

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0110323\
 Data File : P0099359.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Nov 2023 20:24
 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: Nov 03 23:09:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0102523.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 25 06:04:36 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...	4.466	3.638	88389597	35370900	44.733	49.148
2) SA Decachlor...	10.258	8.628	44810250	25218488	39.555	47.003
Target Compounds						
3) L1 AR-1016-1	5.639	4.718	763551	348087	13.866	15.544
4) L1 AR-1016-2	5.664	4.735	998357	208996	12.074	6.686 #
5) L1 AR-1016-3	5.726	4.916	306801	118288	5.961	6.986
6) L1 AR-1016-4	5.821	4.953	310992	7173395	7.652	496.163 #
7) L1 AR-1016-5	6.118	5.166	7686768	5949557	181.107	318.467 #
8) L2 AR-1221-1	4.672	3.848	126617	49679	5.100	5.348
9) L2 AR-1221-2	4.774	3.937	1828264	518338	98.829	79.944
10) L2 AR-1221-3	4.838	4.011	241296	97321	4.454	4.811
11) L3 AR-1232-1	4.838	4.011	241296	97321	5.274	5.677
12) L3 AR-1232-2	5.370	4.735	337936	208996	14.311	13.642
13) L3 AR-1232-3	5.664	4.916	998357	118288	25.280	14.783 #
14) L3 AR-1232-4	5.821	4.994	310992	2100807	16.300	273.053 #
15) L3 AR-1232-5	5.913	5.166	16945061	5949557	1017.222	699.489 #
16) L4 AR-1242-1	5.639	4.718	763551	348087	17.637	19.812
17) L4 AR-1242-2	5.664	4.735	998357	208996	15.588	8.624 #
18) L4 AR-1242-3	5.726	4.916	306801	118288	7.627	9.226
19) L4 AR-1242-4	5.821	4.994	310992	2100807	9.938	149.240 #
20) L4 AR-1242-5	6.565	5.517	10921818	18441291	354.046	1103.530 #
21) L5 AR-1248-1	5.639	4.718	763551	348087	22.475	25.115
22) L5 AR-1248-2	5.913	4.953	16945061	7173395	323.791	361.133
23) L5 AR-1248-3	6.118	4.994	7686768	2100807	134.908	100.741 #
24) L5 AR-1248-4	6.522	5.166	13592980	5949557	249.268	242.014
25) L5 AR-1248-5	6.565	5.558	10921818	2600430	192.265	119.734 #
26) L6 AR-1254-1	6.496	5.517	29371921	18441291	446.199	520.450
27) L6 AR-1254-2	6.715	5.665	43222168	16470446	448.975	514.952
28) L6 AR-1254-3	7.082	6.068	41660220	24023391	466.086	491.402
29) L6 AR-1254-4	7.369	6.296	26566897	14066956	484.943	536.767
30) L6 AR-1254-5	7.789	6.713	32266418	21391569	479.194	507.453
31) L7 AR-1260-1	7.247	6.197	17570610	12534206	245.191	355.324 #
32) L7 AR-1260-2	7.504	6.386	18542411	9975498	235.021	248.849
33) L7 AR-1260-3	7.848	6.537	4284546	10062661	78.453	266.117 #
34) L7 AR-1260-4	8.078	7.010	12847177	1050119	205.041	36.341 #
35) L7 AR-1260-5	8.414	7.252	4576368	2537771	42.764	42.170
36) L8 AR-1262-1	7.848	6.713	4284546	21391569	47.337	455.906 #
37) L8 AR-1262-2	8.414	7.010	4576368	1050119	34.329	25.294 #
38) L8 AR-1262-3	8.747	7.541	3661830	164420	37.238	5.147 #
39) L8 AR-1262-4	8.838	7.596	63621	2516965	0.794	45.780 #
40) L8 AR-1262-5	9.501	8.093	32594	164745	0.742	6.560 #
41) L9 AR-1268-1	8.747	7.541	3661830	164420	21.259	1.843 #

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 ALS Vial : 6 Sample Multiplier: 1

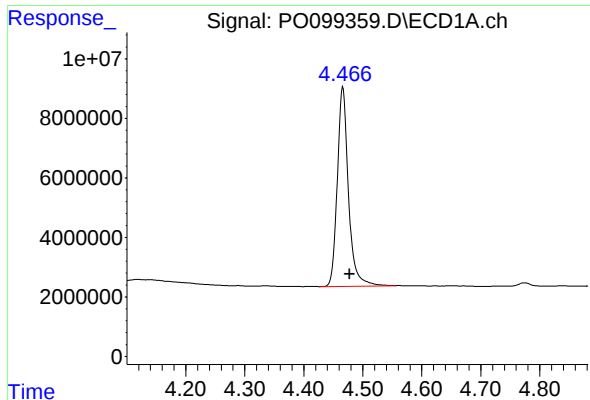
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 03 23:09:00 2023
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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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.838	7.596	63621	2516965	0.406	31.878 #
43) L9	AR-1268-3	9.076	7.804	53426	124163	0.381	1.764 #
44) L9	AR-1268-4	9.501	8.093	32594	164745	0.650	5.978 #
45) L9	AR-1268-5	9.912	8.379	333084	154842	0.814	0.812

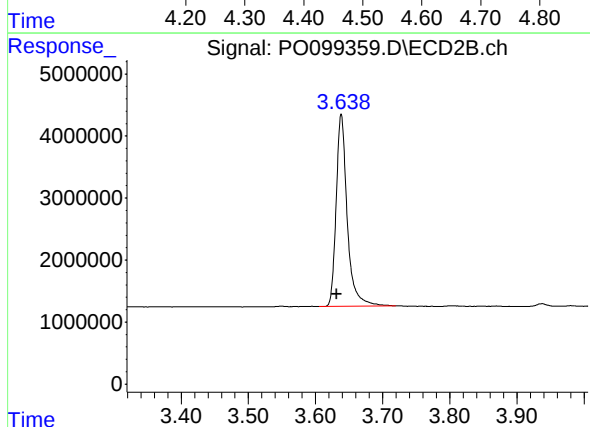
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

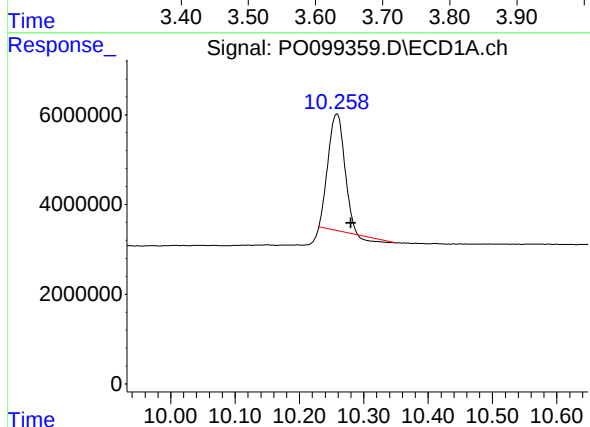
R.T.: 4.466 min
Delta R.T.: -0.012 min
Response: 88389597
Conc: 44.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



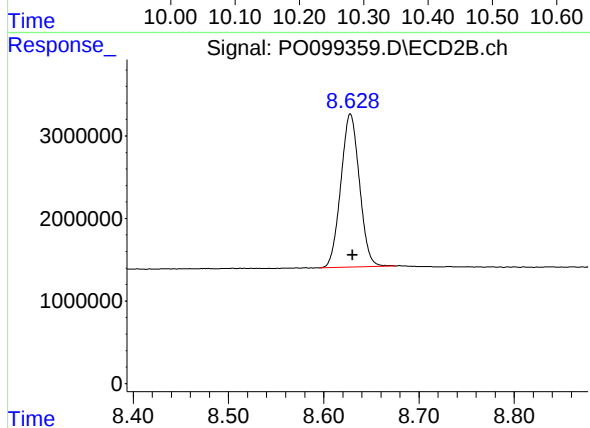
#1 Tetrachloro-m-xylene

R.T.: 3.638 min
Delta R.T.: 0.007 min
Response: 35370900
Conc: 49.15 ng/ml



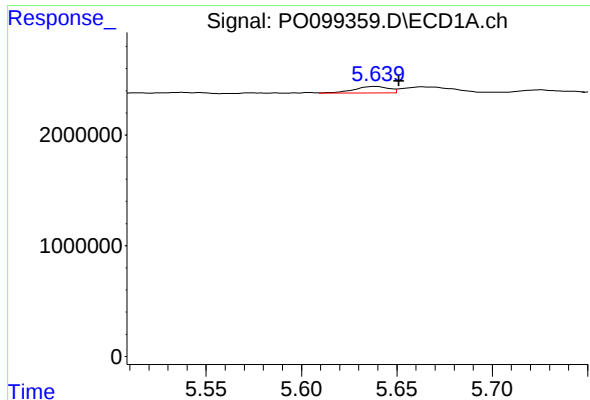
#2 Decachlorobiphenyl

R.T.: 10.258 min
Delta R.T.: -0.022 min
Response: 44810250
Conc: 39.55 ng/ml



#2 Decachlorobiphenyl

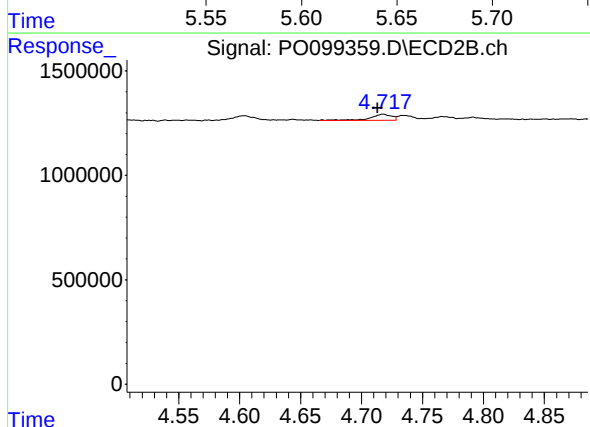
R.T.: 8.628 min
Delta R.T.: -0.002 min
Response: 25218488
Conc: 47.00 ng/ml



#3 AR-1016-1

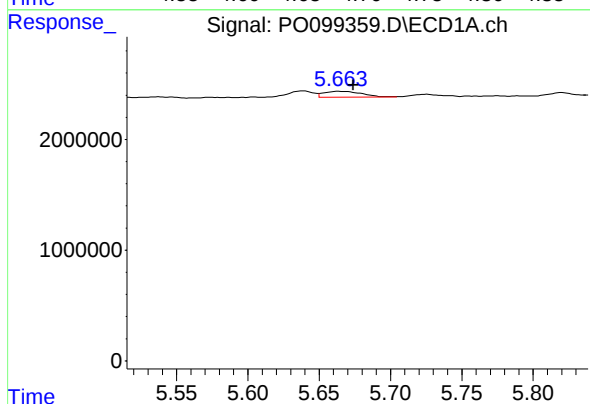
R.T.: 5.639 min
Delta R.T.: -0.012 min
Response: 763551
Conc: 13.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



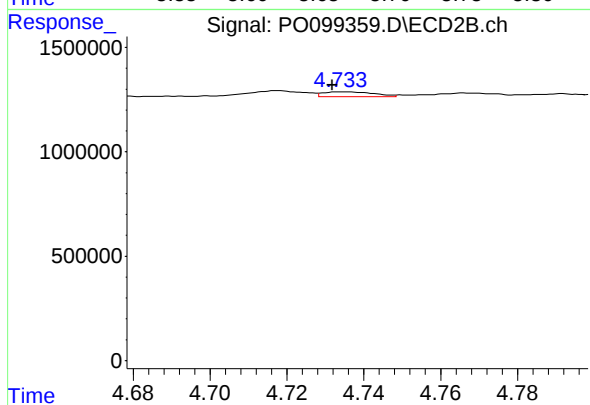
#3 AR-1016-1

R.T.: 4.718 min
Delta R.T.: 0.005 min
Response: 348087
Conc: 15.54 ng/ml



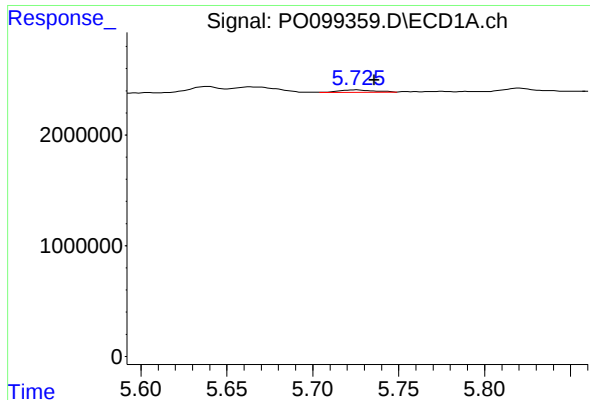
#4 AR-1016-2

R.T.: 5.664 min
Delta R.T.: -0.010 min
Response: 998357
Conc: 12.07 ng/ml



#4 AR-1016-2

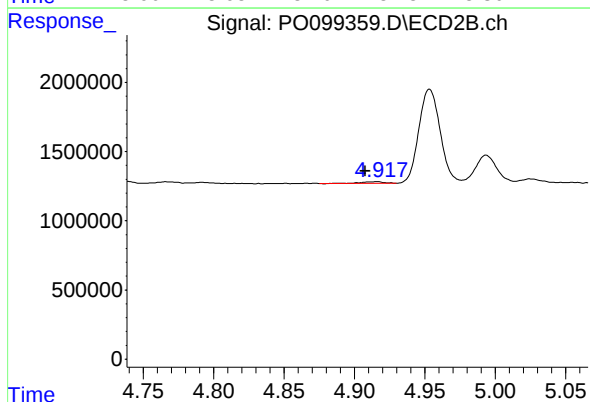
R.T.: 4.735 min
Delta R.T.: 0.003 min
Response: 208996
Conc: 6.69 ng/ml



#5 AR-1016-3

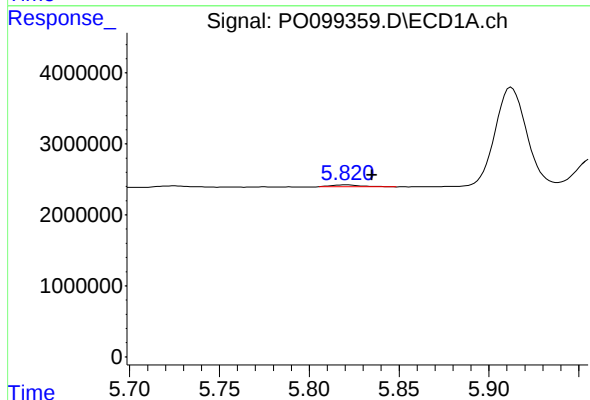
R.T.: 5.726 min
Delta R.T.: -0.010 min
Response: 306801
Conc: 5.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



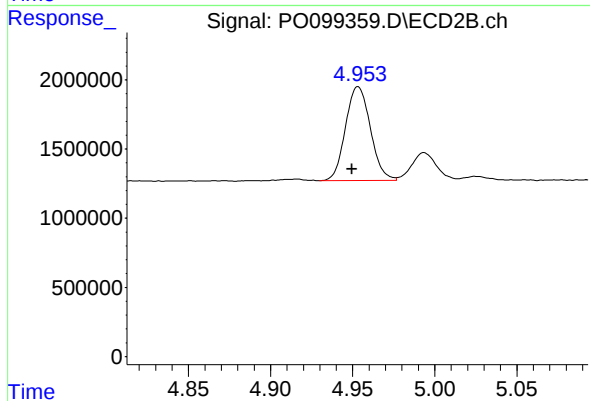
#5 AR-1016-3

R.T.: 4.916 min
Delta R.T.: 0.008 min
Response: 118288
Conc: 6.99 ng/ml



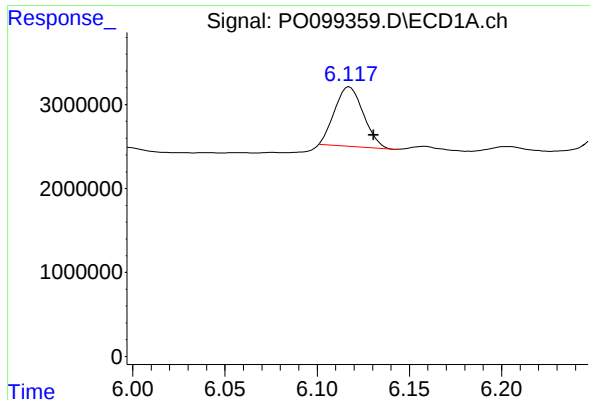
#6 AR-1016-4

R.T.: 5.821 min
Delta R.T.: -0.014 min
Response: 310992
Conc: 7.65 ng/ml



#6 AR-1016-4

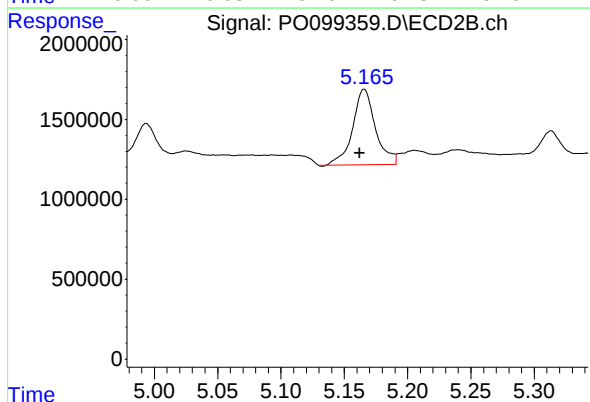
R.T.: 4.953 min
Delta R.T.: 0.004 min
Response: 7173395
Conc: 496.16 ng/ml



#7 AR-1016-5

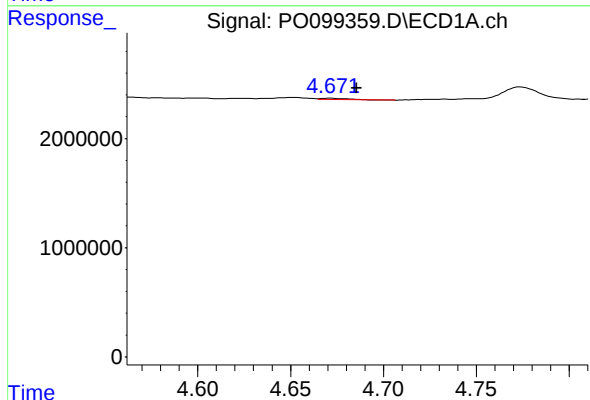
R.T.: 6.118 min
Delta R.T.: -0.013 min
Response: 7686768
Conc: 181.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



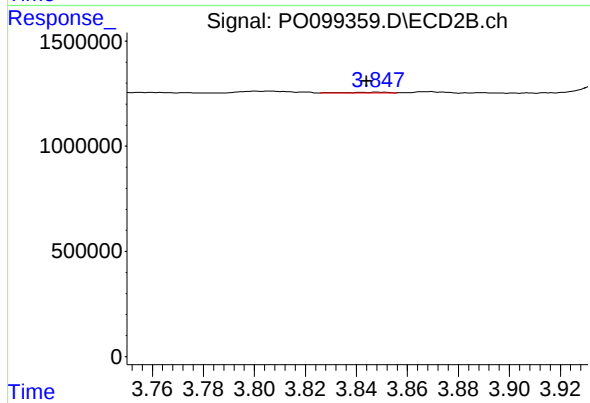
#7 AR-1016-5

R.T.: 5.166 min
Delta R.T.: 0.003 min
Response: 5949557
Conc: 318.47 ng/ml



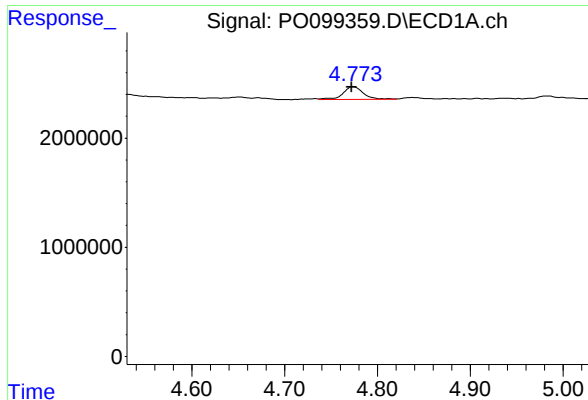
#8 AR-1221-1

R.T.: 4.672 min
Delta R.T.: -0.014 min
Response: 126617
Conc: 5.10 ng/ml



#8 AR-1221-1

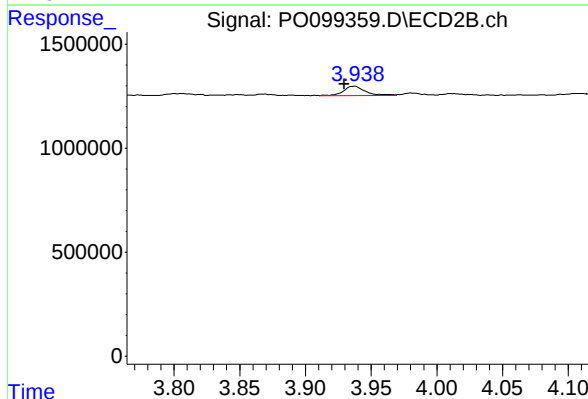
R.T.: 3.848 min
Delta R.T.: 0.004 min
Response: 49679
Conc: 5.35 ng/ml



#9 AR-1221-2

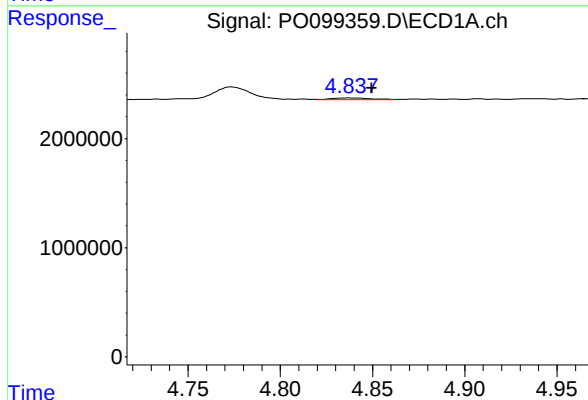
R.T.: 4.774 min
Delta R.T.: 0.002 min
Response: 1828264
Conc: 98.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



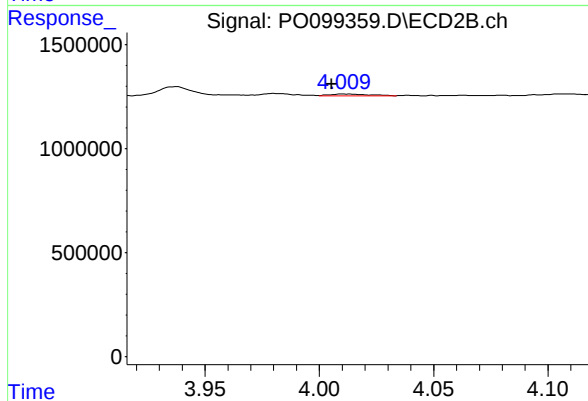
#9 AR-1221-2

R.T.: 3.937 min
Delta R.T.: 0.008 min
Response: 518338
Conc: 79.94 ng/ml



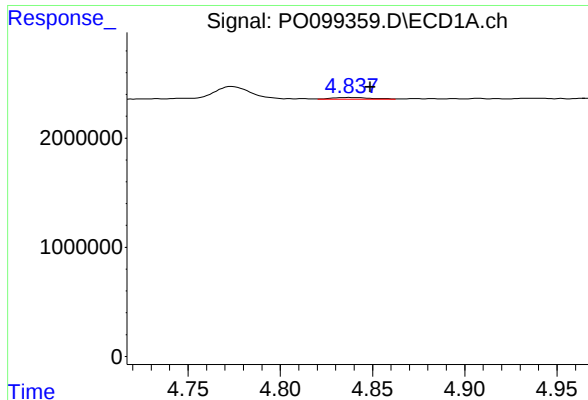
#10 AR-1221-3

R.T.: 4.838 min
Delta R.T.: -0.011 min
Response: 241296
Conc: 4.45 ng/ml



#10 AR-1221-3

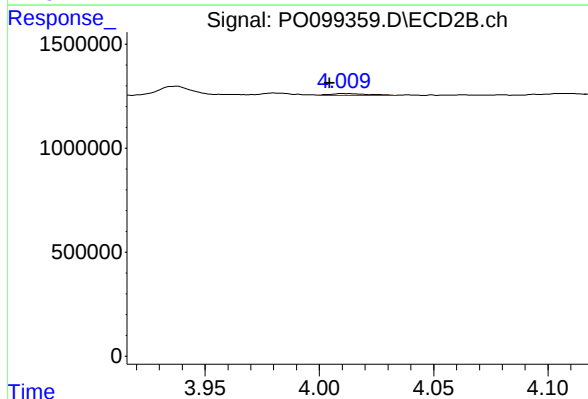
R.T.: 4.011 min
Delta R.T.: 0.005 min
Response: 97321
Conc: 4.81 ng/ml



#11 AR-1232-1

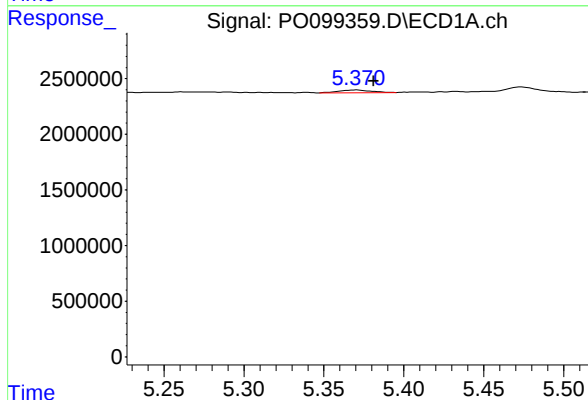
R.T.: 4.838 min
Delta R.T.: -0.011 min
Response: 241296
Conc: 5.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



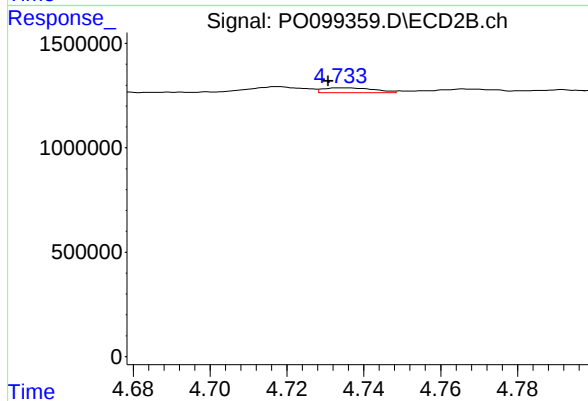
#11 AR-1232-1

R.T.: 4.011 min
Delta R.T.: 0.006 min
Response: 97321
Conc: 5.68 ng/ml



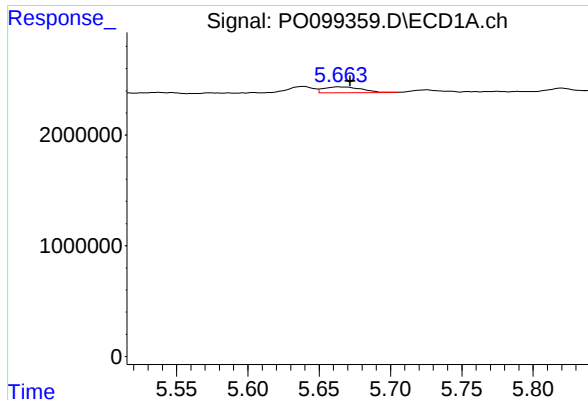
#12 AR-1232-2

R.T.: 5.370 min
Delta R.T.: -0.011 min
Response: 337936
Conc: 14.31 ng/ml



#12 AR-1232-2

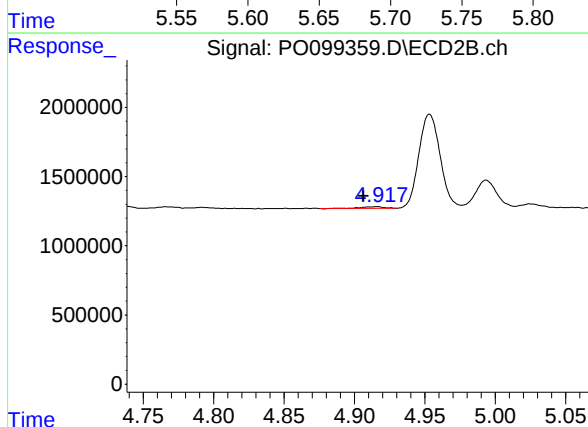
R.T.: 4.735 min
Delta R.T.: 0.004 min
Response: 208996
Conc: 13.64 ng/ml



#13 AR-1232-3

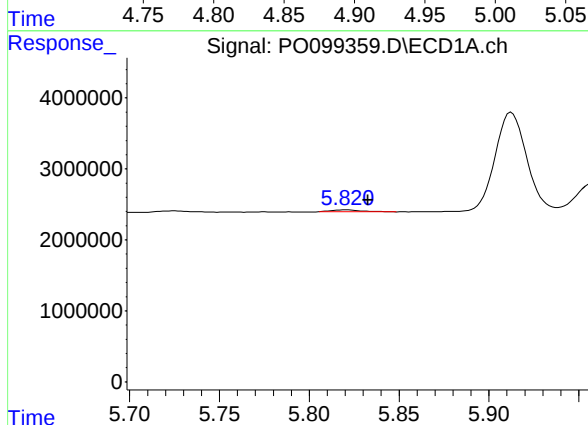
R.T.: 5.664 min
Delta R.T.: -0.008 min
Response: 998357
Conc: 25.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



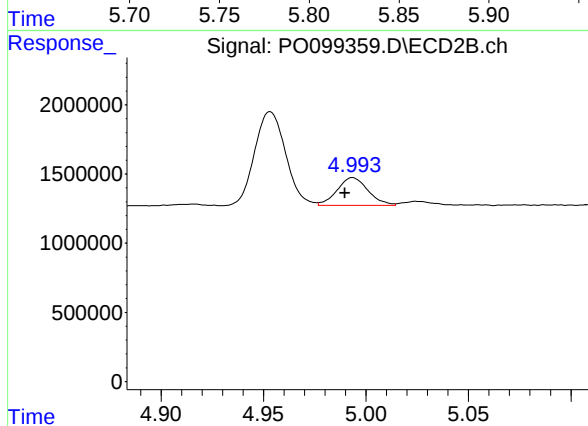
#13 AR-1232-3

R.T.: 4.916 min
Delta R.T.: 0.010 min
Response: 118288
Conc: 14.78 ng/ml



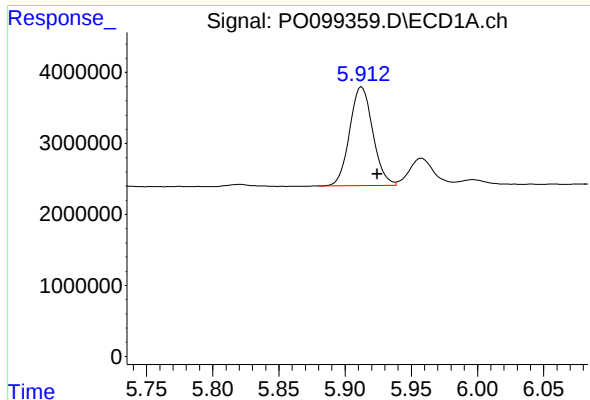
#14 AR-1232-4

R.T.: 5.821 min
Delta R.T.: -0.012 min
Response: 310992
Conc: 16.30 ng/ml



#14 AR-1232-4

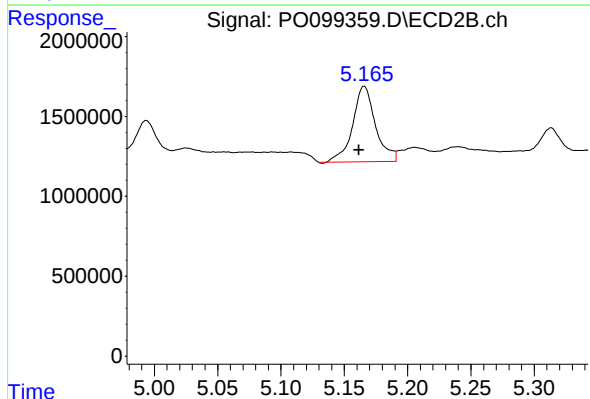
R.T.: 4.994 min
Delta R.T.: 0.004 min
Response: 2100807
Conc: 273.05 ng/ml



#15 AR-1232-5

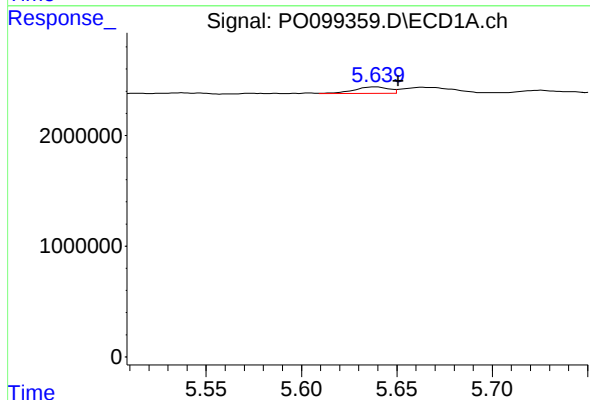
R.T.: 5.913 min
Delta R.T.: -0.012 min
Response: 16945061
Conc: 1017.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



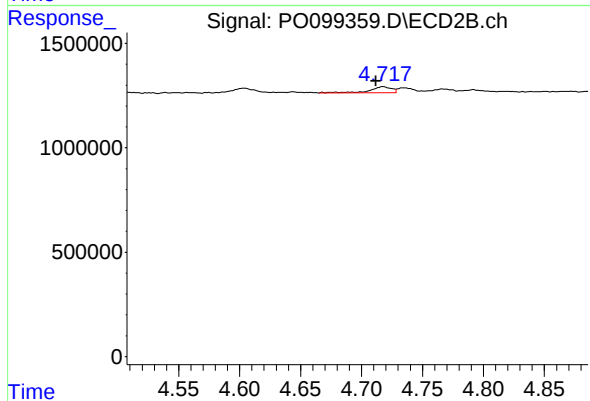
#15 AR-1232-5

R.T.: 5.166 min
Delta R.T.: 0.004 min
Response: 5949557
Conc: 699.49 ng/ml



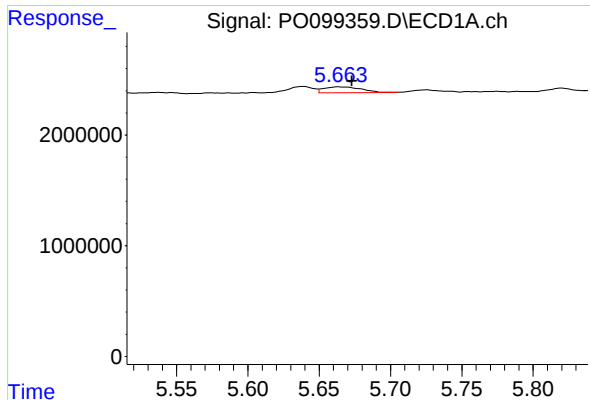
#16 AR-1242-1

R.T.: 5.639 min
Delta R.T.: -0.012 min
Response: 763551
Conc: 17.64 ng/ml



#16 AR-1242-1

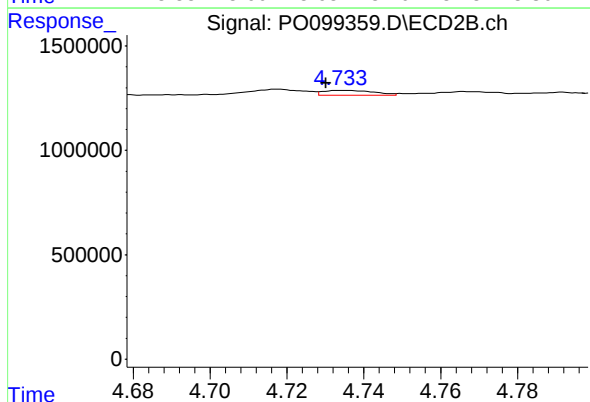
R.T.: 4.718 min
Delta R.T.: 0.006 min
Response: 348087
Conc: 19.81 ng/ml



#17 AR-1242-2

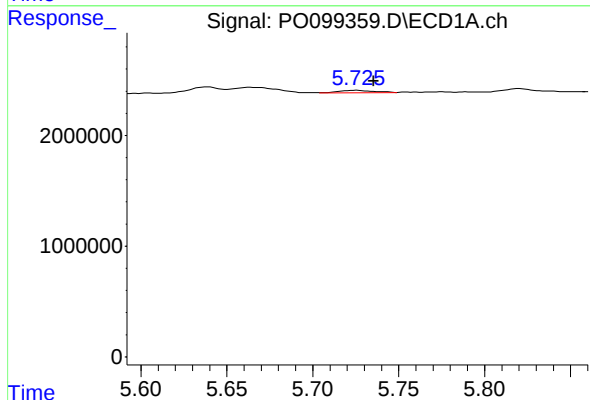
R.T.: 5.664 min
Delta R.T.: -0.009 min
Response: 998357
Conc: 15.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



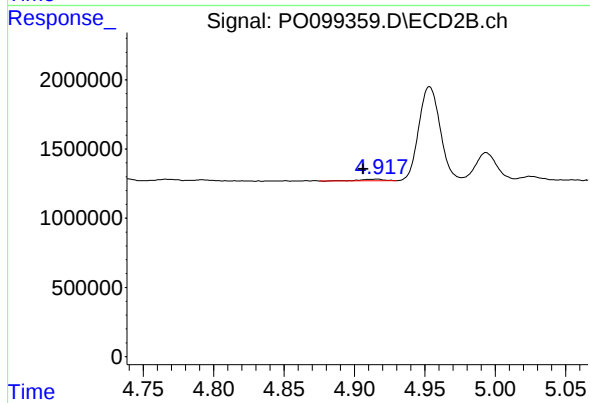
#17 AR-1242-2

R.T.: 4.735 min
Delta R.T.: 0.004 min
Response: 208996
Conc: 8.62 ng/ml



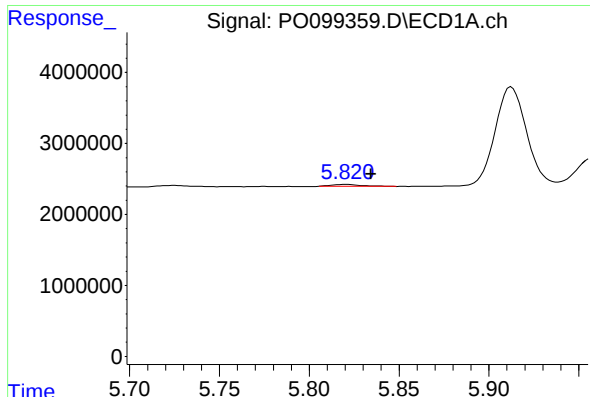
#18 AR-1242-3

R.T.: 5.726 min
Delta R.T.: -0.010 min
Response: 306801
Conc: 7.63 ng/ml



#18 AR-1242-3

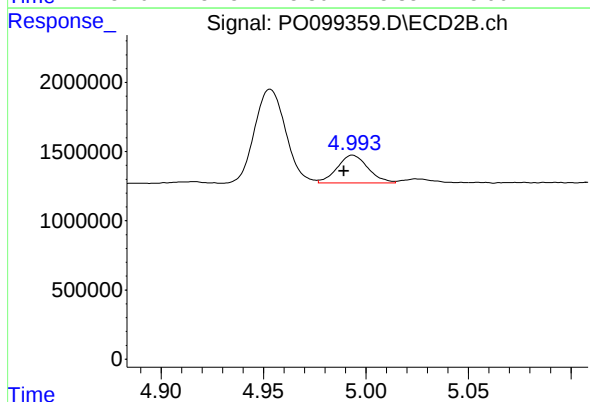
R.T.: 4.916 min
Delta R.T.: 0.010 min
Response: 118288
Conc: 9.23 ng/ml



#19 AR-1242-4

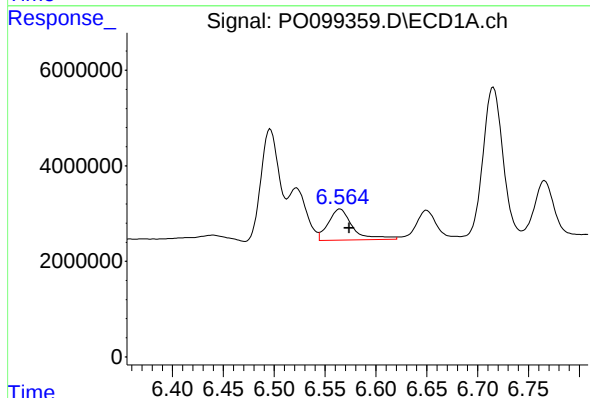
R.T.: 5.821 min
Delta R.T.: -0.014 min
Response: 310992
Conc: 9.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



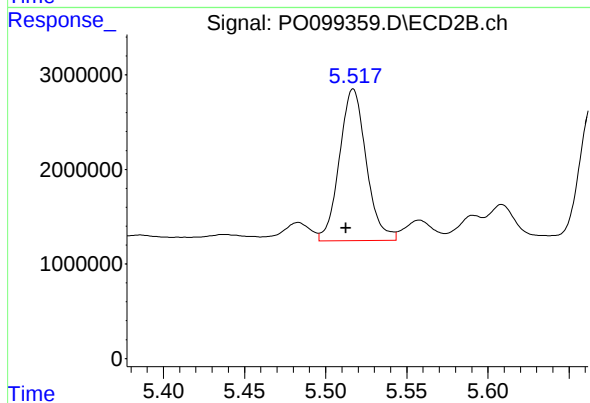
#19 AR-1242-4

R.T.: 4.994 min
Delta R.T.: 0.004 min
Response: 2100807
Conc: 149.24 ng/ml



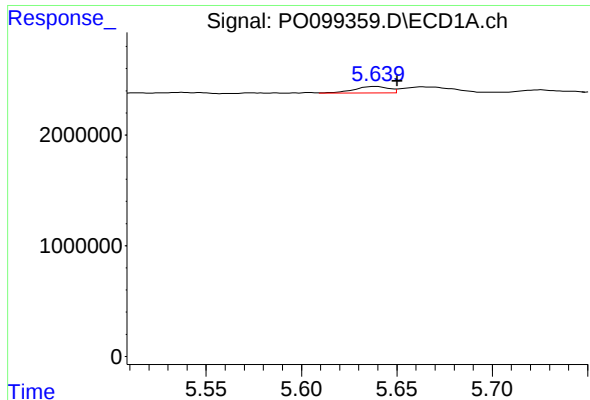
#20 AR-1242-5

R.T.: 6.565 min
Delta R.T.: -0.009 min
Response: 10921818
Conc: 354.05 ng/ml



#20 AR-1242-5

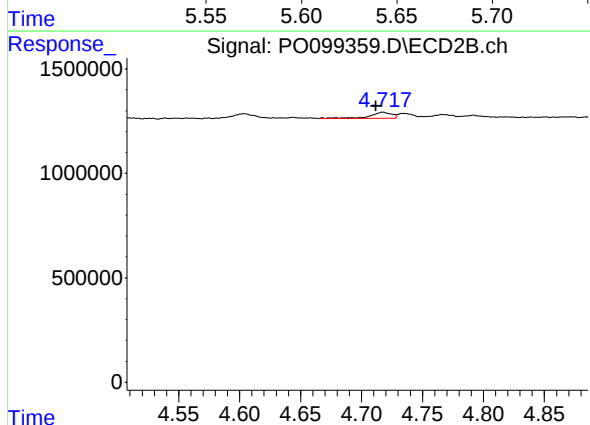
R.T.: 5.517 min
Delta R.T.: 0.005 min
Response: 18441291
Conc: 1103.53 ng/ml



#21 AR-1248-1

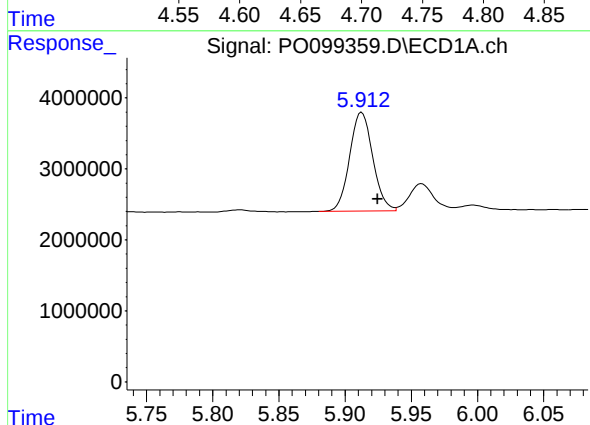
R.T.: 5.639 min
Delta R.T.: -0.011 min
Response: 763551
Conc: 22.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



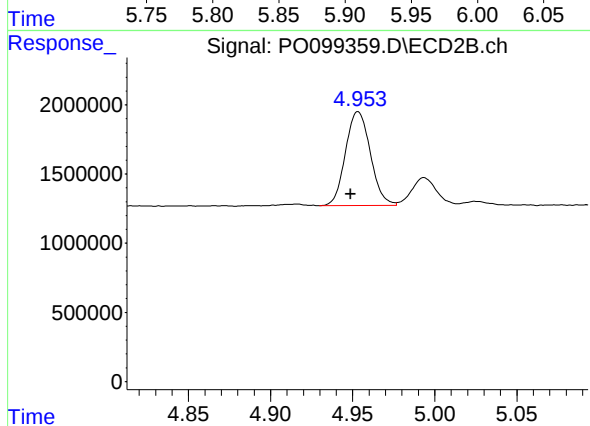
#21 AR-1248-1

R.T.: 4.718 min
Delta R.T.: 0.006 min
Response: 348087
Conc: 25.11 ng/ml



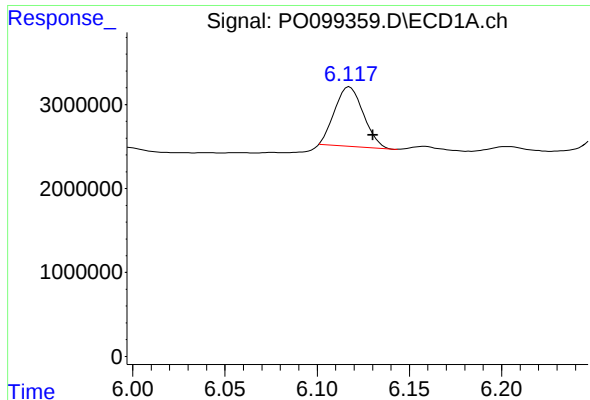
#22 AR-1248-2

R.T.: 5.913 min
Delta R.T.: -0.012 min
Response: 16945061
Conc: 323.79 ng/ml



#22 AR-1248-2

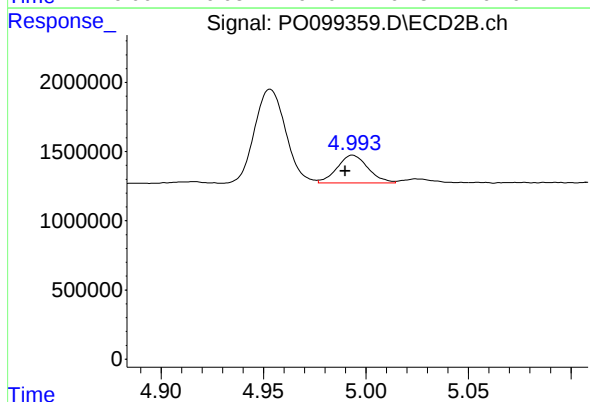
R.T.: 4.953 min
Delta R.T.: 0.005 min
Response: 7173395
Conc: 361.13 ng/ml



#23 AR-1248-3

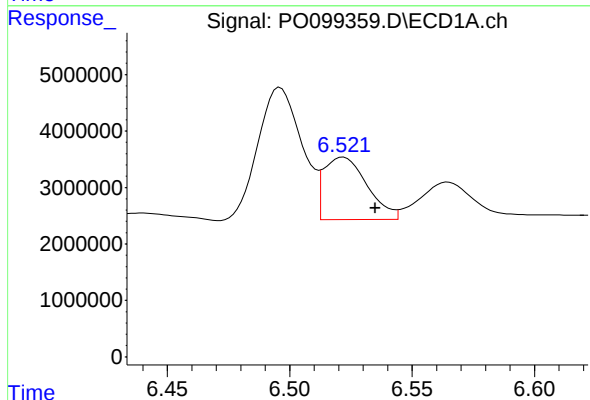
R.T.: 6.118 min
Delta R.T.: -0.013 min
Response: 7686768
Conc: 134.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



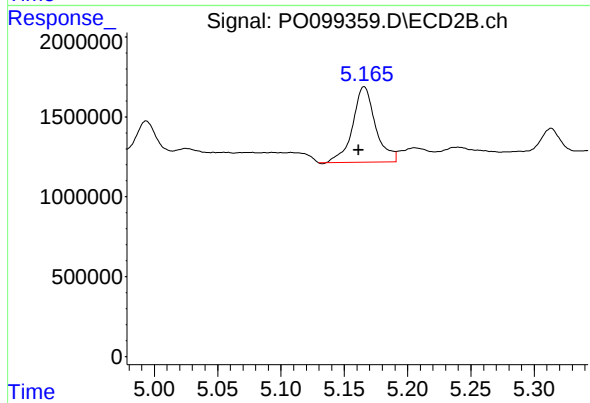
#23 AR-1248-3

R.T.: 4.994 min
Delta R.T.: 0.004 min
Response: 2100807
Conc: 100.74 ng/ml



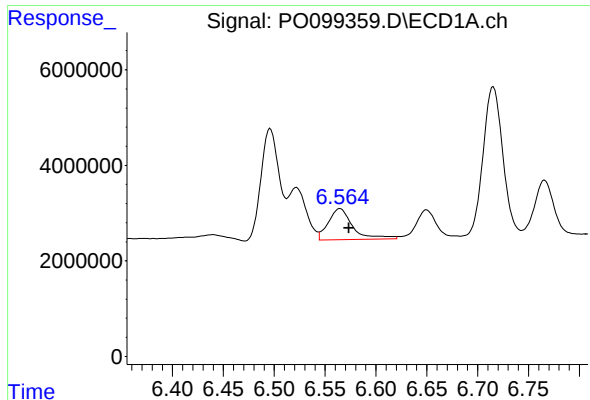
#24 AR-1248-4

R.T.: 6.522 min
Delta R.T.: -0.013 min
Response: 13592980
Conc: 249.27 ng/ml



#24 AR-1248-4

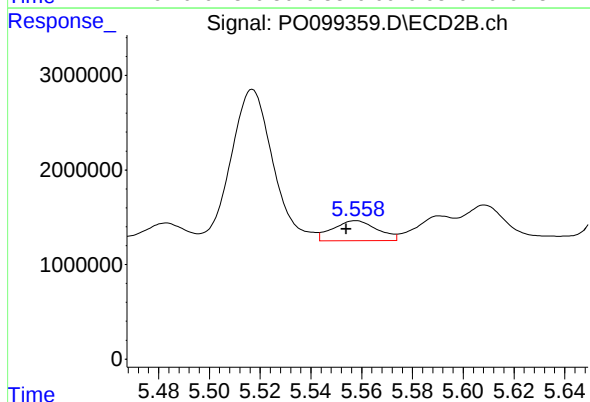
R.T.: 5.166 min
Delta R.T.: 0.004 min
Response: 5949557
Conc: 242.01 ng/ml



#25 AR-1248-5

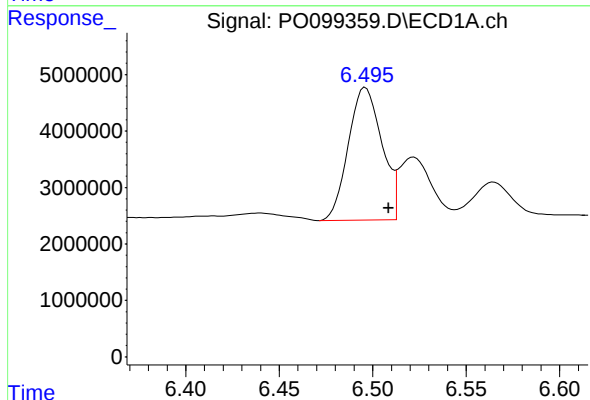
R.T.: 6.565 min
Delta R.T.: -0.009 min
Response: 10921818
Conc: 192.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



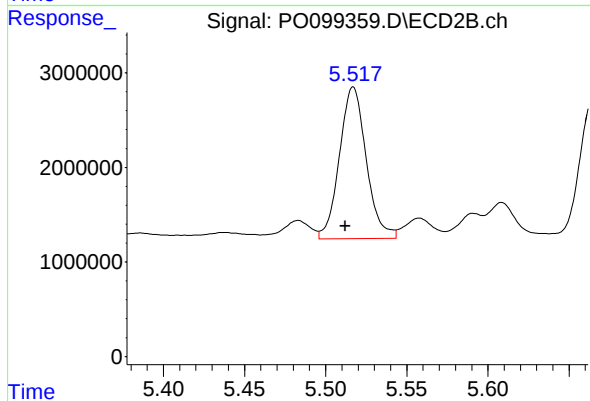
#25 AR-1248-5

R.T.: 5.558 min
Delta R.T.: 0.004 min
Response: 2600430
Conc: 119.73 ng/ml



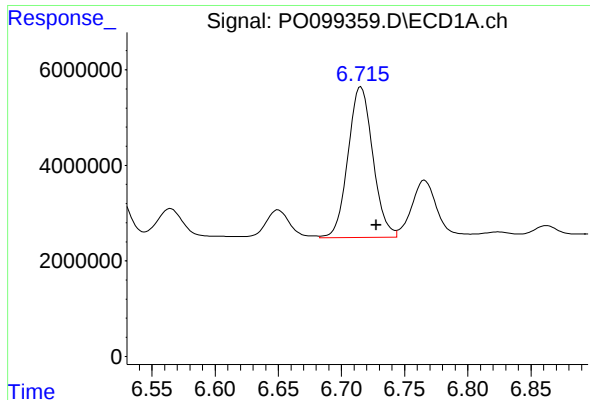
#26 AR-1254-1

R.T.: 6.496 min
Delta R.T.: -0.012 min
Response: 29371921
Conc: 446.20 ng/ml



#26 AR-1254-1

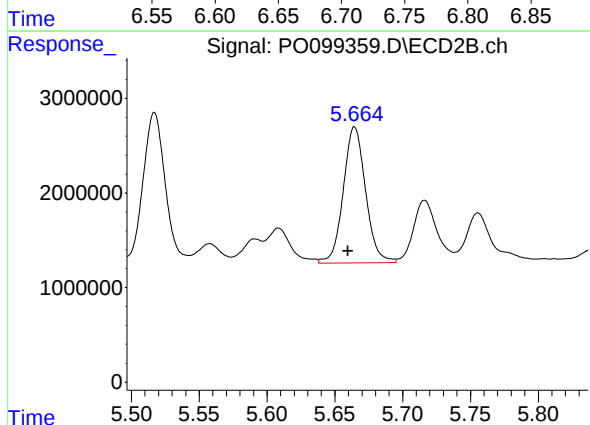
R.T.: 5.517 min
Delta R.T.: 0.005 min
Response: 18441291
Conc: 520.45 ng/ml



#27 AR-1254-2

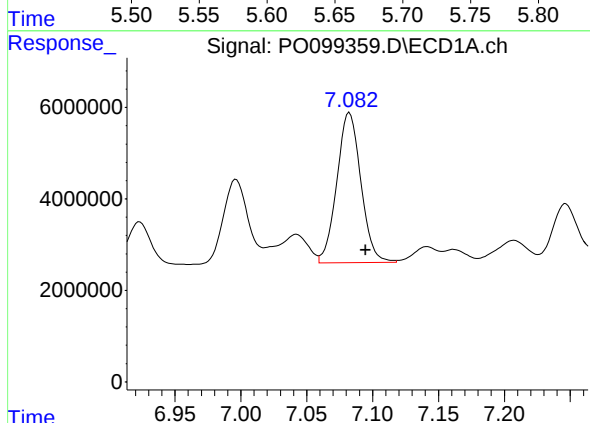
R.T.: 6.715 min
Delta R.T.: -0.012 min
Response: 43222168
Conc: 448.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



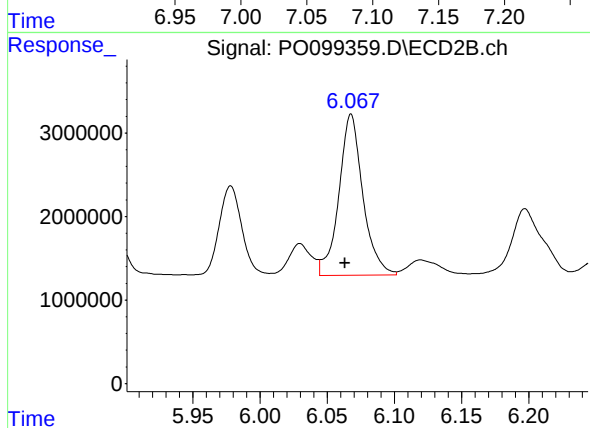
#27 AR-1254-2

R.T.: 5.665 min
Delta R.T.: 0.005 min
Response: 16470446
Conc: 514.95 ng/ml



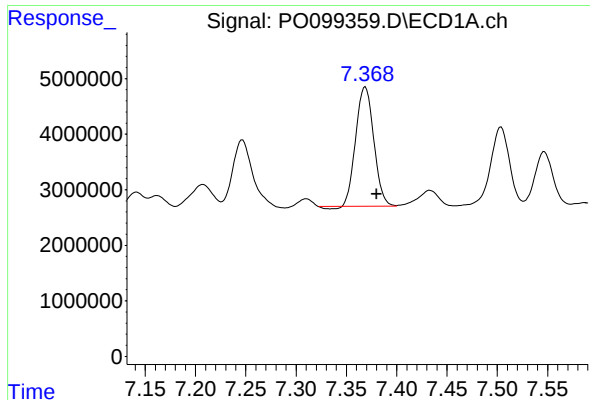
#28 AR-1254-3

R.T.: 7.082 min
Delta R.T.: -0.012 min
Response: 41660220
Conc: 466.09 ng/ml



#28 AR-1254-3

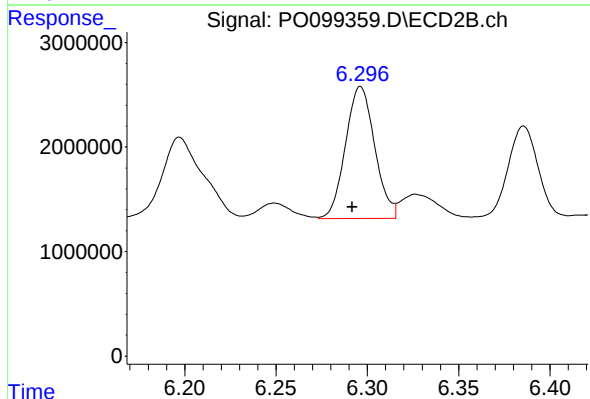
R.T.: 6.068 min
Delta R.T.: 0.005 min
Response: 24023391
Conc: 491.40 ng/ml



#29 AR-1254-4

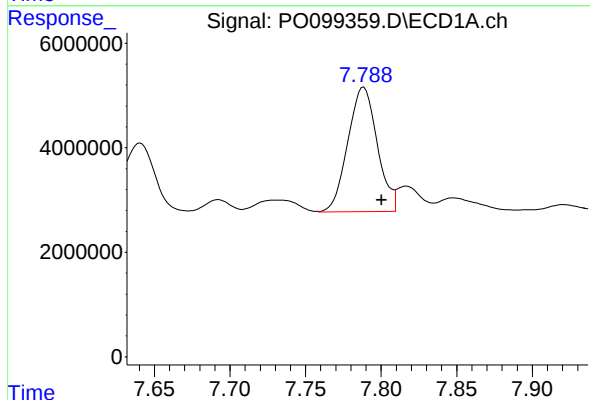
R.T.: 7.369 min
Delta R.T.: -0.011 min
Response: 26566897
Conc: 484.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



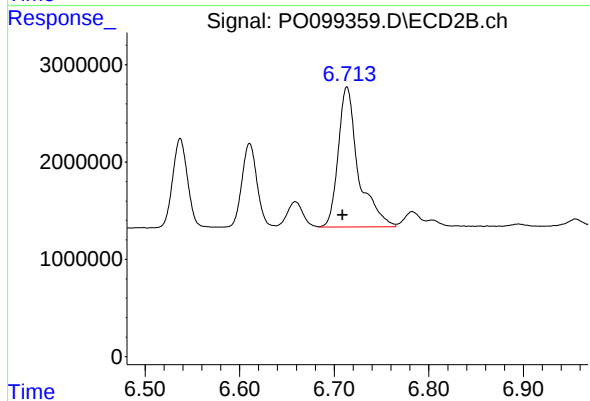
#29 AR-1254-4

R.T.: 6.296 min
Delta R.T.: 0.004 min
Response: 14066956
Conc: 536.77 ng/ml



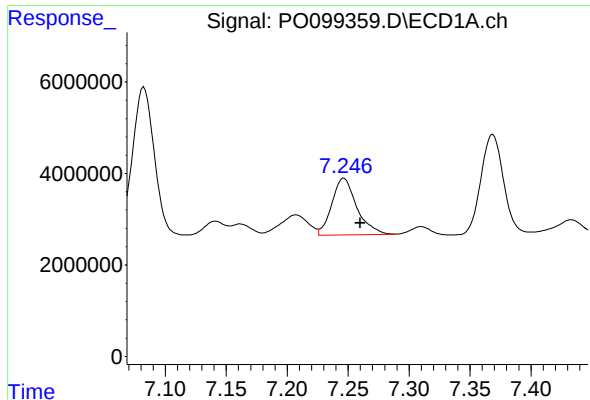
#30 AR-1254-5

R.T.: 7.789 min
Delta R.T.: -0.012 min
Response: 32266418
Conc: 479.19 ng/ml



#30 AR-1254-5

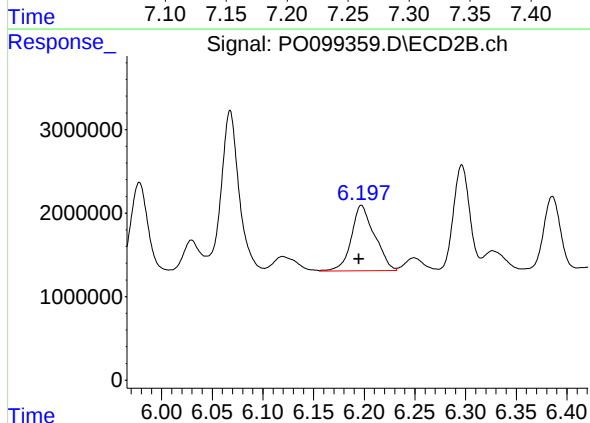
R.T.: 6.713 min
Delta R.T.: 0.004 min
Response: 21391569
Conc: 507.45 ng/ml



#31 AR-1260-1

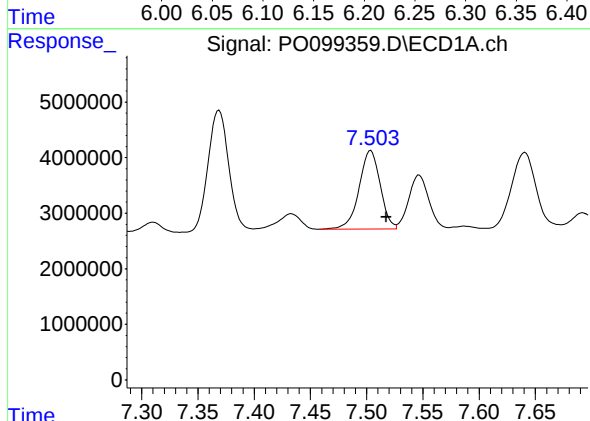
R.T.: 7.247 min
Delta R.T.: -0.013 min
Response: 17570610
Conc: 245.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



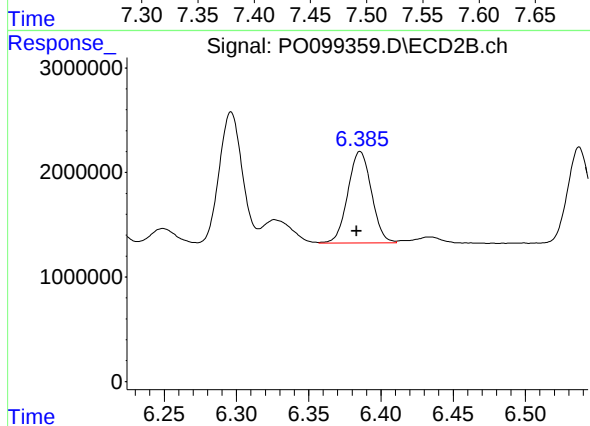
#31 AR-1260-1

R.T.: 6.197 min
Delta R.T.: 0.002 min
Response: 12534206
Conc: 355.32 ng/ml



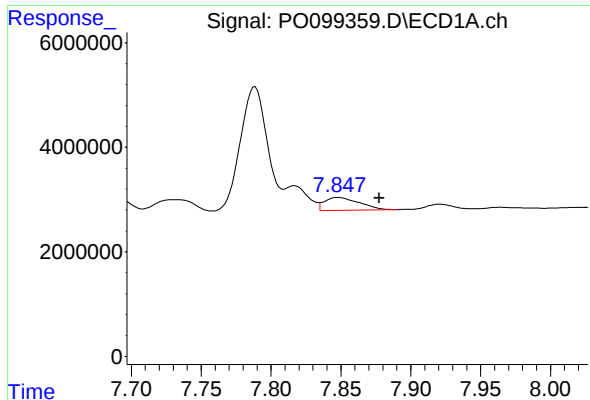
#32 AR-1260-2

R.T.: 7.504 min
Delta R.T.: -0.014 min
Response: 18542411
Conc: 235.02 ng/ml



#32 AR-1260-2

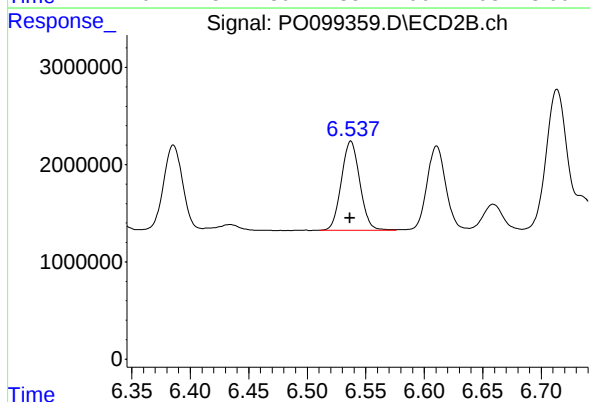
R.T.: 6.386 min
Delta R.T.: 0.002 min
Response: 9975498
Conc: 248.85 ng/ml



#33 AR-1260-3

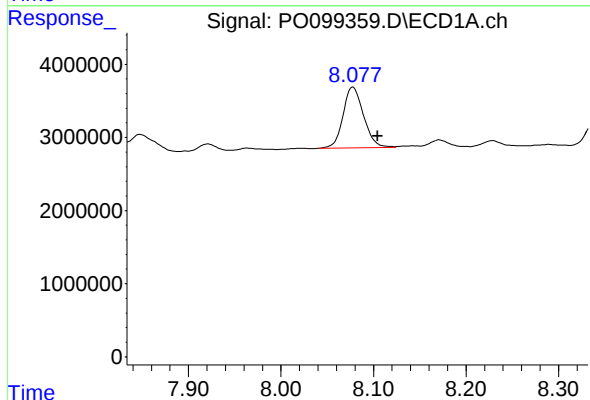
R.T.: 7.848 min
Delta R.T.: -0.030 min
Response: 4284546
Conc: 78.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



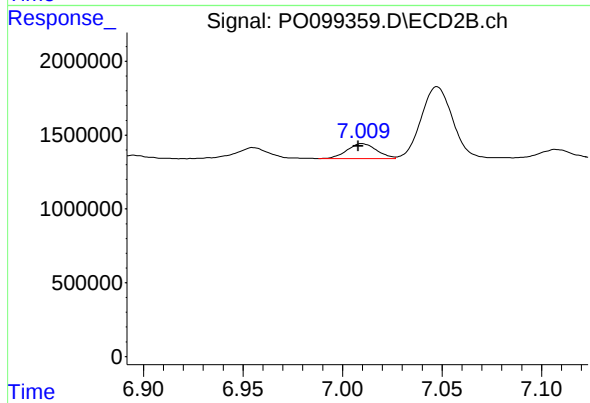
#33 AR-1260-3

R.T.: 6.537 min
Delta R.T.: 0.000 min
Response: 10062661
Conc: 266.12 ng/ml



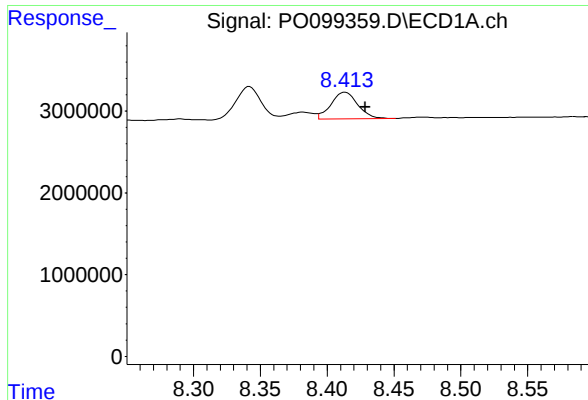
#34 AR-1260-4

R.T.: 8.078 min
Delta R.T.: -0.027 min
Response: 12847177
Conc: 205.04 ng/ml



#34 AR-1260-4

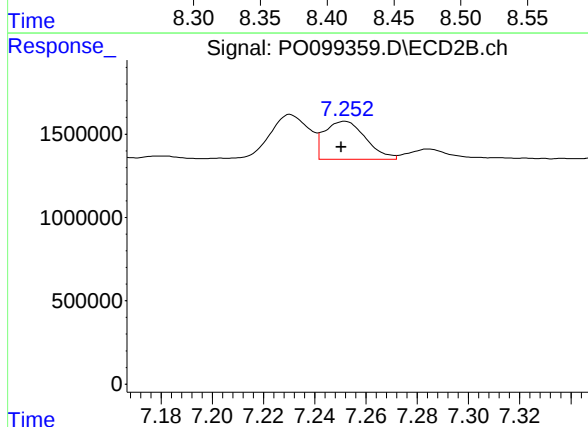
R.T.: 7.010 min
Delta R.T.: 0.002 min
Response: 1050119
Conc: 36.34 ng/ml



#35 AR-1260-5

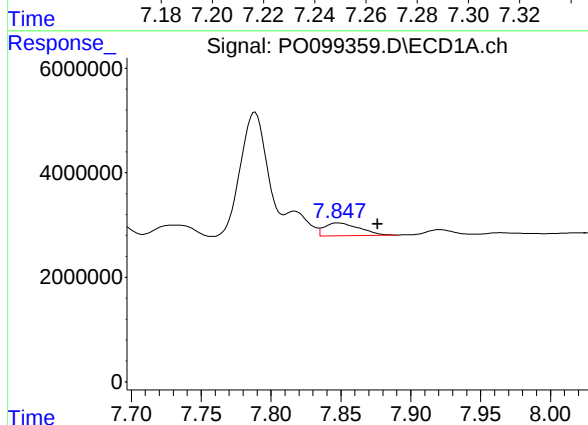
R.T.: 8.414 min
Delta R.T.: -0.015 min
Response: 4576368
Conc: 42.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



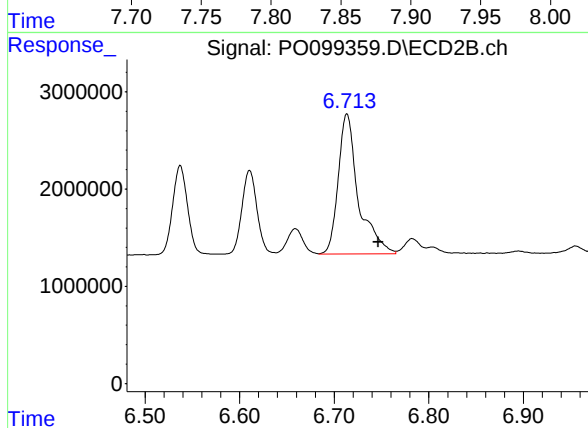
#35 AR-1260-5

R.T.: 7.252 min
Delta R.T.: 0.001 min
Response: 2537771
Conc: 42.17 ng/ml



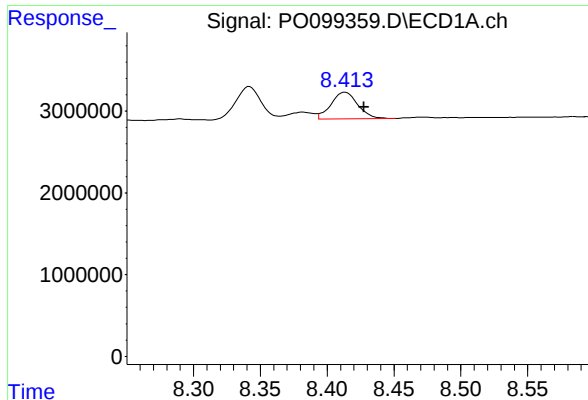
#36 AR-1262-1

R.T.: 7.848 min
Delta R.T.: -0.029 min
Response: 4284546
Conc: 47.34 ng/ml



#36 AR-1262-1

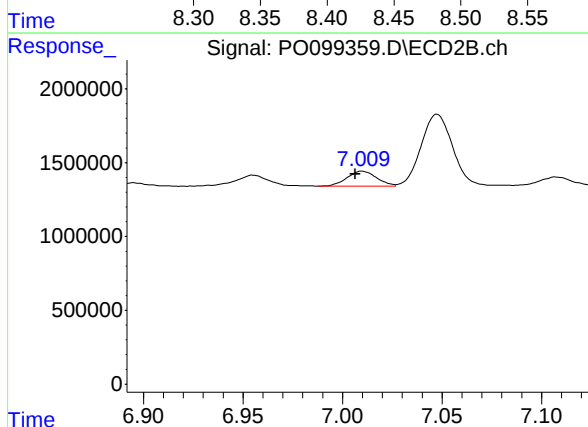
R.T.: 6.713 min
Delta R.T.: -0.033 min
Response: 21391569
Conc: 455.91 ng/ml



#37 AR-1262-2

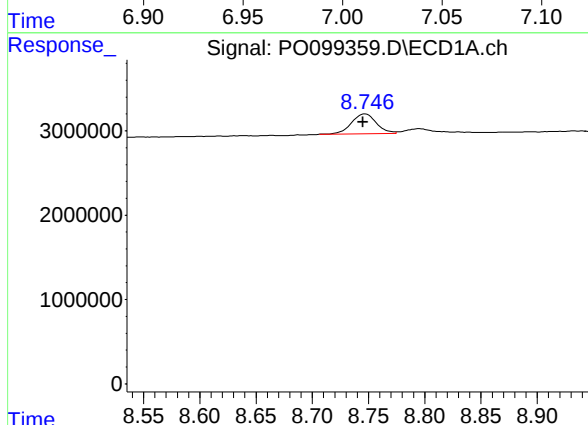
R.T.: 8.414 min
Delta R.T.: -0.014 min
Response: 4576368
Conc: 34.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



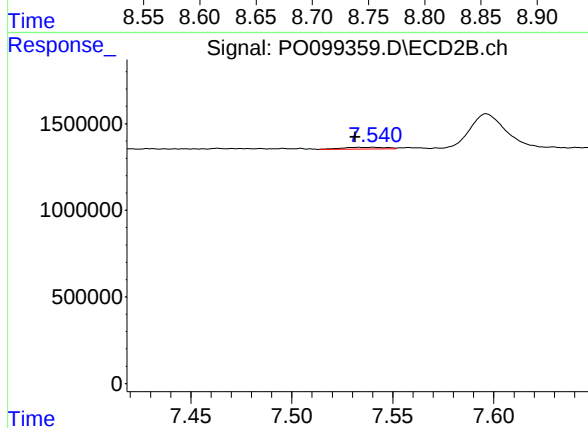
#37 AR-1262-2

R.T.: 7.010 min
Delta R.T.: 0.004 min
Response: 1050119
Conc: 25.29 ng/ml



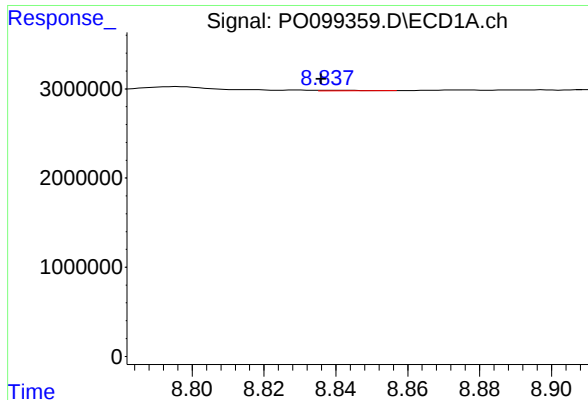
#38 AR-1262-3

R.T.: 8.747 min
Delta R.T.: 0.002 min
Response: 3661830
Conc: 37.24 ng/ml



#38 AR-1262-3

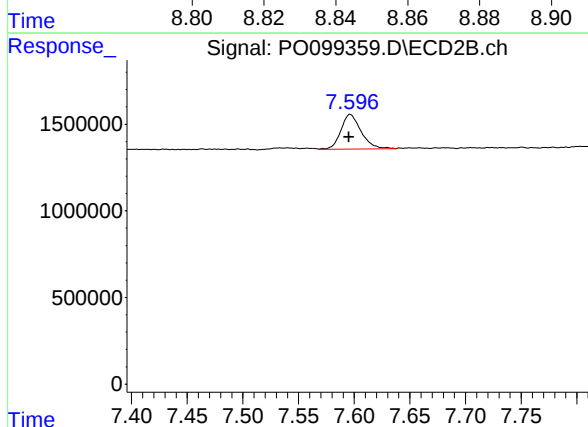
R.T.: 7.541 min
Delta R.T.: 0.010 min
Response: 164420
Conc: 5.15 ng/ml



#39 AR-1262-4

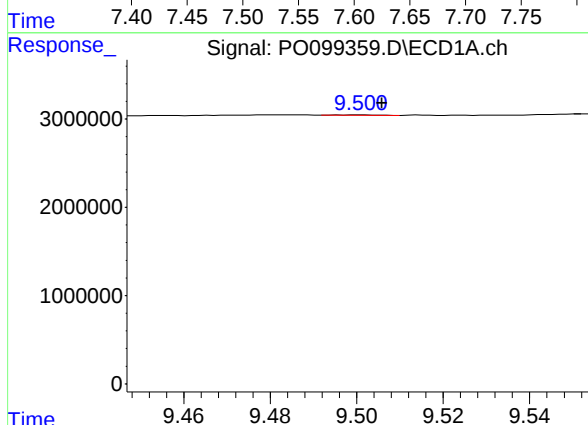
R.T.: 8.838 min
Delta R.T.: 0.003 min
Response: 63621
Conc: 0.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



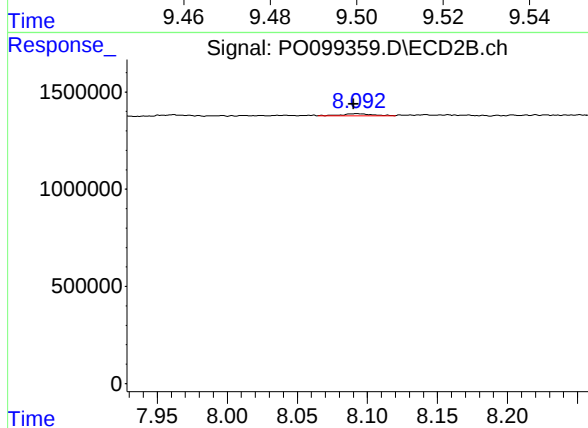
#39 AR-1262-4

R.T.: 7.596 min
Delta R.T.: 0.001 min
Response: 2516965
Conc: 45.78 ng/ml



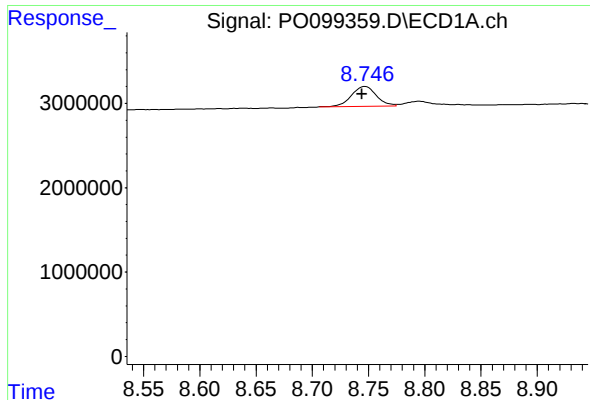
#40 AR-1262-5

R.T.: 9.501 min
Delta R.T.: -0.005 min
Response: 32594
Conc: 0.74 ng/ml



#40 AR-1262-5

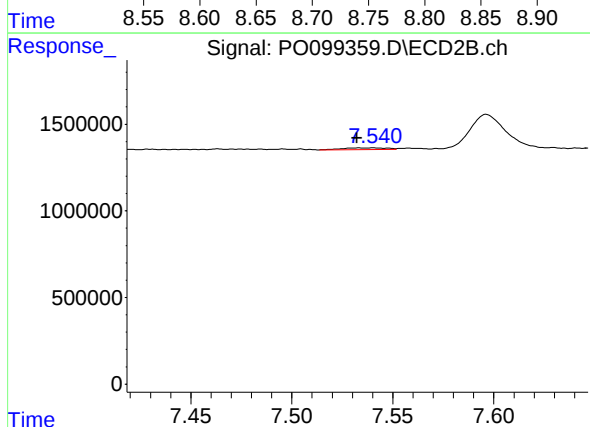
R.T.: 8.093 min
Delta R.T.: 0.002 min
Response: 164745
Conc: 6.56 ng/ml



#41 AR-1268-1

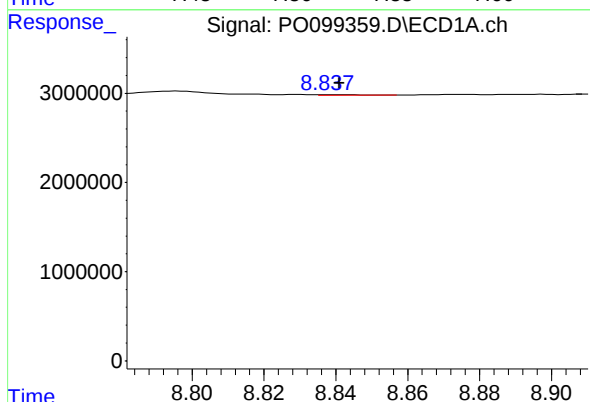
R.T.: 8.747 min
Delta R.T.: 0.003 min
Response: 3661830
Conc: 21.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



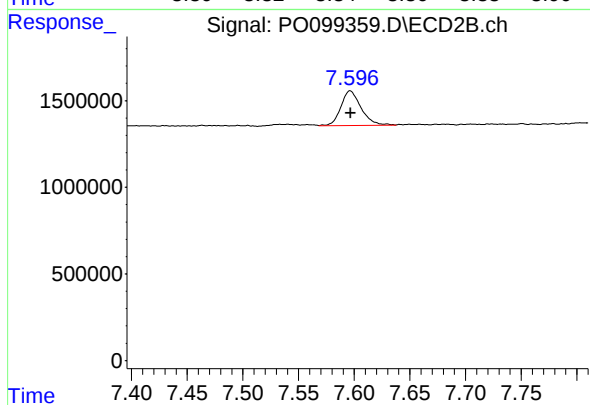
#41 AR-1268-1

R.T.: 7.541 min
Delta R.T.: 0.009 min
Response: 164420
Conc: 1.84 ng/ml



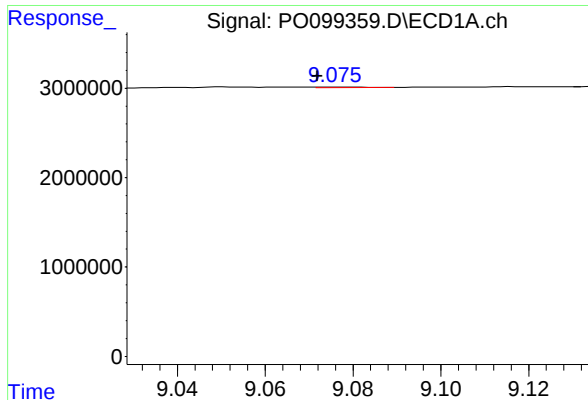
#42 AR-1268-2

R.T.: 8.838 min
Delta R.T.: -0.002 min
Response: 63621
Conc: 0.41 ng/ml



#42 AR-1268-2

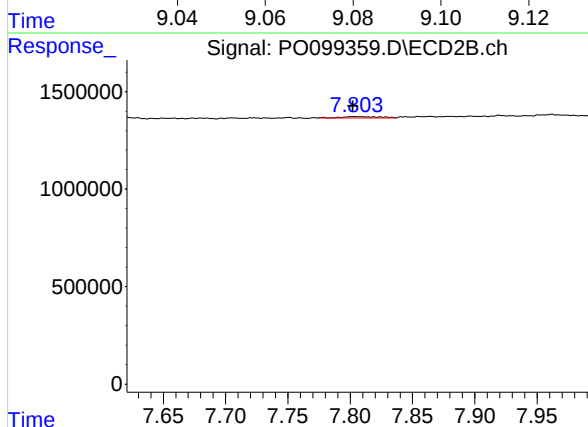
R.T.: 7.596 min
Delta R.T.: 0.000 min
Response: 2516965
Conc: 31.88 ng/ml



#43 AR-1268-3

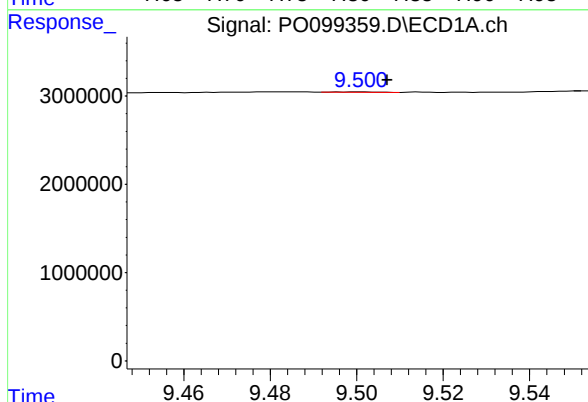
R.T.: 9.076 min
Delta R.T.: 0.004 min
Response: 53426
Conc: 0.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



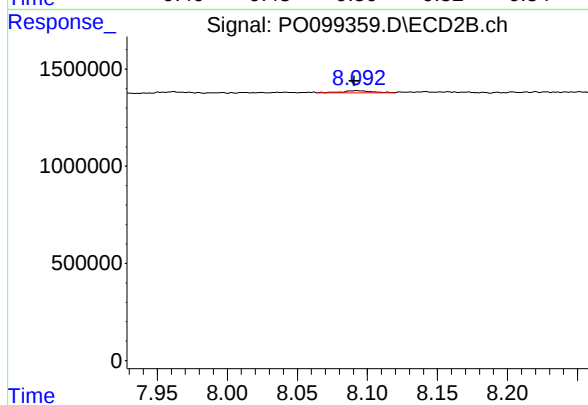
#43 AR-1268-3

R.T.: 7.804 min
Delta R.T.: 0.001 min
Response: 124163
Conc: 1.76 ng/ml



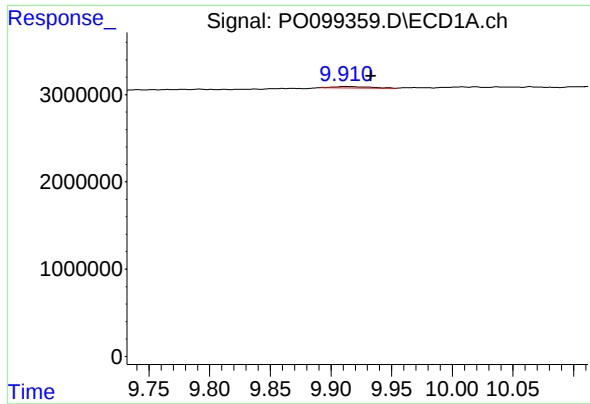
#44 AR-1268-4

R.T.: 9.501 min
Delta R.T.: -0.006 min
Response: 32594
Conc: 0.65 ng/ml



#44 AR-1268-4

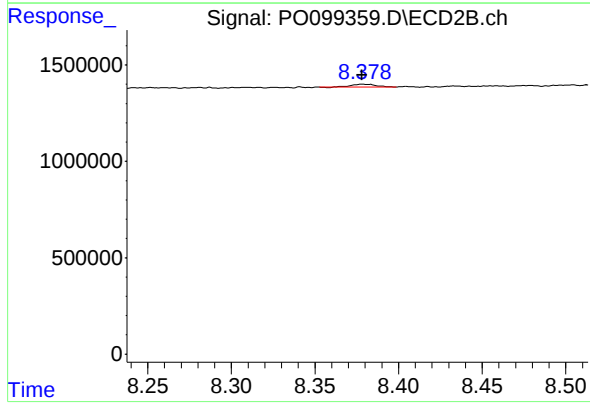
R.T.: 8.093 min
Delta R.T.: 0.002 min
Response: 164745
Conc: 5.98 ng/ml



#45 AR-1268-5

R.T.: 9.912 min
Delta R.T.: -0.021 min
Response: 333084
Conc: 0.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.379 min
Delta R.T.: 0.000 min
Response: 154842
Conc: 0.81 ng/ml