

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0060223\
 Data File : P0095439.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2023 15:27
 Operator : YP/AJ
 Sample : 03010-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 07:44:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0060123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 02 06:53:15 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...	4.439	3.656	72099763	33048996	19.563	21.070
2)	SA Decachlor...	10.286	8.717	68929101	34586447	25.468	26.735
Target Compounds							
3)	L1 AR-1016-1	5.604	4.812f	354240	561841	2.923	9.649 #
4)	L1 AR-1016-2	5.645	4.812f	272784	561841	1.624	7.328 #
5)	L1 AR-1016-3	5.695	4.954	1815456	163748	17.261	3.944 #
6)	L1 AR-1016-4	5.769	4.954f	1161260	163748	13.939	4.644 #
7)	L1 AR-1016-5	6.109	5.196	410312	457885	4.960	10.292 #
8)	L2 AR-1221-1	4.649	0.000	916287	0	19.895	N.D. #
9)	L2 AR-1221-2	4.748	3.959	1103559	484143	32.121	31.186
10)	L2 AR-1221-3	4.831	4.078f	263662	205155	2.597	4.418 #
11)	L3 AR-1232-1	4.831	4.078f	263662	205155	3.595	6.108 #
12)	L3 AR-1232-2	5.346	4.812f	170766	561841	4.156	16.600 #
13)	L3 AR-1232-3	5.645	4.954	272784	163748	3.691	8.783 #
14)	L3 AR-1232-4	5.769	0.000	1161260	0	31.356	N.D. #
15)	L3 AR-1232-5	5.902	5.196	201109	457885	6.553	23.259 #
16)	L4 AR-1242-1	5.604	4.812f	354240	561841	3.827	12.594 #
17)	L4 AR-1242-2	5.645	4.812f	272784	561841	2.140	9.670 #
18)	L4 AR-1242-3	5.695	4.954	1815456	163748	22.309	5.200 #
19)	L4 AR-1242-4	5.769	0.000	1161260	0	18.015	N.D. #
20)	L4 AR-1242-5	6.548	5.565	22437	422140	0.325	9.846 #
21)	L5 AR-1248-1	5.604	4.812f	354240	561841	4.781	15.963 #
22)	L5 AR-1248-2	5.902	4.954f	201109	163748	1.880	3.279 #
23)	L5 AR-1248-3	6.109	0.000	410312	0	3.582	N.D. #
24)	L5 AR-1248-4	6.508	5.196	118000	457885	0.951	7.507 #
25)	L5 AR-1248-5	6.548	5.565f	22437	422140	0.184	7.093 #
26)	L6 AR-1254-1	6.489	5.565	385792	422140	3.025	4.797 #
27)	L6 AR-1254-2	6.697	5.709	358697	99734	1.891	1.251 #
28)	L6 AR-1254-3	7.074	6.119	1427802	293615	7.526	2.402 #
29)	L6 AR-1254-4	7.420f	6.350	68826066	86234	486.131	1.143 #
30)	L6 AR-1254-5	7.800	6.767	3785729	1758454	23.882	15.717 #
31)	L7 AR-1260-1	7.237	6.249	467256	273400	3.151	3.205
32)	L7 AR-1260-2	7.557f	6.438	707445	49143	4.030	0.481 #
33)	L7 AR-1260-3	7.860	6.595	684055	351784	6.094	3.757 #
34)	L7 AR-1260-4	8.090	7.064	327675	911961	2.405	13.407 #
35)	L7 AR-1260-5	8.415	7.292	730292	2129040	2.869	13.501 #
36)	L8 AR-1262-1	7.860	6.875	684055	439462	3.706	9.492 #
37)	L8 AR-1262-2	8.415	7.064	730292	911961	2.287	9.350 #
38)	L8 AR-1262-3	8.755	7.631f	4016903	1113537	18.094	14.526
39)	L8 AR-1262-4	8.826	7.657	775830	632852	6.589	4.604 #
40)	L8 AR-1262-5	9.506	8.160	186611	2400336	1.556	37.737 #
41)	L9 AR-1268-1	8.755	7.631f	4016903	1113537	10.892	5.152 #

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 ALS Vial : 14 Sample Multiplier: 1

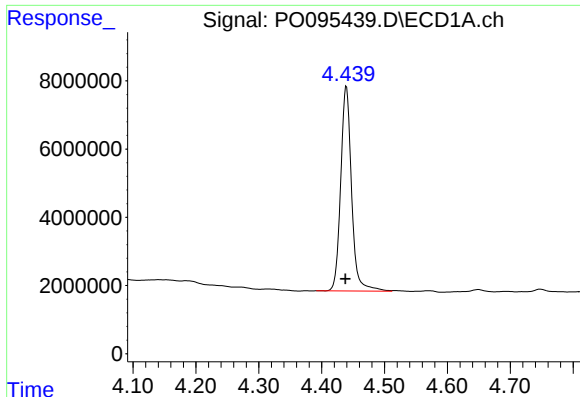
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 07:44:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0060123.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	8.826	7.657	775830	632852	2.290	3.316 #
43) L9	AR-1268-3	9.066	7.873	143223	256400	0.495	1.582 #
44) L9	AR-1268-4	9.506	8.160	186611	2400336	1.467	34.889 #
45) L9	AR-1268-5	9.916	8.456	236457	326030	0.251	0.680 #

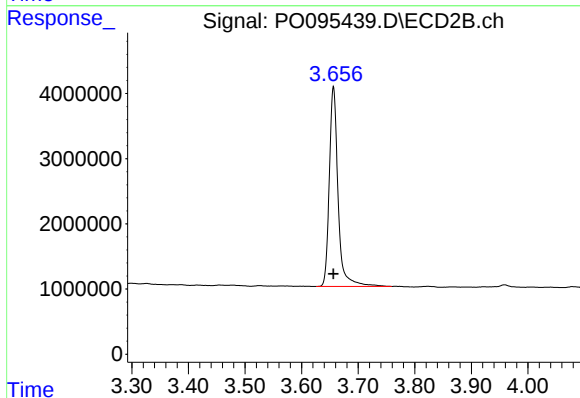
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

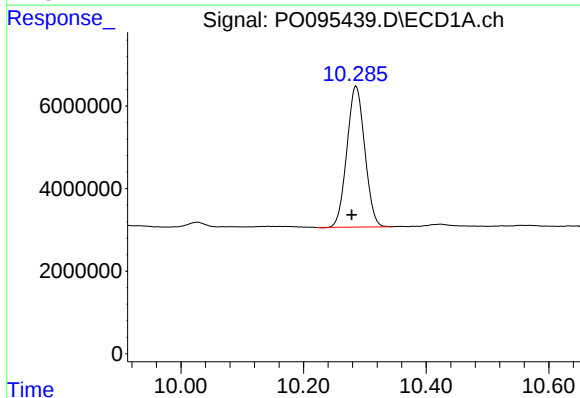
R.T.: 4.439 min
Delta R.T.: 0.001 min
Response: 72099763
Conc: 19.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



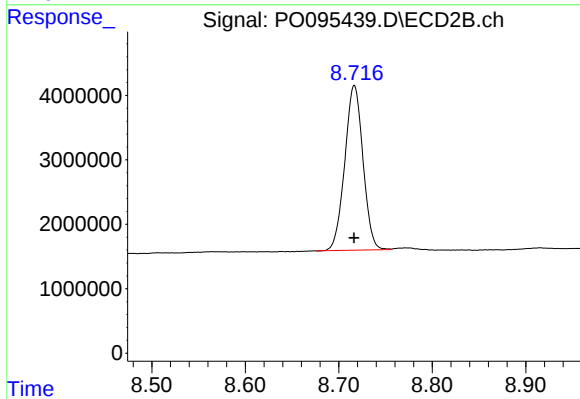
#1 Tetrachloro-m-xylene

R.T.: 3.656 min
Delta R.T.: 0.000 min
Response: 33048996
Conc: 21.07 ng/ml



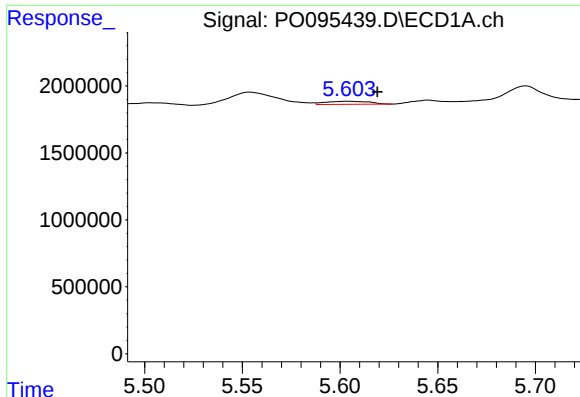
#2 Decachlorobiphenyl

R.T.: 10.286 min
Delta R.T.: 0.007 min
Response: 68929101
Conc: 25.47 ng/ml



#2 Decachlorobiphenyl

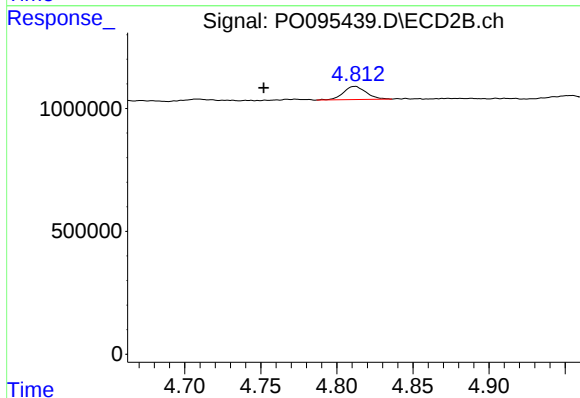
R.T.: 8.717 min
Delta R.T.: 0.000 min
Response: 34586447
Conc: 26.73 ng/ml



#3 AR-1016-1

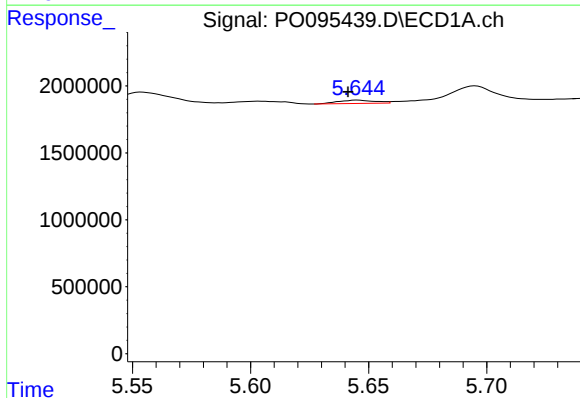
R.T.: 5.604 min
Delta R.T.: -0.015 min
Response: 354240
Conc: 2.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



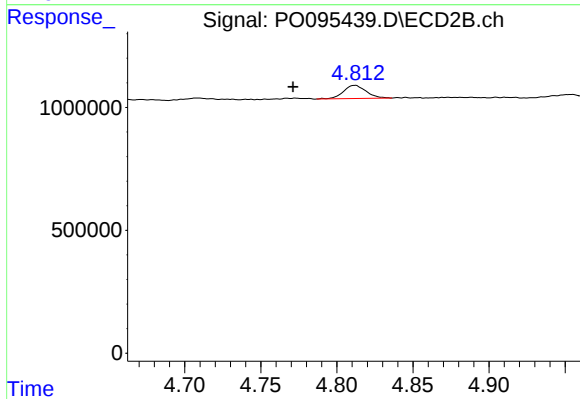
#3 AR-1016-1

R.T.: 4.812 min
Delta R.T.: 0.060 min
Response: 561841
Conc: 9.65 ng/ml



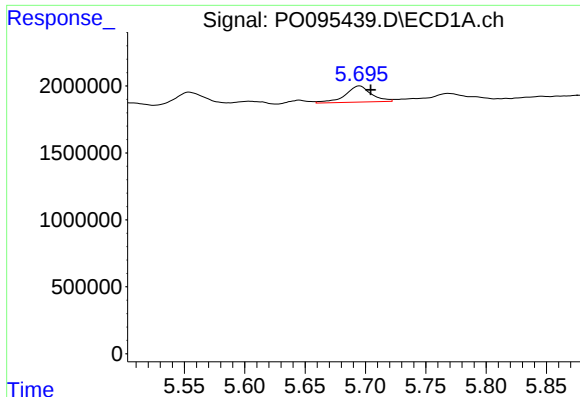
#4 AR-1016-2

R.T.: 5.645 min
Delta R.T.: 0.004 min
Response: 272784
Conc: 1.62 ng/ml



#4 AR-1016-2

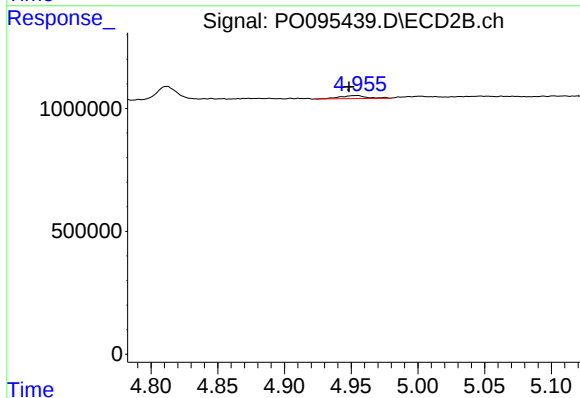
R.T.: 4.812 min
Delta R.T.: 0.041 min
Response: 561841
Conc: 7.33 ng/ml



#5 AR-1016-3

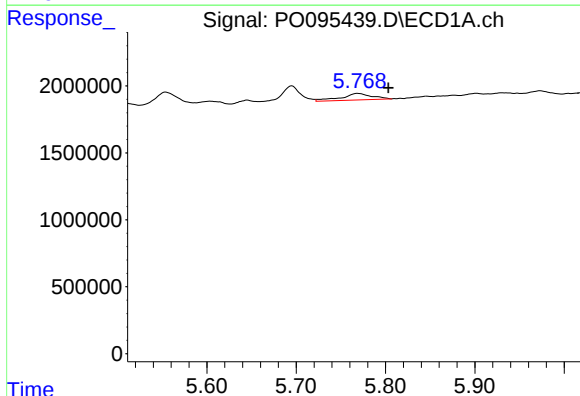
R.T.: 5.695 min
Delta R.T.: -0.009 min
Response: 1815456
Conc: 17.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



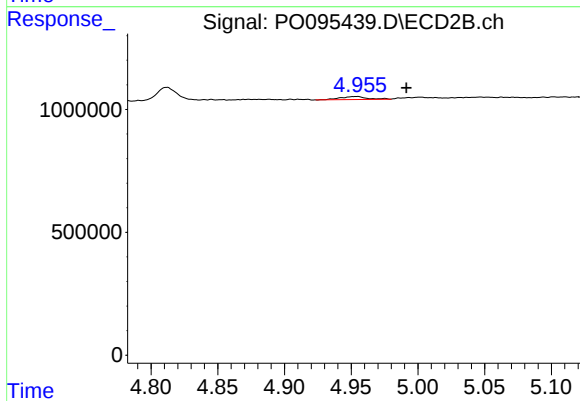
#5 AR-1016-3

R.T.: 4.954 min
Delta R.T.: 0.006 min
Response: 163748
Conc: 3.94 ng/ml



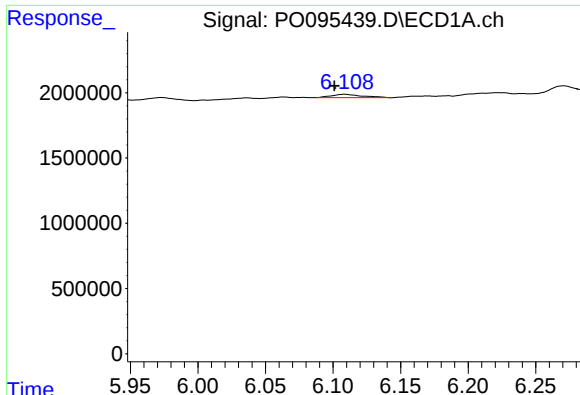
#6 AR-1016-4

R.T.: 5.769 min
Delta R.T.: -0.034 min
Response: 1161260
Conc: 13.94 ng/ml



#6 AR-1016-4

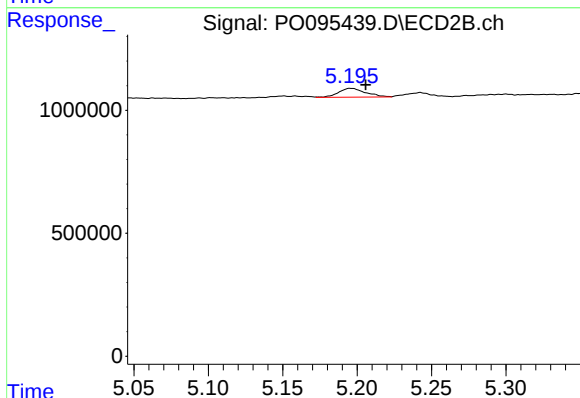
R.T.: 4.954 min
Delta R.T.: -0.037 min
Response: 163748
Conc: 4.64 ng/ml



#7 AR-1016-5

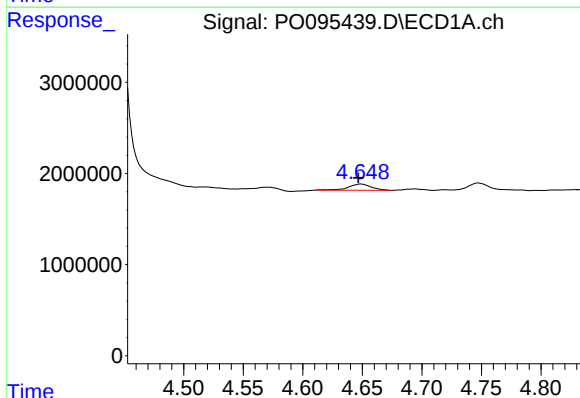
R.T.: 6.109 min
Delta R.T.: 0.008 min
Response: 410312
Conc: 4.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



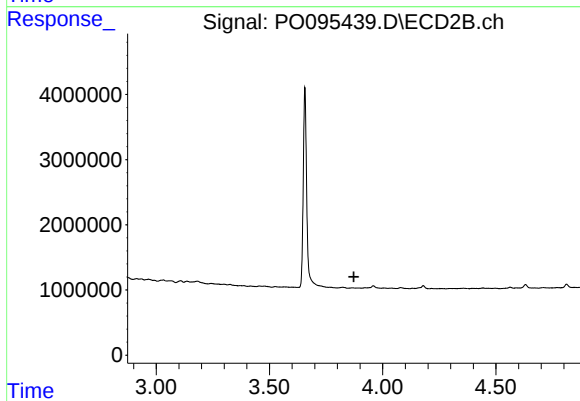
#7 AR-1016-5

R.T.: 5.196 min
Delta R.T.: -0.010 min
Response: 457885
Conc: 10.29 ng/ml



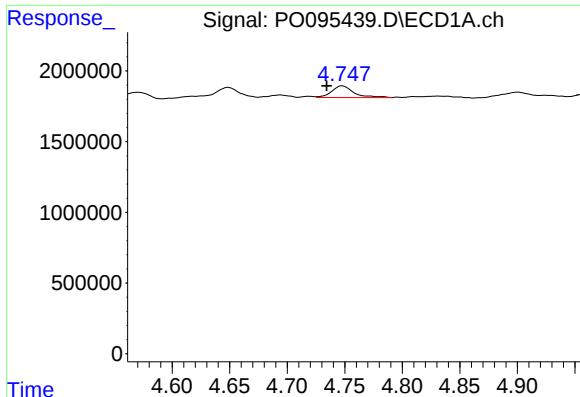
#8 AR-1221-1

R.T.: 4.649 min
Delta R.T.: 0.002 min
Response: 916287
Conc: 19.89 ng/ml



#8 AR-1221-1

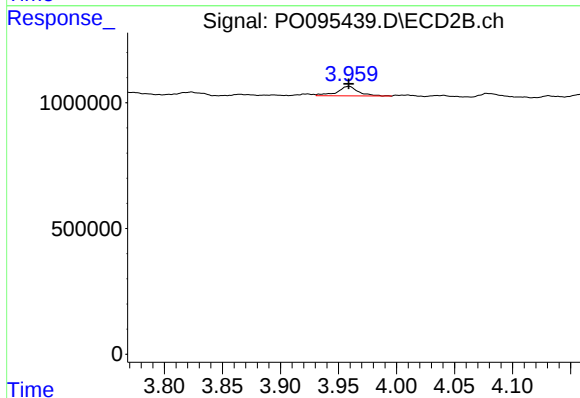
R.T.: 0.000 min
Exp R.T. : 3.873 min
Response: 0
Conc: N.D.



#9 AR-1221-2

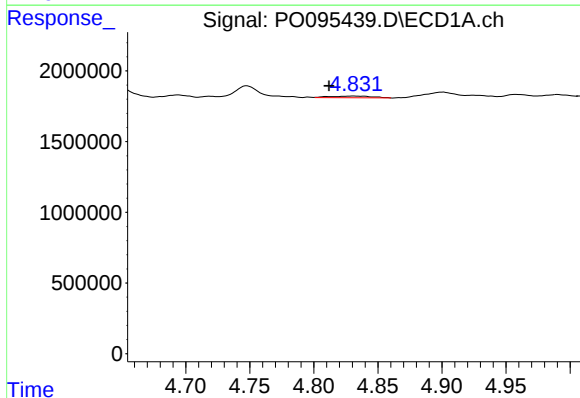
R.T.: 4.748 min
Delta R.T.: 0.013 min
Response: 1103559
Conc: 32.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



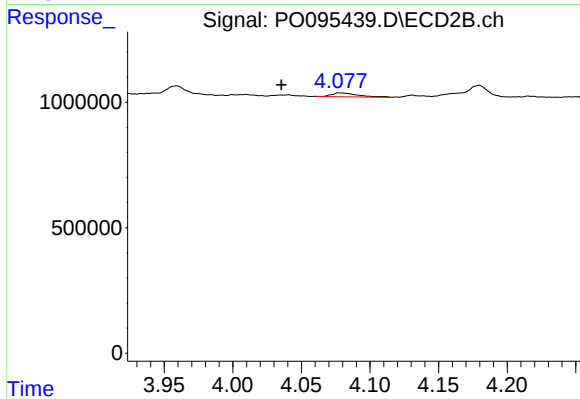
#9 AR-1221-2

R.T.: 3.959 min
Delta R.T.: 0.000 min
Response: 484143
Conc: 31.19 ng/ml



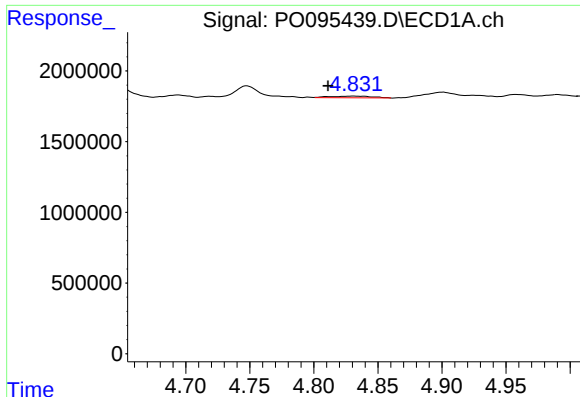
#10 AR-1221-3

R.T.: 4.831 min
Delta R.T.: 0.019 min
Response: 263662
Conc: 2.60 ng/ml



#10 AR-1221-3

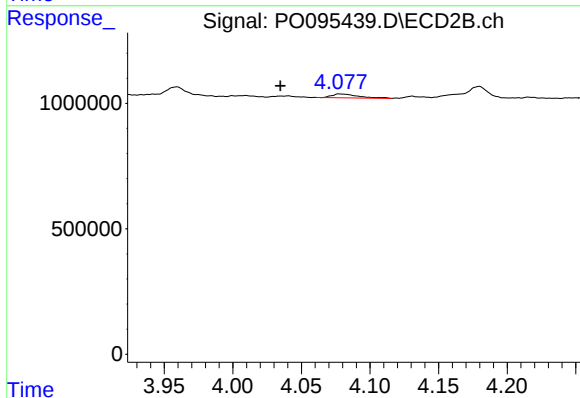
R.T.: 4.078 min
Delta R.T.: 0.043 min
Response: 205155
Conc: 4.42 ng/ml



#11 AR-1232-1

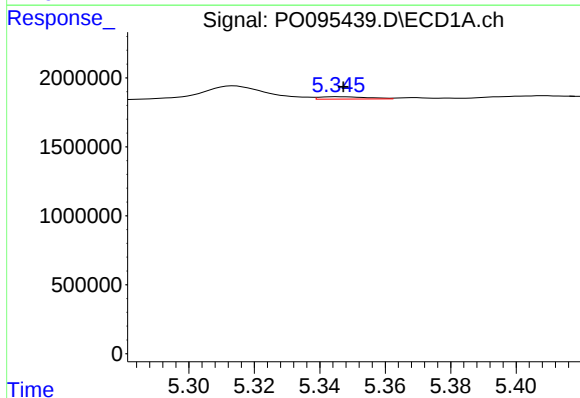
R.T.: 4.831 min
Delta R.T.: 0.020 min
Response: 263662
Conc: 3.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



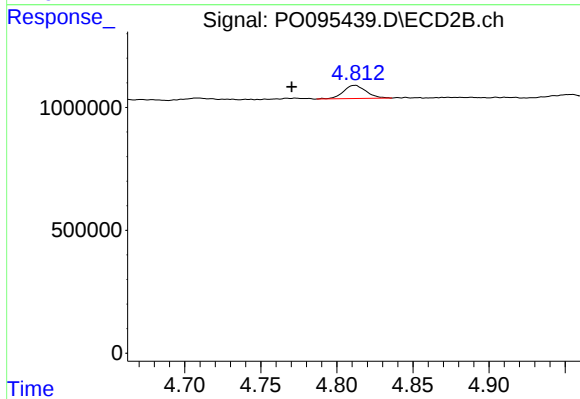
#11 AR-1232-1

R.T.: 4.078 min
Delta R.T.: 0.043 min
Response: 205155
Conc: 6.11 ng/ml



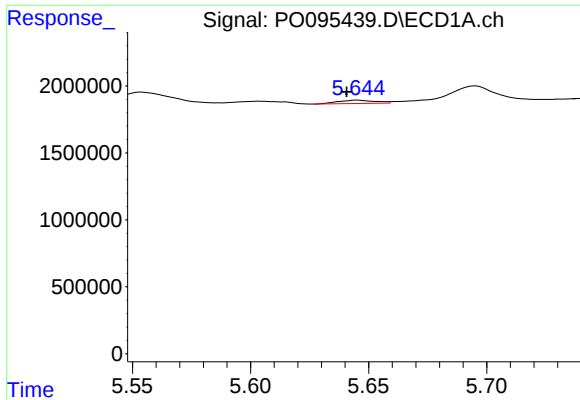
#12 AR-1232-2

R.T.: 5.346 min
Delta R.T.: -0.001 min
Response: 170766
Conc: 4.16 ng/ml



#12 AR-1232-2

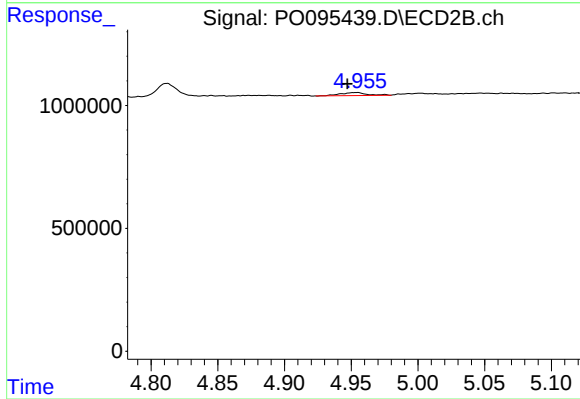
R.T.: 4.812 min
Delta R.T.: 0.041 min
Response: 561841
Conc: 16.60 ng/ml



#13 AR-1232-3

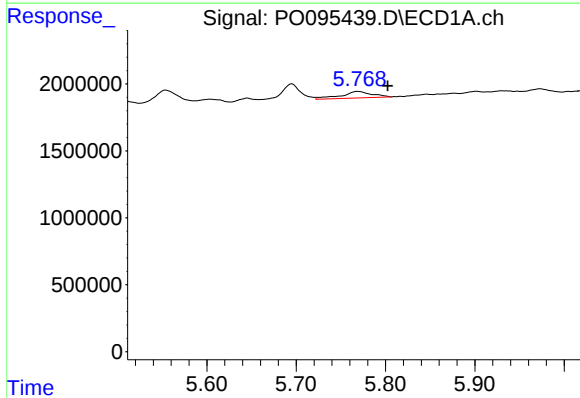
R.T.: 5.645 min
Delta R.T.: 0.005 min
Response: 272784
Conc: 3.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



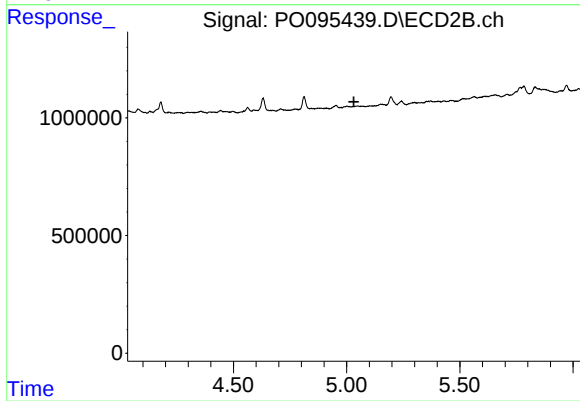
#13 AR-1232-3

R.T.: 4.954 min
Delta R.T.: 0.007 min
Response: 163748
Conc: 8.78 ng/ml



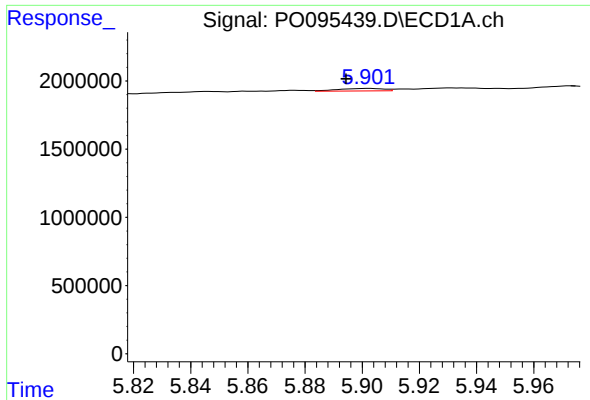
#14 AR-1232-4

R.T.: 5.769 min
Delta R.T.: -0.034 min
Response: 1161260
Conc: 31.36 ng/ml



#14 AR-1232-4

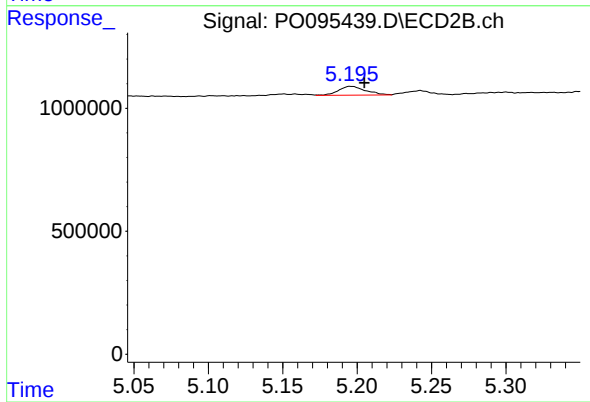
R.T.: 0.000 min
Exp R.T. : 5.032 min
Response: 0
Conc: N.D.



#15 AR-1232-5

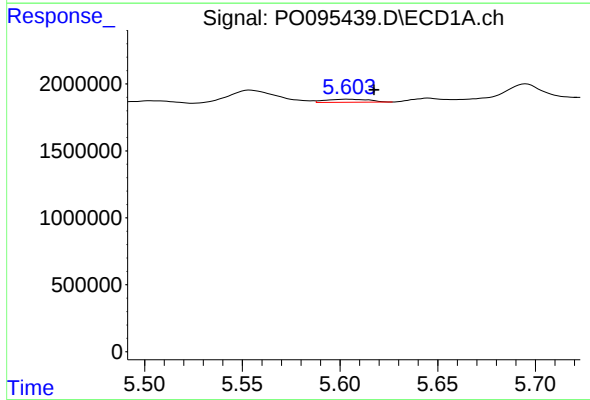
R.T.: 5.902 min
Delta R.T.: 0.008 min
Response: 201109
Conc: 6.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



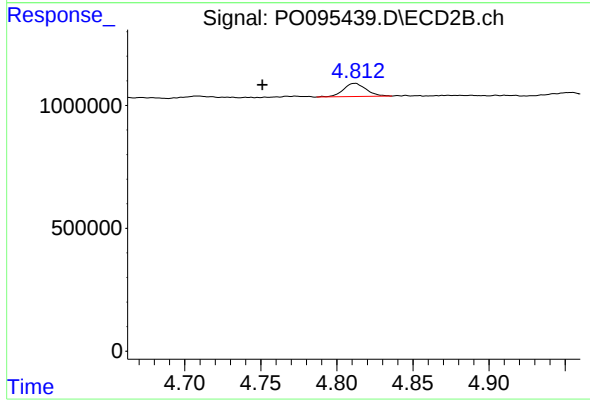
#15 AR-1232-5

R.T.: 5.196 min
Delta R.T.: -0.009 min
Response: 457885
Conc: 23.26 ng/ml



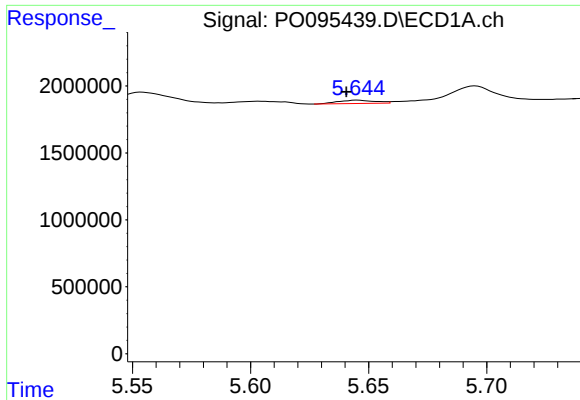
#16 AR-1242-1

R.T.: 5.604 min
Delta R.T.: -0.013 min
Response: 354240
Conc: 3.83 ng/ml



#16 AR-1242-1

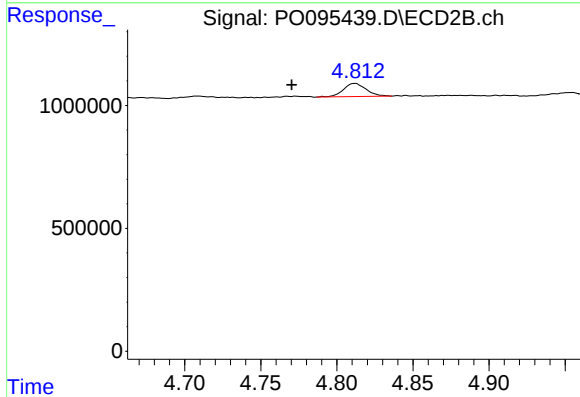
R.T.: 4.812 min
Delta R.T.: 0.061 min
Response: 561841
Conc: 12.59 ng/ml



#17 AR-1242-2

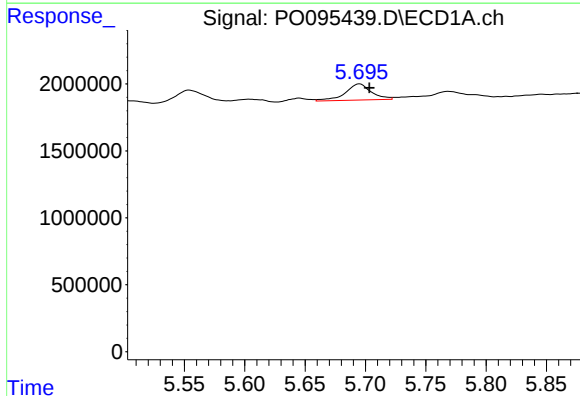
R.T.: 5.645 min
Delta R.T.: 0.005 min
Response: 272784
Conc: 2.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



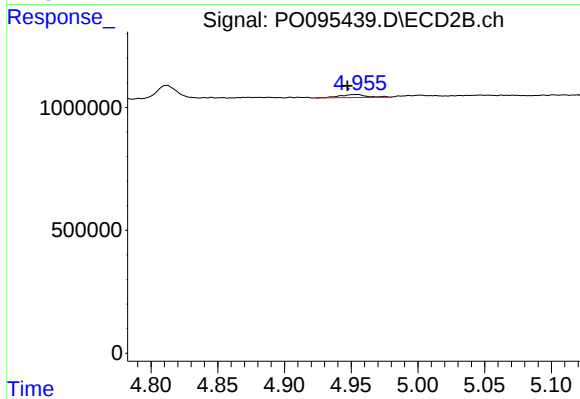
#17 AR-1242-2

R.T.: 4.812 min
Delta R.T.: 0.041 min
Response: 561841
Conc: 9.67 ng/ml



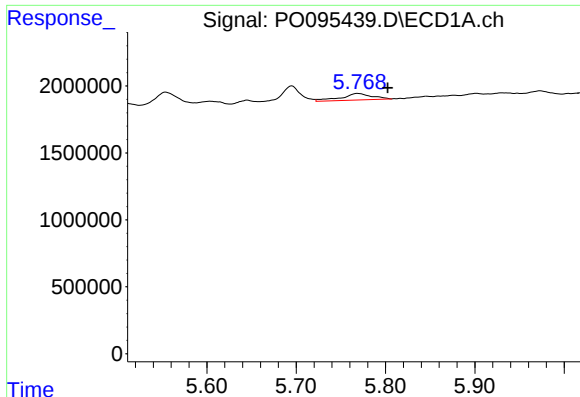
#18 AR-1242-3

R.T.: 5.695 min
Delta R.T.: -0.008 min
Response: 1815456
Conc: 22.31 ng/ml



#18 AR-1242-3

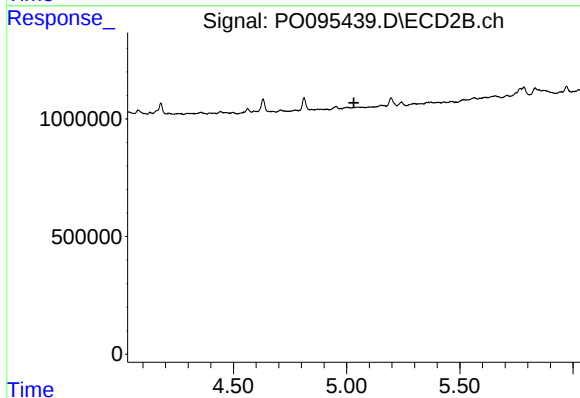
R.T.: 4.954 min
Delta R.T.: 0.007 min
Response: 163748
Conc: 5.20 ng/ml



#19 AR-1242-4

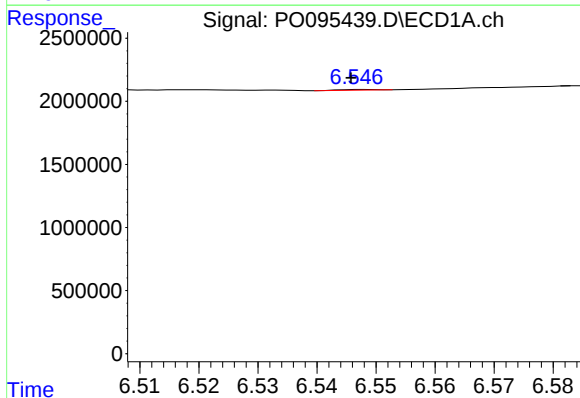
R.T.: 5.769 min
Delta R.T.: -0.033 min
Response: 1161260
Conc: 18.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



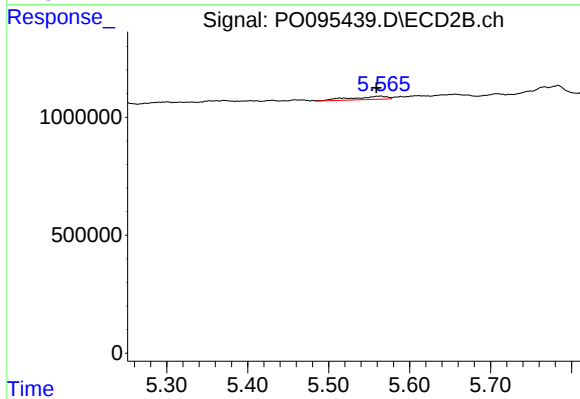
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.032 min
Response: 0
Conc: N.D.



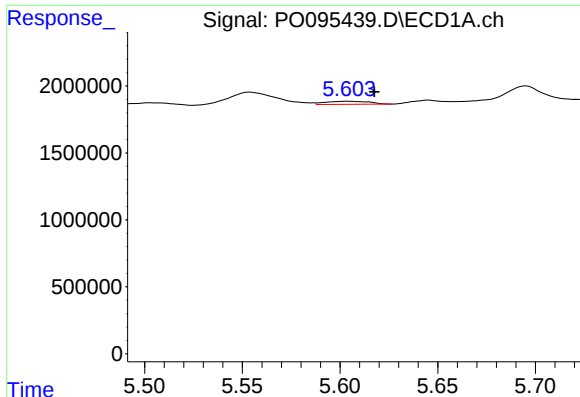
#20 AR-1242-5

R.T.: 6.548 min
Delta R.T.: 0.002 min
Response: 22437
Conc: 0.32 ng/ml



#20 AR-1242-5

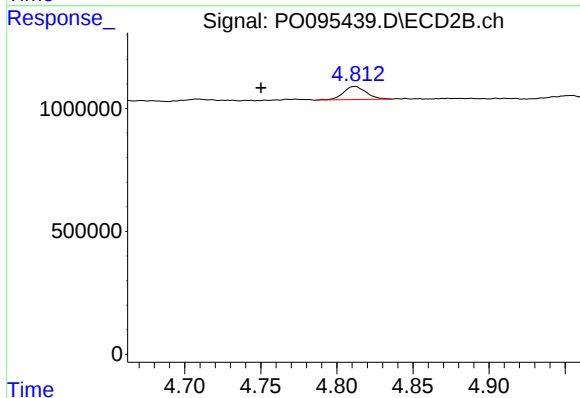
R.T.: 5.565 min
Delta R.T.: 0.006 min
Response: 422140
Conc: 9.85 ng/ml



#21 AR-1248-1

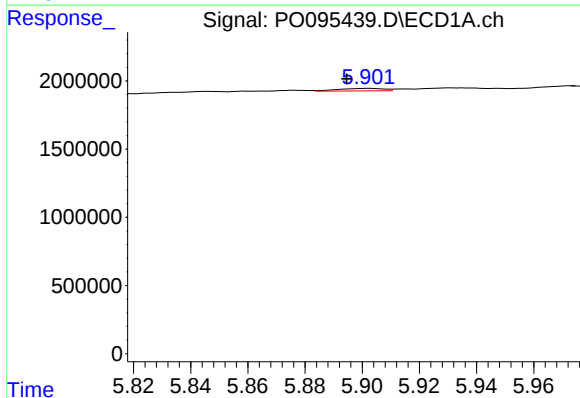
R.T.: 5.604 min
Delta R.T.: -0.013 min
Response: 354240
Conc: 4.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



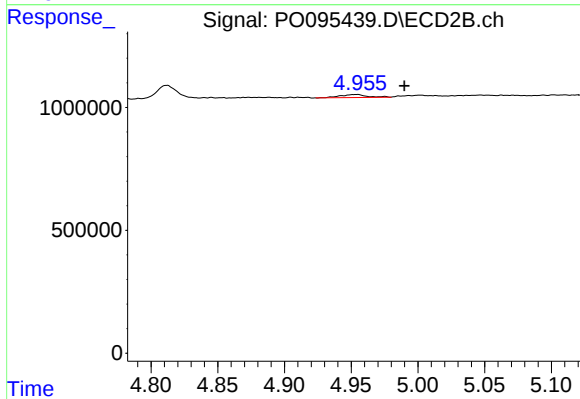
#21 AR-1248-1

R.T.: 4.812 min
Delta R.T.: 0.062 min
Response: 561841
Conc: 15.96 ng/ml



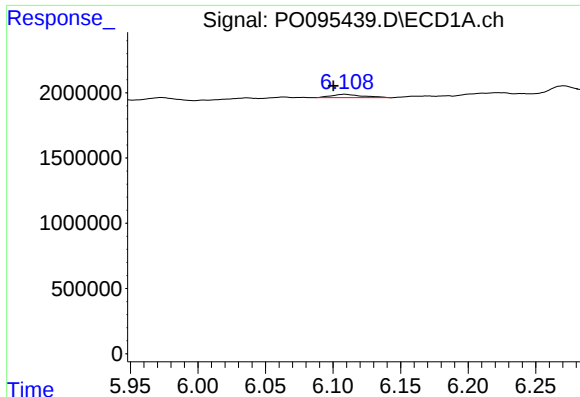
#22 AR-1248-2

R.T.: 5.902 min
Delta R.T.: 0.007 min
Response: 201109
Conc: 1.88 ng/ml



#22 AR-1248-2

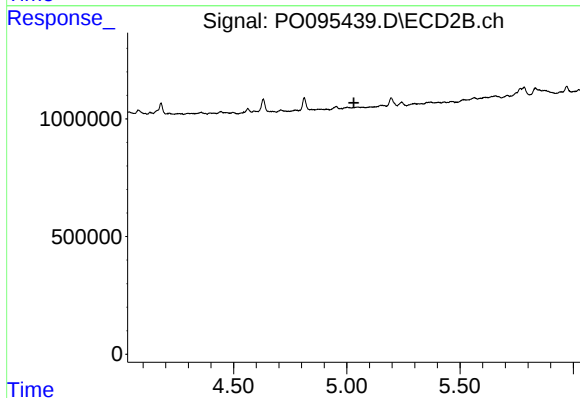
R.T.: 4.954 min
Delta R.T.: -0.036 min
Response: 163748
Conc: 3.28 ng/ml



#23 AR-1248-3

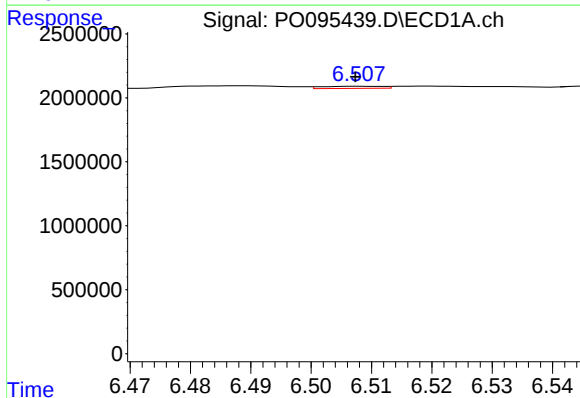
R.T.: 6.109 min
Delta R.T.: 0.009 min
Response: 410312
Conc: 3.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



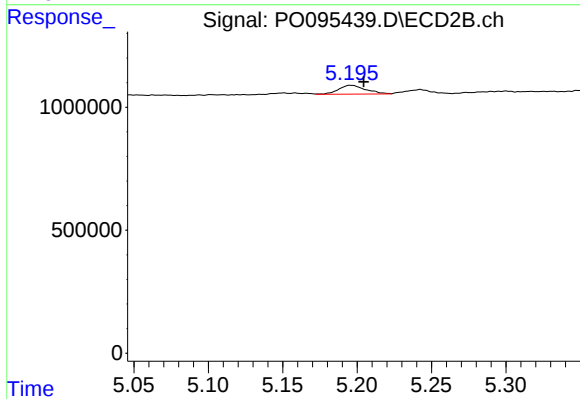
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.031 min
Response: 0
Conc: N.D.



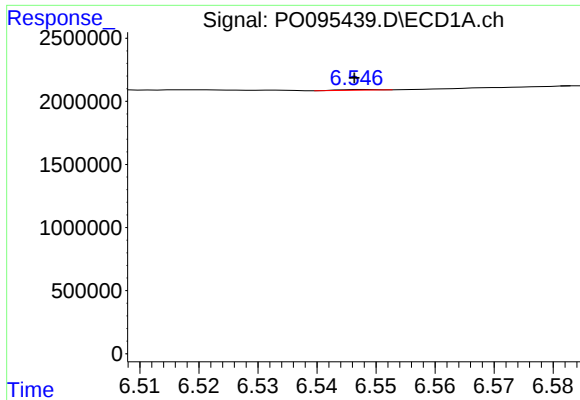
#24 AR-1248-4

R.T.: 6.508 min
Delta R.T.: 0.000 min
Response: 118000
Conc: 0.95 ng/ml



#24 AR-1248-4

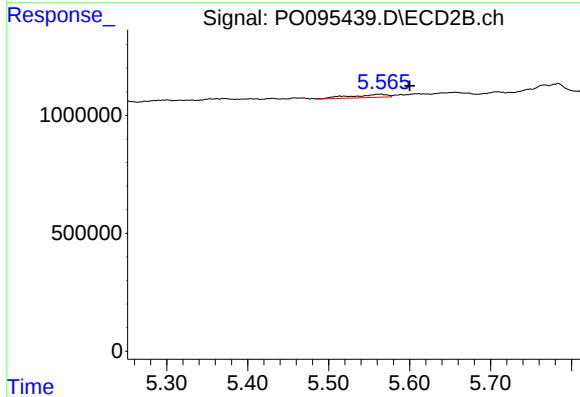
R.T.: 5.196 min
Delta R.T.: -0.009 min
Response: 457885
Conc: 7.51 ng/ml



#25 AR-1248-5

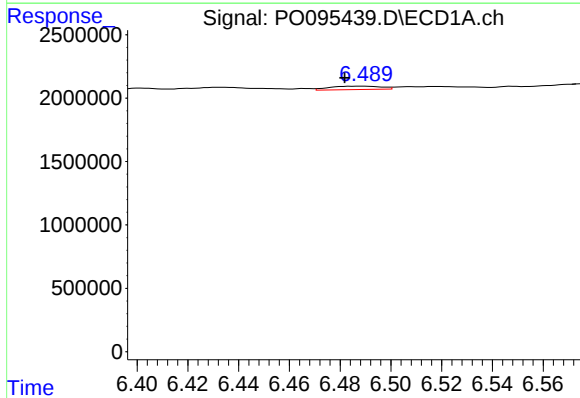
R.T.: 6.548 min
Delta R.T.: 0.002 min
Response: 22437
Conc: 0.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



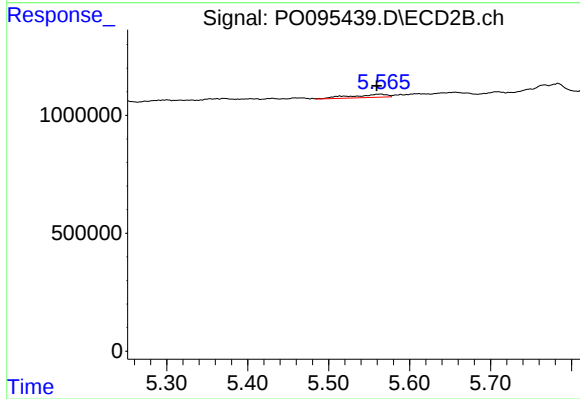
#25 AR-1248-5

R.T.: 5.565 min
Delta R.T.: -0.035 min
Response: 422140
Conc: 7.09 ng/ml



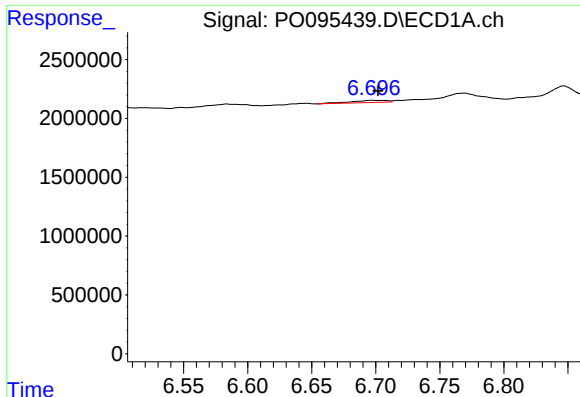
#26 AR-1254-1

R.T.: 6.489 min
Delta R.T.: 0.007 min
Response: 385792
Conc: 3.03 ng/ml



#26 AR-1254-1

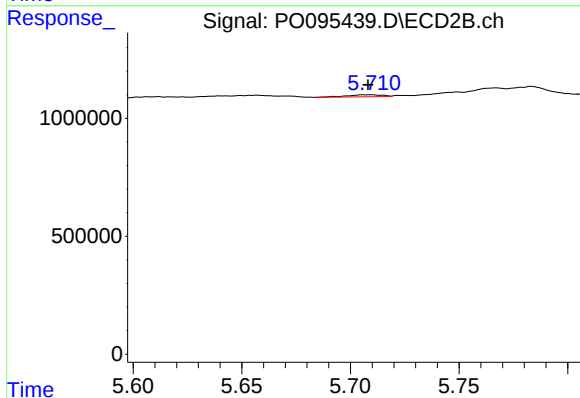
R.T.: 5.565 min
Delta R.T.: 0.005 min
Response: 422140
Conc: 4.80 ng/ml



#27 AR-1254-2

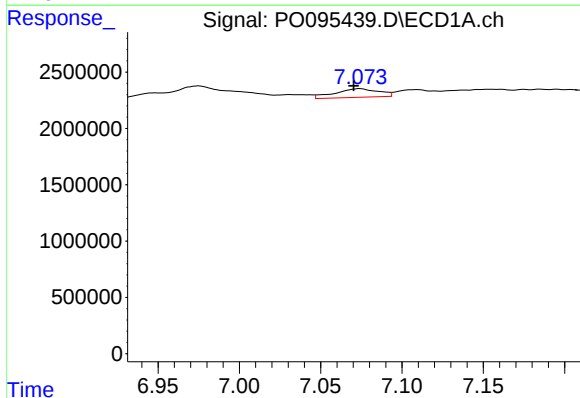
R.T.: 6.697 min
Delta R.T.: -0.005 min
Response: 358697
Conc: 1.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



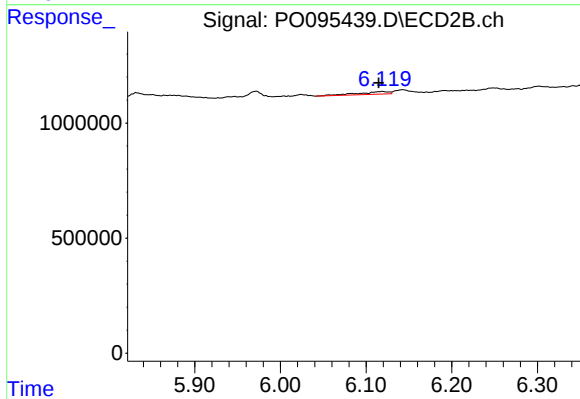
#27 AR-1254-2

R.T.: 5.709 min
Delta R.T.: 0.001 min
Response: 99734
Conc: 1.25 ng/ml



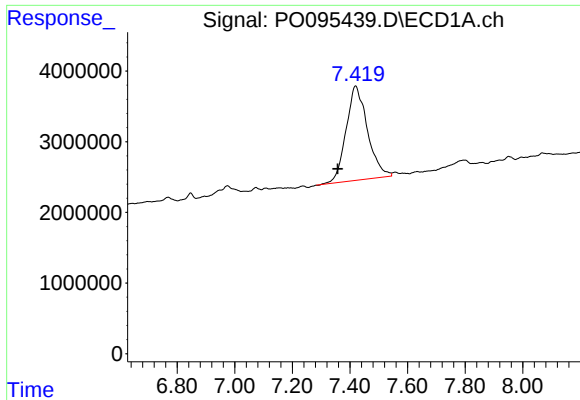
#28 AR-1254-3

R.T.: 7.074 min
Delta R.T.: 0.004 min
Response: 1427802
Conc: 7.53 ng/ml



#28 AR-1254-3

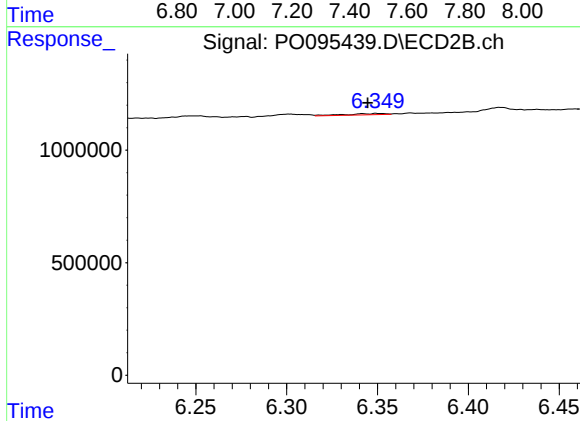
R.T.: 6.119 min
Delta R.T.: 0.004 min
Response: 293615
Conc: 2.40 ng/ml



#29 AR-1254-4

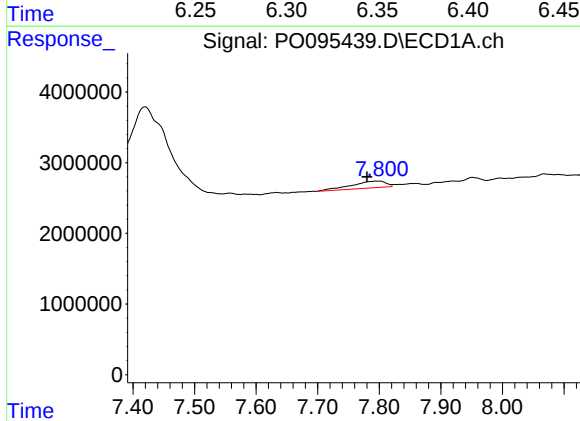
R.T.: 7.420 min
Delta R.T.: 0.062 min
Response: 68826066
Conc: 486.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



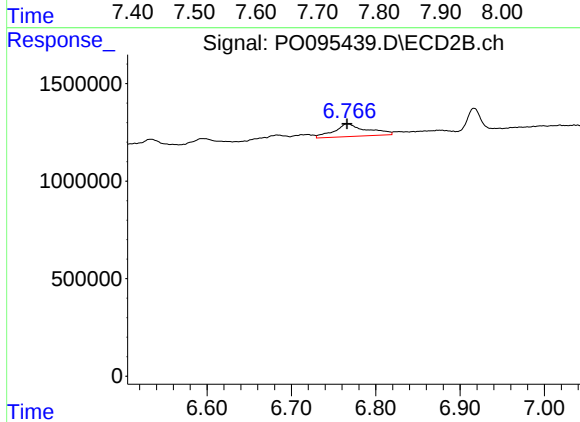
#29 AR-1254-4

R.T.: 6.350 min
Delta R.T.: 0.005 min
Response: 86234
Conc: 1.14 ng/ml



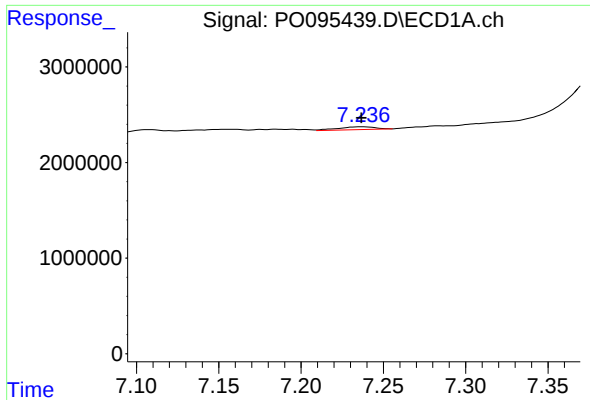
#30 AR-1254-5

R.T.: 7.800 min
Delta R.T.: 0.020 min
Response: 3785729
Conc: 23.88 ng/ml



#30 AR-1254-5

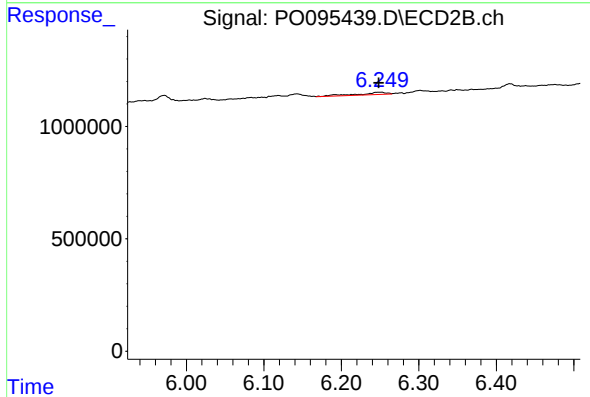
R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 1758454
Conc: 15.72 ng/ml



#31 AR-1260-1

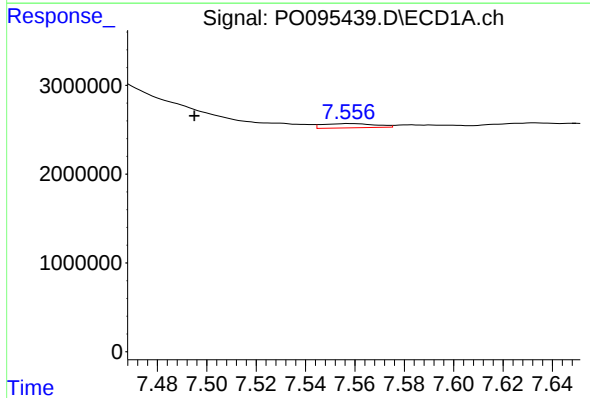
R.T.: 7.237 min
Delta R.T.: 0.000 min
Response: 467256
Conc: 3.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



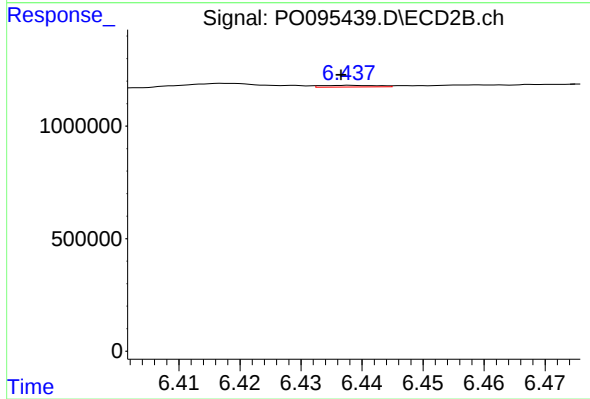
#31 AR-1260-1

R.T.: 6.249 min
Delta R.T.: 0.001 min
Response: 273400
Conc: 3.20 ng/ml



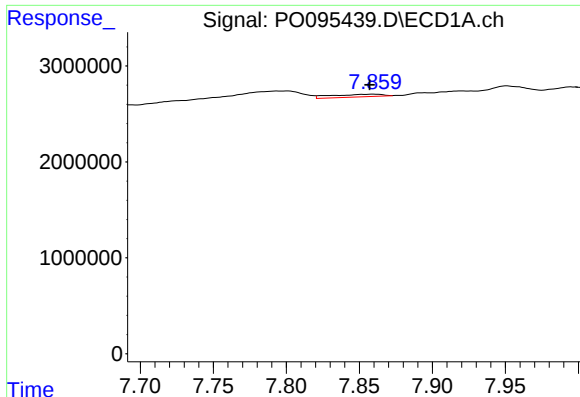
#32 AR-1260-2

R.T.: 7.557 min
Delta R.T.: 0.062 min
Response: 707445
Conc: 4.03 ng/ml



#32 AR-1260-2

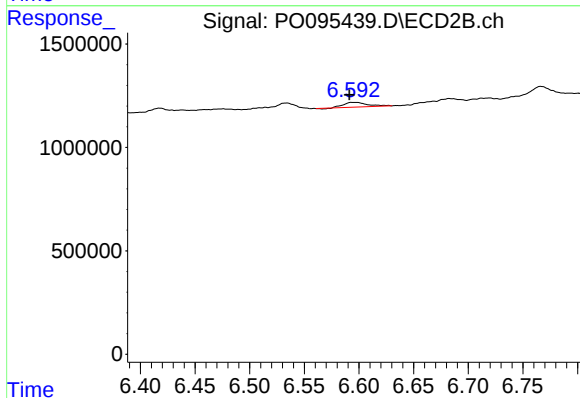
R.T.: 6.438 min
Delta R.T.: 0.002 min
Response: 49143
Conc: 0.48 ng/ml



#33 AR-1260-3

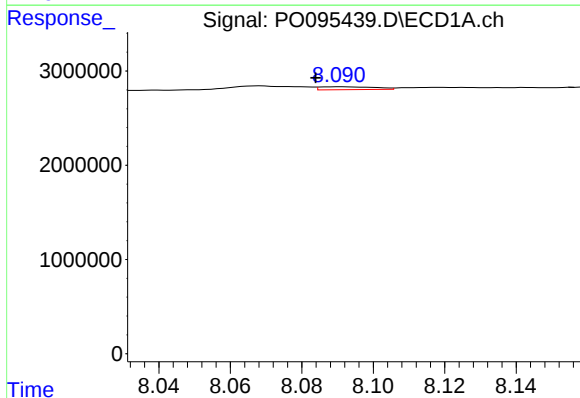
R.T.: 7.860 min
Delta R.T.: 0.003 min
Response: 684055
Conc: 6.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



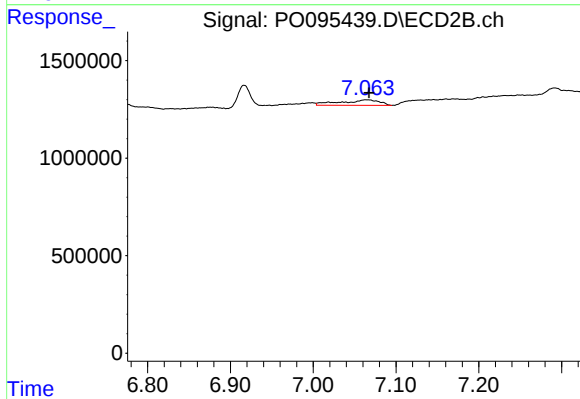
#33 AR-1260-3

R.T.: 6.595 min
Delta R.T.: 0.004 min
Response: 351784
Conc: 3.76 ng/ml



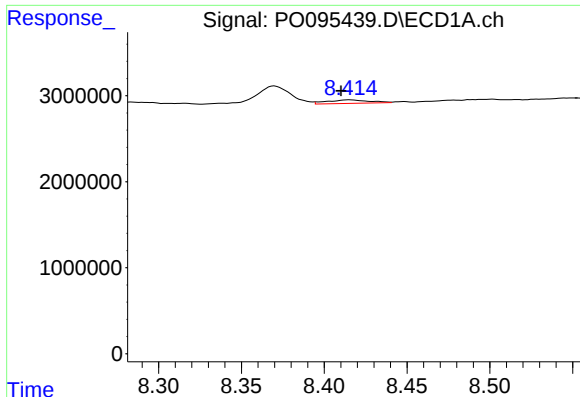
#34 AR-1260-4

R.T.: 8.090 min
Delta R.T.: 0.007 min
Response: 327675
Conc: 2.40 ng/ml



#34 AR-1260-4

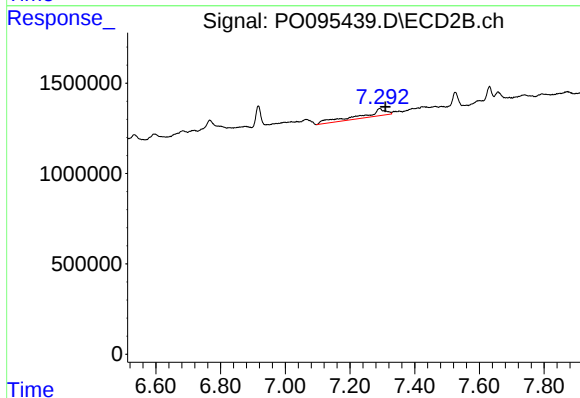
R.T.: 7.064 min
Delta R.T.: -0.004 min
Response: 911961
Conc: 13.41 ng/ml



#35 AR-1260-5

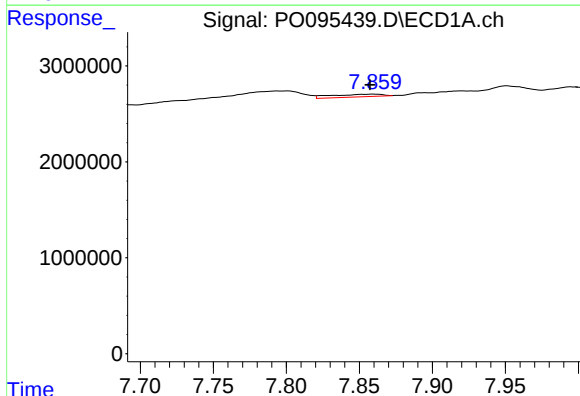
R.T.: 8.415 min
Delta R.T.: 0.005 min
Response: 730292
Conc: 2.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



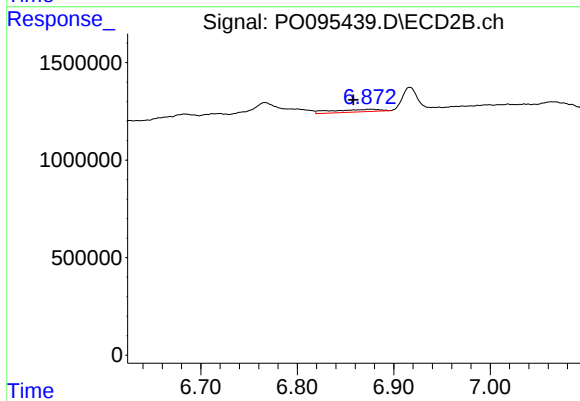
#35 AR-1260-5

R.T.: 7.292 min
Delta R.T.: -0.018 min
Response: 2129040
Conc: 13.50 ng/ml



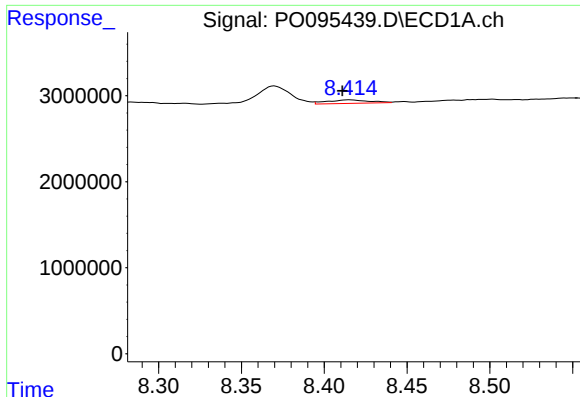
#36 AR-1262-1

R.T.: 7.860 min
Delta R.T.: 0.002 min
Response: 684055
Conc: 3.71 ng/ml



#36 AR-1262-1

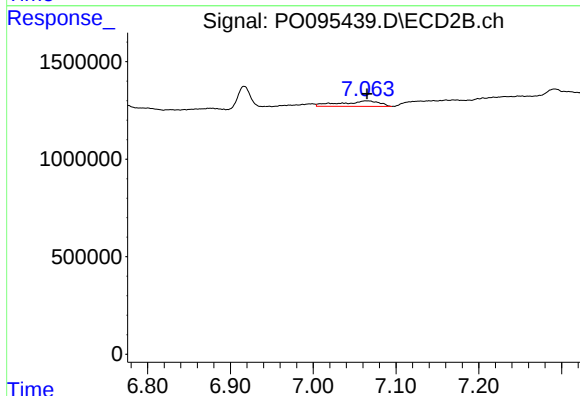
R.T.: 6.875 min
Delta R.T.: 0.017 min
Response: 439462
Conc: 9.49 ng/ml



#37 AR-1262-2

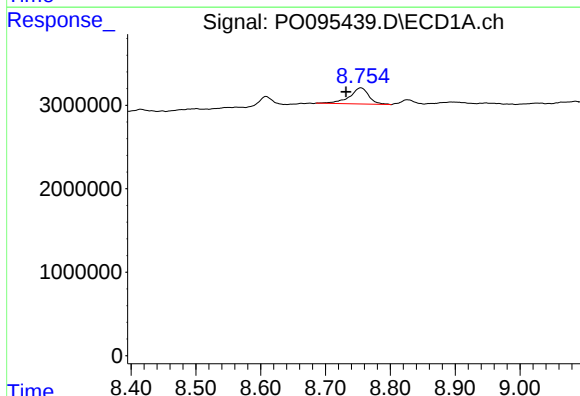
R.T.: 8.415 min
Delta R.T.: 0.004 min
Response: 730292
Conc: 2.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



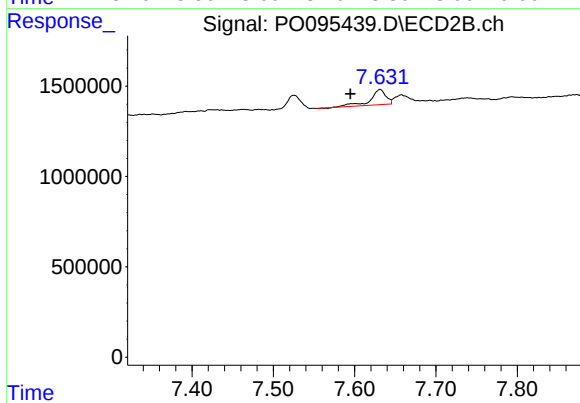
#37 AR-1262-2

R.T.: 7.064 min
Delta R.T.: -0.002 min
Response: 911961
Conc: 9.35 ng/ml



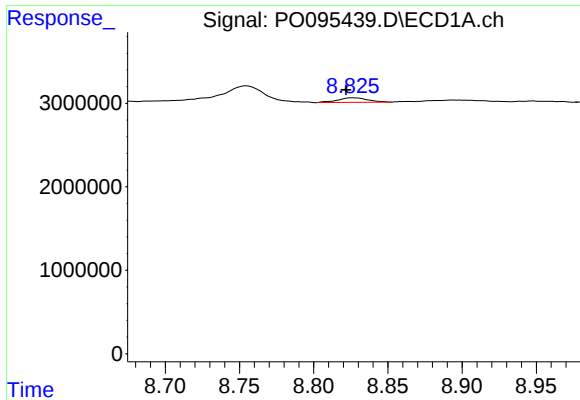
#38 AR-1262-3

R.T.: 8.755 min
Delta R.T.: 0.023 min
Response: 4016903
Conc: 18.09 ng/ml



#38 AR-1262-3

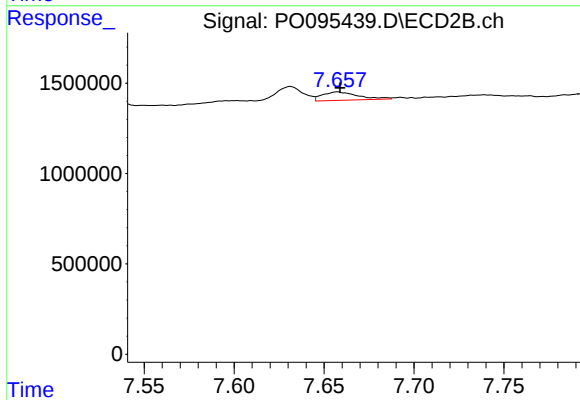
R.T.: 7.631 min
Delta R.T.: 0.036 min
Response: 1113537
Conc: 14.53 ng/ml



#39 AR-1262-4

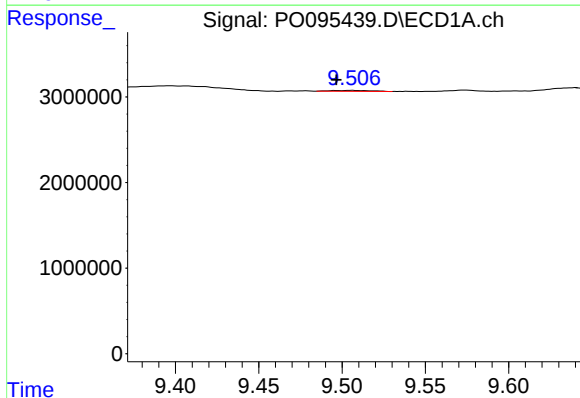
R.T.: 8.826 min
Delta R.T.: 0.004 min
Response: 775830
Conc: 6.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



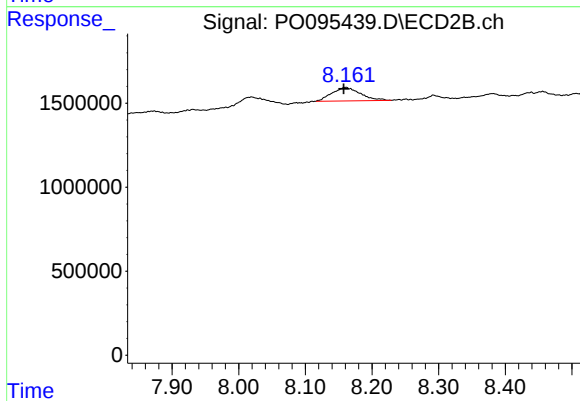
#39 AR-1262-4

R.T.: 7.657 min
Delta R.T.: -0.001 min
Response: 632852
Conc: 4.60 ng/ml



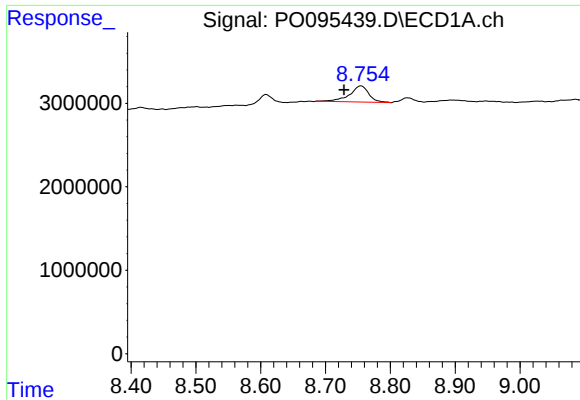
#40 AR-1262-5

R.T.: 9.506 min
Delta R.T.: 0.010 min
Response: 186611
Conc: 1.56 ng/ml



#40 AR-1262-5

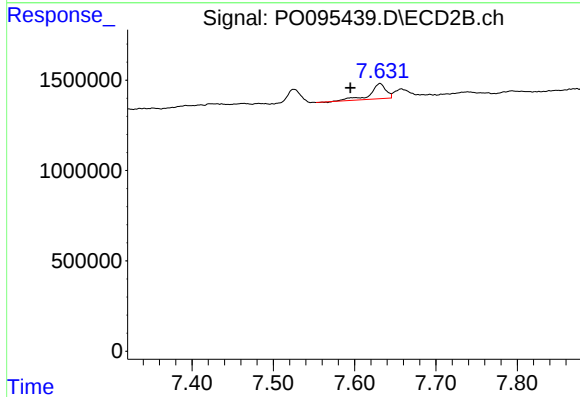
R.T.: 8.160 min
Delta R.T.: 0.003 min
Response: 2400336
Conc: 37.74 ng/ml



#41 AR-1268-1

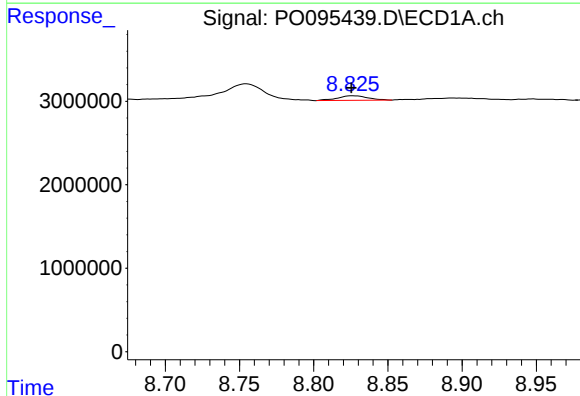
R.T.: 8.755 min
Delta R.T.: 0.026 min
Response: 4016903
Conc: 10.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



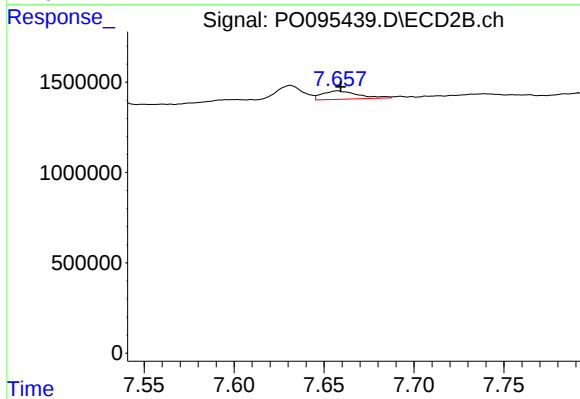
#41 AR-1268-1

R.T.: 7.631 min
Delta R.T.: 0.036 min
Response: 1113537
Conc: 5.15 ng/ml



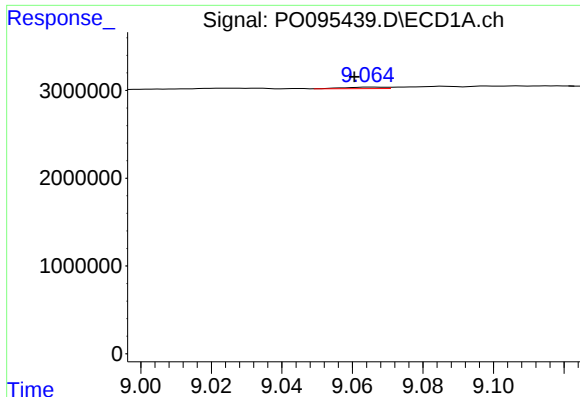
#42 AR-1268-2

R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 775830
Conc: 2.29 ng/ml



#42 AR-1268-2

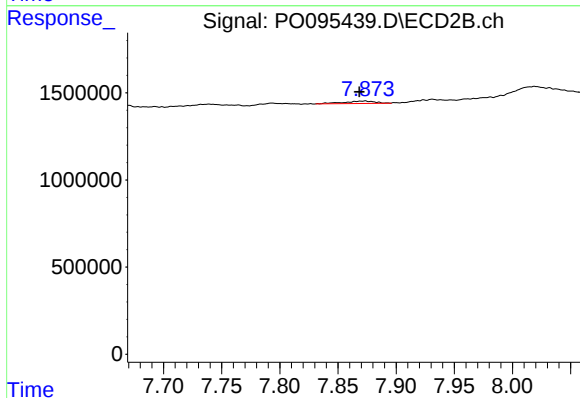
R.T.: 7.657 min
Delta R.T.: -0.002 min
Response: 632852
Conc: 3.32 ng/ml



#43 AR-1268-3

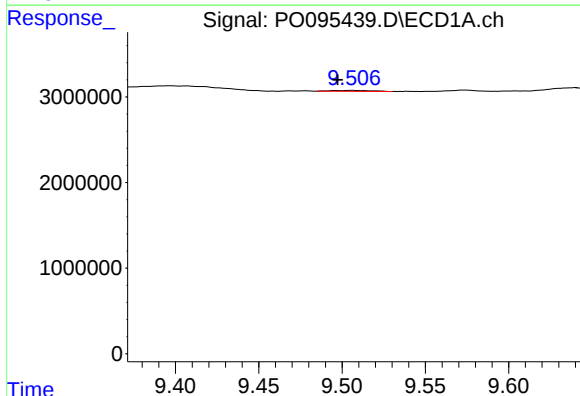
R.T.: 9.066 min
Delta R.T.: 0.005 min
Response: 143223
Conc: 0.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



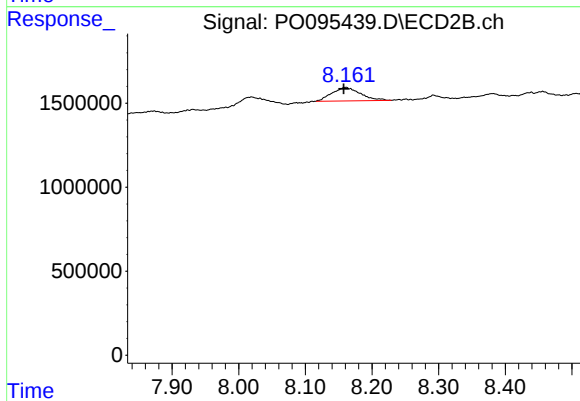
#43 AR-1268-3

R.T.: 7.873 min
Delta R.T.: 0.005 min
Response: 256400
Conc: 1.58 ng/ml



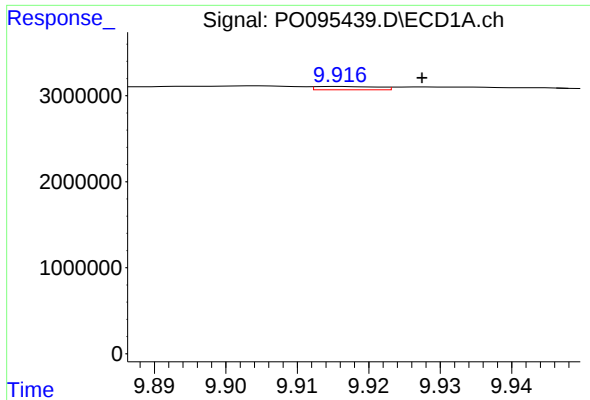
#44 AR-1268-4

R.T.: 9.506 min
Delta R.T.: 0.009 min
Response: 186611
Conc: 1.47 ng/ml



#44 AR-1268-4

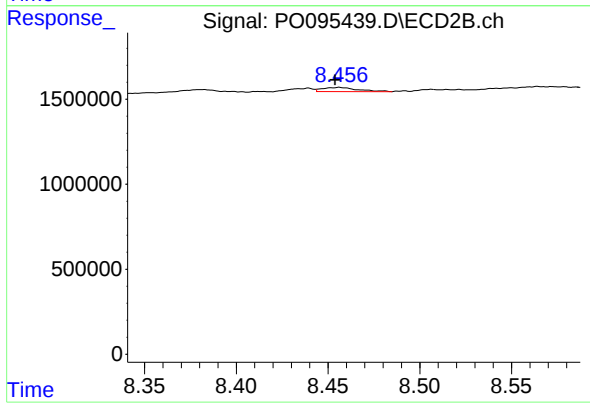
R.T.: 8.160 min
Delta R.T.: 0.003 min
Response: 2400336
Conc: 34.89 ng/ml



#45 AR-1268-5

R.T.: 9.916 min
Delta R.T.: -0.012 min
Response: 236457
Conc: 0.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.456 min
Delta R.T.: 0.002 min
Response: 326030
Conc: 0.68 ng/ml