

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112122\
 Data File : PO090814.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2022 10:47
 Operator : YP/AJ
 Sample : N5641-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 21:20:25 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 28 05:05:44 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...	4.299	3.477	69286039	21942359	21.558	20.646
2)	SA Decachlor...	10.043	8.479	44455059	17572672	18.141	17.062
Target Compounds							
3)	L1 AR-1016-1	5.496	4.588	335643	175291	3.156	4.538 #
4)	L1 AR-1016-2	5.496	4.588	335643	175291	2.203	3.277 #
5)	L1 AR-1016-3	5.567	0.000	100261	0	1.061	N.D. #
6)	L1 AR-1016-4	5.696	4.867f	668847	173230	8.919	6.979
7)	L1 AR-1016-5	5.959	4.958f	661864	384760	8.575	12.525 #
8)	L2 AR-1221-1	4.507	3.681	498954	1139131	13.072	85.264 #
9)	L2 AR-1221-2	4.605	3.774	894227	445160	31.455	43.863 #
10)	L2 AR-1221-3	4.689	3.895	394615	4324304	4.608	139.009 #
11)	L3 AR-1232-1	4.689	3.895	394615	4324304	6.026	181.765 #
12)	L3 AR-1232-2	5.217	4.588	298941	175291	7.776	7.315
13)	L3 AR-1232-3	5.496	0.000	335643	0	5.009	N.D. #
14)	L3 AR-1232-4	5.696	4.867	668847	173230	20.257	14.208 #
15)	L3 AR-1232-5	5.751	4.958f	416888	384760	15.736	28.817 #
16)	L4 AR-1242-1	5.496	4.588	335643	175291	4.057	5.888 #
17)	L4 AR-1242-2	5.496	4.588	335643	175291	2.842	4.310 #
18)	L4 AR-1242-3	5.567	0.000	100261	0	1.347	N.D. #
19)	L4 AR-1242-4	5.696	4.867	668847	173230	11.480	7.305 #
20)	L4 AR-1242-5	6.399	5.368	625142	896767	10.170	31.350 #
21)	L5 AR-1248-1	5.496	4.588	335643	175291	5.307	7.721 #
22)	L5 AR-1248-2	5.751	4.867f	416888	173230	4.402	5.328
23)	L5 AR-1248-3	5.959	4.867	661864	173230	6.714	5.139
24)	L5 AR-1248-4	6.338	4.958f	2649020	384760	24.846	9.949 #
25)	L5 AR-1248-5	6.399	5.368f	625142	896767	5.951	24.767 #
26)	L6 AR-1254-1	6.338	5.368	2649020	896767	22.857	15.224 #
27)	L6 AR-1254-2	6.557	5.514	2428114	423888	13.960	7.911 #
28)	L6 AR-1254-3	6.925	5.920	2368458	809670	13.643	9.769 #
29)	L6 AR-1254-4	7.209	6.149	1100488	328000	8.634	6.604
30)	L6 AR-1254-5	7.652	6.567	3511244	1456968	24.927	19.459
31)	L7 AR-1260-1	7.089	6.050	1103414	422943	7.871	7.025
32)	L7 AR-1260-2	7.338	6.240	4369551	399613	27.009	5.532 #
33)	L7 AR-1260-3	7.708	6.391	734200	345788	6.989	5.189 #
34)	L7 AR-1260-4	7.927	6.865	1073241	171879	8.687	3.379 #
35)	L7 AR-1260-5	8.251	7.109	1258987	290978	5.533	2.505 #
36)	L8 AR-1262-1	7.708	6.604	734200	262356	4.429	3.462
37)	L8 AR-1262-2	8.251	7.109	1258987	290978	4.481	2.269 #
38)	L8 AR-1262-3	8.570	7.454f	784701	118040	3.996	2.168 #
39)	L8 AR-1262-4	8.652	7.460	338505	209626	3.479	2.158 #
40)	L8 AR-1262-5	9.282	7.952	464050	152773	4.404	3.219 #
41)	L9 AR-1268-1	8.570	7.454f	784701	118040	2.251	0.749 #

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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	8.652	7.460	338505	209626	1.085	1.494 #
44) L9	AR-1268-4	9.282	7.952	464050	152773	3.983	2.813 #

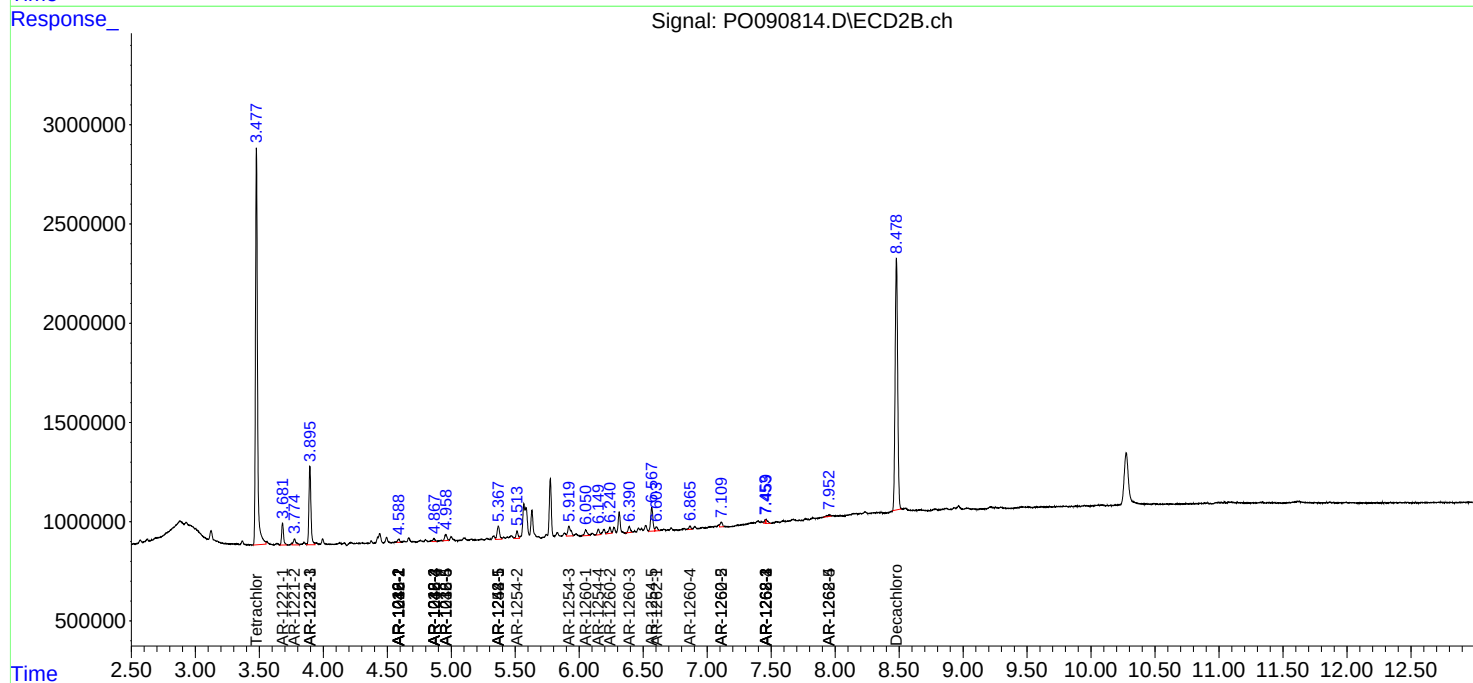
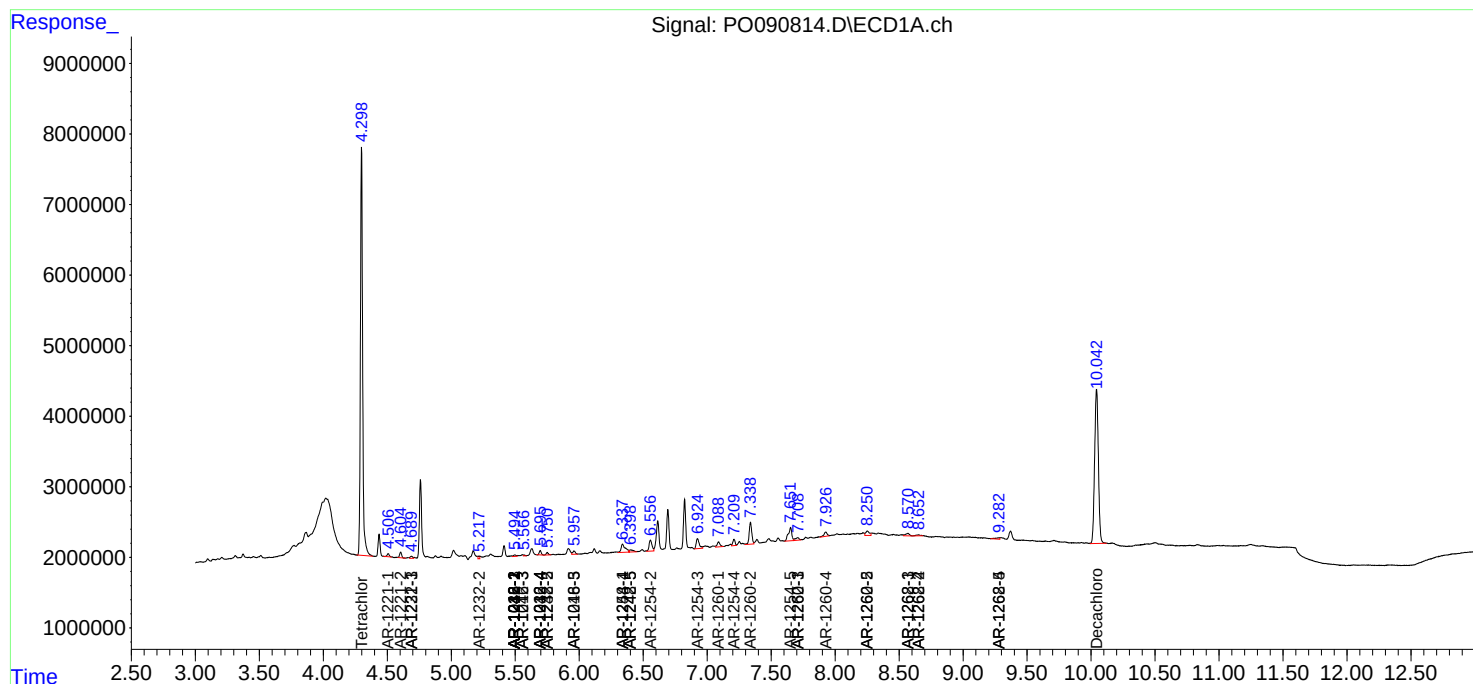
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

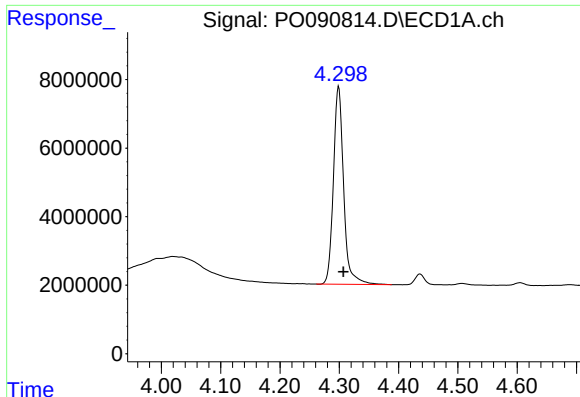
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

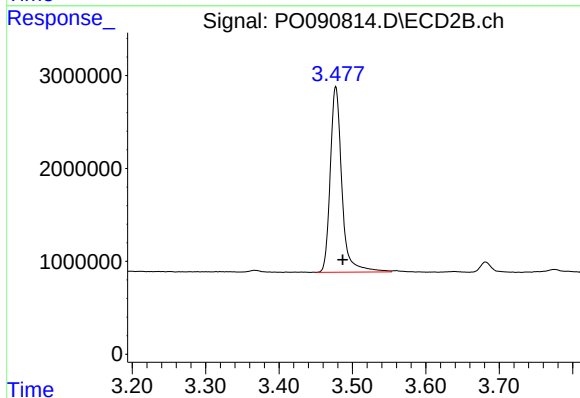




#1 Tetrachloro-m-xylene

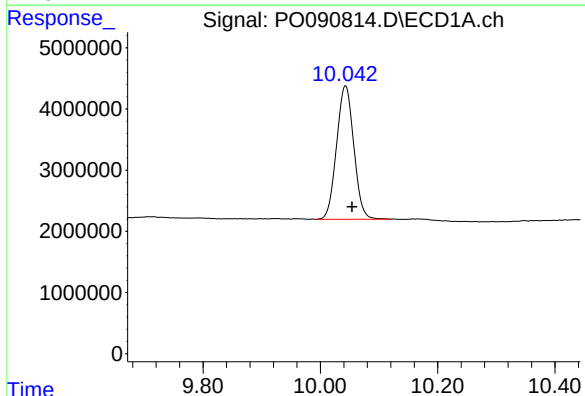
R.T.: 4.299 min
Delta R.T.: -0.008 min
Response: 69286039
Conc: 21.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



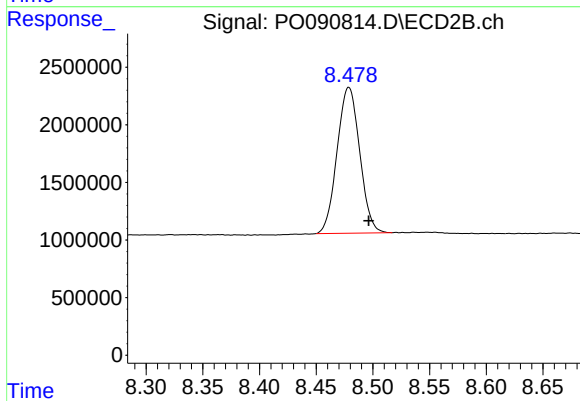
#1 Tetrachloro-m-xylene

R.T.: 3.477 min
Delta R.T.: -0.009 min
Response: 21942359
Conc: 20.65 ng/ml



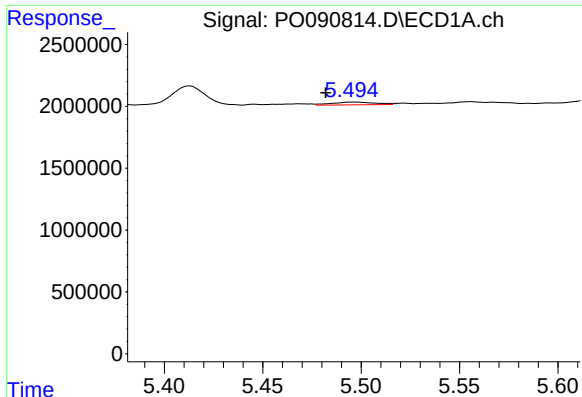
#2 Decachlorobiphenyl

R.T.: 10.043 min
Delta R.T.: -0.011 min
Response: 44455059
Conc: 18.14 ng/ml



#2 Decachlorobiphenyl

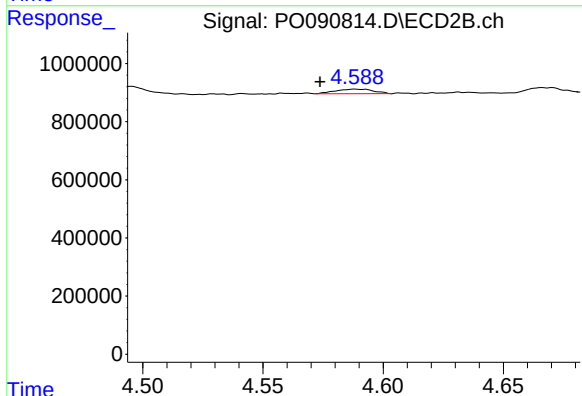
R.T.: 8.479 min
Delta R.T.: -0.018 min
Response: 17572672
Conc: 17.06 ng/ml



#3 AR-1016-1

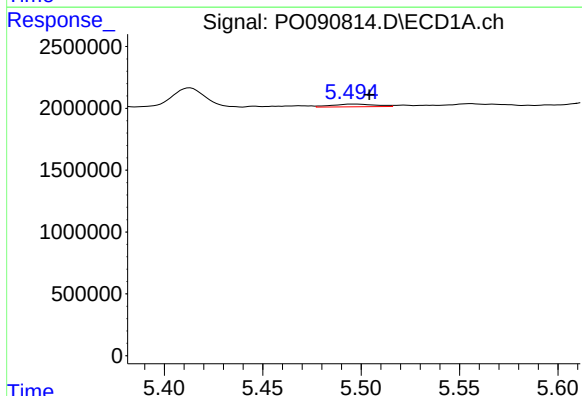
R.T.: 5.496 min
Delta R.T.: 0.014 min
Response: 335643
Conc: 3.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



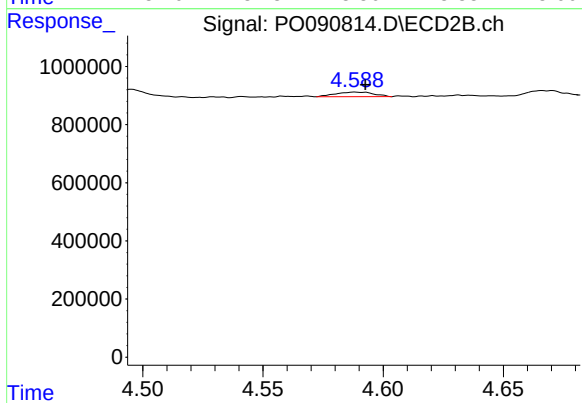
#3 AR-1016-1

R.T.: 4.588 min
Delta R.T.: 0.015 min
Response: 175291
Conc: 4.54 ng/ml



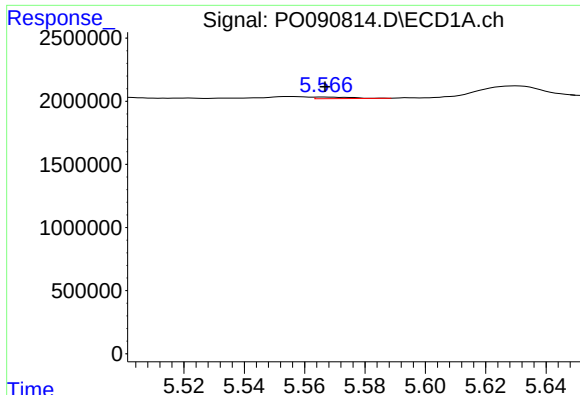
#4 AR-1016-2

R.T.: 5.496 min
Delta R.T.: -0.009 min
Response: 335643
Conc: 2.20 ng/ml



#4 AR-1016-2

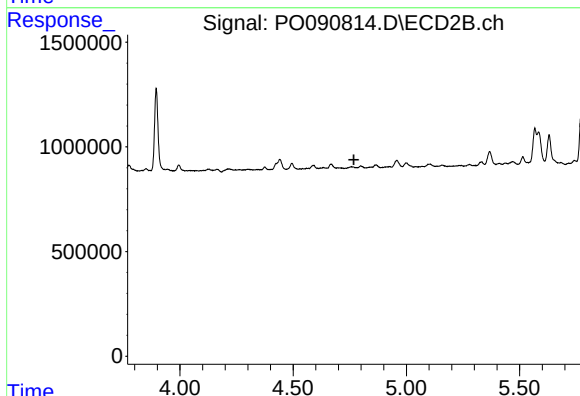
R.T.: 4.588 min
Delta R.T.: -0.004 min
Response: 175291
Conc: 3.28 ng/ml



#5 AR-1016-3

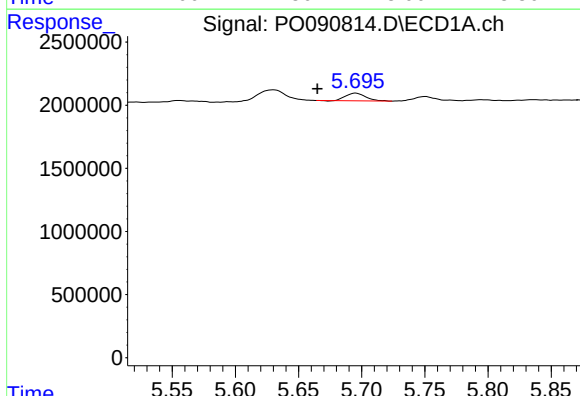
R.T.: 5.567 min
Delta R.T.: 0.000 min
Response: 100261
Conc: 1.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



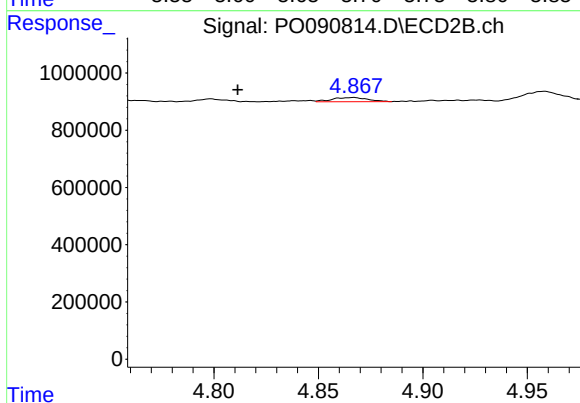
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.768 min
Response: 0
Conc: N.D.



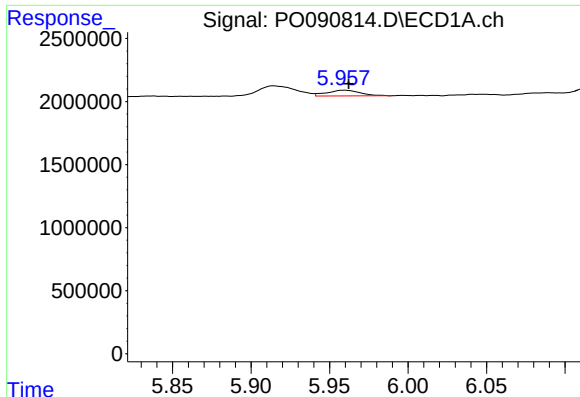
#6 AR-1016-4

R.T.: 5.696 min
Delta R.T.: 0.030 min
Response: 668847
Conc: 8.92 ng/ml



#6 AR-1016-4

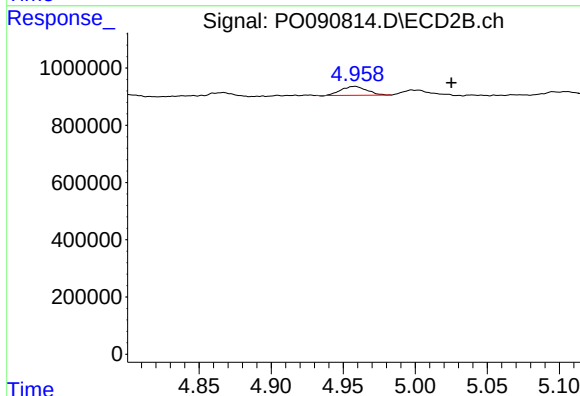
R.T.: 4.867 min
Delta R.T.: 0.056 min
Response: 173230
Conc: 6.98 ng/ml



#7 AR-1016-5

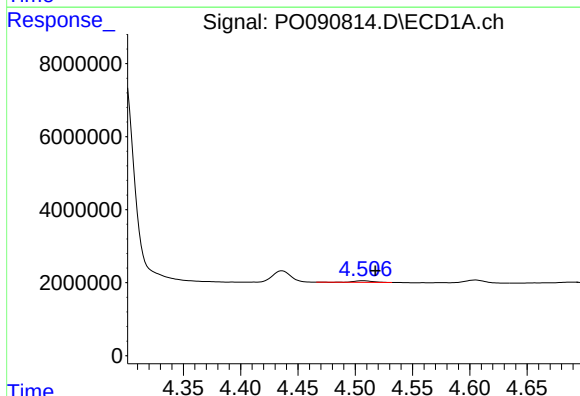
R.T.: 5.959 min
Delta R.T.: -0.003 min
Response: 661864
Conc: 8.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



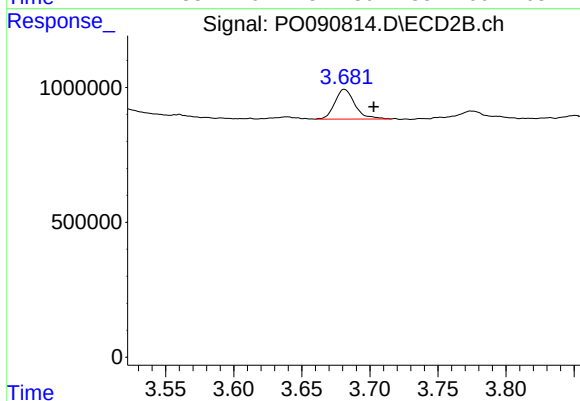
#7 AR-1016-5

R.T.: 4.958 min
Delta R.T.: -0.067 min
Response: 384760
Conc: 12.53 ng/ml



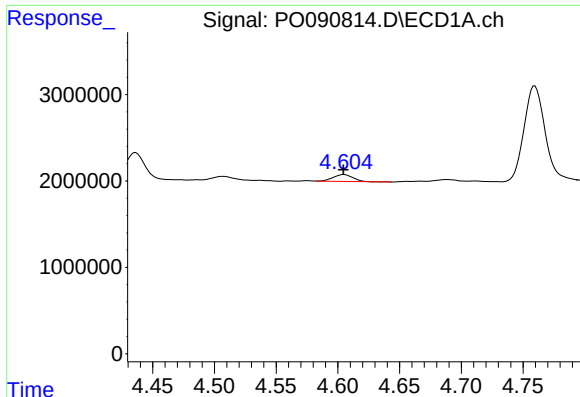
#8 AR-1221-1

R.T.: 4.507 min
Delta R.T.: -0.011 min
Response: 498954
Conc: 13.07 ng/ml



#8 AR-1221-1

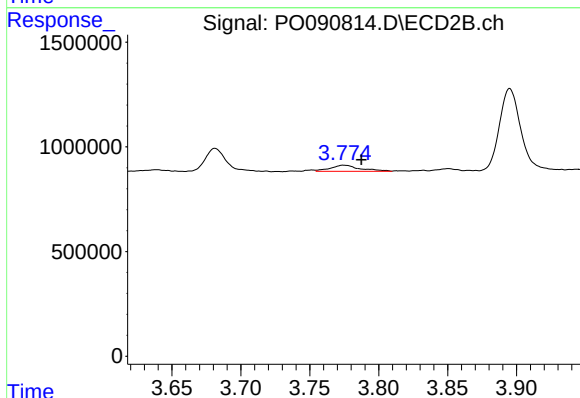
R.T.: 3.681 min
Delta R.T.: -0.022 min
Response: 1139131
Conc: 85.26 ng/ml



#9 AR-1221-2

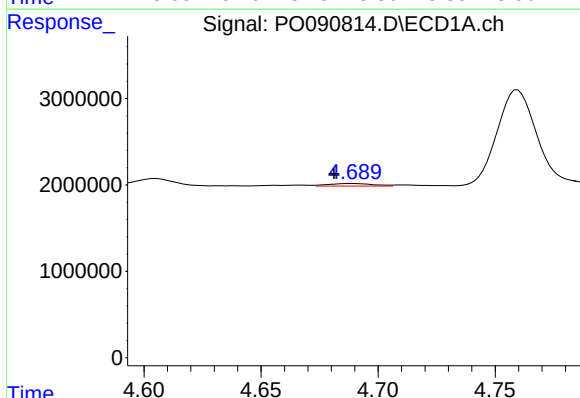
R.T.: 4.605 min
Delta R.T.: 0.000 min
Response: 894227
Conc: 31.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



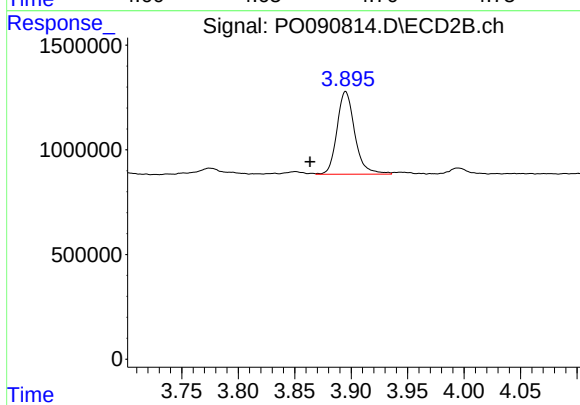
#9 AR-1221-2

R.T.: 3.774 min
Delta R.T.: -0.013 min
Response: 445160
Conc: 43.86 ng/ml



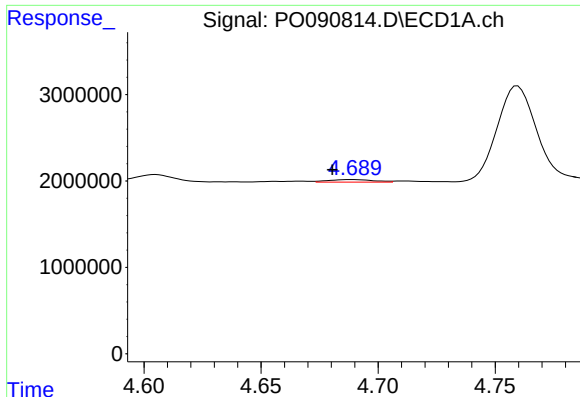
#10 AR-1221-3

R.T.: 4.689 min
Delta R.T.: 0.008 min
Response: 394615
Conc: 4.61 ng/ml



#10 AR-1221-3

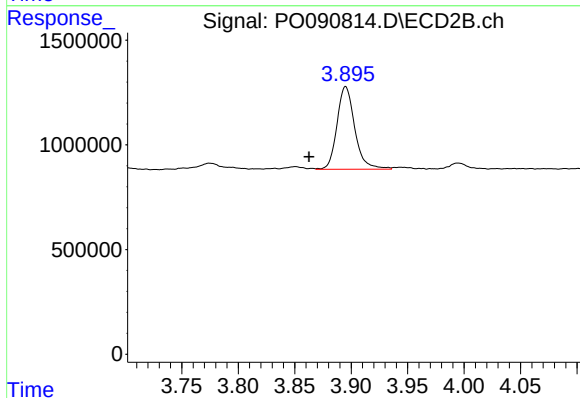
R.T.: 3.895 min
Delta R.T.: 0.032 min
Response: 4324304
Conc: 139.01 ng/ml



#11 AR-1232-1

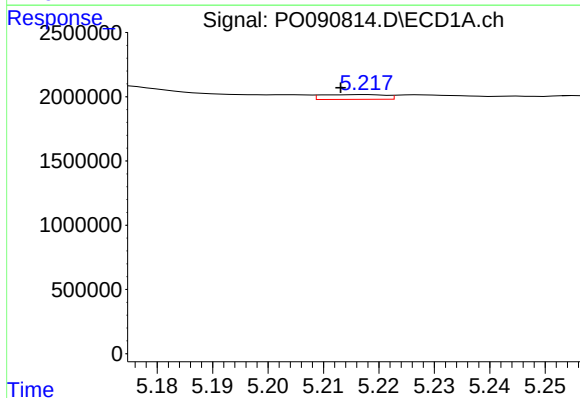
R.T.: 4.689 min
Delta R.T.: 0.008 min
Response: 394615
Conc: 6.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



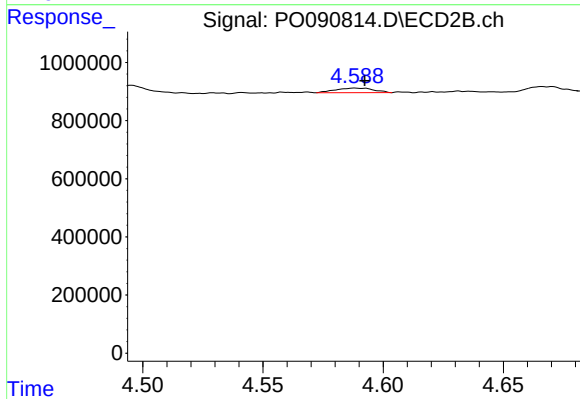
#11 AR-1232-1

R.T.: 3.895 min
Delta R.T.: 0.032 min
Response: 4324304
Conc: 181.77 ng/ml



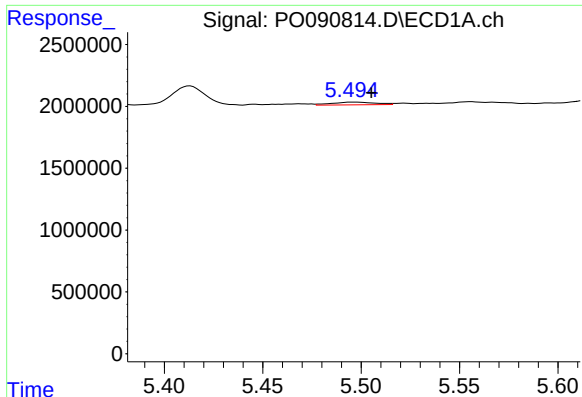
#12 AR-1232-2

R.T.: 5.217 min
Delta R.T.: 0.004 min
Response: 298941
Conc: 7.78 ng/ml



#12 AR-1232-2

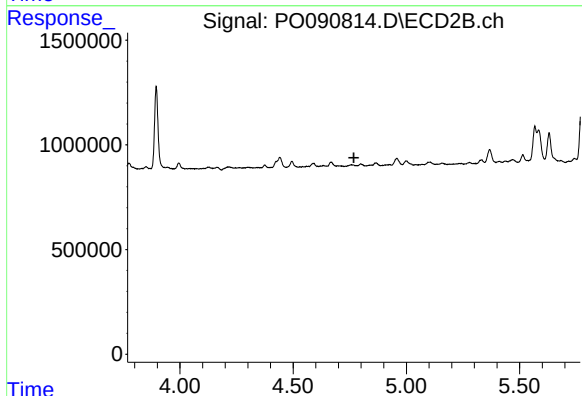
R.T.: 4.588 min
Delta R.T.: -0.004 min
Response: 175291
Conc: 7.31 ng/ml



#13 AR-1232-3

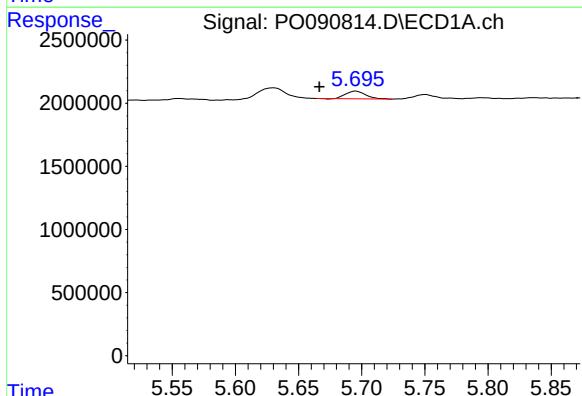
R.T.: 5.496 min
Delta R.T.: -0.010 min
Response: 335643
Conc: 5.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



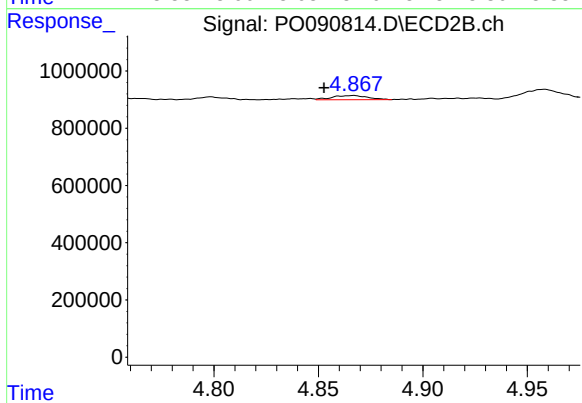
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.768 min
Response: 0
Conc: N.D.



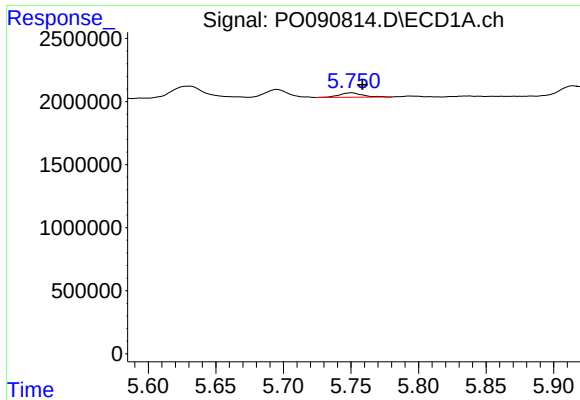
#14 AR-1232-4

R.T.: 5.696 min
Delta R.T.: 0.029 min
Response: 668847
Conc: 20.26 ng/ml



#14 AR-1232-4

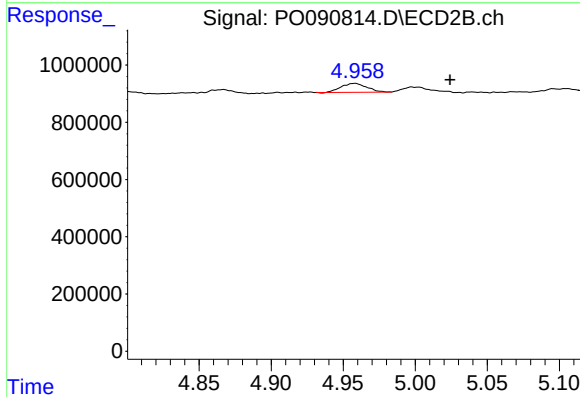
R.T.: 4.867 min
Delta R.T.: 0.014 min
Response: 173230
Conc: 14.21 ng/ml



#15 AR-1232-5

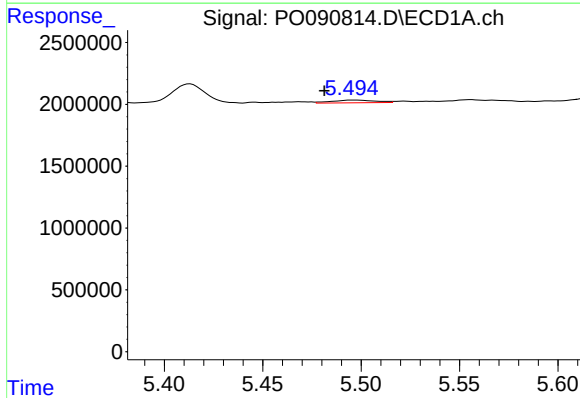
R.T.: 5.751 min
Delta R.T.: -0.008 min
Response: 416888
Conc: 15.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



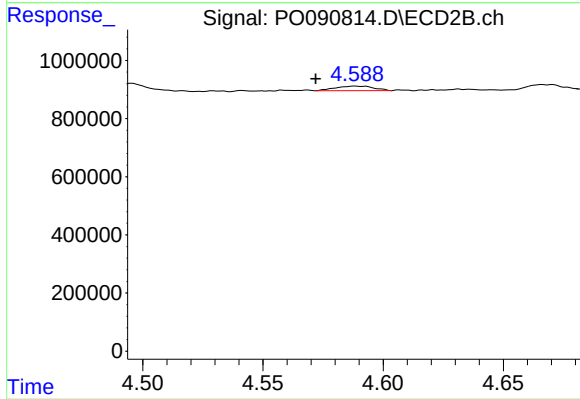
#15 AR-1232-5

R.T.: 4.958 min
Delta R.T.: -0.066 min
Response: 384760
Conc: 28.82 ng/ml



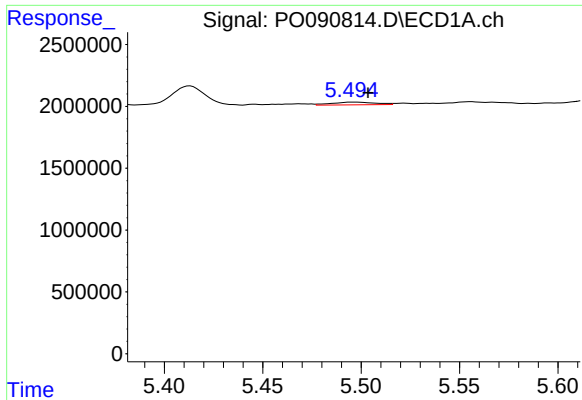
#16 AR-1242-1

R.T.: 5.496 min
Delta R.T.: 0.014 min
Response: 335643
Conc: 4.06 ng/ml



#16 AR-1242-1

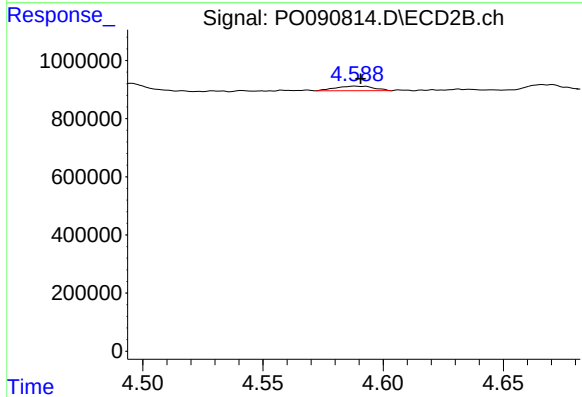
R.T.: 4.588 min
Delta R.T.: 0.016 min
Response: 175291
Conc: 5.89 ng/ml



#17 AR-1242-2

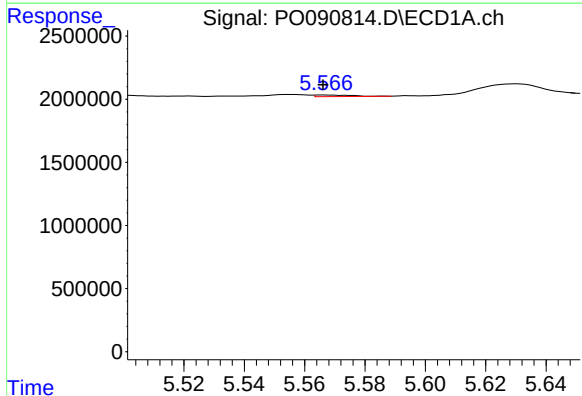
R.T.: 5.496 min
Delta R.T.: -0.008 min
Response: 335643
Conc: 2.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



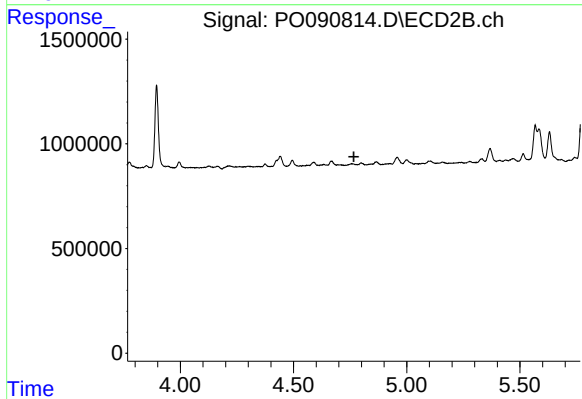
#17 AR-1242-2

R.T.: 4.588 min
Delta R.T.: -0.002 min
Response: 175291
Conc: 4.31 ng/ml



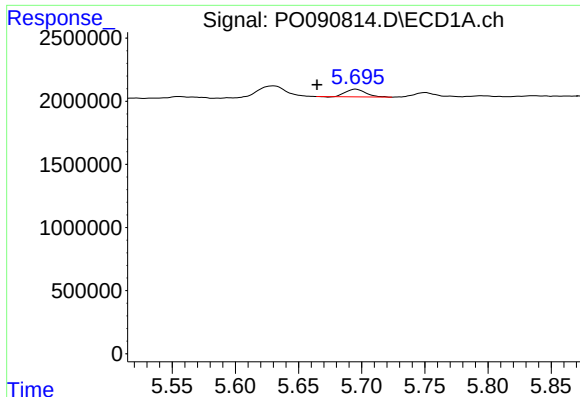
#18 AR-1242-3

R.T.: 5.567 min
Delta R.T.: 0.000 min
Response: 100261
Conc: 1.35 ng/ml



#18 AR-1242-3

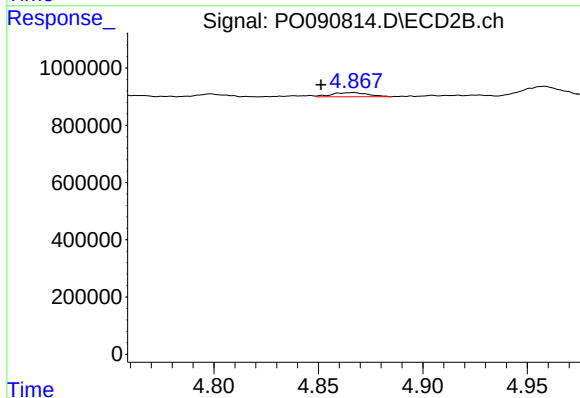
R.T.: 0.000 min
Exp R.T.: 4.766 min
Response: 0
Conc: N.D.



#19 AR-1242-4

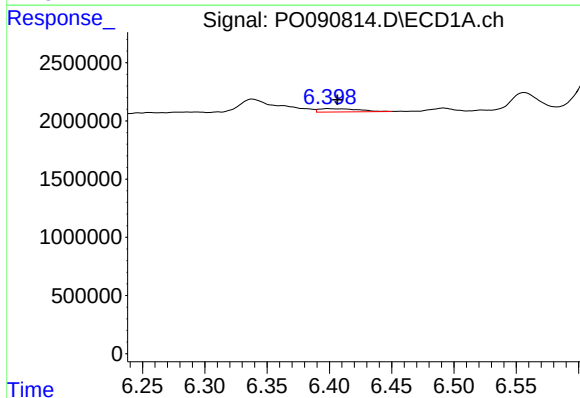
R.T.: 5.696 min
Delta R.T.: 0.031 min
Response: 668847
Conc: 11.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



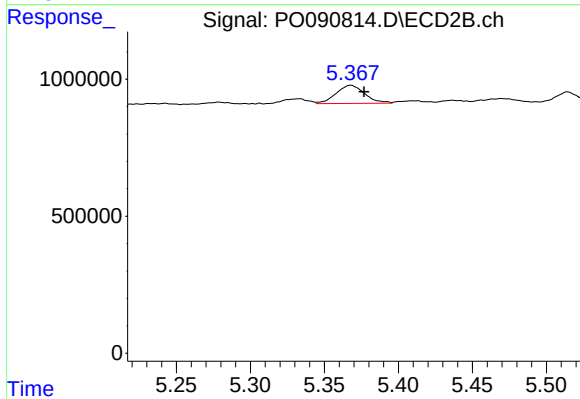
#19 AR-1242-4

R.T.: 4.867 min
Delta R.T.: 0.016 min
Response: 173230
Conc: 7.31 ng/ml



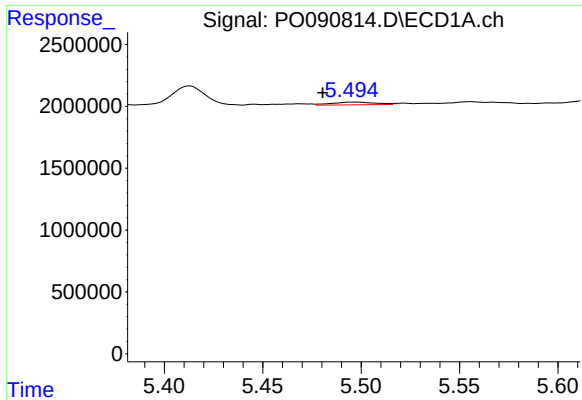
#20 AR-1242-5

R.T.: 6.399 min
Delta R.T.: -0.007 min
Response: 625142
Conc: 10.17 ng/ml



#20 AR-1242-5

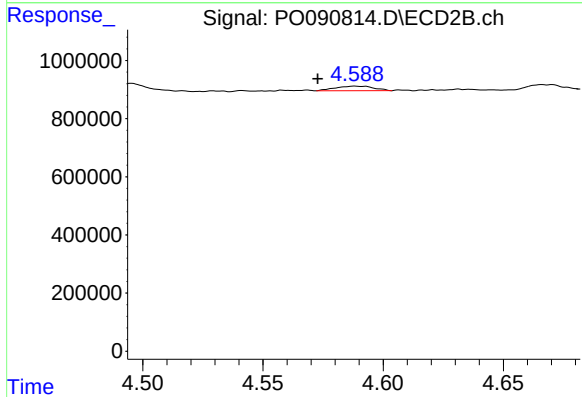
R.T.: 5.368 min
Delta R.T.: -0.009 min
Response: 896767
Conc: 31.35 ng/ml



#21 AR-1248-1

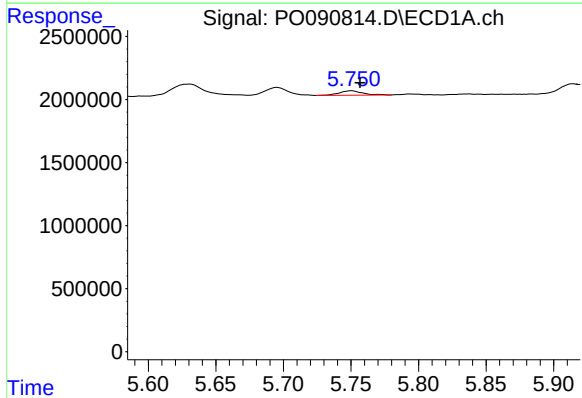
R.T.: 5.496 min
Delta R.T.: 0.015 min
Response: 335643
Conc: 5.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



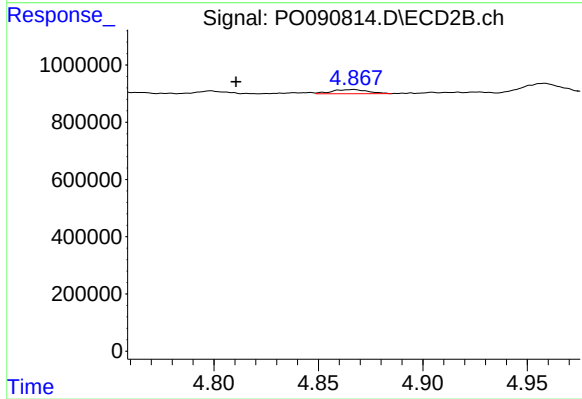
#21 AR-1248-1

R.T.: 4.588 min
Delta R.T.: 0.016 min
Response: 175291
Conc: 7.72 ng/ml



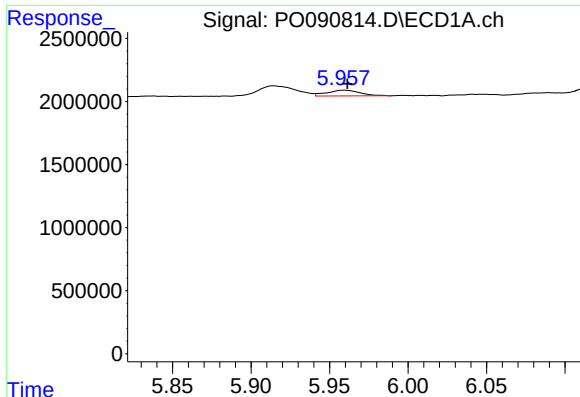
#22 AR-1248-2

R.T.: 5.751 min
Delta R.T.: -0.006 min
Response: 416888
Conc: 4.40 ng/ml



#22 AR-1248-2

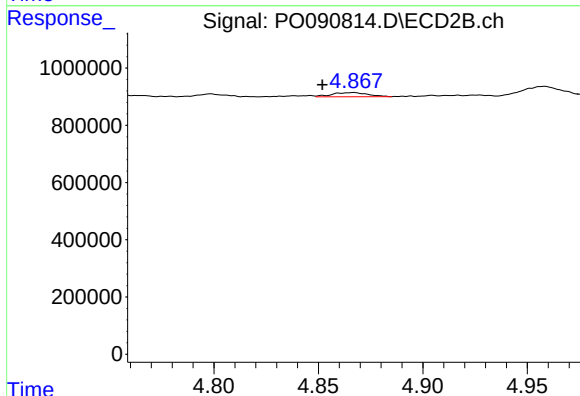
R.T.: 4.867 min
Delta R.T.: 0.056 min
Response: 173230
Conc: 5.33 ng/ml



#23 AR-1248-3

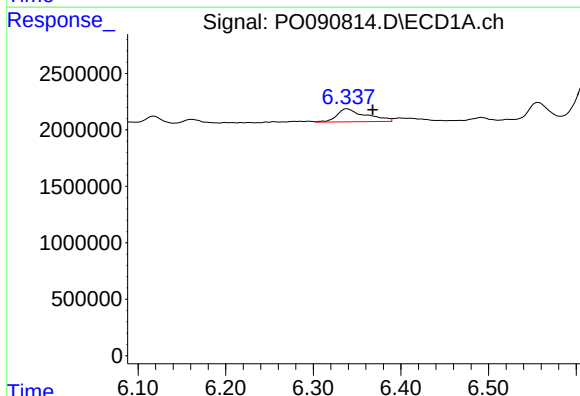
R.T.: 5.959 min
Delta R.T.: -0.002 min
Response: 661864
Conc: 6.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



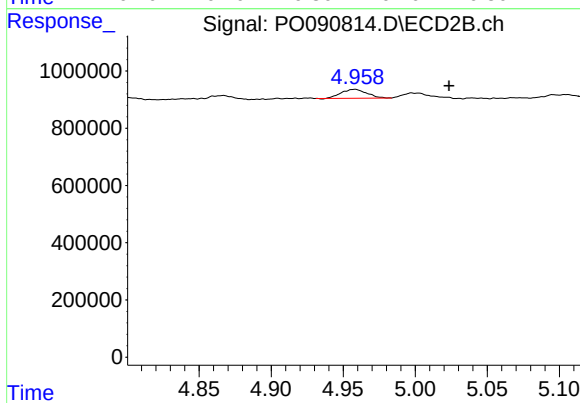
#23 AR-1248-3

R.T.: 4.867 min
Delta R.T.: 0.015 min
Response: 173230
Conc: 5.14 ng/ml



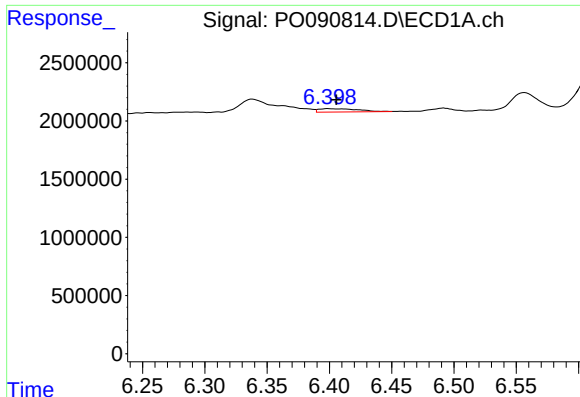
#24 AR-1248-4

R.T.: 6.338 min
Delta R.T.: -0.029 min
Response: 2649020
Conc: 24.85 ng/ml



#24 AR-1248-4

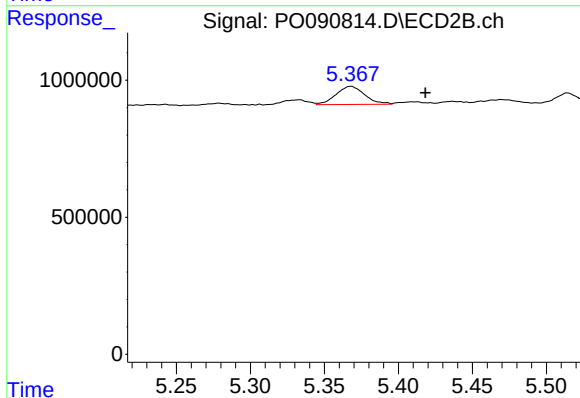
R.T.: 4.958 min
Delta R.T.: -0.065 min
Response: 384760
Conc: 9.95 ng/ml



#25 AR-1248-5

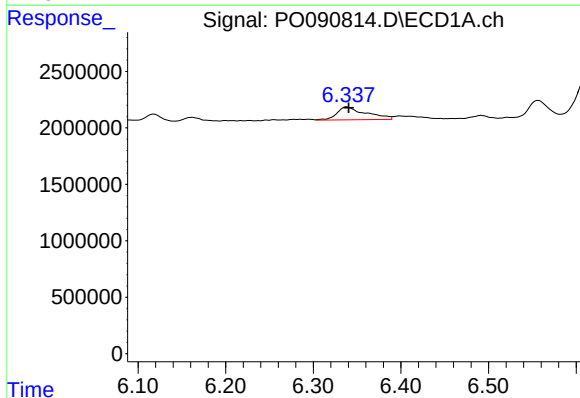
R.T.: 6.399 min
Delta R.T.: -0.007 min
Response: 625142
Conc: 5.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



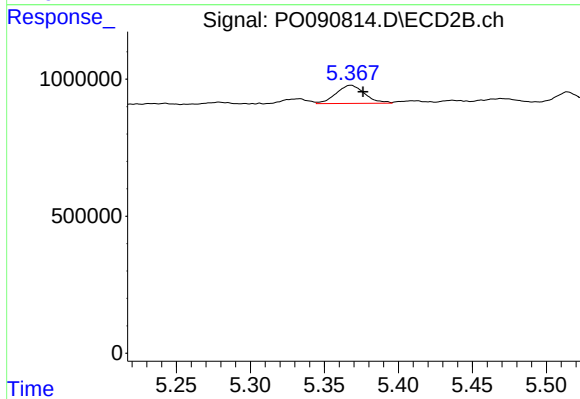
#25 AR-1248-5

R.T.: 5.368 min
Delta R.T.: -0.050 min
Response: 896767
Conc: 24.77 ng/ml



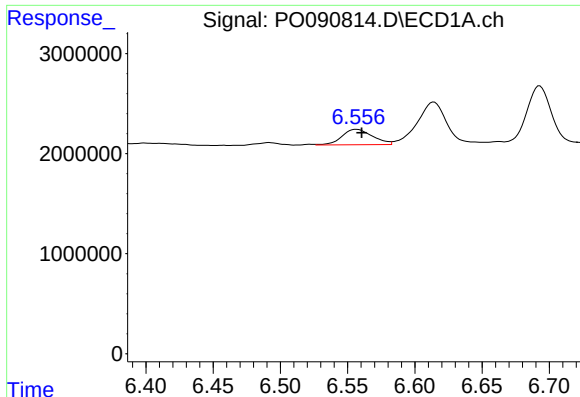
#26 AR-1254-1

R.T.: 6.338 min
Delta R.T.: -0.002 min
Response: 2649020
Conc: 22.86 ng/ml



#26 AR-1254-1

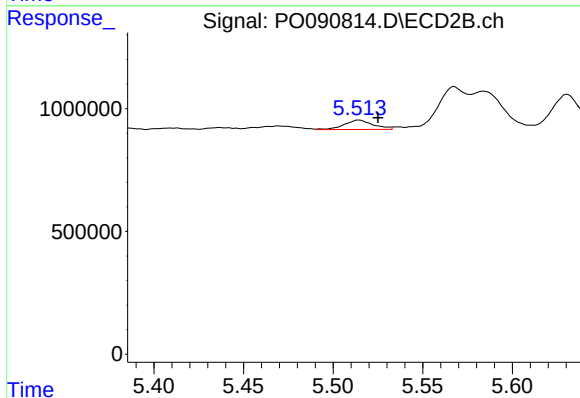
R.T.: 5.368 min
Delta R.T.: -0.008 min
Response: 896767
Conc: 15.22 ng/ml



#27 AR-1254-2

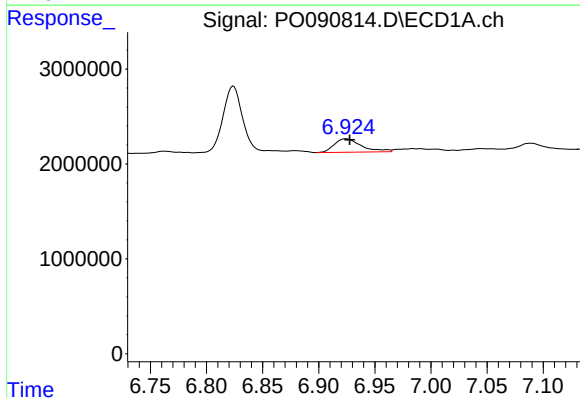
R.T.: 6.557 min
Delta R.T.: -0.004 min
Response: 2428114
Conc: 13.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



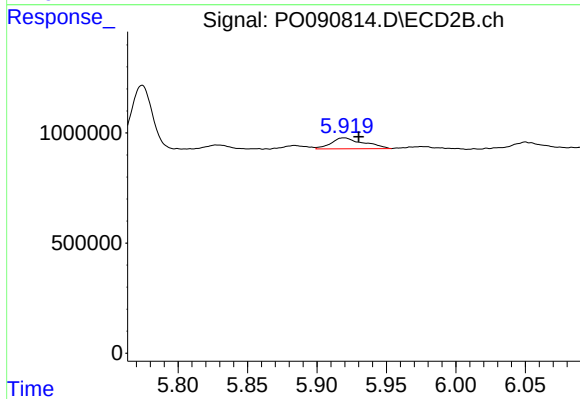
#27 AR-1254-2

R.T.: 5.514 min
Delta R.T.: -0.011 min
Response: 423888
Conc: 7.91 ng/ml



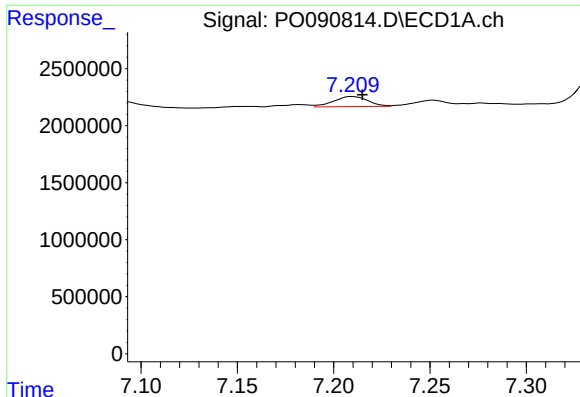
#28 AR-1254-3

R.T.: 6.925 min
Delta R.T.: -0.003 min
Response: 2368458
Conc: 13.64 ng/ml



#28 AR-1254-3

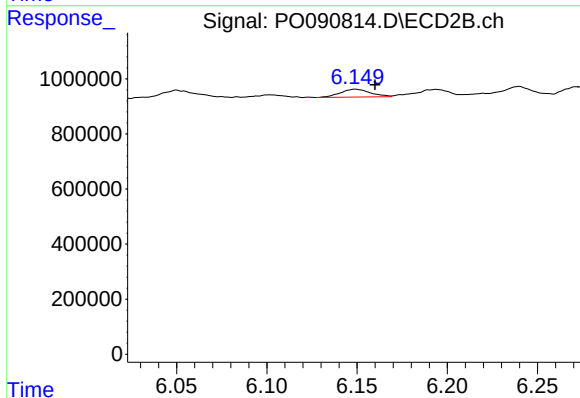
R.T.: 5.920 min
Delta R.T.: -0.010 min
Response: 809670
Conc: 9.77 ng/ml



#29 AR-1254-4

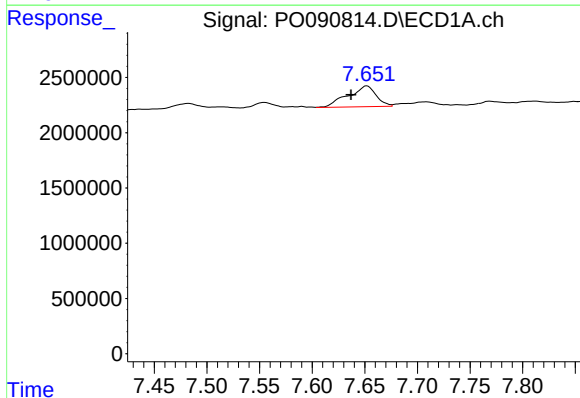
R.T.: 7.209 min
Delta R.T.: -0.005 min
Response: 1100488
Conc: 8.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



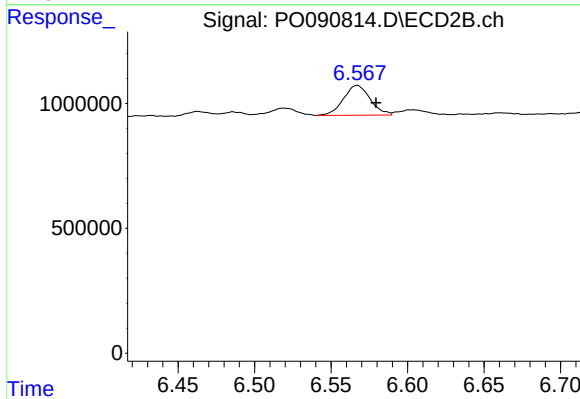
#29 AR-1254-4

R.T.: 6.149 min
Delta R.T.: -0.011 min
Response: 328000
Conc: 6.60 ng/ml



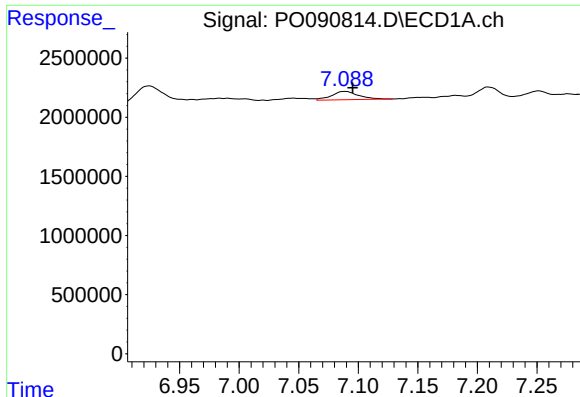
#30 AR-1254-5

R.T.: 7.652 min
Delta R.T.: 0.015 min
Response: 3511244
Conc: 24.93 ng/ml



#30 AR-1254-5

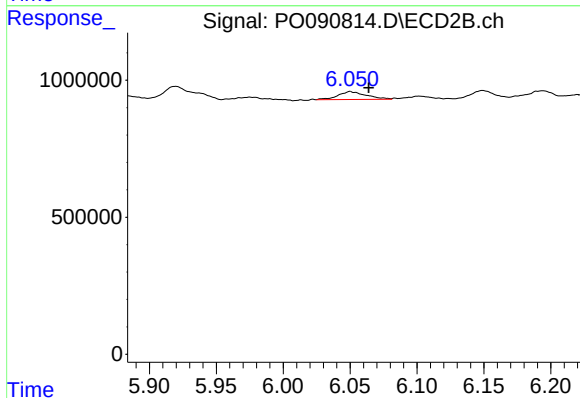
R.T.: 6.567 min
Delta R.T.: -0.012 min
Response: 1456968
Conc: 19.46 ng/ml



#31 AR-1260-1

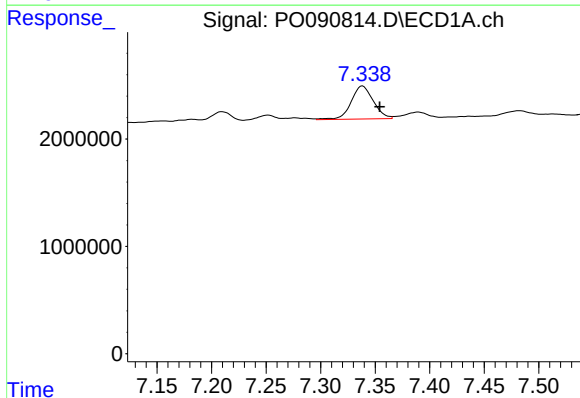
R.T.: 7.089 min
Delta R.T.: -0.006 min
Response: 1103414
Conc: 7.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



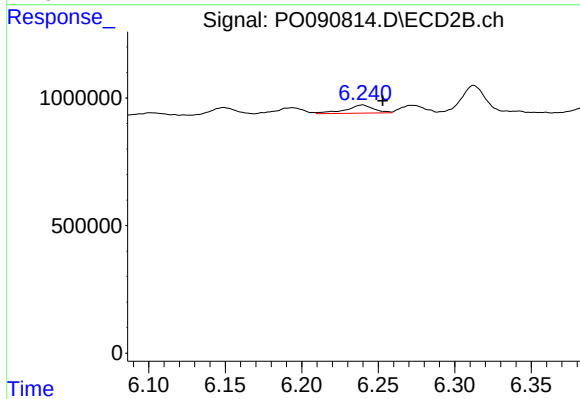
#31 AR-1260-1

R.T.: 6.050 min
Delta R.T.: -0.014 min
Response: 422943
Conc: 7.03 ng/ml



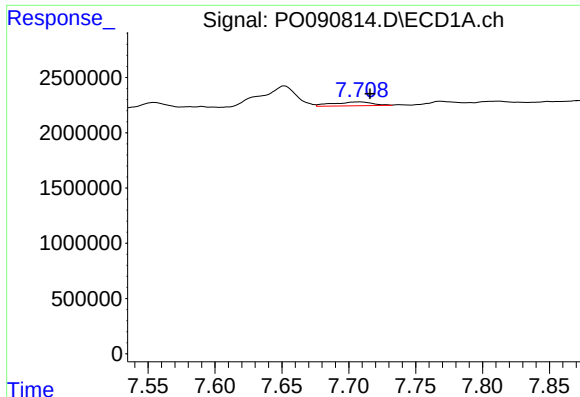
#32 AR-1260-2

R.T.: 7.338 min
Delta R.T.: -0.016 min
Response: 4369551
Conc: 27.01 ng/ml



#32 AR-1260-2

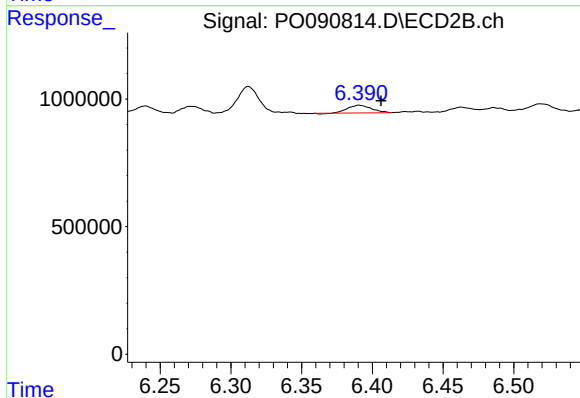
R.T.: 6.240 min
Delta R.T.: -0.013 min
Response: 399613
Conc: 5.53 ng/ml



#33 AR-1260-3

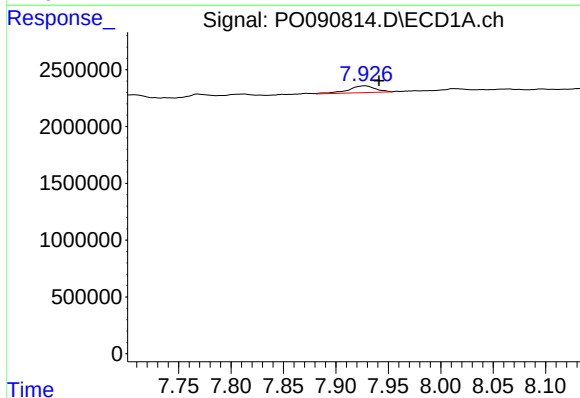
R.T.: 7.708 min
Delta R.T.: -0.008 min
Response: 734200
Conc: 6.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



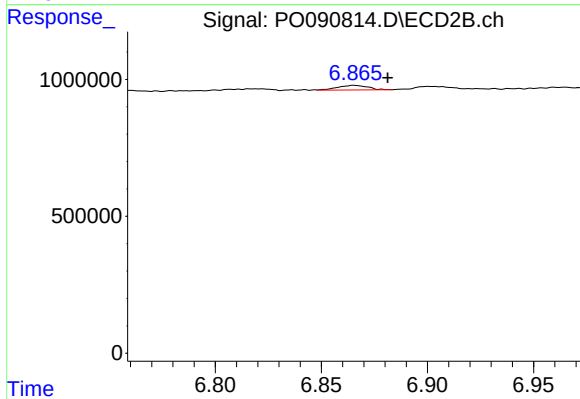
#33 AR-1260-3

R.T.: 6.391 min
Delta R.T.: -0.016 min
Response: 345788
Conc: 5.19 ng/ml



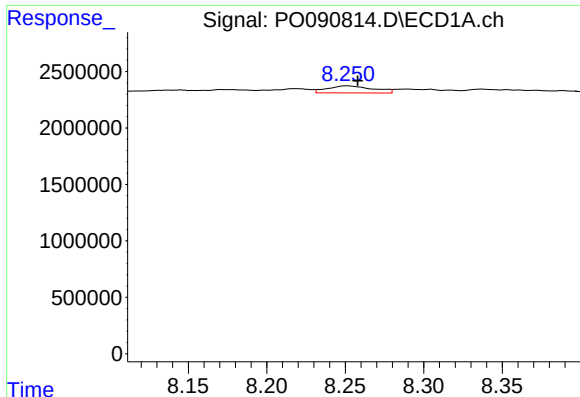
#34 AR-1260-4

R.T.: 7.927 min
Delta R.T.: -0.014 min
Response: 1073241
Conc: 8.69 ng/ml



#34 AR-1260-4

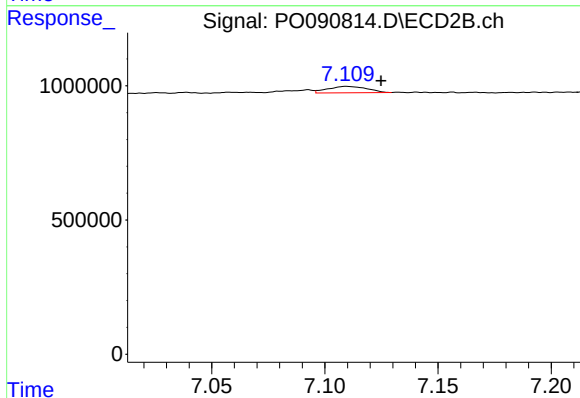
R.T.: 6.865 min
Delta R.T.: -0.016 min
Response: 171879
Conc: 3.38 ng/ml



#35 AR-1260-5

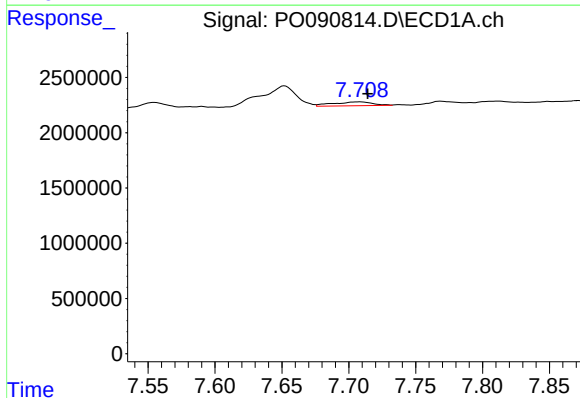
R.T.: 8.251 min
Delta R.T.: -0.007 min
Response: 1258987
Conc: 5.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



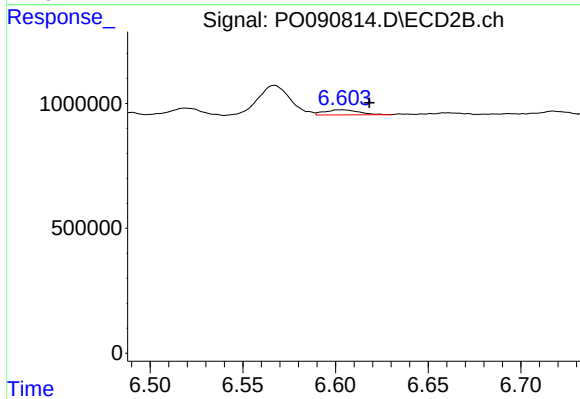
#35 AR-1260-5

R.T.: 7.109 min
Delta R.T.: -0.016 min
Response: 290978
Conc: 2.51 ng/ml



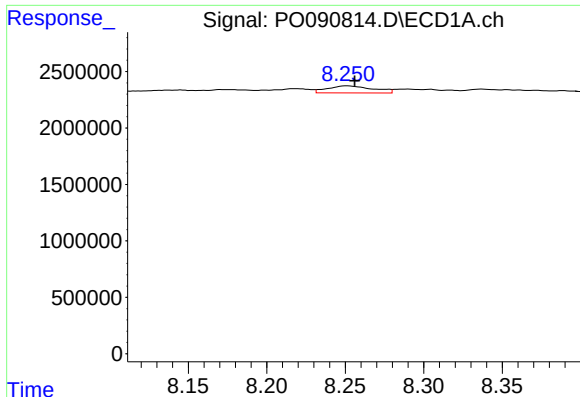
#36 AR-1262-1

R.T.: 7.708 min
Delta R.T.: -0.006 min
Response: 734200
Conc: 4.43 ng/ml



#36 AR-1262-1

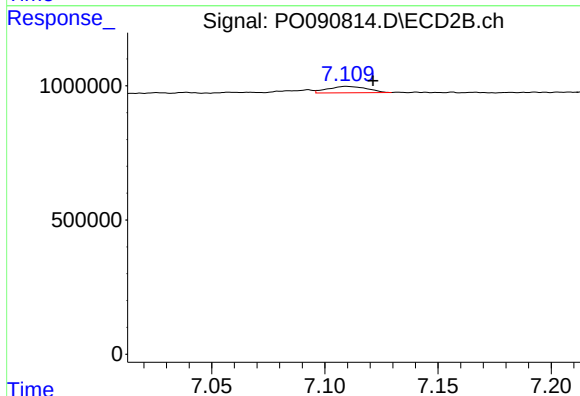
R.T.: 6.604 min
Delta R.T.: -0.015 min
Response: 262356
Conc: 3.46 ng/ml



#37 AR-1262-2

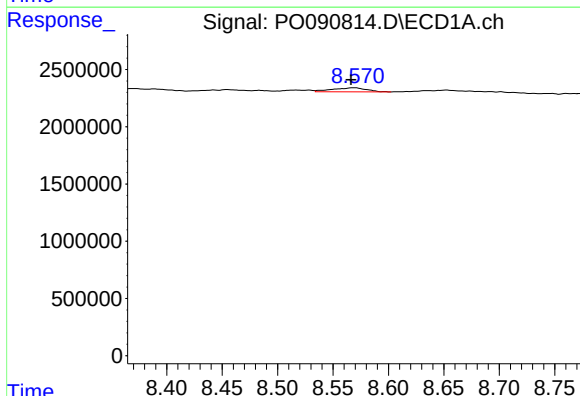
R.T.: 8.251 min
Delta R.T.: -0.005 min
Response: 1258987
Conc: 4.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



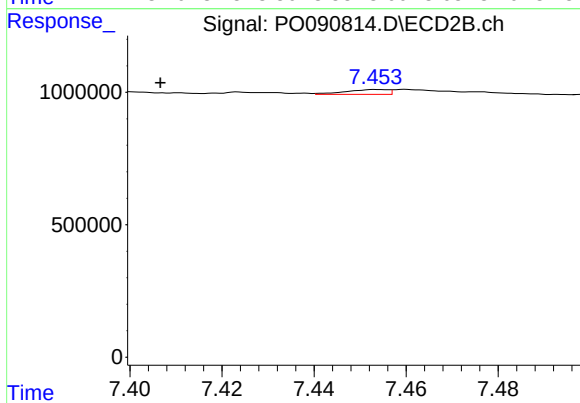
#37 AR-1262-2

R.T.: 7.109 min
Delta R.T.: -0.012 min
Response: 290978
Conc: 2.27 ng/ml



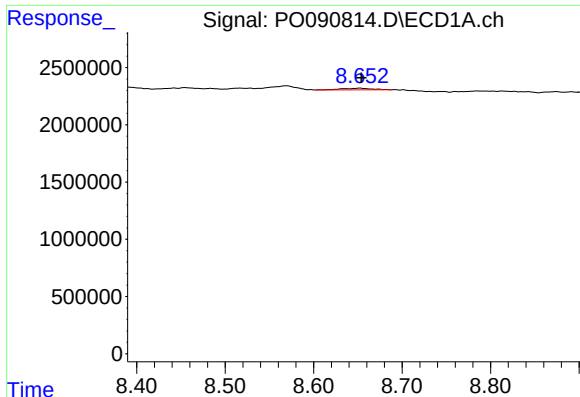
#38 AR-1262-3

R.T.: 8.570 min
Delta R.T.: 0.003 min
Response: 784701
Conc: 4.00 ng/ml



#38 AR-1262-3

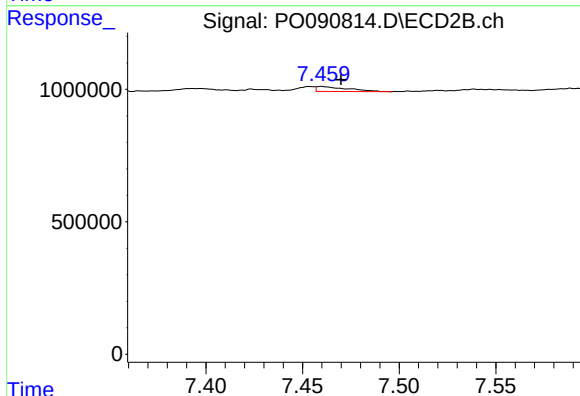
R.T.: 7.454 min
Delta R.T.: 0.047 min
Response: 118040
Conc: 2.17 ng/ml



#39 AR-1262-4

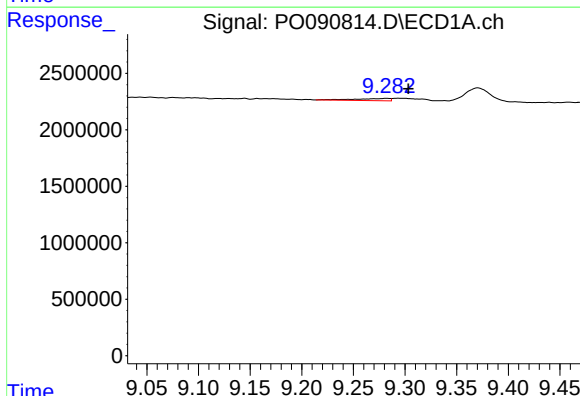
R.T.: 8.652 min
Delta R.T.: -0.002 min
Response: 338505
Conc: 3.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



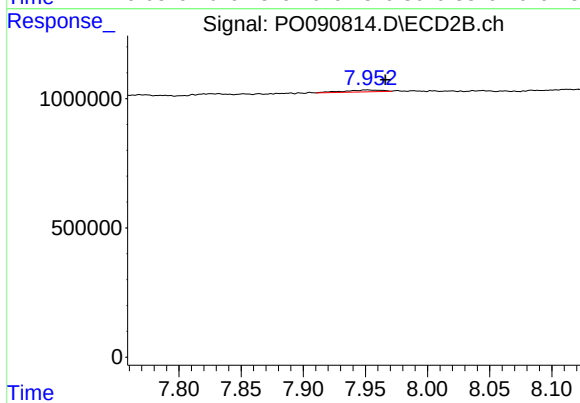
#39 AR-1262-4

R.T.: 7.460 min
Delta R.T.: -0.010 min
Response: 209626
Conc: 2.16 ng/ml



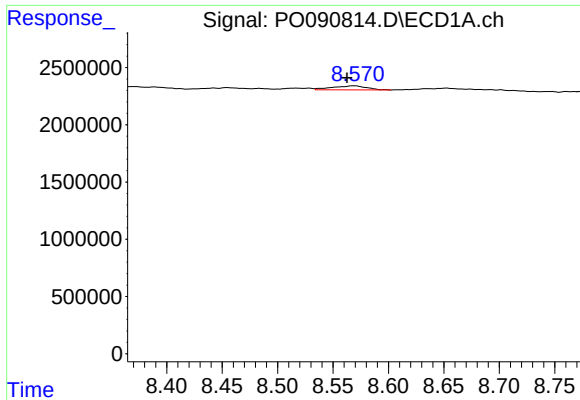
#40 AR-1262-5

R.T.: 9.282 min
Delta R.T.: -0.021 min
Response: 464050
Conc: 4.40 ng/ml



#40 AR-1262-5

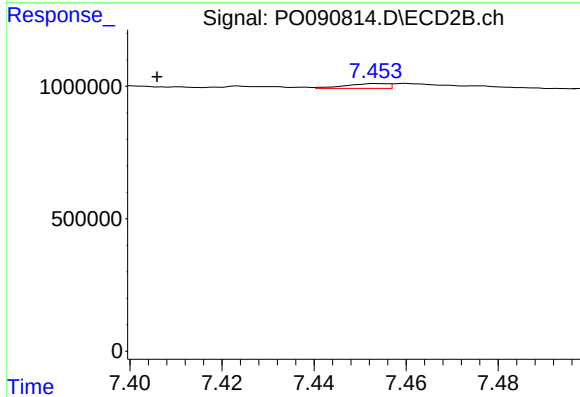
R.T.: 7.952 min
Delta R.T.: -0.014 min
Response: 152773
Conc: 3.22 ng/ml



#41 AR-1268-1

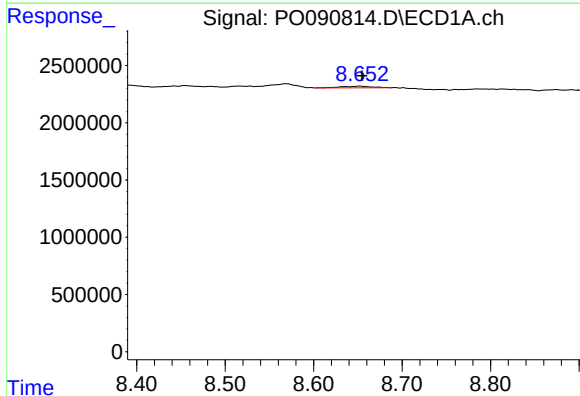
R.T.: 8.570 min
Delta R.T.: 0.007 min
Response: 784701
Conc: 2.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



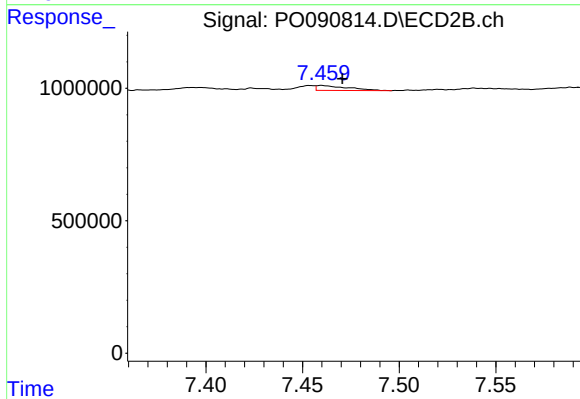
#41 AR-1268-1

R.T.: 7.454 min
Delta R.T.: 0.048 min
Response: 118040
Conc: 0.75 ng/ml



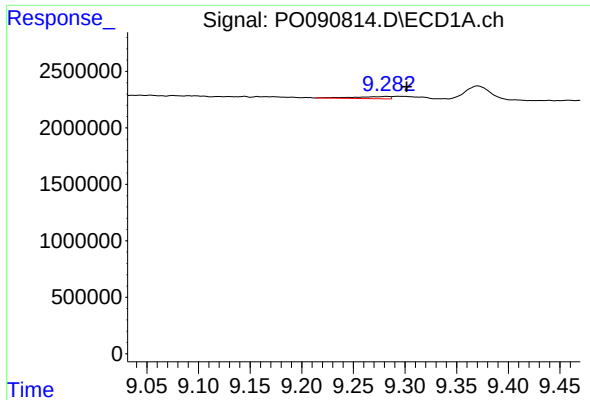
#42 AR-1268-2

R.T.: 8.652 min
Delta R.T.: -0.002 min
Response: 338505
Conc: 1.09 ng/ml



#42 AR-1268-2

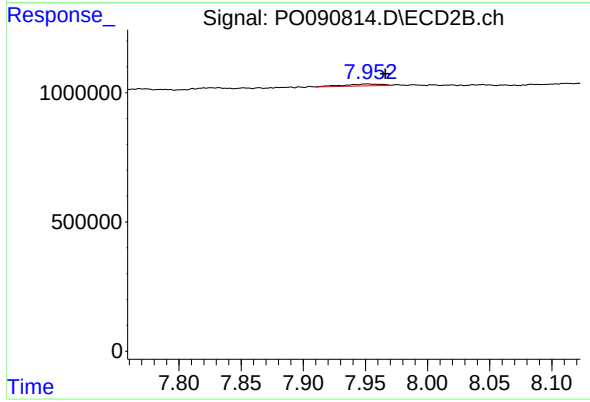
R.T.: 7.460 min
Delta R.T.: -0.011 min
Response: 209626
Conc: 1.49 ng/ml



#44 AR-1268-4

R.T.: 9.282 min
Delta R.T.: -0.019 min
Response: 464050
Conc: 3.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



#44 AR-1268-4

R.T.: 7.952 min
Delta R.T.: -0.014 min
Response: 152773
Conc: 2.81 ng/ml