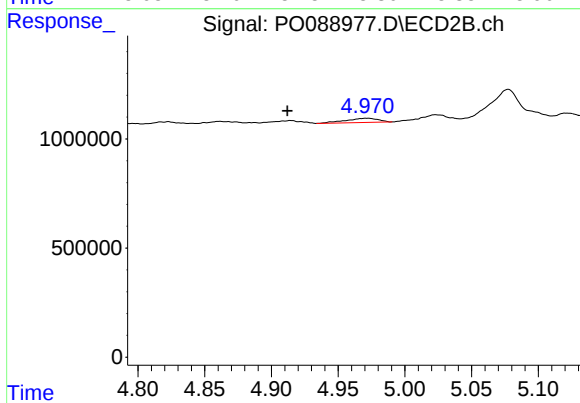
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.870 min
Response: 0
Conc: N.D.



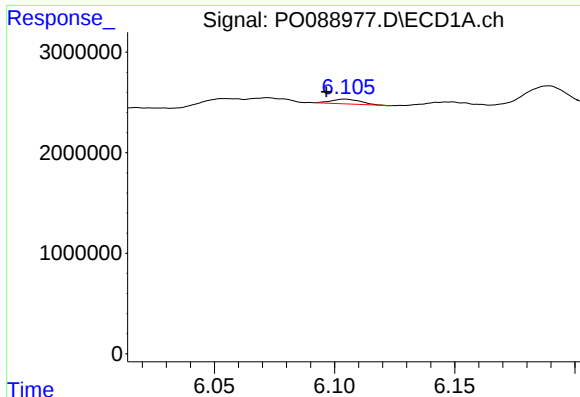
#6 AR-1016-4

R.T.: 5.772 min
Delta R.T.: -0.028 min
Response: 442912
Conc: 7.73 ng/ml



#6 AR-1016-4

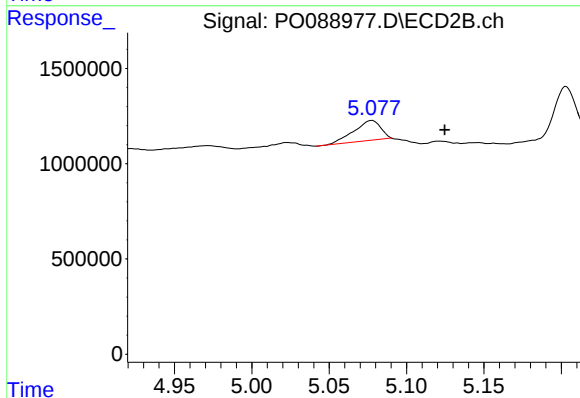
R.T.: 4.972 min
Delta R.T.: 0.060 min
Response: 323964
Conc: 13.43 ng/ml



#7 AR-1016-5

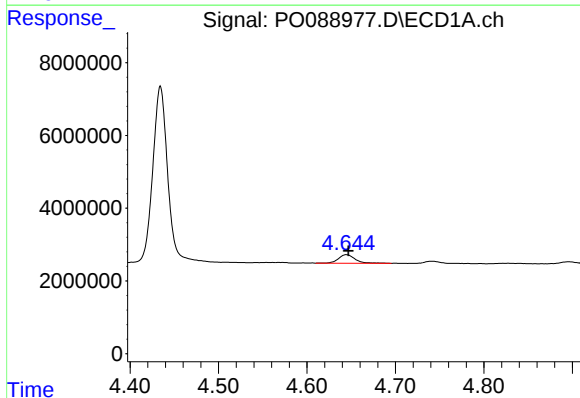
R.T.: 6.104 min
Delta R.T.: 0.008 min
Response: 396251
Conc: 6.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



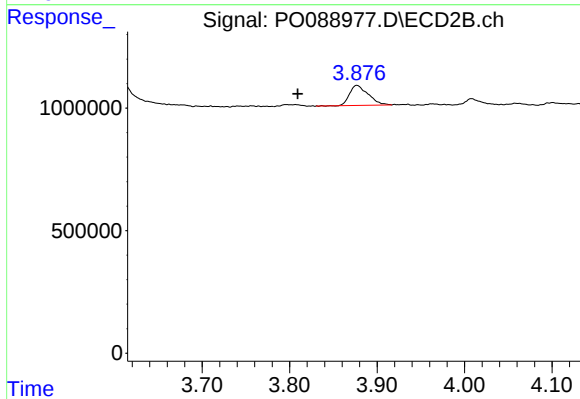
#7 AR-1016-5

R.T.: 5.077 min
Delta R.T.: -0.047 min
Response: 1270057
Conc: 38.94 ng/ml



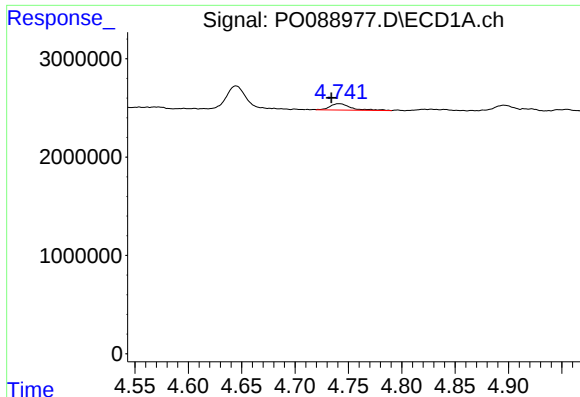
#8 AR-1221-1

R.T.: 4.645 min
Delta R.T.: -0.002 min
Response: 3112735
Conc: 100.42 ng/ml



#8 AR-1221-1

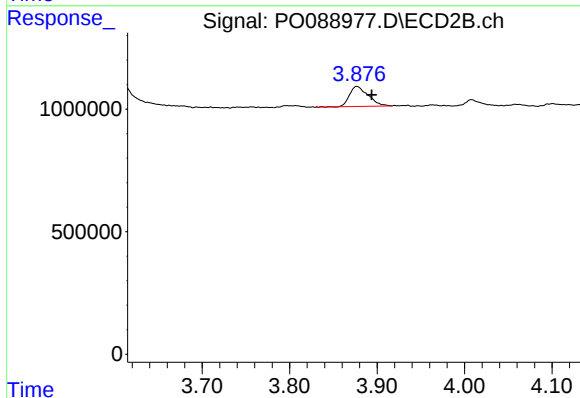
R.T.: 3.877 min
Delta R.T.: 0.068 min
Response: 1212249
Conc: 101.30 ng/ml



#9 AR-1221-2

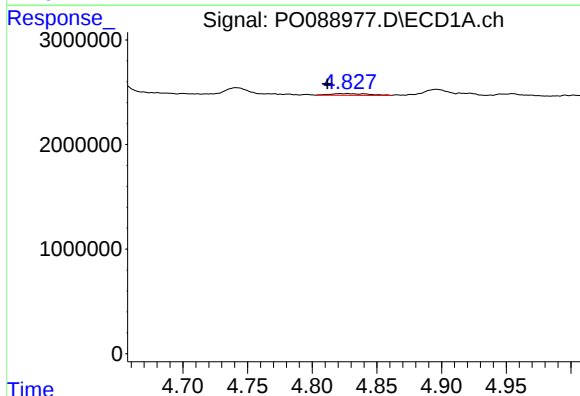
R.T.: 4.741 min
Delta R.T.: 0.007 min
Response: 876186
Conc: 37.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



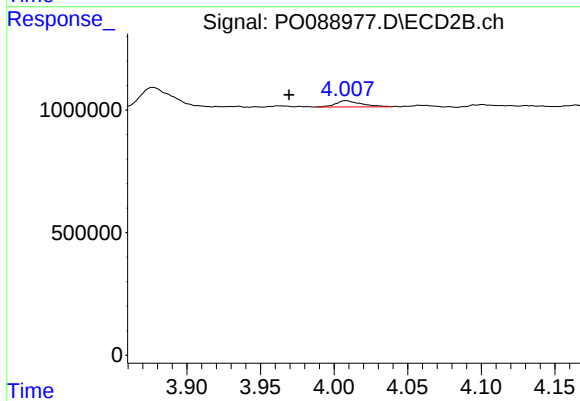
#9 AR-1221-2

R.T.: 3.877 min
Delta R.T.: -0.017 min
Response: 1212249
Conc: 134.22 ng/ml



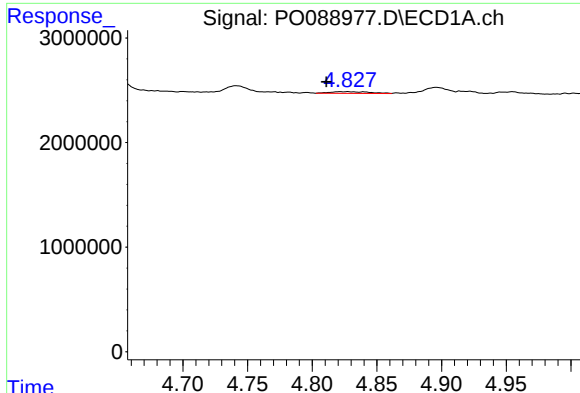
#10 AR-1221-3

R.T.: 4.828 min
Delta R.T.: 0.016 min
Response: 349860
Conc: 4.99 ng/ml



#10 AR-1221-3

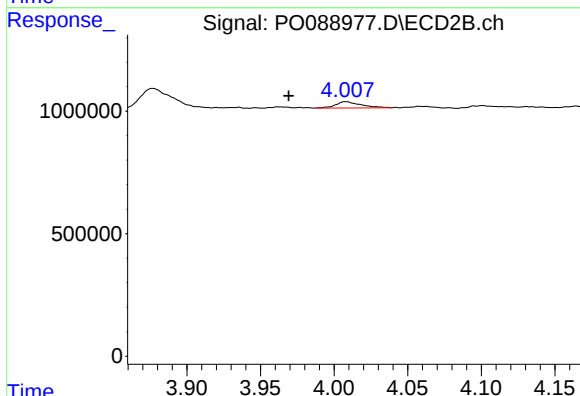
R.T.: 4.008 min
Delta R.T.: 0.039 min
Response: 308047
Conc: 10.84 ng/ml



#11 AR-1232-1

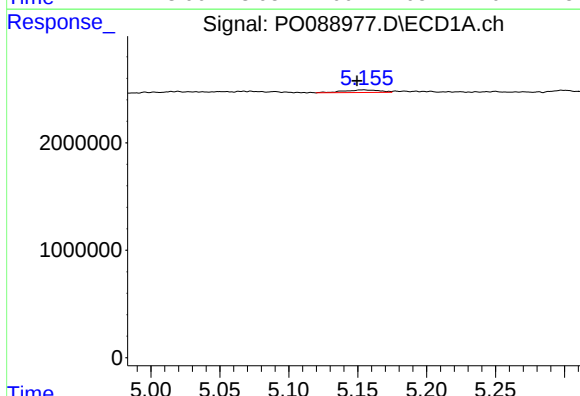
R.T.: 4.828 min
Delta R.T.: 0.017 min
Response: 349860
Conc: 6.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



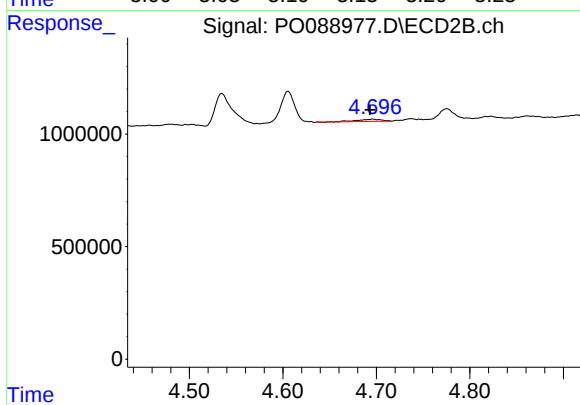
#11 AR-1232-1

R.T.: 4.008 min
Delta R.T.: 0.039 min
Response: 308047
Conc: 13.60 ng/ml



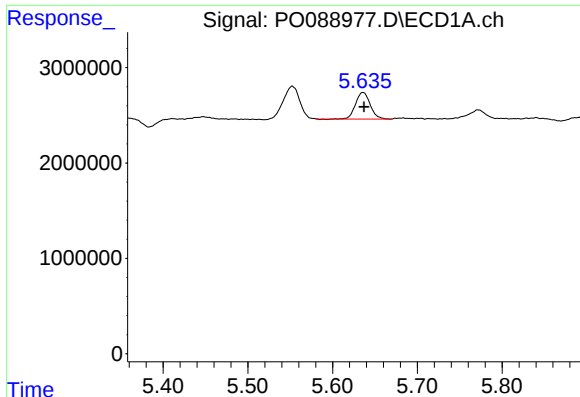
#12 AR-1232-2

R.T.: 5.154 min
Delta R.T.: 0.004 min
Response: 456454
Conc: 16.46 ng/ml



#12 AR-1232-2

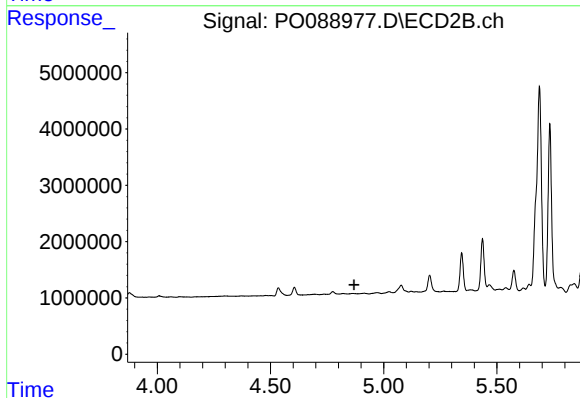
R.T.: 4.696 min
Delta R.T.: 0.003 min
Response: 179400
Conc: 7.77 ng/ml



#13 AR-1232-3

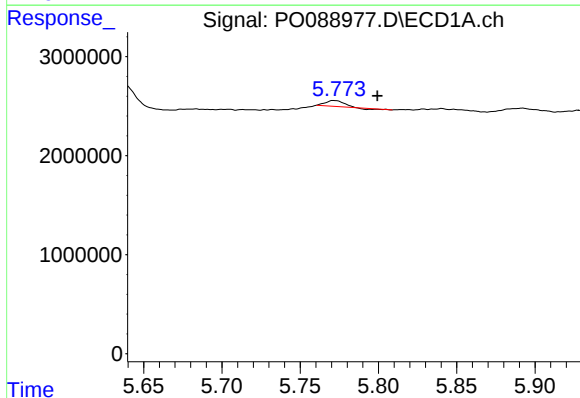
R.T.: 5.636 min
Delta R.T.: -0.001 min
Response: 3339884
Conc: 65.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



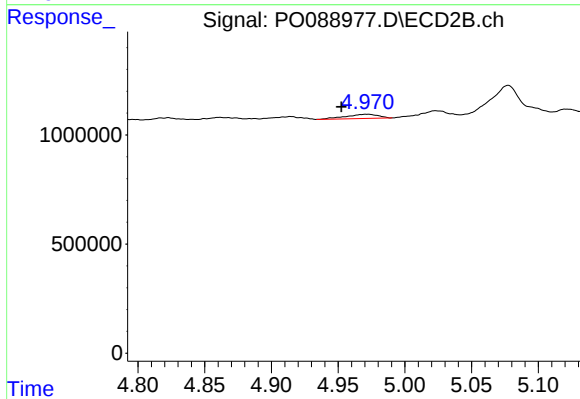
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.869 min
Response: 0
Conc: N.D.



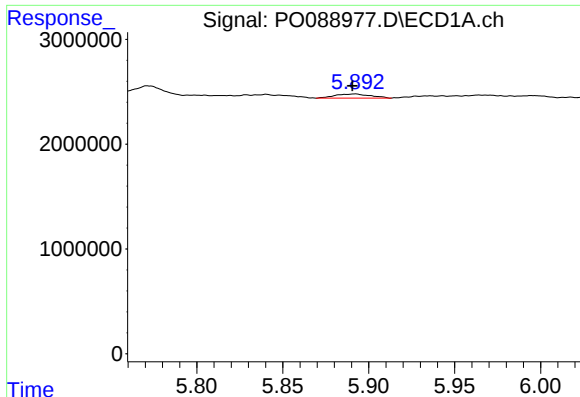
#14 AR-1232-4

R.T.: 5.772 min
Delta R.T.: -0.027 min
Response: 442912
Conc: 17.71 ng/ml



#14 AR-1232-4

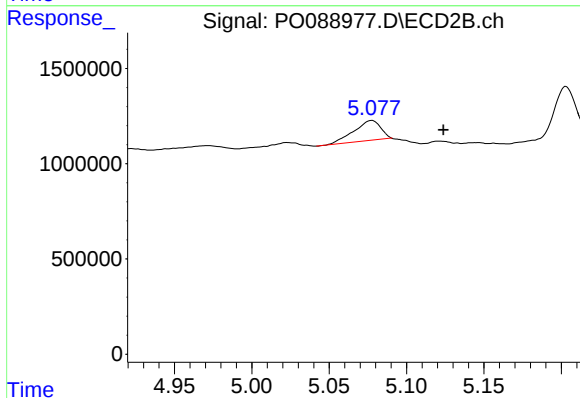
R.T.: 4.972 min
Delta R.T.: 0.019 min
Response: 323964
Conc: 27.49 ng/ml



#15 AR-1232-5

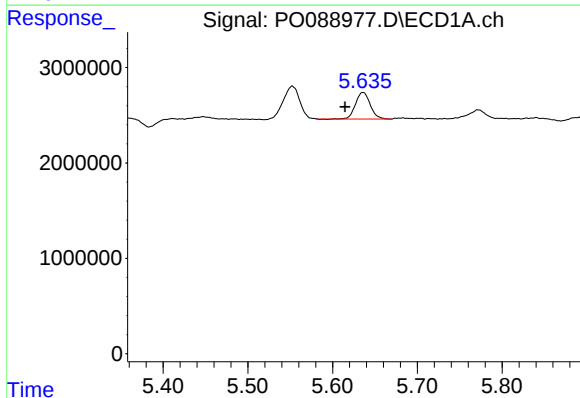
R.T.: 5.892 min
Delta R.T.: 0.002 min
Response: 579066
Conc: 28.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



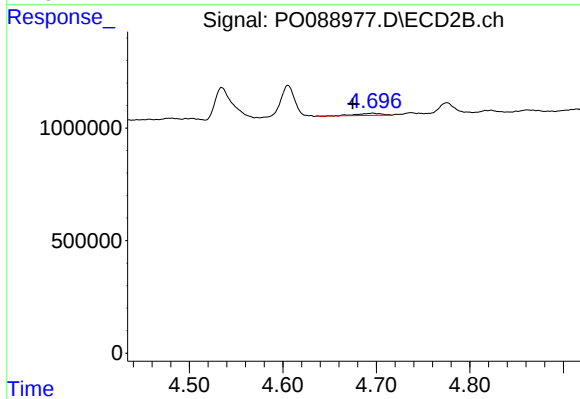
#15 AR-1232-5

R.T.: 5.077 min
Delta R.T.: -0.046 min
Response: 1270057
Conc: 94.40 ng/ml



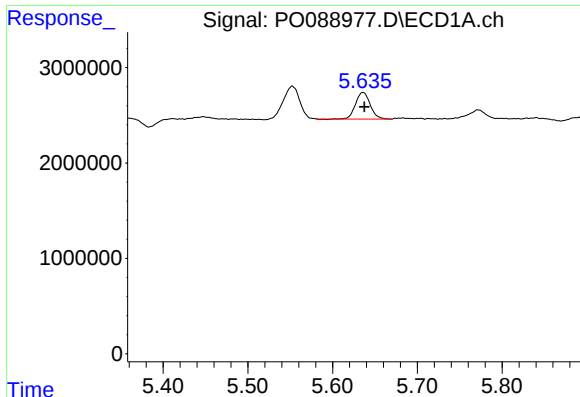
#16 AR-1242-1

R.T.: 5.636 min
Delta R.T.: 0.021 min
Response: 3339884
Conc: 49.69 ng/ml



#16 AR-1242-1

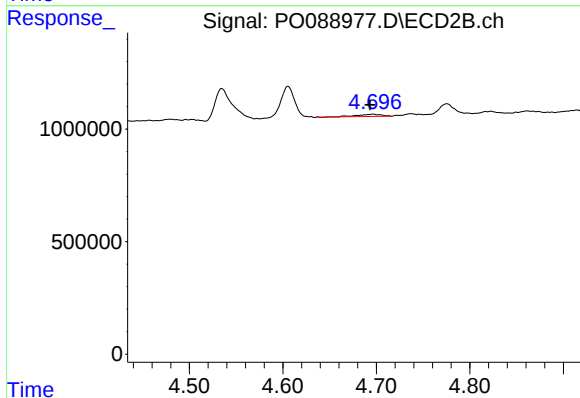
R.T.: 4.696 min
Delta R.T.: 0.022 min
Response: 179400
Conc: 5.85 ng/ml



#17 AR-1242-2

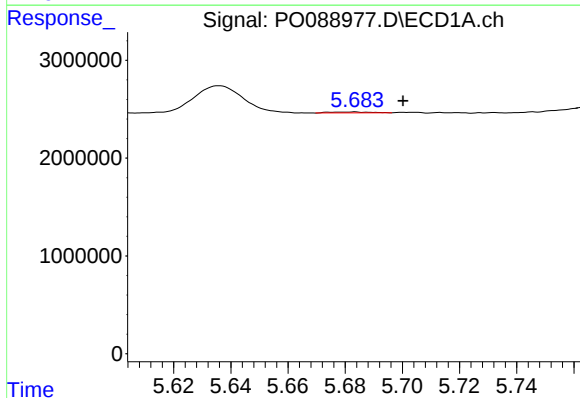
R.T.: 5.636 min
Delta R.T.: -0.002 min
Response: 3339884
Conc: 34.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



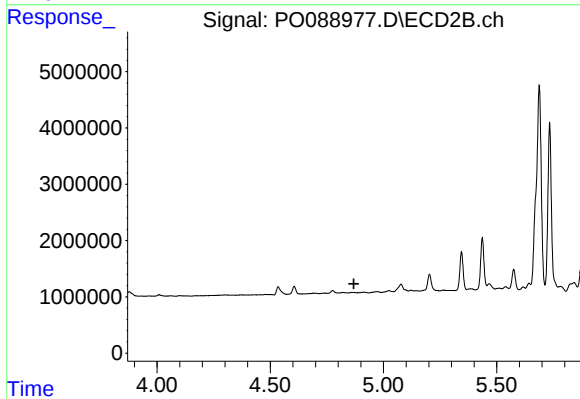
#17 AR-1242-2

R.T.: 4.696 min
Delta R.T.: 0.003 min
Response: 179400
Conc: 4.16 ng/ml



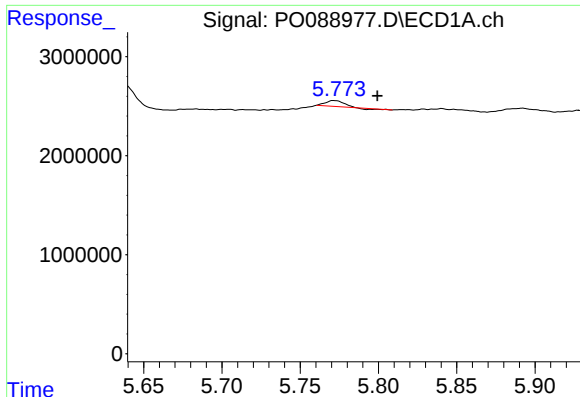
#18 AR-1242-3

R.T.: 5.683 min
Delta R.T.: -0.017 min
Response: 93240
Conc: 1.54 ng/ml



#18 AR-1242-3

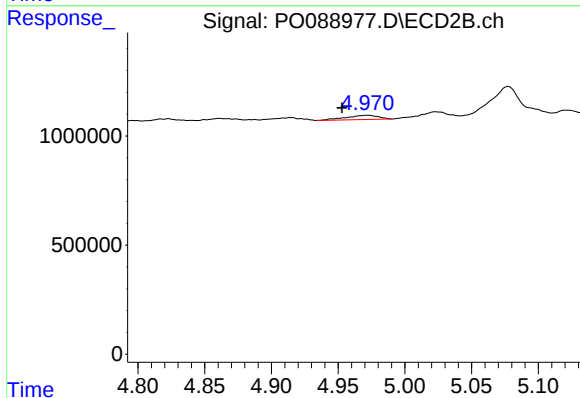
R.T.: 0.000 min
Exp R.T. : 4.869 min
Response: 0
Conc: N.D.



#19 AR-1242-4

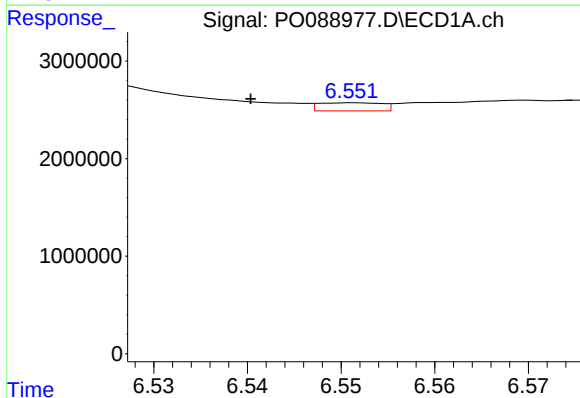
R.T.: 5.772 min
Delta R.T.: -0.028 min
Response: 442912
Conc: 9.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



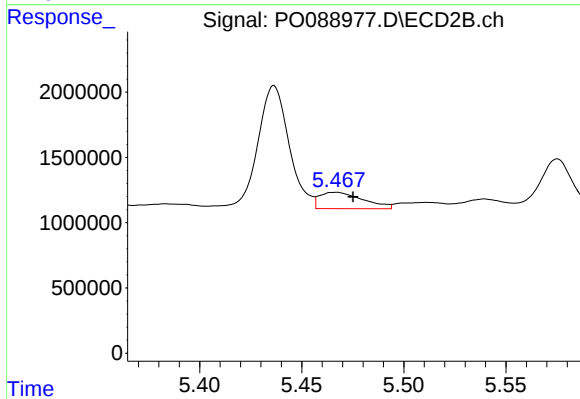
#19 AR-1242-4

R.T.: 4.972 min
Delta R.T.: 0.019 min
Response: 323964
Conc: 12.85 ng/ml



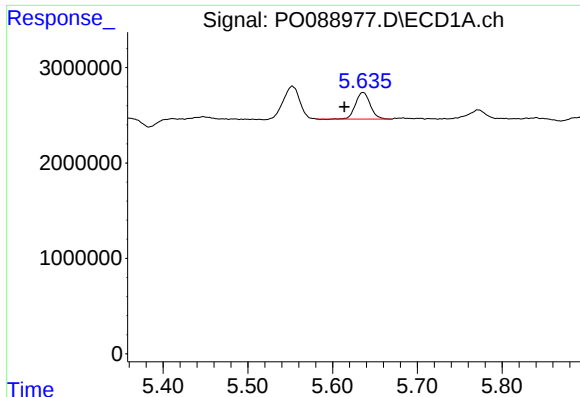
#20 AR-1242-5

R.T.: 6.551 min
Delta R.T.: 0.011 min
Response: 390780
Conc: 7.53 ng/ml



#20 AR-1242-5

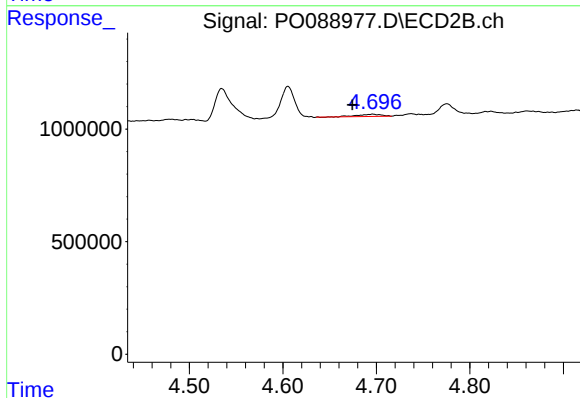
R.T.: 5.467 min
Delta R.T.: -0.009 min
Response: 1866713
Conc: 58.63 ng/ml



#21 AR-1248-1

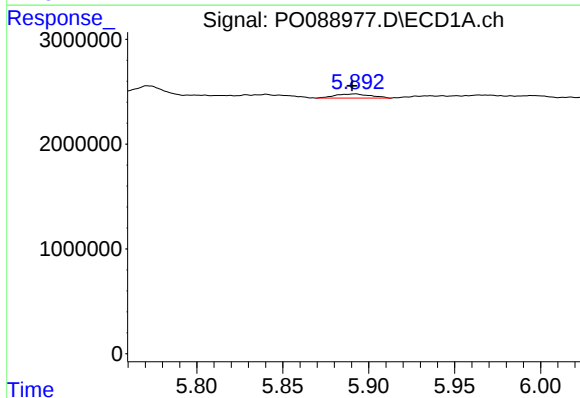
R.T.: 5.636 min
Delta R.T.: 0.022 min
Response: 3339884
Conc: 64.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



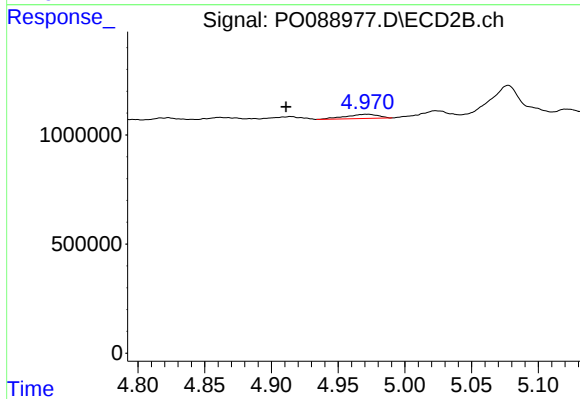
#21 AR-1248-1

R.T.: 4.696 min
Delta R.T.: 0.022 min
Response: 179400
Conc: 7.64 ng/ml



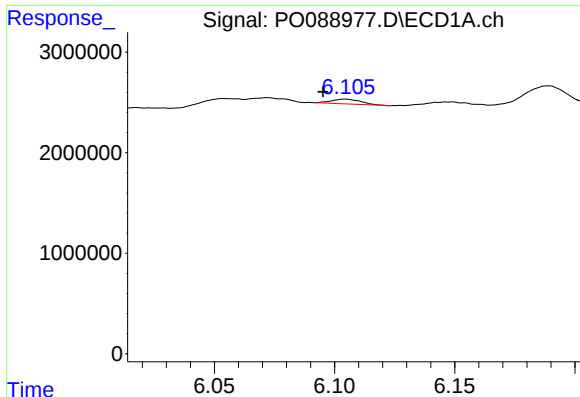
#22 AR-1248-2

R.T.: 5.892 min
Delta R.T.: 0.002 min
Response: 579066
Conc: 7.54 ng/ml



#22 AR-1248-2

R.T.: 4.972 min
Delta R.T.: 0.061 min
Response: 323964
Conc: 9.03 ng/ml



#23 AR-1248-3

R.T.: 6.104 min
Delta R.T.: 0.009 min
Response: 396251
Conc: 4.80 ng/ml

Instrument :
ECD_O
ClientSampleId :

#23 AR-1248-3

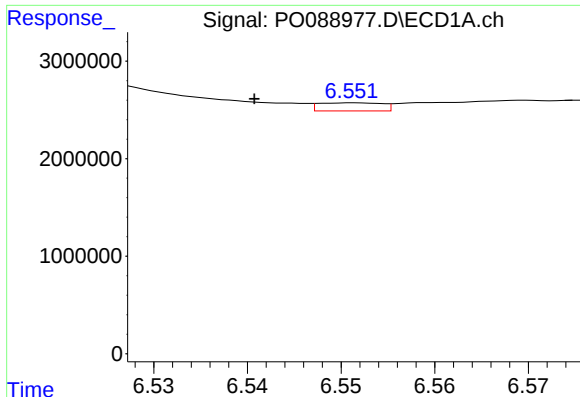
R.T.: 4.972 min
Delta R.T.: 0.019 min
Response: 323964
Conc: 8.51 ng/ml

#24 AR-1248-4

R.T.: 6.507 min
Delta R.T.: 0.006 min
Response: 20689416
Conc: 230.37 ng/ml

#24 AR-1248-4

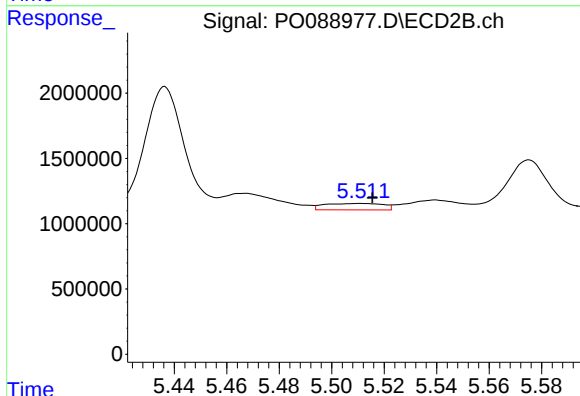
R.T.: 5.077 min
Delta R.T.: -0.046 min
Response: 1270057
Conc: 27.66 ng/ml



#25 AR-1248-5

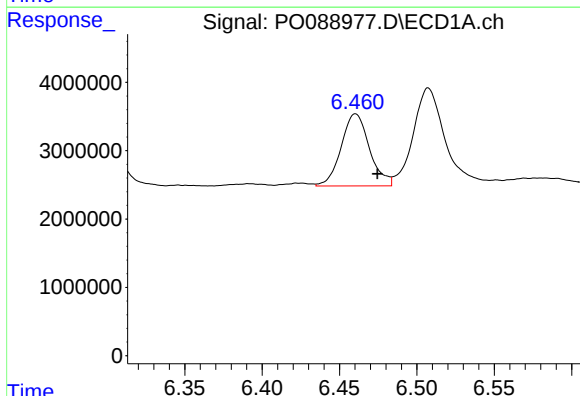
R.T.: 6.551 min
Delta R.T.: 0.011 min
Response: 390780
Conc: 4.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



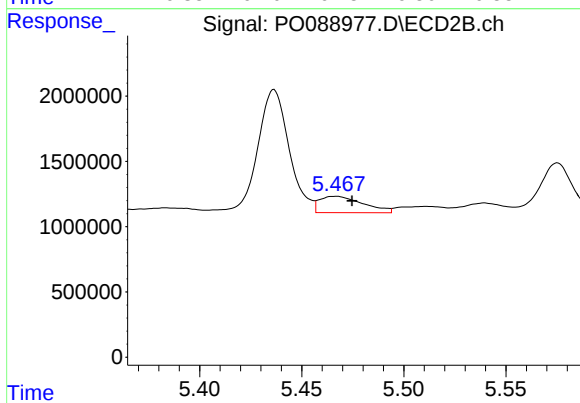
#25 AR-1248-5

R.T.: 5.511 min
Delta R.T.: -0.004 min
Response: 760385
Conc: 17.42 ng/ml



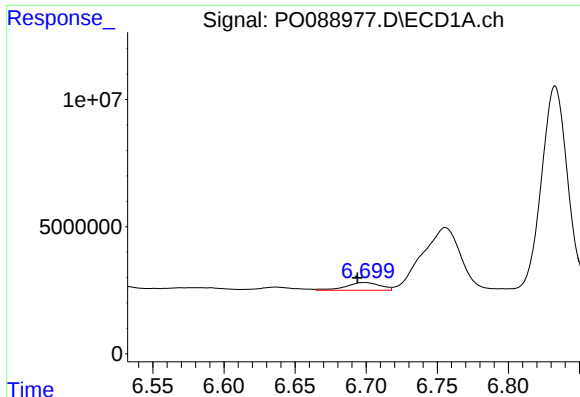
#26 AR-1254-1

R.T.: 6.460 min
Delta R.T.: -0.014 min
Response: 13442704
Conc: 147.16 ng/ml



#26 AR-1254-1

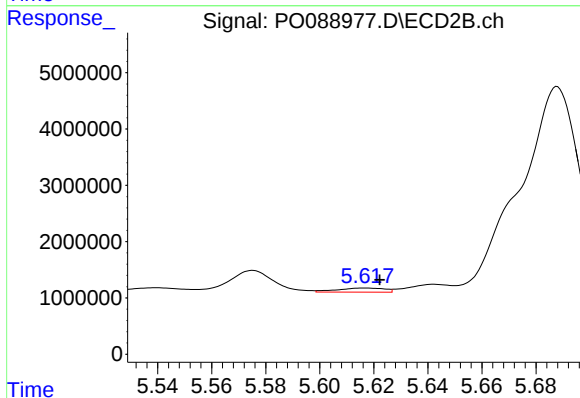
R.T.: 5.467 min
Delta R.T.: -0.008 min
Response: 1866713
Conc: 27.10 ng/ml



#27 AR-1254-2

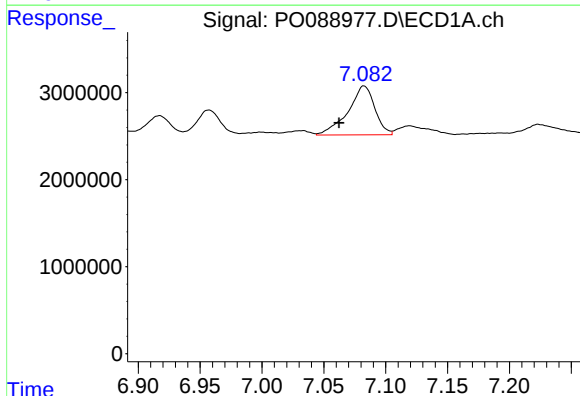
R.T.: 6.699 min
Delta R.T.: 0.005 min
Response: 5199695
Conc: 38.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



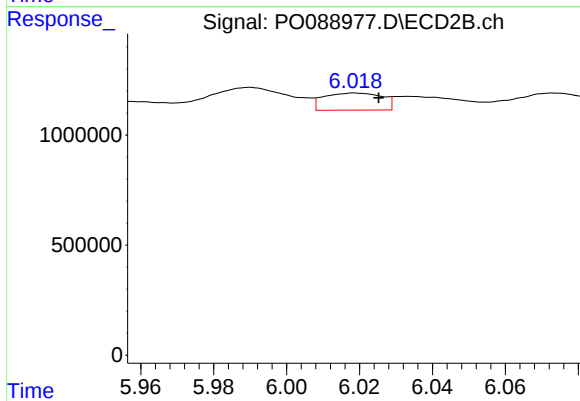
#27 AR-1254-2

R.T.: 5.617 min
Delta R.T.: -0.005 min
Response: 879817
Conc: 14.86 ng/ml



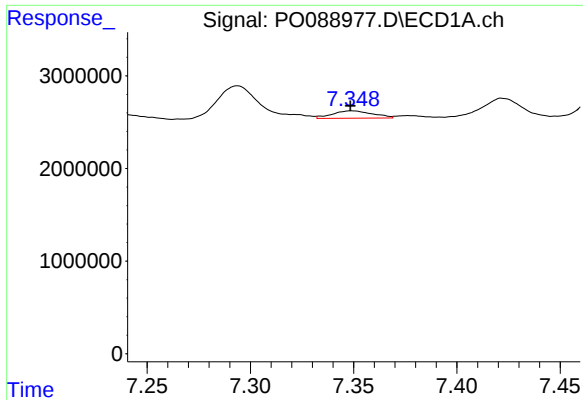
#28 AR-1254-3

R.T.: 7.082 min
Delta R.T.: 0.020 min
Response: 8489189
Conc: 60.32 ng/ml



#28 AR-1254-3

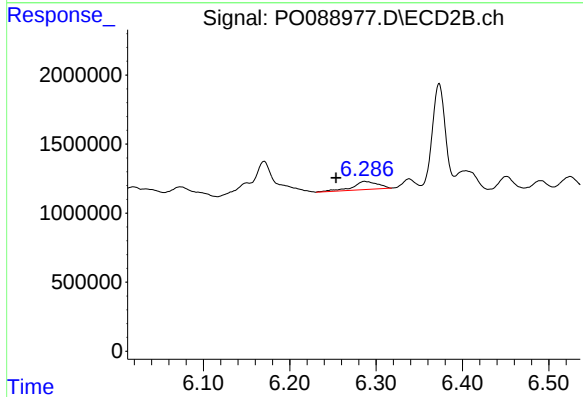
R.T.: 6.019 min
Delta R.T.: -0.006 min
Response: 860324
Conc: 9.25 ng/ml



#29 AR-1254-4

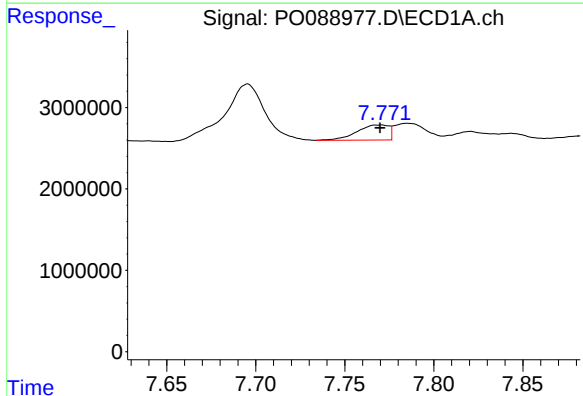
R.T.: 7.349 min
Delta R.T.: 0.000 min
Response: 1089661
Conc: 10.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



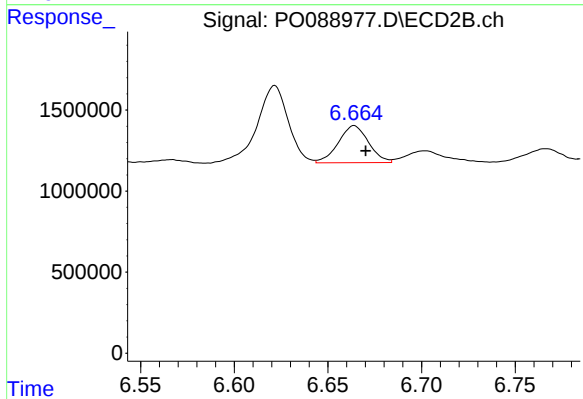
#29 AR-1254-4

R.T.: 6.287 min
Delta R.T.: 0.033 min
Response: 1160656
Conc: 20.49 ng/ml



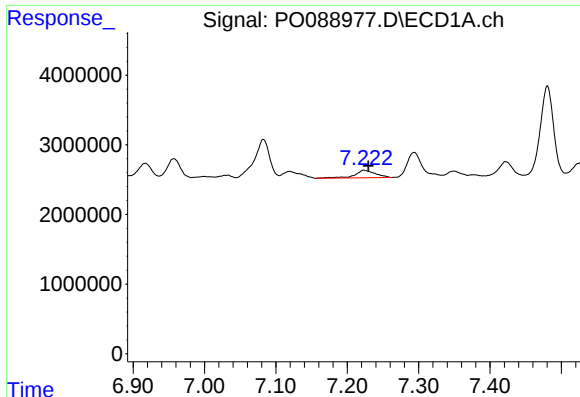
#30 AR-1254-5

R.T.: 7.770 min
Delta R.T.: 0.000 min
Response: 2311394
Conc: 21.71 ng/ml



#30 AR-1254-5

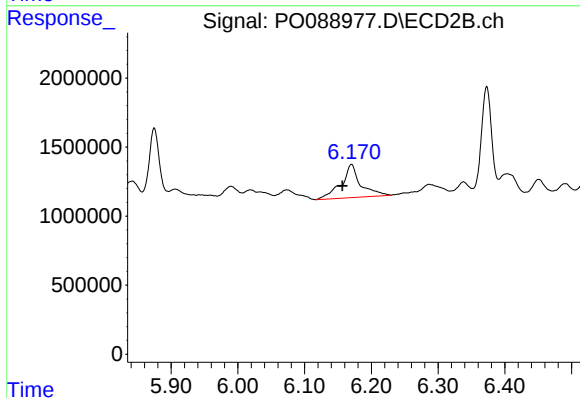
R.T.: 6.664 min
Delta R.T.: -0.006 min
Response: 2573313
Conc: 31.53 ng/ml



#31 AR-1260-1

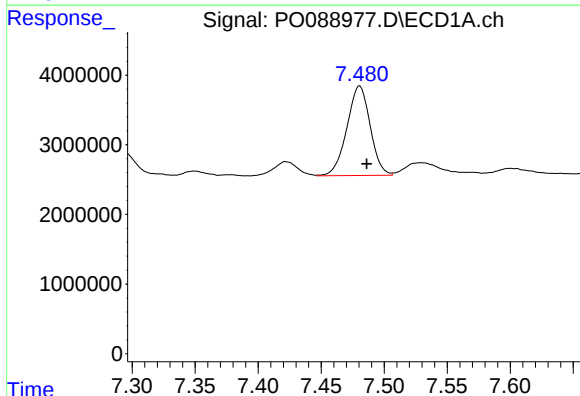
R.T.: 7.223 min
Delta R.T.: -0.006 min
Response: 2205042
Conc: 21.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



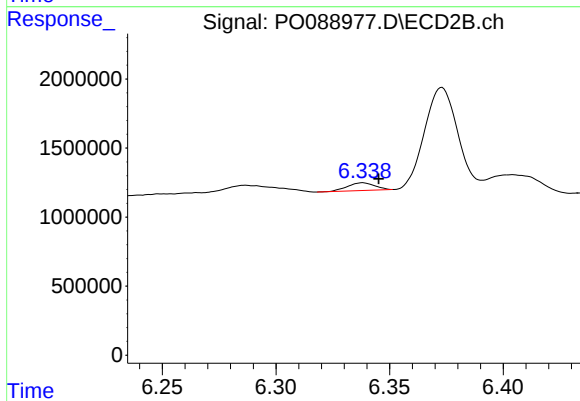
#31 AR-1260-1

R.T.: 6.170 min
Delta R.T.: 0.014 min
Response: 4822284
Conc: 75.88 ng/ml



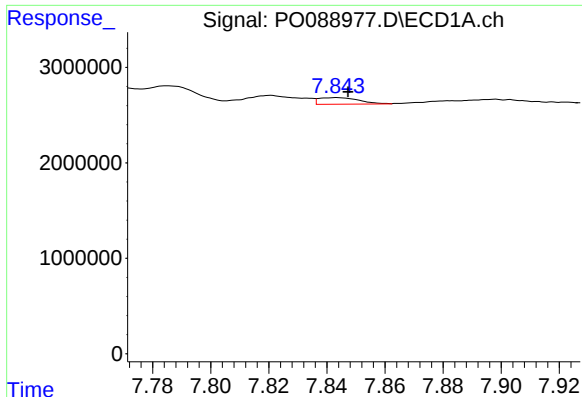
#32 AR-1260-2

R.T.: 7.480 min
Delta R.T.: -0.006 min
Response: 16510345
Conc: 139.68 ng/ml



#32 AR-1260-2

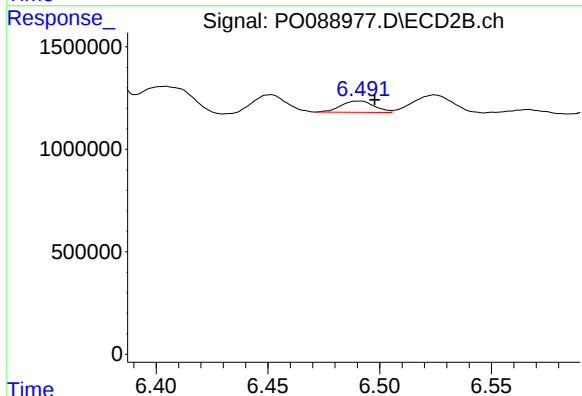
R.T.: 6.338 min
Delta R.T.: -0.007 min
Response: 465636
Conc: 6.08 ng/ml



#33 AR-1260-3

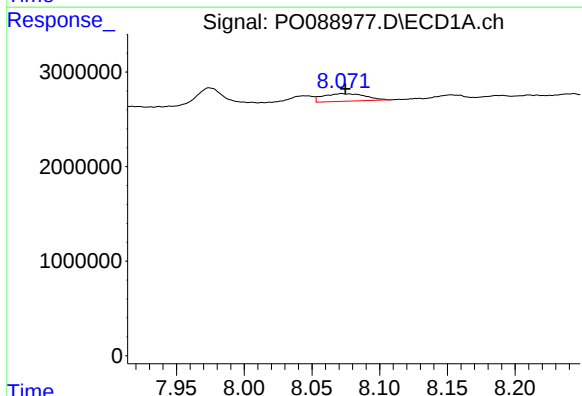
R.T.: 7.843 min
Delta R.T.: -0.004 min
Response: 667659
Conc: 7.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



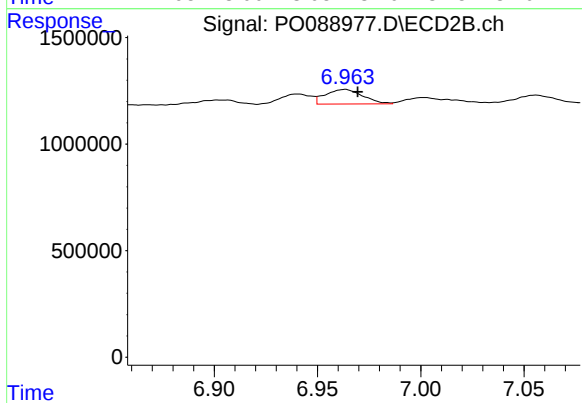
#33 AR-1260-3

R.T.: 6.491 min
Delta R.T.: -0.007 min
Response: 571588
Conc: 7.96 ng/ml



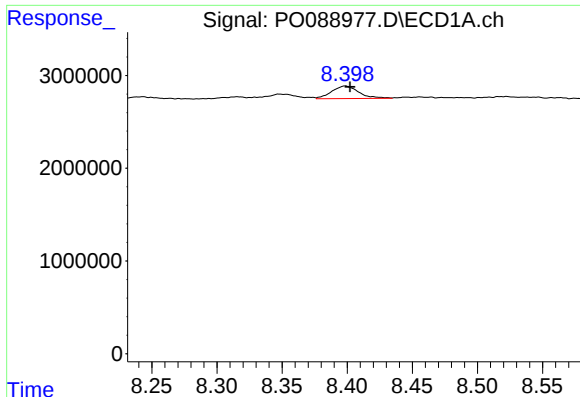
#34 AR-1260-4

R.T.: 8.072 min
Delta R.T.: -0.003 min
Response: 1740768
Conc: 17.77 ng/ml



#34 AR-1260-4

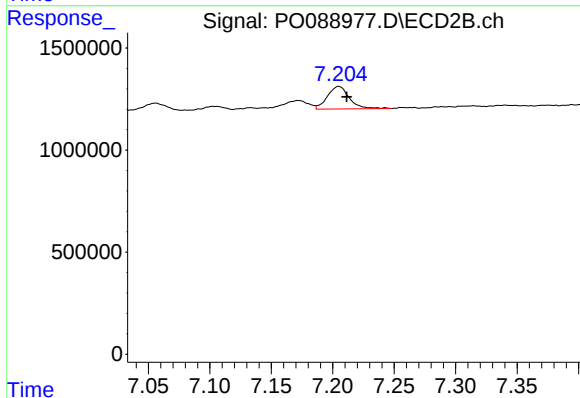
R.T.: 6.963 min
Delta R.T.: -0.006 min
Response: 857436
Conc: 14.05 ng/ml



#35 AR-1260-5

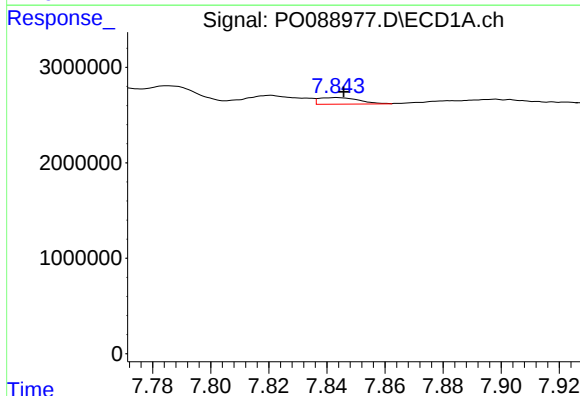
R.T.: 8.398 min
Delta R.T.: -0.004 min
Response: 1938587
Conc: 10.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



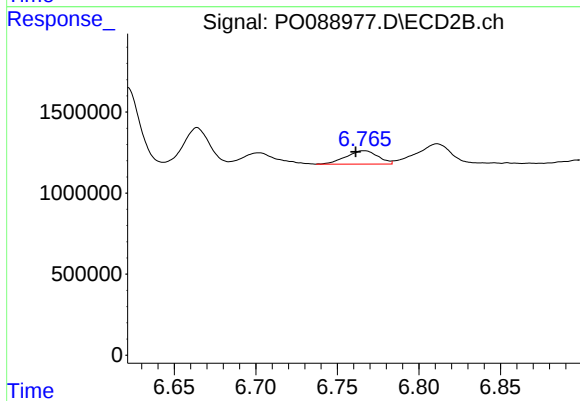
#35 AR-1260-5

R.T.: 7.205 min
Delta R.T.: -0.007 min
Response: 1372818
Conc: 9.73 ng/ml



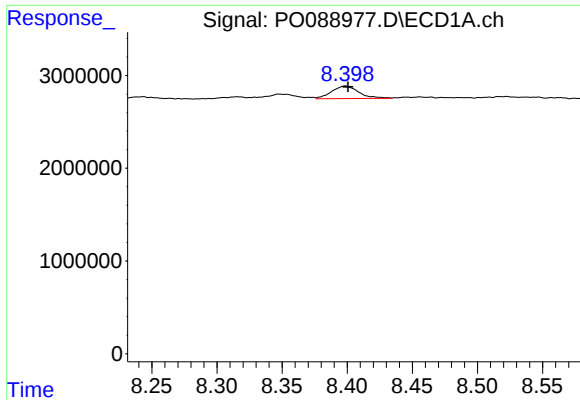
#36 AR-1262-1

R.T.: 7.843 min
Delta R.T.: -0.002 min
Response: 667659
Conc: 5.27 ng/ml



#36 AR-1262-1

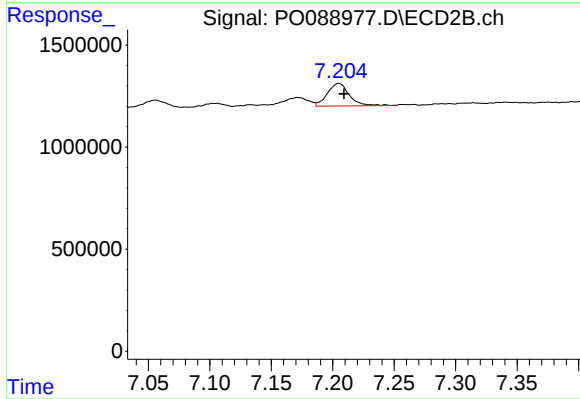
R.T.: 6.766 min
Delta R.T.: 0.005 min
Response: 1119769
Conc: 31.98 ng/ml



#37 AR-1262-2

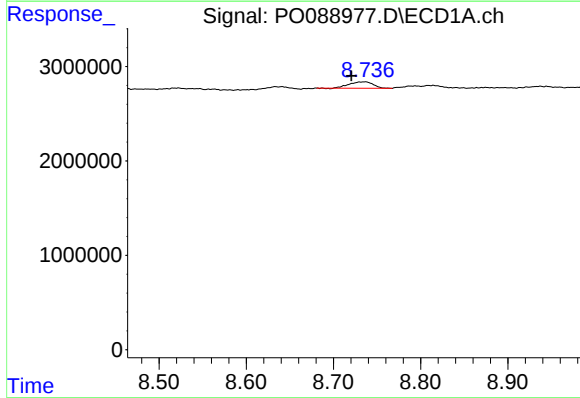
R.T.: 8.398 min
Delta R.T.: -0.002 min
Response: 1938587
Conc: 9.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



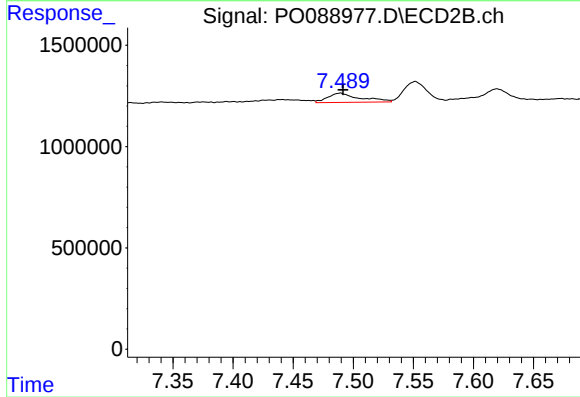
#37 AR-1262-2

R.T.: 7.205 min
Delta R.T.: -0.004 min
Response: 1372818
Conc: 8.96 ng/ml



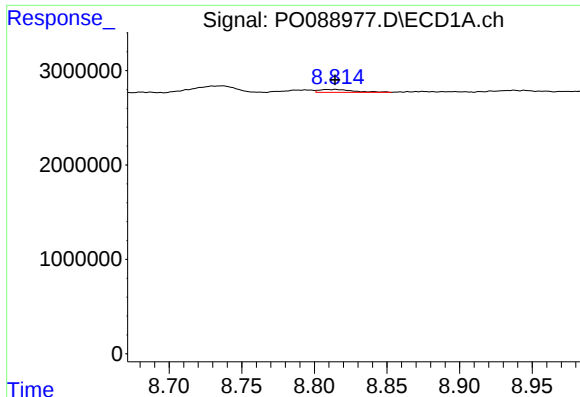
#38 AR-1262-3

R.T.: 8.737 min
Delta R.T.: 0.016 min
Response: 1315771
Conc: 14.59 ng/ml



#38 AR-1262-3

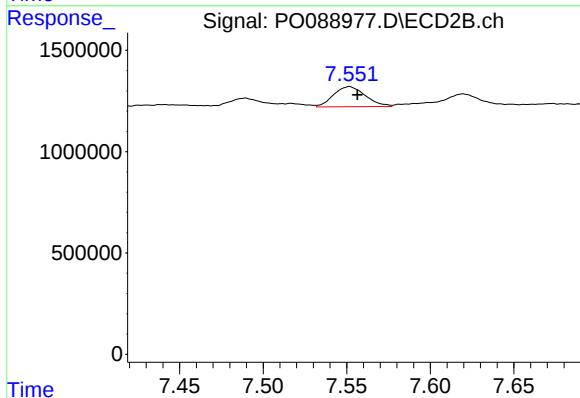
R.T.: 7.489 min
Delta R.T.: -0.002 min
Response: 863698
Conc: 14.00 ng/ml



#39 AR-1262-4

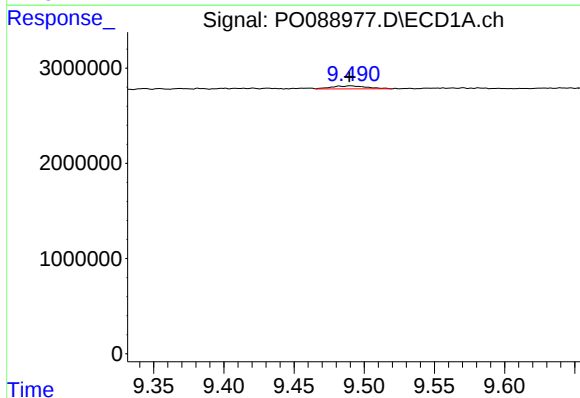
R.T.: 8.815 min
Delta R.T.: 0.000 min
Response: 494921
Conc: 7.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



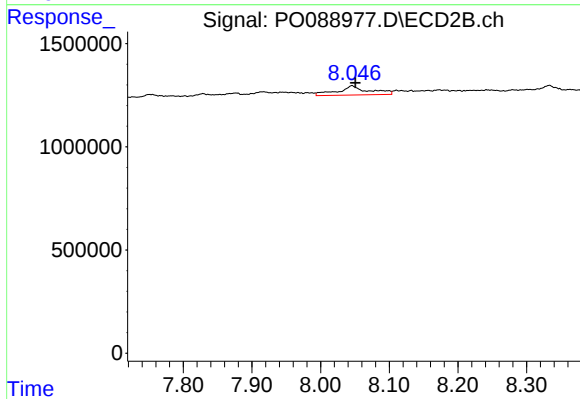
#39 AR-1262-4

R.T.: 7.552 min
Delta R.T.: -0.005 min
Response: 1320037
Conc: 11.59 ng/ml



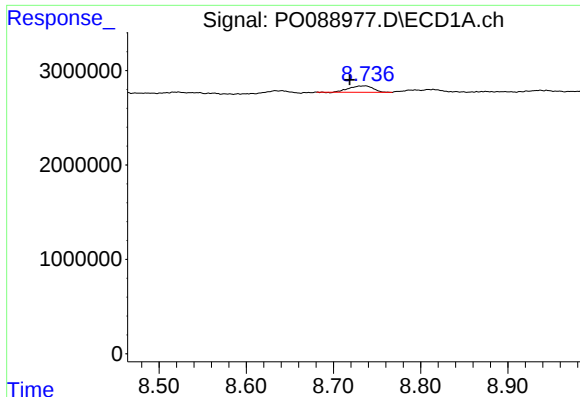
#40 AR-1262-5

R.T.: 9.490 min
Delta R.T.: 0.000 min
Response: 546296
Conc: 6.81 ng/ml



#40 AR-1262-5

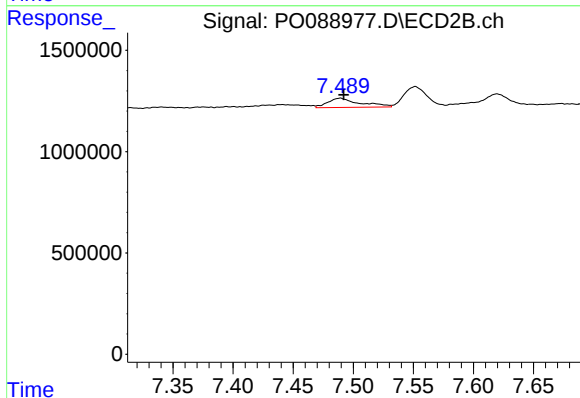
R.T.: 8.046 min
Delta R.T.: -0.005 min
Response: 1413149
Conc: 26.32 ng/ml



#41 AR-1268-1

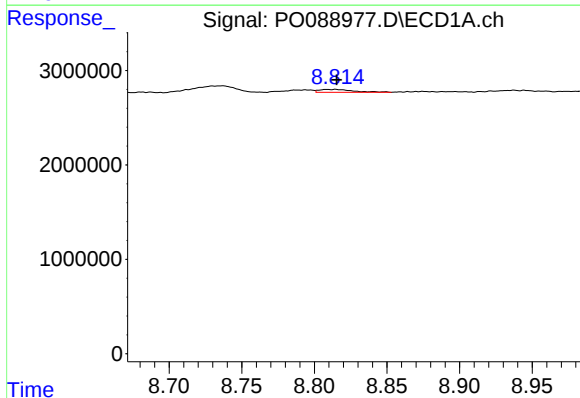
R.T.: 8.737 min
Delta R.T.: 0.018 min
Response: 1315771
Conc: 5.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



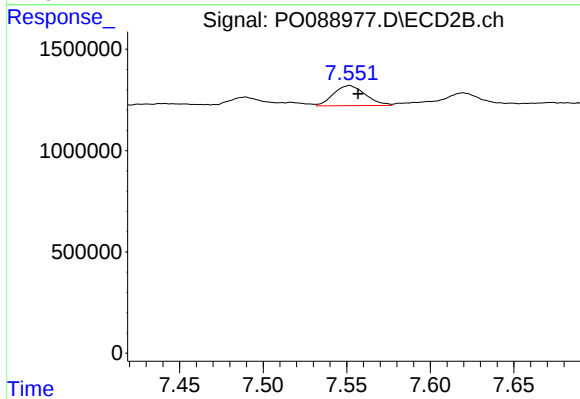
#41 AR-1268-1

R.T.: 7.489 min
Delta R.T.: -0.003 min
Response: 863698
Conc: 4.88 ng/ml



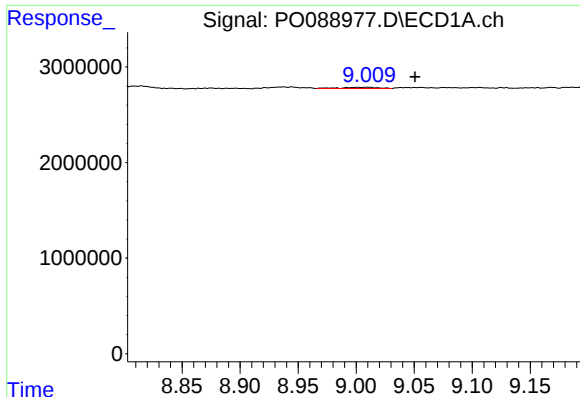
#42 AR-1268-2

R.T.: 8.815 min
Delta R.T.: 0.000 min
Response: 494921
Conc: 2.18 ng/ml



#42 AR-1268-2

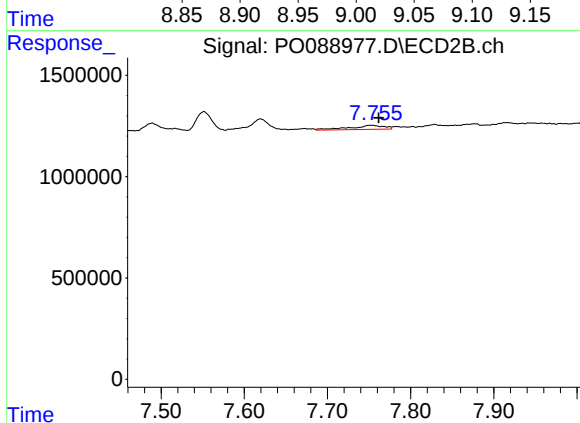
R.T.: 7.552 min
Delta R.T.: -0.005 min
Response: 1320037
Conc: 8.22 ng/ml



#43 AR-1268-3

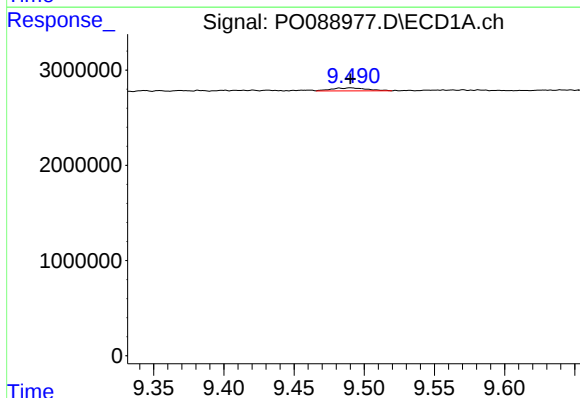
R.T.: 9.009 min
Delta R.T.: -0.041 min
Response: 269417
Conc: 1.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



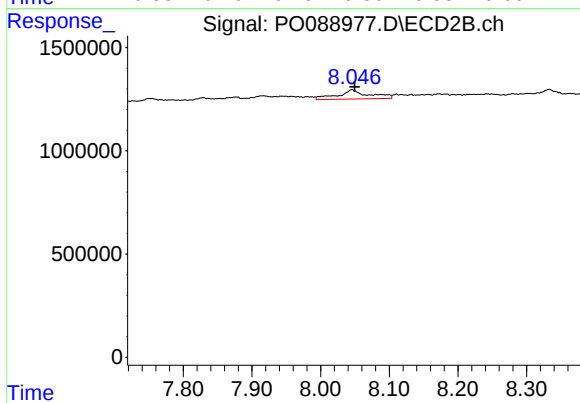
#43 AR-1268-3

R.T.: 7.754 min
Delta R.T.: -0.007 min
Response: 564134
Conc: 4.09 ng/ml



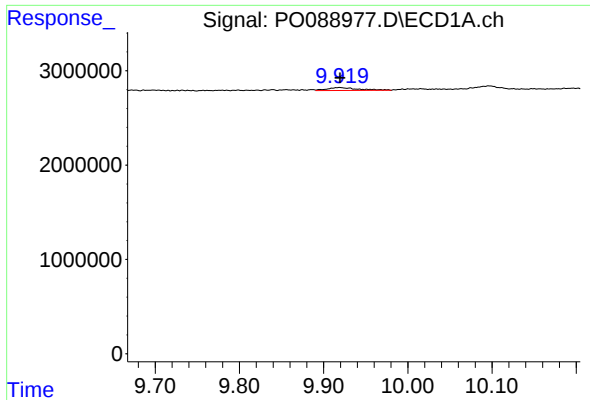
#44 AR-1268-4

R.T.: 9.490 min
Delta R.T.: 0.000 min
Response: 546296
Conc: 6.27 ng/ml



#44 AR-1268-4

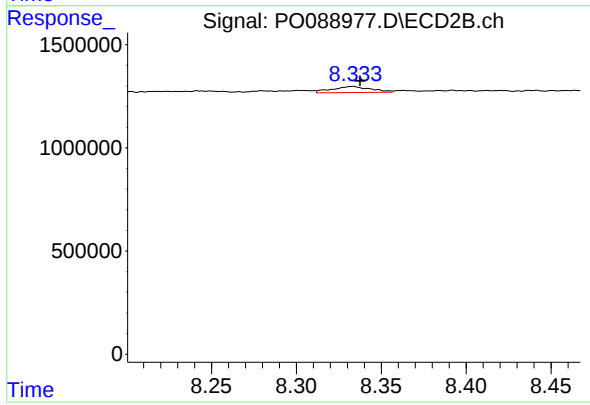
R.T.: 8.046 min
Delta R.T.: -0.004 min
Response: 1413149
Conc: 24.42 ng/ml



#45 AR-1268-5

R.T.: 9.919 min
Delta R.T.: 0.000 min
Response: 786097
Conc: 1.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.333 min
Delta R.T.: -0.004 min
Response: 462741
Conc: 1.13 ng/ml