

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0110223\
 Data File : P0099293.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Nov 2023 16:44
 Operator : YP/AJ
 Sample : AR1248CCC500
 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: Nov 02 23:17:44 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...	4.467	3.623	93357160	34597716	47.247	48.074
2)	SA Decachlor...	10.258	8.613	47338721	19957044	41.787	37.196
Target Compounds							
3)	L1 AR-1016-1	5.662	4.720	20736655	7542358	376.576	336.803
4)	L1 AR-1016-2	5.662	4.720	20736655	7542358	250.776	241.304
5)	L1 AR-1016-3	5.724	4.897	10234117	4902121	198.828	289.505 #
6)	L1 AR-1016-4	5.821	4.938	9486203	10396284	233.401	719.081 #
7)	L1 AR-1016-5	6.118	5.150	24483380	12654815	576.851	677.385
8)	L2 AR-1221-1	4.672	3.849	265178	79872	10.680	8.598
9)	L2 AR-1221-2	4.774	3.922	2253198	595115	121.799	91.786
10)	L2 AR-1221-3	4.839	3.996	1711858	620871	31.598	30.695
11)	L3 AR-1232-1	4.839	3.996	1711858	620871	37.420	36.220
12)	L3 AR-1232-2	5.370	4.720	8133121	7542358	344.412	492.321 #
13)	L3 AR-1232-3	5.662	4.897	20736655	4902121	525.082	612.652
14)	L3 AR-1232-4	5.821	4.979	9486203	11029161	497.209	1433.518 #
15)	L3 AR-1232-5	5.914	5.150	23106953	12654815	1387.124	1487.825
16)	L4 AR-1242-1	5.662	4.720	20736655	7542358	478.993	429.278
17)	L4 AR-1242-2	5.662	4.720	20736655	7542358	323.771	311.234
18)	L4 AR-1242-3	5.724	4.897	10234117	4902121	254.417	382.360 #
19)	L4 AR-1242-4	5.821	4.979	9486203	11029161	303.143	783.502 #
20)	L4 AR-1242-5	6.562	5.501	28041971	16694494	909.019	999.001
21)	L5 AR-1248-1	5.639	4.720	17336633	7542358	510.311	544.183
22)	L5 AR-1248-2	5.914	4.938	23106953	10396284	441.535	523.384
23)	L5 AR-1248-3	6.118	4.979	24483380	11029161	429.701	528.886
24)	L5 AR-1248-4	6.523	5.150	27824117	12654815	510.238	514.769
25)	L5 AR-1248-5	6.562	5.543	28041971	11705725	493.644	538.977
26)	L6 AR-1254-1	6.496	5.501	21957879	16694494	333.569	471.152 #
27)	L6 AR-1254-2	6.719	5.650	27962811	5278124	290.466	165.022 #
28)	L6 AR-1254-3	7.083	6.052	15682673	7869510	175.455	160.972
29)	L6 AR-1254-4	7.369	6.281	7640970	5225599	139.476	199.398 #
30)	L6 AR-1254-5	7.789	6.698	2394539	1554302	35.562	36.871
31)	L7 AR-1260-1	7.248	6.197	1488037	3726908	20.765	105.652 #
32)	L7 AR-1260-2	7.503	6.369	2190300	769265	27.762	19.190 #
33)	L7 AR-1260-3	7.861	6.522	151010	541981	2.765	14.333 #
34)	L7 AR-1260-4	8.078	6.995	958034	140164	15.290	4.851 #
35)	L7 AR-1260-5	8.414	7.235	822980	272015	7.690	4.520 #
36)	L8 AR-1262-1	7.861	6.768	151010	248658	1.668	5.300 #
37)	L8 AR-1262-2	8.414	6.995	822980	140164	6.174	3.376 #
38)	L8 AR-1262-3	8.748	7.523	285806	108627	2.906	3.400 #
39)	L8 AR-1262-4	8.837	7.584	79370	288288	0.991	5.244 #
40)	L8 AR-1262-5	9.516	8.096	41619	80276	0.947	3.196 #
41)	L9 AR-1268-1	8.748	7.523	285806	108627	1.659	1.218 #

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 Quant Time: Nov 02 23:17:44 2023
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 Response via : Initial Calibration
 Integrator: ChemStation

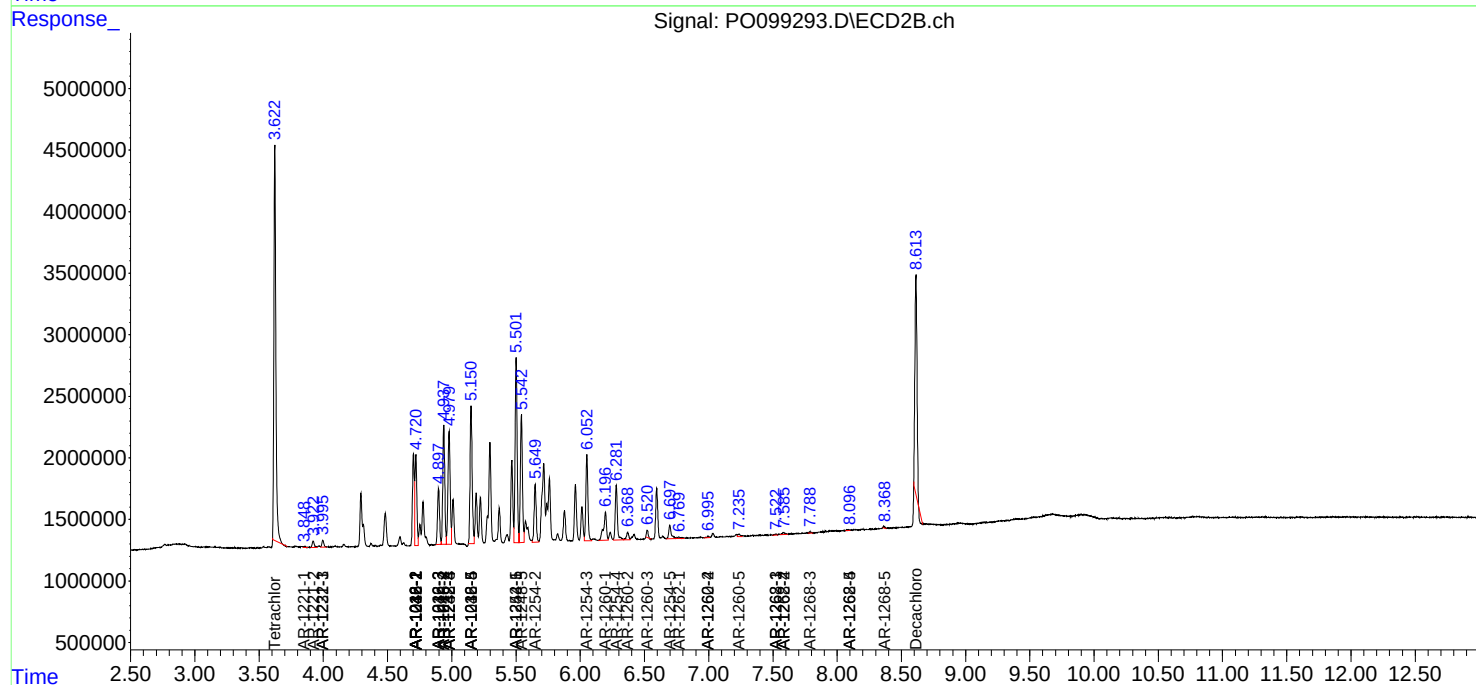
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

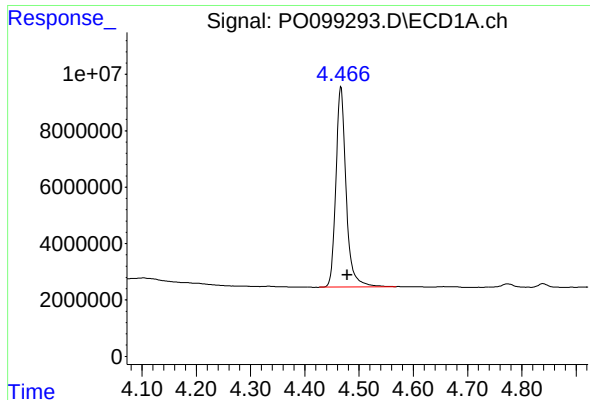
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.837	7.584	79370	288288	0.506	3.651 #
43) L9	AR-1268-3	9.080	7.793	3395	83130	0.024	1.181 #
44) L9	AR-1268-4	9.516	8.096	41619	80276	0.830	2.913 #
45) L9	AR-1268-5	9.943	8.367	17933	123012	0.044	0.645 #

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

Instrument :
ECD_O
ClientSampleId :

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

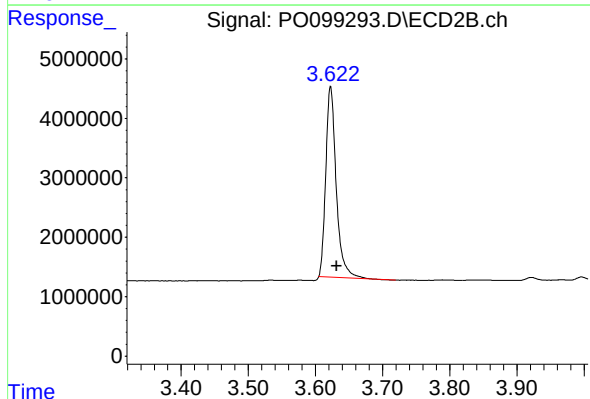




#1 Tetrachloro-m-xylene

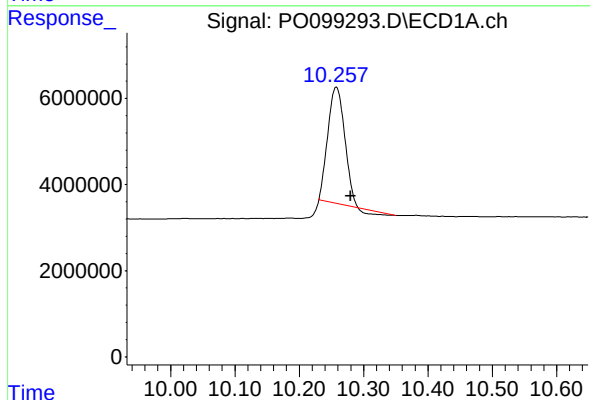
R.T.: 4.467 min
Delta R.T.: -0.011 min
Response: 93357160
Conc: 47.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



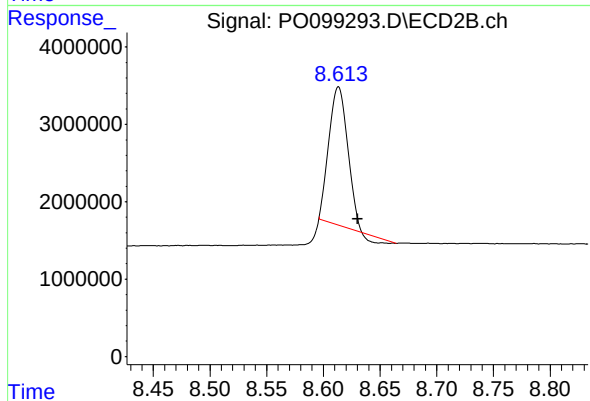
#1 Tetrachloro-m-xylene

R.T.: 3.623 min
Delta R.T.: -0.009 min
Response: 34597716
Conc: 48.07 ng/ml



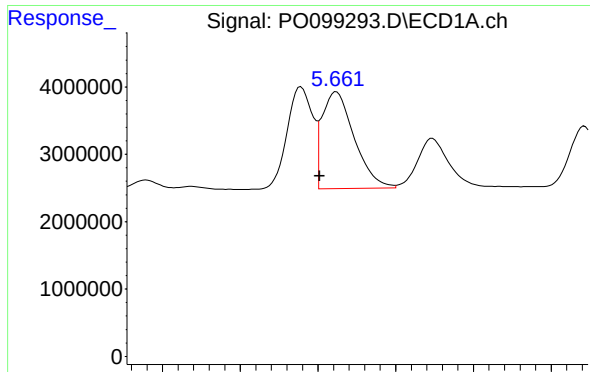
#2 Decachlorobiphenyl

R.T.: 10.258 min
Delta R.T.: -0.023 min
Response: 47338721
Conc: 41.79 ng/ml



#2 Decachlorobiphenyl

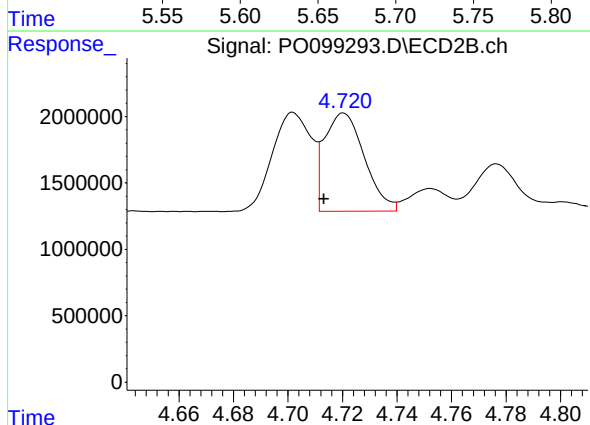
R.T.: 8.613 min
Delta R.T.: -0.017 min
Response: 19957044
Conc: 37.20 ng/ml



#3 AR-1016-1

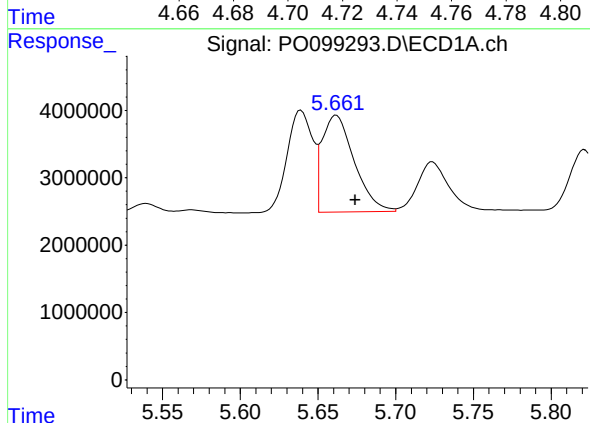
R.T.: 5.662 min
Delta R.T.: 0.011 min
Response: 20736655
Conc: 376.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



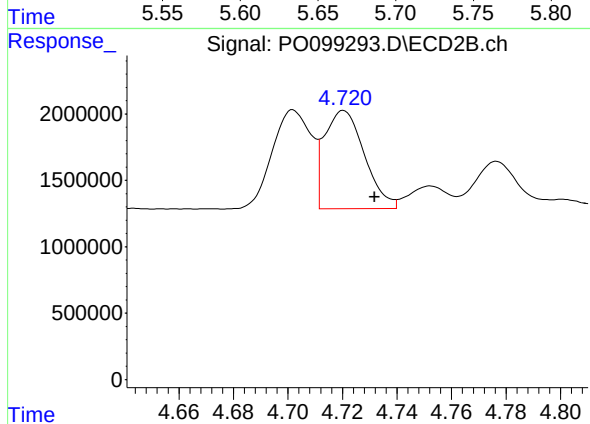
#3 AR-1016-1

R.T.: 4.720 min
Delta R.T.: 0.007 min
Response: 7542358
Conc: 336.80 ng/ml



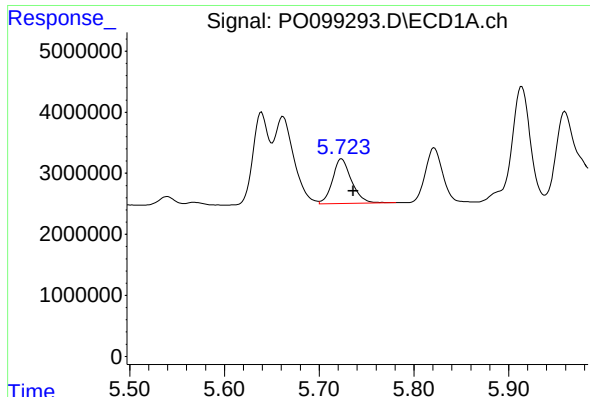
#4 AR-1016-2

R.T.: 5.662 min
Delta R.T.: -0.012 min
Response: 20736655
Conc: 250.78 ng/ml



#4 AR-1016-2

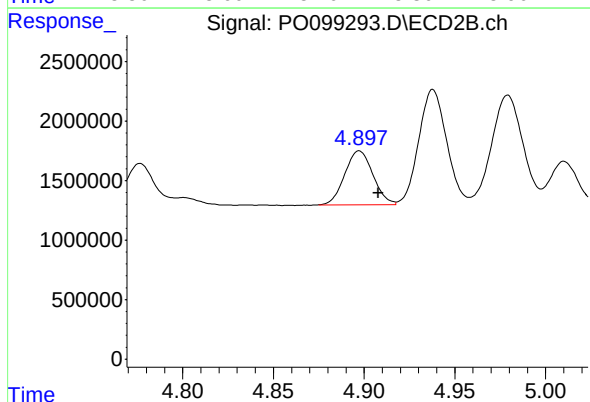
R.T.: 4.720 min
Delta R.T.: -0.011 min
Response: 7542358
Conc: 241.30 ng/ml



#5 AR-1016-3

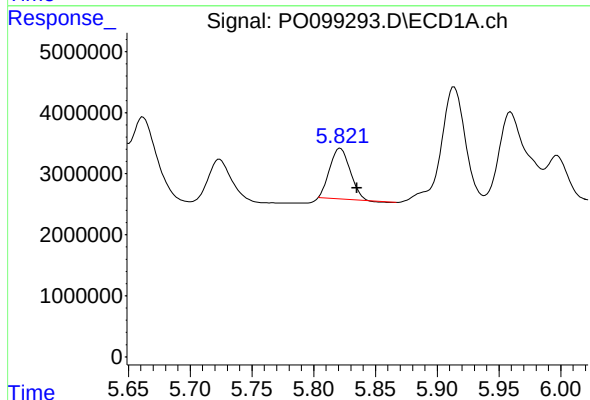
R.T.: 5.724 min
Delta R.T.: -0.012 min
Response: 10234117
Conc: 198.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



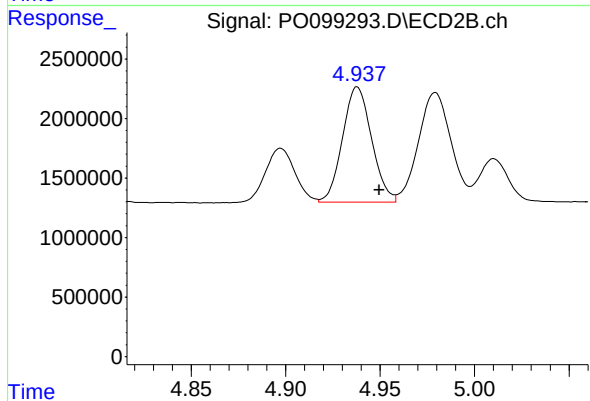
#5 AR-1016-3

R.T.: 4.897 min
Delta R.T.: -0.010 min
Response: 4902121
Conc: 289.50 ng/ml



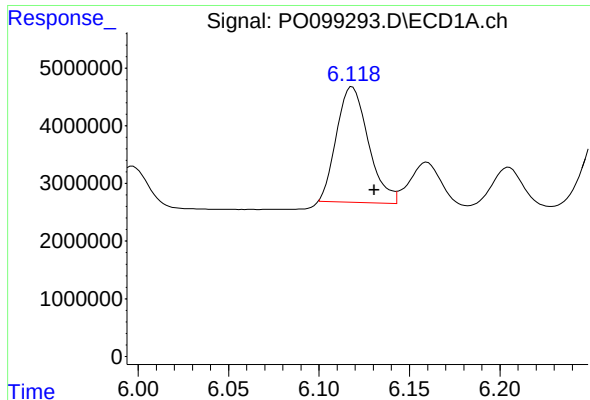
#6 AR-1016-4

R.T.: 5.821 min
Delta R.T.: -0.013 min
Response: 9486203
Conc: 233.40 ng/ml



#6 AR-1016-4

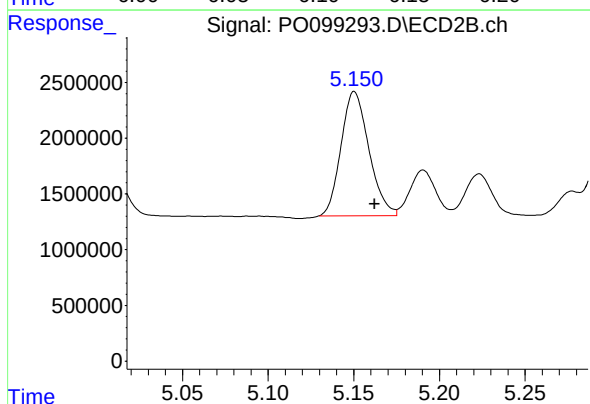
R.T.: 4.938 min
Delta R.T.: -0.012 min
Response: 10396284
Conc: 719.08 ng/ml



#7 AR-1016-5

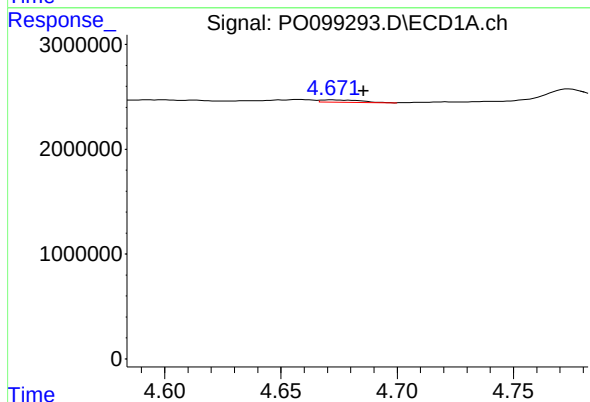
R.T.: 6.118 min
Delta R.T.: -0.012 min
Response: 24483380
Conc: 576.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



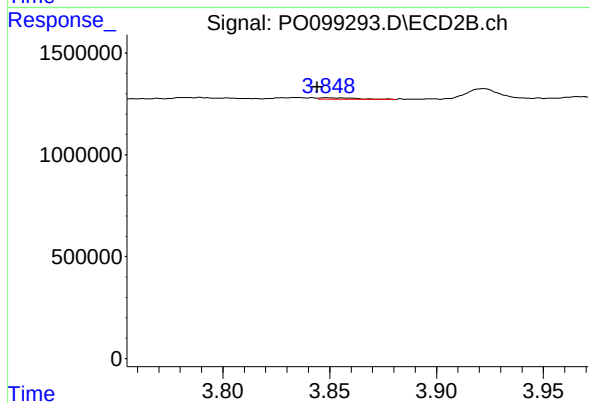
#7 AR-1016-5

R.T.: 5.150 min
Delta R.T.: -0.012 min
Response: 12654815
Conc: 677.38 ng/ml



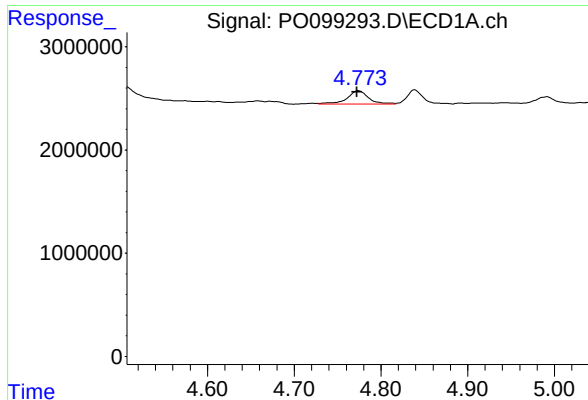
#8 AR-1221-1

R.T.: 4.672 min
Delta R.T.: -0.013 min
Response: 265178
Conc: 10.68 ng/ml



#8 AR-1221-1

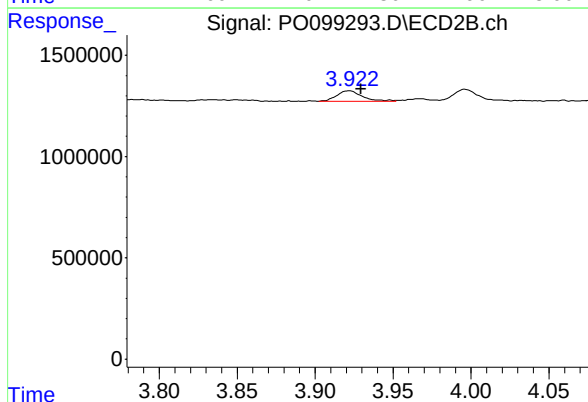
R.T.: 3.849 min
Delta R.T.: 0.005 min
Response: 79872
Conc: 8.60 ng/ml



#9 AR-1221-2

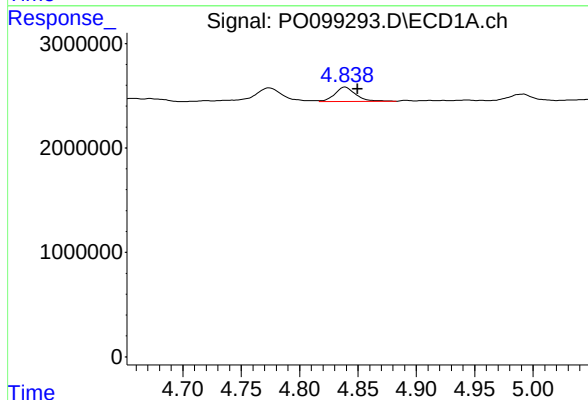
R.T.: 4.774 min
Delta R.T.: 0.002 min
Response: 2253198
Conc: 121.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



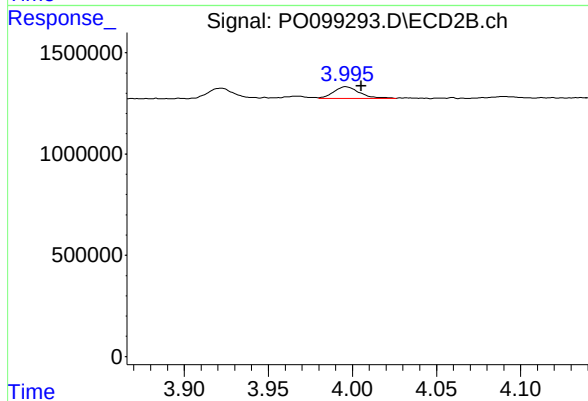
#9 AR-1221-2

R.T.: 3.922 min
Delta R.T.: -0.008 min
Response: 595115
Conc: 91.79 ng/ml



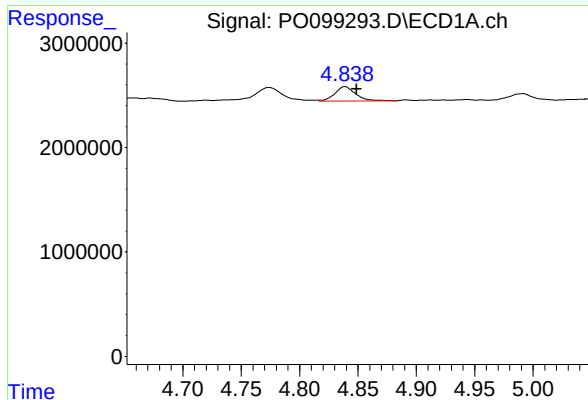
#10 AR-1221-3

R.T.: 4.839 min
Delta R.T.: -0.011 min
Response: 1711858
Conc: 31.60 ng/ml



#10 AR-1221-3

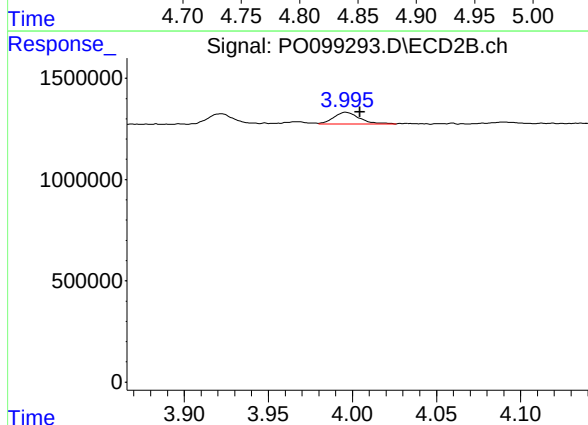
R.T.: 3.996 min
Delta R.T.: -0.009 min
Response: 620871
Conc: 30.69 ng/ml



#11 AR-1232-1

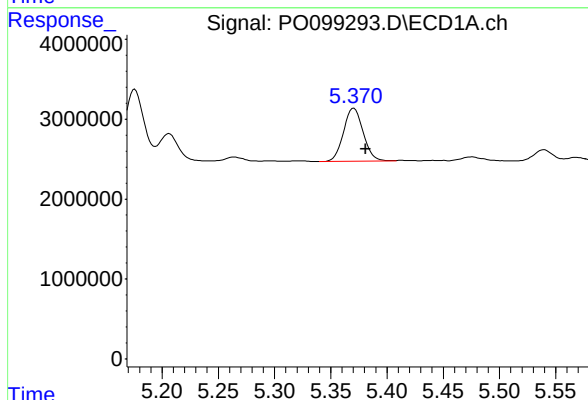
R.T.: 4.839 min
Delta R.T.: -0.010 min
Response: 1711858
Conc: 37.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



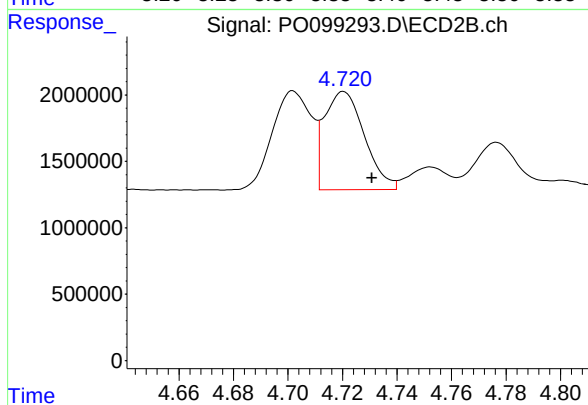
#11 AR-1232-1

R.T.: 3.996 min
Delta R.T.: -0.009 min
Response: 620871
Conc: 36.22 ng/ml



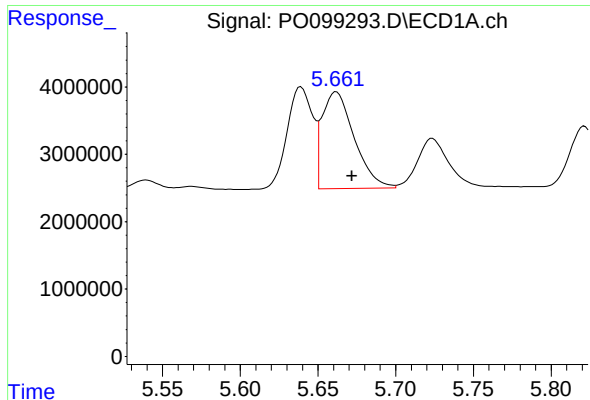
#12 AR-1232-2

R.T.: 5.370 min
Delta R.T.: -0.011 min
Response: 8133121
Conc: 344.41 ng/ml



#12 AR-1232-2

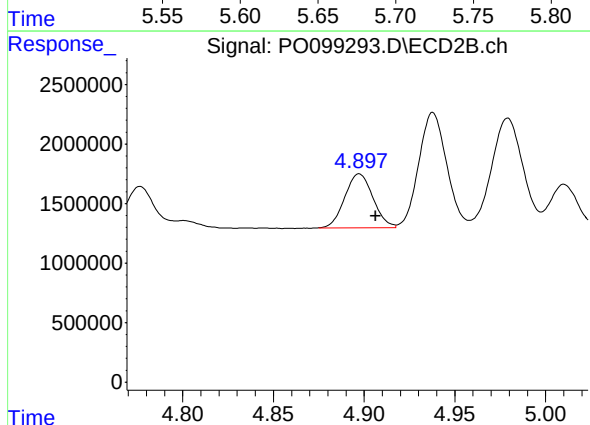
R.T.: 4.720 min
Delta R.T.: -0.010 min
Response: 7542358
Conc: 492.32 ng/ml



#13 AR-1232-3

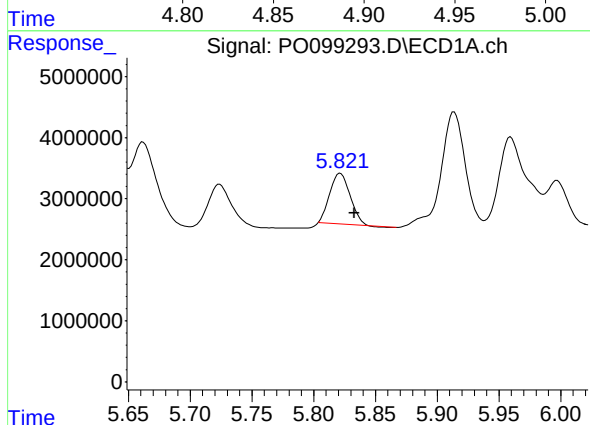
R.T.: 5.662 min
Delta R.T.: -0.010 min
Response: 20736655
Conc: 525.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



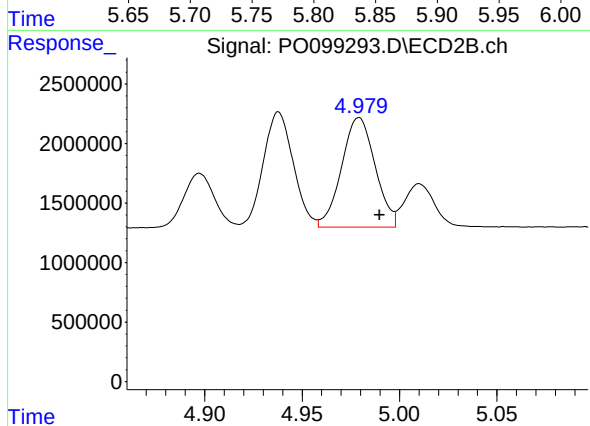
#13 AR-1232-3

R.T.: 4.897 min
Delta R.T.: -0.009 min
Response: 4902121
Conc: 612.65 ng/ml



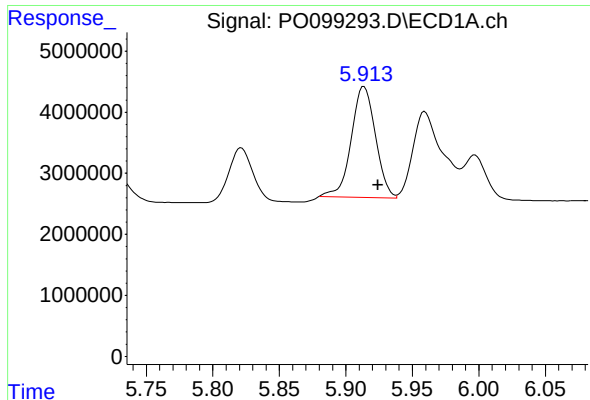
#14 AR-1232-4

R.T.: 5.821 min
Delta R.T.: -0.011 min
Response: 9486203
Conc: 497.21 ng/ml



#14 AR-1232-4

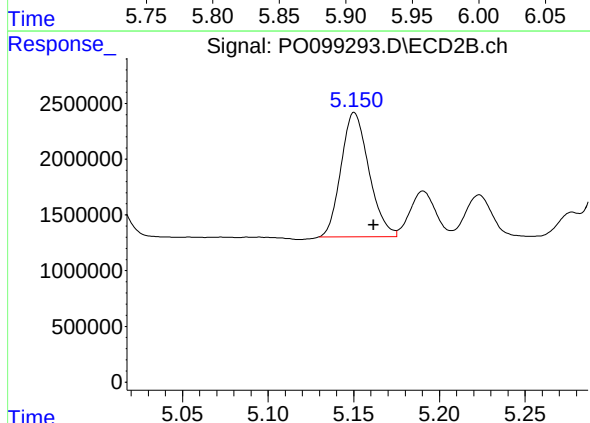
R.T.: 4.979 min
Delta R.T.: -0.011 min
Response: 11029161
Conc: 1433.52 ng/ml



#15 AR-1232-5

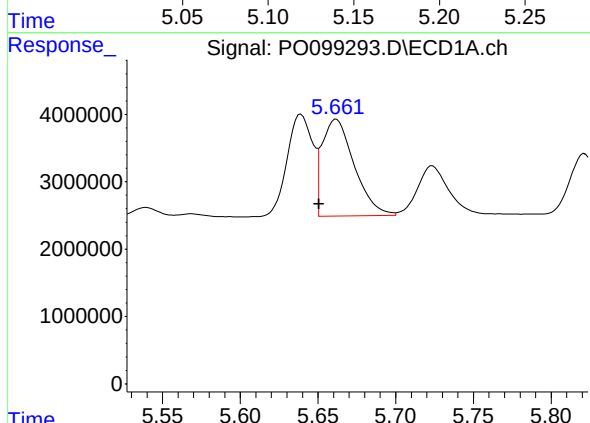
R.T.: 5.914 min
Delta R.T.: -0.011 min
Response: 23106953
Conc: 1387.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



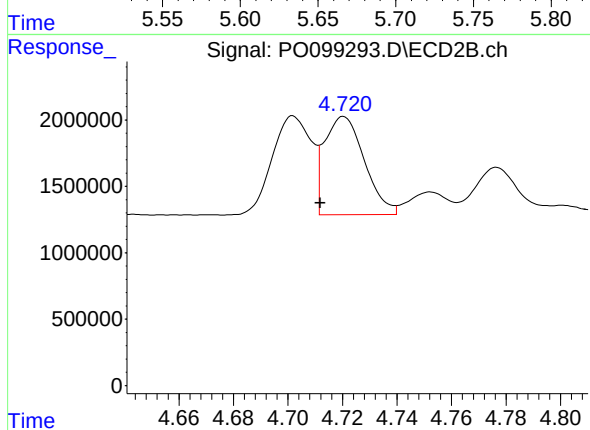
#15 AR-1232-5

R.T.: 5.150 min
Delta R.T.: -0.011 min
Response: 12654815
Conc: 1487.83 ng/ml



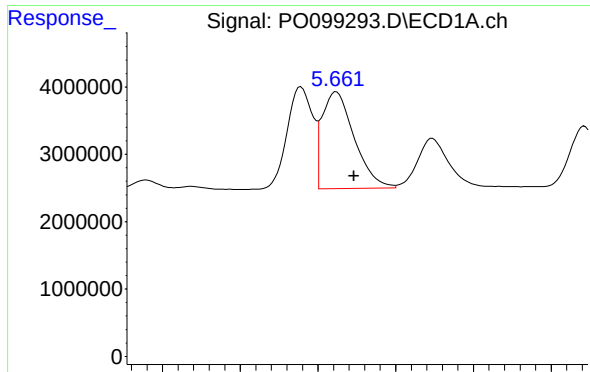
#16 AR-1242-1

R.T.: 5.662 min
Delta R.T.: 0.011 min
Response: 20736655
Conc: 478.99 ng/ml



#16 AR-1242-1

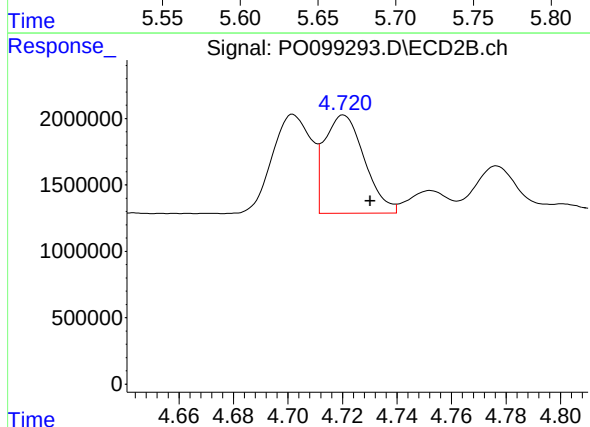
R.T.: 4.720 min
Delta R.T.: 0.009 min
Response: 7542358
Conc: 429.28 ng/ml



#17 AR-1242-2

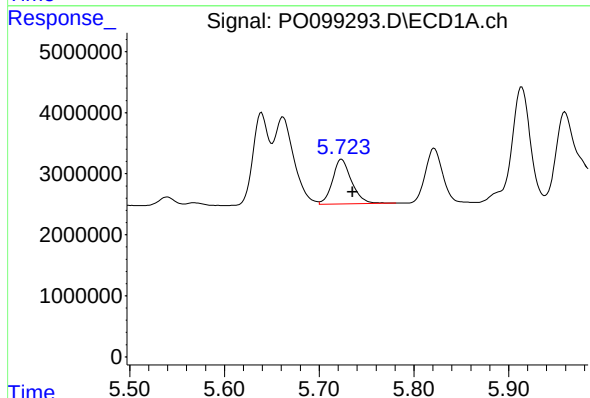
R.T.: 5.662 min
Delta R.T.: -0.011 min
Response: 20736655
Conc: 323.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



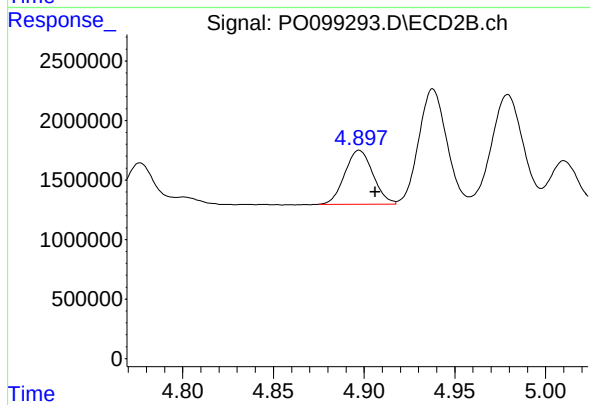
#17 AR-1242-2

R.T.: 4.720 min
Delta R.T.: -0.010 min
Response: 7542358
Conc: 311.23 ng/ml



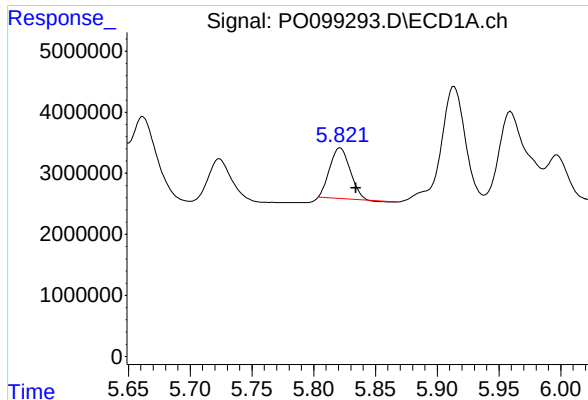
#18 AR-1242-3

R.T.: 5.724 min
Delta R.T.: -0.012 min
Response: 10234117
Conc: 254.42 ng/ml



#18 AR-1242-3

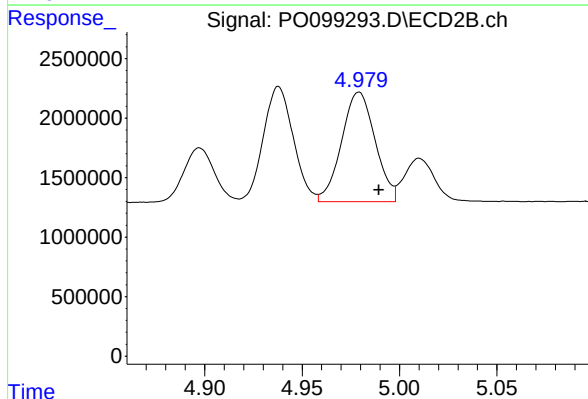
R.T.: 4.897 min
Delta R.T.: -0.009 min
Response: 4902121
Conc: 382.36 ng/ml



#19 AR-1242-4

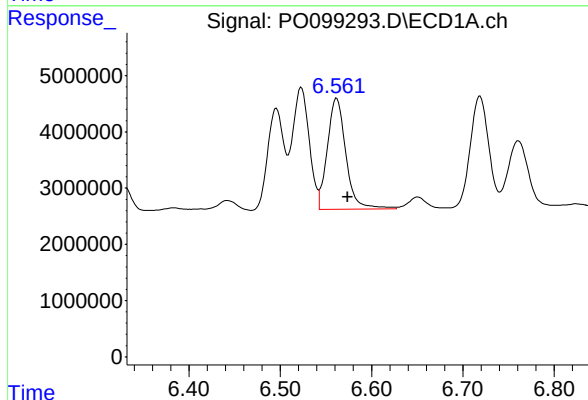
R.T.: 5.821 min
Delta R.T.: -0.013 min
Response: 9486203
Conc: 303.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



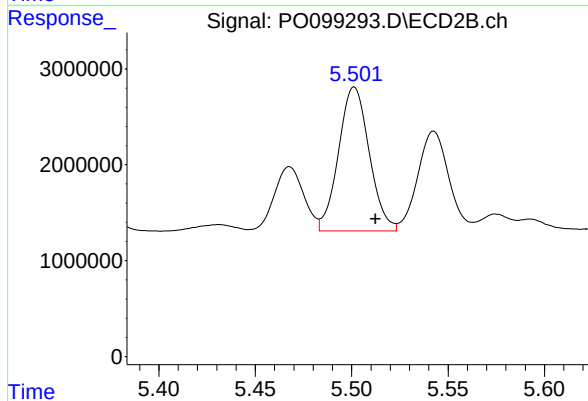
#19 AR-1242-4

R.T.: 4.979 min
Delta R.T.: -0.010 min
Response: 11029161
Conc: 783.50 ng/ml



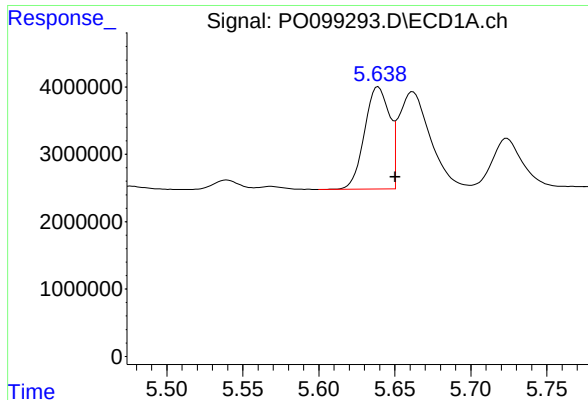
#20 AR-1242-5

R.T.: 6.562 min
Delta R.T.: -0.012 min
Response: 28041971
Conc: 909.02 ng/ml



#20 AR-1242-5

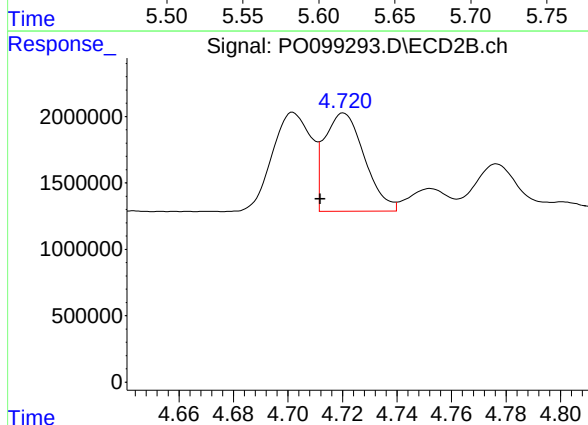
R.T.: 5.501 min
Delta R.T.: -0.011 min
Response: 16694494
Conc: 999.00 ng/ml



#21 AR-1248-1

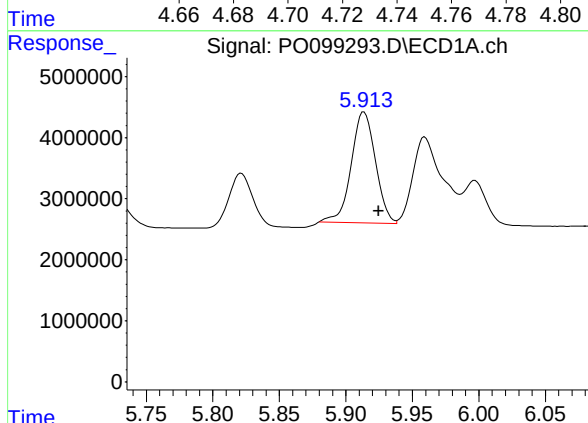
R.T.: 5.639 min
Delta R.T.: -0.011 min
Response: 17336633
Conc: 510.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



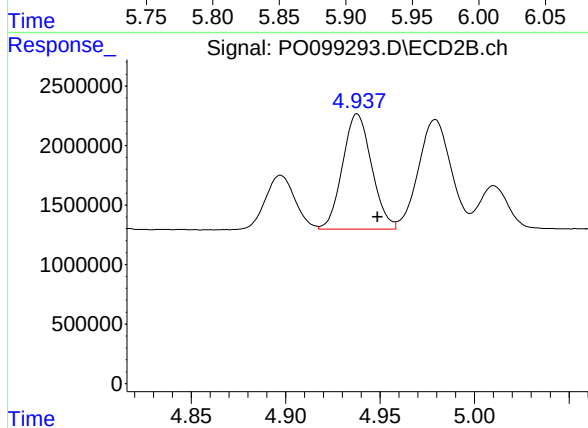
#21 AR-1248-1

R.T.: 4.720 min
Delta R.T.: 0.009 min
Response: 7542358
Conc: 544.18 ng/ml



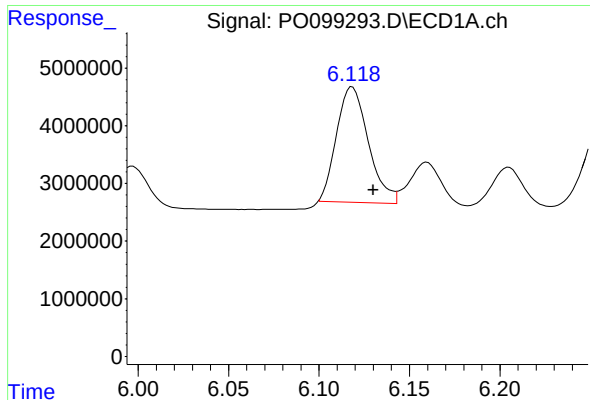
#22 AR-1248-2

R.T.: 5.914 min
Delta R.T.: -0.011 min
Response: 23106953
Conc: 441.53 ng/ml



#22 AR-1248-2

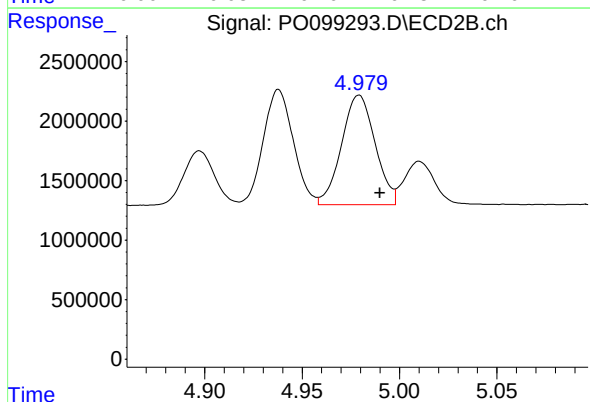
R.T.: 4.938 min
Delta R.T.: -0.011 min
Response: 10396284
Conc: 523.38 ng/ml



#23 AR-1248-3

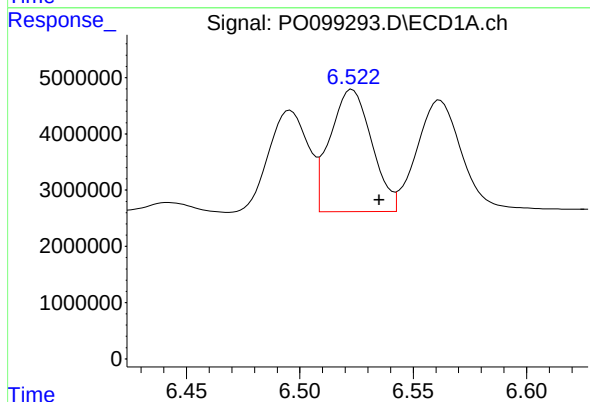
R.T.: 6.118 min
Delta R.T.: -0.012 min
Response: 24483380
Conc: 429.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



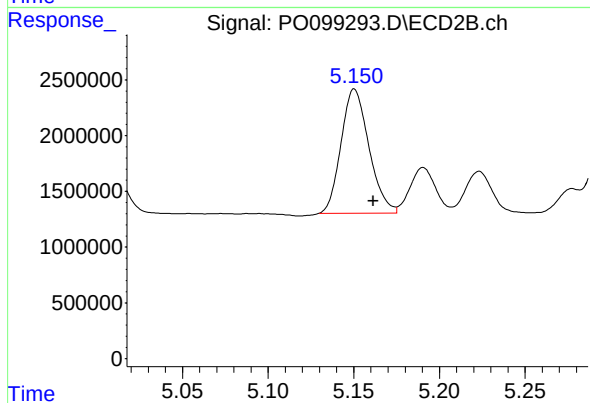
#23 AR-1248-3

R.T.: 4.979 min
Delta R.T.: -0.011 min
Response: 11029161
Conc: 528.89 ng/ml



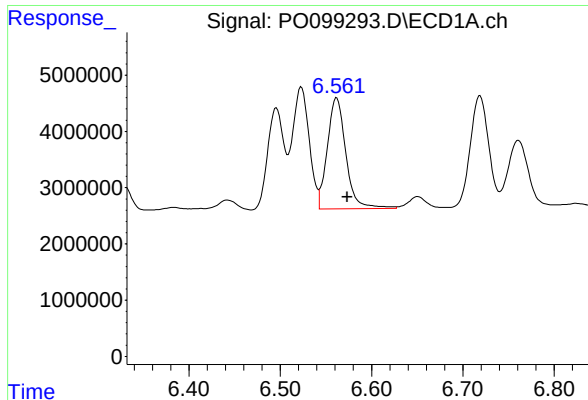
#24 AR-1248-4

R.T.: 6.523 min
Delta R.T.: -0.012 min
Response: 27824117
Conc: 510.24 ng/ml



#24 AR-1248-4

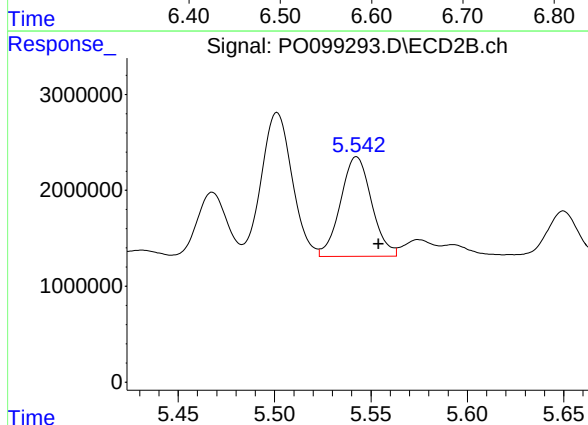
R.T.: 5.150 min
Delta R.T.: -0.011 min
Response: 12654815
Conc: 514.77 ng/ml



#25 AR-1248-5

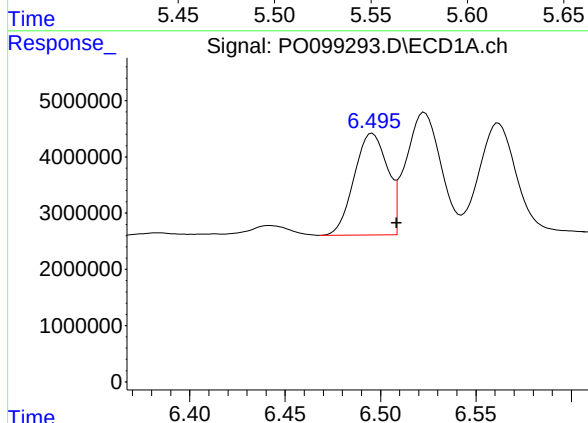
R.T.: 6.562 min
Delta R.T.: -0.012 min
Response: 28041971
Conc: 493.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



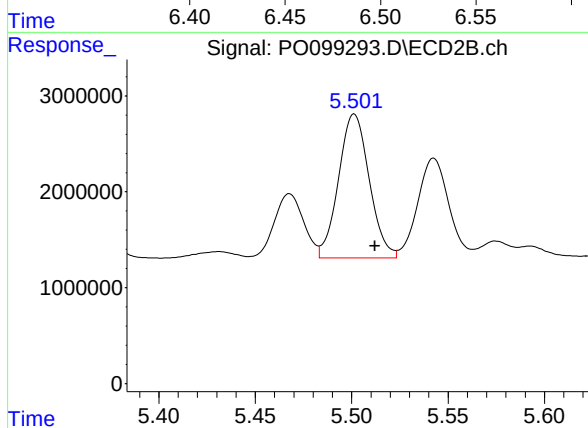
#25 AR-1248-5

R.T.: 5.543 min
Delta R.T.: -0.011 min
Response: 11705725
Conc: 538.98 ng/ml



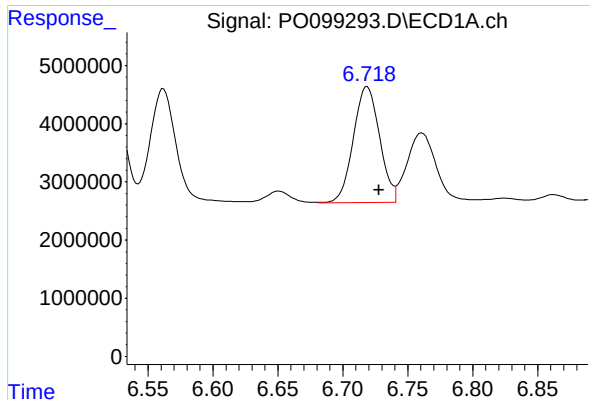
#26 AR-1254-1

R.T.: 6.496 min
Delta R.T.: -0.013 min
Response: 21957879
Conc: 333.57 ng/ml



#26 AR-1254-1

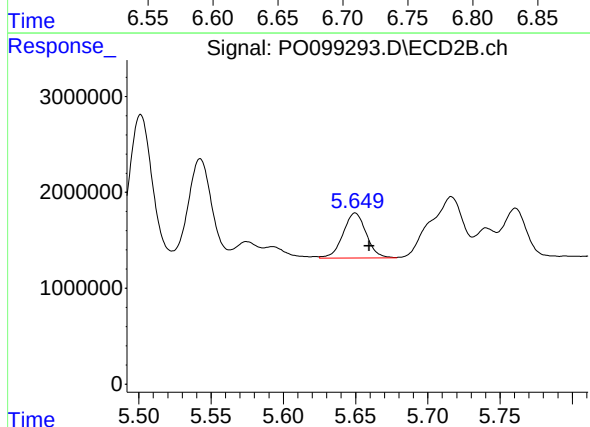
R.T.: 5.501 min
Delta R.T.: -0.011 min
Response: 16694494
Conc: 471.15 ng/ml



#27 AR-1254-2

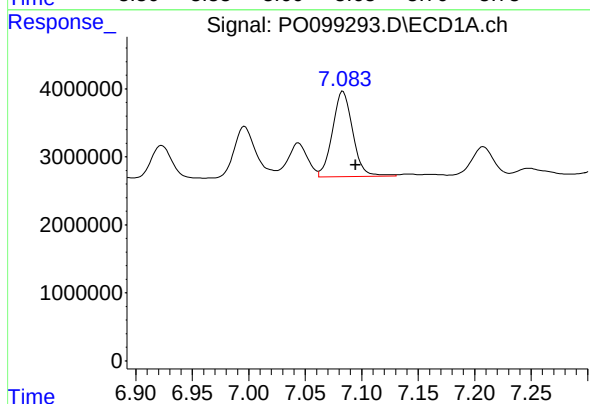
R.T.: 6.719 min
Delta R.T.: -0.009 min
Response: 27962811
Conc: 290.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



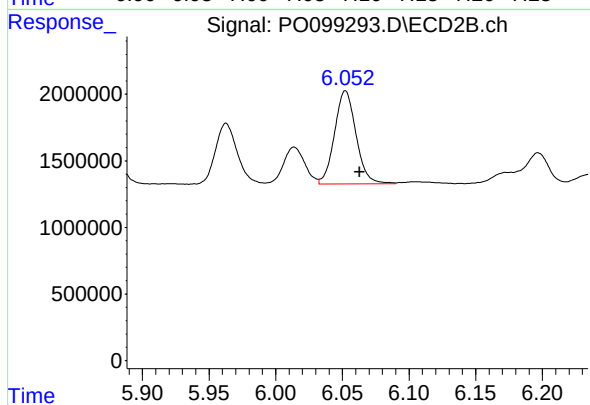
#27 AR-1254-2

R.T.: 5.650 min
Delta R.T.: -0.010 min
Response: 5278124
Conc: 165.02 ng/ml



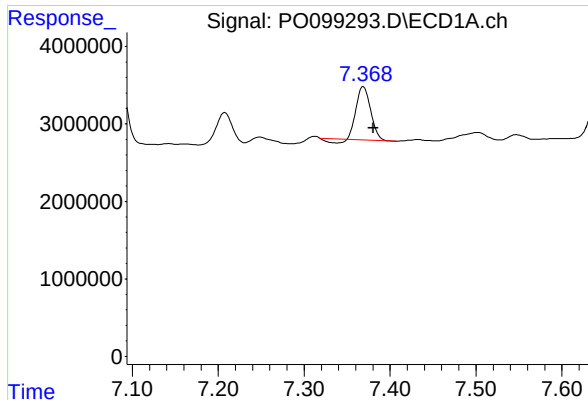
#28 AR-1254-3

R.T.: 7.083 min
Delta R.T.: -0.011 min
Response: 15682673
Conc: 175.45 ng/ml



#28 AR-1254-3

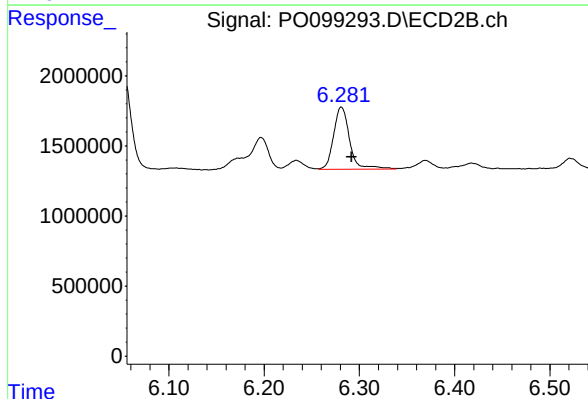
R.T.: 6.052 min
Delta R.T.: -0.011 min
Response: 7869510
Conc: 160.97 ng/ml



#29 AR-1254-4

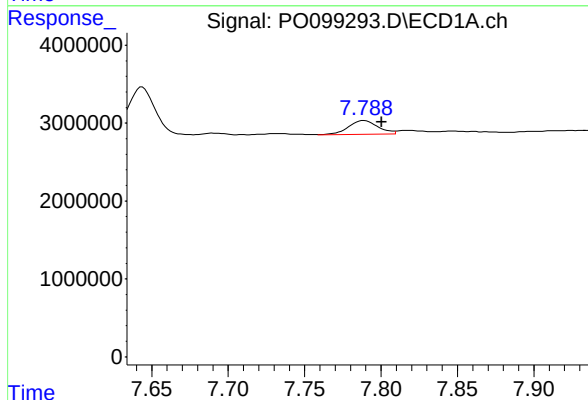
R.T.: 7.369 min
Delta R.T.: -0.011 min
Response: 7640970
Conc: 139.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



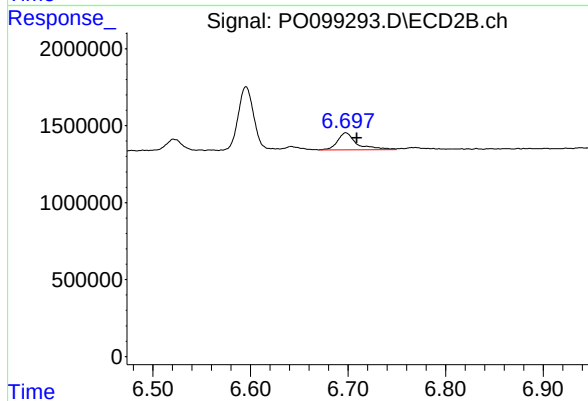
#29 AR-1254-4

R.T.: 6.281 min
Delta R.T.: -0.011 min
Response: 5225599
Conc: 199.40 ng/ml



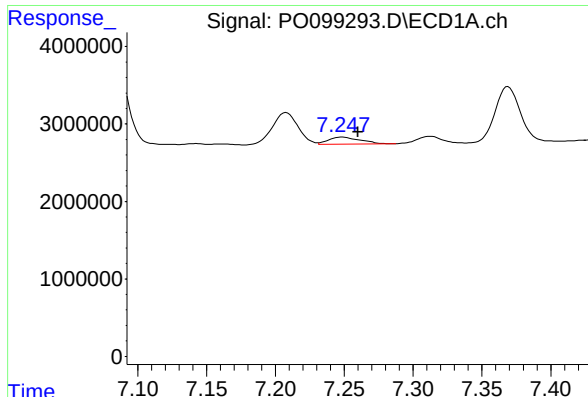
#30 AR-1254-5

R.T.: 7.789 min
Delta R.T.: -0.011 min
Response: 2394539
Conc: 35.56 ng/ml



#30 AR-1254-5

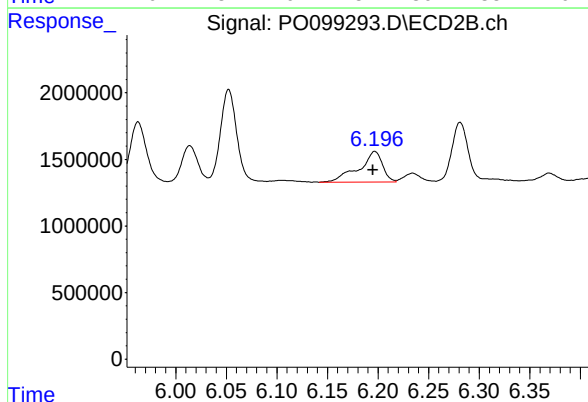
R.T.: 6.698 min
Delta R.T.: -0.011 min
Response: 1554302
Conc: 36.87 ng/ml



#31 AR-1260-1

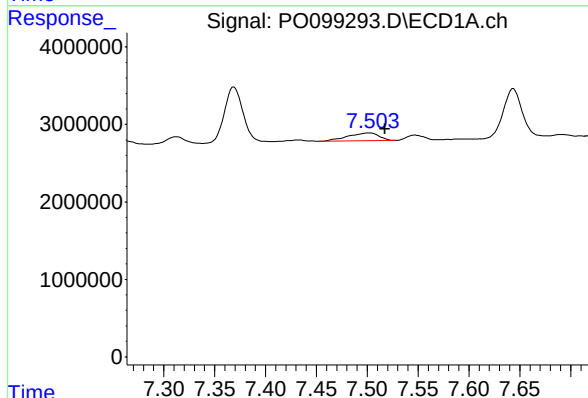
R.T.: 7.248 min
Delta R.T.: -0.012 min
Response: 1488037
Conc: 20.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



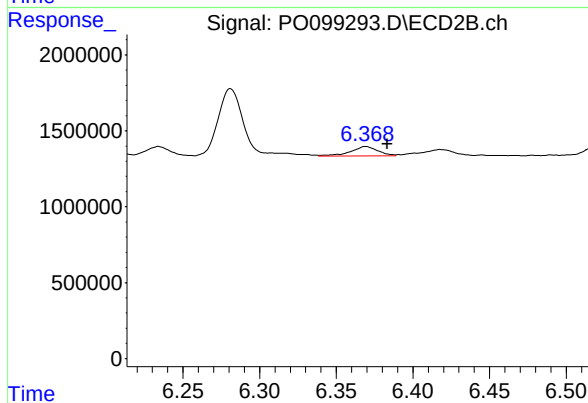
#31 AR-1260-1

R.T.: 6.197 min
Delta R.T.: 0.002 min
Response: 3726908
Conc: 105.65 ng/ml



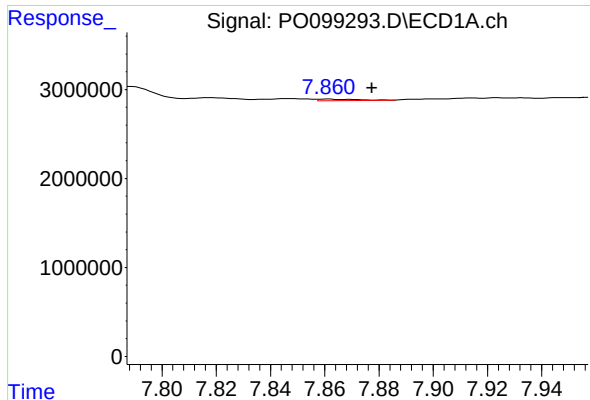
#32 AR-1260-2

R.T.: 7.503 min
Delta R.T.: -0.014 min
Response: 2190300
Conc: 27.76 ng/ml



#32 AR-1260-2

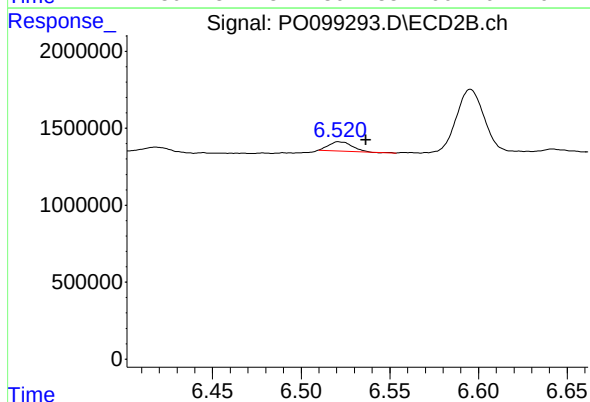
R.T.: 6.369 min
Delta R.T.: -0.014 min
Response: 769265
Conc: 19.19 ng/ml



#33 AR-1260-3

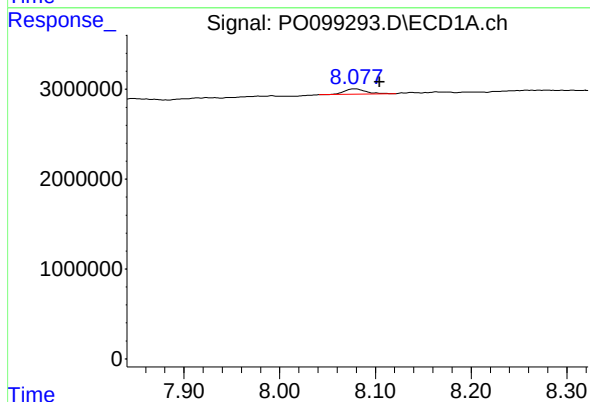
R.T.: 7.861 min
Delta R.T.: -0.016 min
Response: 151010
Conc: 2.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



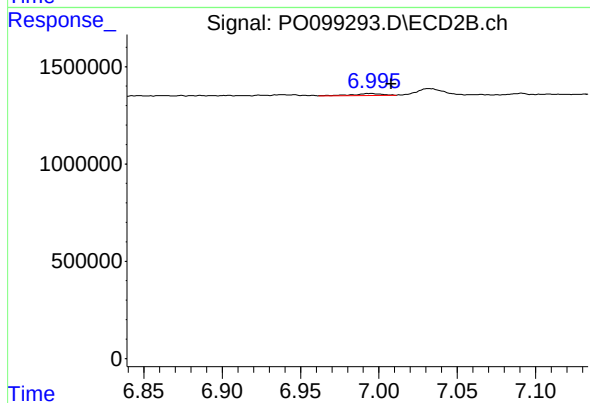
#33 AR-1260-3

R.T.: 6.522 min
Delta R.T.: -0.015 min
Response: 541981
Conc: 14.33 ng/ml



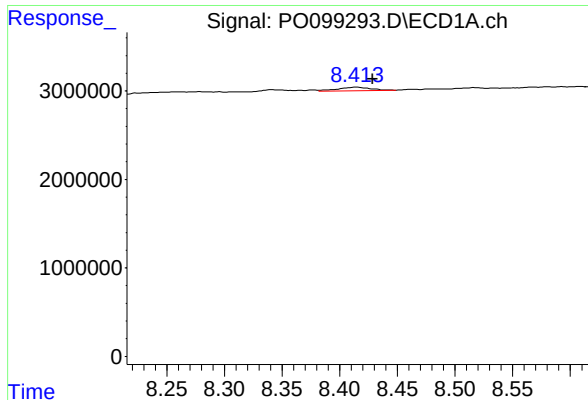
#34 AR-1260-4

R.T.: 8.078 min
Delta R.T.: -0.026 min
Response: 958034
Conc: 15.29 ng/ml



#34 AR-1260-4

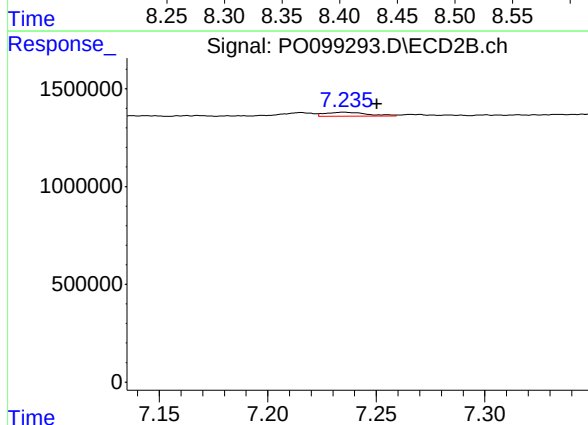
R.T.: 6.995 min
Delta R.T.: -0.013 min
Response: 140164
Conc: 4.85 ng/ml



#35 AR-1260-5

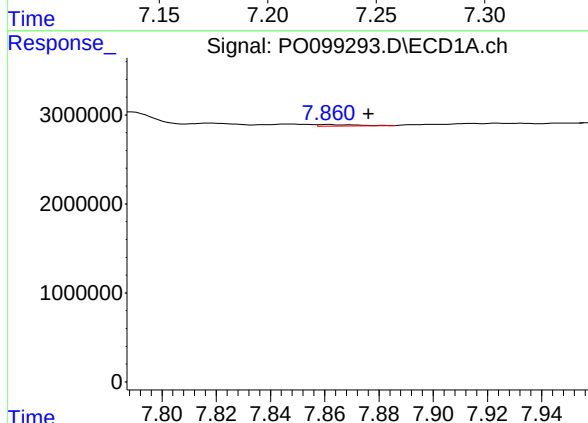
R.T.: 8.414 min
Delta R.T.: -0.015 min
Response: 822980
Conc: 7.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



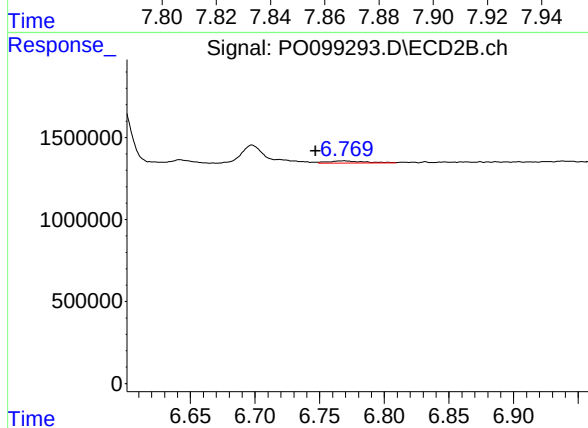
#35 AR-1260-5

R.T.: 7.235 min
Delta R.T.: -0.015 min
Response: 272015
Conc: 4.52 ng/ml



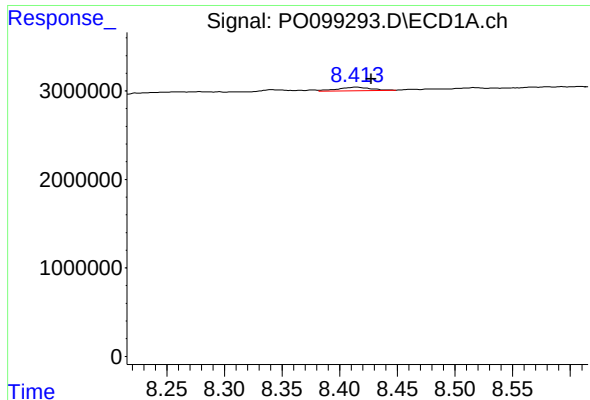
#36 AR-1262-1

R.T.: 7.861 min
Delta R.T.: -0.015 min
Response: 151010
Conc: 1.67 ng/ml



#36 AR-1262-1

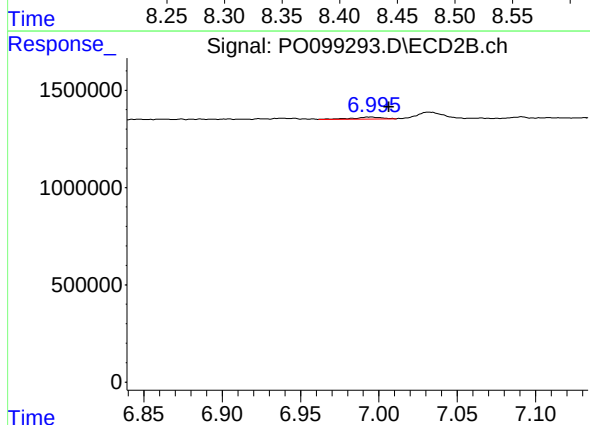
R.T.: 6.768 min
Delta R.T.: 0.022 min
Response: 248658
Conc: 5.30 ng/ml



#37 AR-1262-2

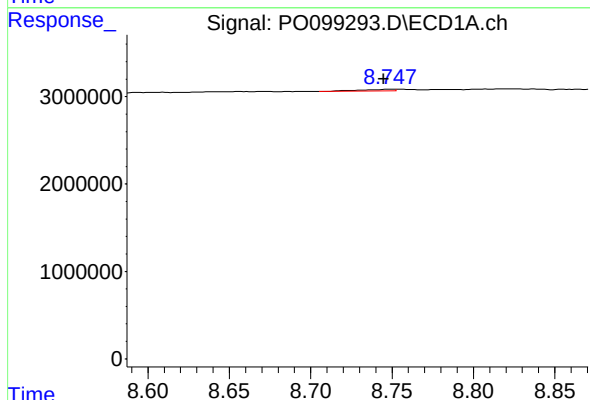
R.T.: 8.414 min
Delta R.T.: -0.014 min
Response: 822980
Conc: 6.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



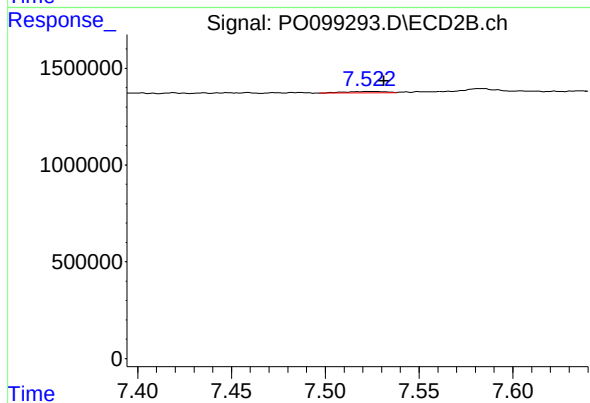
#37 AR-1262-2

R.T.: 6.995 min
Delta R.T.: -0.011 min
Response: 140164
Conc: 3.38 ng/ml



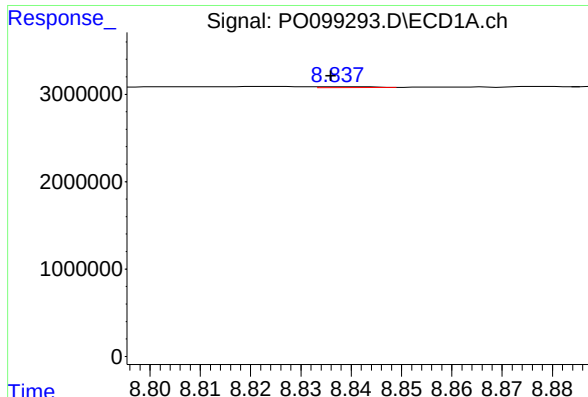
#38 AR-1262-3

R.T.: 8.748 min
Delta R.T.: 0.003 min
Response: 285806
Conc: 2.91 ng/ml



#38 AR-1262-3

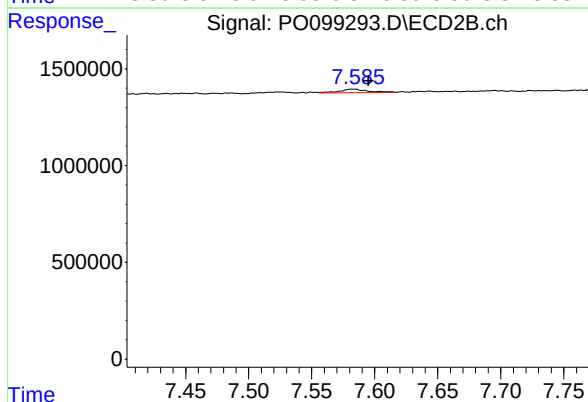
R.T.: 7.523 min
Delta R.T.: -0.008 min
Response: 108627
Conc: 3.40 ng/ml



#39 AR-1262-4

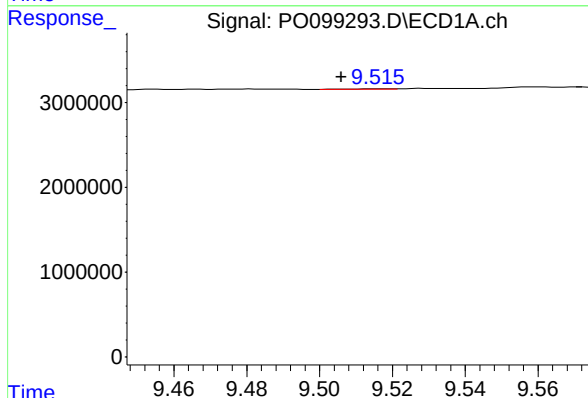
R.T.: 8.837 min
Delta R.T.: 0.002 min
Response: 79370
Conc: 0.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



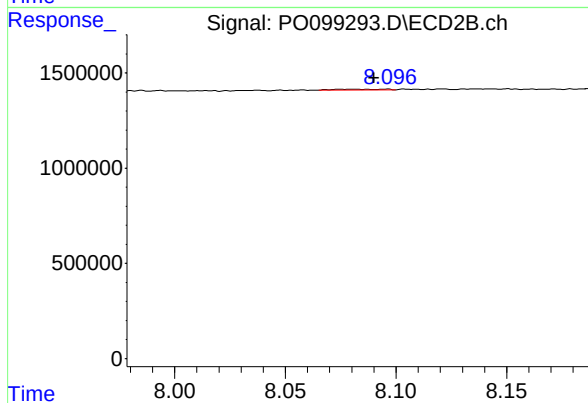
#39 AR-1262-4

R.T.: 7.584 min
Delta R.T.: -0.011 min
Response: 288288
Conc: 5.24 ng/ml



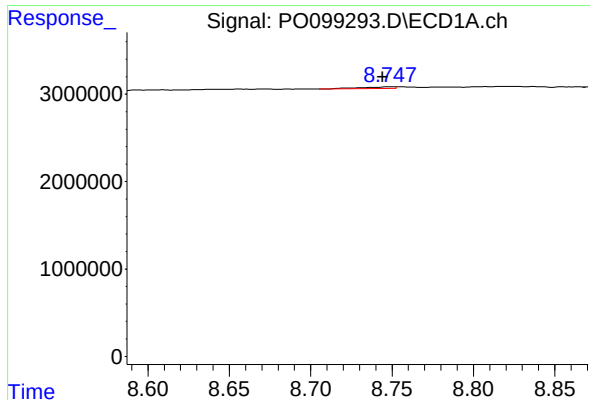
#40 AR-1262-5

R.T.: 9.516 min
Delta R.T.: 0.010 min
Response: 41619
Conc: 0.95 ng/ml



#40 AR-1262-5

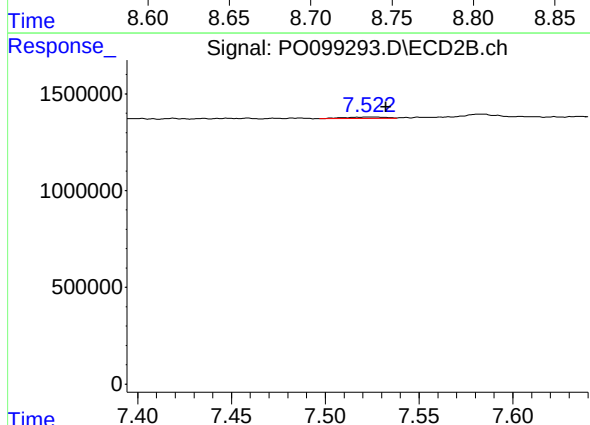
R.T.: 8.096 min
Delta R.T.: 0.006 min
Response: 80276
Conc: 3.20 ng/ml



#41 AR-1268-1

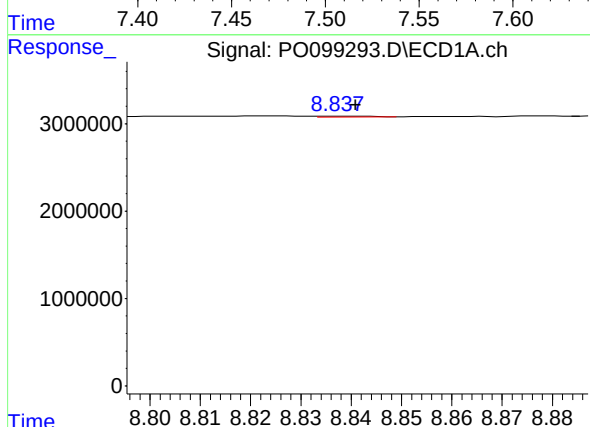
R.T.: 8.748 min
Delta R.T.: 0.004 min
Response: 285806
Conc: 1.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



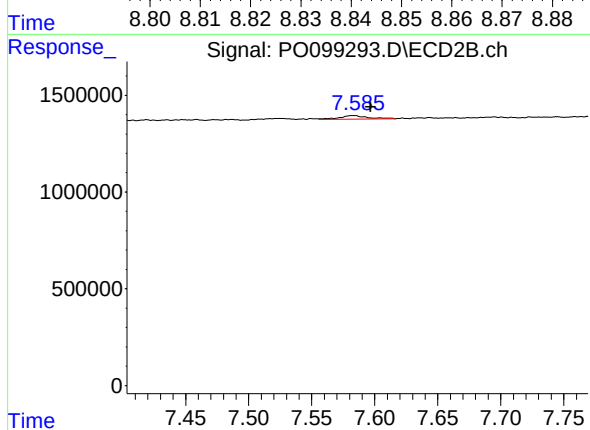
#41 AR-1268-1

R.T.: 7.523 min
Delta R.T.: -0.009 min
Response: 108627
Conc: 1.22 ng/ml



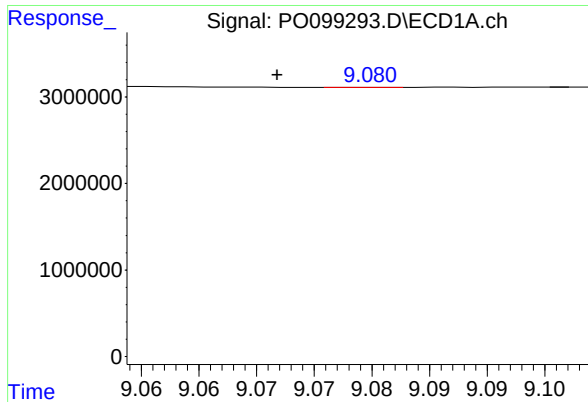
#42 AR-1268-2

R.T.: 8.837 min
Delta R.T.: -0.003 min
Response: 79370
Conc: 0.51 ng/ml



#42 AR-1268-2

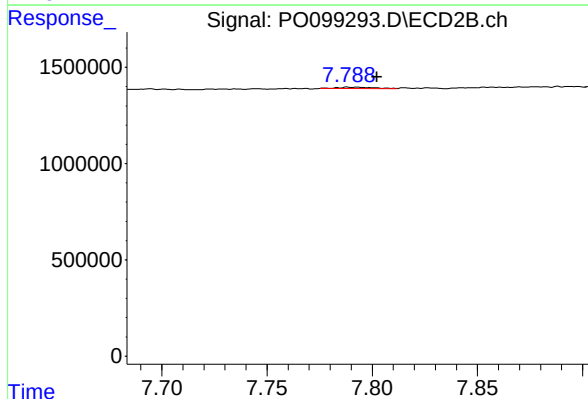
R.T.: 7.584 min
Delta R.T.: -0.013 min
Response: 288288
Conc: 3.65 ng/ml



#43 AR-1268-3

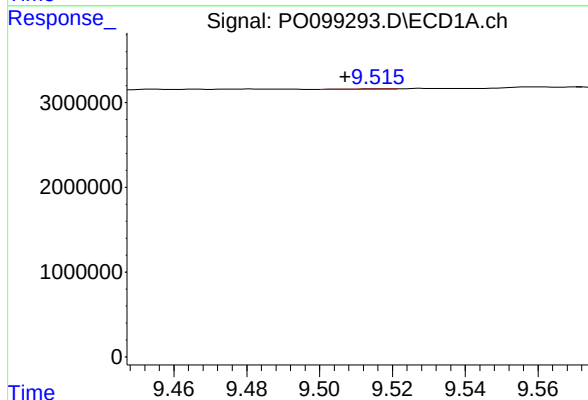
R.T.: 9.080 min
Delta R.T.: 0.008 min
Response: 3395
Conc: 0.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



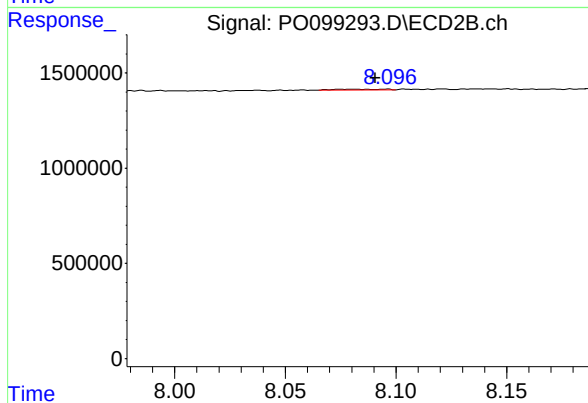
#43 AR-1268-3

R.T.: 7.793 min
Delta R.T.: -0.009 min
Response: 83130
Conc: 1.18 ng/ml



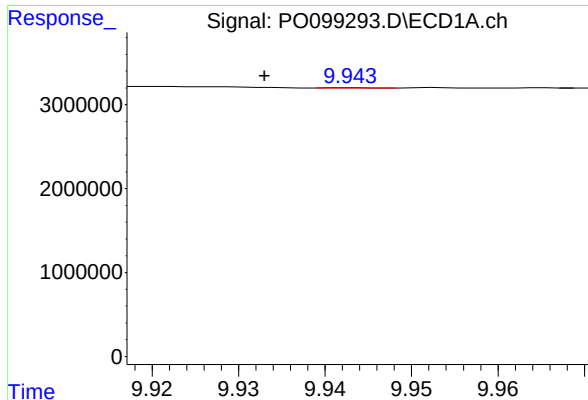
#44 AR-1268-4

R.T.: 9.516 min
Delta R.T.: 0.009 min
Response: 41619
Conc: 0.83 ng/ml



#44 AR-1268-4

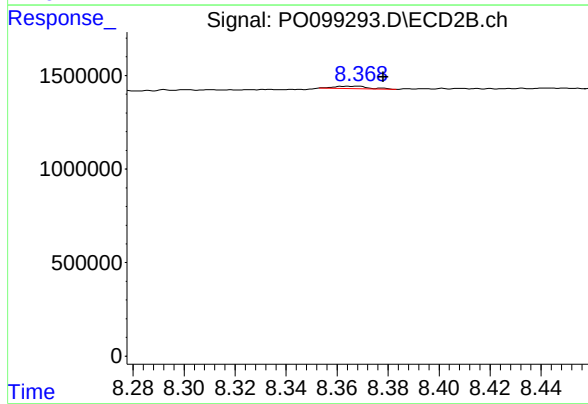
R.T.: 8.096 min
Delta R.T.: 0.005 min
Response: 80276
Conc: 2.91 ng/ml



#45 AR-1268-5

R.T.: 9.943 min
Delta R.T.: 0.010 min
Response: 17933
Conc: 0.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.367 min
Delta R.T.: -0.011 min
Response: 123012
Conc: 0.65 ng/ml