

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081523\
 Data File : P0097077.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Aug 2023 12:30
 Operator : YP/AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 16 01:45:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 08 04:34:41 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...	4.410	3.616	156.7E6	65761033	47.325	49.676
2)	SA Decachlor...	10.352	8.632	112.5E6	55938441	51.410	48.351
Target Compounds							
3)	L1 AR-1016-1	5.596	4.701	1324614	656703	14.064	14.812
4)	L1 AR-1016-2	5.623	4.719	1572833	515237	11.757	8.423 #
5)	L1 AR-1016-3	5.682	4.897	736290	375690	8.461	11.500 #
6)	L1 AR-1016-4	5.782	4.938	745680	15407962	11.101	538.996 #
7)	L1 AR-1016-5	6.084	5.151	17814234	9174278	255.156	238.625
8)	L2 AR-1221-1	4.594	0.000	321296	0	7.884	N.D. #
9)	L2 AR-1221-2	4.721	3.916	2229674	903647	73.393	69.938
10)	L2 AR-1221-3	4.786	3.988	523883	201370	5.985	5.073
11)	L3 AR-1232-1	4.786	3.988	523883	201370	7.183	6.225
12)	L3 AR-1232-2	5.323	4.719	806642	515237	20.346	17.858
13)	L3 AR-1232-3	5.623	4.897	1572833	375690	25.711	24.779
14)	L3 AR-1232-4	5.782	4.979	745680	4678437	24.437	313.051 #
15)	L3 AR-1232-5	5.876	5.151	31546690	9174278	1127.345	561.229 #
16)	L4 AR-1242-1	5.596	4.701	1324614	656703	15.804	16.657
17)	L4 AR-1242-2	5.623	4.719	1572833	515237	13.356	9.455 #
18)	L4 AR-1242-3	5.682	4.897	736290	375690	9.967	12.706 #
19)	L4 AR-1242-4	5.782	4.979	745680	4678437	12.526	148.456 #
20)	L4 AR-1242-5	6.541	5.505	15314257	34926896	278.341	958.577 #
21)	L5 AR-1248-1	5.596	4.701	1324614	656703	22.607	23.401
22)	L5 AR-1248-2	5.876	4.938	31546690	15407962	335.540	363.558
23)	L5 AR-1248-3	6.084	4.979	17814234	4678437	182.133	106.655 #
24)	L5 AR-1248-4	6.497	5.151	23123274	9174278	254.540	179.712 #
25)	L5 AR-1248-5	6.541	5.545	15314257	4359980	173.856	93.258 #
26)	L6 AR-1254-1	6.471	5.505	50875337	34926896	465.505	473.289
27)	L6 AR-1254-2	6.696	5.653	75264993	30937193	466.825	469.597
28)	L6 AR-1254-3	7.073	6.057	74911020	47950881	478.063	474.467
29)	L6 AR-1254-4	7.366	6.287	51598572	28961979	511.799	500.425
30)	L6 AR-1254-5	7.797	6.706	56349439	41779050	502.159	475.220
31)	L7 AR-1260-1	7.241	6.188	31576483	24037136	251.229	341.592 #
32)	L7 AR-1260-2	7.505	6.377	33180888	19677580	246.268	235.764
33)	L7 AR-1260-3	7.858	6.529	8179935	19065448	78.824	246.899 #
34)	L7 AR-1260-4	8.093	7.003	22332003	2044995	199.743	31.912 #
35)	L7 AR-1260-5	8.441	7.246	8234469	4874371	39.216	35.160
36)	L8 AR-1262-1	7.858	6.796	8179935	1337649	55.074	33.977 #
37)	L8 AR-1262-2	8.441	7.003	8234469	2044995	35.575	25.214 #
38)	L8 AR-1262-3	8.785	7.532	7066457	324515	42.365	5.057 #
39)	L8 AR-1262-4	8.832	7.592	2021660	4742560	27.729	41.748 #
40)	L8 AR-1262-5	9.550	8.091	259748	234560	3.119	4.466 #
41)	L9 AR-1268-1	8.785	7.532	7066457	324515	22.988	1.751 #

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Acq On : 15 Aug 2023 12:30
Operator : YP/AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

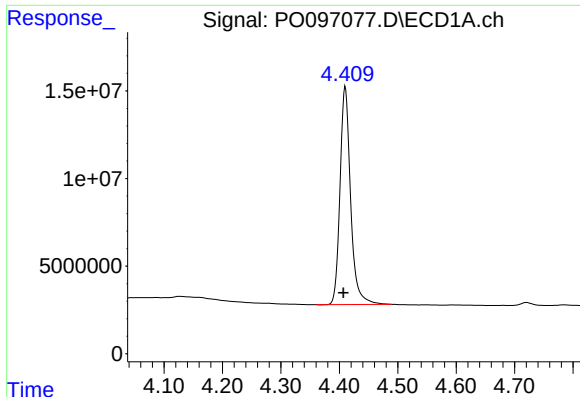
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 16 01:45:42 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080723.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 08 04:34:41 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
42) L9	AR-1268-2	8.874	7.592	181351	4742560	0.661	28.282 #
43) L9	AR-1268-3	9.099	7.803	179694	186269	0.704	1.289 #
44) L9	AR-1268-4	9.550	8.091	259748	234560	2.802	3.937 #
45) L9	AR-1268-5	9.992	8.380	912119	389769	1.129	0.937

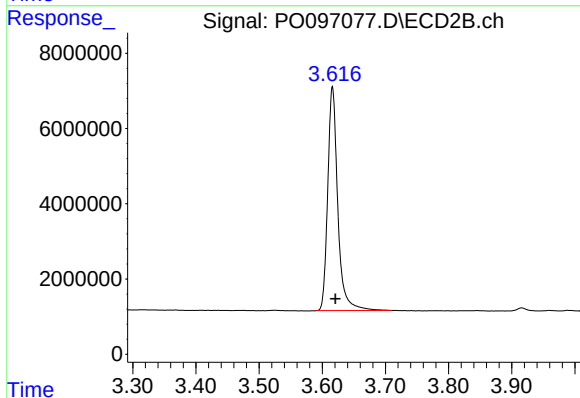
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

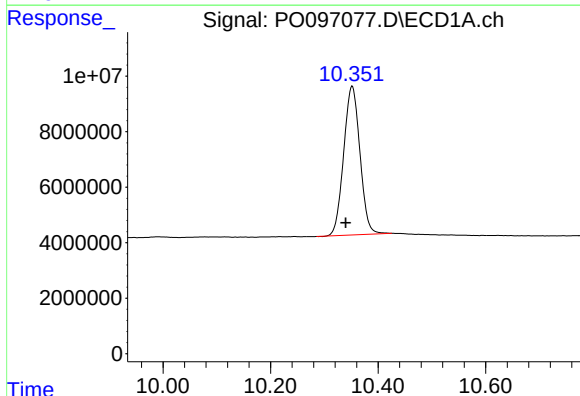
R.T.: 4.410 min
Delta R.T.: 0.003 min
Response: 156655234
Conc: 47.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



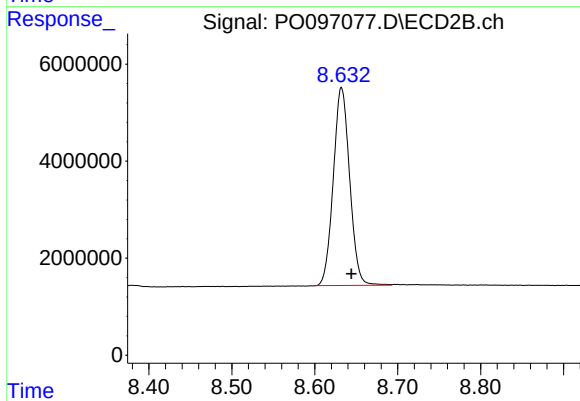
#1 Tetrachloro-m-xylene

R.T.: 3.616 min
Delta R.T.: -0.005 min
Response: 65761033
Conc: 49.68 ng/ml



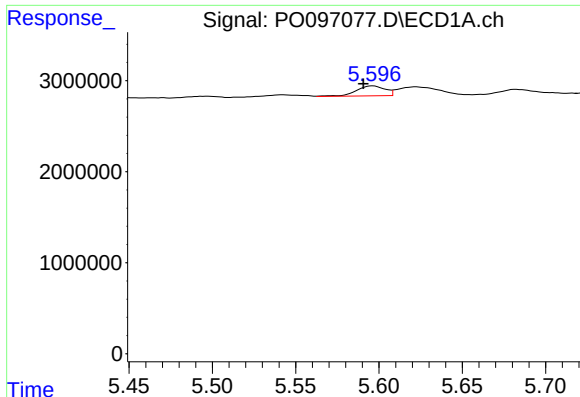
#2 Decachlorobiphenyl

R.T.: 10.352 min
Delta R.T.: 0.012 min
Response: 112494027
Conc: 51.41 ng/ml



#2 Decachlorobiphenyl

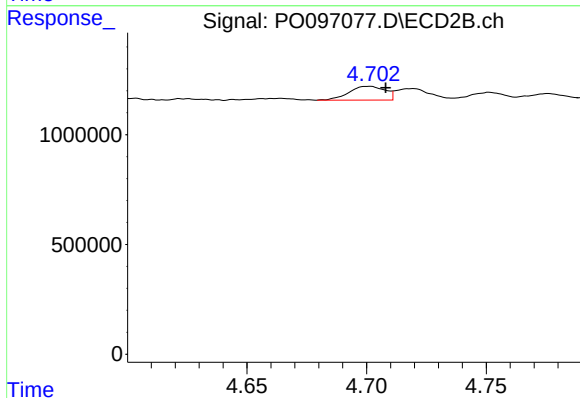
R.T.: 8.632 min
Delta R.T.: -0.012 min
Response: 55938441
Conc: 48.35 ng/ml



#3 AR-1016-1

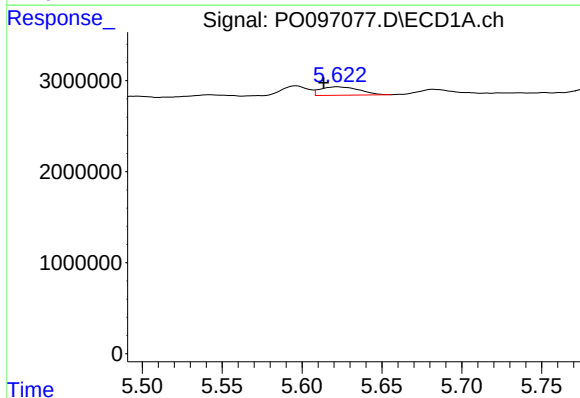
R.T.: 5.596 min
Delta R.T.: 0.006 min
Response: 1324614
Conc: 14.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



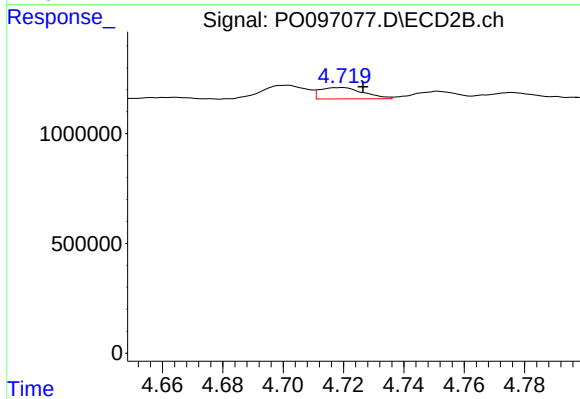
#3 AR-1016-1

R.T.: 4.701 min
Delta R.T.: -0.007 min
Response: 656703
Conc: 14.81 ng/ml



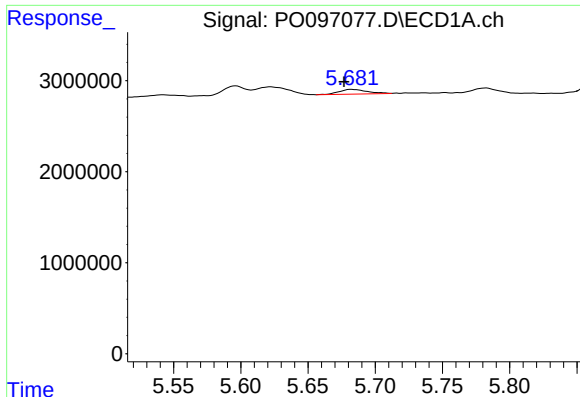
#4 AR-1016-2

R.T.: 5.623 min
Delta R.T.: 0.009 min
Response: 1572833
Conc: 11.76 ng/ml



#4 AR-1016-2

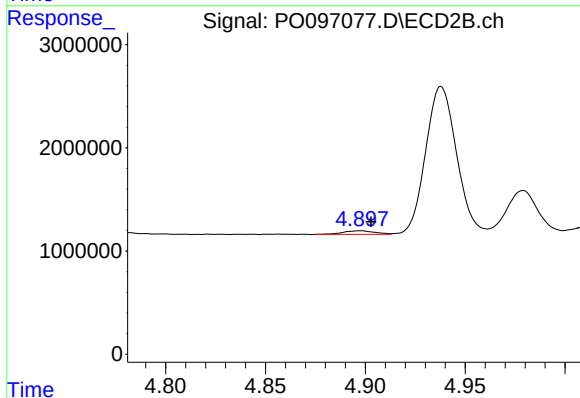
R.T.: 4.719 min
Delta R.T.: -0.008 min
Response: 515237
Conc: 8.42 ng/ml



#5 AR-1016-3

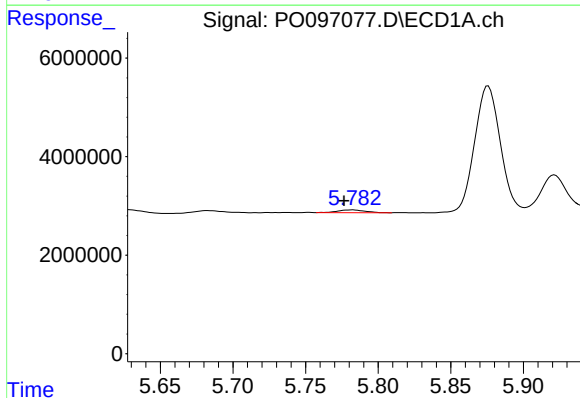
R.T.: 5.682 min
Delta R.T.: 0.005 min
Response: 736290
Conc: 8.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



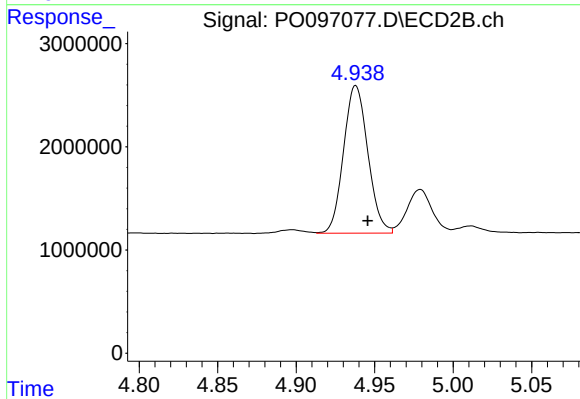
#5 AR-1016-3

R.T.: 4.897 min
Delta R.T.: -0.005 min
Response: 375690
Conc: 11.50 ng/ml



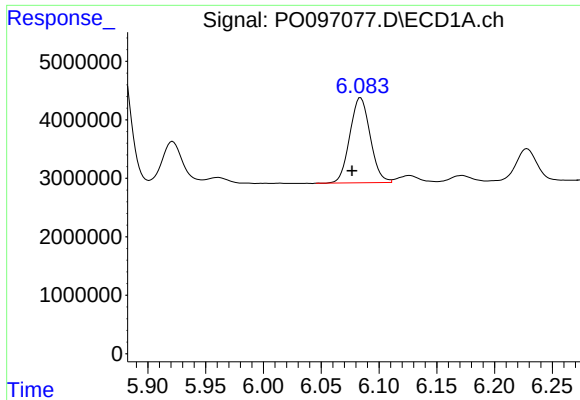
#6 AR-1016-4

R.T.: 5.782 min
Delta R.T.: 0.006 min
Response: 745680
Conc: 11.10 ng/ml



#6 AR-1016-4

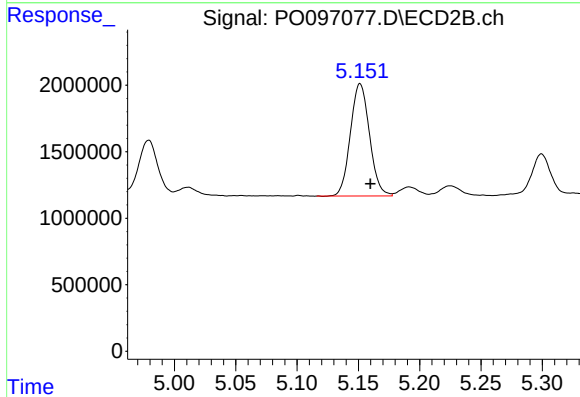
R.T.: 4.938 min
Delta R.T.: -0.008 min
Response: 15407962
Conc: 539.00 ng/ml



#7 AR-1016-5

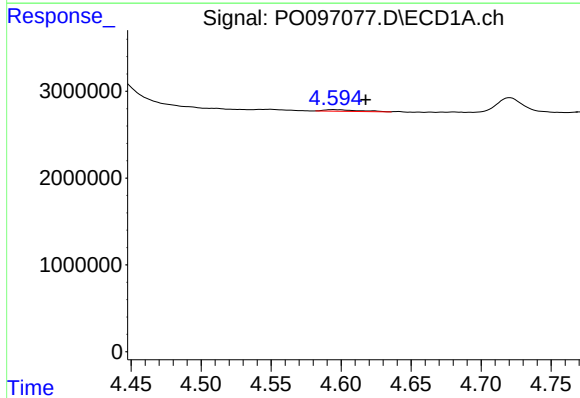
R.T.: 6.084 min
Delta R.T.: 0.007 min
Response: 17814234
Conc: 255.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



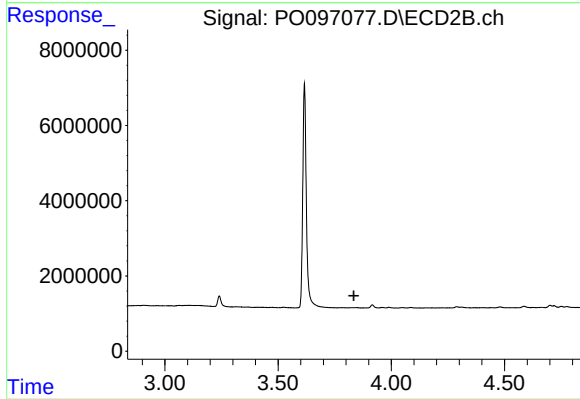
#7 AR-1016-5

R.T.: 5.151 min
Delta R.T.: -0.008 min
Response: 9174278
Conc: 238.62 ng/ml



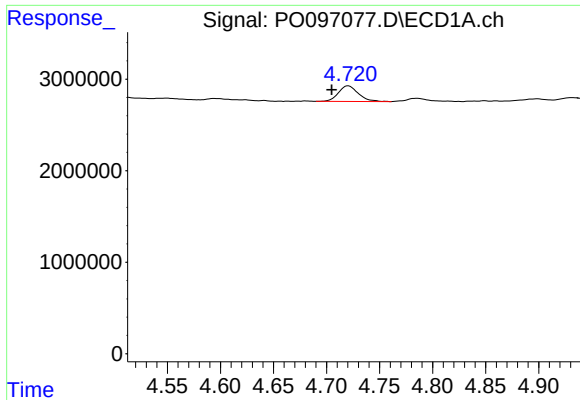
#8 AR-1221-1

R.T.: 4.594 min
Delta R.T.: -0.023 min
Response: 321296
Conc: 7.88 ng/ml



#8 AR-1221-1

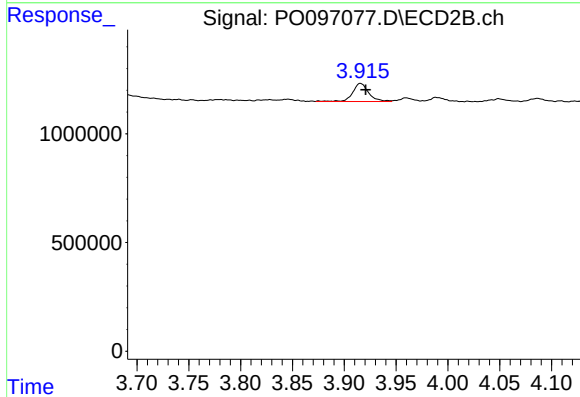
R.T.: 0.000 min
Exp R.T. : 3.835 min
Response: 0
Conc: N.D.



#9 AR-1221-2

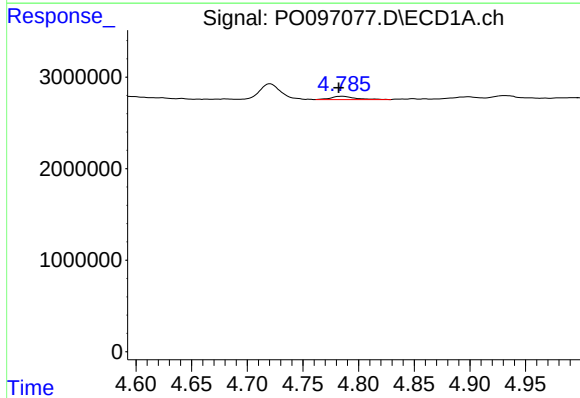
R.T.: 4.721 min
Delta R.T.: 0.016 min
Response: 2229674
Conc: 73.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



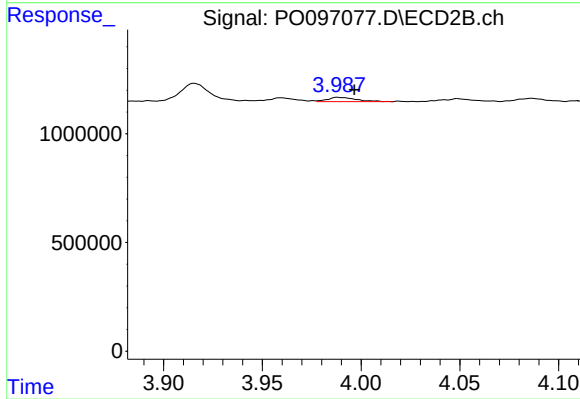
#9 AR-1221-2

R.T.: 3.916 min
Delta R.T.: -0.005 min
Response: 903647
Conc: 69.94 ng/ml



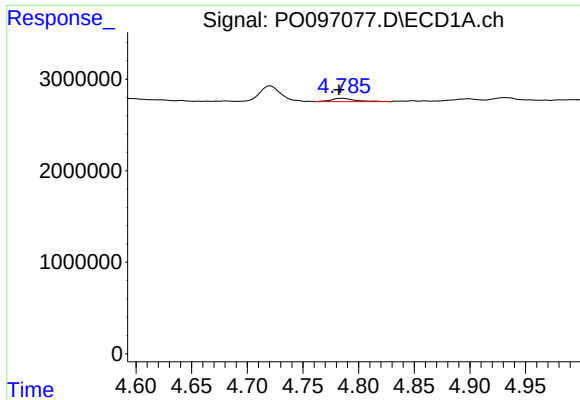
#10 AR-1221-3

R.T.: 4.786 min
Delta R.T.: 0.003 min
Response: 523883
Conc: 5.99 ng/ml



#10 AR-1221-3

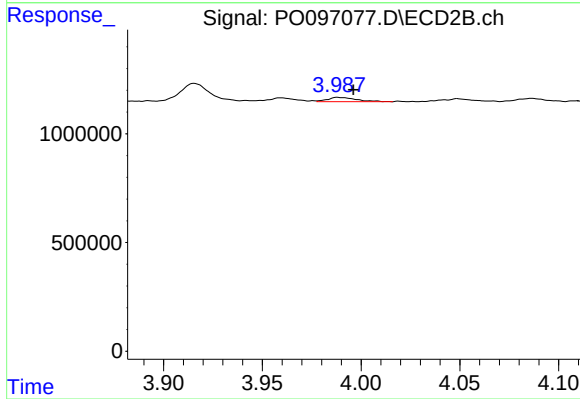
R.T.: 3.988 min
Delta R.T.: -0.008 min
Response: 201370
Conc: 5.07 ng/ml



#11 AR-1232-1

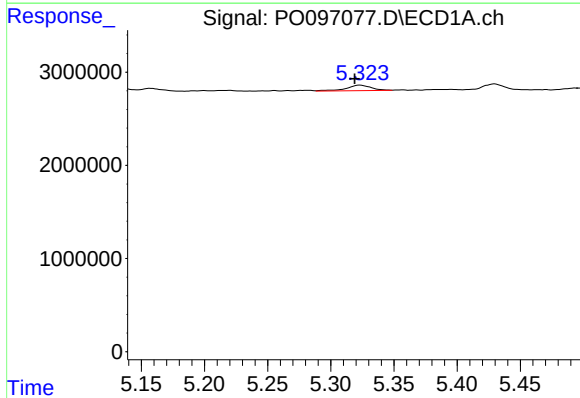
R.T.: 4.786 min
Delta R.T.: 0.003 min
Response: 523883
Conc: 7.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



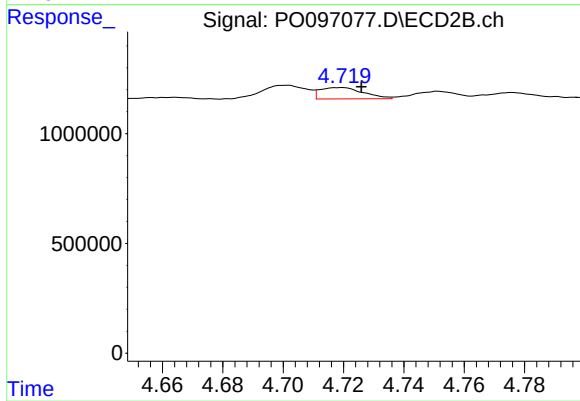
#11 AR-1232-1

R.T.: 3.988 min
Delta R.T.: -0.008 min
Response: 201370
Conc: 6.23 ng/ml



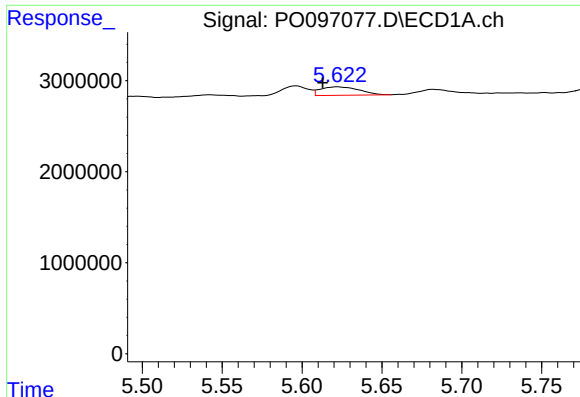
#12 AR-1232-2

R.T.: 5.323 min
Delta R.T.: 0.004 min
Response: 806642
Conc: 20.35 ng/ml



#12 AR-1232-2

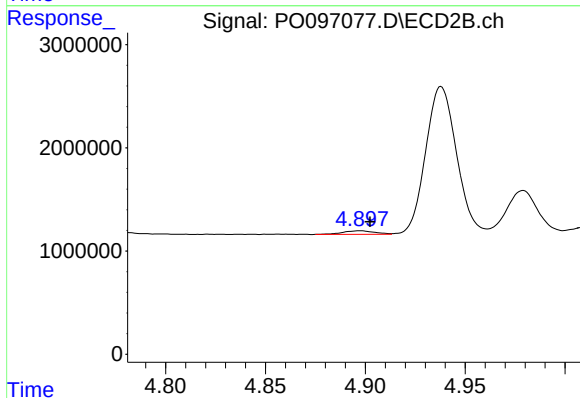
R.T.: 4.719 min
Delta R.T.: -0.007 min
Response: 515237
Conc: 17.86 ng/ml



#13 AR-1232-3

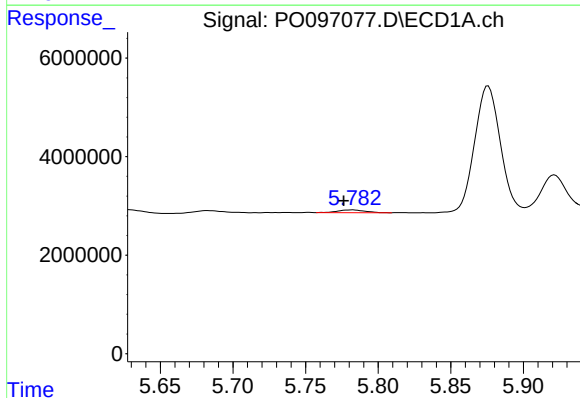
R.T.: 5.623 min
Delta R.T.: 0.010 min
Response: 1572833
Conc: 25.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



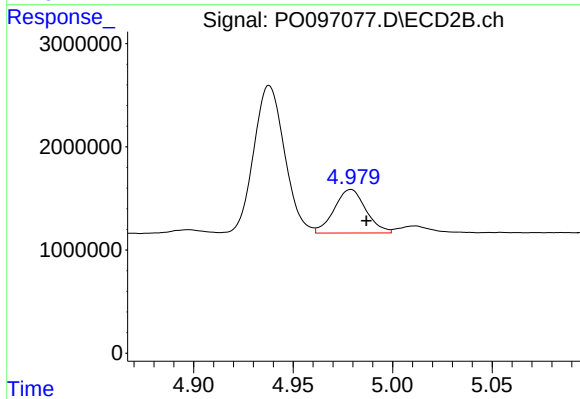
#13 AR-1232-3

R.T.: 4.897 min
Delta R.T.: -0.005 min
Response: 375690
Conc: 24.78 ng/ml



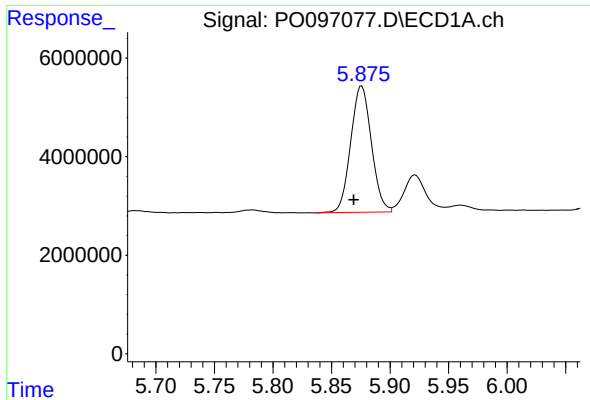
#14 AR-1232-4

R.T.: 5.782 min
Delta R.T.: 0.006 min
Response: 745680
Conc: 24.44 ng/ml



#14 AR-1232-4

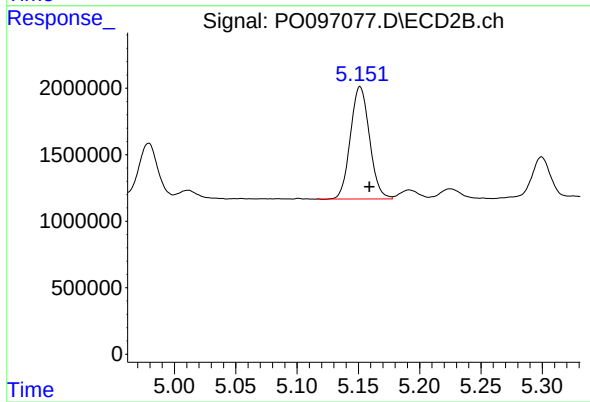
R.T.: 4.979 min
Delta R.T.: -0.008 min
Response: 4678437
Conc: 313.05 ng/ml



#15 AR-1232-5

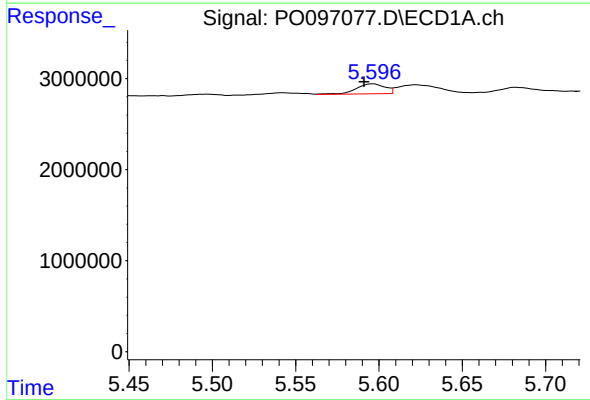
R.T.: 5.876 min
Delta R.T.: 0.007 min
Response: 31546690
Conc: 1127.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



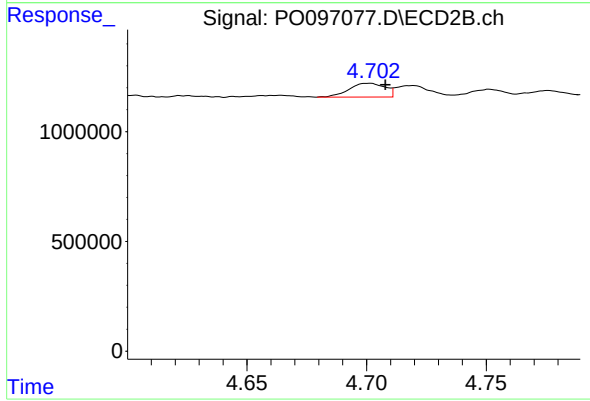
#15 AR-1232-5

R.T.: 5.151 min
Delta R.T.: -0.008 min
Response: 9174278
Conc: 561.23 ng/ml



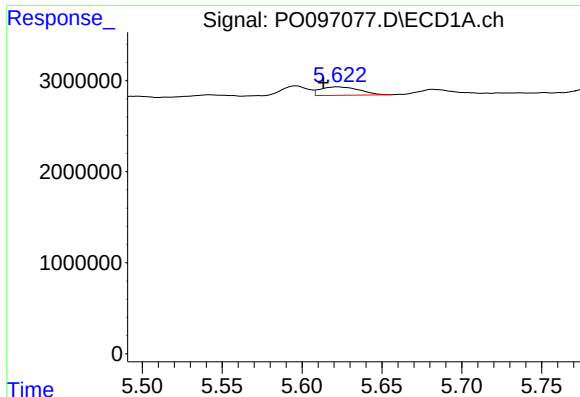
#16 AR-1242-1

R.T.: 5.596 min
Delta R.T.: 0.005 min
Response: 1324614
Conc: 15.80 ng/ml



#16 AR-1242-1

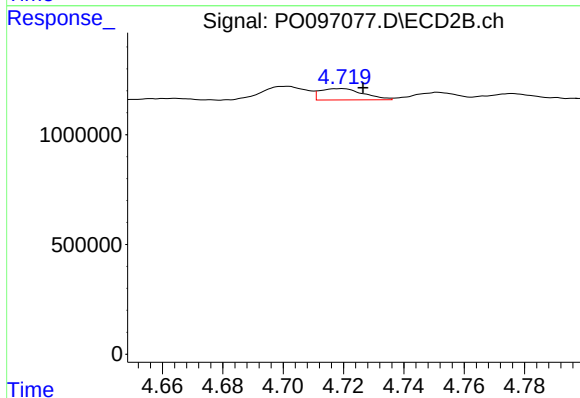
R.T.: 4.701 min
Delta R.T.: -0.007 min
Response: 656703
Conc: 16.66 ng/ml



#17 AR-1242-2

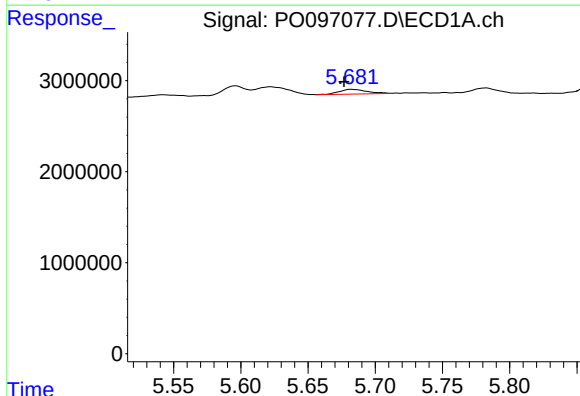
R.T.: 5.623 min
Delta R.T.: 0.009 min
Response: 1572833
Conc: 13.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



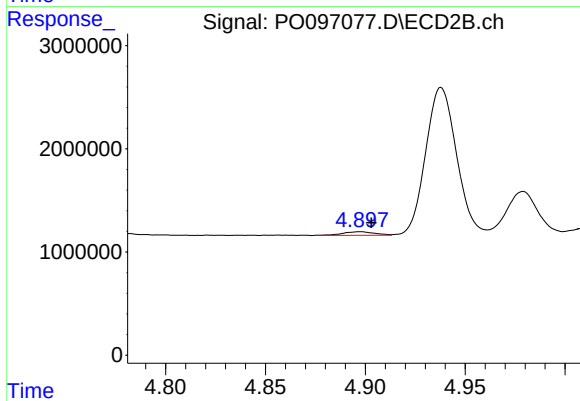
#17 AR-1242-2

R.T.: 4.719 min
Delta R.T.: -0.008 min
Response: 515237
Conc: 9.46 ng/ml



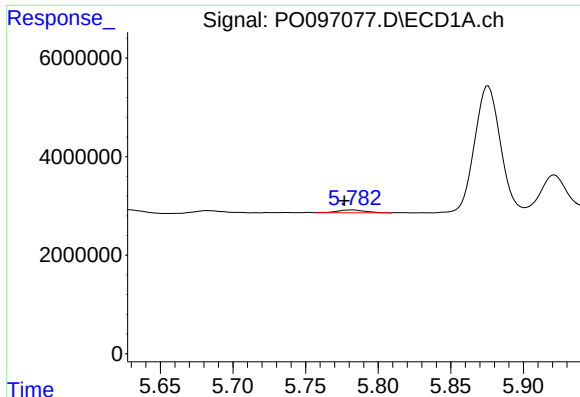
#18 AR-1242-3

R.T.: 5.682 min
Delta R.T.: 0.005 min
Response: 736290
Conc: 9.97 ng/ml



#18 AR-1242-3

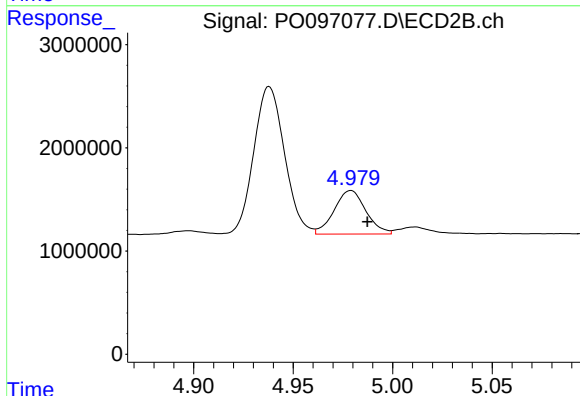
R.T.: 4.897 min
Delta R.T.: -0.006 min
Response: 375690
Conc: 12.71 ng/ml



#19 AR-1242-4

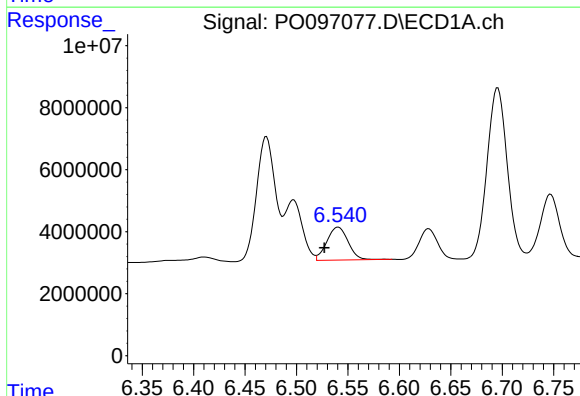
R.T.: 5.782 min
Delta R.T.: 0.006 min
Response: 745680
Conc: 12.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



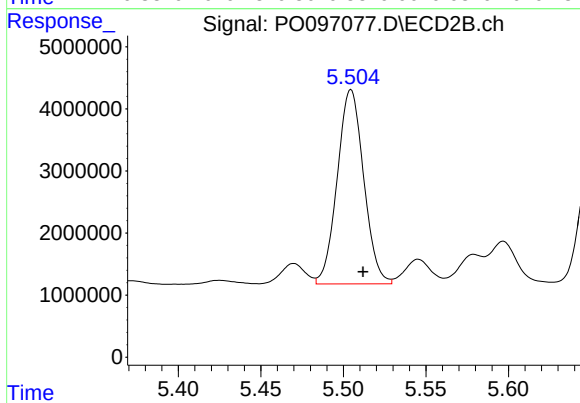
#19 AR-1242-4

R.T.: 4.979 min
Delta R.T.: -0.008 min
Response: 4678437
Conc: 148.46 ng/ml



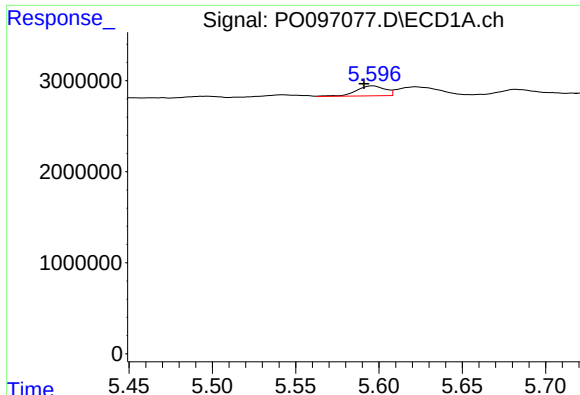
#20 AR-1242-5

R.T.: 6.541 min
Delta R.T.: 0.014 min
Response: 15314257
Conc: 278.34 ng/ml



#20 AR-1242-5

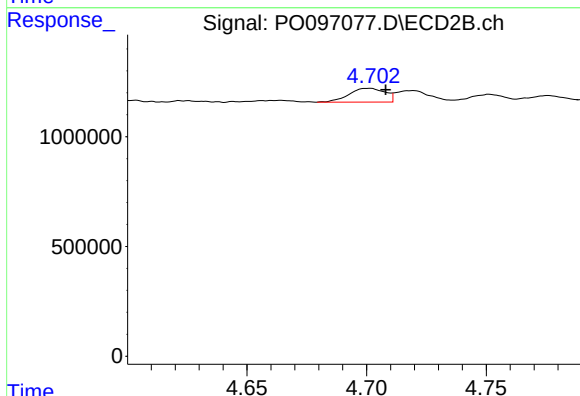
R.T.: 5.505 min
Delta R.T.: -0.007 min
Response: 34926896
Conc: 958.58 ng/ml



#21 AR-1248-1

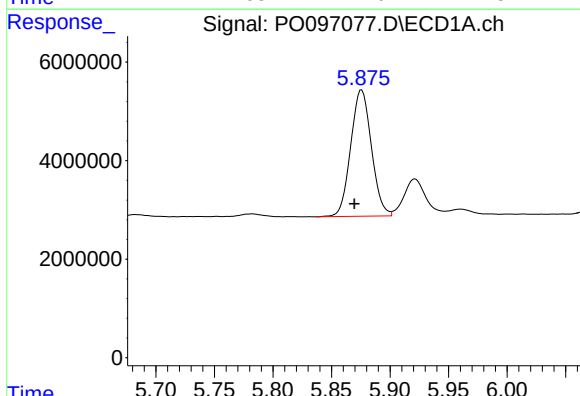
R.T.: 5.596 min
Delta R.T.: 0.005 min
Response: 1324614
Conc: 22.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



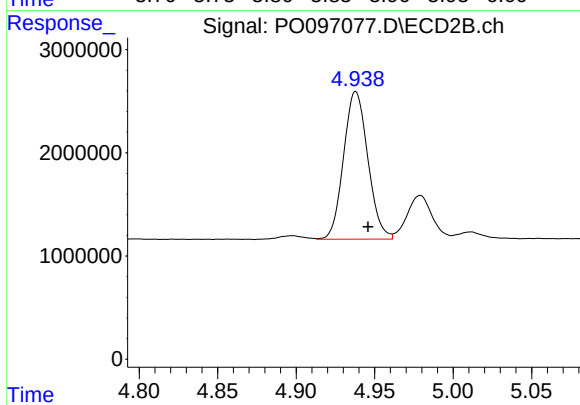
#21 AR-1248-1

R.T.: 4.701 min
Delta R.T.: -0.007 min
Response: 656703
Conc: 23.40 ng/ml



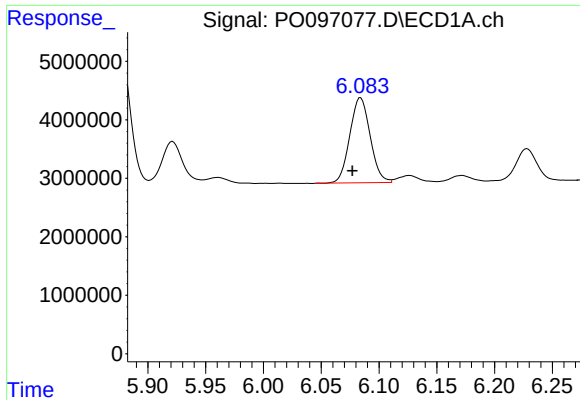
#22 AR-1248-2

R.T.: 5.876 min
Delta R.T.: 0.006 min
Response: 31546690
Conc: 335.54 ng/ml



#22 AR-1248-2

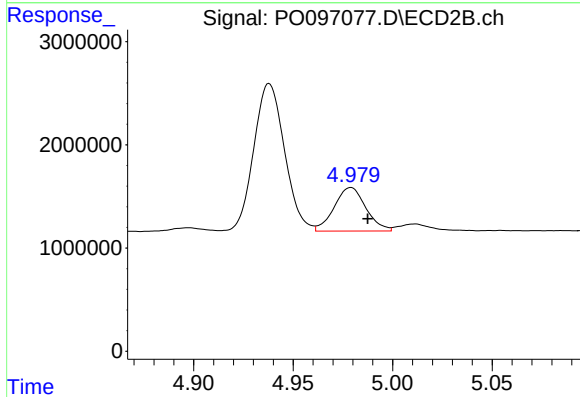
R.T.: 4.938 min
Delta R.T.: -0.008 min
Response: 15407962
Conc: 363.56 ng/ml



#23 AR-1248-3

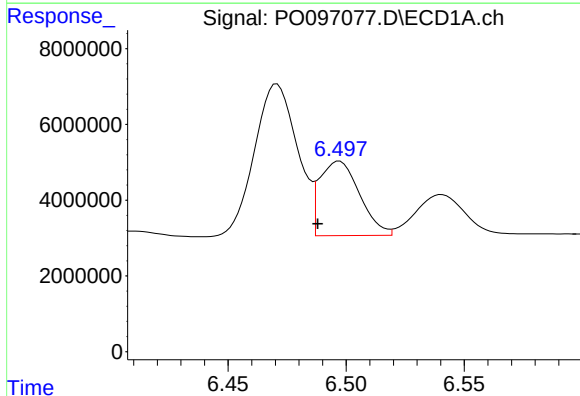
R.T.: 6.084 min
Delta R.T.: 0.007 min
Response: 17814234
Conc: 182.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



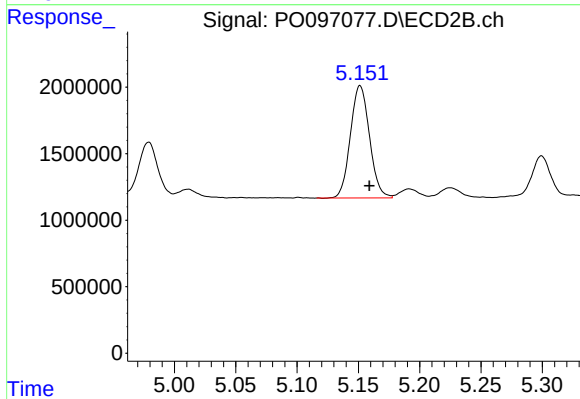
#23 AR-1248-3

R.T.: 4.979 min
Delta R.T.: -0.008 min
Response: 4678437
Conc: 106.66 ng/ml



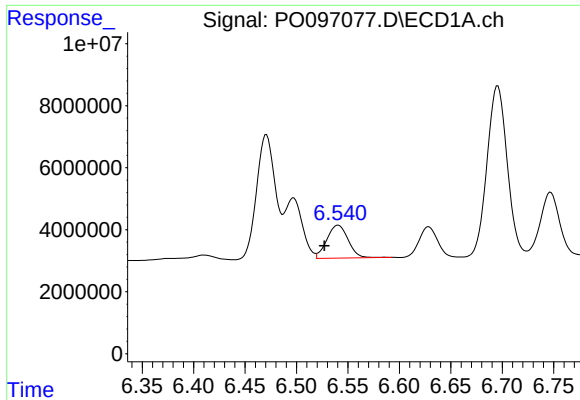
#24 AR-1248-4

R.T.: 6.497 min
Delta R.T.: 0.009 min
Response: 23123274
Conc: 254.54 ng/ml



#24 AR-1248-4

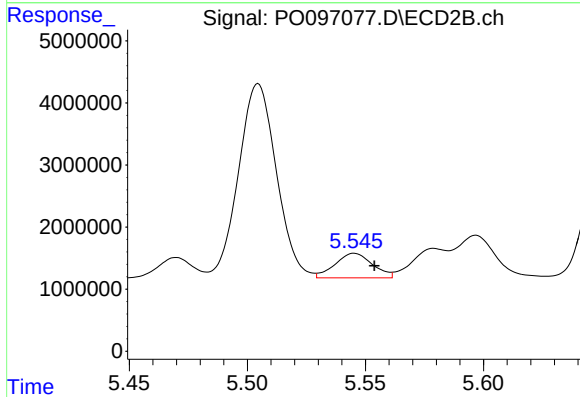
R.T.: 5.151 min
Delta R.T.: -0.008 min
Response: 9174278
Conc: 179.71 ng/ml



#25 AR-1248-5

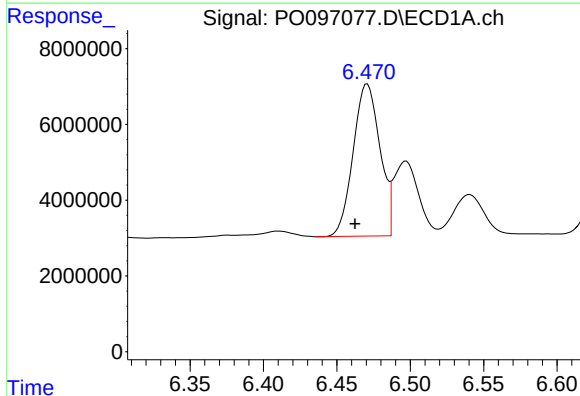
R.T.: 6.541 min
Delta R.T.: 0.013 min
Response: 15314257
Conc: 173.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



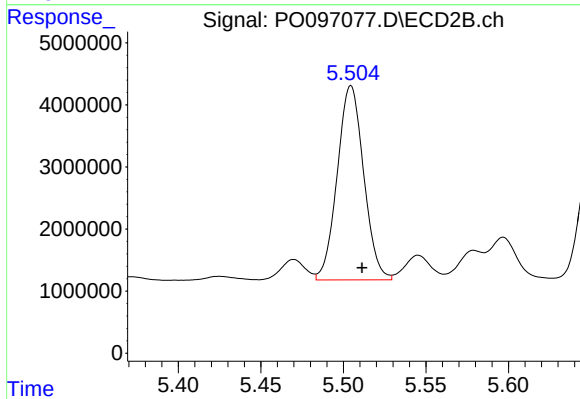
#25 AR-1248-5

R.T.: 5.545 min
Delta R.T.: -0.008 min
Response: 4359980
Conc: 93.26 ng/ml



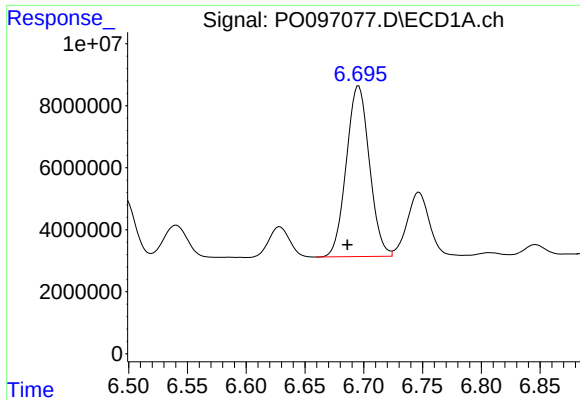
#26 AR-1254-1

R.T.: 6.471 min
Delta R.T.: 0.008 min
Response: 50875337
Conc: 465.50 ng/ml



#26 AR-1254-1

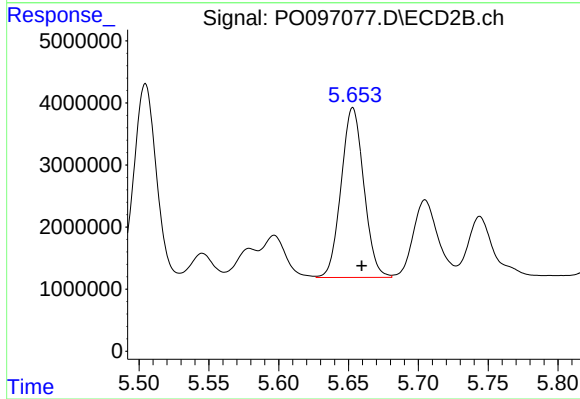
R.T.: 5.505 min
Delta R.T.: -0.007 min
Response: 34926896
Conc: 473.29 ng/ml



#27 AR-1254-2

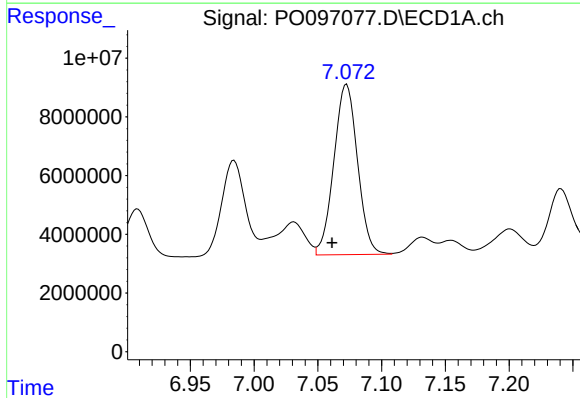
R.T.: 6.696 min
Delta R.T.: 0.010 min
Response: 75264993
Conc: 466.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



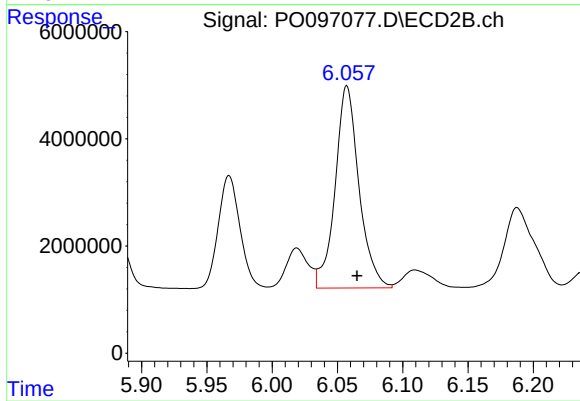
#27 AR-1254-2

R.T.: 5.653 min
Delta R.T.: -0.006 min
Response: 30937193
Conc: 469.60 ng/ml



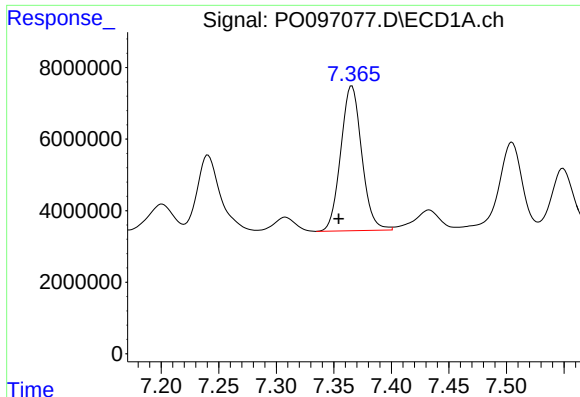
#28 AR-1254-3

R.T.: 7.073 min
Delta R.T.: 0.011 min
Response: 74911020
Conc: 478.06 ng/ml



#28 AR-1254-3

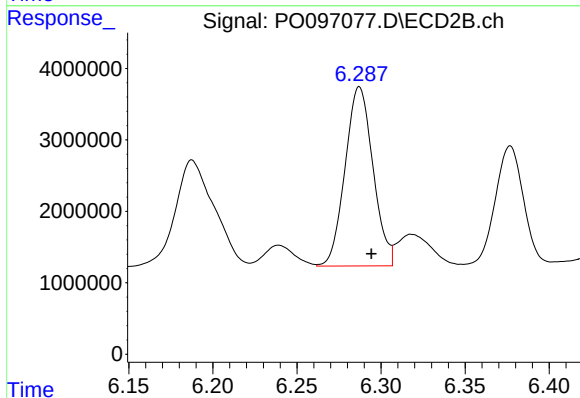
R.T.: 6.057 min
Delta R.T.: -0.008 min
Response: 47950881
Conc: 474.47 ng/ml



#29 AR-1254-4

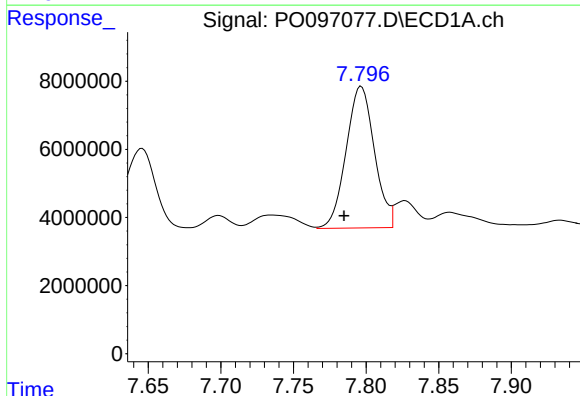
R.T.: 7.366 min
Delta R.T.: 0.011 min
Response: 51598572
Conc: 511.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



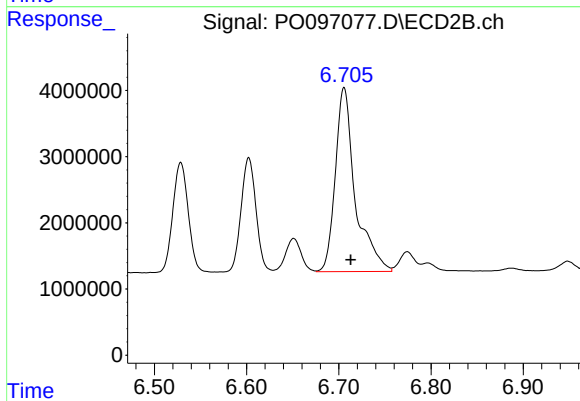
#29 AR-1254-4

R.T.: 6.287 min
Delta R.T.: -0.007 min
Response: 28961979
Conc: 500.42 ng/ml



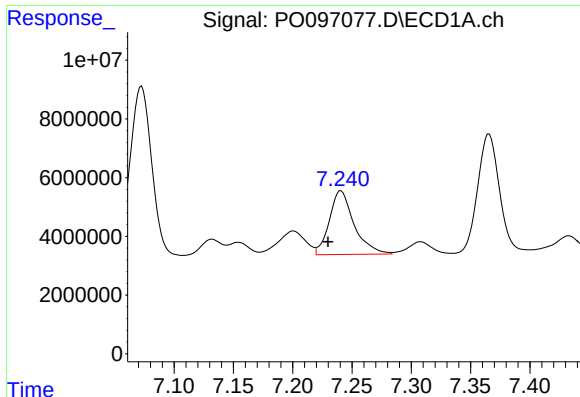
#30 AR-1254-5

R.T.: 7.797 min
Delta R.T.: 0.012 min
Response: 56349439
Conc: 502.16 ng/ml



#30 AR-1254-5

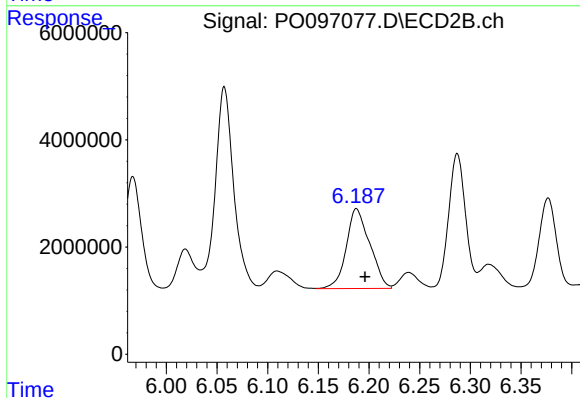
R.T.: 6.706 min
Delta R.T.: -0.007 min
Response: 41779050
Conc: 475.22 ng/ml



#31 AR-1260-1

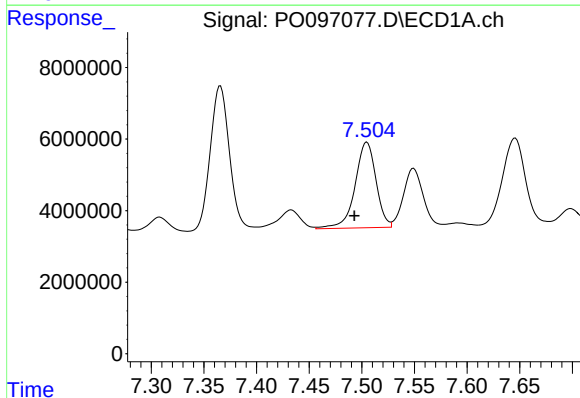
R.T.: 7.241 min
Delta R.T.: 0.011 min
Response: 31576483
Conc: 251.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



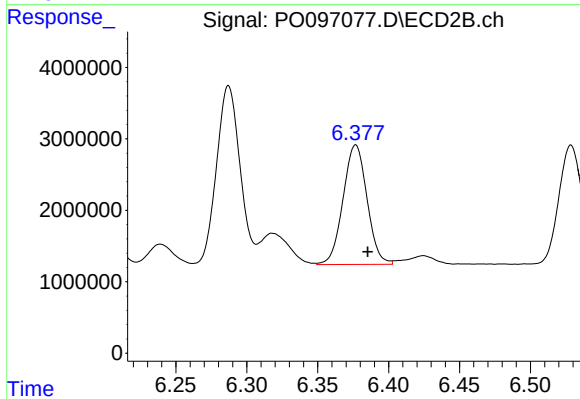
#31 AR-1260-1

R.T.: 6.188 min
Delta R.T.: -0.008 min
Response: 24037136
Conc: 341.59 ng/ml



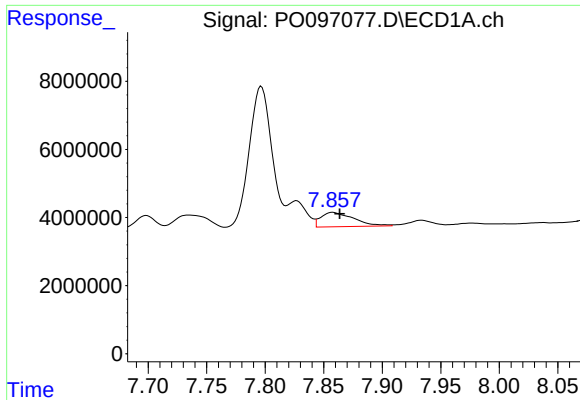
#32 AR-1260-2

R.T.: 7.505 min
Delta R.T.: 0.012 min
Response: 33180888
Conc: 246.27 ng/ml



#32 AR-1260-2

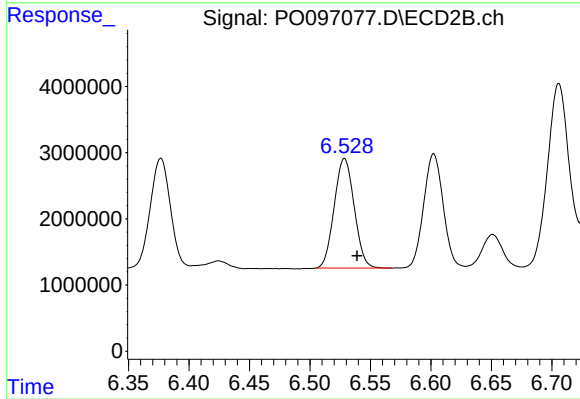
R.T.: 6.377 min
Delta R.T.: -0.008 min
Response: 19677580
Conc: 235.76 ng/ml



#33 AR-1260-3

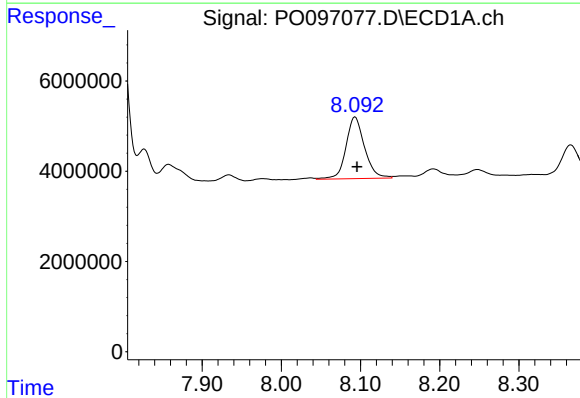
R.T.: 7.858 min
Delta R.T.: -0.006 min
Response: 8179935
Conc: 78.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



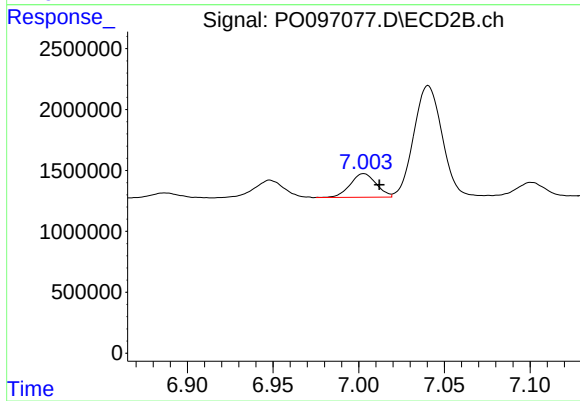
#33 AR-1260-3

R.T.: 6.529 min
Delta R.T.: -0.010 min
Response: 19065448
Conc: 246.90 ng/ml



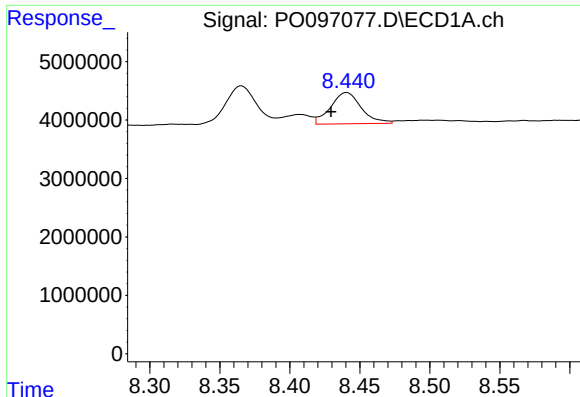
#34 AR-1260-4

R.T.: 8.093 min
Delta R.T.: -0.002 min
Response: 22332003
Conc: 199.74 ng/ml



#34 AR-1260-4

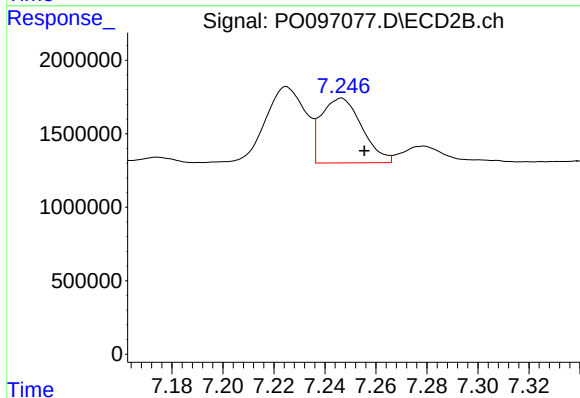
R.T.: 7.003 min
Delta R.T.: -0.009 min
Response: 2044995
Conc: 31.91 ng/ml



#35 AR-1260-5

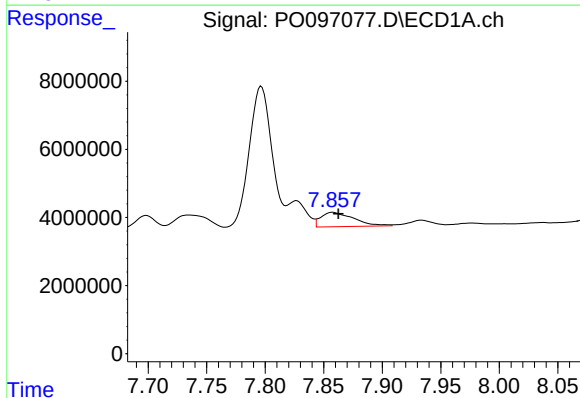
R.T.: 8.441 min
Delta R.T.: 0.011 min
Response: 8234469
Conc: 39.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



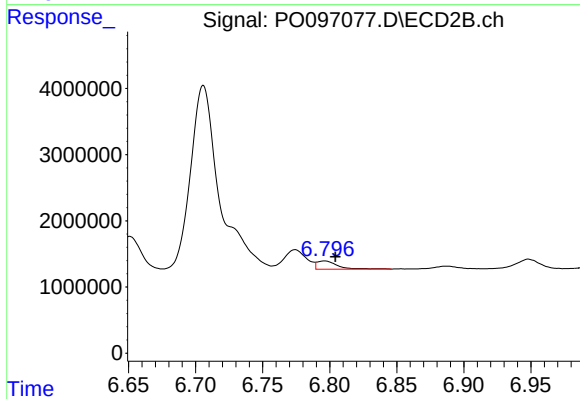
#35 AR-1260-5

R.T.: 7.246 min
Delta R.T.: -0.009 min
Response: 4874371
Conc: 35.16 ng/ml



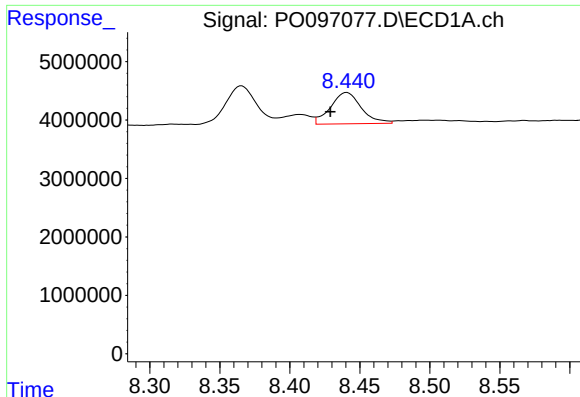
#36 AR-1262-1

R.T.: 7.858 min
Delta R.T.: -0.005 min
Response: 8179935
Conc: 55.07 ng/ml



#36 AR-1262-1

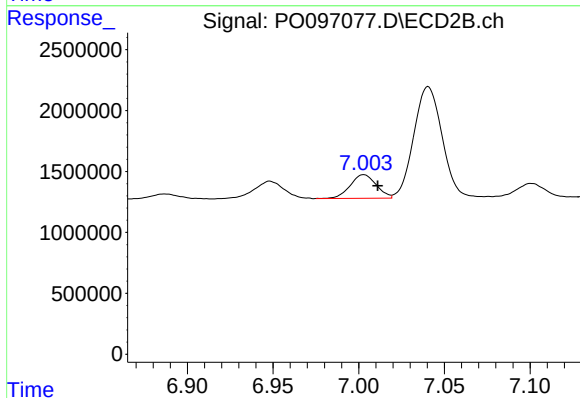
R.T.: 6.796 min
Delta R.T.: -0.008 min
Response: 1337649
Conc: 33.98 ng/ml



#37 AR-1262-2

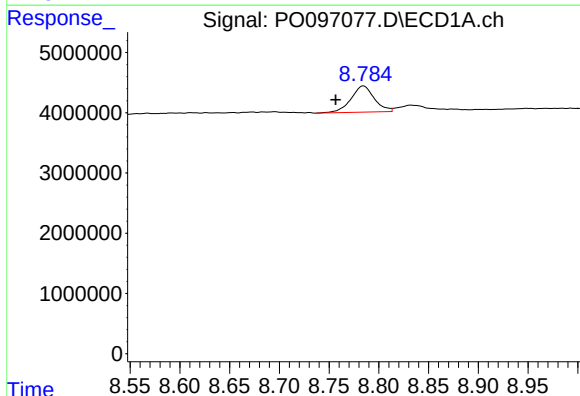
R.T.: 8.441 min
Delta R.T.: 0.012 min
Response: 8234469
Conc: 35.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



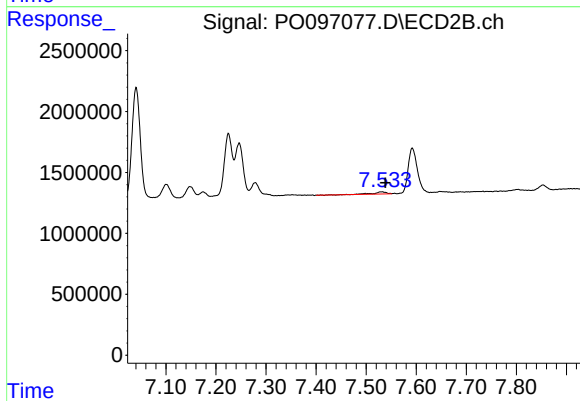
#37 AR-1262-2

R.T.: 7.003 min
Delta R.T.: -0.008 min
Response: 2044995
Conc: 25.21 ng/ml



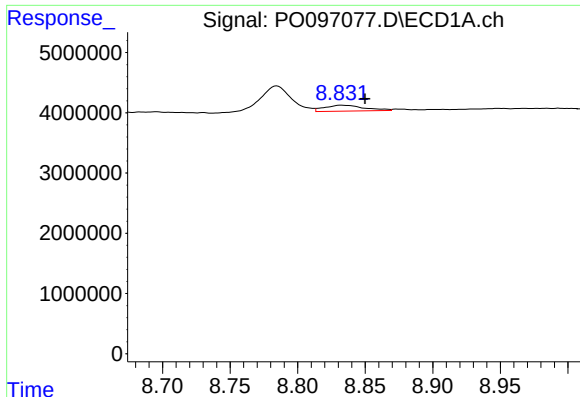
#38 AR-1262-3

R.T.: 8.785 min
Delta R.T.: 0.028 min
Response: 7066457
Conc: 42.37 ng/ml



#38 AR-1262-3

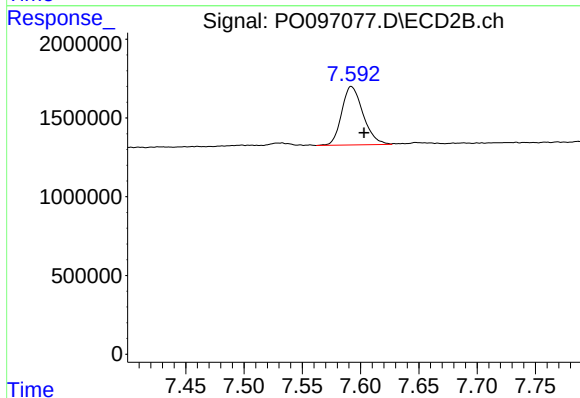
R.T.: 7.532 min
Delta R.T.: -0.007 min
Response: 324515
Conc: 5.06 ng/ml



#39 AR-1262-4

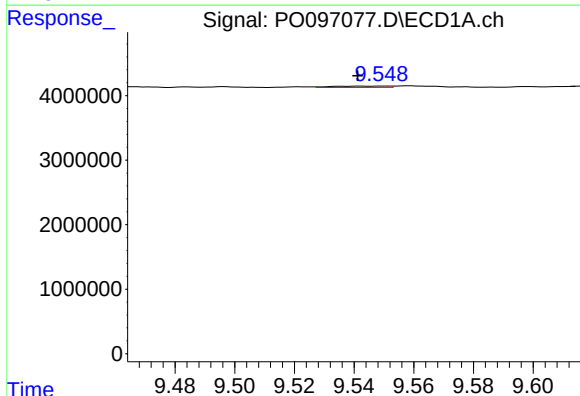
R.T.: 8.832 min
Delta R.T.: -0.018 min
Response: 2021660
Conc: 27.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



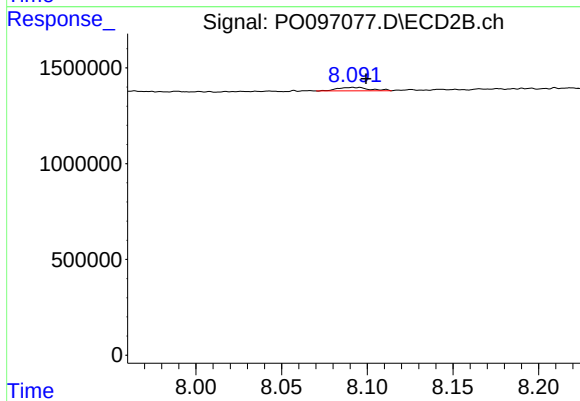
#39 AR-1262-4

R.T.: 7.592 min
Delta R.T.: -0.011 min
Response: 4742560
Conc: 41.75 ng/ml



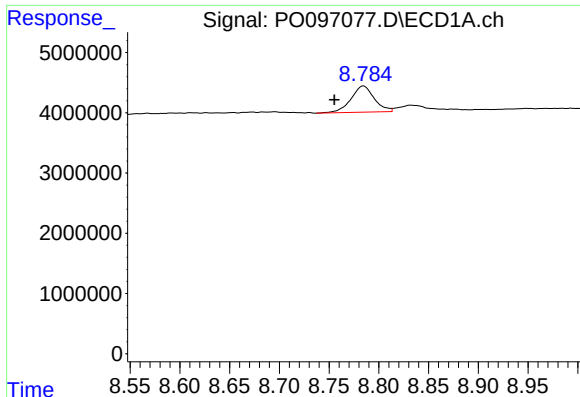
#40 AR-1262-5

R.T.: 9.550 min
Delta R.T.: 0.008 min
Response: 259748
Conc: 3.12 ng/ml



#40 AR-1262-5

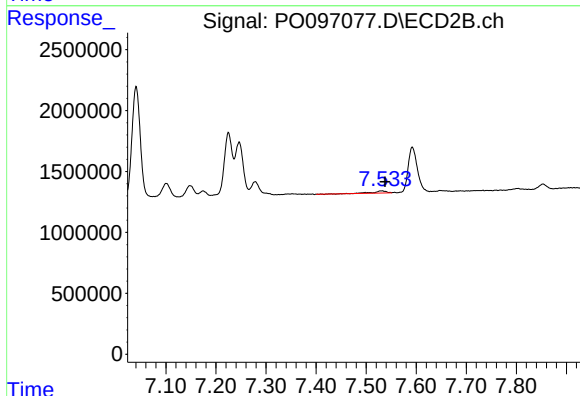
R.T.: 8.091 min
Delta R.T.: -0.008 min
Response: 234560
Conc: 4.47 ng/ml



#41 AR-1268-1

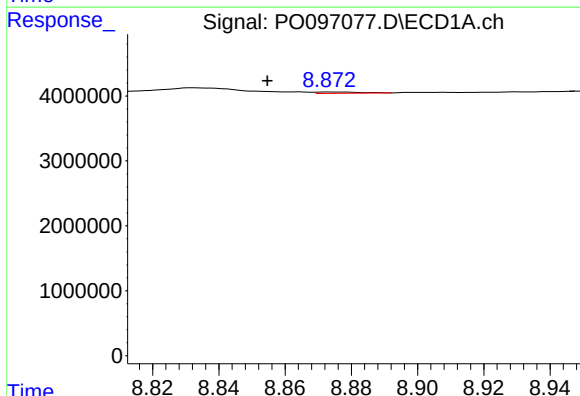
R.T.: 8.785 min
Delta R.T.: 0.029 min
Response: 7066457
Conc: 22.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



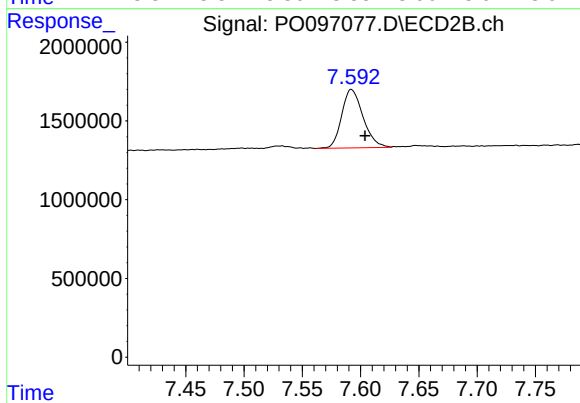
#41 AR-1268-1

R.T.: 7.532 min
Delta R.T.: -0.006 min
Response: 324515
Conc: 1.75 ng/ml



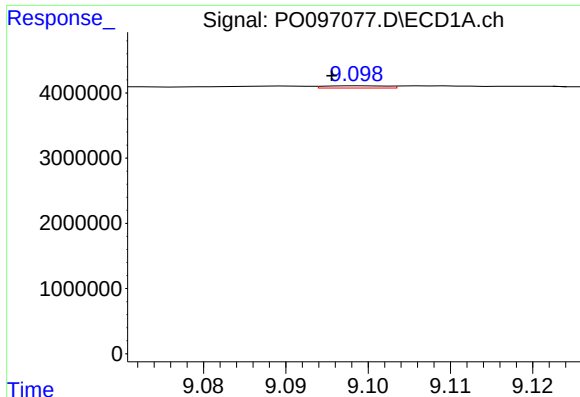
#42 AR-1268-2

R.T.: 8.874 min
Delta R.T.: 0.019 min
Response: 181351
Conc: 0.66 ng/ml



#42 AR-1268-2

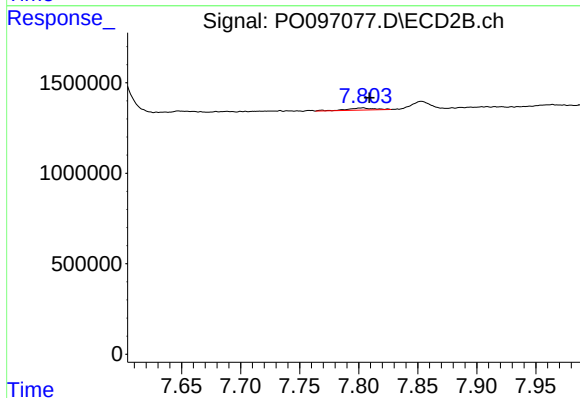
R.T.: 7.592 min
Delta R.T.: -0.012 min
Response: 4742560
Conc: 28.28 ng/ml



#43 AR-1268-3

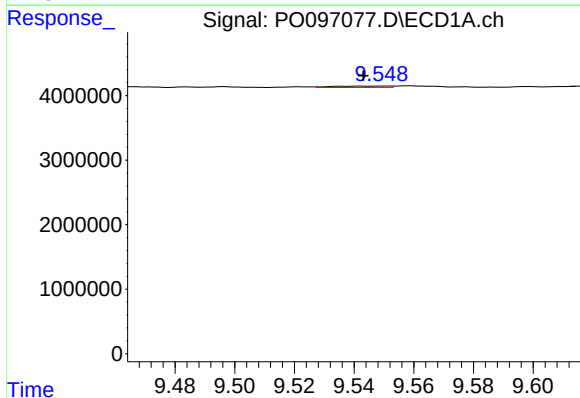
R.T.: 9.099 min
Delta R.T.: 0.004 min
Response: 179694
Conc: 0.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



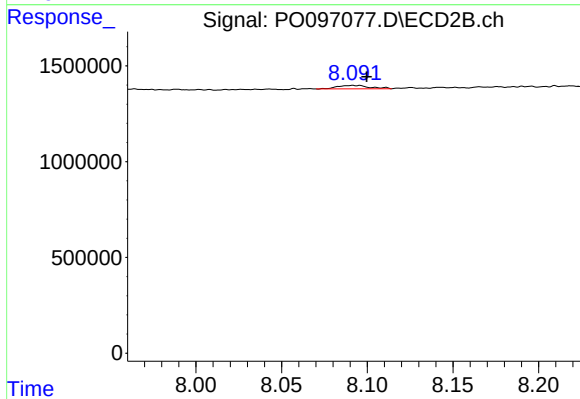
#43 AR-1268-3

R.T.: 7.803 min
Delta R.T.: -0.006 min
Response: 186269
Conc: 1.29 ng/ml



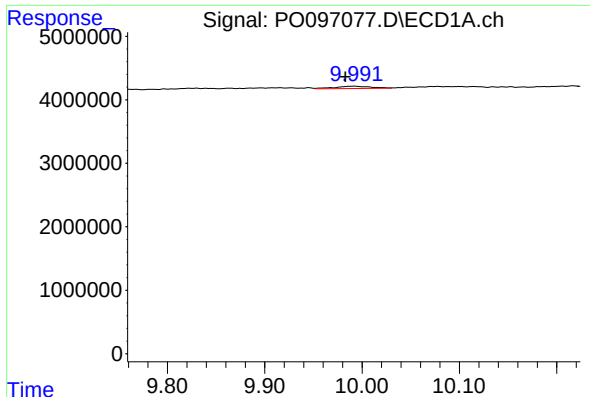
#44 AR-1268-4

R.T.: 9.550 min
Delta R.T.: 0.007 min
Response: 259748
Conc: 2.80 ng/ml



#44 AR-1268-4

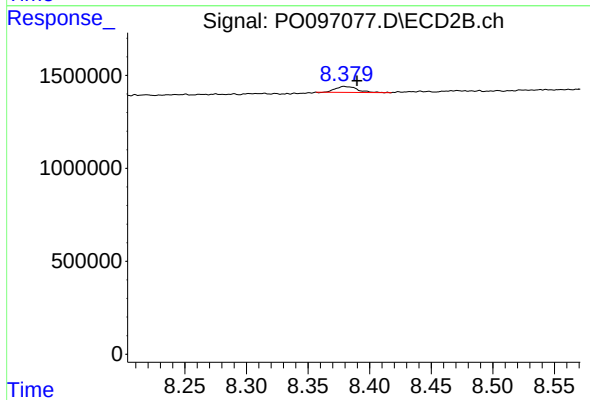
R.T.: 8.091 min
Delta R.T.: -0.008 min
Response: 234560
Conc: 3.94 ng/ml



#45 AR-1268-5

R.T.: 9.992 min
Delta R.T.: 0.009 min
Response: 912119
Conc: 1.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.380 min
Delta R.T.: -0.010 min
Response: 389769
Conc: 0.94 ng/ml