

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0062623\
 Data File : P0095981.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jun 2023 15:57
 Operator : YP/AJ
 Sample : 03398-01
 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: Jun 26 22:09:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0062023.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 21 13:08:39 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...	4.420	3.637	54162870	23601796	18.616	17.390
2)	SA Decachlor...	10.249	8.673	47808633	22766195	23.077	18.566
Target Compounds							
3)	L1 AR-1016-1	5.599	4.727	1063443	697617	12.886	15.265
4)	L1 AR-1016-2	5.628	4.744	1591511	516892	13.357	8.293 #
5)	L1 AR-1016-3	5.684	4.923	776287	393298	10.062	11.674
6)	L1 AR-1016-4	5.780	4.964	828325	15131866	13.820	459.272 #
7)	L1 AR-1016-5	6.082	5.178	16671137	8986170	268.291	246.578
8)	L2 AR-1221-1	4.628	3.841	3876918	415812	108.396	24.188 #
9)	L2 AR-1221-2	4.730	3.919	1142291	2377453	42.947	180.269 #
10)	L2 AR-1221-3	4.794	4.057f	370858	1464712	4.647	36.938 #
11)	L3 AR-1232-1	4.794	4.057f	370858	1464712	6.306	48.719 #
12)	L3 AR-1232-2	5.329	4.744	726127	516892	20.875	17.390
13)	L3 AR-1232-3	5.628	4.923	1591511	393298	27.991	24.623
14)	L3 AR-1232-4	5.780	5.005	828325	4430307	28.932	282.079 #
15)	L3 AR-1232-5	5.876	5.178	30107753	8986170	1212.180	499.369 #
16)	L4 AR-1242-1	5.599	4.727	1063443	697617	16.088	19.297
17)	L4 AR-1242-2	5.628	4.744	1591511	516892	16.691	10.537 #
18)	L4 AR-1242-3	5.684	4.923	776287	393298	12.235	14.667
19)	L4 AR-1242-4	5.780	5.005	828325	4430307	16.927	149.850 #
20)	L4 AR-1242-5	6.532	5.532	16250103	38119718	328.645	1073.784 #
21)	L5 AR-1248-1	5.599	4.727	1063443	697617	21.008	25.722
22)	L5 AR-1248-2	5.876	4.964	30107753	15131866	365.667	378.422
23)	L5 AR-1248-3	6.082	5.005	16671137	4430307	193.686	102.968 #
24)	L5 AR-1248-4	6.488	5.178	21525277	8986170	258.991	172.768 #
25)	L5 AR-1248-5	6.532	5.573	16250103	4186540	193.318	83.452 #
26)	L6 AR-1254-1	6.463	5.532	58864147	38119718	618.218	514.688
27)	L6 AR-1254-2	6.683	5.681	89029414	35565620	641.052	521.169
28)	L6 AR-1254-3	7.052	6.086	97058530	60397909	718.412	606.528
29)	L6 AR-1254-4	7.339	6.316	58431421	32629500	651.647	552.855
30)	L6 AR-1254-5	7.761	6.736	84311398	60523757	819.613	678.764
31)	L7 AR-1260-1	7.218	6.217	43817725	31480455	385.381	438.624
32)	L7 AR-1260-2	7.476	6.406	48226986	27448356	397.179	329.505
33)	L7 AR-1260-3	7.761	6.559	84311398	26873896	608.152	348.862 #
34)	L7 AR-1260-4	8.052	7.034	32725458	5465154	342.274	95.810 #
35)	L7 AR-1260-5	8.390	7.277	19114481	11938600	114.491	93.003
36)	L8 AR-1262-1	7.835	6.826	14159891	4013460	105.491	104.929
37)	L8 AR-1262-2	8.390	7.034	19114481	5465154	92.256	69.318
38)	L8 AR-1262-3	8.723	7.562	14301406	1938092	94.487	31.273 #
39)	L8 AR-1262-4	8.800	7.625	2319493	10434748	19.231	96.009 #
40)	L8 AR-1262-5	9.471	8.124	2968456	1703709	39.293	33.543
41)	L9 AR-1268-1	8.723	7.562	14301406	1938092	52.302	10.963 #

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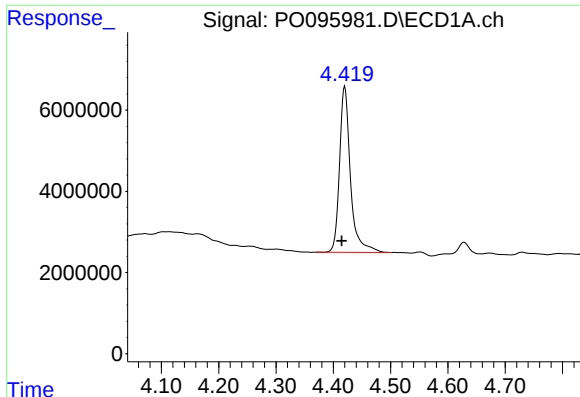
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 26 22:09:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0062023.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	8.800	7.625	2319493	10434748	9.398	66.631 #
43) L9	AR-1268-3	9.037	7.833	665398	429991	2.928	3.085
44) L9	AR-1268-4	9.471	8.124	2968456	1703709	35.874	30.675
45) L9	AR-1268-5	9.899	8.417	1582096	1165028	2.122	2.785 #

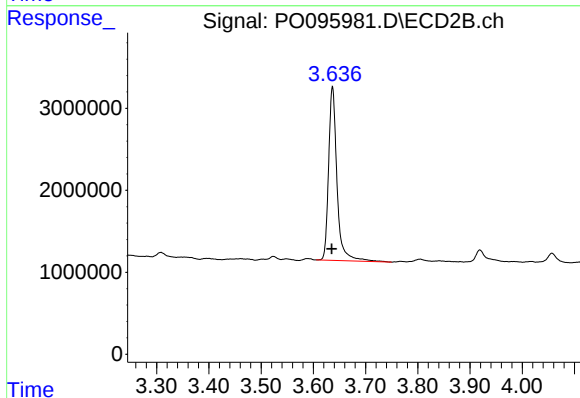
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

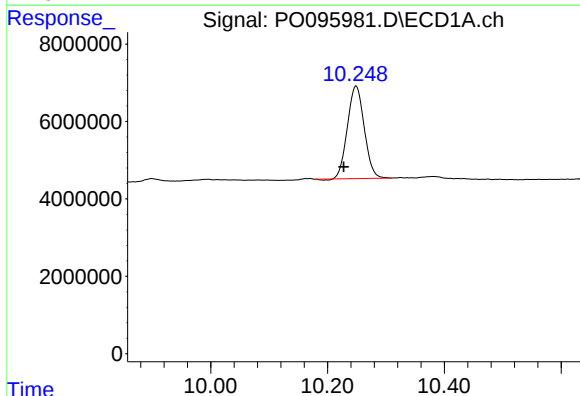
R.T.: 4.420 min
Delta R.T.: 0.005 min
Response: 54162870
Conc: 18.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



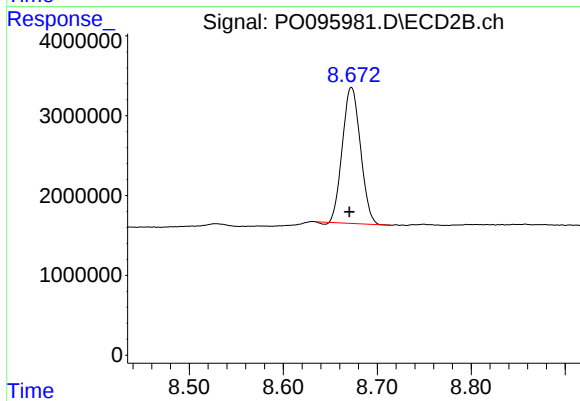
#1 Tetrachloro-m-xylene

R.T.: 3.637 min
Delta R.T.: 0.002 min
Response: 23601796
Conc: 17.39 ng/ml



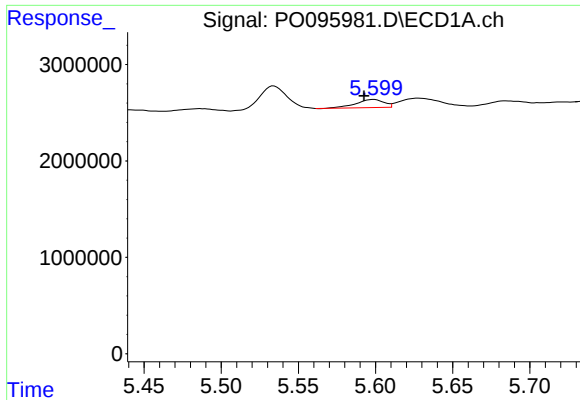
#2 Decachlorobiphenyl

R.T.: 10.249 min
Delta R.T.: 0.021 min
Response: 47808633
Conc: 23.08 ng/ml



#2 Decachlorobiphenyl

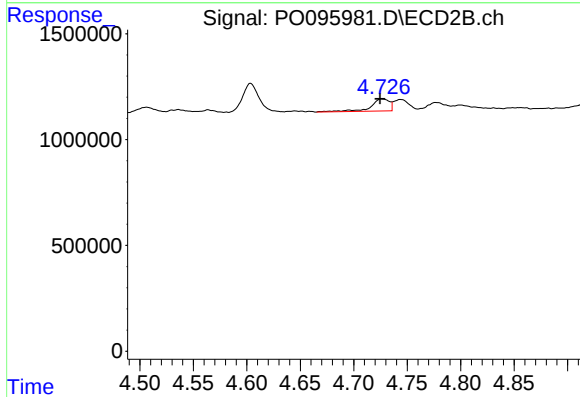
R.T.: 8.673 min
Delta R.T.: 0.002 min
Response: 22766195
Conc: 18.57 ng/ml



#3 AR-1016-1

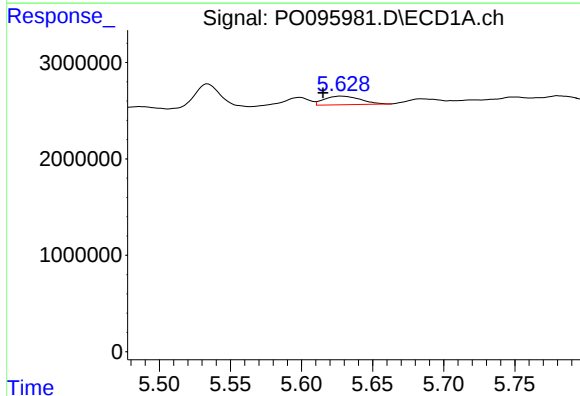
R.T.: 5.599 min
Delta R.T.: 0.006 min
Response: 1063443
Conc: 12.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



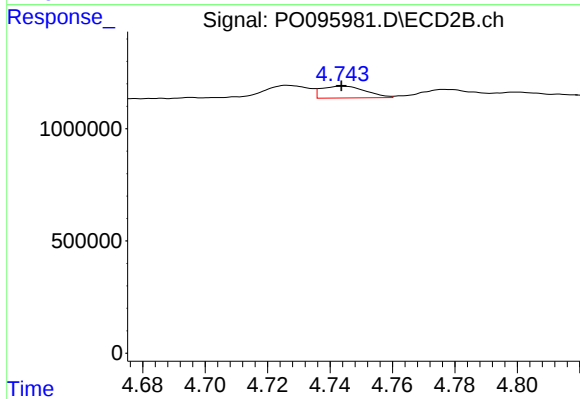
#3 AR-1016-1

R.T.: 4.727 min
Delta R.T.: 0.002 min
Response: 697617
Conc: 15.27 ng/ml



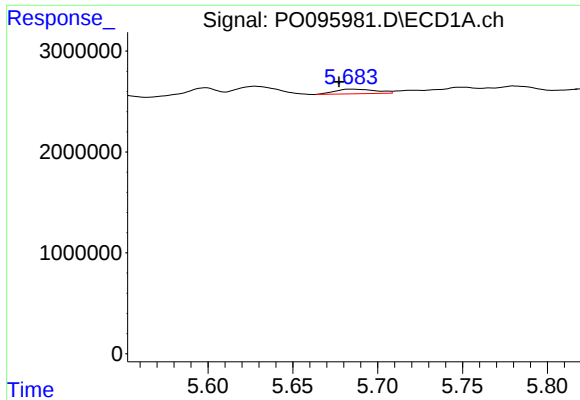
#4 AR-1016-2

R.T.: 5.628 min
Delta R.T.: 0.013 min
Response: 1591511
Conc: 13.36 ng/ml



#4 AR-1016-2

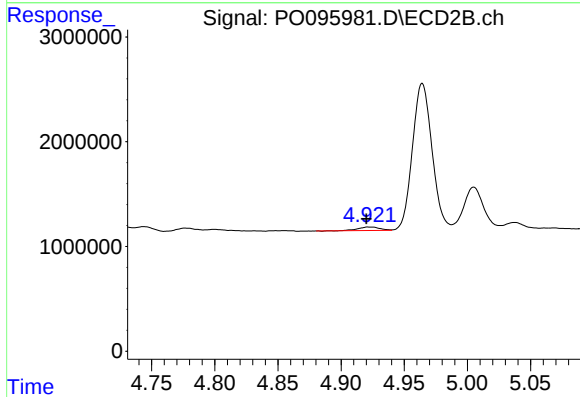
R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 516892
Conc: 8.29 ng/ml



#5 AR-1016-3

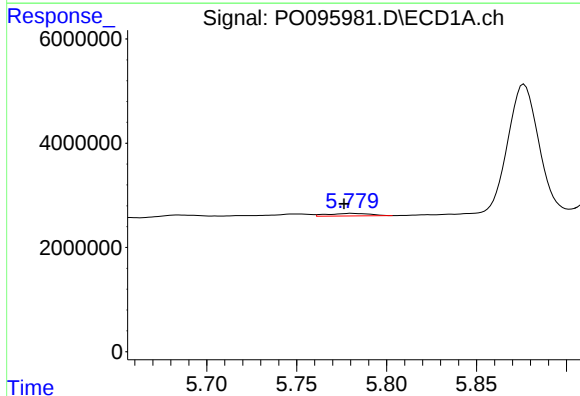
R.T.: 5.684 min
Delta R.T.: 0.007 min
Response: 776287
Conc: 10.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



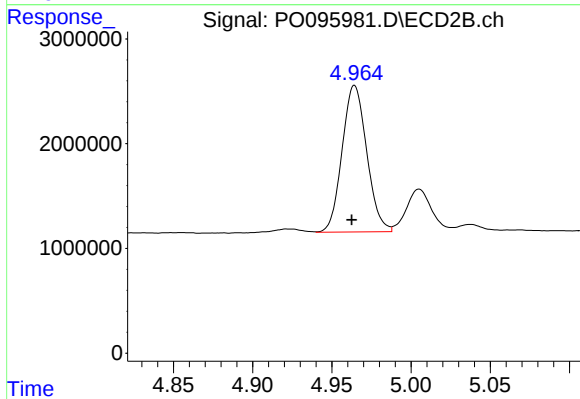
#5 AR-1016-3

R.T.: 4.923 min
Delta R.T.: 0.003 min
Response: 393298
Conc: 11.67 ng/ml



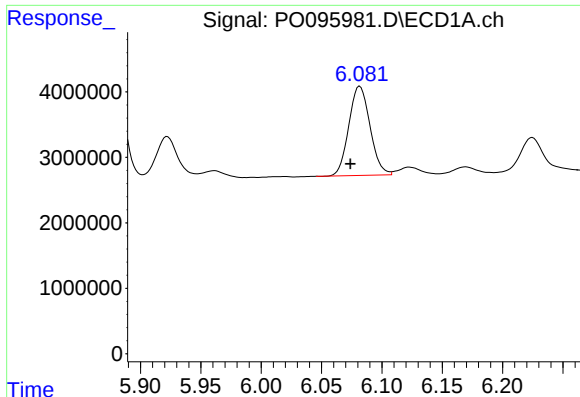
#6 AR-1016-4

R.T.: 5.780 min
Delta R.T.: 0.004 min
Response: 828325
Conc: 13.82 ng/ml



#6 AR-1016-4

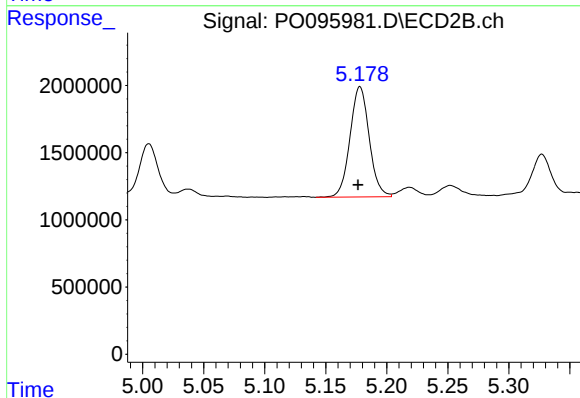
R.T.: 4.964 min
Delta R.T.: 0.002 min
Response: 15131866
Conc: 459.27 ng/ml



#7 AR-1016-5

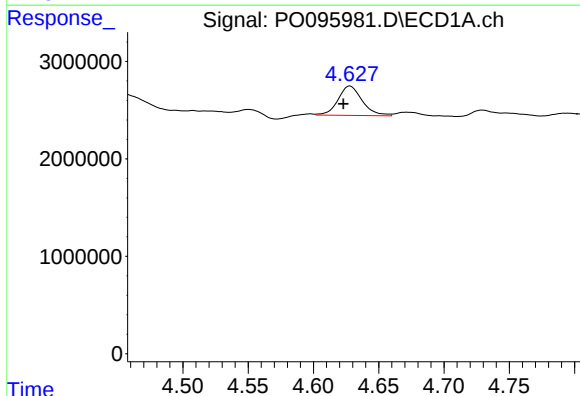
R.T.: 6.082 min
Delta R.T.: 0.008 min
Response: 16671137
Conc: 268.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



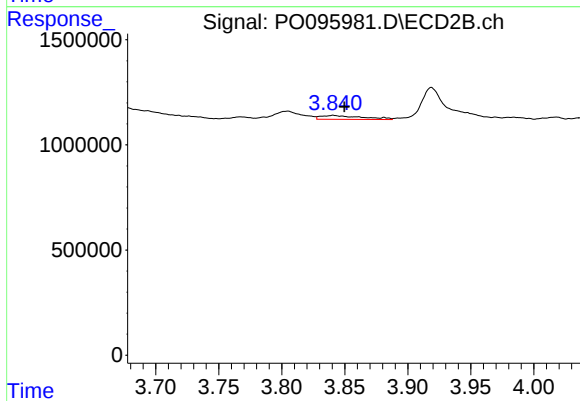
#7 AR-1016-5

R.T.: 5.178 min
Delta R.T.: 0.002 min
Response: 8986170
Conc: 246.58 ng/ml



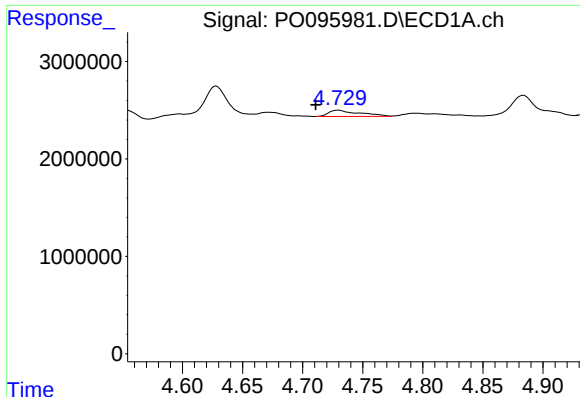
#8 AR-1221-1

R.T.: 4.628 min
Delta R.T.: 0.005 min
Response: 3876918
Conc: 108.40 ng/ml



#8 AR-1221-1

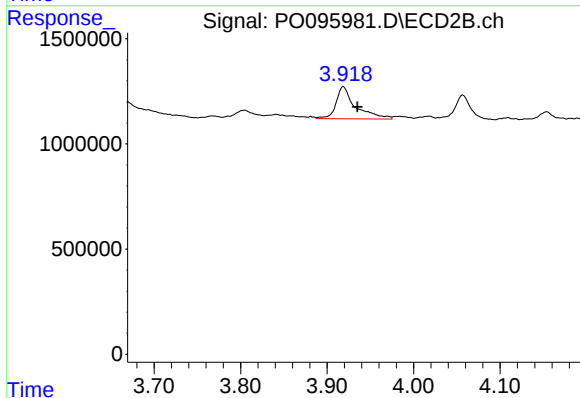
R.T.: 3.841 min
Delta R.T.: -0.009 min
Response: 415812
Conc: 24.19 ng/ml



#9 AR-1221-2

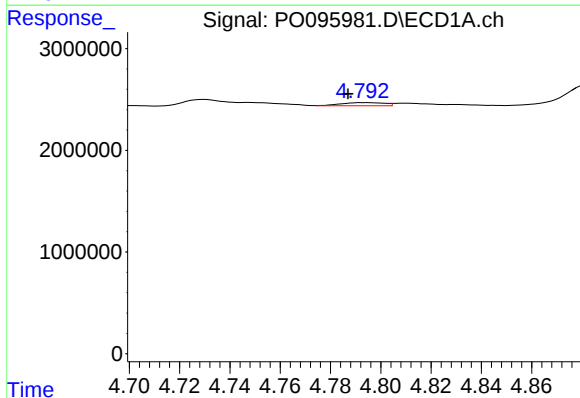
R.T.: 4.730 min
Delta R.T.: 0.019 min
Response: 1142291
Conc: 42.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



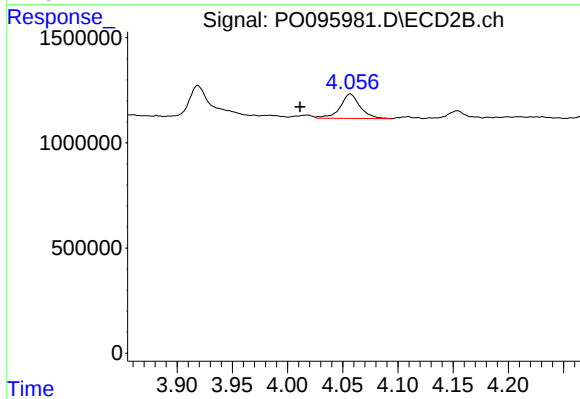
#9 AR-1221-2

R.T.: 3.919 min
Delta R.T.: -0.016 min
Response: 2377453
Conc: 180.27 ng/ml



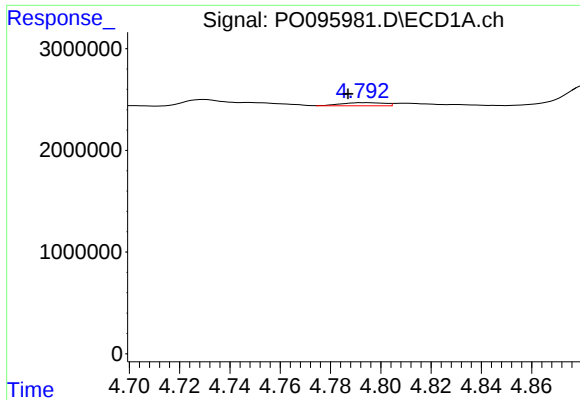
#10 AR-1221-3

R.T.: 4.794 min
Delta R.T.: 0.007 min
Response: 370858
Conc: 4.65 ng/ml



#10 AR-1221-3

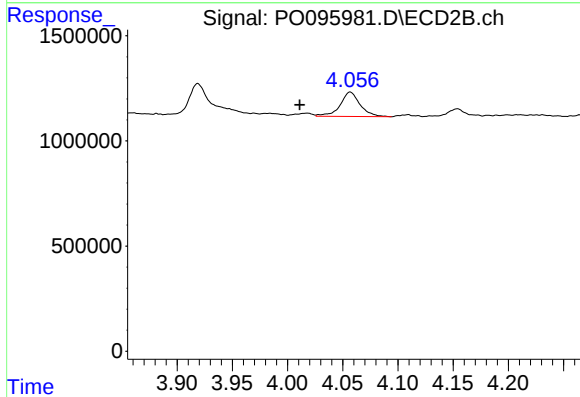
R.T.: 4.057 min
Delta R.T.: 0.046 min
Response: 1464712
Conc: 36.94 ng/ml



#11 AR-1232-1

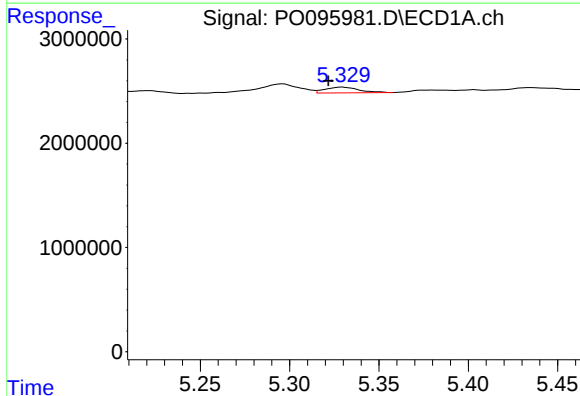
R.T.: 4.794 min
Delta R.T.: 0.007 min
Response: 370858
Conc: 6.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



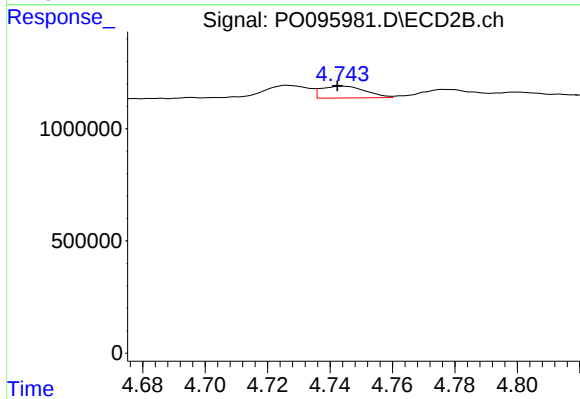
#11 AR-1232-1

R.T.: 4.057 min
Delta R.T.: 0.046 min
Response: 1464712
Conc: 48.72 ng/ml



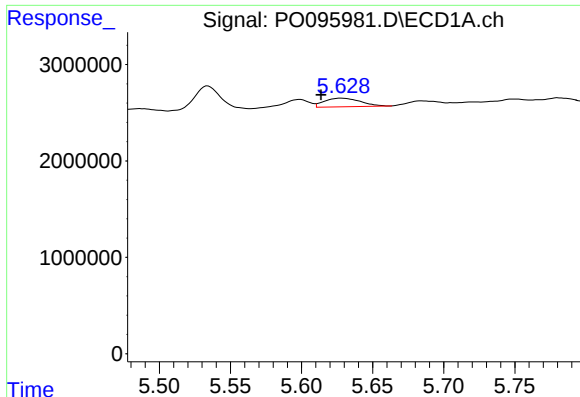
#12 AR-1232-2

R.T.: 5.329 min
Delta R.T.: 0.008 min
Response: 726127
Conc: 20.88 ng/ml



#12 AR-1232-2

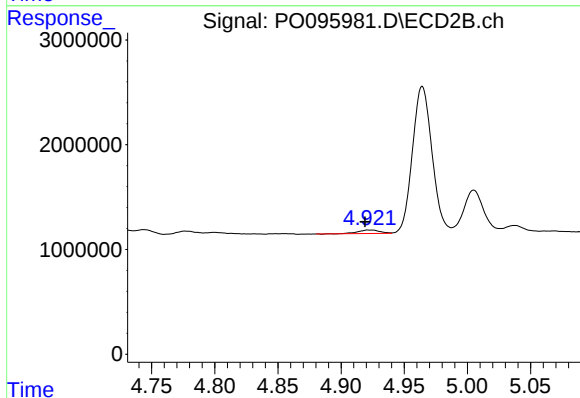
R.T.: 4.744 min
Delta R.T.: 0.002 min
Response: 516892
Conc: 17.39 ng/ml



#13 AR-1232-3

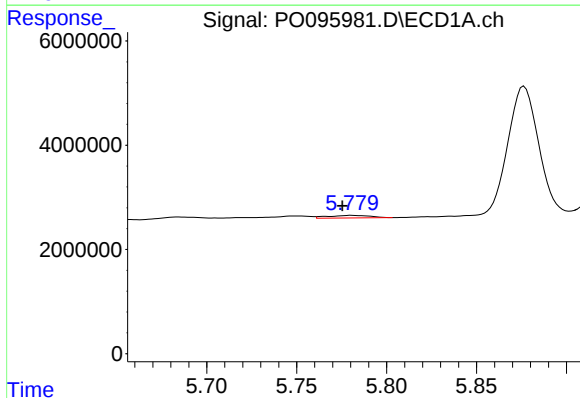
R.T.: 5.628 min
Delta R.T.: 0.014 min
Response: 1591511
Conc: 27.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



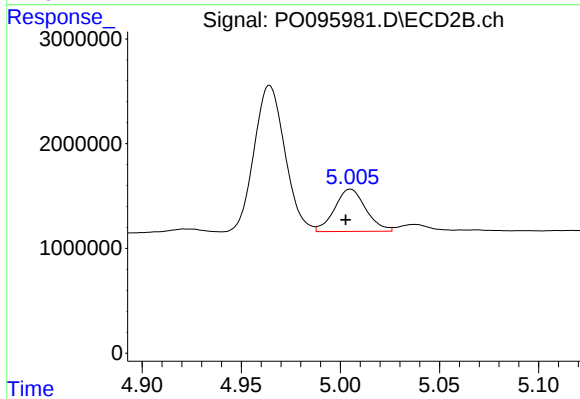
#13 AR-1232-3

R.T.: 4.923 min
Delta R.T.: 0.004 min
Response: 393298
Conc: 24.62 ng/ml



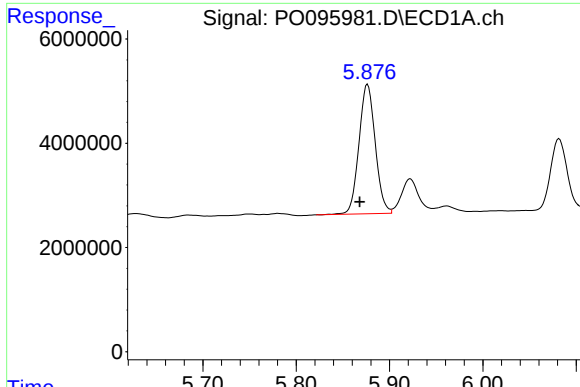
#14 AR-1232-4

R.T.: 5.780 min
Delta R.T.: 0.005 min
Response: 828325
Conc: 28.93 ng/ml



#14 AR-1232-4

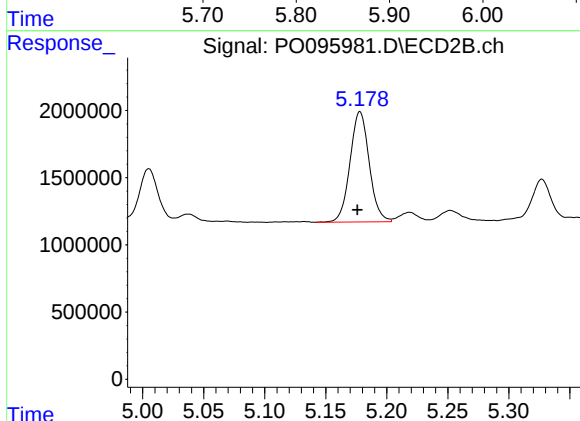
R.T.: 5.005 min
Delta R.T.: 0.002 min
Response: 4430307
Conc: 282.08 ng/ml



#15 AR-1232-5

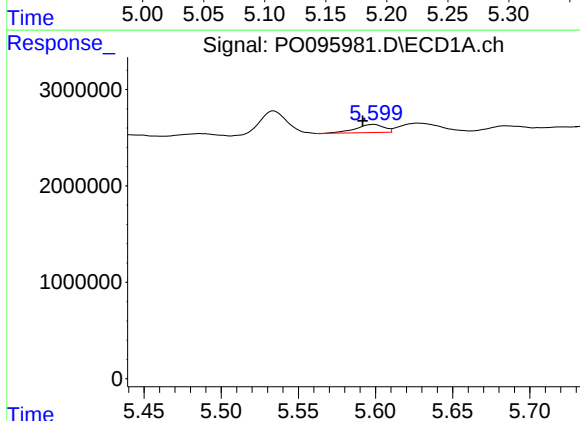
R.T.: 5.876 min
Delta R.T.: 0.009 min
Response: 30107753
Conc: 1212.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



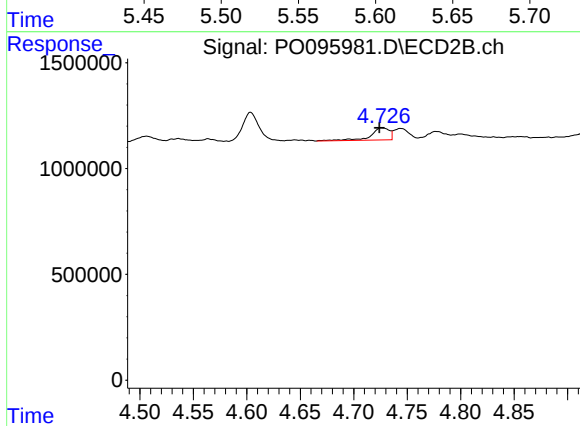
#15 AR-1232-5

R.T.: 5.178 min
Delta R.T.: 0.002 min
Response: 8986170
Conc: 499.37 ng/ml



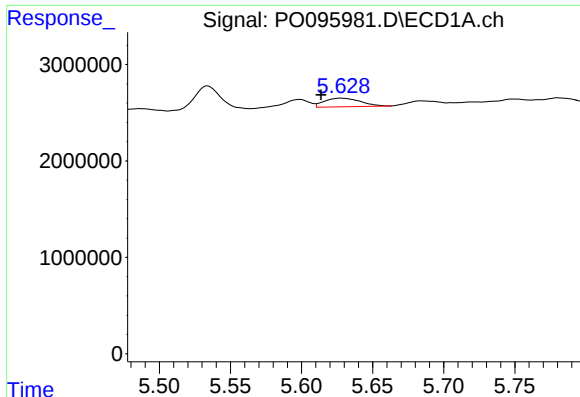
#16 AR-1242-1

R.T.: 5.599 min
Delta R.T.: 0.007 min
Response: 1063443
Conc: 16.09 ng/ml



#16 AR-1242-1

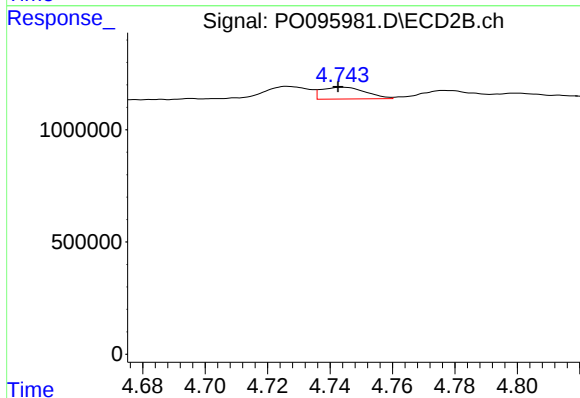
R.T.: 4.727 min
Delta R.T.: 0.003 min
Response: 697617
Conc: 19.30 ng/ml



#17 AR-1242-2

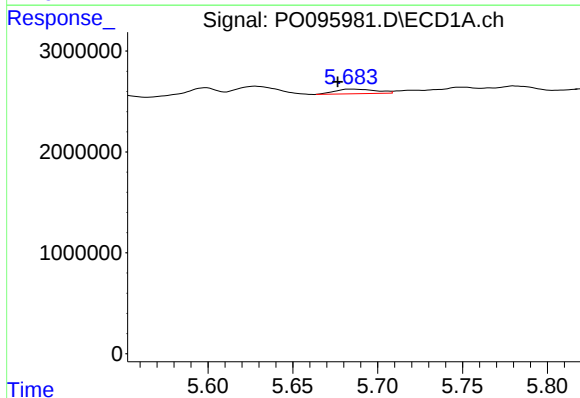
R.T.: 5.628 min
Delta R.T.: 0.014 min
Response: 1591511
Conc: 16.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



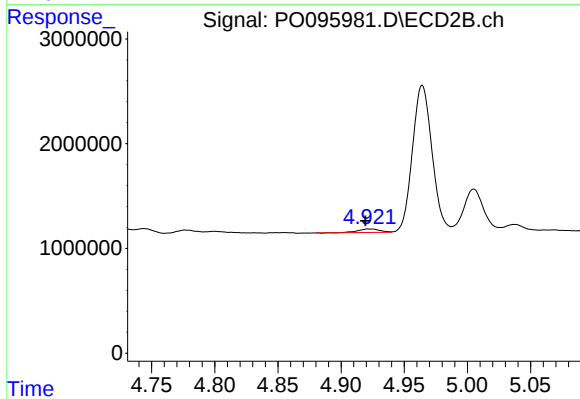
#17 AR-1242-2

R.T.: 4.744 min
Delta R.T.: 0.001 min
Response: 516892
Conc: 10.54 ng/ml



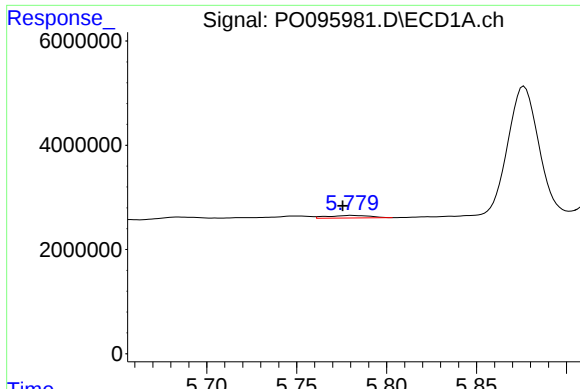
#18 AR-1242-3

R.T.: 5.684 min
Delta R.T.: 0.008 min
Response: 776287
Conc: 12.24 ng/ml



#18 AR-1242-3

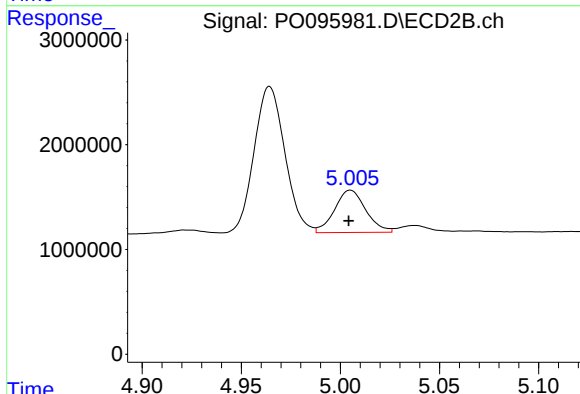
R.T.: 4.923 min
Delta R.T.: 0.004 min
Response: 393298
Conc: 14.67 ng/ml



#19 AR-1242-4

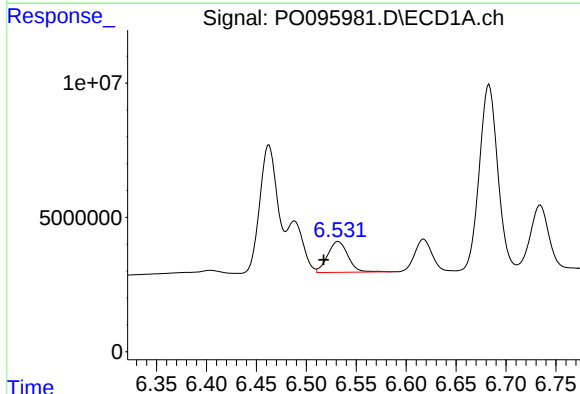
R.T.: 5.780 min
Delta R.T.: 0.005 min
Response: 828325
Conc: 16.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



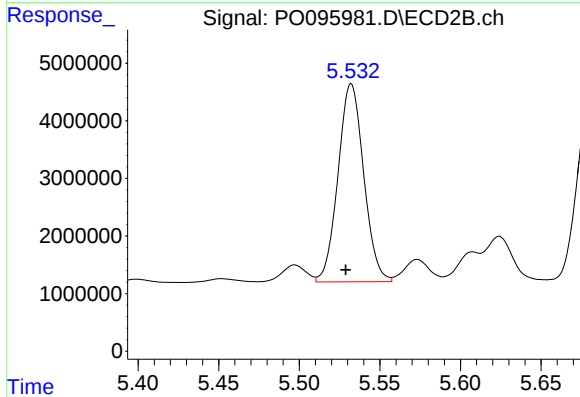
#19 AR-1242-4

R.T.: 5.005 min
Delta R.T.: 0.000 min
Response: 4430307
Conc: 149.85 ng/ml



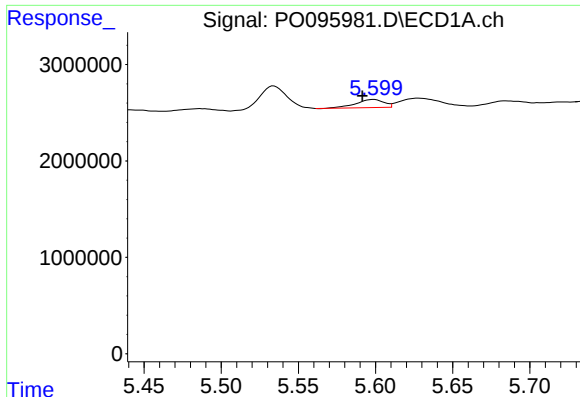
#20 AR-1242-5

R.T.: 6.532 min
Delta R.T.: 0.015 min
Response: 16250103
Conc: 328.64 ng/ml



#20 AR-1242-5

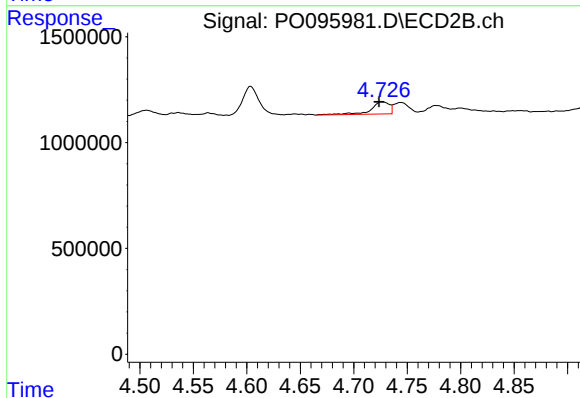
R.T.: 5.532 min
Delta R.T.: 0.003 min
Response: 38119718
Conc: 1073.78 ng/ml



#21 AR-1248-1

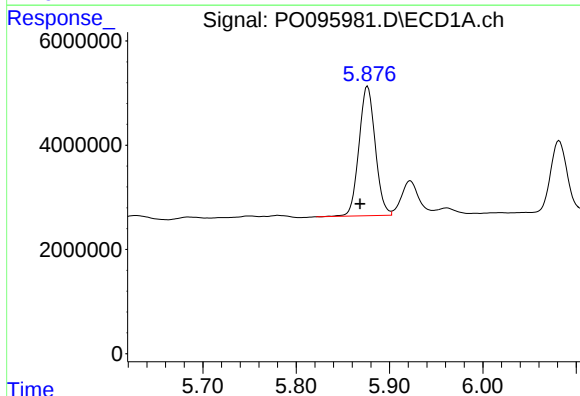
R.T.: 5.599 min
Delta R.T.: 0.007 min
Response: 1063443
Conc: 21.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



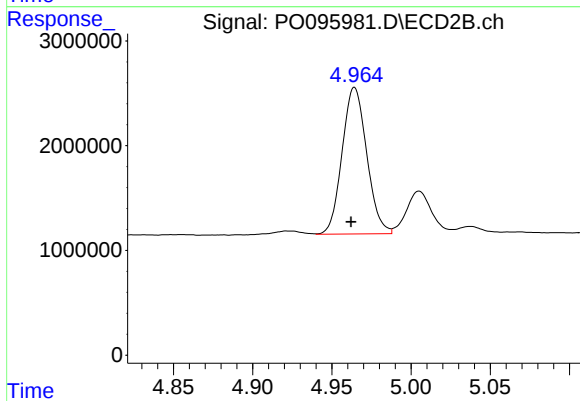
#21 AR-1248-1

R.T.: 4.727 min
Delta R.T.: 0.003 min
Response: 697617
Conc: 25.72 ng/ml



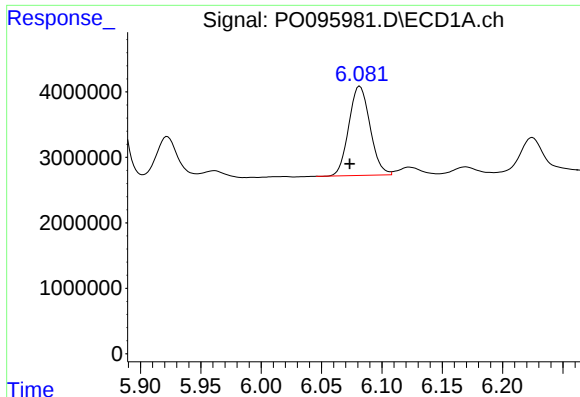
#22 AR-1248-2

R.T.: 5.876 min
Delta R.T.: 0.008 min
Response: 30107753
Conc: 365.67 ng/ml



#22 AR-1248-2

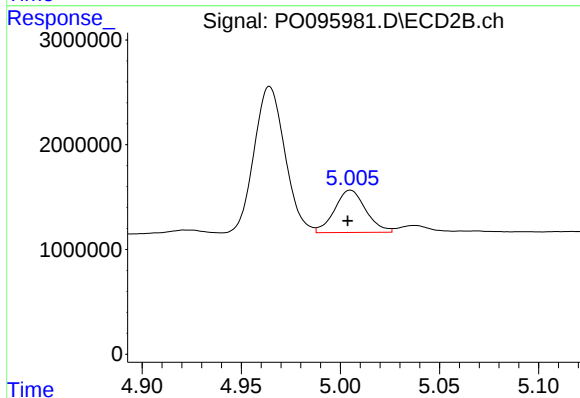
R.T.: 4.964 min
Delta R.T.: 0.002 min
Response: 15131866
Conc: 378.42 ng/ml



#23 AR-1248-3

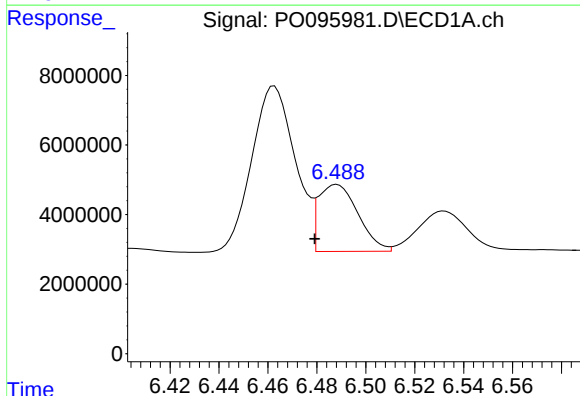
R.T.: 6.082 min
Delta R.T.: 0.008 min
Response: 16671137
Conc: 193.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



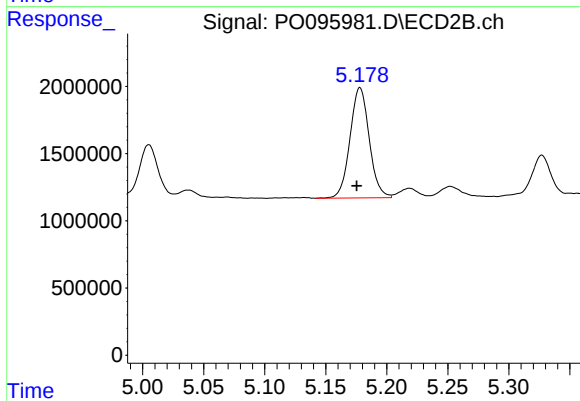
#23 AR-1248-3

R.T.: 5.005 min
Delta R.T.: 0.001 min
Response: 4430307
Conc: 102.97 ng/ml



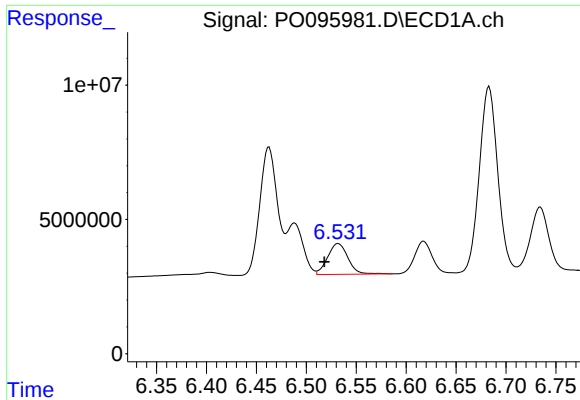
#24 AR-1248-4

R.T.: 6.488 min
Delta R.T.: 0.009 min
Response: 21525277
Conc: 258.99 ng/ml



#24 AR-1248-4

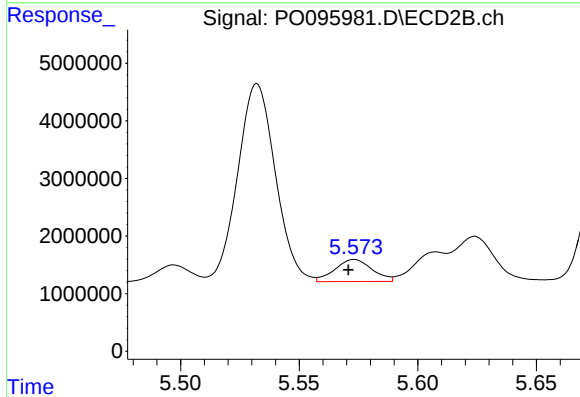
R.T.: 5.178 min
Delta R.T.: 0.003 min
Response: 8986170
Conc: 172.77 ng/ml



#25 AR-1248-5

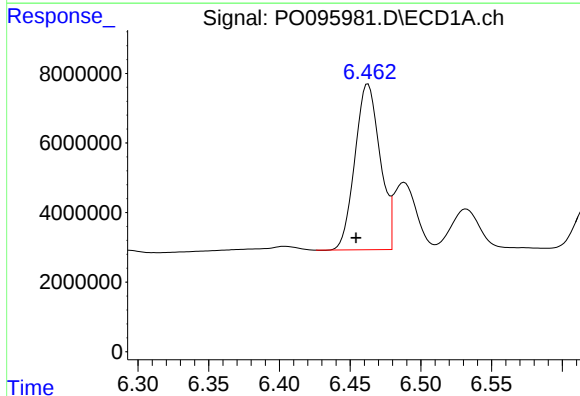
R.T.: 6.532 min
Delta R.T.: 0.014 min
Response: 16250103
Conc: 193.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



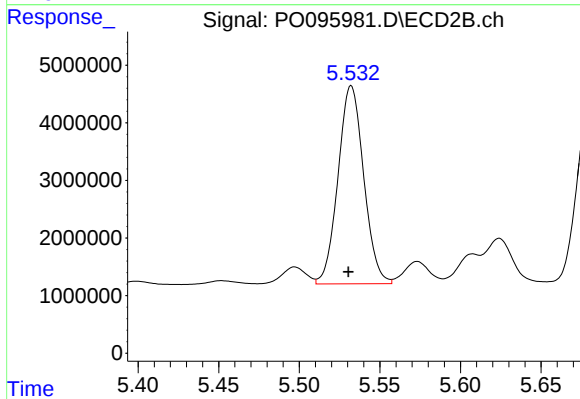
#25 AR-1248-5

R.T.: 5.573 min
Delta R.T.: 0.003 min
Response: 4186540
Conc: 83.45 ng/ml



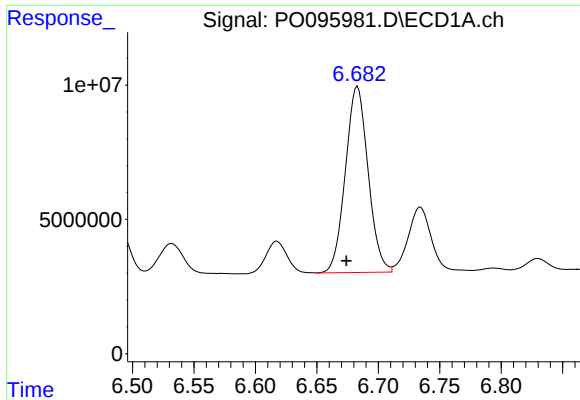
#26 AR-1254-1

R.T.: 6.463 min
Delta R.T.: 0.008 min
Response: 58864147
Conc: 618.22 ng/ml



#26 AR-1254-1

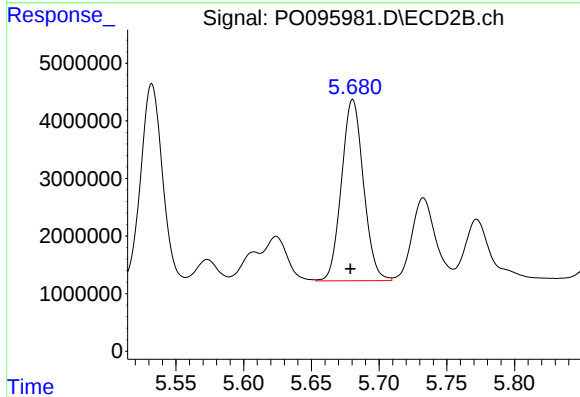
R.T.: 5.532 min
Delta R.T.: 0.002 min
Response: 38119718
Conc: 514.69 ng/ml



#27 AR-1254-2

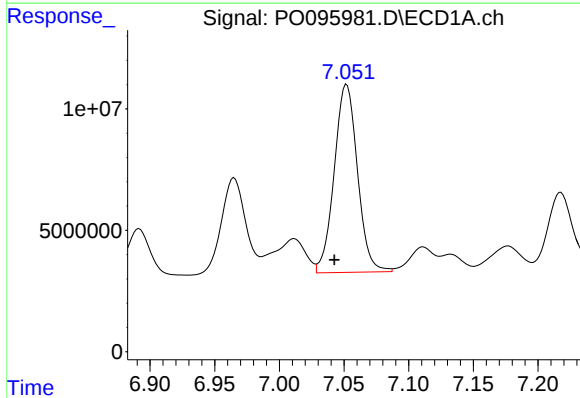
R.T.: 6.683 min
Delta R.T.: 0.009 min
Response: 89029414
Conc: 641.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



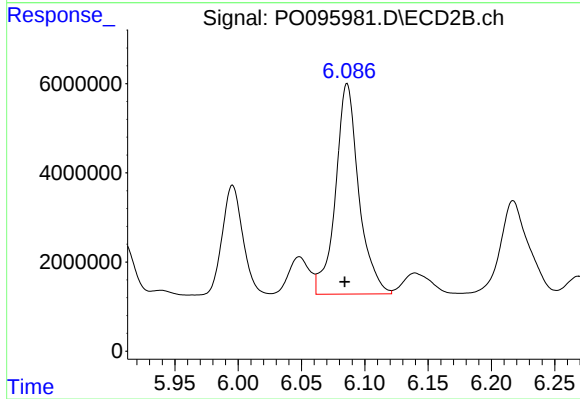
#27 AR-1254-2

R.T.: 5.681 min
Delta R.T.: 0.002 min
Response: 35565620
Conc: 521.17 ng/ml



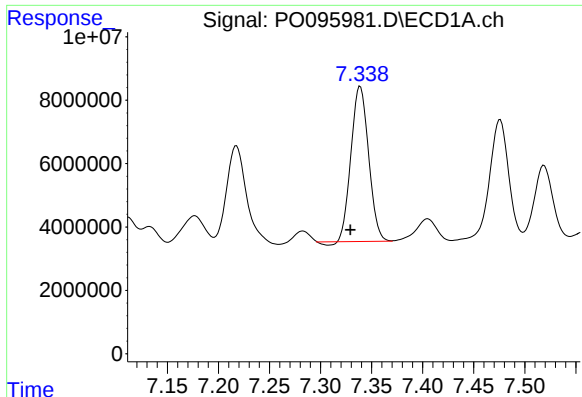
#28 AR-1254-3

R.T.: 7.052 min
Delta R.T.: 0.010 min
Response: 97058530
Conc: 718.41 ng/ml



#28 AR-1254-3

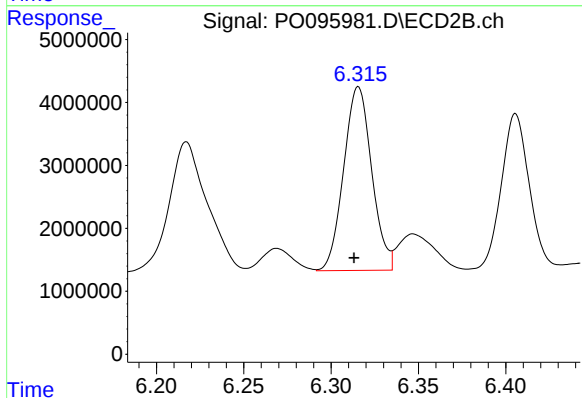
R.T.: 6.086 min
Delta R.T.: 0.002 min
Response: 60397909
Conc: 606.53 ng/ml



#29 AR-1254-4

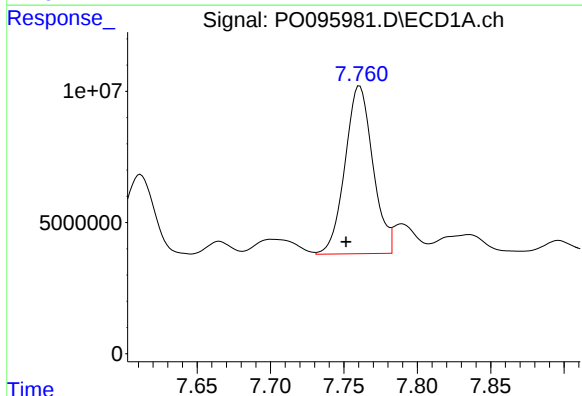
R.T.: 7.339 min
Delta R.T.: 0.010 min
Response: 58431421
Conc: 651.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



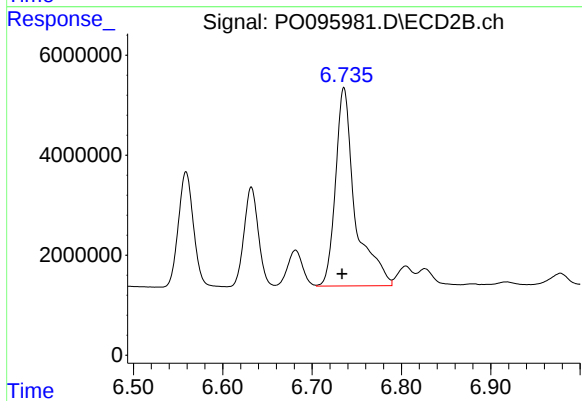
#29 AR-1254-4

R.T.: 6.316 min
Delta R.T.: 0.002 min
Response: 32629500
Conc: 552.86 ng/ml



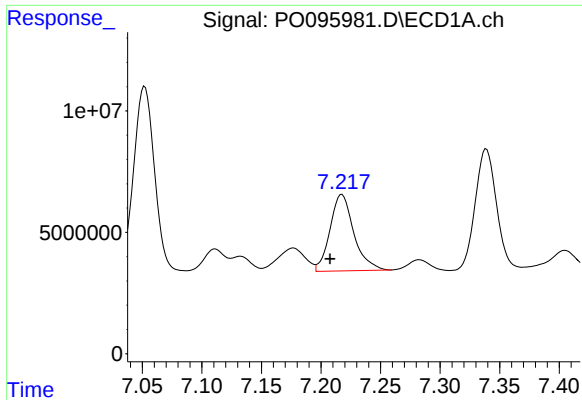
#30 AR-1254-5

R.T.: 7.761 min
Delta R.T.: 0.009 min
Response: 84311398
Conc: 819.61 ng/ml



#30 AR-1254-5

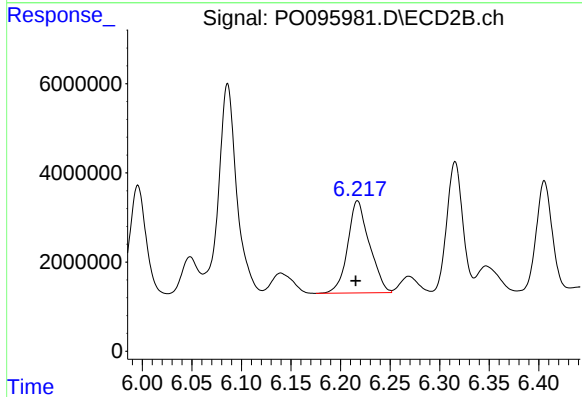
R.T.: 6.736 min
Delta R.T.: 0.002 min
Response: 60523757
Conc: 678.76 ng/ml



#31 AR-1260-1

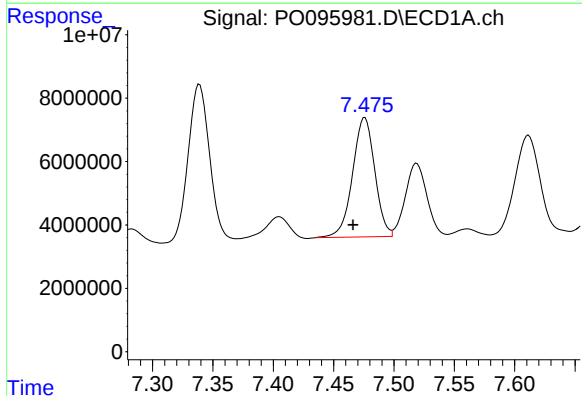
R.T.: 7.218 min
Delta R.T.: 0.010 min
Response: 43817725
Conc: 385.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



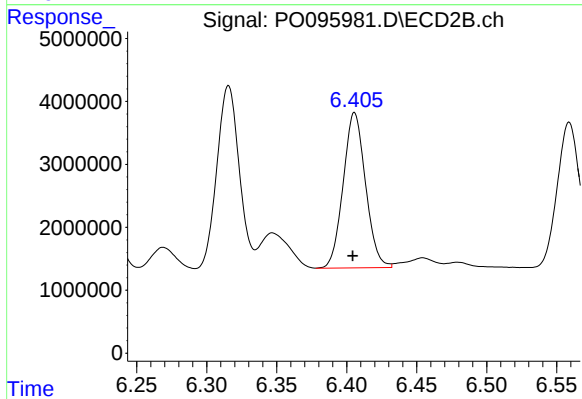
#31 AR-1260-1

R.T.: 6.217 min
Delta R.T.: 0.002 min
Response: 31480455
Conc: 438.62 ng/ml



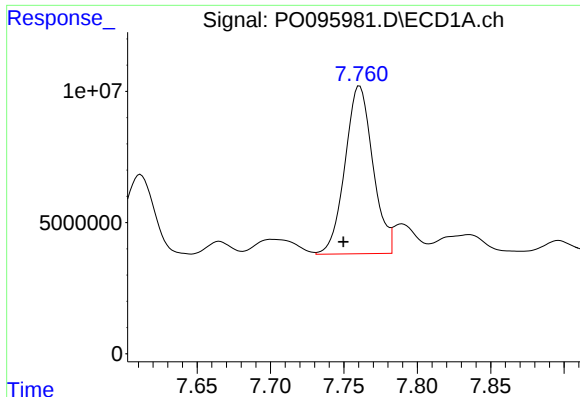
#32 AR-1260-2

R.T.: 7.476 min
Delta R.T.: 0.010 min
Response: 48226986
Conc: 397.18 ng/ml



#32 AR-1260-2

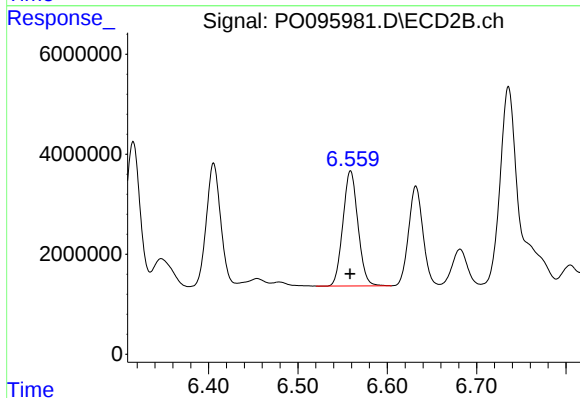
R.T.: 6.406 min
Delta R.T.: 0.001 min
Response: 27448356
Conc: 329.50 ng/ml



#33 AR-1260-3

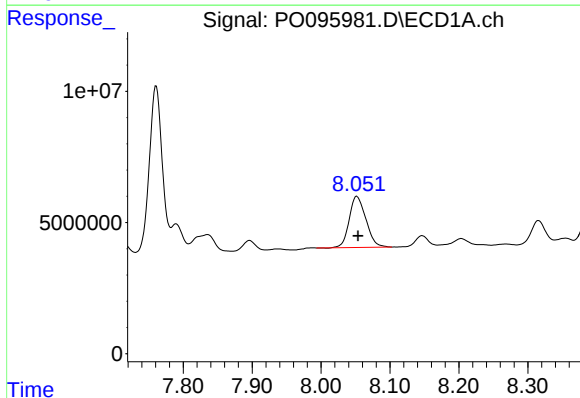
R.T.: 7.761 min
Delta R.T.: 0.011 min
Response: 84311398
Conc: 608.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



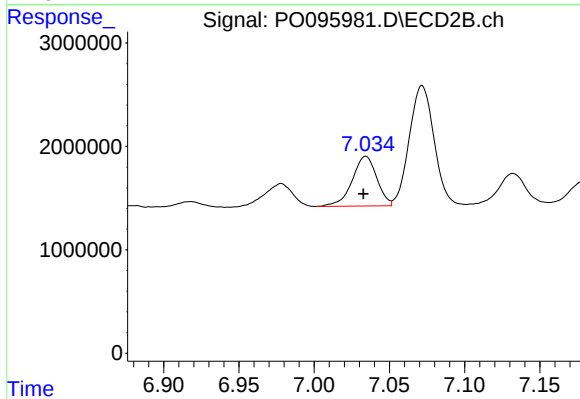
#33 AR-1260-3

R.T.: 6.559 min
Delta R.T.: 0.000 min
Response: 26873896
Conc: 348.86 ng/ml



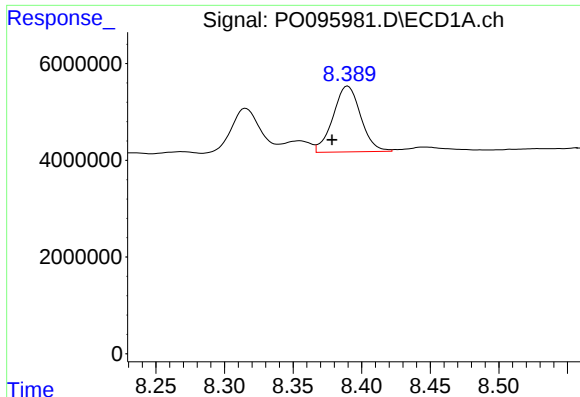
#34 AR-1260-4

R.T.: 8.052 min
Delta R.T.: -0.002 min
Response: 32725458
Conc: 342.27 ng/ml



#34 AR-1260-4

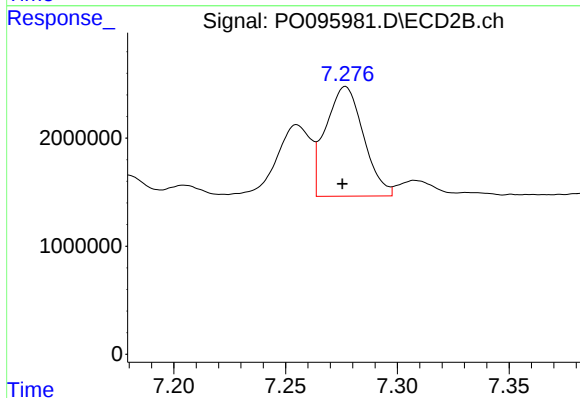
R.T.: 7.034 min
Delta R.T.: 0.002 min
Response: 5465154
Conc: 95.81 ng/ml



#35 AR-1260-5

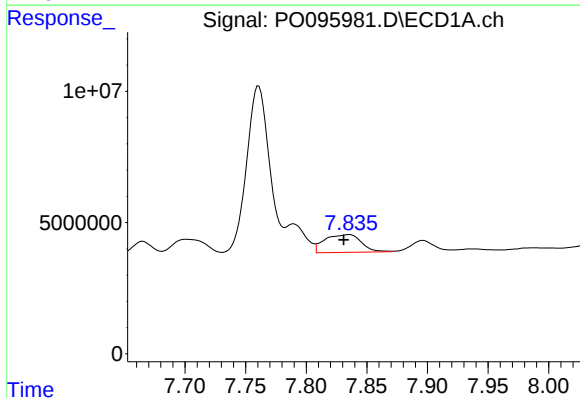
R.T.: 8.390 min
Delta R.T.: 0.012 min
Response: 19114481
Conc: 114.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



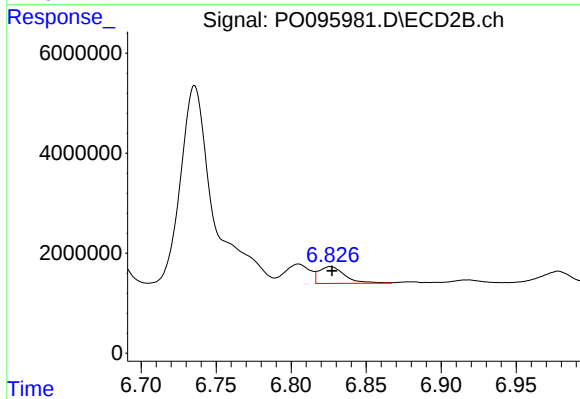
#35 AR-1260-5

R.T.: 7.277 min
Delta R.T.: 0.001 min
Response: 11938600
Conc: 93.00 ng/ml



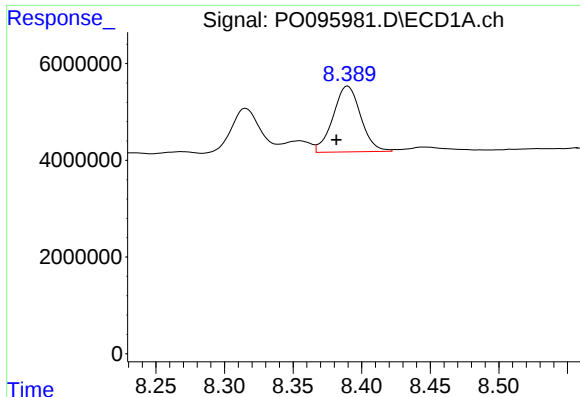
#36 AR-1262-1

R.T.: 7.835 min
Delta R.T.: 0.004 min
Response: 14159891
Conc: 105.49 ng/ml



#36 AR-1262-1

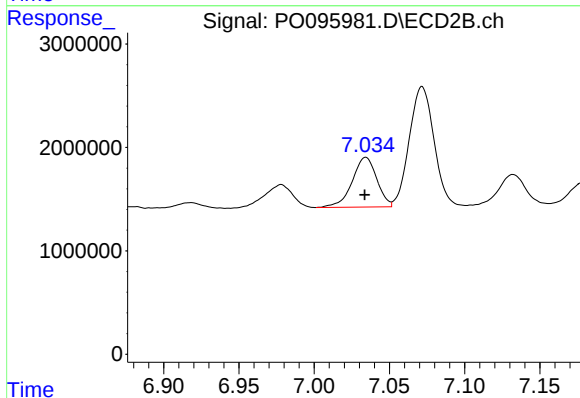
R.T.: 6.826 min
Delta R.T.: 0.000 min
Response: 4013460
Conc: 104.93 ng/ml



#37 AR-1262-2

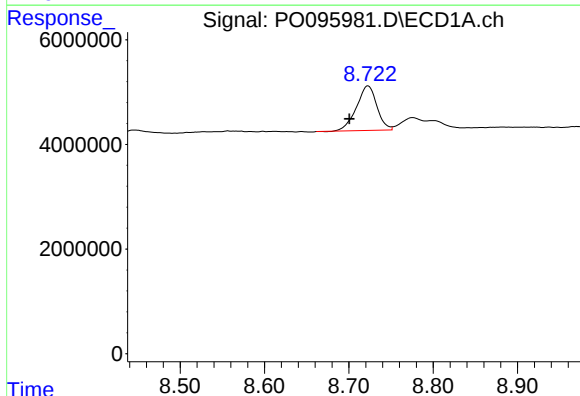
R.T.: 8.390 min
Delta R.T.: 0.008 min
Response: 19114481
Conc: 92.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



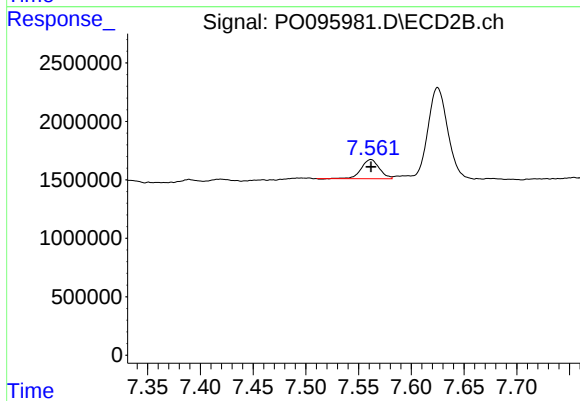
#37 AR-1262-2

R.T.: 7.034 min
Delta R.T.: 0.000 min
Response: 5465154
Conc: 69.32 ng/ml



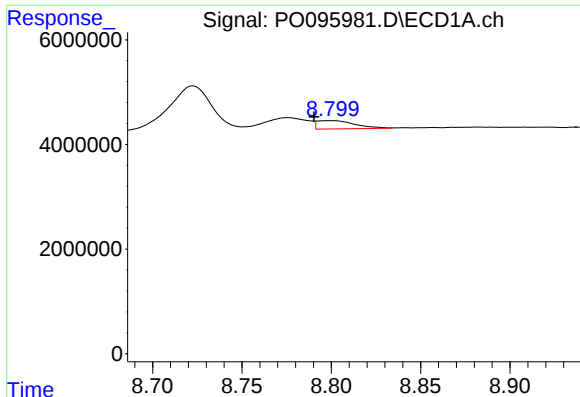
#38 AR-1262-3

R.T.: 8.723 min
Delta R.T.: 0.022 min
Response: 14301406
Conc: 94.49 ng/ml



#38 AR-1262-3

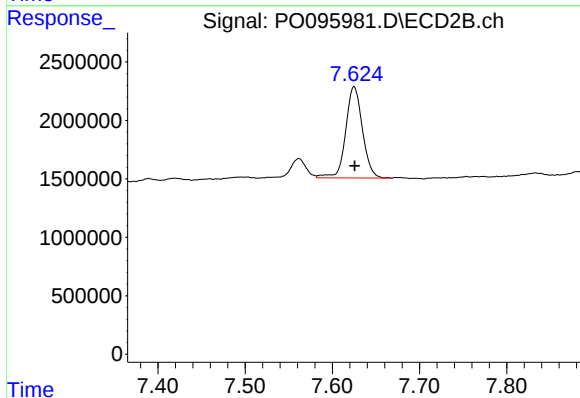
R.T.: 7.562 min
Delta R.T.: 0.000 min
Response: 1938092
Conc: 31.27 ng/ml



#39 AR-1262-4

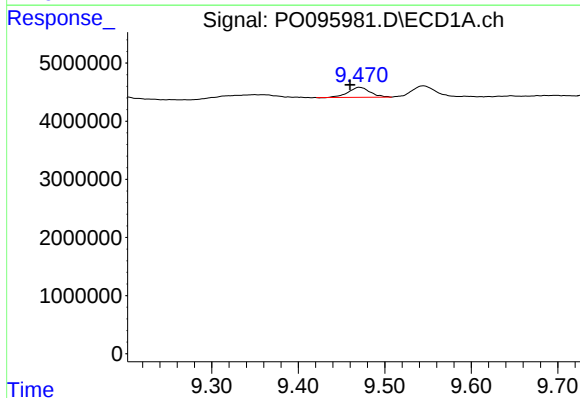
R.T.: 8.800 min
Delta R.T.: 0.010 min
Response: 2319493
Conc: 19.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



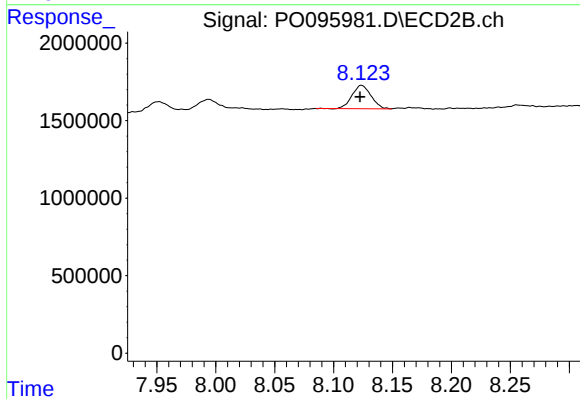
#39 AR-1262-4

R.T.: 7.625 min
Delta R.T.: 0.000 min
Response: 10434748
Conc: 96.01 ng/ml



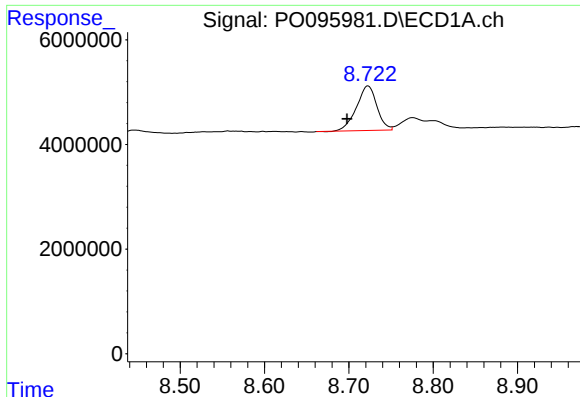
#40 AR-1262-5

R.T.: 9.471 min
Delta R.T.: 0.011 min
Response: 2968456
Conc: 39.29 ng/ml



#40 AR-1262-5

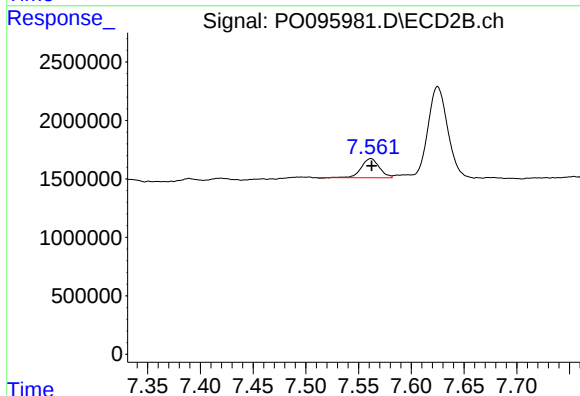
R.T.: 8.124 min
Delta R.T.: 0.001 min
Response: 1703709
Conc: 33.54 ng/ml



#41 AR-1268-1

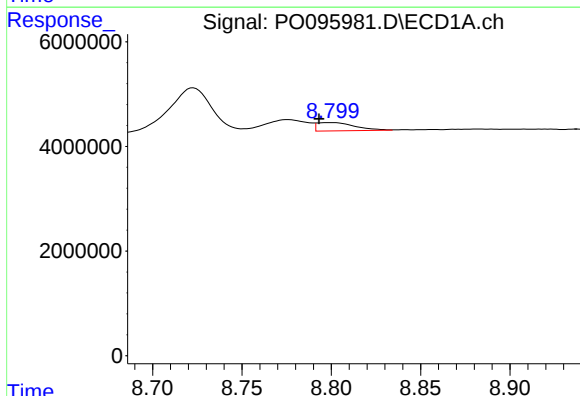
R.T.: 8.723 min
Delta R.T.: 0.025 min
Response: 14301406
Conc: 52.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



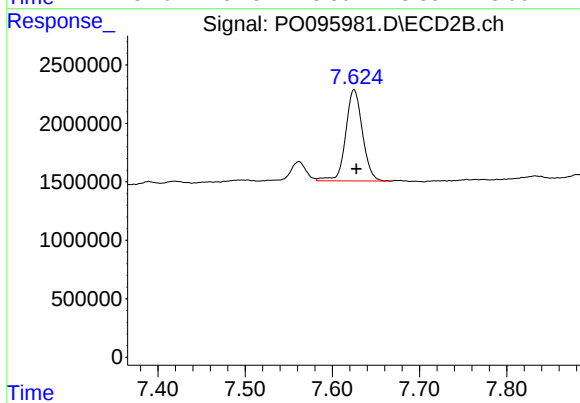
#41 AR-1268-1

R.T.: 7.562 min
Delta R.T.: 0.000 min
Response: 1938092
Conc: 10.96 ng/ml



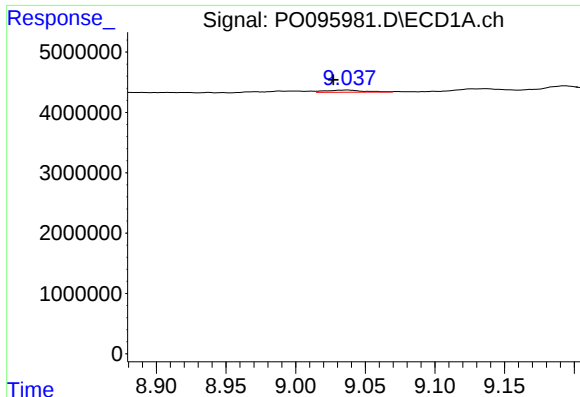
#42 AR-1268-2

R.T.: 8.800 min
Delta R.T.: 0.007 min
Response: 2319493
Conc: 9.40 ng/ml



#42 AR-1268-2

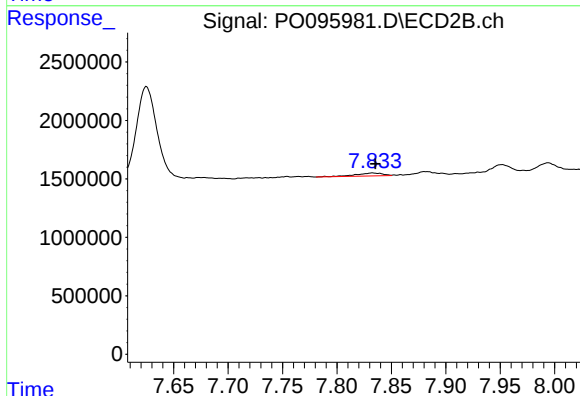
R.T.: 7.625 min
Delta R.T.: -0.002 min
Response: 10434748
Conc: 66.63 ng/ml



#43 AR-1268-3

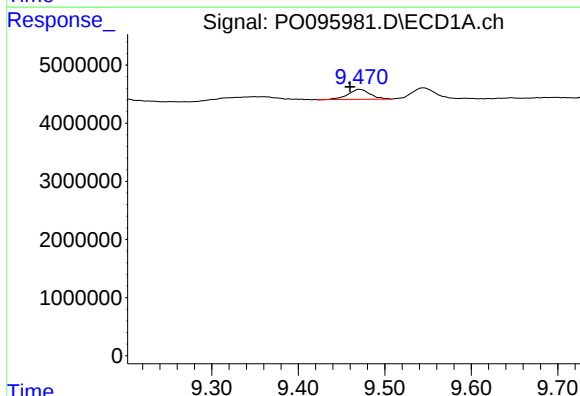
R.T.: 9.037 min
Delta R.T.: 0.010 min
Response: 665398
Conc: 2.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



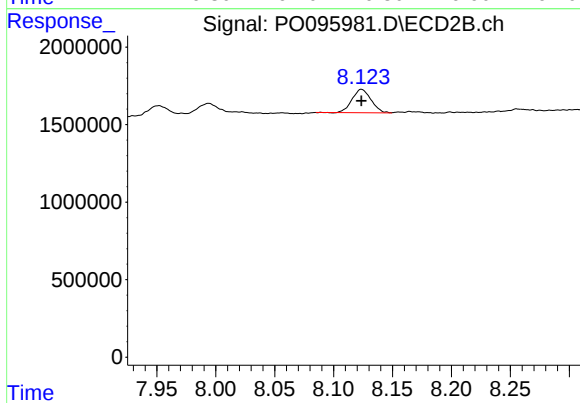
#43 AR-1268-3

R.T.: 7.833 min
Delta R.T.: -0.003 min
Response: 429991
Conc: 3.09 ng/ml



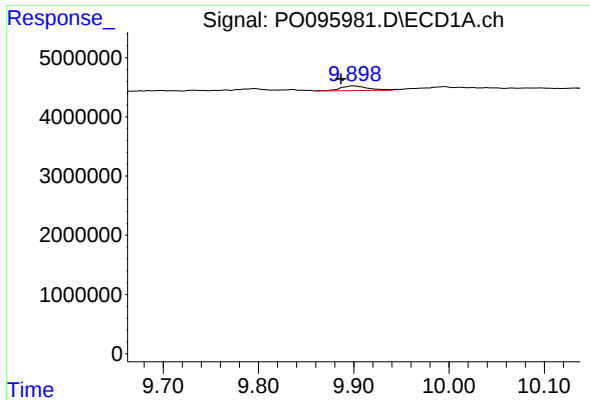
#44 AR-1268-4

R.T.: 9.471 min
Delta R.T.: 0.011 min
Response: 2968456
Conc: 35.87 ng/ml



#44 AR-1268-4

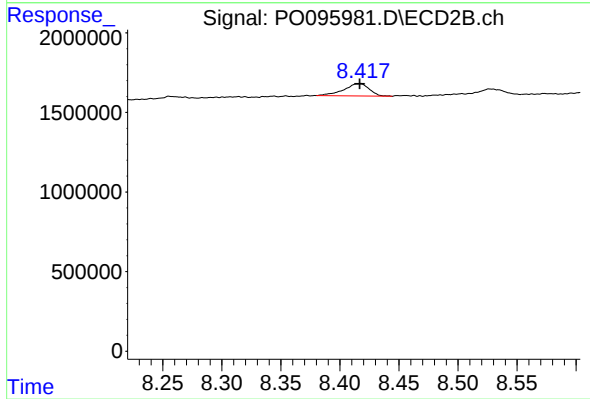
R.T.: 8.124 min
Delta R.T.: 0.000 min
Response: 1703709
Conc: 30.67 ng/ml



#45 AR-1268-5

R.T.: 9.899 min
Delta R.T.: 0.012 min
Response: 1582096
Conc: 2.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.417 min
Delta R.T.: 0.000 min
Response: 1165028
Conc: 2.78 ng/ml