

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0041223\
 Data File : P0094146.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Apr 2023 16:44
 Operator : YP/AJ
 Sample : 02283-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 22:24:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0040323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Apr 04 06:20:55 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...	4.421	3.624	64279690	25772485	17.195	20.239
2)	SA Decachlor...	10.250	8.646	39353468	18634032	17.593	18.638
Target Compounds							
3)	L1 AR-1016-1	5.597	4.706	2092707	487114	20.464	13.728 #
4)	L1 AR-1016-2	5.621	4.726	2748992	293214	17.638	5.429 #
5)	L1 AR-1016-3	5.678	4.903	3573062	305706	36.226	10.786 #
6)	L1 AR-1016-4	5.778	4.945	410423	319110	5.582	12.085 #
7)	L1 AR-1016-5	6.079	5.157	1097200	321345	12.960	9.821
8)	L2 AR-1221-1	4.628	0.000	3455107	0	74.916	N.D. #
9)	L2 AR-1221-2	4.727	3.920	851610	1446248	24.809	122.538 #
10)	L2 AR-1221-3	4.799	0.000	176958	0	1.690	N.D. #
11)	L3 AR-1232-1	4.799	0.000	176958	0	2.028	N.D. #
12)	L3 AR-1232-2	5.309	4.726	4423785	293214	103.444	11.076 #
13)	L3 AR-1232-3	5.621	4.903	2748992	305706	37.424	23.179 #
14)	L3 AR-1232-4	5.778	4.985	410423	335534	11.923	23.611 #
15)	L3 AR-1232-5	5.875	5.157	752604	321345	23.695	20.801
16)	L4 AR-1242-1	5.597	4.706	2092707	487114	23.976	15.829 #
17)	L4 AR-1242-2	5.621	4.726	2748992	293214	20.674	6.375 #
18)	L4 AR-1242-3	5.678	4.903	3573062	305706	42.092	12.615 #
19)	L4 AR-1242-4	5.778	4.985	410423	335534	6.569	11.952 #
20)	L4 AR-1242-5	6.527	5.511	1198758	880808	17.804	30.894 #
21)	L5 AR-1248-1	5.597	4.706	2092707	487114	31.103	20.423 #
22)	L5 AR-1248-2	5.875	4.945	752604	319110	6.880	8.011
23)	L5 AR-1248-3	6.079	4.985	1097200	335534	9.089	8.039
24)	L5 AR-1248-4	6.485	5.157	1281943	321345	11.936	6.834 #
25)	L5 AR-1248-5	6.527	5.511f	1198758	880808	10.332	23.593 #
26)	L6 AR-1254-1	6.462	5.511	2274842	880808	16.773	12.886
27)	L6 AR-1254-2	6.682	5.658	1582992	689109	8.098	11.314 #
28)	L6 AR-1254-3	7.051	6.064	1496968	984344	8.103	10.807 #
29)	L6 AR-1254-4	7.339	6.293	715783	272781	7.058	6.404
30)	L6 AR-1254-5	7.762	6.712	2291611	489495	16.899	6.784 #
31)	L7 AR-1260-1	7.218	6.194	632717	678997	4.335	10.412 #
32)	L7 AR-1260-2	7.475	6.382	2255224	498781	14.090	6.868 #
33)	L7 AR-1260-3	7.840	6.536	476056	666971	3.585	9.190 #
34)	L7 AR-1260-4	8.057	0.000	1774561	0	12.883	N.D. #
35)	L7 AR-1260-5	8.393	7.253	1566040	743896	7.191	7.168
36)	L8 AR-1262-1	7.840	0.000	476056	0	2.787	N.D. #
37)	L8 AR-1262-2	8.393	0.000	1566040	0	6.737	N.D. #
38)	L8 AR-1262-3	8.721	7.602f	701707	409469	4.284	8.184 #
39)	L8 AR-1262-4	8.799	7.602	195569	409469	1.952	4.937 #
41)	L9 AR-1268-1	8.721	7.602f	701707	409469	2.085	2.680 #
42)	L9 AR-1268-2	8.799	7.602	195569	409469	0.608	3.014 #

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Instrument :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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
43) L9	AR-1268-3	9.045	0.000	406631	0	1.434	N.D. #
45) L9	AR-1268-5	9.904	0.000	54728	0	0.065	N.D. #

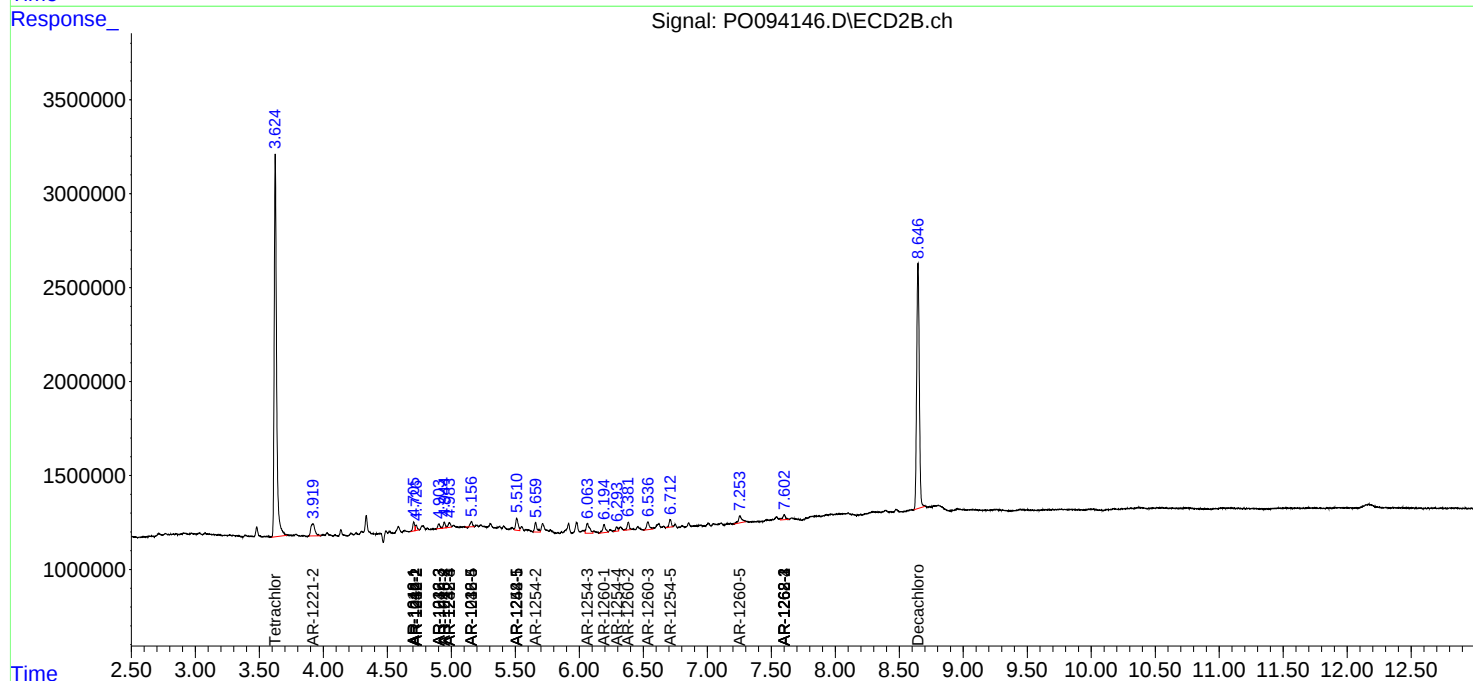
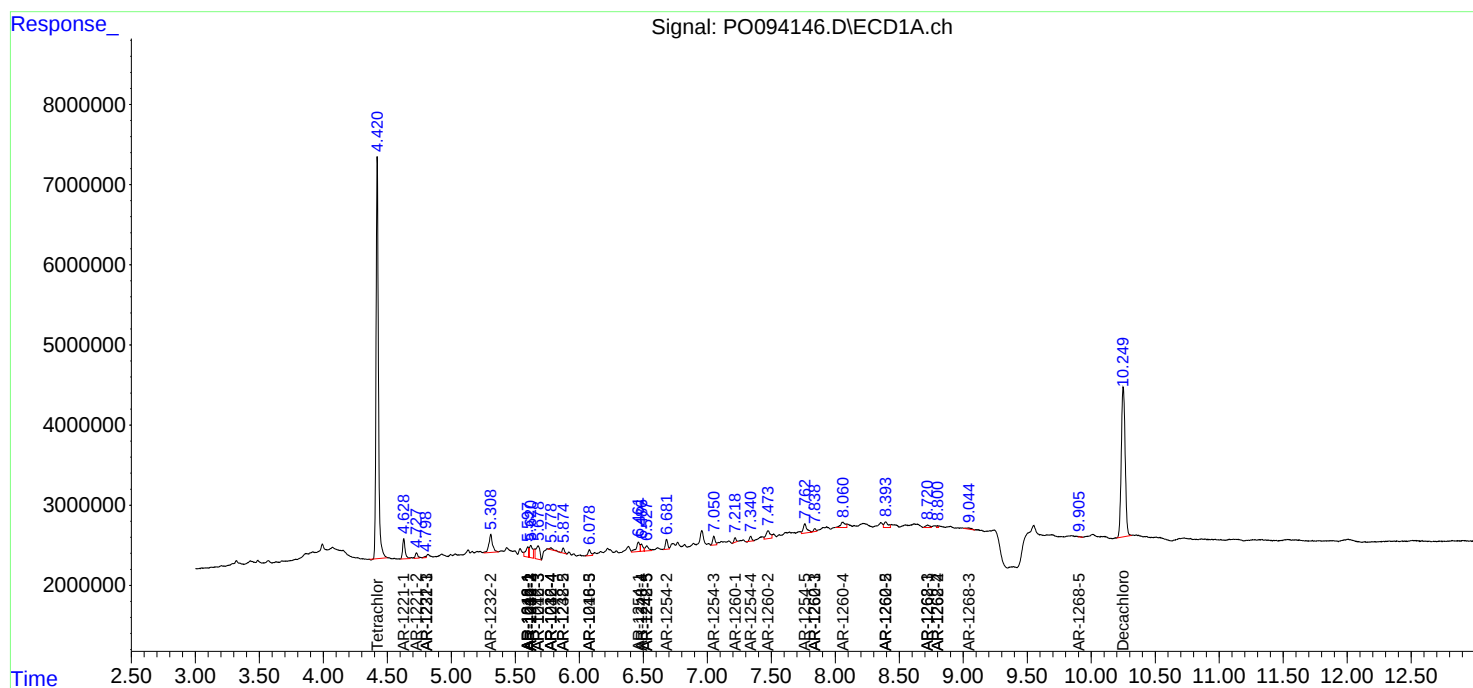
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

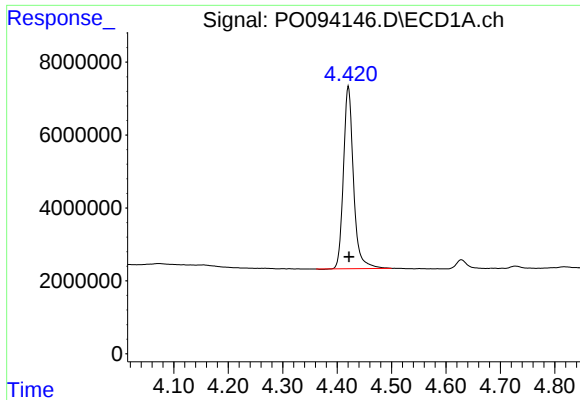
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0041223\
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

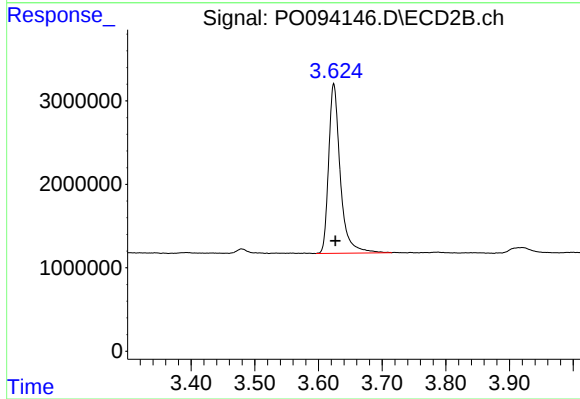




#1 Tetrachloro-m-xylene

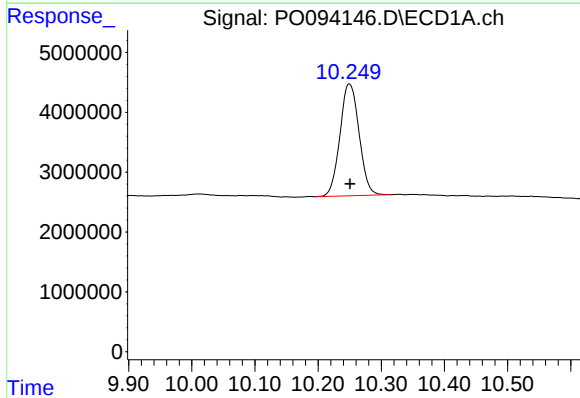
R.T.: 4.421 min
Delta R.T.: -0.001 min
Response: 64279690
Conc: 17.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



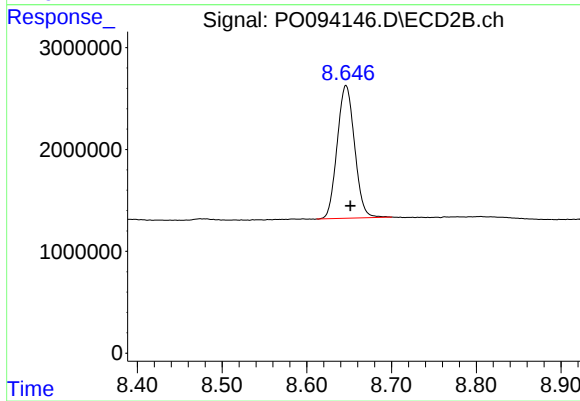
#1 Tetrachloro-m-xylene

R.T.: 3.624 min
Delta R.T.: -0.003 min
Response: 25772485
Conc: 20.24 ng/ml



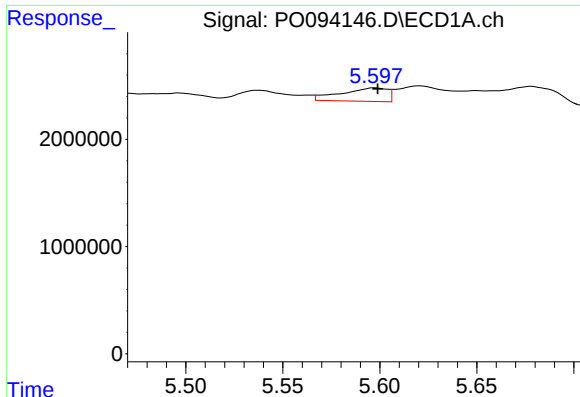
#2 Decachlorobiphenyl

R.T.: 10.250 min
Delta R.T.: -0.001 min
Response: 39353468
Conc: 17.59 ng/ml



#2 Decachlorobiphenyl

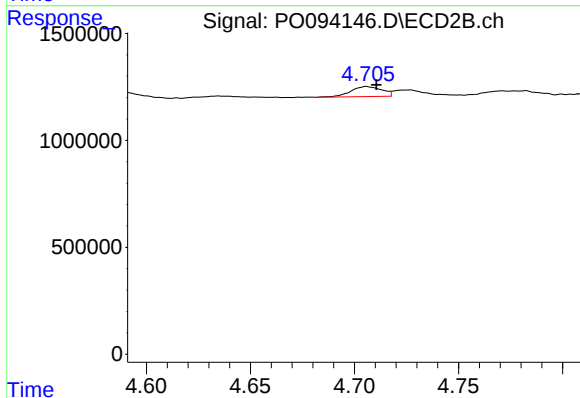
R.T.: 8.646 min
Delta R.T.: -0.005 min
Response: 18634032
Conc: 18.64 ng/ml



#3 AR-1016-1

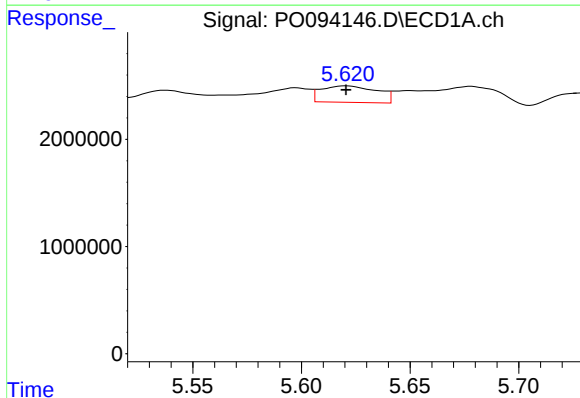
R.T.: 5.597 min
Delta R.T.: -0.001 min
Response: 2092707
Conc: 20.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



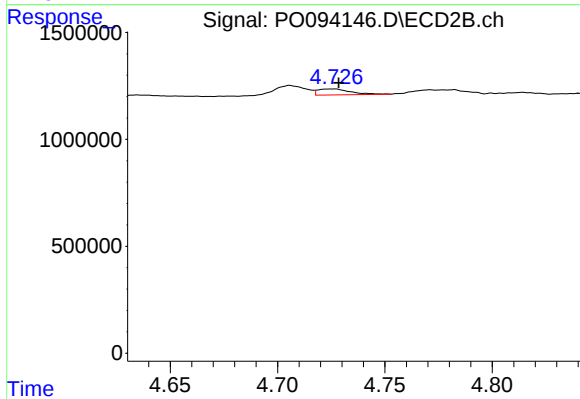
#3 AR-1016-1

R.T.: 4.706 min
Delta R.T.: -0.005 min
Response: 487114
Conc: 13.73 ng/ml



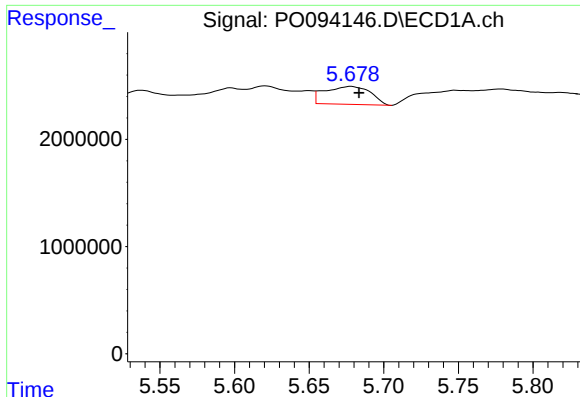
#4 AR-1016-2

R.T.: 5.621 min
Delta R.T.: 0.000 min
Response: 2748992
Conc: 17.64 ng/ml



#4 AR-1016-2

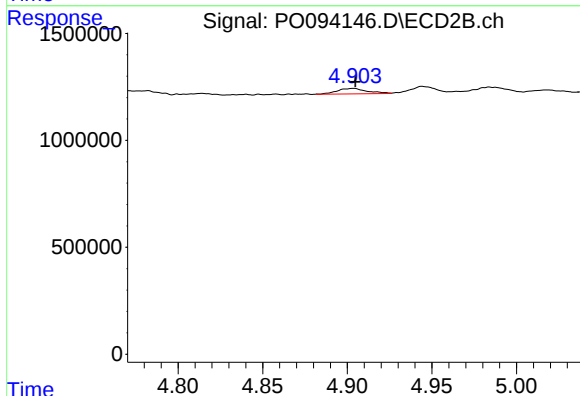
R.T.: 4.726 min
Delta R.T.: -0.003 min
Response: 293214
Conc: 5.43 ng/ml



#5 AR-1016-3

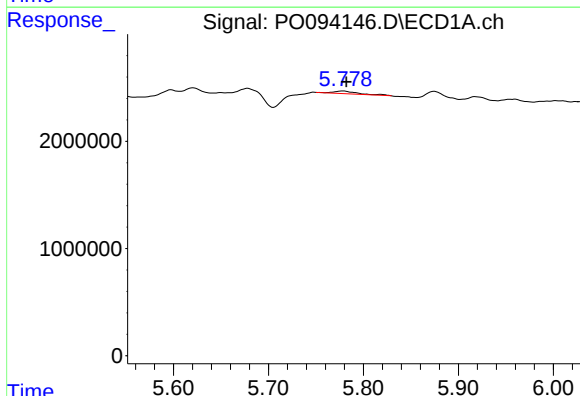
R.T.: 5.678 min
Delta R.T.: -0.005 min
Response: 3573062
Conc: 36.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



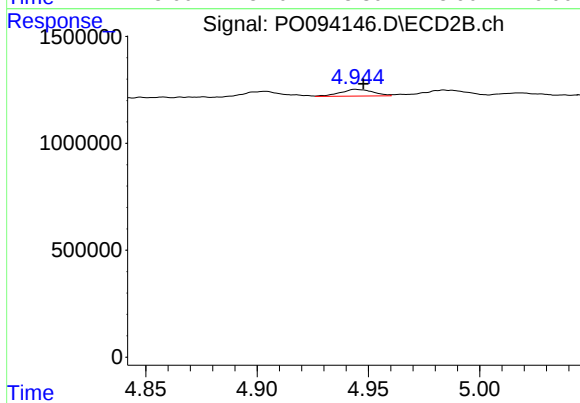
#5 AR-1016-3

R.T.: 4.903 min
Delta R.T.: -0.001 min
Response: 305706
Conc: 10.79 ng/ml



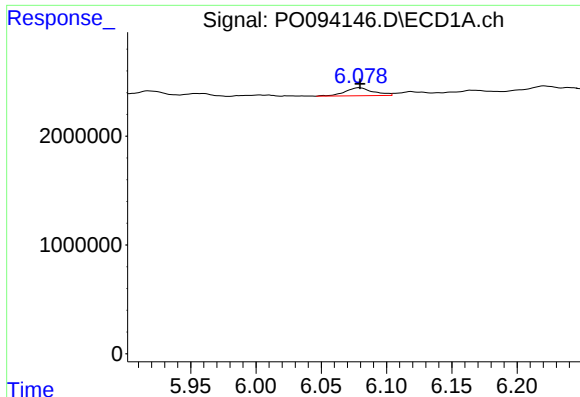
#6 AR-1016-4

R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 410423
Conc: 5.58 ng/ml



#6 AR-1016-4

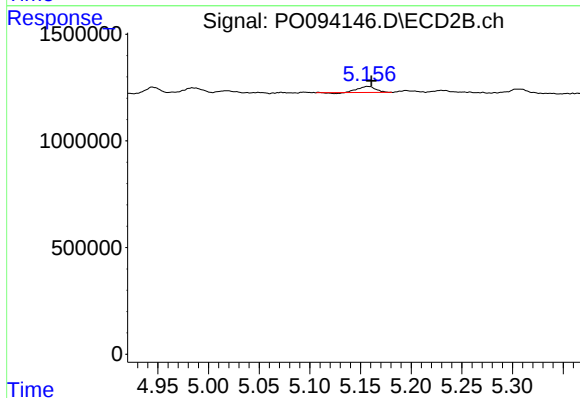
R.T.: 4.945 min
Delta R.T.: -0.003 min
Response: 319110
Conc: 12.08 ng/ml



#7 AR-1016-5

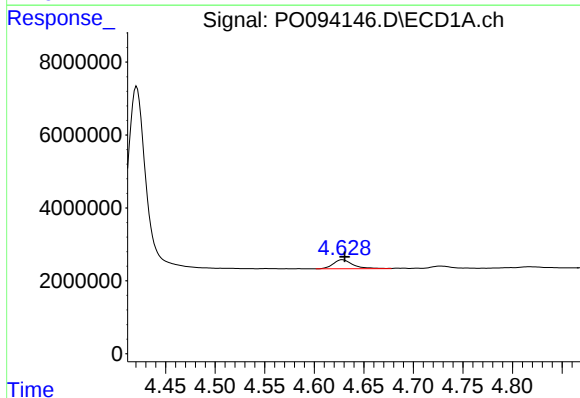
R.T.: 6.079 min
Delta R.T.: 0.000 min
Response: 1097200
Conc: 12.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



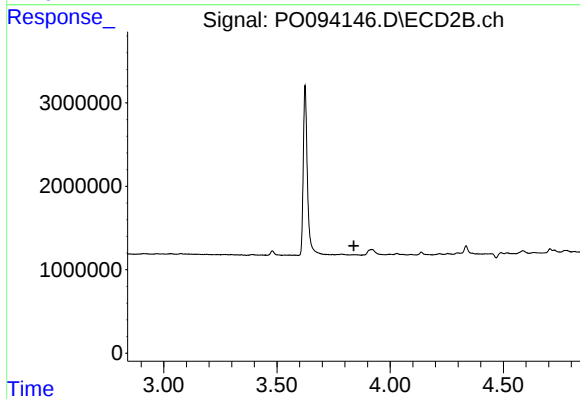
#7 AR-1016-5

R.T.: 5.157 min
Delta R.T.: -0.003 min
Response: 321345
Conc: 9.82 ng/ml



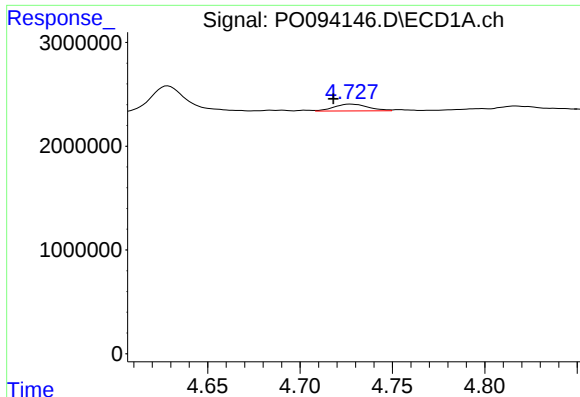
#8 AR-1221-1

R.T.: 4.628 min
Delta R.T.: -0.002 min
Response: 3455107
Conc: 74.92 ng/ml



#8 AR-1221-1

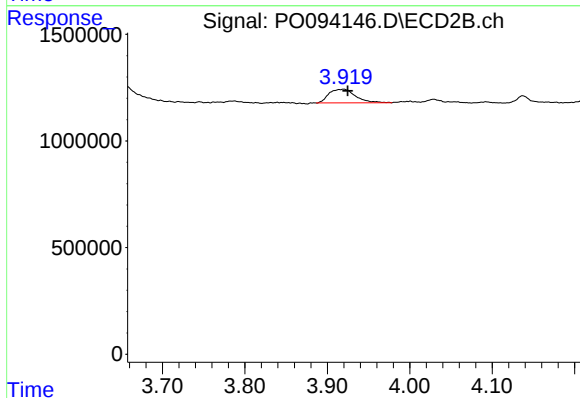
R.T.: 0.000 min
Exp R.T. : 3.840 min
Response: 0
Conc: N.D.



#9 AR-1221-2

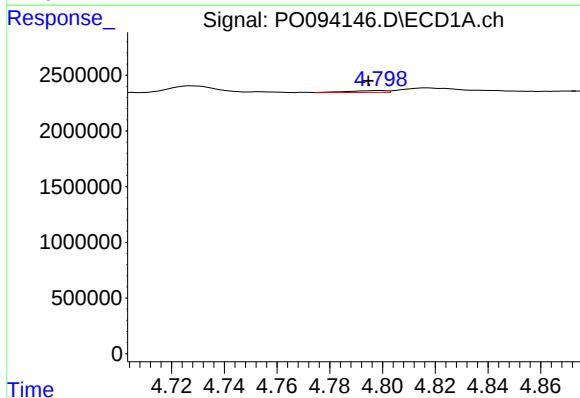
R.T.: 4.727 min
Delta R.T.: 0.009 min
Response: 851610
Conc: 24.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



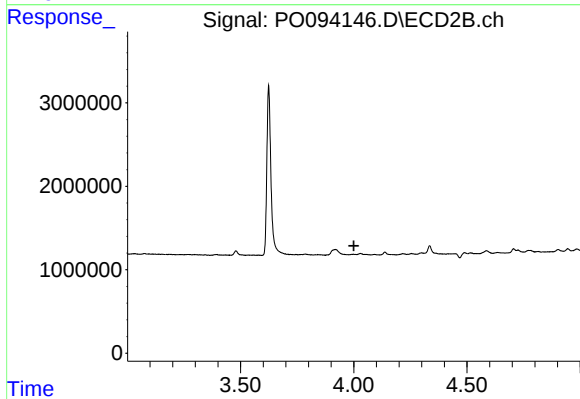
#9 AR-1221-2

R.T.: 3.920 min
Delta R.T.: -0.005 min
Response: 1446248
Conc: 122.54 ng/ml



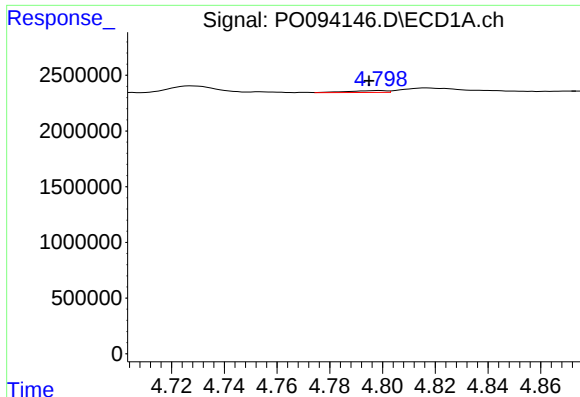
#10 AR-1221-3

R.T.: 4.799 min
Delta R.T.: 0.004 min
Response: 176958
Conc: 1.69 ng/ml



#10 AR-1221-3

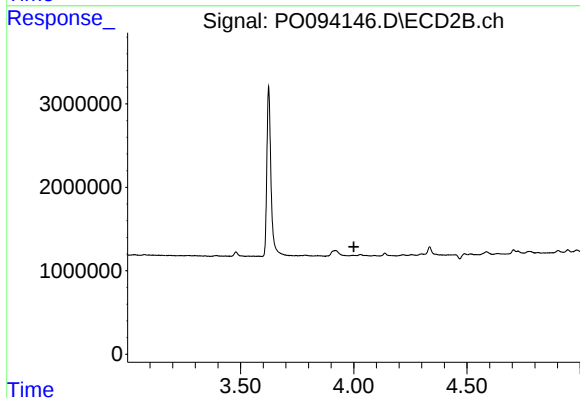
R.T.: 0.000 min
Exp R.T. : 4.000 min
Response: 0
Conc: N.D.



#11 AR-1232-1

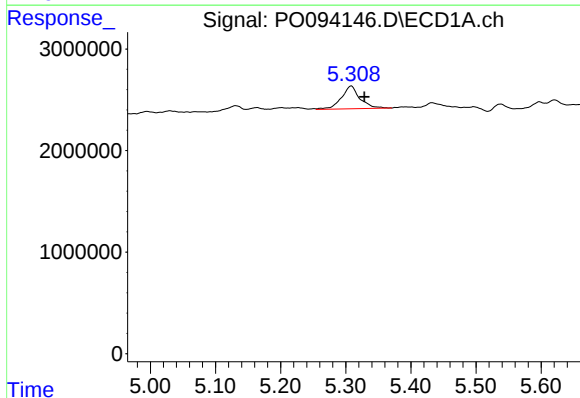
R.T.: 4.799 min
Delta R.T.: 0.004 min
Response: 176958
Conc: 2.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



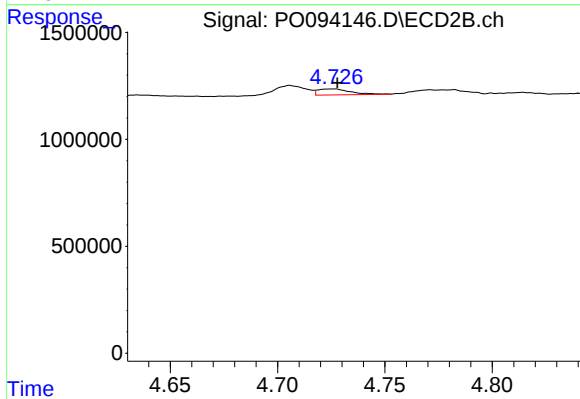
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.000 min
Response: 0
Conc: N.D.



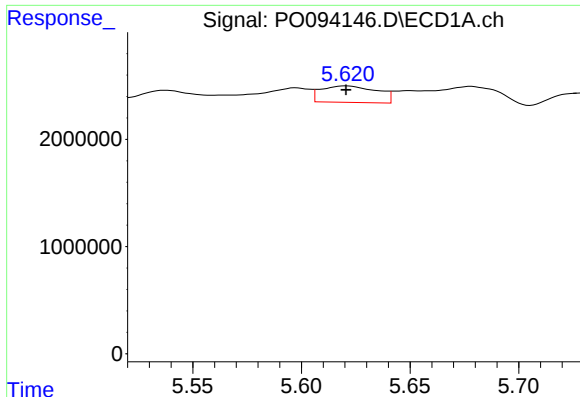
#12 AR-1232-2

R.T.: 5.309 min
Delta R.T.: -0.020 min
Response: 4423785
Conc: 103.44 ng/ml



#12 AR-1232-2

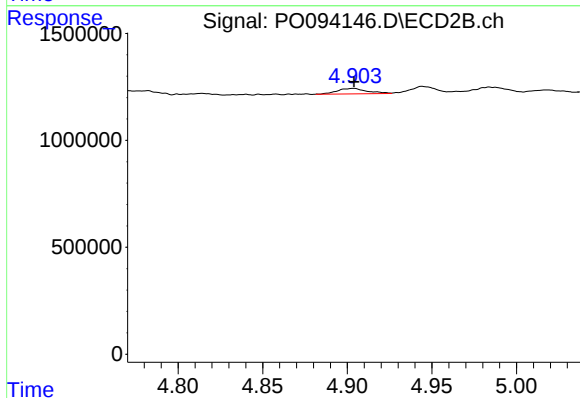
R.T.: 4.726 min
Delta R.T.: -0.002 min
Response: 293214
Conc: 11.08 ng/ml



#13 AR-1232-3

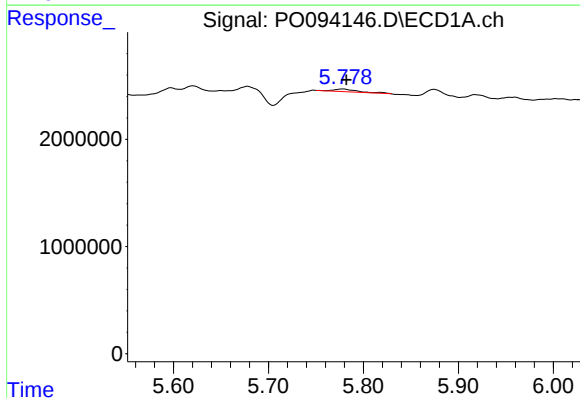
R.T.: 5.621 min
Delta R.T.: 0.000 min
Response: 2748992
Conc: 37.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



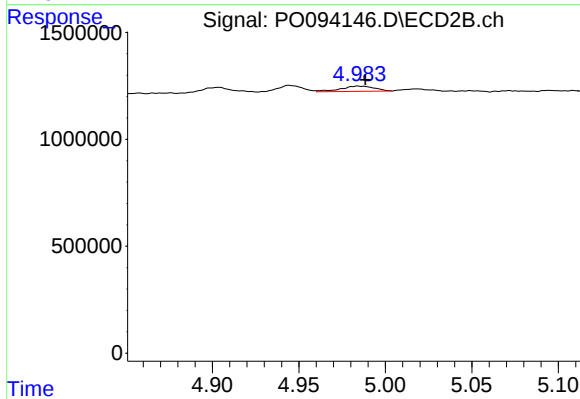
#13 AR-1232-3

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 305706
Conc: 23.18 ng/ml



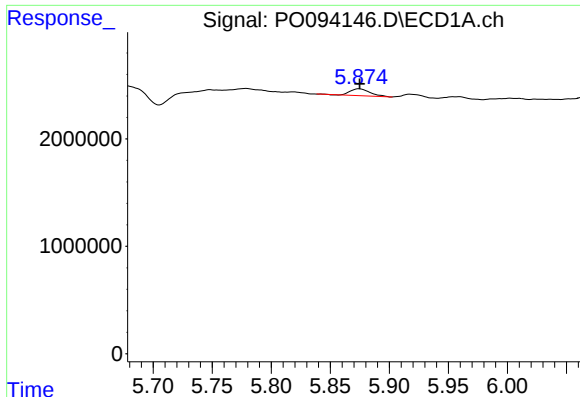
#14 AR-1232-4

R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 410423
Conc: 11.92 ng/ml



#14 AR-1232-4

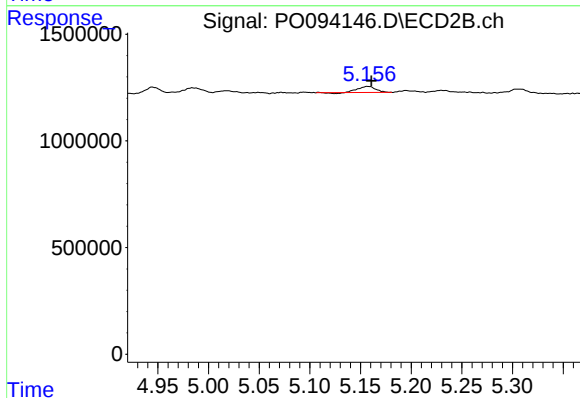
R.T.: 4.985 min
Delta R.T.: -0.004 min
Response: 335534
Conc: 23.61 ng/ml



#15 AR-1232-5

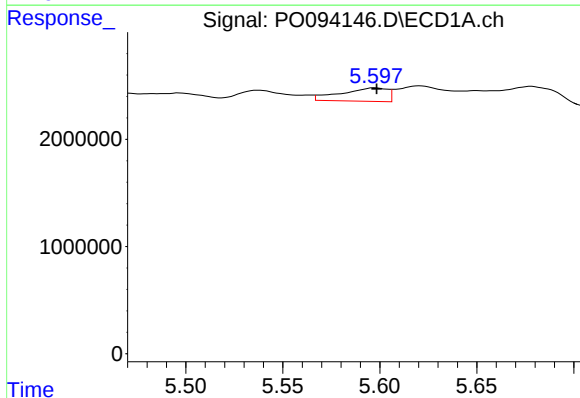
R.T.: 5.875 min
Delta R.T.: 0.000 min
Response: 752604
Conc: 23.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



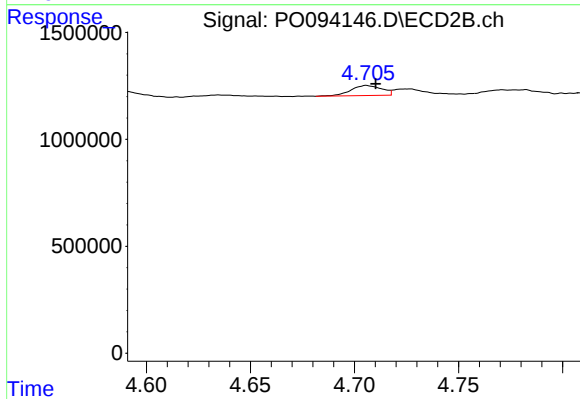
#15 AR-1232-5

R.T.: 5.157 min
Delta R.T.: -0.004 min
Response: 321345
Conc: 20.80 ng/ml



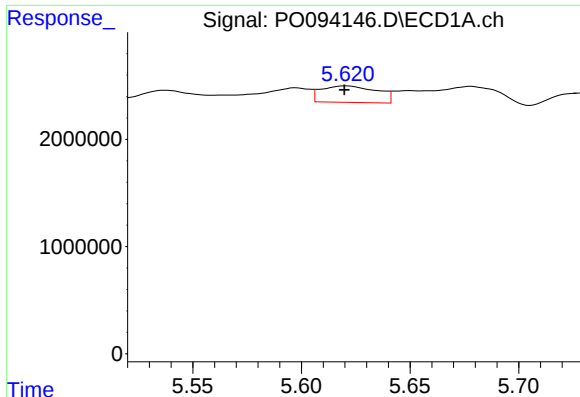
#16 AR-1242-1

R.T.: 5.597 min
Delta R.T.: 0.000 min
Response: 2092707
Conc: 23.98 ng/ml



#16 AR-1242-1

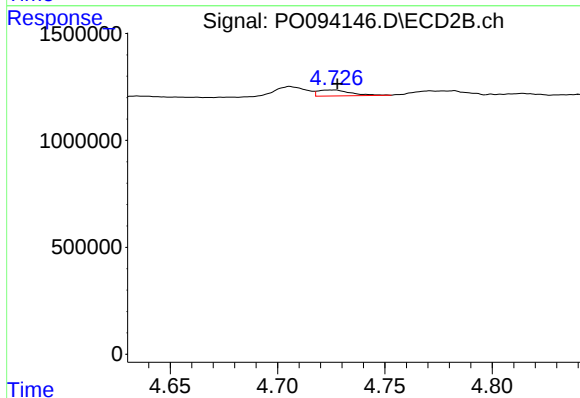
R.T.: 4.706 min
Delta R.T.: -0.004 min
Response: 487114
Conc: 15.83 ng/ml



#17 AR-1242-2

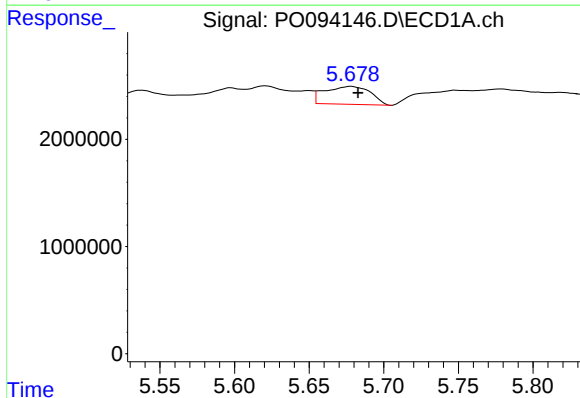
R.T.: 5.621 min
Delta R.T.: 0.000 min
Response: 2748992
Conc: 20.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



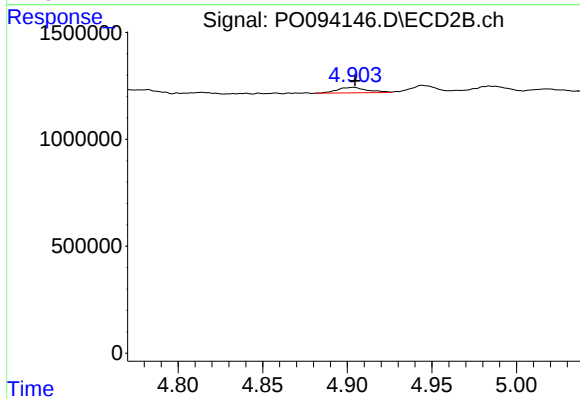
#17 AR-1242-2

R.T.: 4.726 min
Delta R.T.: -0.002 min
Response: 293214
Conc: 6.38 ng/ml



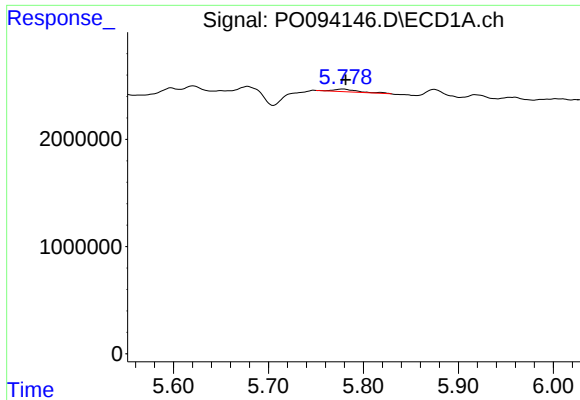
#18 AR-1242-3

R.T.: 5.678 min
Delta R.T.: -0.005 min
Response: 3573062
Conc: 42.09 ng/ml



#18 AR-1242-3

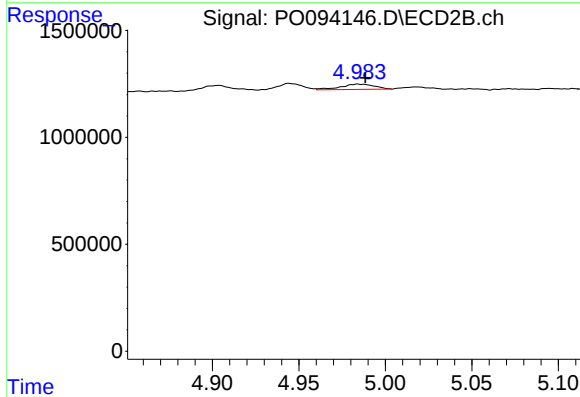
R.T.: 4.903 min
Delta R.T.: -0.001 min
Response: 305706
Conc: 12.61 ng/ml



#19 AR-1242-4

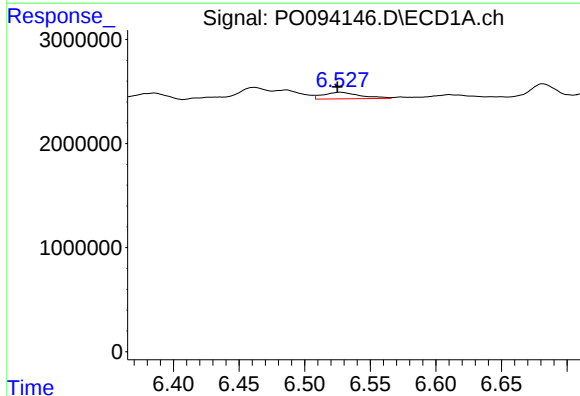
R.T.: 5.778 min
Delta R.T.: -0.003 min
Response: 410423
Conc: 6.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



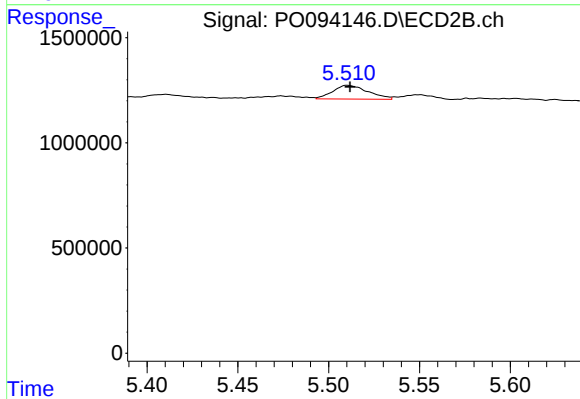
#19 AR-1242-4

R.T.: 4.985 min
Delta R.T.: -0.004 min
Response: 335534
Conc: 11.95 ng/ml



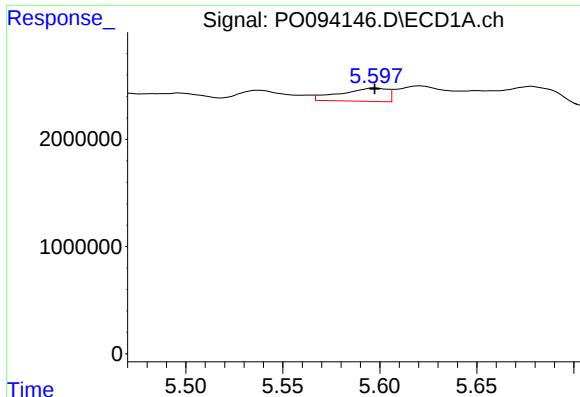
#20 AR-1242-5

R.T.: 6.527 min
Delta R.T.: 0.002 min
Response: 1198758
Conc: 17.80 ng/ml



#20 AR-1242-5

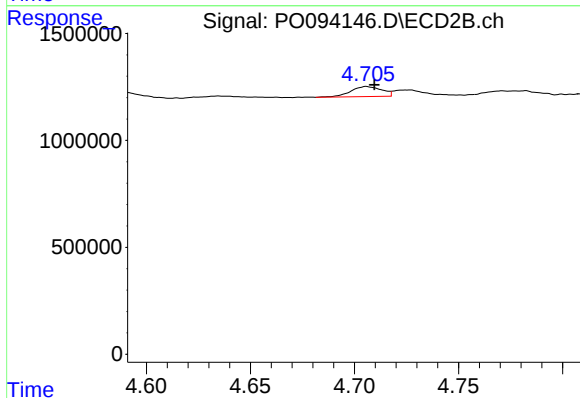
R.T.: 5.511 min
Delta R.T.: -0.001 min
Response: 880808
Conc: 30.89 ng/ml



#21 AR-1248-1

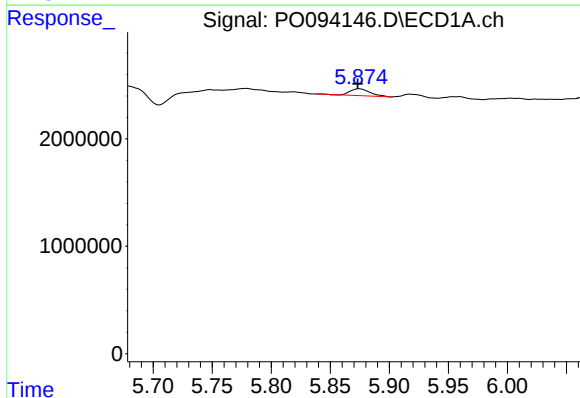
R.T.: 5.597 min
Delta R.T.: 0.000 min
Response: 2092707
Conc: 31.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



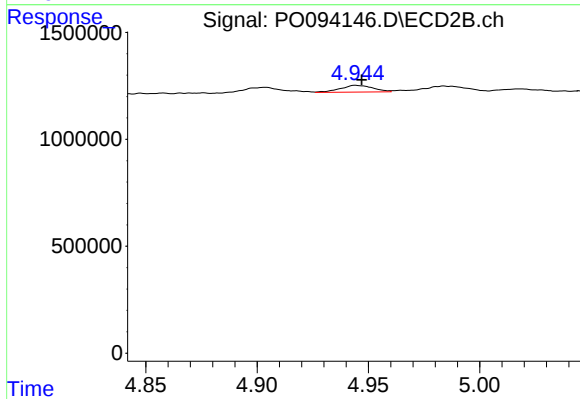
#21 AR-1248-1

R.T.: 4.706 min
Delta R.T.: -0.004 min
Response: 487114
Conc: 20.42 ng/ml



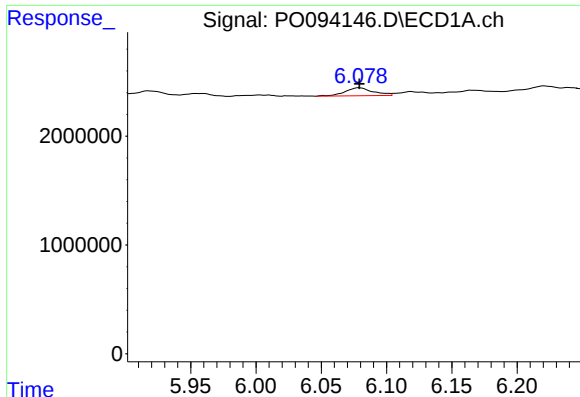
#22 AR-1248-2

R.T.: 5.875 min
Delta R.T.: 0.001 min
Response: 752604
Conc: 6.88 ng/ml



#22 AR-1248-2

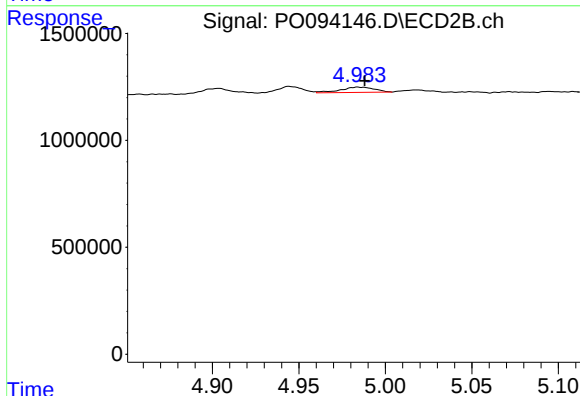
R.T.: 4.945 min
Delta R.T.: -0.002 min
Response: 319110
Conc: 8.01 ng/ml



#23 AR-1248-3

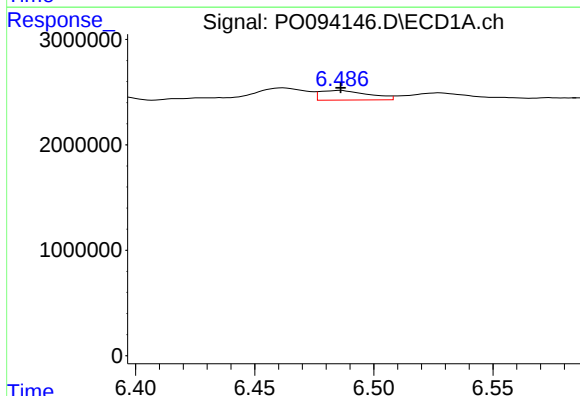
R.T.: 6.079 min
Delta R.T.: 0.000 min
Response: 1097200
Conc: 9.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



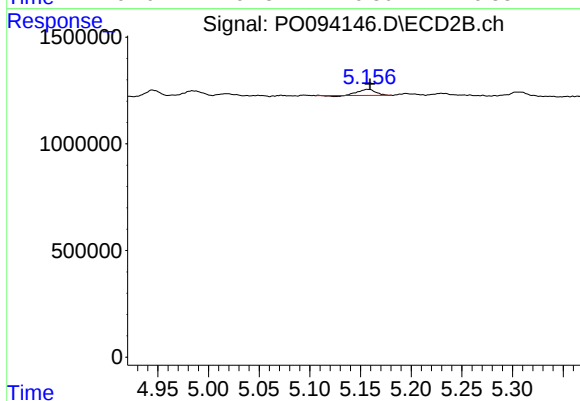
#23 AR-1248-3

R.T.: 4.985 min
Delta R.T.: -0.004 min
Response: 335534
Conc: 8.04 ng/ml



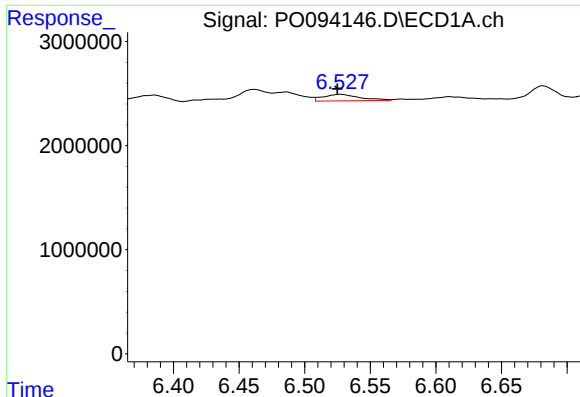
#24 AR-1248-4

R.T.: 6.485 min
Delta R.T.: 0.000 min
Response: 1281943
Conc: 11.94 ng/ml



#24 AR-1248-4

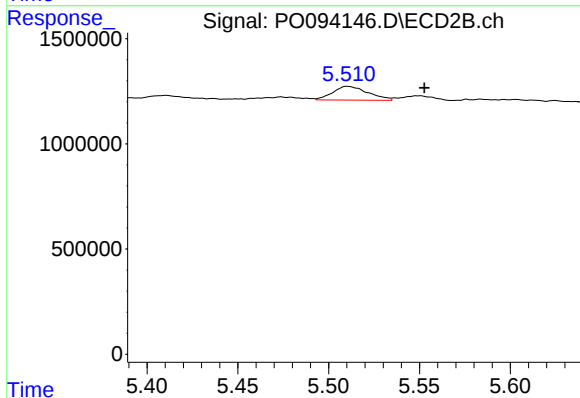
R.T.: 5.157 min
Delta R.T.: -0.002 min
Response: 321345
Conc: 6.83 ng/ml



#25 AR-1248-5

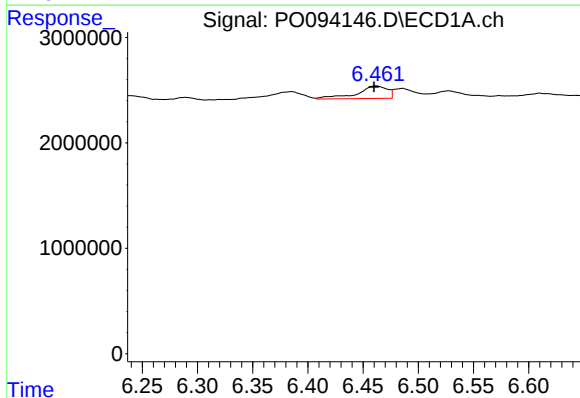
R.T.: 6.527 min
Delta R.T.: 0.002 min
Response: 1198758
Conc: 10.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



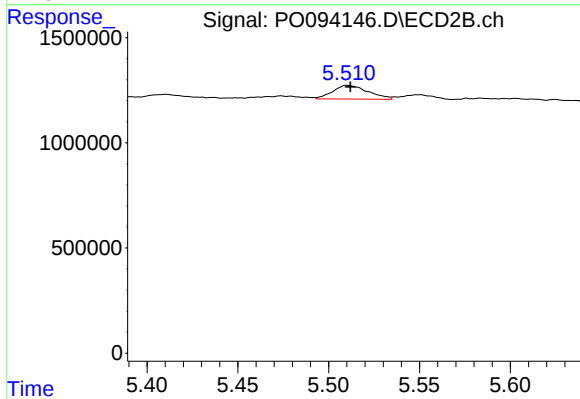
#25 AR-1248-5

R.T.: 5.511 min
Delta R.T.: -0.042 min
Response: 880808
Conc: 23.59 ng/ml



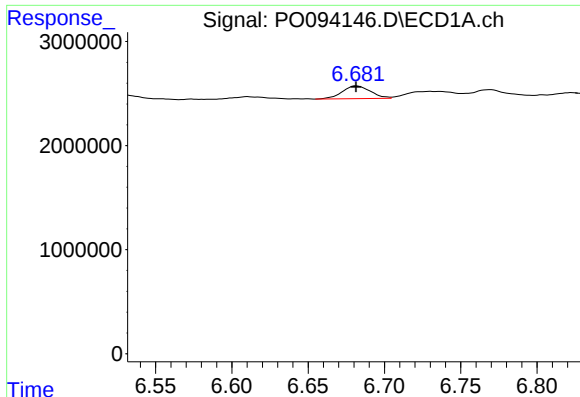
#26 AR-1254-1

R.T.: 6.462 min
Delta R.T.: 0.002 min
Response: 2274842
Conc: 16.77 ng/ml



#26 AR-1254-1

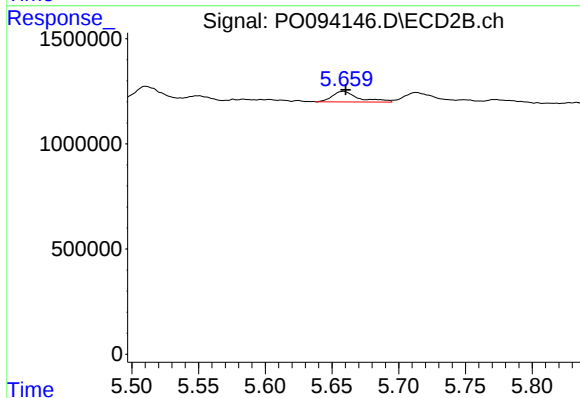
R.T.: 5.511 min
Delta R.T.: -0.001 min
Response: 880808
Conc: 12.89 ng/ml



#27 AR-1254-2

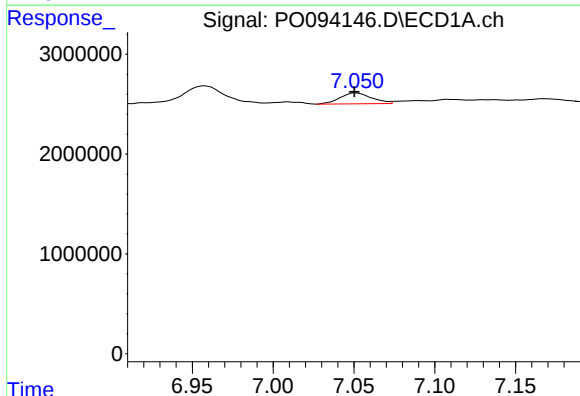
R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 1582992
Conc: 8.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



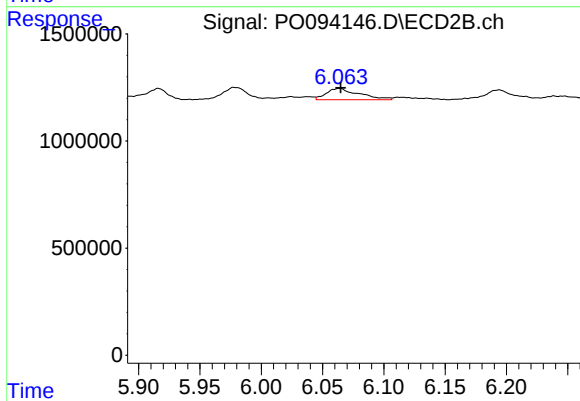
#27 AR-1254-2

R.T.: 5.658 min
Delta R.T.: -0.002 min
Response: 689109
Conc: 11.31 ng/ml



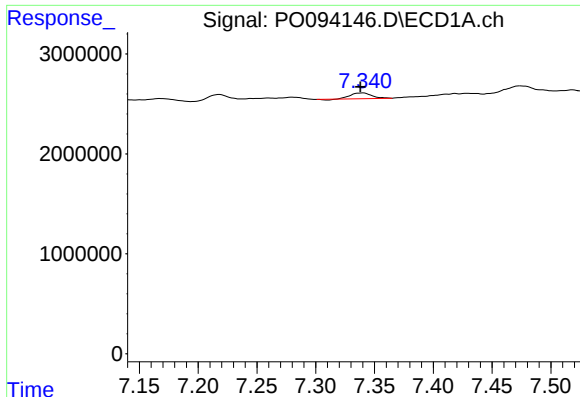
#28 AR-1254-3

R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 1496968
Conc: 8.10 ng/ml



#28 AR-1254-3

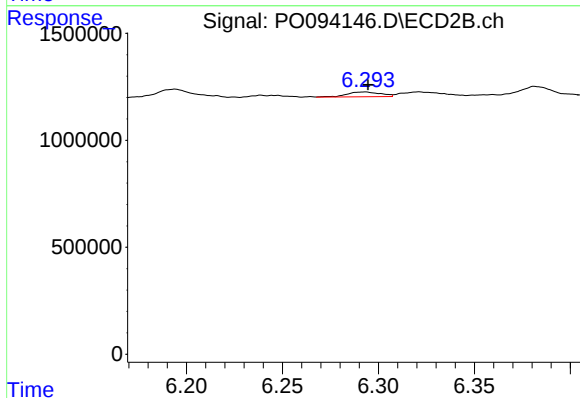
R.T.: 6.064 min
Delta R.T.: 0.000 min
Response: 984344
Conc: 10.81 ng/ml



#29 AR-1254-4

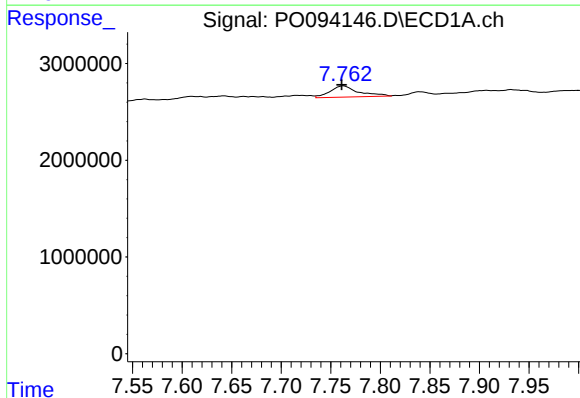
R.T.: 7.339 min
Delta R.T.: 0.001 min
Response: 715783
Conc: 7.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



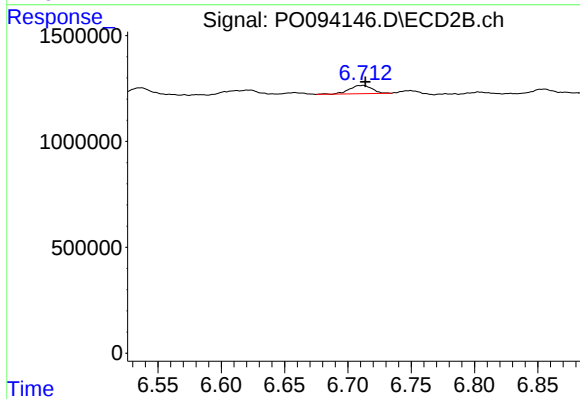
#29 AR-1254-4

R.T.: 6.293 min
Delta R.T.: -0.002 min
Response: 272781
Conc: 6.40 ng/ml



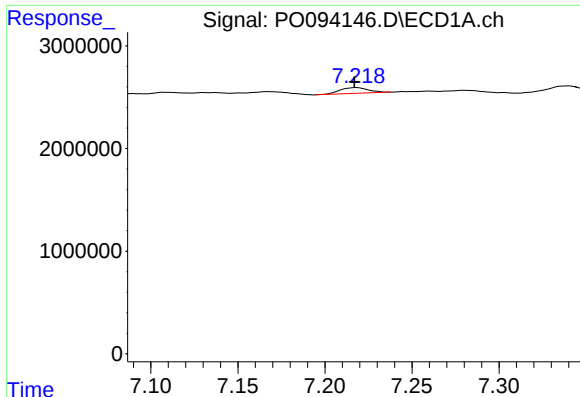
#30 AR-1254-5

R.T.: 7.762 min
Delta R.T.: 0.001 min
Response: 2291611
Conc: 16.90 ng/ml



#30 AR-1254-5

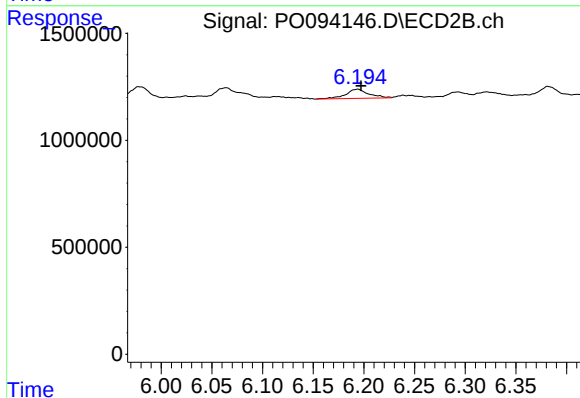
R.T.: 6.712 min
Delta R.T.: -0.002 min
Response: 489495
Conc: 6.78 ng/ml



#31 AR-1260-1

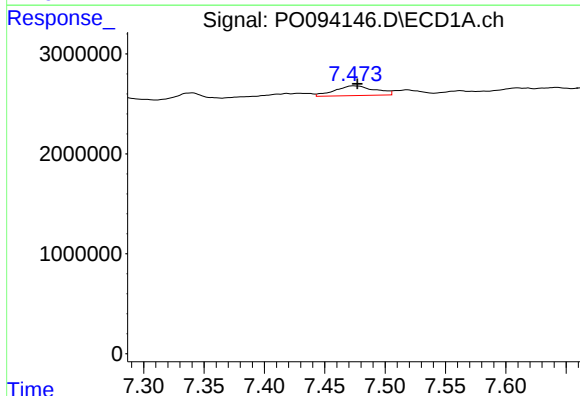
R.T.: 7.218 min
Delta R.T.: 0.000 min
Response: 632717
Conc: 4.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



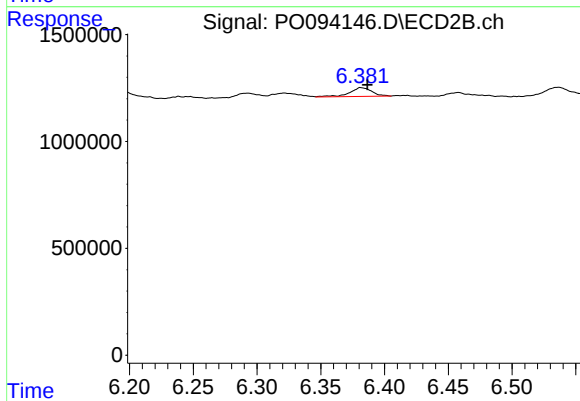
#31 AR-1260-1

R.T.: 6.194 min
Delta R.T.: -0.003 min
Response: 678997
Conc: 10.41 ng/ml



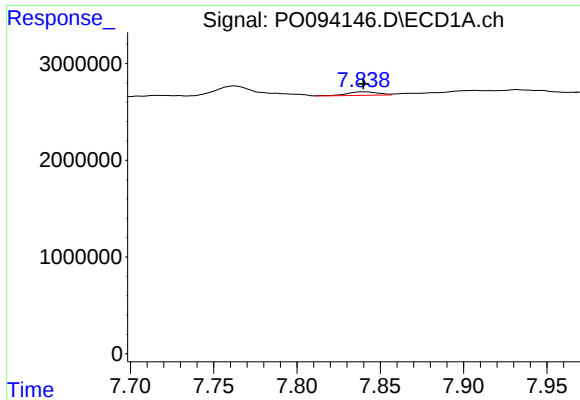
#32 AR-1260-2

R.T.: 7.475 min
Delta R.T.: -0.003 min
Response: 2255224
Conc: 14.09 ng/ml



#32 AR-1260-2

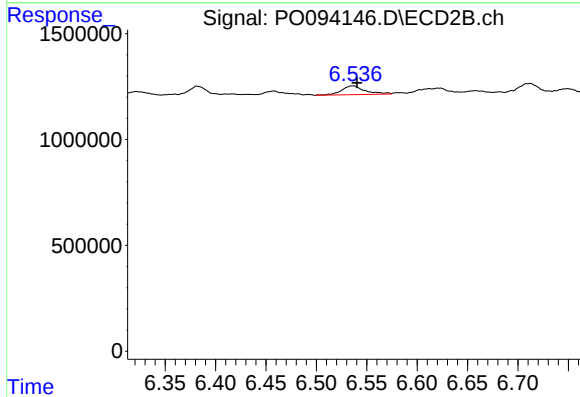
R.T.: 6.382 min
Delta R.T.: -0.005 min
Response: 498781
Conc: 6.87 ng/ml



#33 AR-1260-3

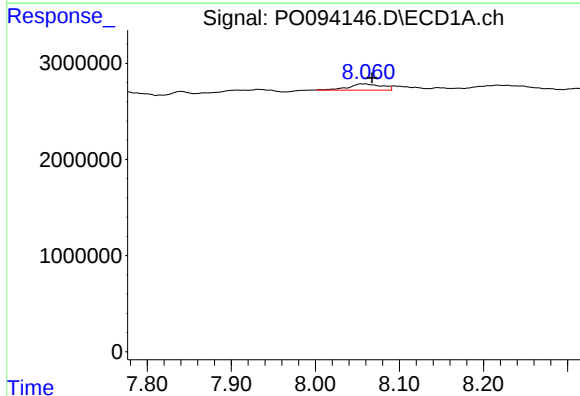
R.T.: 7.840 min
Delta R.T.: 0.000 min
Response: 476056
Conc: 3.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



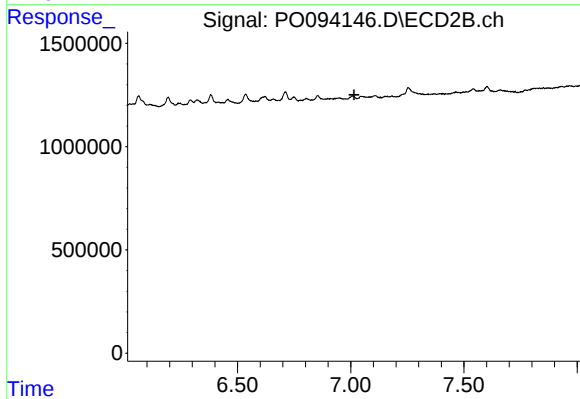
#33 AR-1260-3

R.T.: 6.536 min
Delta R.T.: -0.004 min
Response: 666971
Conc: 9.19 ng/ml



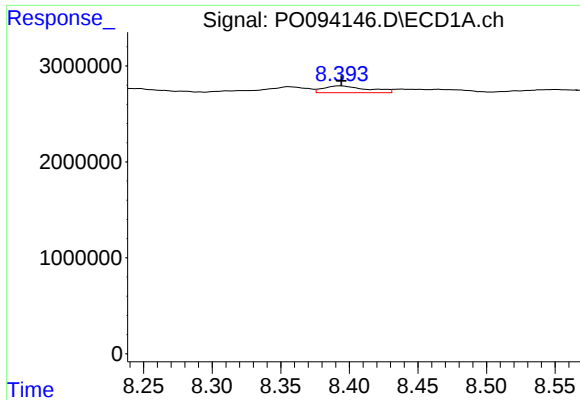
#34 AR-1260-4

R.T.: 8.057 min
Delta R.T.: -0.010 min
Response: 1774561
Conc: 12.88 ng/ml



#34 AR-1260-4

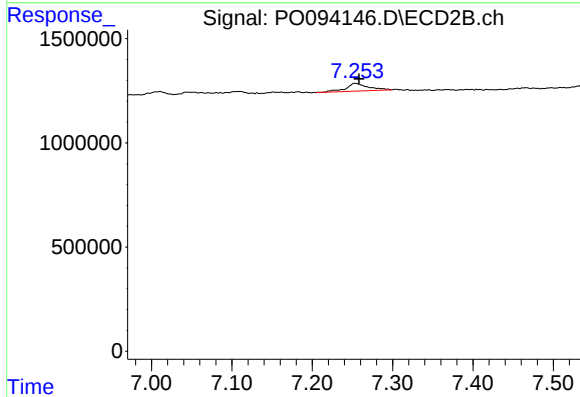
R.T.: 0.000 min
Exp R.T.: 7.014 min
Response: 0
Conc: N.D.



#35 AR-1260-5

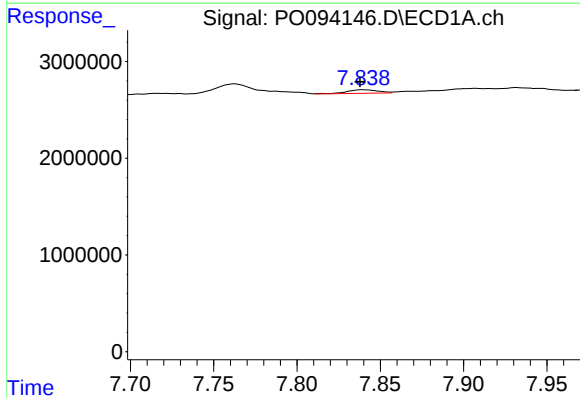
R.T.: 8.393 min
Delta R.T.: 0.000 min
Response: 1566040
Conc: 7.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



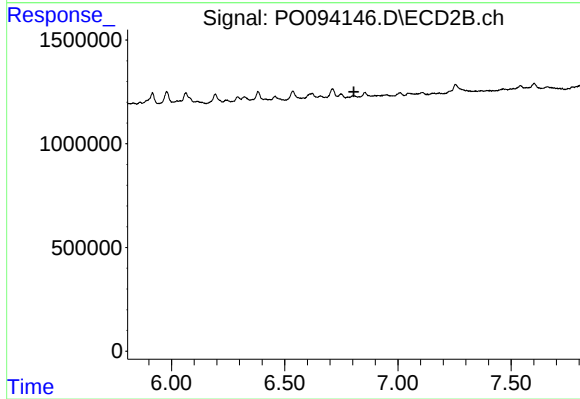
#35 AR-1260-5

R.T.: 7.253 min
Delta R.T.: -0.005 min
Response: 743896
Conc: 7.17 ng/ml



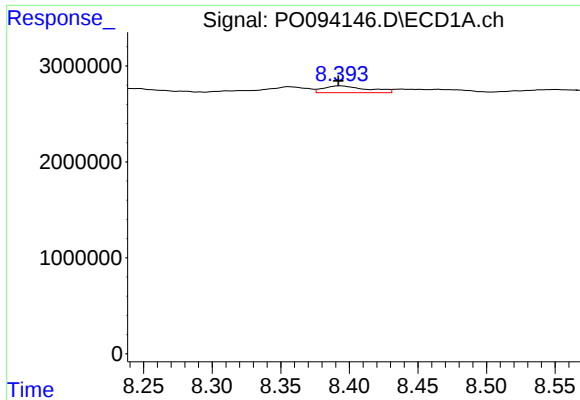
#36 AR-1262-1

R.T.: 7.840 min
Delta R.T.: 0.002 min
Response: 476056
Conc: 2.79 ng/ml



#36 AR-1262-1

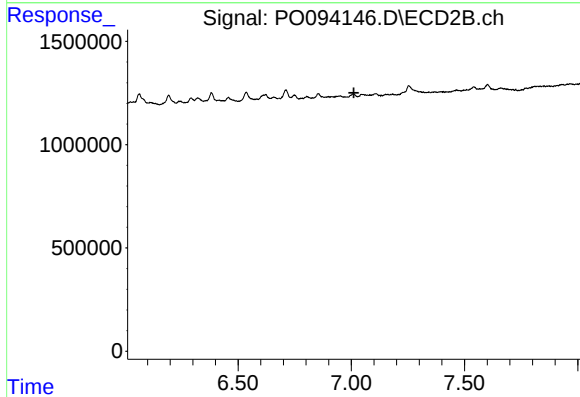
R.T.: 0.000 min
Exp R.T. : 6.805 min
Response: 0
Conc: N.D.



#37 AR-1262-2

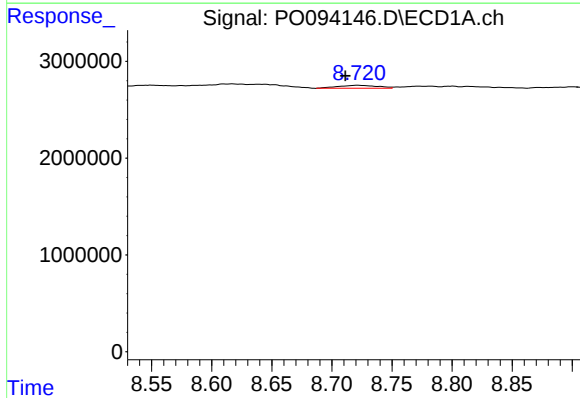
R.T.: 8.393 min
Delta R.T.: 0.001 min
Response: 1566040
Conc: 6.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



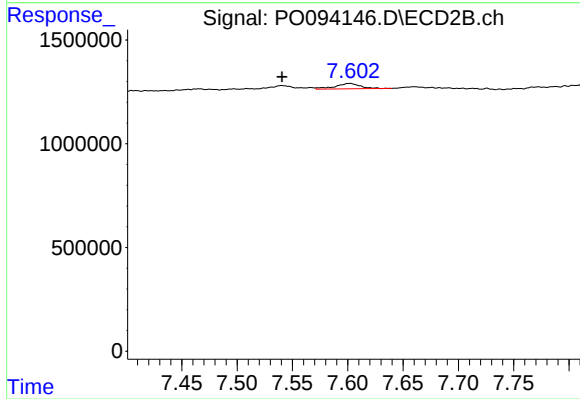
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.012 min
Response: 0
Conc: N.D.



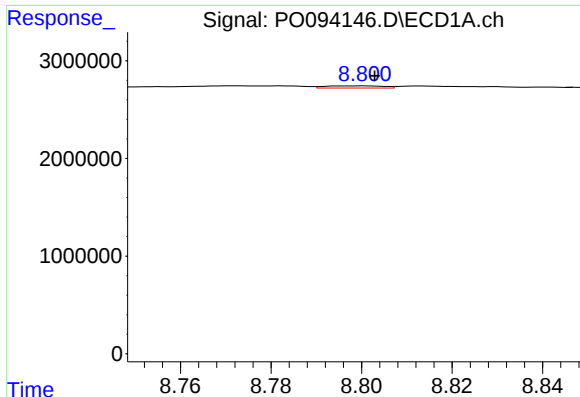
#38 AR-1262-3

R.T.: 8.721 min
Delta R.T.: 0.010 min
Response: 701707
Conc: 4.28 ng/ml



#38 AR-1262-3

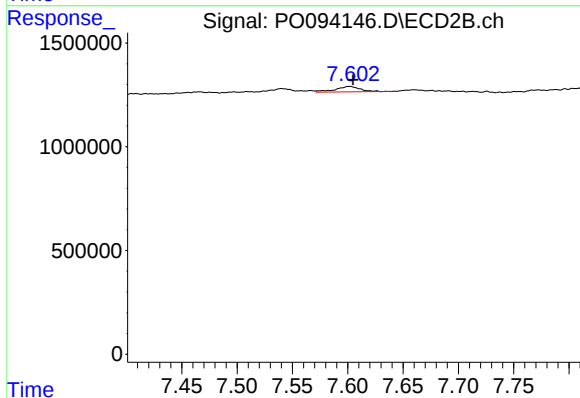
R.T.: 7.602 min
Delta R.T.: 0.061 min
Response: 409469
Conc: 8.18 ng/ml



#39 AR-1262-4

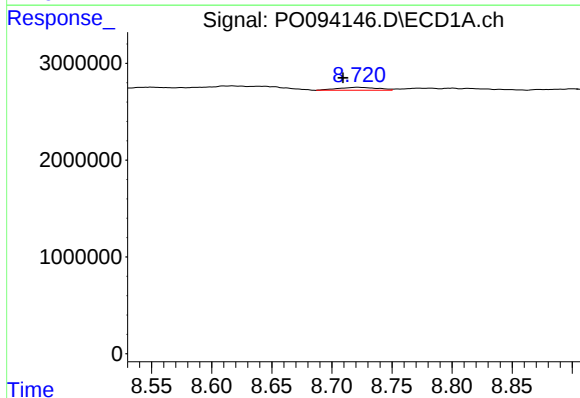
R.T.: 8.799 min
Delta R.T.: -0.004 min
Response: 195569
Conc: 1.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



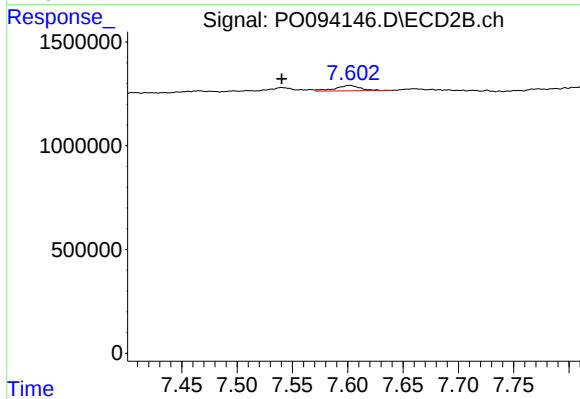
#39 AR-1262-4

R.T.: 7.602 min
Delta R.T.: -0.003 min
Response: 409469
Conc: 4.94 ng/ml



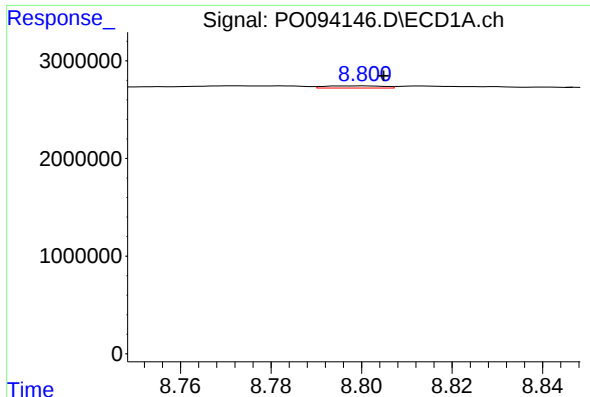
#41 AR-1268-1

R.T.: 8.721 min
Delta R.T.: 0.012 min
Response: 701707
Conc: 2.08 ng/ml



#41 AR-1268-1

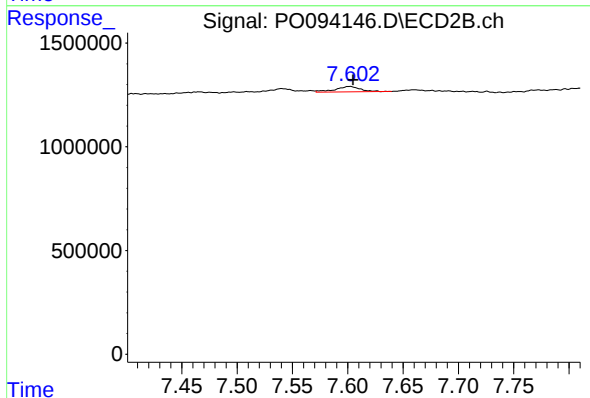
R.T.: 7.602 min
Delta R.T.: 0.061 min
Response: 409469
Conc: 2.68 ng/ml



#42 AR-1268-2

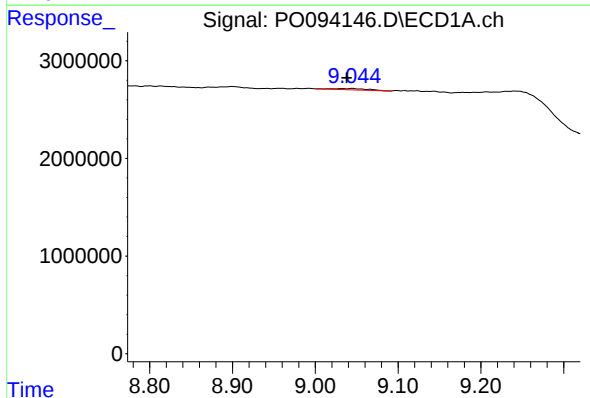
R.T.: 8.799 min
Delta R.T.: -0.006 min
Response: 195569
Conc: 0.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



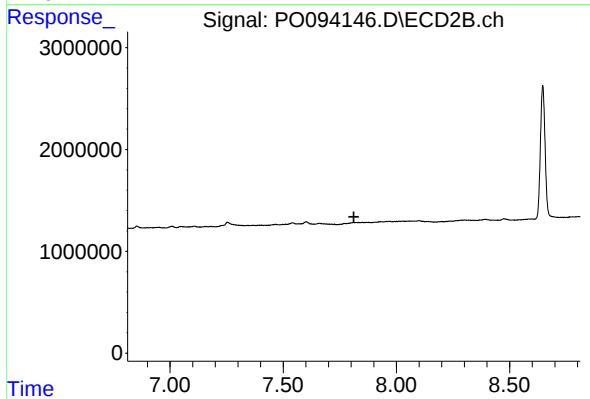
#42 AR-1268-2

R.T.: 7.602 min
Delta R.T.: -0.003 min
Response: 409469
Conc: 3.01 ng/ml



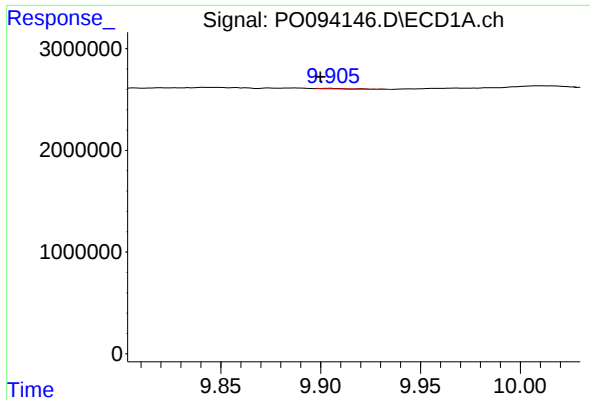
#43 AR-1268-3

R.T.: 9.045 min
Delta R.T.: 0.007 min
Response: 406631
Conc: 1.43 ng/ml



#43 AR-1268-3

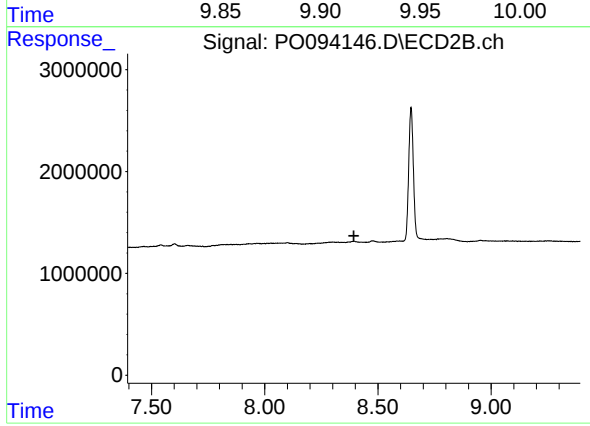
R.T.: 0.000 min
Exp R.T. : 7.812 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.904 min
Delta R.T.: 0.004 min
Response: 54728
Conc: 0.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.394 min
Response: 0
Conc: N.D.