

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0072423\
 Data File : P0096263.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2023 10:30
 Operator : YP/AJ
 Sample : 03686-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 21:28:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0072123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jul 22 12:20:47 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	3.627	64121270	25799208	20.366	19.657
2)	SA Decachlor...	10.231	8.656	44335982	21254308	22.531	19.509
Target Compounds							
3)	L1 AR-1016-1	5.615	4.697	4069727	29126	48.926	0.714 #
4)	L1 AR-1016-2	5.615	4.744	4069727	240642	34.721	4.250 #
5)	L1 AR-1016-3	5.683	4.912	34528	198892	0.461	6.454 #
6)	L1 AR-1016-4	0.000	4.978	0	1483407	N.D.	52.380 #
7)	L1 AR-1016-5	6.085	5.173	577120	589842	8.966	17.267 #
8)	L2 AR-1221-1	4.616	0.000	524438	0	14.233	N.D. #
9)	L2 AR-1221-2	4.718	3.925	911088	1042084	32.756	80.834 #
10)	L2 AR-1221-3	4.804	4.000	330898	444787	4.098	11.605 #
11)	L3 AR-1232-1	4.804	4.000	330898	444787	5.088	14.285 #
12)	L3 AR-1232-2	5.338	4.744	943681	240642	25.440	9.056 #
13)	L3 AR-1232-3	5.615	4.912	4069727	198892	75.586	14.180 #
14)	L3 AR-1232-4	0.000	4.978	0	1483407	N.D.	107.374 #
15)	L3 AR-1232-5	5.881	5.173	3898709	589842	154.220	35.211 #
16)	L4 AR-1242-1	5.615	4.697	4069727	29126	54.011	0.790 #
17)	L4 AR-1242-2	5.615	4.744	4069727	240642	38.405	4.778 #
18)	L4 AR-1242-3	5.683	4.912	34528	198892	0.520	7.091 #
19)	L4 AR-1242-4	0.000	4.978	0	1483407	N.D.	49.656 #
20)	L4 AR-1242-5	6.489	5.522	13140101	4110169	229.433	119.786 #
21)	L5 AR-1248-1	5.615	4.697	4069727	29126	76.015	1.108 #
22)	L5 AR-1248-2	5.881	4.978	3898709	1483407	44.303	37.401
23)	L5 AR-1248-3	6.085	4.978	577120	1483407	6.243	35.487 #
24)	L5 AR-1248-4	6.489	5.173	13140101	589842	152.924	12.394 #
25)	L5 AR-1248-5	6.489	5.564	13140101	1278357	145.285	29.151 #
26)	L6 AR-1254-1	6.441	5.522	18527046	4110169	185.413	59.724 #
27)	L6 AR-1254-2	6.680	5.670	10388412	1477476	71.791	24.331 #
28)	L6 AR-1254-3	7.062	6.072	12192903	2889171	84.680	30.986 #
29)	L6 AR-1254-4	7.278f	6.320	7402011	968106	79.826	17.328 #
30)	L6 AR-1254-5	7.752	6.722	4468631	5003230	43.473	62.823 #
31)	L7 AR-1260-1	7.219	6.226	3512411	8381596	26.603	124.566 #
32)	L7 AR-1260-2	7.463	6.393	45109438	1793963	367.158	23.176 #
33)	L7 AR-1260-3	7.752	6.550	4468631	-362696	33.232	N.D. #
34)	L7 AR-1260-4	8.058	7.024	1958459	1473570	18.507	24.581 #
35)	L7 AR-1260-5	8.380	7.265	2380957	1770298	12.229	13.541
36)	L8 AR-1262-1	7.827	6.825	1414939	2516137	9.959	70.049 #
37)	L8 AR-1262-2	8.380	7.024	2380957	1473570	11.064	19.432 #
38)	L8 AR-1262-3	8.712	7.546	2778525	1067380	17.762	18.316
39)	L8 AR-1262-4	8.792	7.613	1200285	1744134	9.703	16.681 #
40)	L8 AR-1262-5	9.458	8.110	719129	351032	9.115	7.128
41)	L9 AR-1268-1	8.712	7.546	2778525	1067380	9.466	6.185 #

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Acq On : 24 Jul 2023 10:30
Operator : YP/AJ
Sample : 03686-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

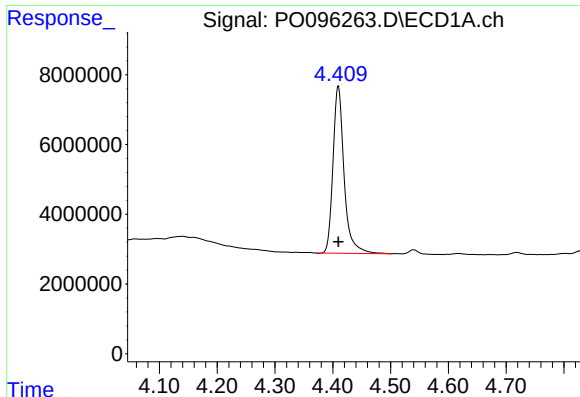
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 21:28:34 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072123.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 22 12:20:47 2023
Response via : Initial Calibration
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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	8.792	7.613	1200285	1744134	4.479	11.250 #
43)	L9 AR-1268-3	9.021	7.821	565838	468393	2.330	3.410 #
44)	L9 AR-1268-4	9.458	8.110	719129	351032	8.210	6.316
45)	L9 AR-1268-5	9.880	8.401	795801	431518	1.063	1.106

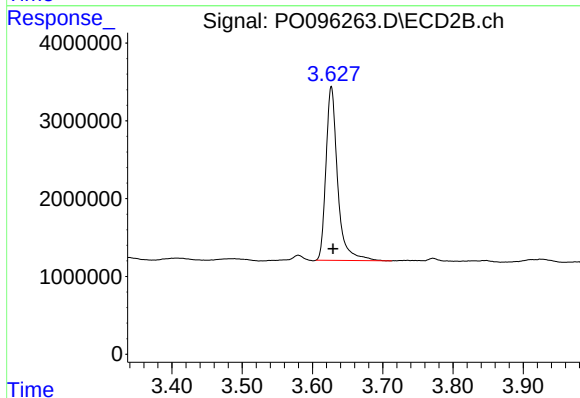
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

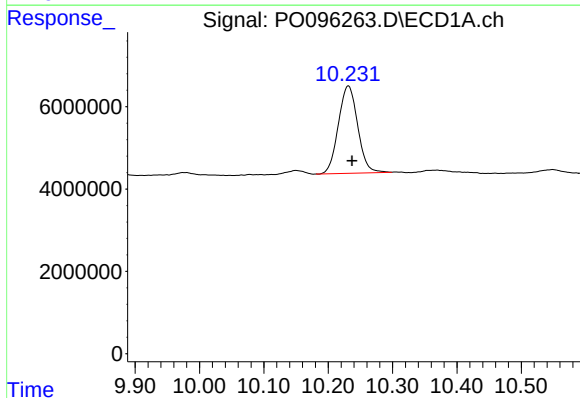
R.T.: 4.410 min
Delta R.T.: 0.000 min
Response: 64121270
Conc: 20.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



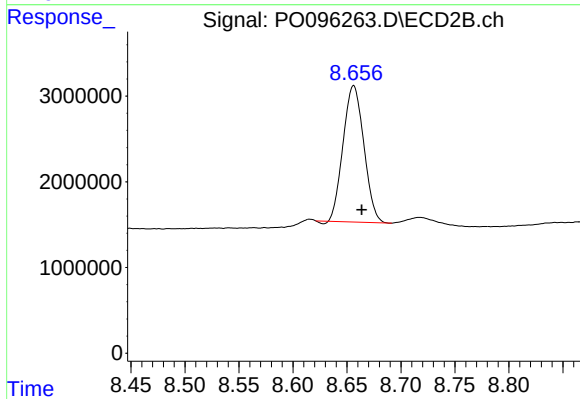
#1 Tetrachloro-m-xylene

R.T.: 3.627 min
Delta R.T.: -0.002 min
Response: 25799208
Conc: 19.66 ng/ml



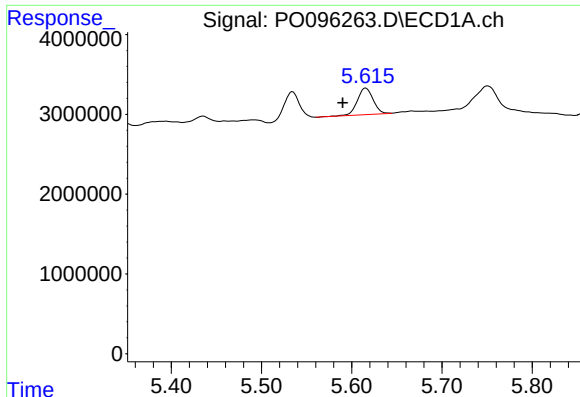
#2 Decachlorobiphenyl

R.T.: 10.231 min
Delta R.T.: -0.005 min
Response: 44335982
Conc: 22.53 ng/ml



#2 Decachlorobiphenyl

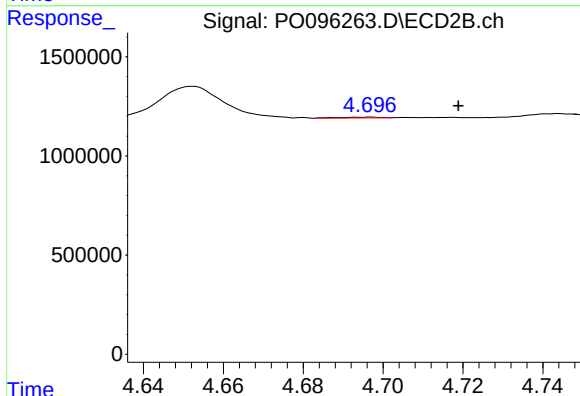
R.T.: 8.656 min
Delta R.T.: -0.007 min
Response: 21254308
Conc: 19.51 ng/ml



#3 AR-1016-1

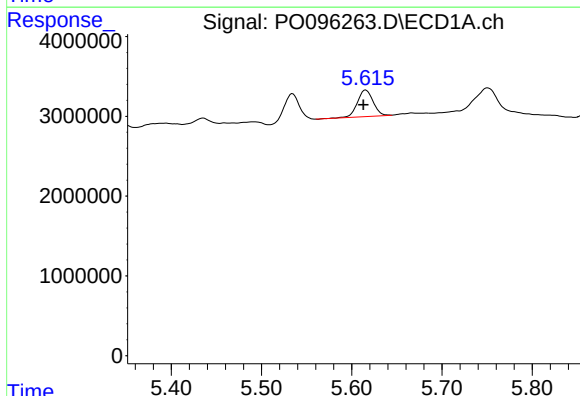
R.T.: 5.615 min
Delta R.T.: 0.025 min
Response: 4069727
Conc: 48.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



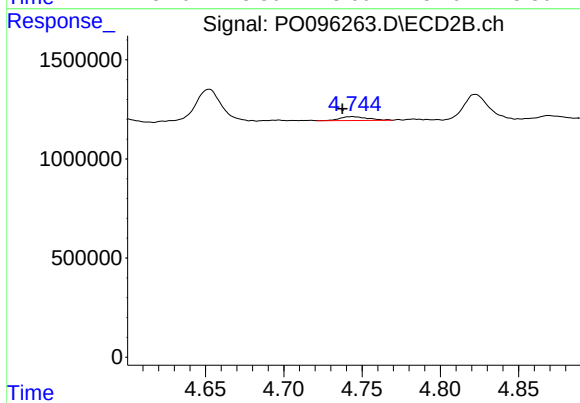
#3 AR-1016-1

R.T.: 4.697 min
Delta R.T.: -0.022 min
Response: 29126
Conc: 0.71 ng/ml



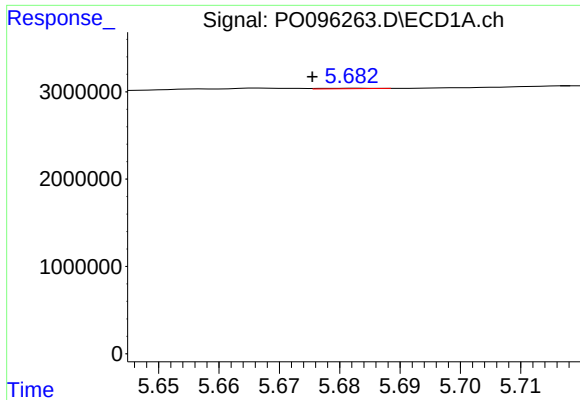
#4 AR-1016-2

R.T.: 5.615 min
Delta R.T.: 0.003 min
Response: 4069727
Conc: 34.72 ng/ml



#4 AR-1016-2

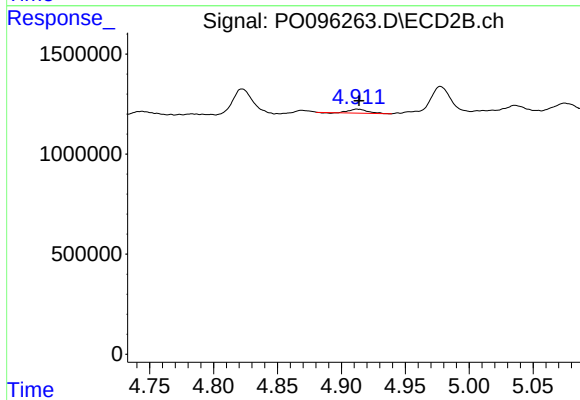
R.T.: 4.744 min
Delta R.T.: 0.006 min
Response: 240642
Conc: 4.25 ng/ml



#5 AR-1016-3

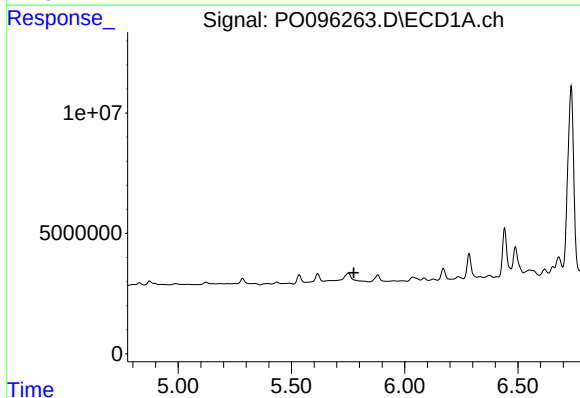
R.T.: 5.683 min
Delta R.T.: 0.008 min
Response: 34528
Conc: 0.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



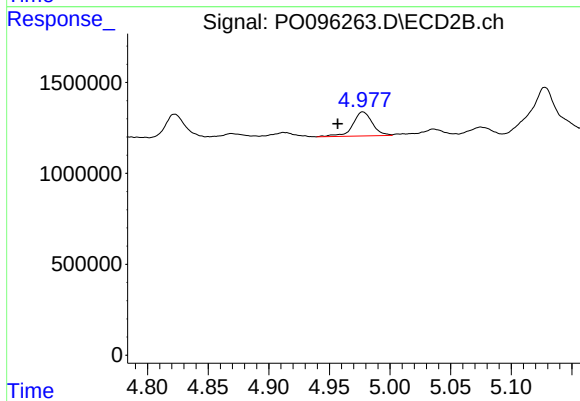
#5 AR-1016-3

R.T.: 4.912 min
Delta R.T.: -0.001 min
Response: 198892
Conc: 6.45 ng/ml



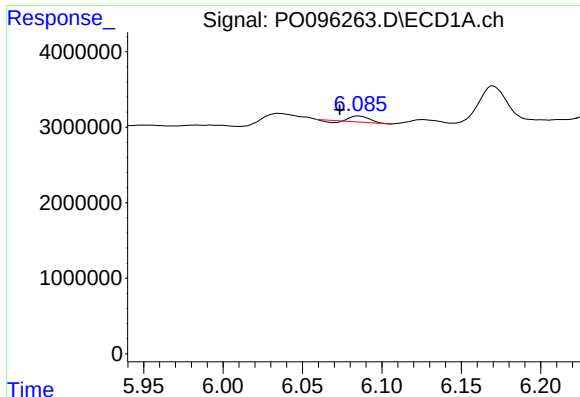
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.775 min
Response: 0
Conc: N.D.



#6 AR-1016-4

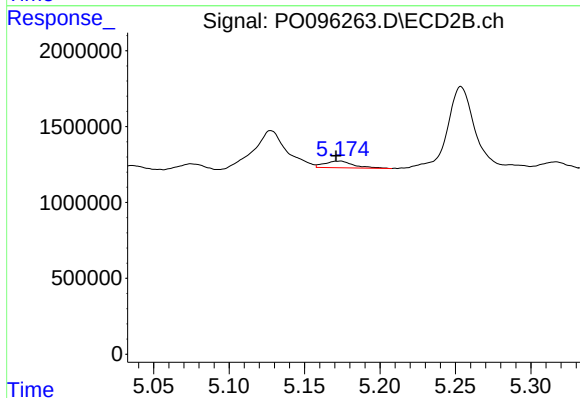
R.T.: 4.978 min
Delta R.T.: 0.021 min
Response: 1483407
Conc: 52.38 ng/ml



#7 AR-1016-5

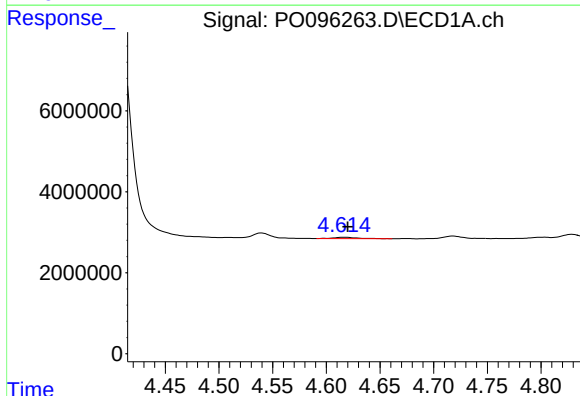
R.T.: 6.085 min
Delta R.T.: 0.012 min
Response: 577120
Conc: 8.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



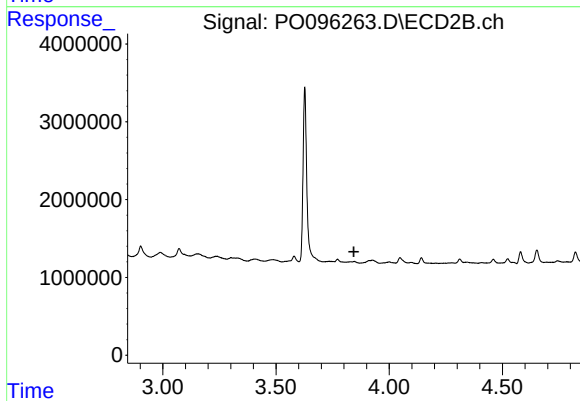
#7 AR-1016-5

R.T.: 5.173 min
Delta R.T.: 0.002 min
Response: 589842
Conc: 17.27 ng/ml



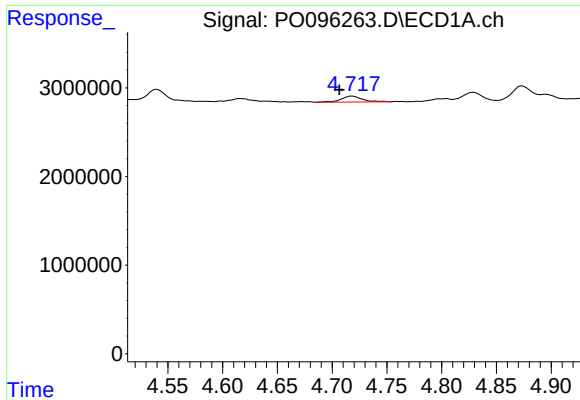
#8 AR-1221-1

R.T.: 4.616 min
Delta R.T.: -0.004 min
Response: 524438
Conc: 14.23 ng/ml



#8 AR-1221-1

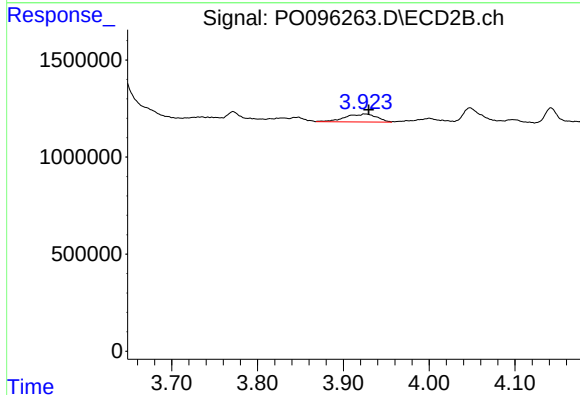
R.T.: 0.000 min
Exp R.T. : 3.844 min
Response: 0
Conc: N.D.



#9 AR-1221-2

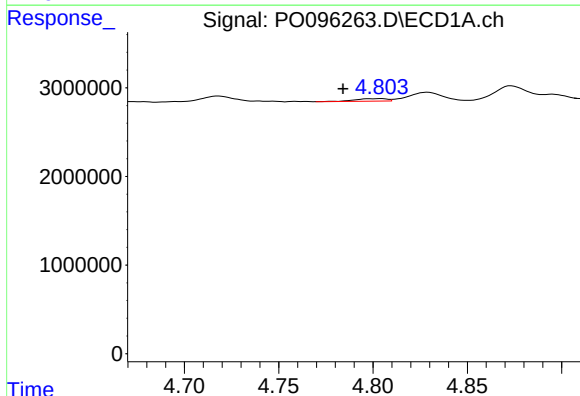
R.T.: 4.718 min
Delta R.T.: 0.012 min
Response: 911088
Conc: 32.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



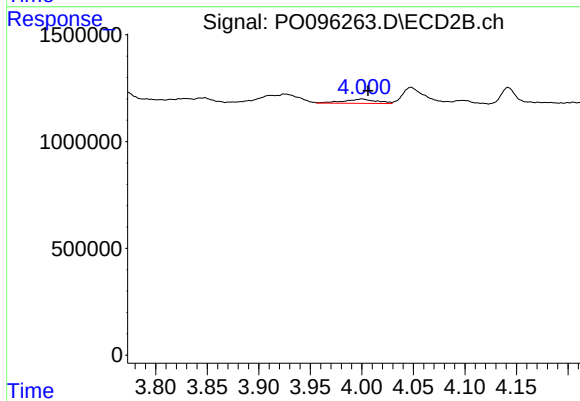
#9 AR-1221-2

R.T.: 3.925 min
Delta R.T.: -0.004 min
Response: 1042084
Conc: 80.83 ng/ml



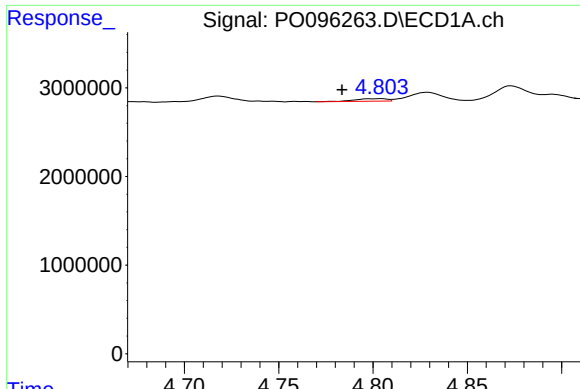
#10 AR-1221-3

R.T.: 4.804 min
Delta R.T.: 0.020 min
Response: 330898
Conc: 4.10 ng/ml



#10 AR-1221-3

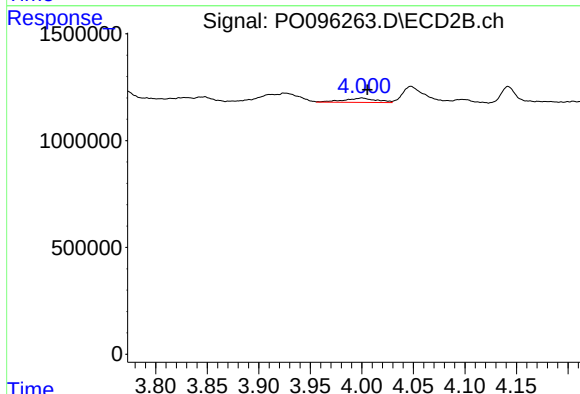
R.T.: 4.000 min
Delta R.T.: -0.006 min
Response: 444787
Conc: 11.60 ng/ml



#11 AR-1232-1

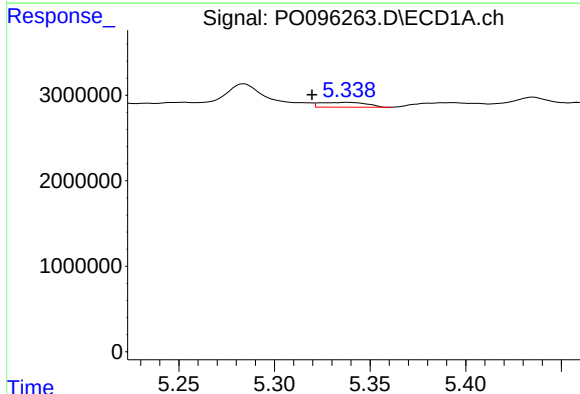
R.T.: 4.804 min
Delta R.T.: 0.021 min
Response: 330898
Conc: 5.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



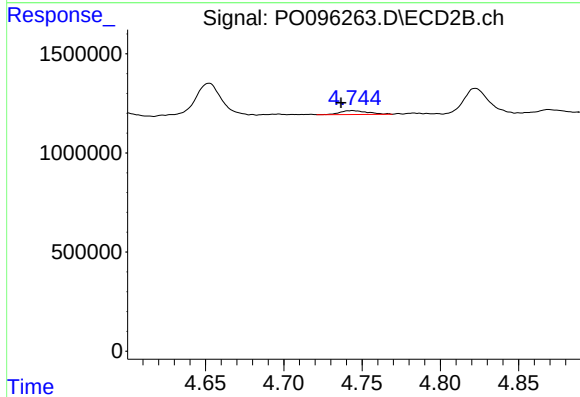
#11 AR-1232-1

R.T.: 4.000 min
Delta R.T.: -0.005 min
Response: 444787
Conc: 14.28 ng/ml



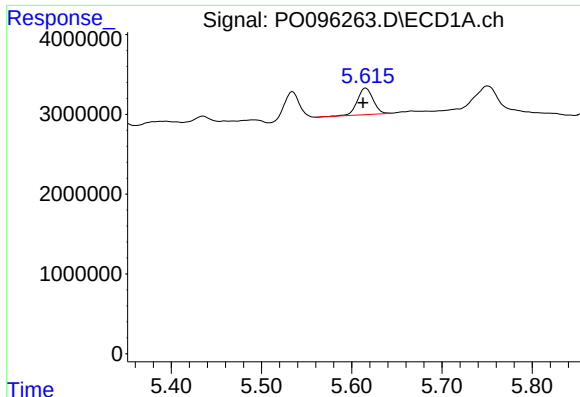
#12 AR-1232-2

R.T.: 5.338 min
Delta R.T.: 0.019 min
Response: 943681
Conc: 25.44 ng/ml



#12 AR-1232-2

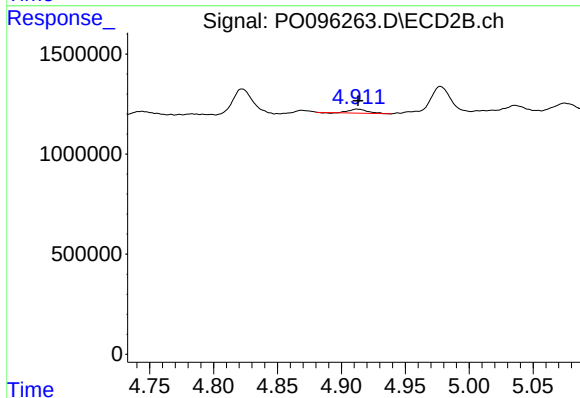
R.T.: 4.744 min
Delta R.T.: 0.007 min
Response: 240642
Conc: 9.06 ng/ml



#13 AR-1232-3

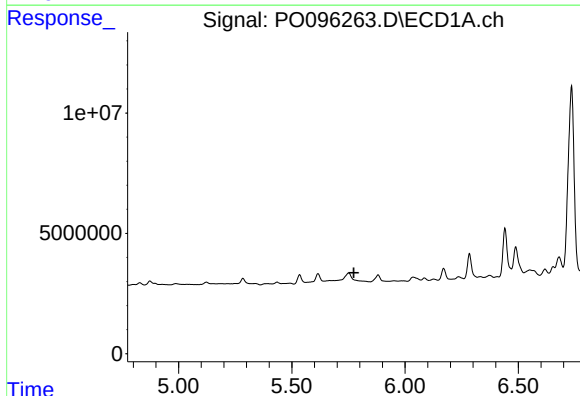
R.T.: 5.615 min
Delta R.T.: 0.003 min
Response: 4069727
Conc: 75.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



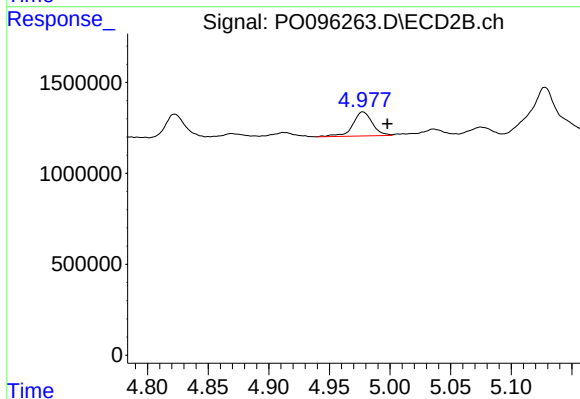
#13 AR-1232-3

R.T.: 4.912 min
Delta R.T.: 0.000 min
Response: 198892
Conc: 14.18 ng/ml



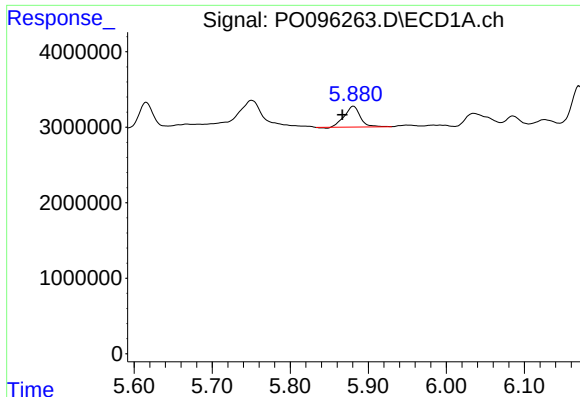
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.774 min
Response: 0
Conc: N.D.



#14 AR-1232-4

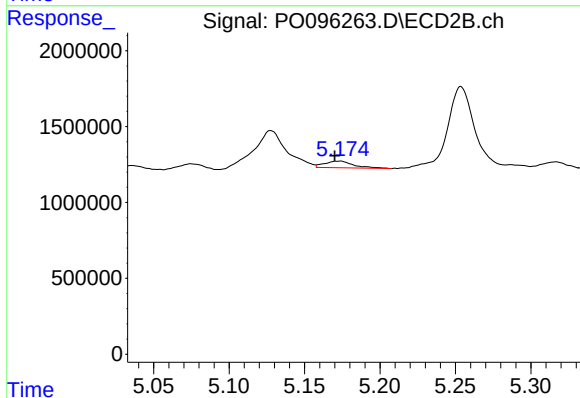
R.T.: 4.978 min
Delta R.T.: -0.020 min
Response: 1483407
Conc: 107.37 ng/ml



#15 AR-1232-5

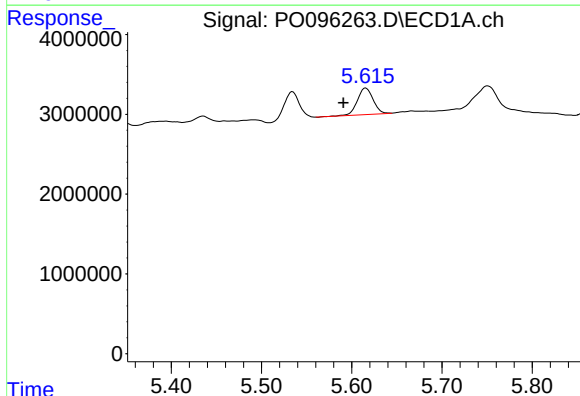
R.T.: 5.881 min
Delta R.T.: 0.014 min
Response: 3898709
Conc: 154.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



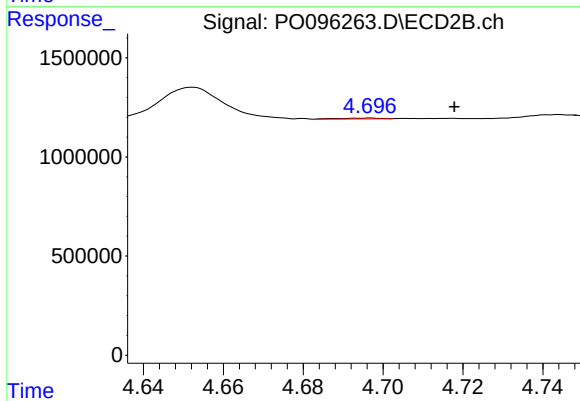
#15 AR-1232-5

R.T.: 5.173 min
Delta R.T.: 0.003 min
Response: 589842
Conc: 35.21 ng/ml



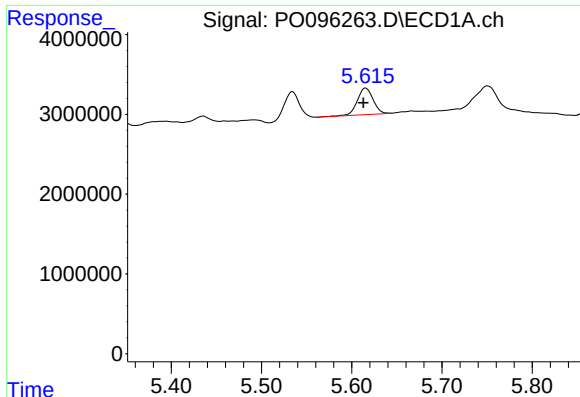
#16 AR-1242-1

R.T.: 5.615 min
Delta R.T.: 0.025 min
Response: 4069727
Conc: 54.01 ng/ml



#16 AR-1242-1

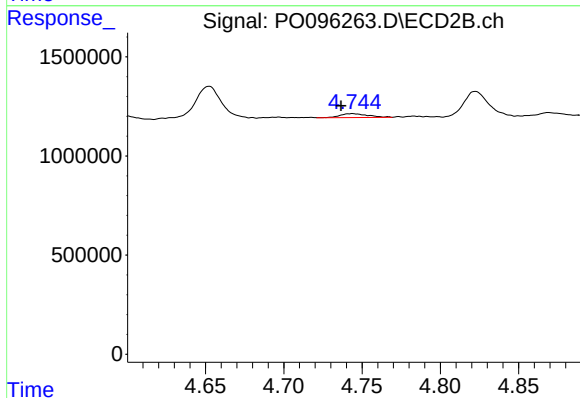
R.T.: 4.697 min
Delta R.T.: -0.021 min
Response: 29126
Conc: 0.79 ng/ml



#17 AR-1242-2

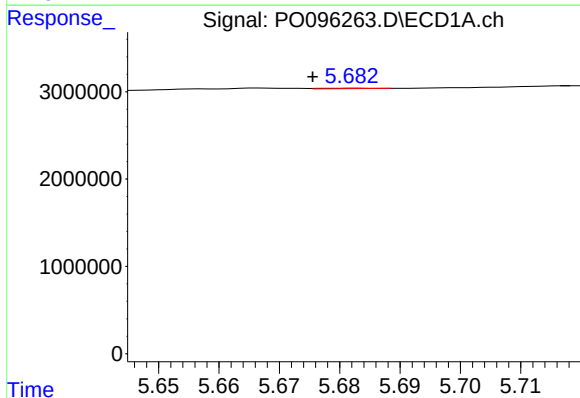
R.T.: 5.615 min
Delta R.T.: 0.003 min
Response: 4069727
Conc: 38.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



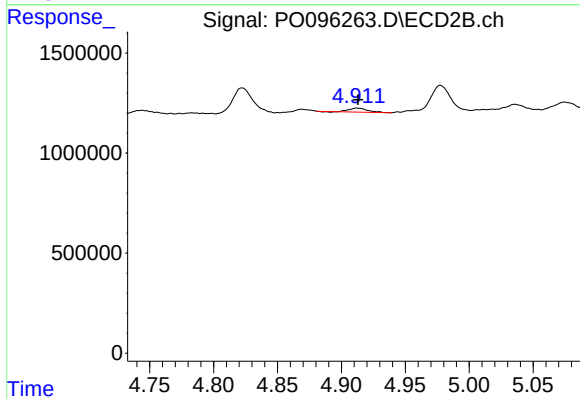
#17 AR-1242-2

R.T.: 4.744 min
Delta R.T.: 0.007 min
Response: 240642
Conc: 4.78 ng/ml



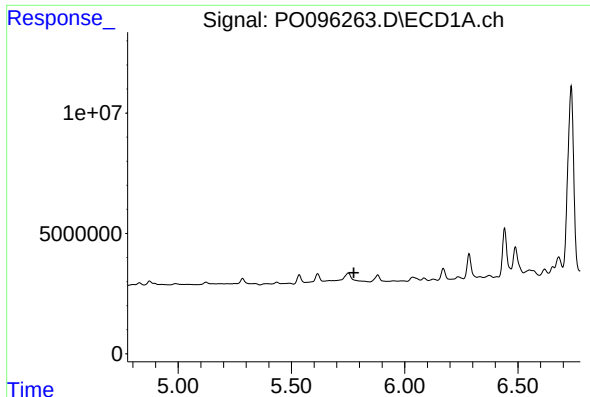
#18 AR-1242-3

R.T.: 5.683 min
Delta R.T.: 0.008 min
Response: 34528
Conc: 0.52 ng/ml



#18 AR-1242-3

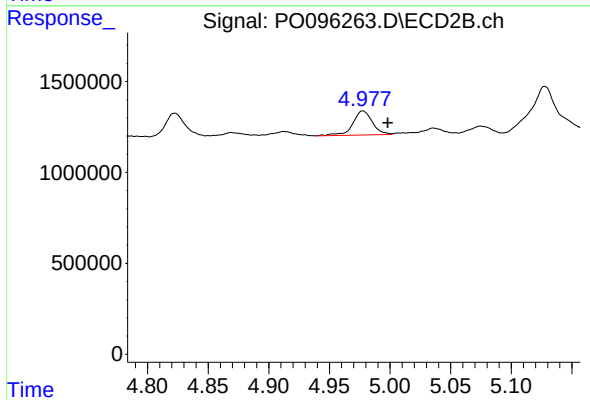
R.T.: 4.912 min
Delta R.T.: 0.000 min
Response: 198892
Conc: 7.09 ng/ml



#19 AR-1242-4

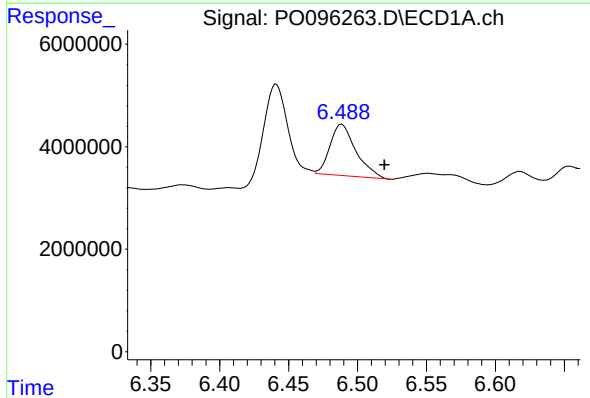
R.T.: 0.000 min
Exp R.T.: 5.775 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



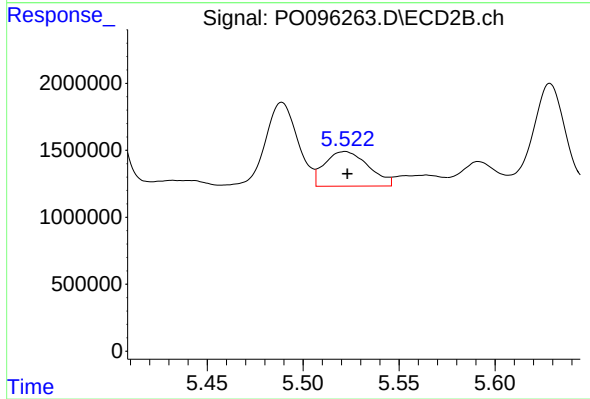
#19 AR-1242-4

R.T.: 4.978 min
Delta R.T.: -0.021 min
Response: 1483407
Conc: 49.66 ng/ml



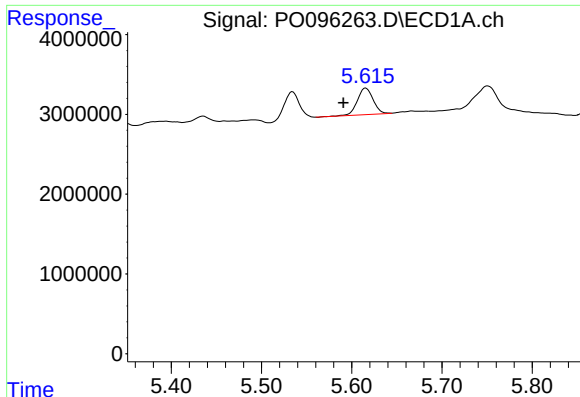
#20 AR-1242-5

R.T.: 6.489 min
Delta R.T.: -0.031 min
Response: 13140101
Conc: 229.43 ng/ml



#20 AR-1242-5

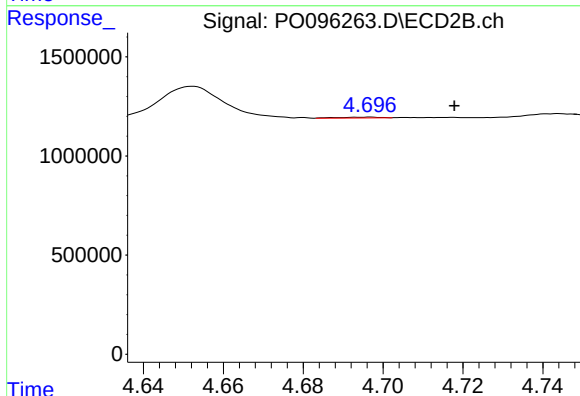
R.T.: 5.522 min
Delta R.T.: -0.001 min
Response: 4110169
Conc: 119.79 ng/ml



#21 AR-1248-1

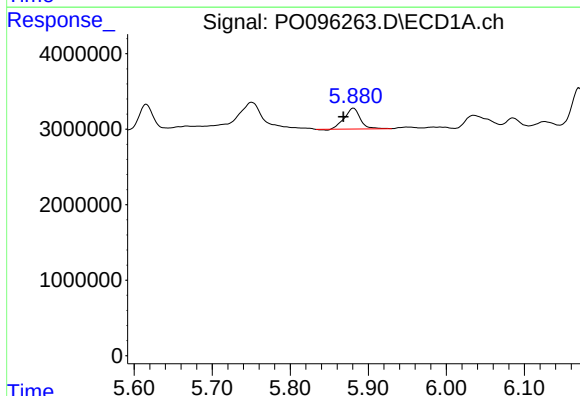
R.T.: 5.615 min
Delta R.T.: 0.025 min
Response: 4069727
Conc: 76.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



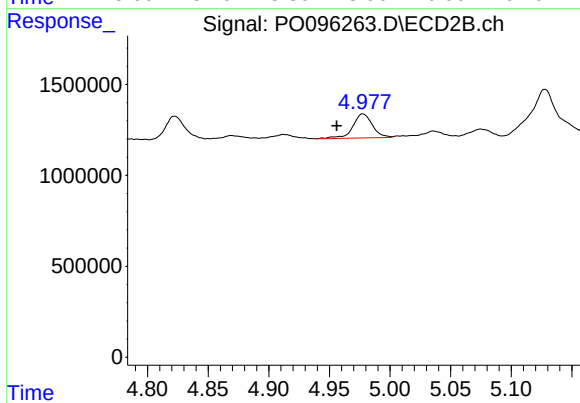
#21 AR-1248-1

R.T.: 4.697 min
Delta R.T.: -0.021 min
Response: 29126
Conc: 1.11 ng/ml



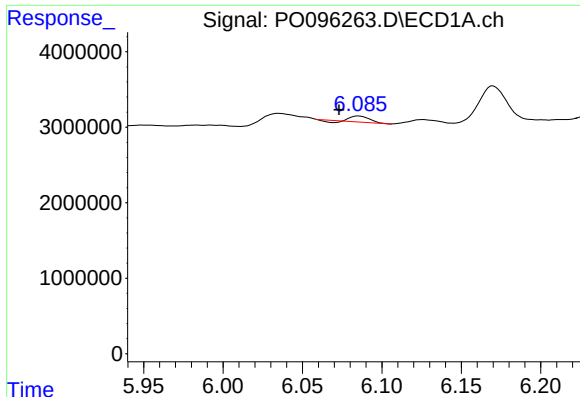
#22 AR-1248-2

R.T.: 5.881 min
Delta R.T.: 0.013 min
Response: 3898709
Conc: 44.30 ng/ml



#22 AR-1248-2

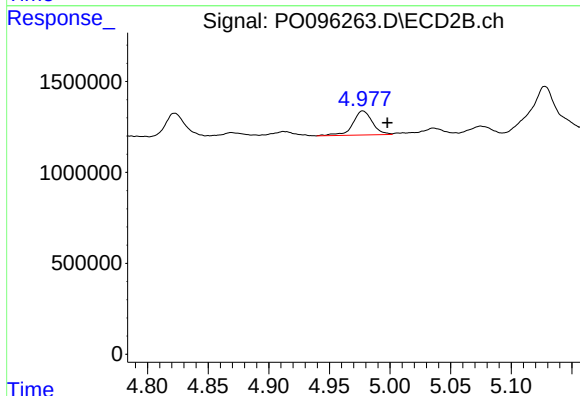
R.T.: 4.978 min
Delta R.T.: 0.022 min
Response: 1483407
Conc: 37.40 ng/ml



#23 AR-1248-3

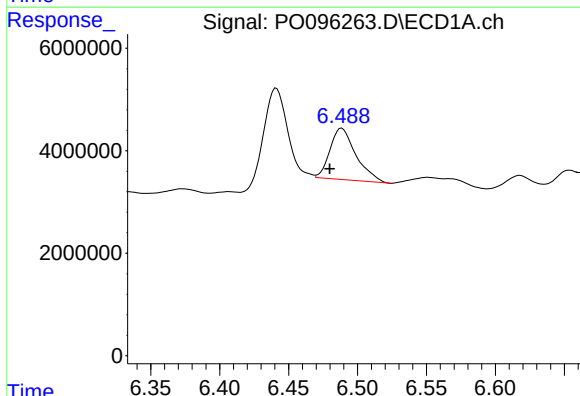
R.T.: 6.085 min
Delta R.T.: 0.012 min
Response: 577120
Conc: 6.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



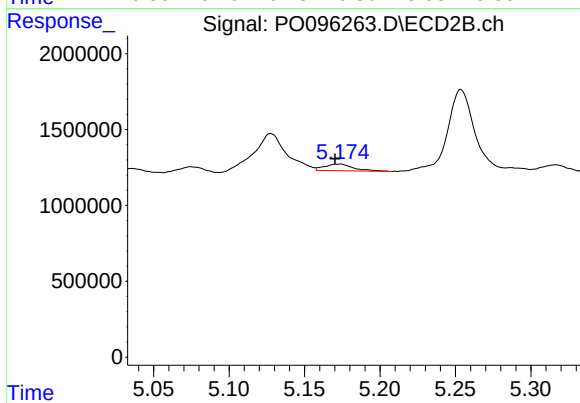
#23 AR-1248-3

R.T.: 4.978 min
Delta R.T.: -0.020 min
Response: 1483407
Conc: 35.49 ng/ml



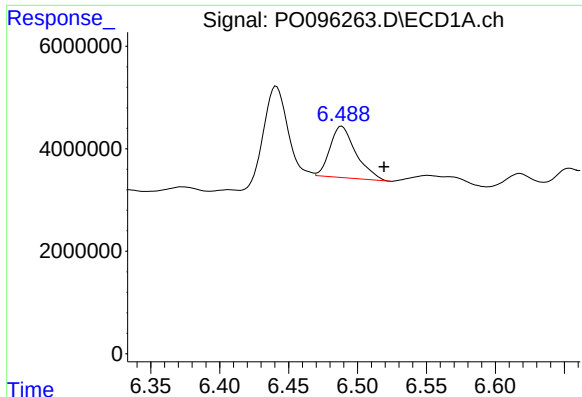
#24 AR-1248-4

R.T.: 6.489 min
Delta R.T.: 0.009 min
Response: 13140101
Conc: 152.92 ng/ml



#24 AR-1248-4

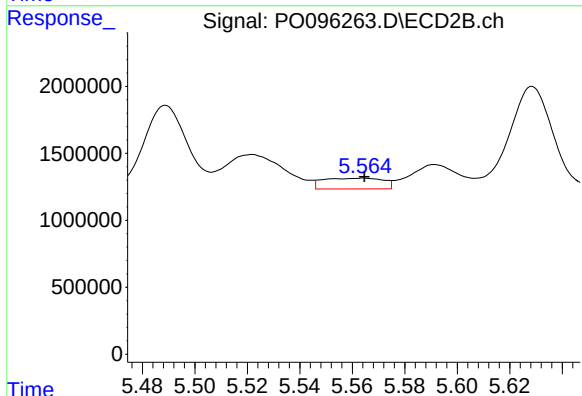
R.T.: 5.173 min
Delta R.T.: 0.003 min
Response: 589842
Conc: 12.39 ng/ml



#25 AR-1248-5

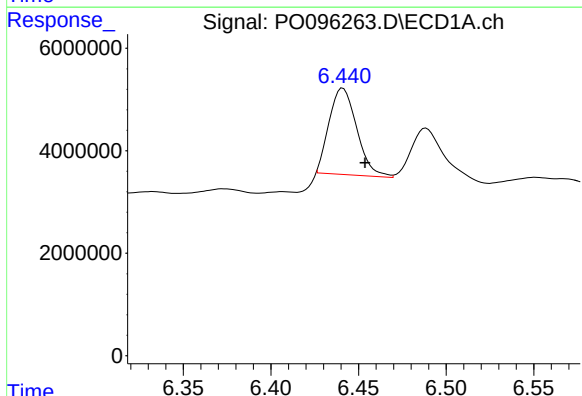
R.T.: 6.489 min
Delta R.T.: -0.031 min
Response: 13140101
Conc: 145.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



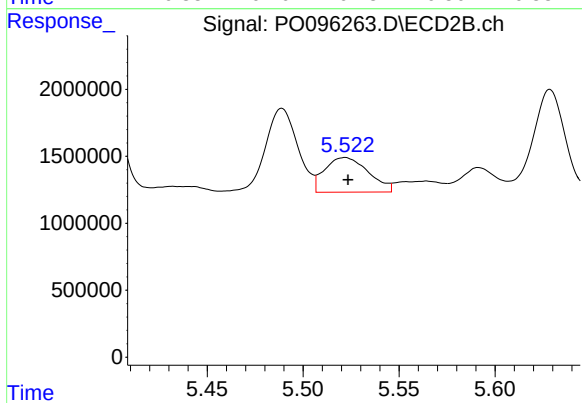
#25 AR-1248-5

R.T.: 5.564 min
Delta R.T.: 0.000 min
Response: 1278357
Conc: 29.15 ng/ml



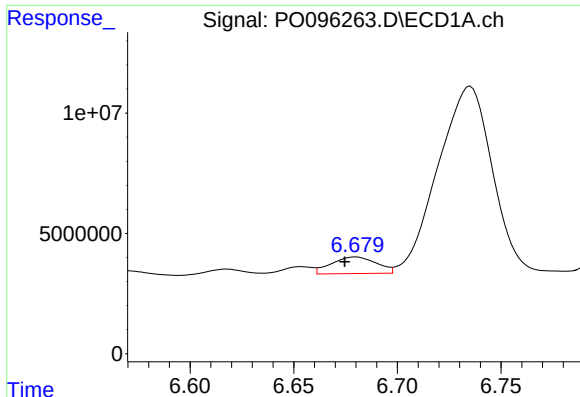
#26 AR-1254-1

R.T.: 6.441 min
Delta R.T.: -0.013 min
Response: 18527046
Conc: 185.41 ng/ml



#26 AR-1254-1

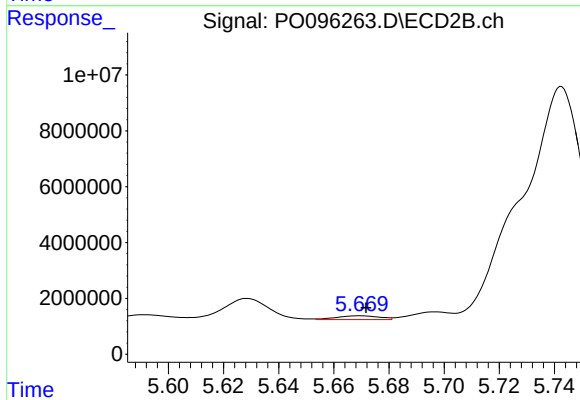
R.T.: 5.522 min
Delta R.T.: -0.002 min
Response: 4110169
Conc: 59.72 ng/ml



#27 AR-1254-2

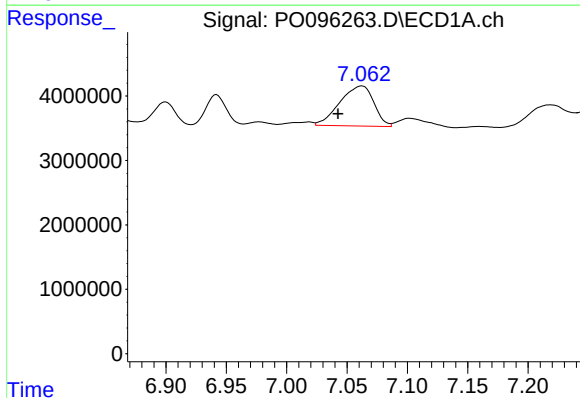
R.T.: 6.680 min
Delta R.T.: 0.005 min
Response: 10388412
Conc: 71.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



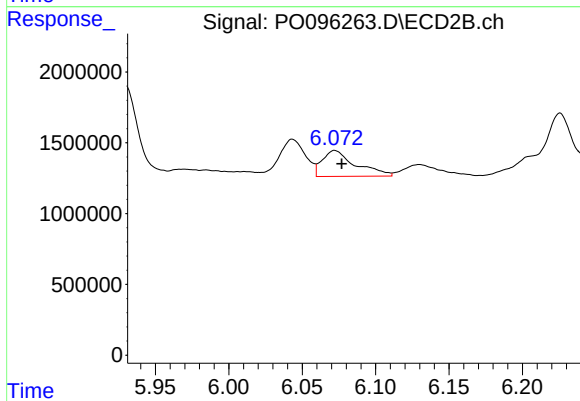
#27 AR-1254-2

R.T.: 5.670 min
Delta R.T.: -0.002 min
Response: 1477476
Conc: 24.33 ng/ml



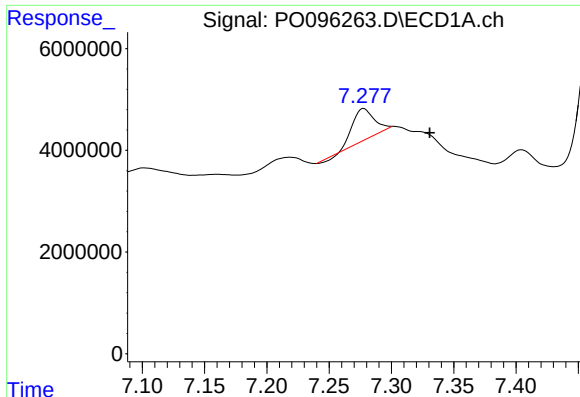
#28 AR-1254-3

R.T.: 7.062 min
Delta R.T.: 0.020 min
Response: 12192903
Conc: 84.68 ng/ml



#28 AR-1254-3

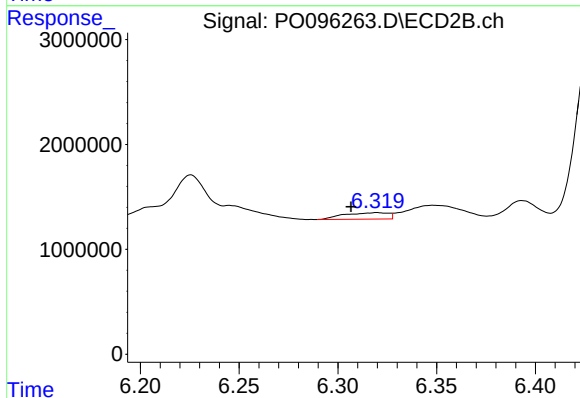
R.T.: 6.072 min
Delta R.T.: -0.005 min
Response: 2889171
Conc: 30.99 ng/ml



#29 AR-1254-4

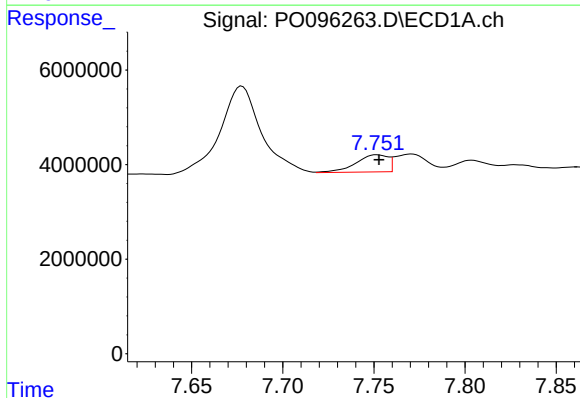
R.T.: 7.278 min
Delta R.T.: -0.053 min
Response: 7402011
Conc: 79.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



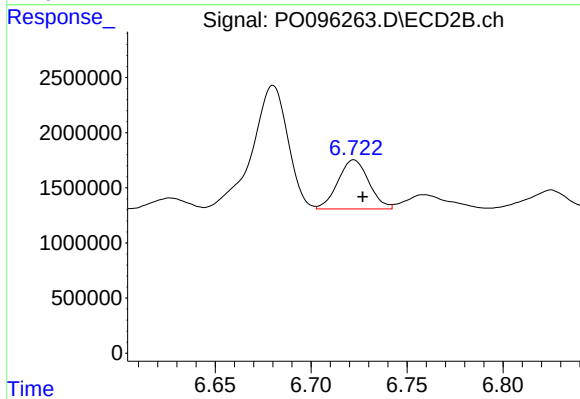
#29 AR-1254-4

R.T.: 6.320 min
Delta R.T.: 0.013 min
Response: 968106
Conc: 17.33 ng/ml



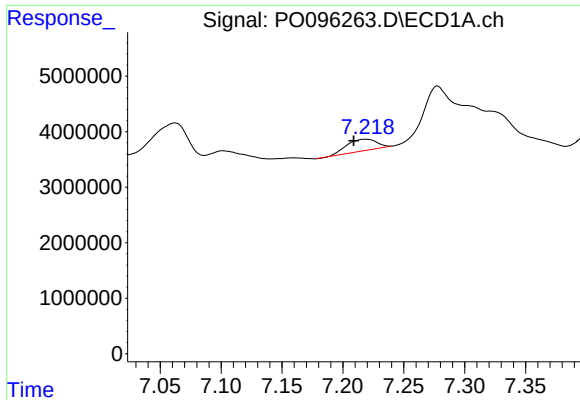
#30 AR-1254-5

R.T.: 7.752 min
Delta R.T.: -0.001 min
Response: 4468631
Conc: 43.47 ng/ml



#30 AR-1254-5

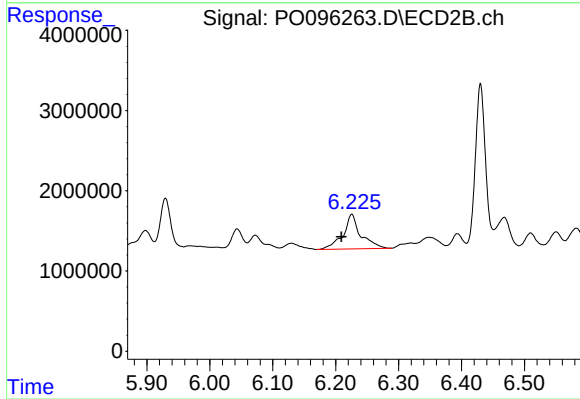
R.T.: 6.722 min
Delta R.T.: -0.005 min
Response: 5003230
Conc: 62.82 ng/ml



#31 AR-1260-1

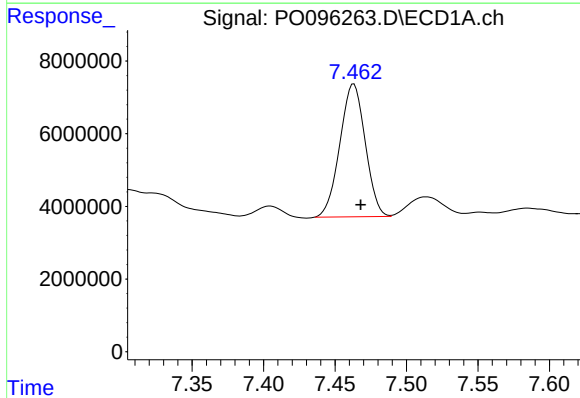
R.T.: 7.219 min
Delta R.T.: 0.010 min
Response: 3512411
Conc: 26.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



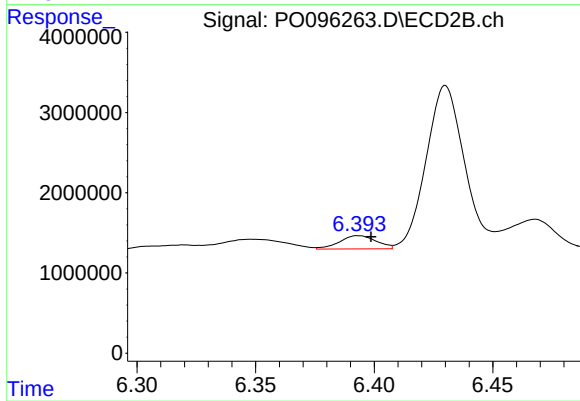
#31 AR-1260-1

R.T.: 6.226 min
Delta R.T.: 0.016 min
Response: 8381596
Conc: 124.57 ng/ml



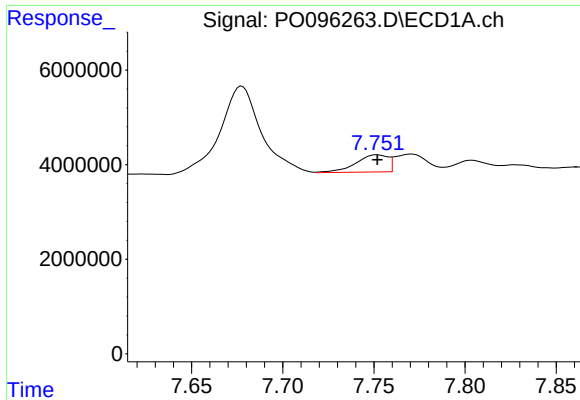
#32 AR-1260-2

R.T.: 7.463 min
Delta R.T.: -0.005 min
Response: 45109438
Conc: 367.16 ng/ml



#32 AR-1260-2

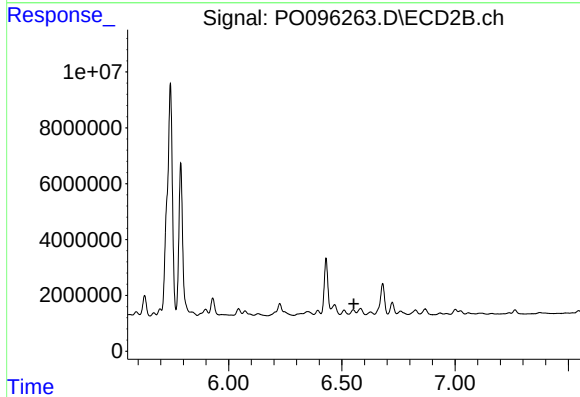
R.T.: 6.393 min
Delta R.T.: -0.005 min
Response: 1793963
Conc: 23.18 ng/ml



#33 AR-1260-3

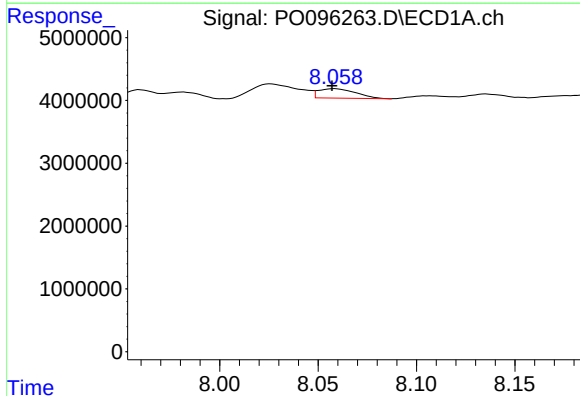
R.T.: 7.752 min
Delta R.T.: 0.000 min
Response: 4468631
Conc: 33.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



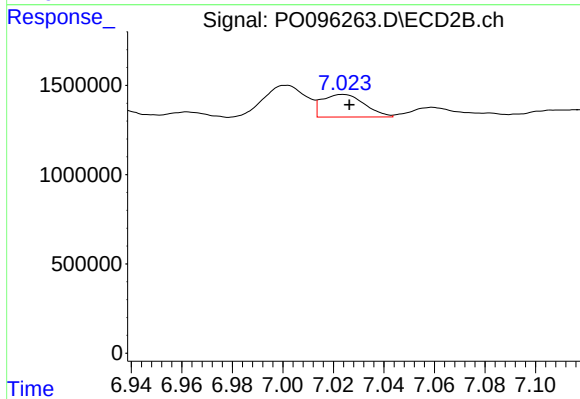
#33 AR-1260-3

R.T.: 6.550 min
Delta R.T.: -0.002 min
Response: -362696
Conc: N.D.



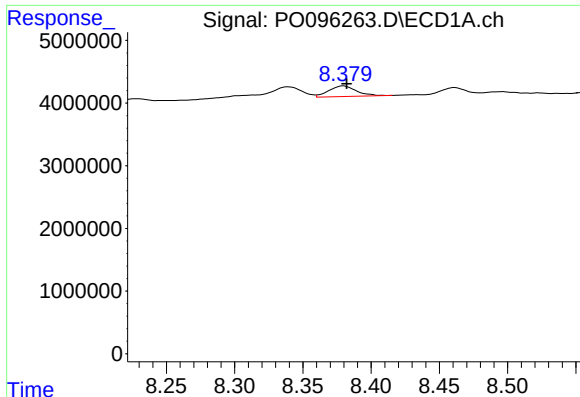
#34 AR-1260-4

R.T.: 8.058 min
Delta R.T.: 0.001 min
Response: 1958459
Conc: 18.51 ng/ml



#34 AR-1260-4

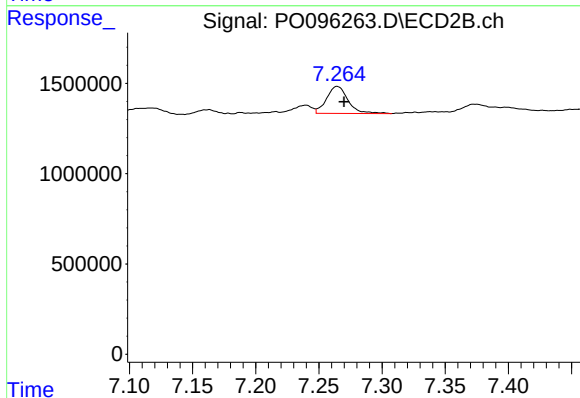
R.T.: 7.024 min
Delta R.T.: -0.003 min
Response: 1473570
Conc: 24.58 ng/ml



#35 AR-1260-5

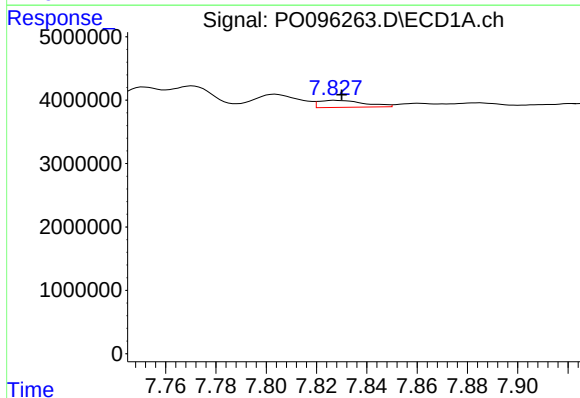
R.T.: 8.380 min
Delta R.T.: -0.002 min
Response: 2380957
Conc: 12.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



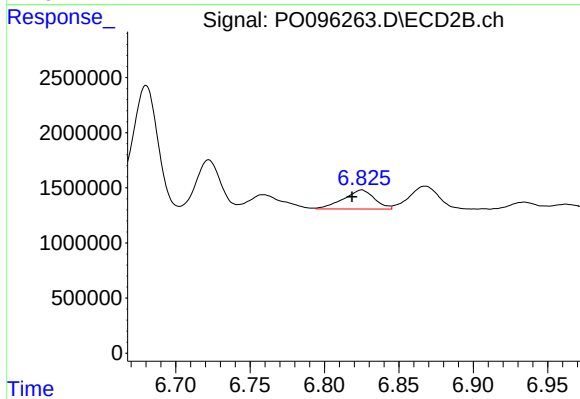
#35 AR-1260-5

R.T.: 7.265 min
Delta R.T.: -0.005 min
Response: 1770298
Conc: 13.54 ng/ml



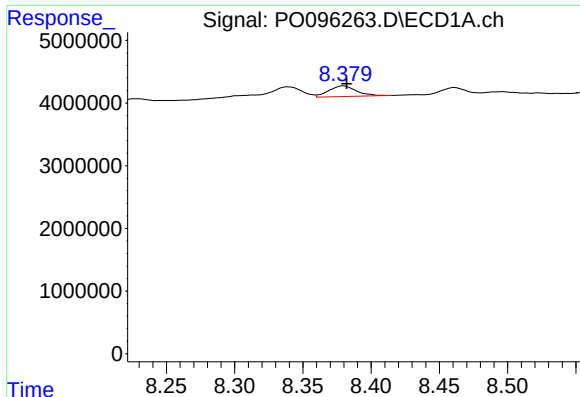
#36 AR-1262-1

R.T.: 7.827 min
Delta R.T.: -0.003 min
Response: 1414939
Conc: 9.96 ng/ml



#36 AR-1262-1

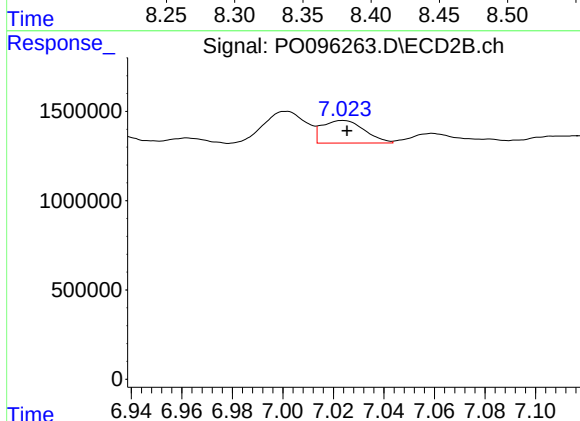
R.T.: 6.825 min
Delta R.T.: 0.006 min
Response: 2516137
Conc: 70.05 ng/ml



#37 AR-1262-2

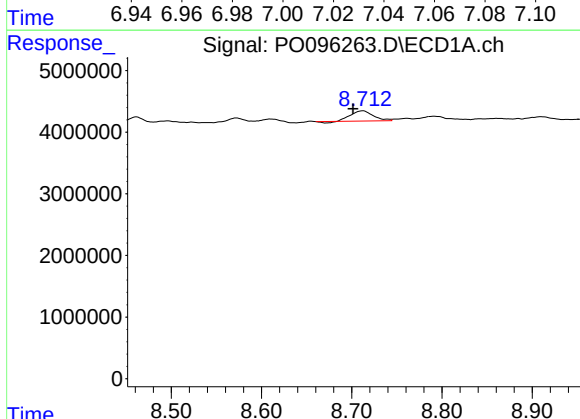
R.T.: 8.380 min
Delta R.T.: -0.003 min
Response: 2380957
Conc: 11.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



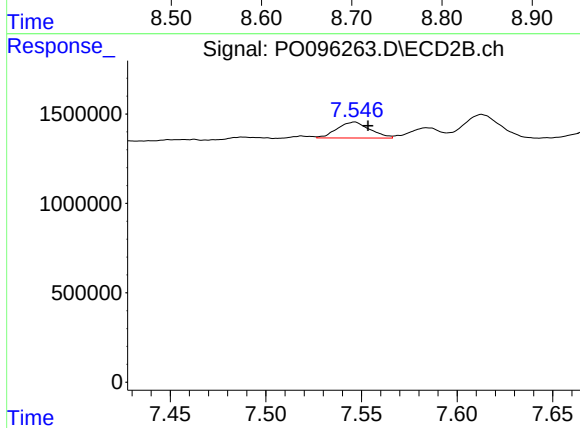
#37 AR-1262-2

R.T.: 7.024 min
Delta R.T.: -0.002 min
Response: 1473570
Conc: 19.43 ng/ml



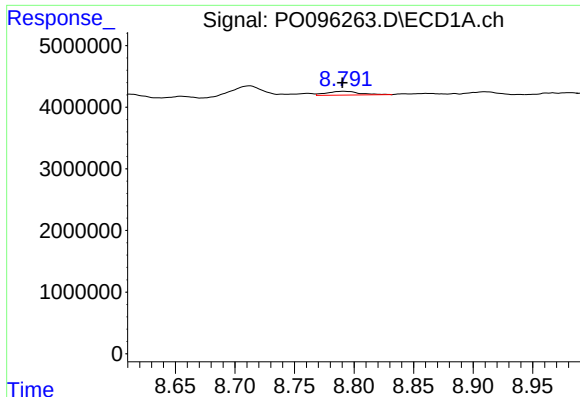
#38 AR-1262-3

R.T.: 8.712 min
Delta R.T.: 0.011 min
Response: 2778525
Conc: 17.76 ng/ml



#38 AR-1262-3

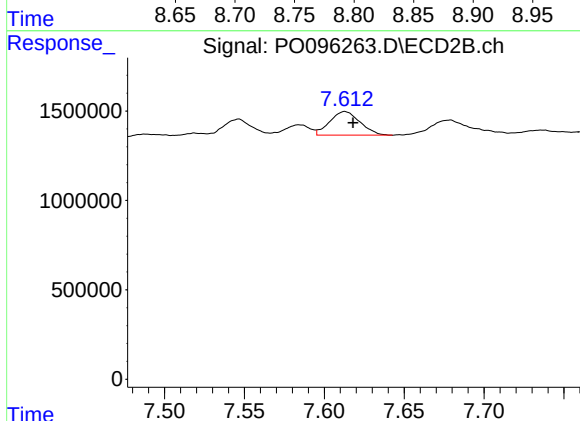
R.T.: 7.546 min
Delta R.T.: -0.007 min
Response: 1067380
Conc: 18.32 ng/ml



#39 AR-1262-4

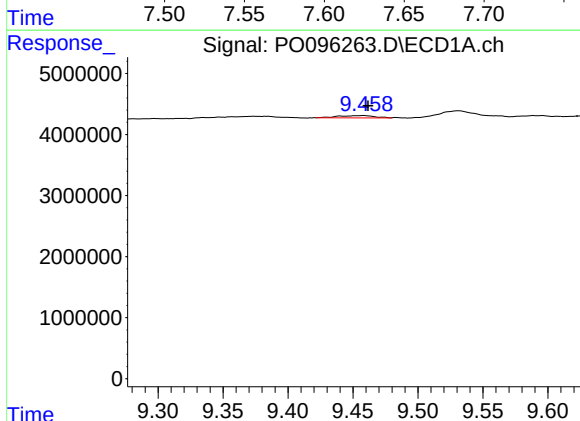
R.T.: 8.792 min
Delta R.T.: 0.001 min
Response: 1200285
Conc: 9.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



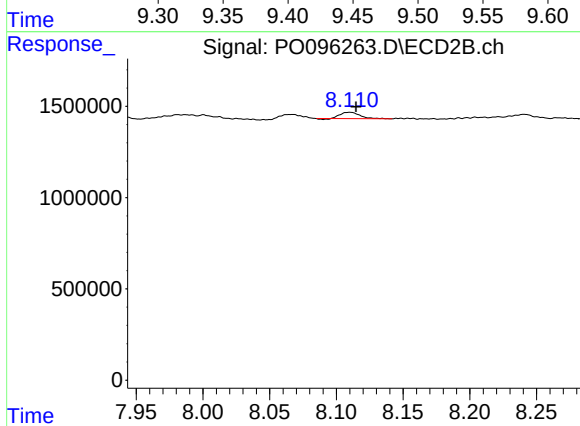
#39 AR-1262-4

R.T.: 7.613 min
Delta R.T.: -0.005 min
Response: 1744134
Conc: 16.68 ng/ml



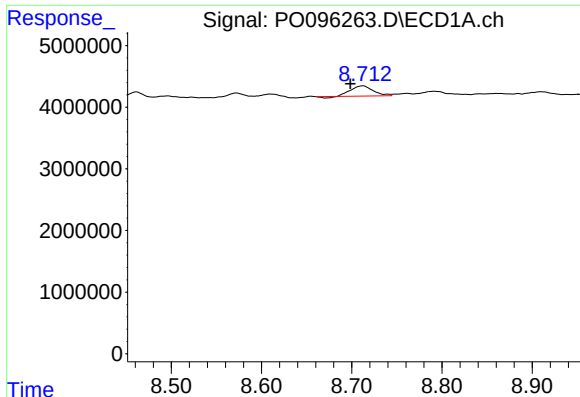
#40 AR-1262-5

R.T.: 9.458 min
Delta R.T.: -0.003 min
Response: 719129
Conc: 9.11 ng/ml



#40 AR-1262-5

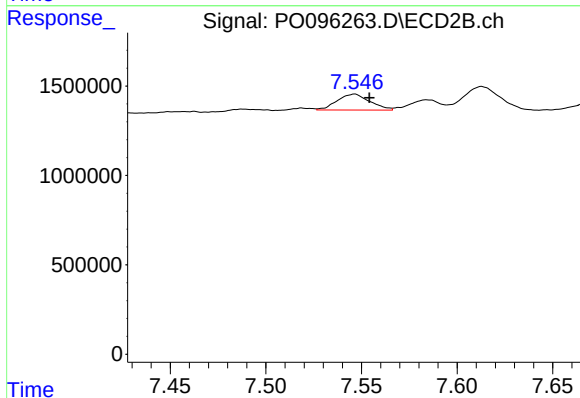
R.T.: 8.110 min
Delta R.T.: -0.005 min
Response: 351032
Conc: 7.13 ng/ml



#41 AR-1268-1

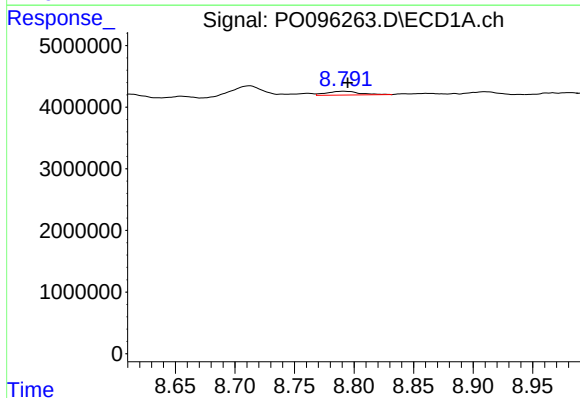
R.T.: 8.712 min
Delta R.T.: 0.014 min
Response: 2778525
Conc: 9.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



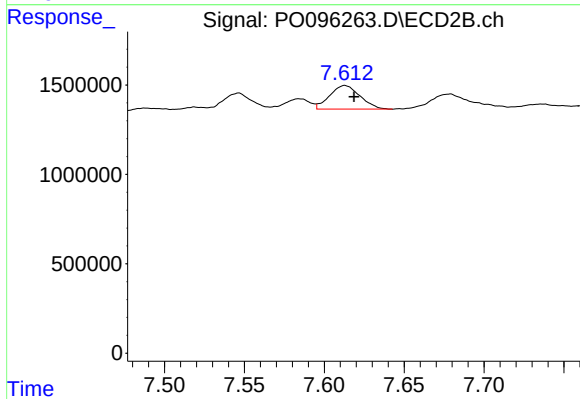
#41 AR-1268-1

R.T.: 7.546 min
Delta R.T.: -0.008 min
Response: 1067380
Conc: 6.19 ng/ml



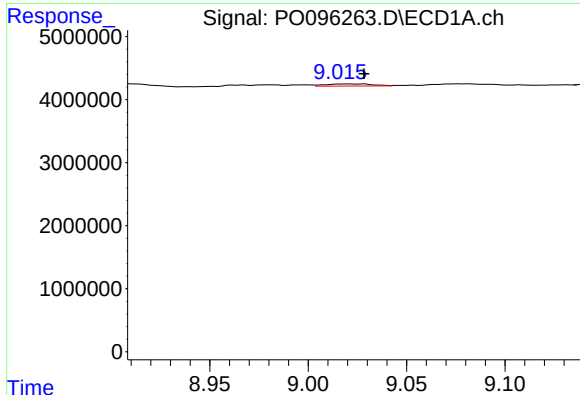
#42 AR-1268-2

R.T.: 8.792 min
Delta R.T.: -0.003 min
Response: 1200285
Conc: 4.48 ng/ml



#42 AR-1268-2

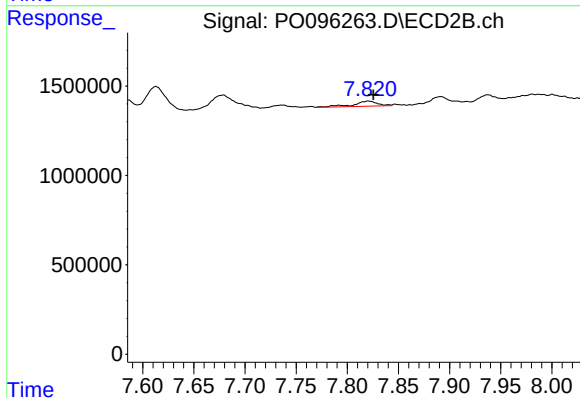
R.T.: 7.613 min
Delta R.T.: -0.006 min
Response: 1744134
Conc: 11.25 ng/ml



#43 AR-1268-3

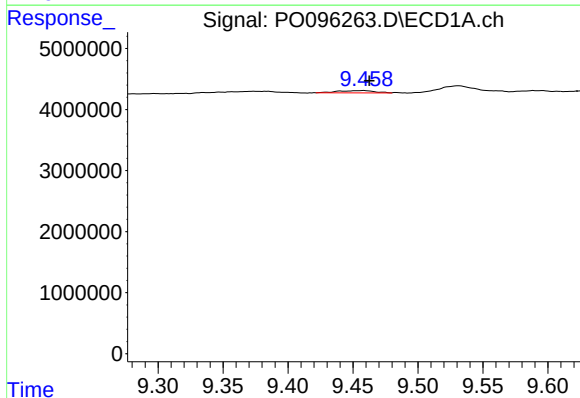
R.T.: 9.021 min
Delta R.T.: -0.007 min
Response: 565838
Conc: 2.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



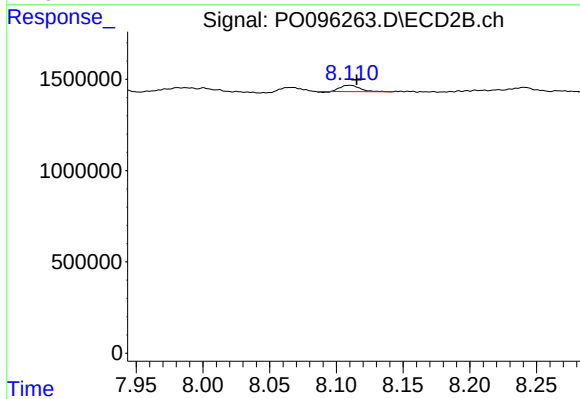
#43 AR-1268-3

R.T.: 7.821 min
Delta R.T.: -0.005 min
Response: 468393
Conc: 3.41 ng/ml



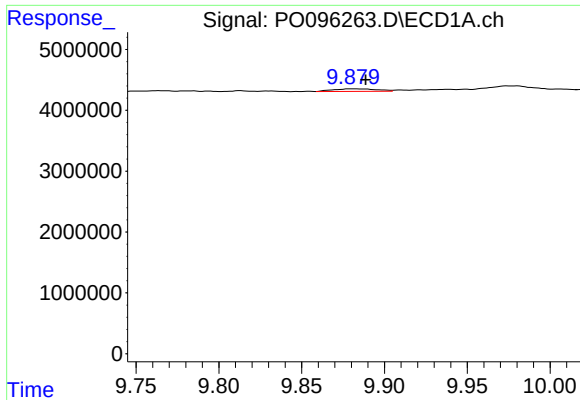
#44 AR-1268-4

R.T.: 9.458 min
Delta R.T.: -0.004 min
Response: 719129
Conc: 8.21 ng/ml



#44 AR-1268-4

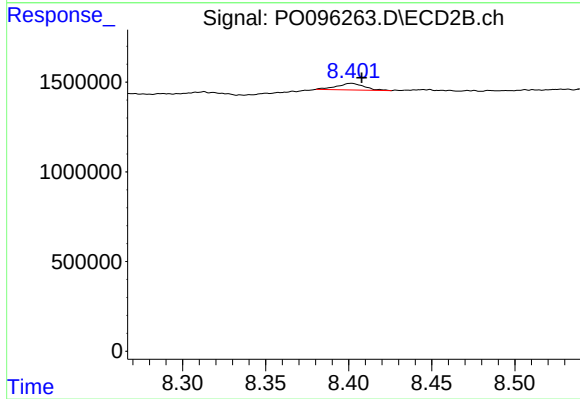
R.T.: 8.110 min
Delta R.T.: -0.005 min
Response: 351032
Conc: 6.32 ng/ml



#45 AR-1268-5

R.T.: 9.880 min
Delta R.T.: -0.009 min
Response: 795801
Conc: 1.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.401 min
Delta R.T.: -0.006 min
Response: 431518
Conc: 1.11 ng/ml