

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0111723\
 Data File : P0099920.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Nov 2023 14:17
 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 17 21:40:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0111323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 14 04:21:47 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...	4.489	3.715	73780564	57433600	43.144	48.622
2)	SA Decachlor...	10.371	8.814	44552992	48402558	47.718	49.313
Target Compounds							
3)	L1 AR-1016-1	5.674	4.819	12567244	8071701	284.060	303.018
4)	L1 AR-1016-2	5.698	4.838	15850407	8240523	232.162	222.227
5)	L1 AR-1016-3	5.760	5.019	8239567	5369669	180.276	271.957 #
6)	L1 AR-1016-4	5.858	5.060	8486720	11283706	245.862	669.489 #
7)	L1 AR-1016-5	6.159	5.277	20584291	13462690	616.841	675.098
8)	L2 AR-1221-1	4.686	3.944	184792	178963	8.801	11.852 #
9)	L2 AR-1221-2	4.799	4.019	1398454	980755	91.043	92.813
10)	L2 AR-1221-3	4.865	4.097	1238886	967589	27.505	31.760
11)	L3 AR-1232-1	4.865	4.097	1238886	967589	33.536	37.755
12)	L3 AR-1232-2	5.402	4.838	6069123	8240523	329.639	462.575 #
13)	L3 AR-1232-3	5.698	5.019	15850407	5369669	502.173	585.779
14)	L3 AR-1232-4	5.858	5.102	8486720	11822503	555.114	1386.658 #
15)	L3 AR-1232-5	5.952	5.277	19047127	13462690	1481.828	1467.234
16)	L4 AR-1242-1	5.674	4.819	12567244	8071701	343.042	351.359
17)	L4 AR-1242-2	5.698	4.838	15850407	8240523	279.838	262.319
18)	L4 AR-1242-3	5.760	5.019	8239567	5369669	217.437	320.852 #
19)	L4 AR-1242-4	5.858	5.102	8486720	11822503	295.914	684.195 #
20)	L4 AR-1242-5	6.606	5.633	19833852	18953992	806.977	952.716
21)	L5 AR-1248-1	5.674	4.819	12567244	8071701	467.657	461.319
22)	L5 AR-1248-2	5.952	5.060	19047127	11283706	448.360	469.452
23)	L5 AR-1248-3	6.159	5.102	20584291	11822503	447.378	478.537
24)	L5 AR-1248-4	6.568	5.277	20088364	13462690	484.287	476.836
25)	L5 AR-1248-5	6.606	5.675	19833852	13202197	486.631	519.498
26)	L6 AR-1254-1	6.540	5.633	15904609	18953992	328.489	457.697 #
27)	L6 AR-1254-2	6.765	5.782	20064736	6136925	284.346	161.599 #
28)	L6 AR-1254-3	7.132	6.191	10988545	9954245	161.867	153.962
29)	L6 AR-1254-4	7.422	6.421	6283910	6382310	158.526	186.256
30)	L6 AR-1254-5	7.846	6.844	1740342	1981576	35.440	32.308
31)	L7 AR-1260-1	7.299	6.339	1126078	4739638	20.181	98.456 #
32)	L7 AR-1260-2	7.557	6.511	795527	940071	13.187	16.576 #
33)	L7 AR-1260-3	7.931	6.667	46705	1131216	1.117	20.464 #
34)	L7 AR-1260-4	8.139	7.142	756485	174151	15.361	3.952 #
35)	L7 AR-1260-5	8.482	7.386	264795	411932	3.156	4.145 #
36)	L8 AR-1262-1	7.846	6.844	1740342	1981576	38.837	60.900 #
37)	L8 AR-1262-2	8.482	7.142	264795	174151	2.570	2.664
38)	L8 AR-1262-3	8.820	7.670	277124	41830	3.778	0.814 #
39)	L8 AR-1262-4	8.907	7.735	42852	331998	0.739	3.726 #
40)	L8 AR-1262-5	9.587	8.241	57162	221625	1.746	5.686 #
41)	L9 AR-1268-1	8.820	7.670	277124	41830	2.084	0.292 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0111723\
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Integration File signal 1: autoint1.e
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 Quant Time: Nov 17 21:40:04 2023
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 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
 Integrator: ChemStation

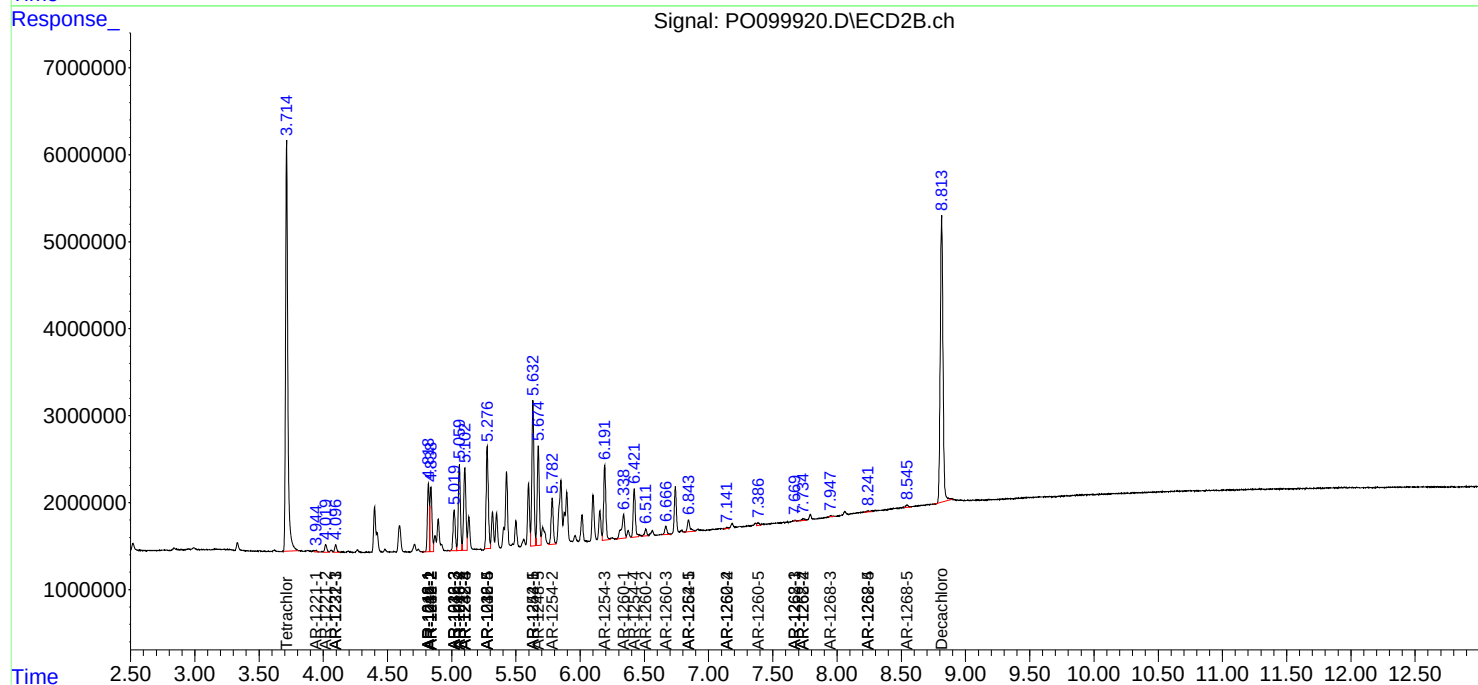
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

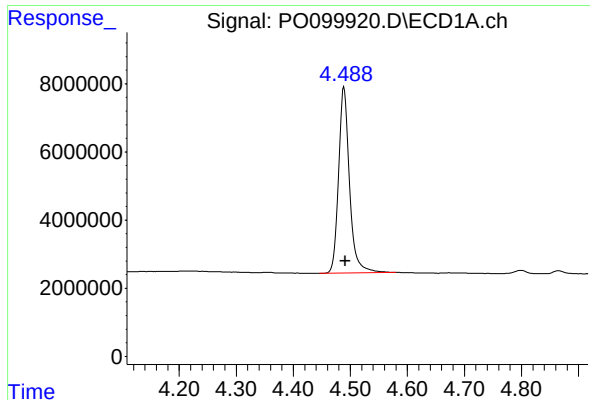
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.907	7.735	42852	331998	0.373	2.549 #
43) L9	AR-1268-3	9.136	7.947	70436	115733	0.647	0.951 #
44) L9	AR-1268-4	9.587	8.241	57162	221625	1.637	5.141 #
45) L9	AR-1268-5	10.016	8.545	227616	349158	0.711	1.004 #

(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

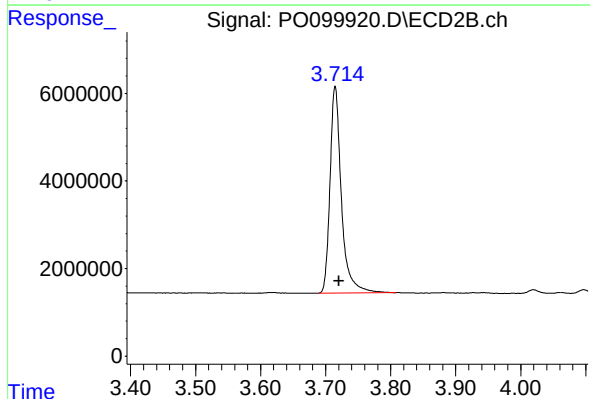




#1 Tetrachloro-m-xylene

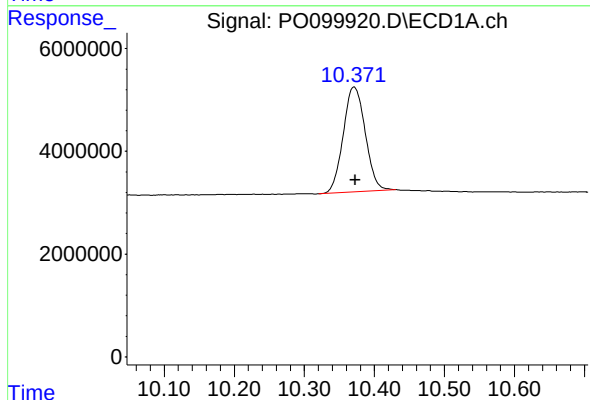
R.T.: 4.489 min
Delta R.T.: -0.002 min
Response: 73780564
Conc: 43.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



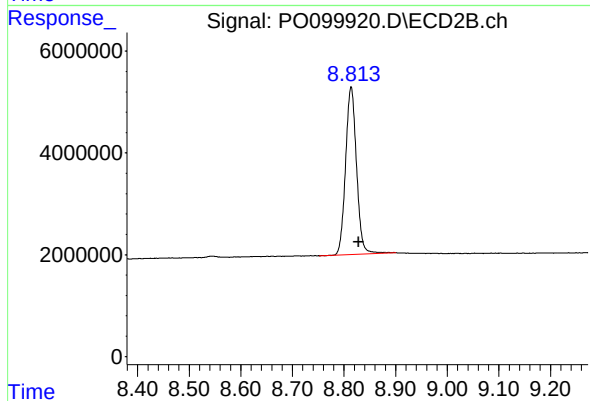
#1 Tetrachloro-m-xylene

R.T.: 3.715 min
Delta R.T.: -0.006 min
Response: 57433600
Conc: 48.62 ng/ml



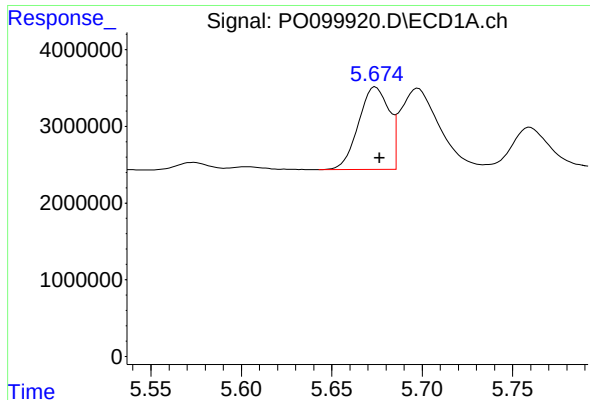
#2 Decachlorobiphenyl

R.T.: 10.371 min
Delta R.T.: -0.002 min
Response: 44552992
Conc: 47.72 ng/ml



#2 Decachlorobiphenyl

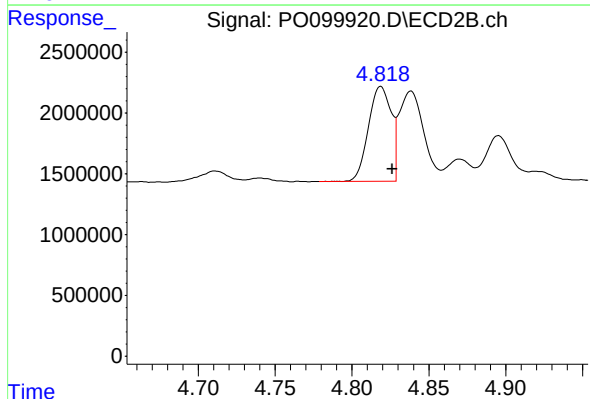
R.T.: 8.814 min
Delta R.T.: -0.015 min
Response: 48402558
Conc: 49.31 ng/ml



#3 AR-1016-1

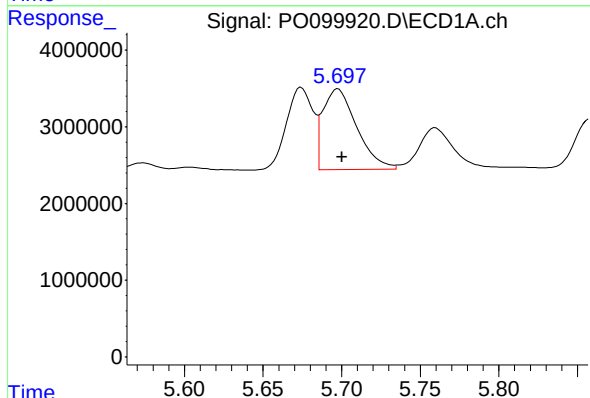
R.T.: 5.674 min
Delta R.T.: -0.002 min
Response: 12567244
Conc: 284.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



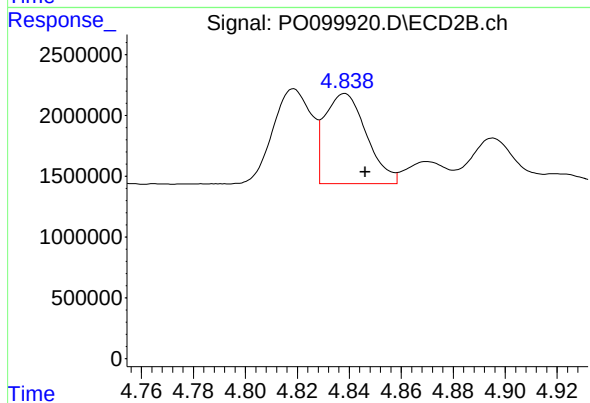
#3 AR-1016-1

R.T.: 4.819 min
Delta R.T.: -0.008 min
Response: 8071701
Conc: 303.02 ng/ml



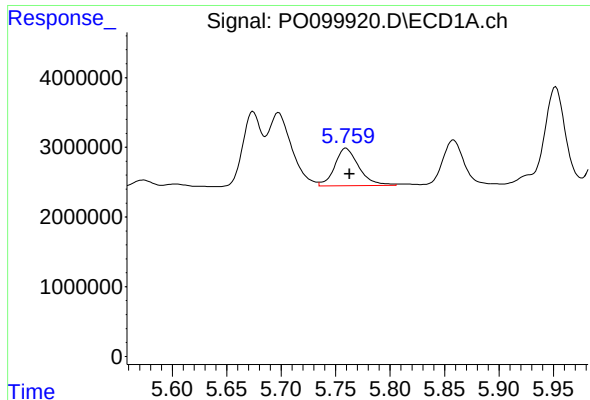
#4 AR-1016-2

R.T.: 5.698 min
Delta R.T.: -0.003 min
Response: 15850407
Conc: 232.16 ng/ml



#4 AR-1016-2

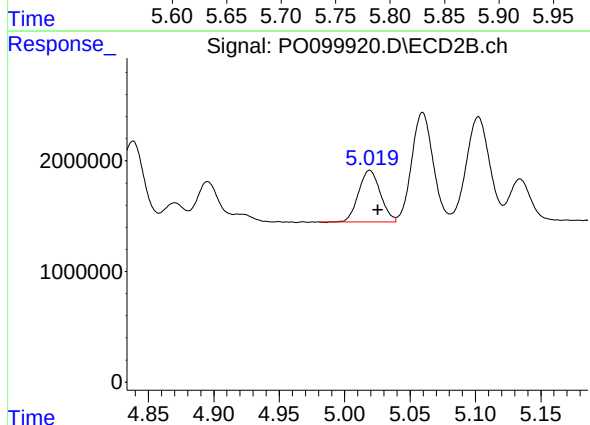
R.T.: 4.838 min
Delta R.T.: -0.008 min
Response: 8240523
Conc: 222.23 ng/ml



#5 AR-1016-3

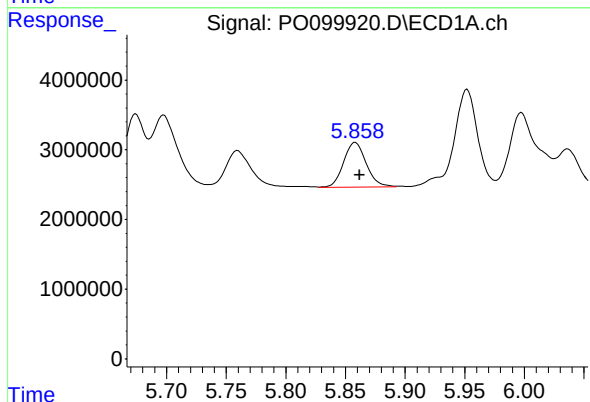
R.T.: 5.760 min
Delta R.T.: -0.003 min
Response: 8239567
Conc: 180.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



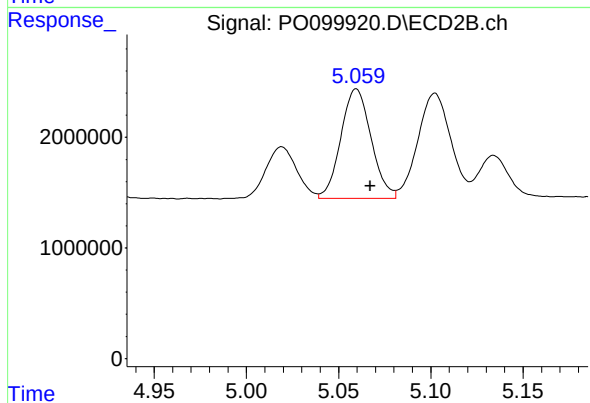
#5 AR-1016-3

R.T.: 5.019 min
Delta R.T.: -0.006 min
Response: 5369669
Conc: 271.96 ng/ml



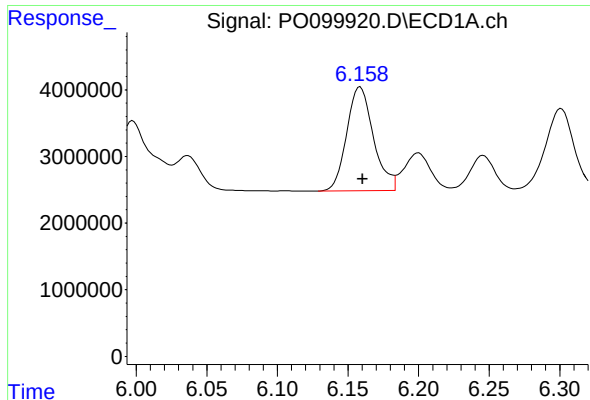
#6 AR-1016-4

R.T.: 5.858 min
Delta R.T.: -0.004 min
Response: 8486720
Conc: 245.86 ng/ml



#6 AR-1016-4

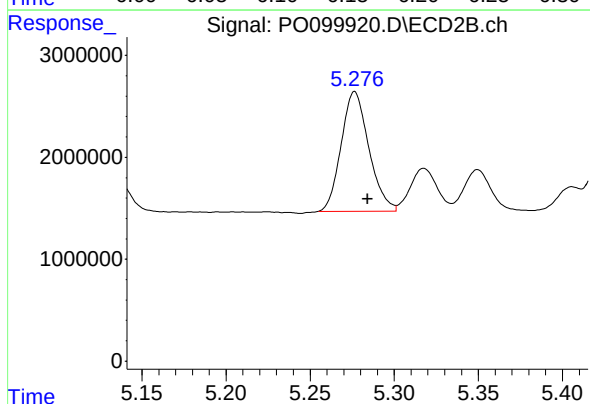
R.T.: 5.060 min
Delta R.T.: -0.008 min
Response: 11283706
Conc: 669.49 ng/ml



#7 AR-1016-5

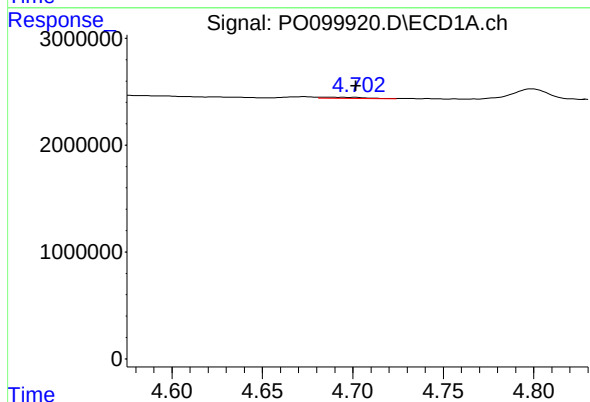
R.T.: 6.159 min
Delta R.T.: -0.002 min
Response: 20584291
Conc: 616.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



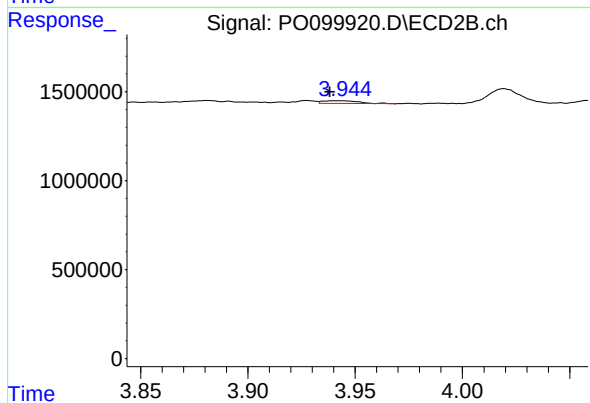
#7 AR-1016-5

R.T.: 5.277 min
Delta R.T.: -0.008 min
Response: 13462690
Conc: 675.10 ng/ml



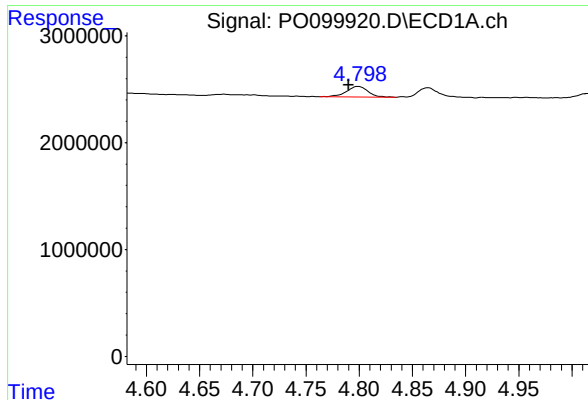
#8 AR-1221-1

R.T.: 4.686 min
Delta R.T.: -0.016 min
Response: 184792
Conc: 8.80 ng/ml



#8 AR-1221-1

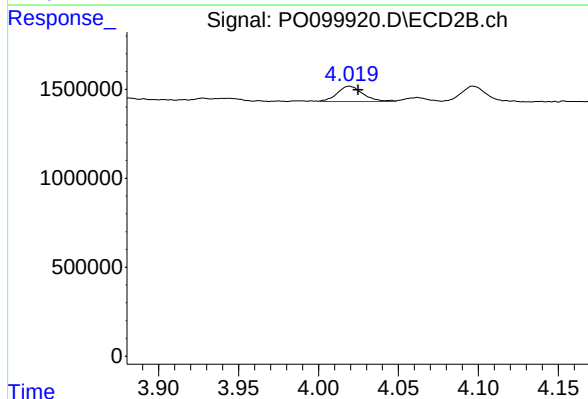
R.T.: 3.944 min
Delta R.T.: 0.005 min
Response: 178963
Conc: 11.85 ng/ml



#9 AR-1221-2

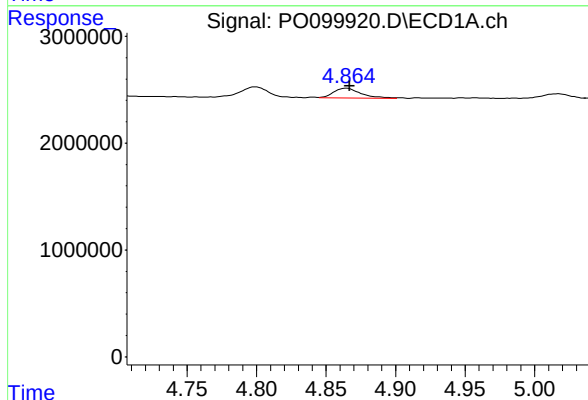
R.T.: 4.799 min
Delta R.T.: 0.009 min
Response: 1398454
Conc: 91.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



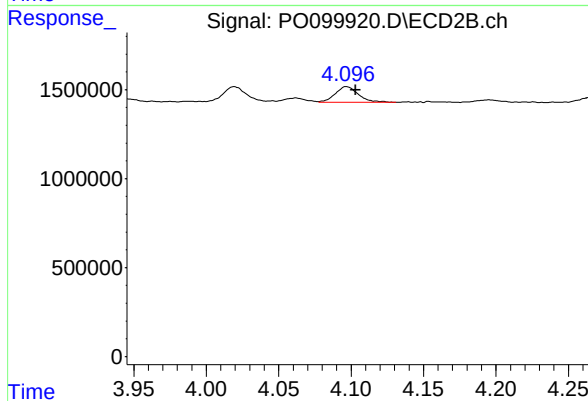
#9 AR-1221-2

R.T.: 4.019 min
Delta R.T.: -0.006 min
Response: 980755
Conc: 92.81 ng/ml



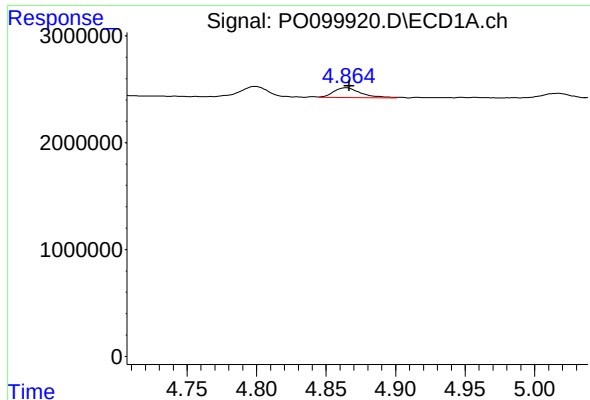
#10 AR-1221-3

R.T.: 4.865 min
Delta R.T.: -0.002 min
Response: 1238886
Conc: 27.51 ng/ml



#10 AR-1221-3

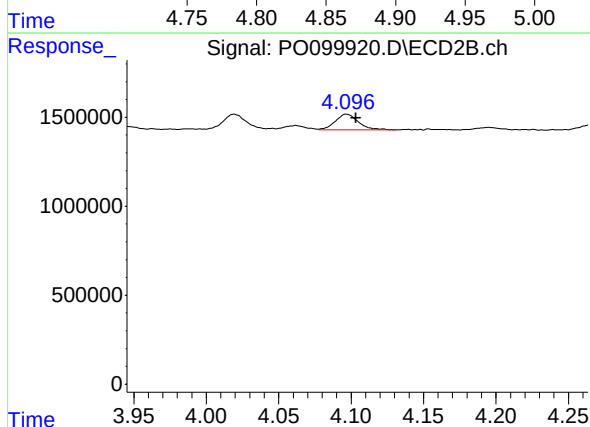
R.T.: 4.097 min
Delta R.T.: -0.006 min
Response: 967589
Conc: 31.76 ng/ml



#11 AR-1232-1

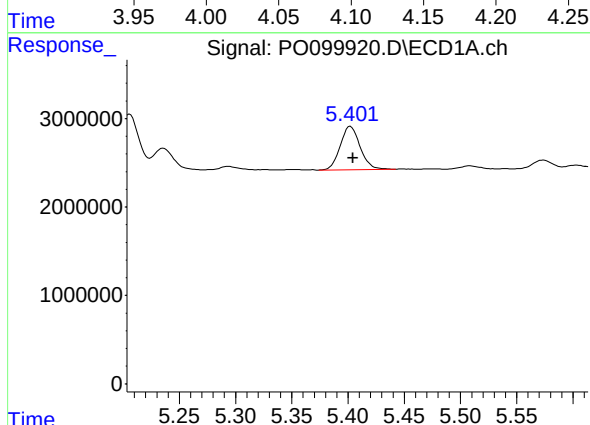
R.T.: 4.865 min
Delta R.T.: -0.002 min
Response: 1238886
Conc: 33.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



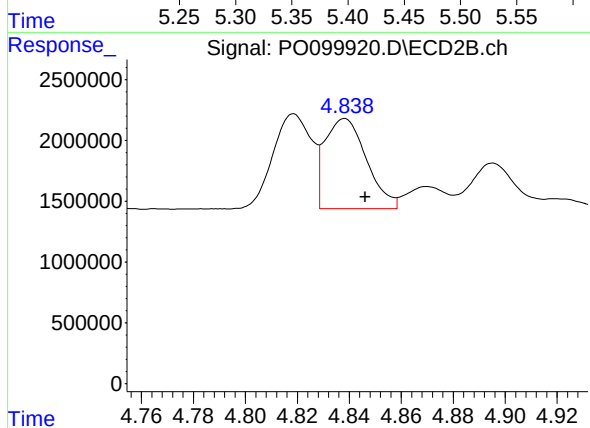
#11 AR-1232-1

R.T.: 4.097 min
Delta R.T.: -0.006 min
Response: 967589
Conc: 37.76 ng/ml



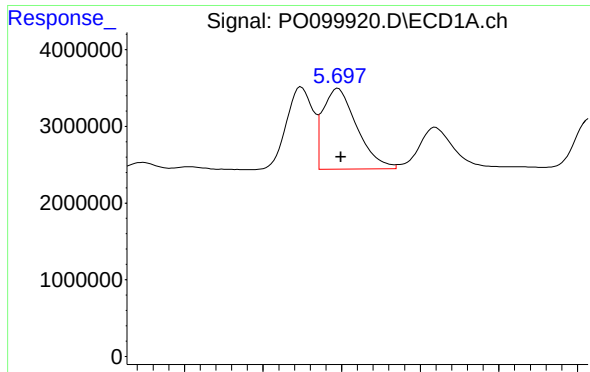
#12 AR-1232-2

R.T.: 5.402 min
Delta R.T.: -0.002 min
Response: 6069123
Conc: 329.64 ng/ml



#12 AR-1232-2

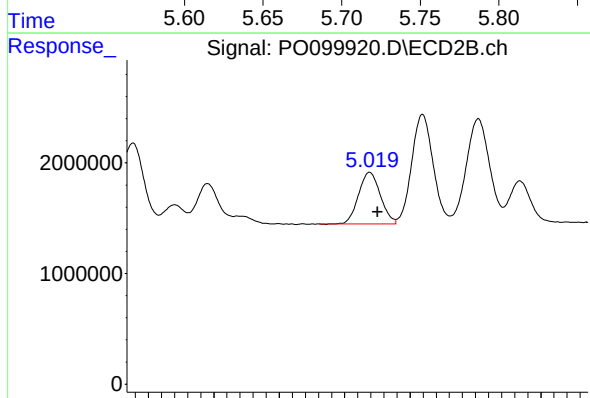
R.T.: 4.838 min
Delta R.T.: -0.008 min
Response: 8240523
Conc: 462.58 ng/ml



#13 AR-1232-3

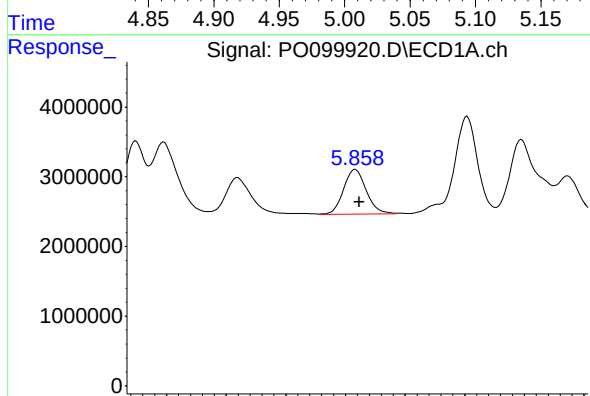
R.T.: 5.698 min
Delta R.T.: -0.002 min
Response: 15850407
Conc: 502.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



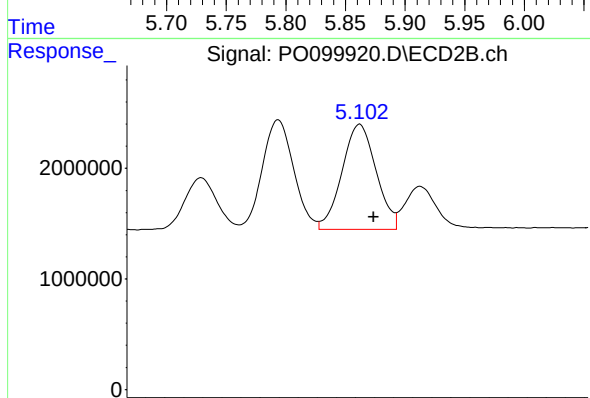
#13 AR-1232-3

R.T.: 5.019 min
Delta R.T.: -0.006 min
Response: 5369669
Conc: 585.78 ng/ml



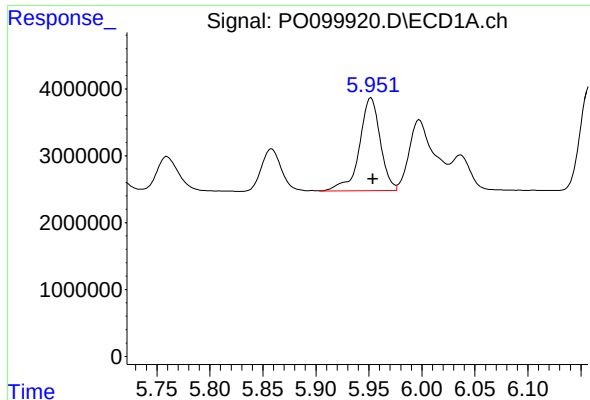
#14 AR-1232-4

R.T.: 5.858 min
Delta R.T.: -0.003 min
Response: 8486720
Conc: 555.11 ng/ml



#14 AR-1232-4

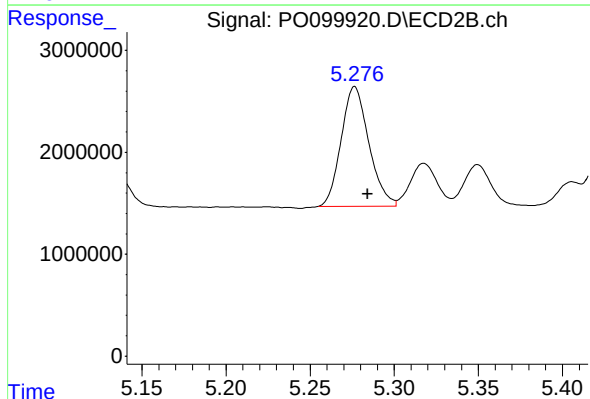
R.T.: 5.102 min
Delta R.T.: -0.007 min
Response: 11822503
Conc: 1386.66 ng/ml



#15 AR-1232-5

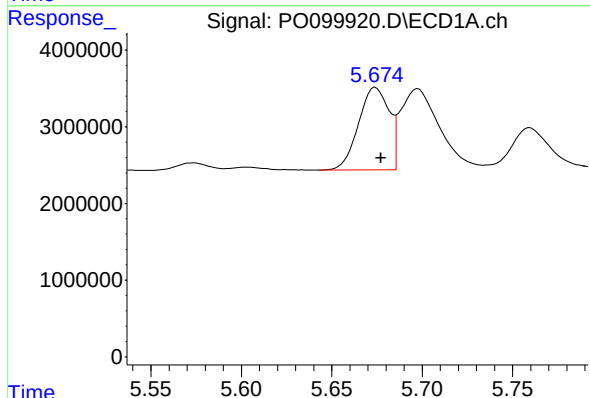
R.T.: 5.952 min
Delta R.T.: -0.002 min
Response: 19047127
Conc: 1481.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



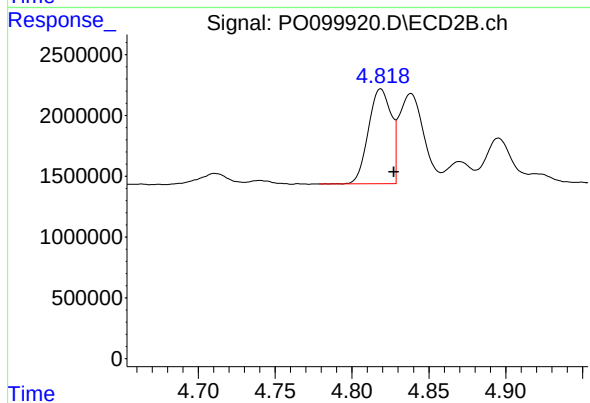
#15 AR-1232-5

R.T.: 5.277 min
Delta R.T.: -0.008 min
Response: 13462690
Conc: 1467.23 ng/ml



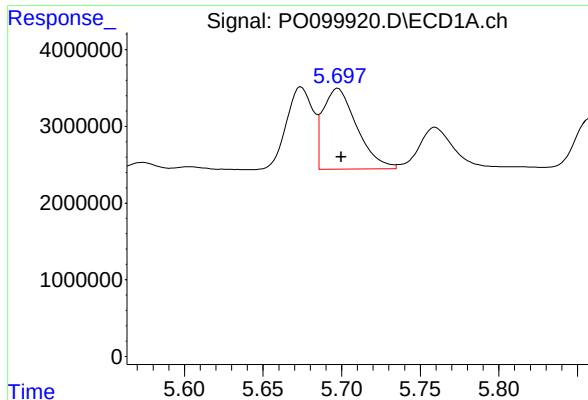
#16 AR-1242-1

R.T.: 5.674 min
Delta R.T.: -0.003 min
Response: 12567244
Conc: 343.04 ng/ml



#16 AR-1242-1

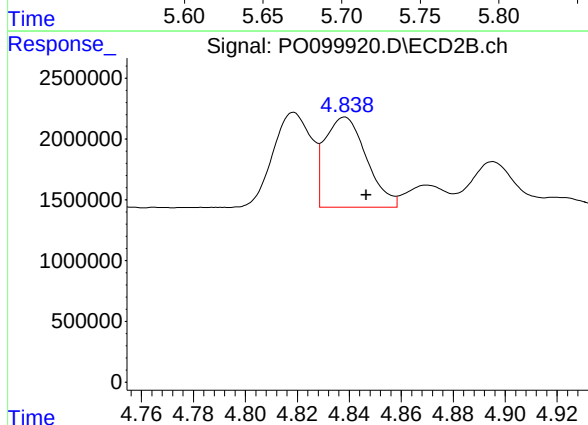
R.T.: 4.819 min
Delta R.T.: -0.009 min
Response: 8071701
Conc: 351.36 ng/ml



#17 AR-1242-2

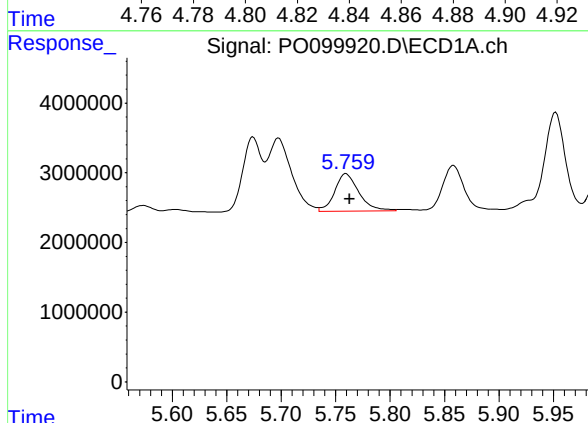
R.T.: 5.698 min
Delta R.T.: -0.002 min
Response: 15850407
Conc: 279.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



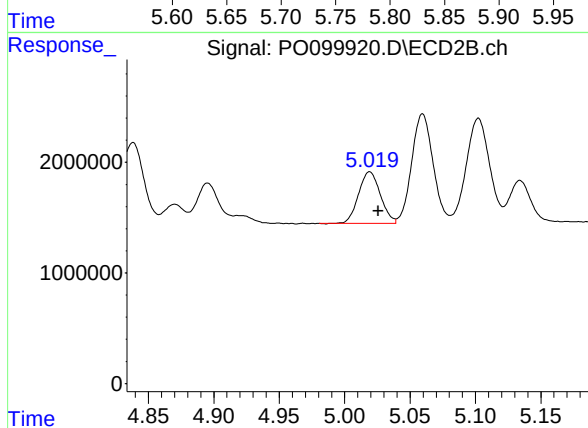
#17 AR-1242-2

R.T.: 4.838 min
Delta R.T.: -0.008 min
Response: 8240523
Conc: 262.32 ng/ml



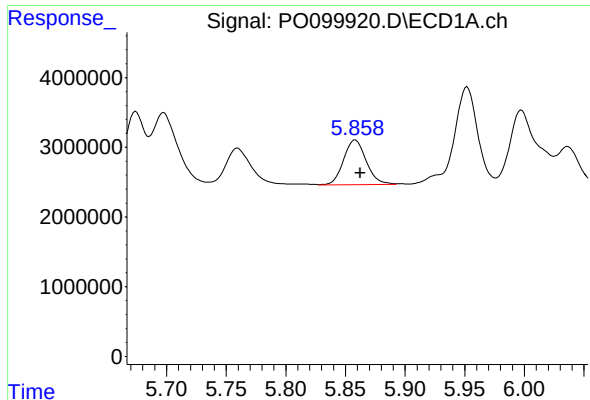
#18 AR-1242-3

R.T.: 5.760 min
Delta R.T.: -0.003 min
Response: 8239567
Conc: 217.44 ng/ml



#18 AR-1242-3

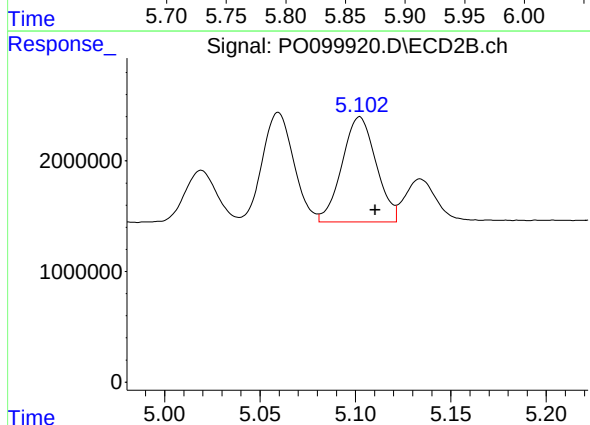
R.T.: 5.019 min
Delta R.T.: -0.007 min
Response: 5369669
Conc: 320.85 ng/ml



#19 AR-1242-4

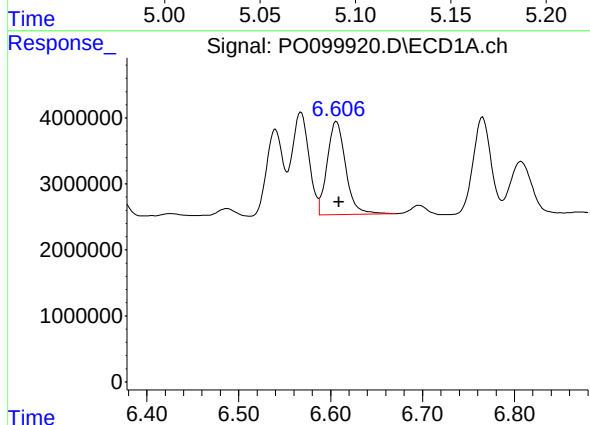
R.T.: 5.858 min
Delta R.T.: -0.004 min
Response: 8486720
Conc: 295.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



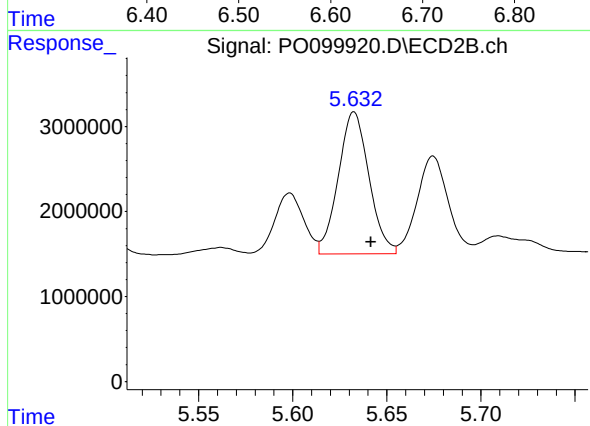
#19 AR-1242-4

R.T.: 5.102 min
Delta R.T.: -0.008 min
Response: 11822503
Conc: 684.20 ng/ml



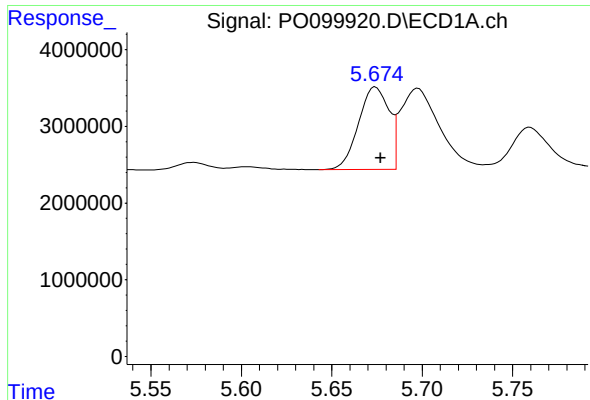
#20 AR-1242-5

R.T.: 6.606 min
Delta R.T.: -0.003 min
Response: 19833852
Conc: 806.98 ng/ml



#20 AR-1242-5

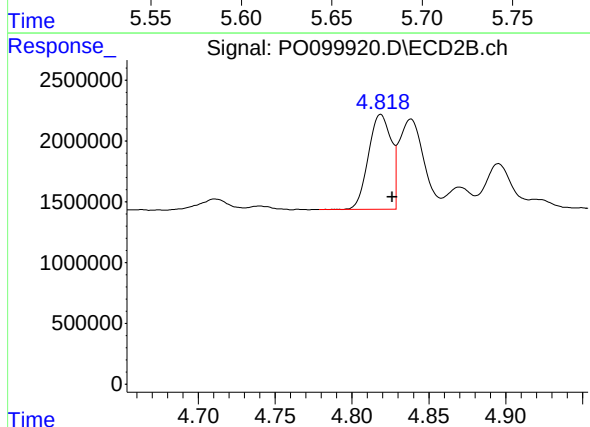
R.T.: 5.633 min
Delta R.T.: -0.009 min
Response: 18953992
Conc: 952.72 ng/ml



#21 AR-1248-1

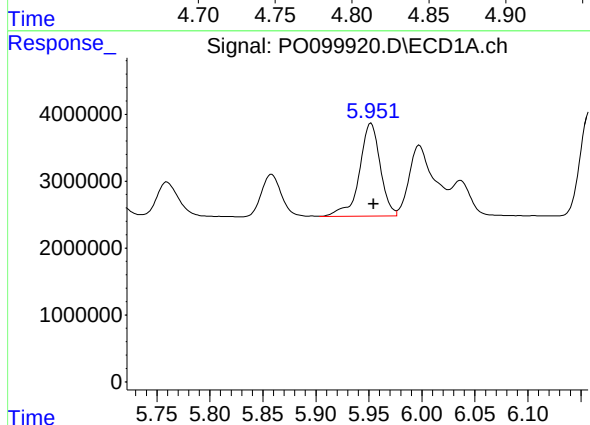
R.T.: 5.674 min
Delta R.T.: -0.003 min
Response: 12567244
Conc: 467.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



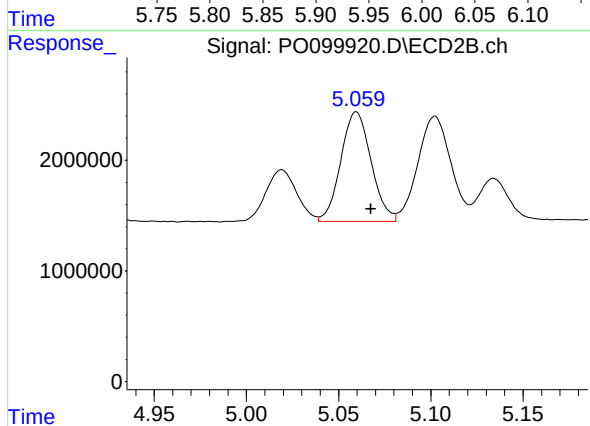
#21 AR-1248-1

R.T.: 4.819 min
Delta R.T.: -0.008 min
Response: 8071701
Conc: 461.32 ng/ml



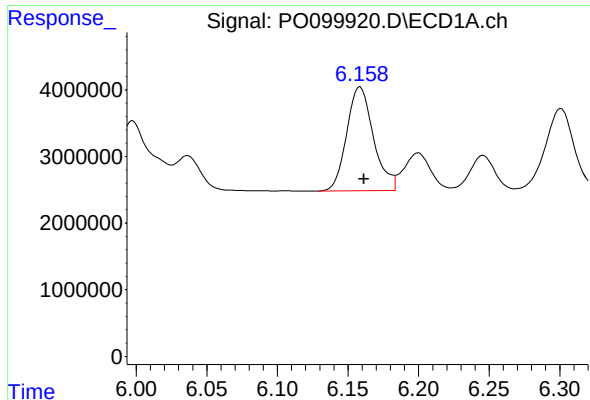
#22 AR-1248-2

R.T.: 5.952 min
Delta R.T.: -0.003 min
Response: 19047127
Conc: 448.36 ng/ml



#22 AR-1248-2

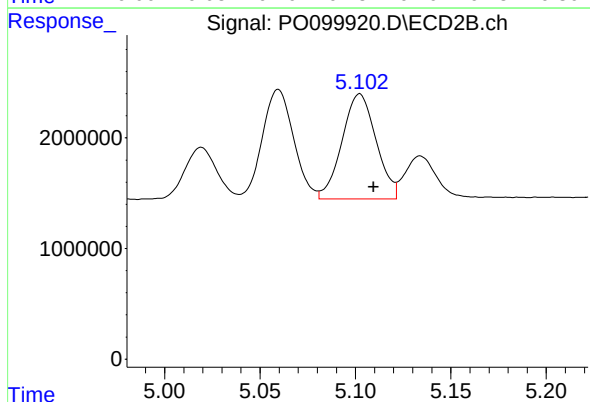
R.T.: 5.060 min
Delta R.T.: -0.008 min
Response: 11283706
Conc: 469.45 ng/ml



#23 AR-1248-3

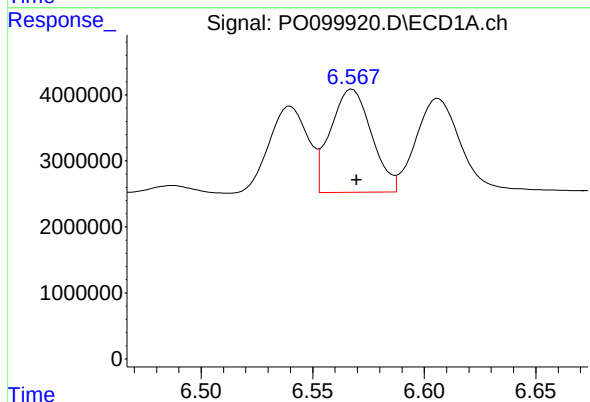
R.T.: 6.159 min
Delta R.T.: -0.003 min
Response: 20584291
Conc: 447.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



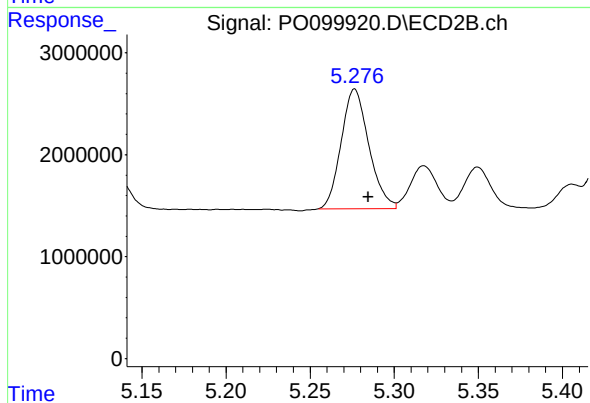
#23 AR-1248-3

R.T.: 5.102 min
Delta R.T.: -0.007 min
Response: 11822503
Conc: 478.54 ng/ml



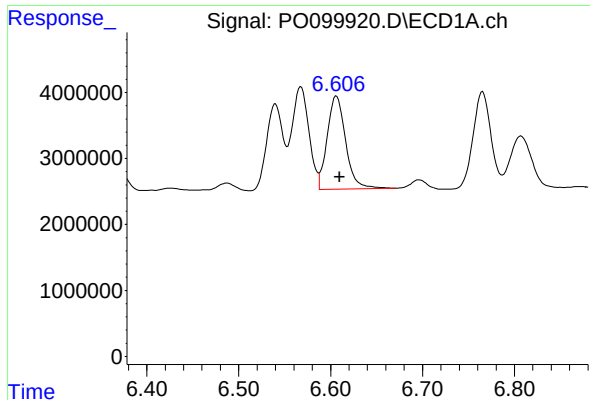
#24 AR-1248-4

R.T.: 6.568 min
Delta R.T.: -0.002 min
Response: 20088364
Conc: 484.29 ng/ml



#24 AR-1248-4

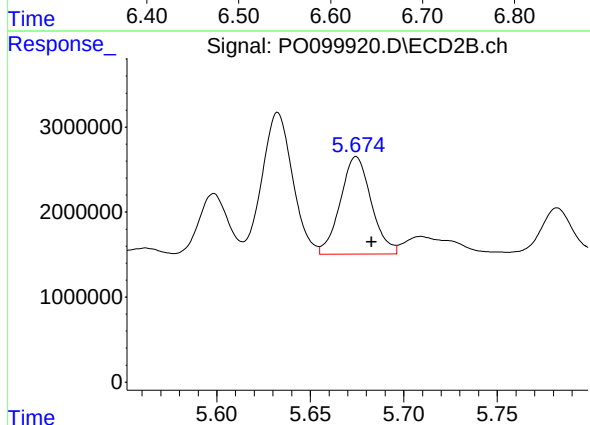
R.T.: 5.277 min
Delta R.T.: -0.008 min
Response: 13462690
Conc: 476.84 ng/ml



#25 AR-1248-5

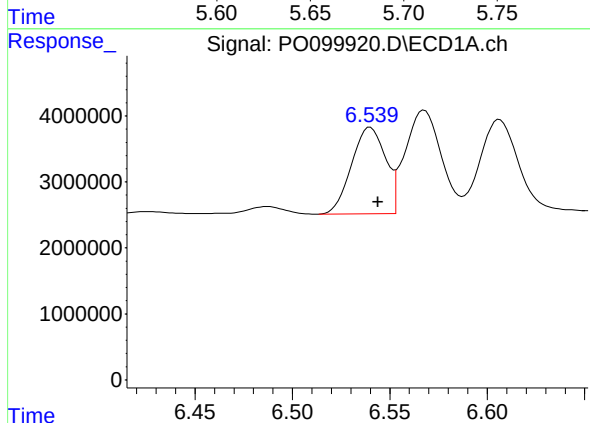
R.T.: 6.606 min
Delta R.T.: -0.003 min
Response: 19833852
Conc: 486.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



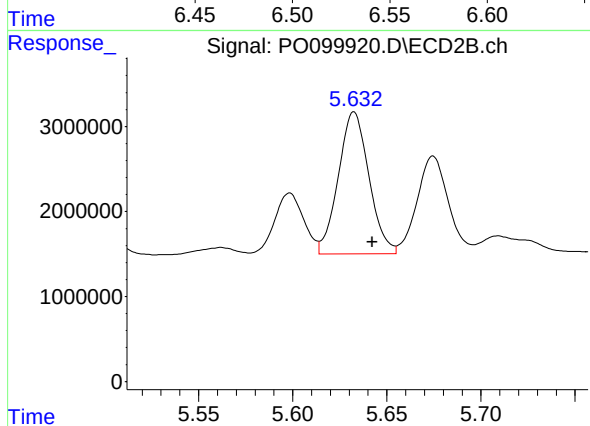
#25 AR-1248-5

R.T.: 5.675 min
Delta R.T.: -0.008 min
Response: 13202197
Conc: 519.50 ng/ml



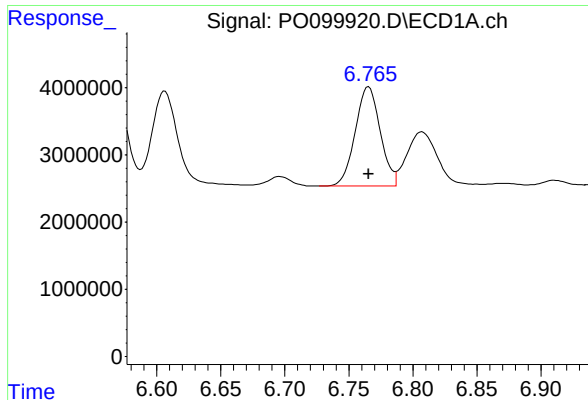
#26 AR-1254-1

R.T.: 6.540 min
Delta R.T.: -0.004 min
Response: 15904609
Conc: 328.49 ng/ml



#26 AR-1254-1

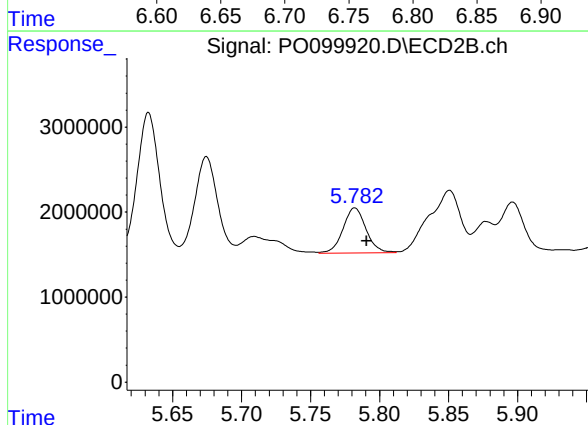
R.T.: 5.633 min
Delta R.T.: -0.010 min
Response: 18953992
Conc: 457.70 ng/ml



#27 AR-1254-2

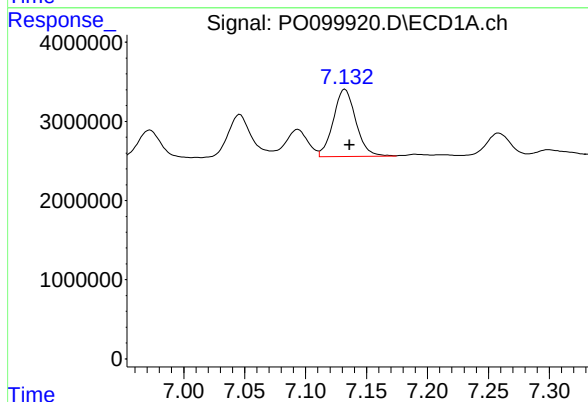
R.T.: 6.765 min
Delta R.T.: 0.000 min
Response: 20064736
Conc: 284.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



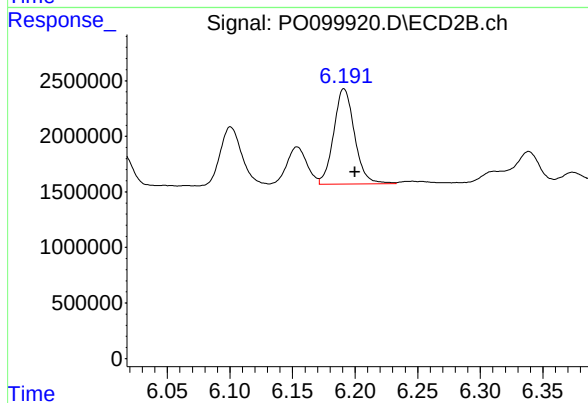
#27 AR-1254-2

R.T.: 5.782 min
Delta R.T.: -0.009 min
Response: 6136925
Conc: 161.60 ng/ml



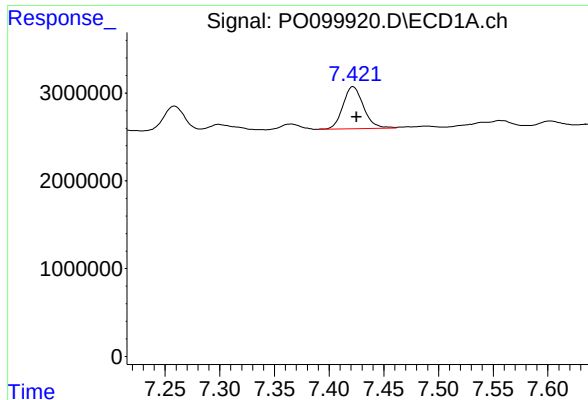
#28 AR-1254-3

R.T.: 7.132 min
Delta R.T.: -0.004 min
Response: 10988545
Conc: 161.87 ng/ml



#28 AR-1254-3

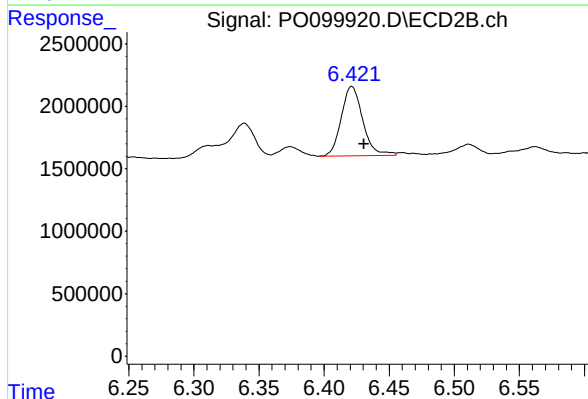
R.T.: 6.191 min
Delta R.T.: -0.009 min
Response: 9954245
Conc: 153.96 ng/ml



#29 AR-1254-4

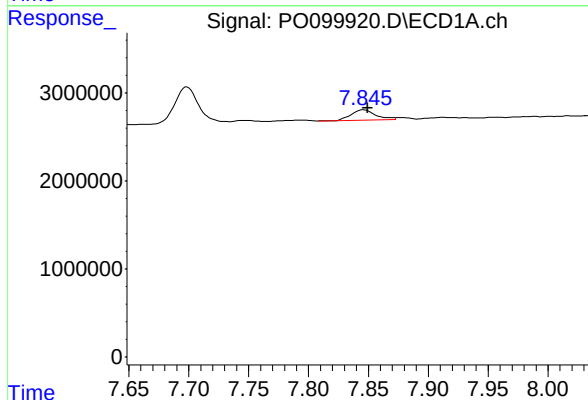
R.T.: 7.422 min
Delta R.T.: -0.003 min
Response: 6283910
Conc: 158.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



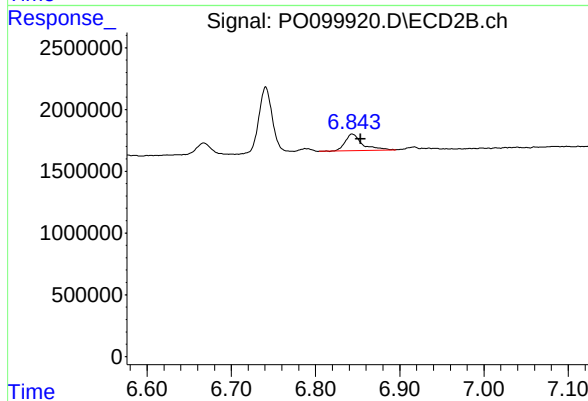
#29 AR-1254-4

R.T.: 6.421 min
Delta R.T.: -0.009 min
Response: 6382310
Conc: 186.26 ng/ml



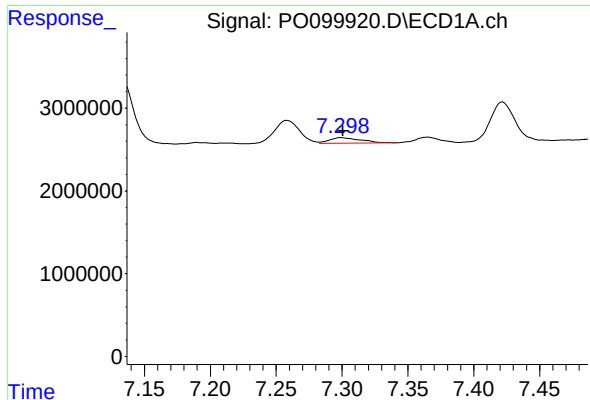
#30 AR-1254-5

R.T.: 7.846 min
Delta R.T.: -0.004 min
Response: 1740342
Conc: 35.44 ng/ml



#30 AR-1254-5

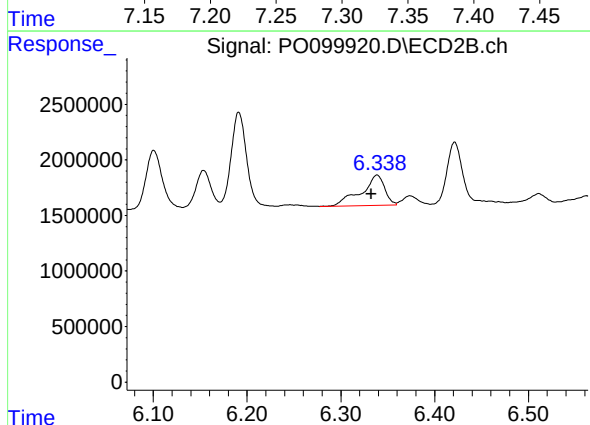
R.T.: 6.844 min
Delta R.T.: -0.010 min
Response: 1981576
Conc: 32.31 ng/ml



#31 AR-1260-1

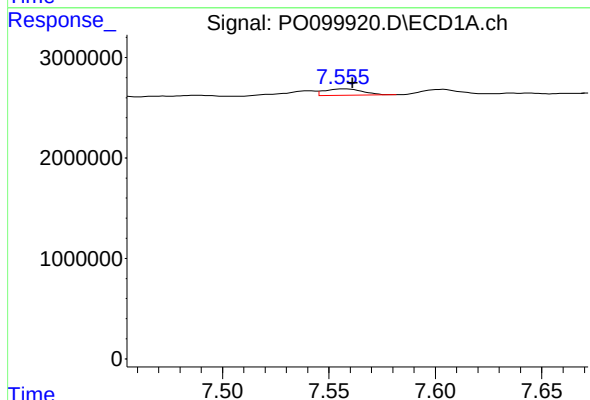
R.T.: 7.299 min
Delta R.T.: -0.002 min
Response: 1126078
Conc: 20.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



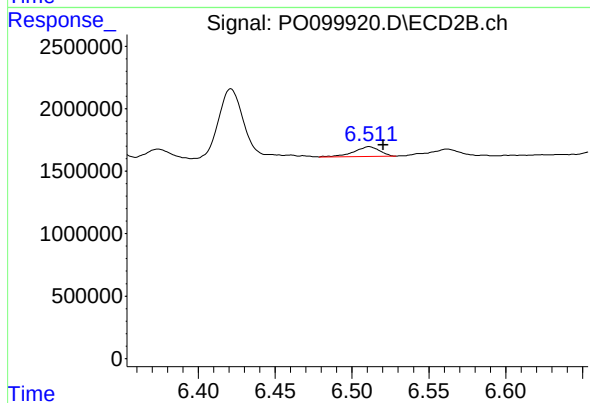
#31 AR-1260-1

R.T.: 6.339 min
Delta R.T.: 0.006 min
Response: 4739638
Conc: 98.46 ng/ml



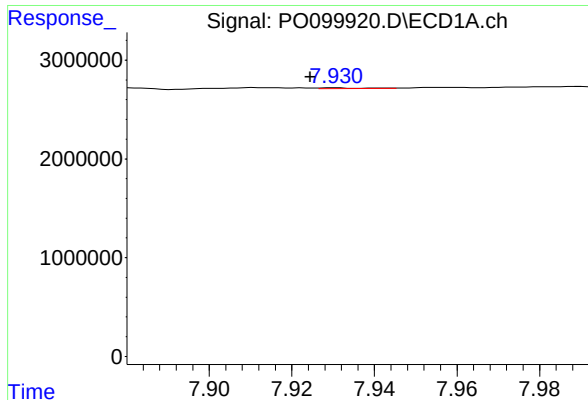
#32 AR-1260-2

R.T.: 7.557 min
Delta R.T.: -0.004 min
Response: 795527
Conc: 13.19 ng/ml



#32 AR-1260-2

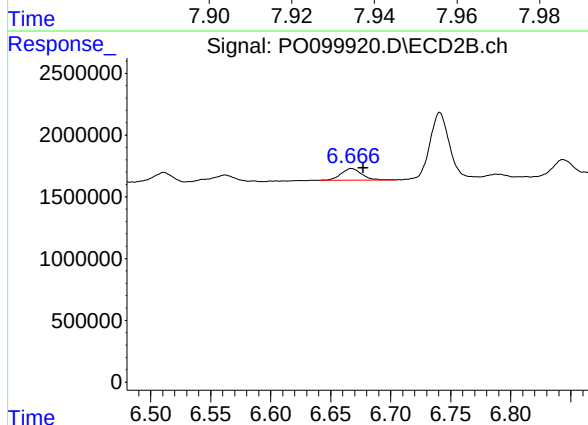
R.T.: 6.511 min
Delta R.T.: -0.009 min
Response: 940071
Conc: 16.58 ng/ml



#33 AR-1260-3

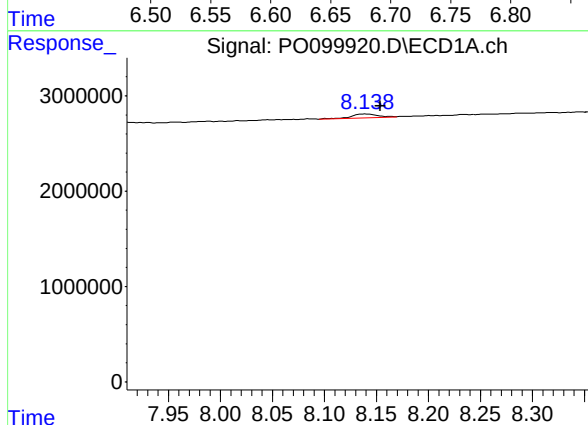
R.T.: 7.931 min
Delta R.T.: 0.006 min
Response: 46705
Conc: 1.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



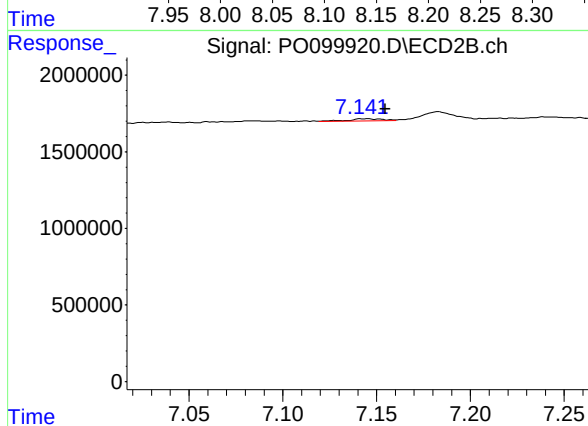
#33 AR-1260-3

R.T.: 6.667 min
Delta R.T.: -0.010 min
Response: 1131216
Conc: 20.46 ng/ml



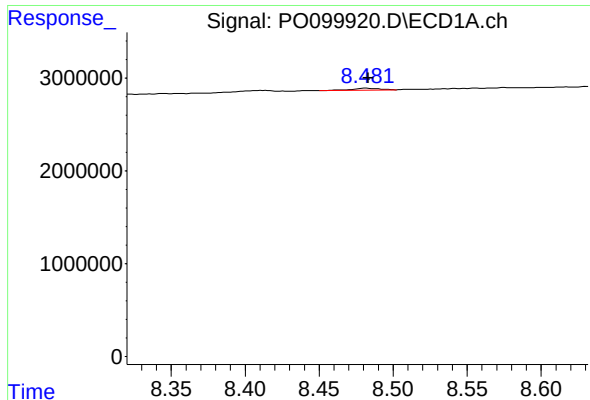
#34 AR-1260-4

R.T.: 8.139 min
Delta R.T.: -0.014 min
Response: 756485
Conc: 15.36 ng/ml



#34 AR-1260-4

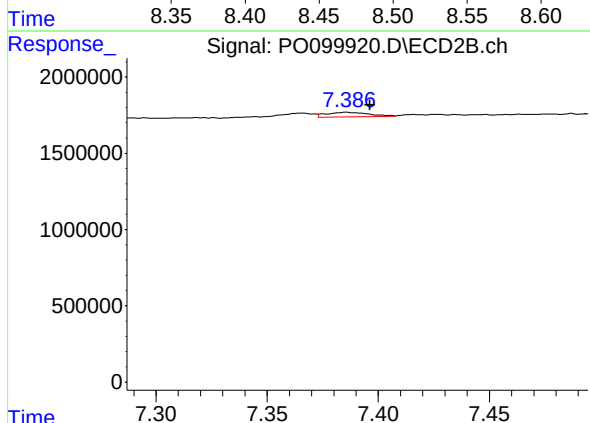
R.T.: 7.142 min
Delta R.T.: -0.013 min
Response: 174151
Conc: 3.95 ng/ml



#35 AR-1260-5

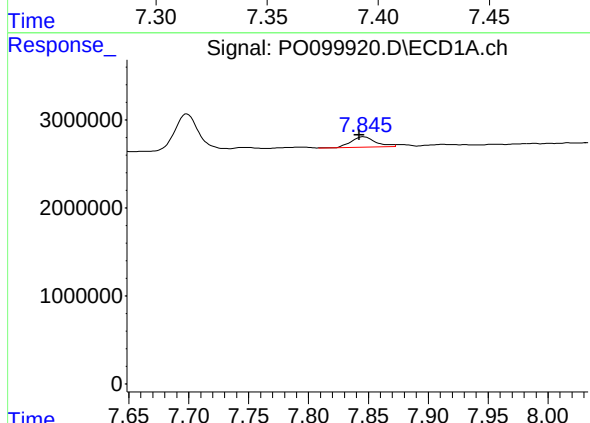
R.T.: 8.482 min
Delta R.T.: -0.001 min
Response: 264795
Conc: 3.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



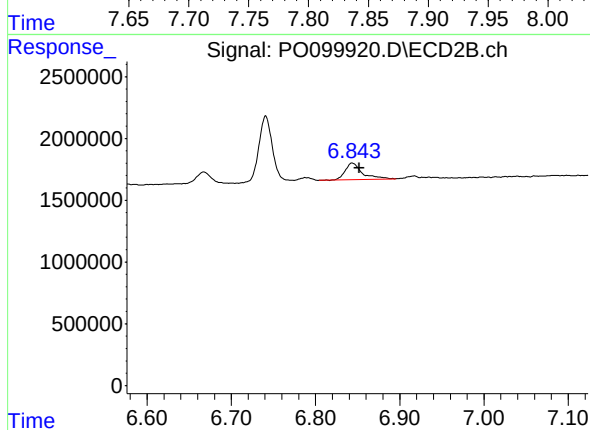
#35 AR-1260-5

R.T.: 7.386 min
Delta R.T.: -0.010 min
Response: 411932
Conc: 4.14 ng/ml



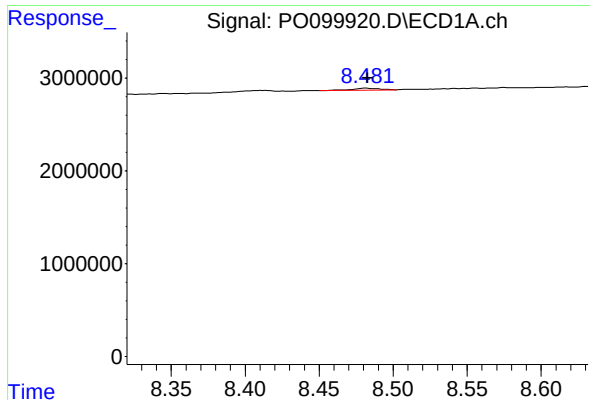
#36 AR-1262-1

R.T.: 7.846 min
Delta R.T.: 0.003 min
Response: 1740342
Conc: 38.84 ng/ml



#36 AR-1262-1

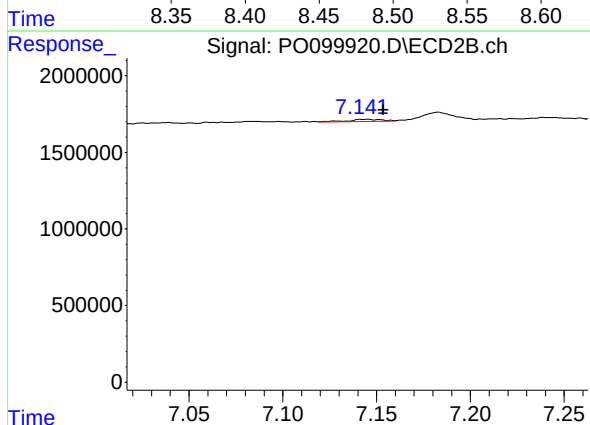
R.T.: 6.844 min
Delta R.T.: -0.008 min
Response: 1981576
Conc: 60.90 ng/ml



#37 AR-1262-2

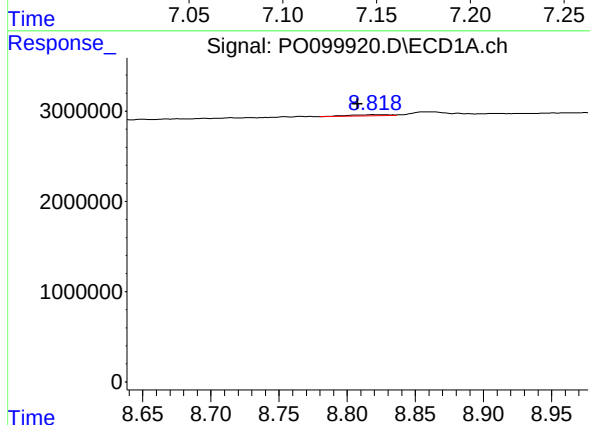
R.T.: 8.482 min
Delta R.T.: 0.000 min
Response: 264795
Conc: 2.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



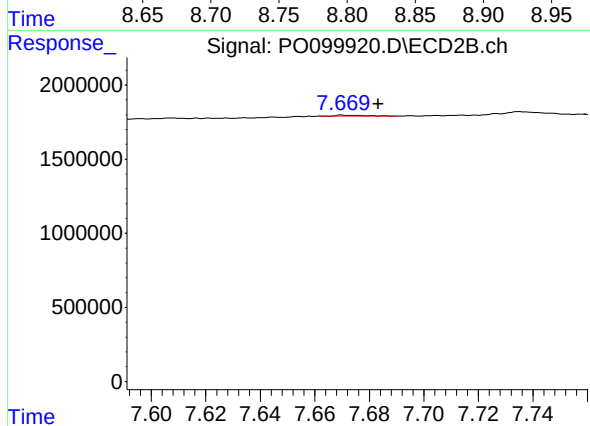
#37 AR-1262-2

R.T.: 7.142 min
Delta R.T.: -0.012 min
Response: 174151
Conc: 2.66 ng/ml



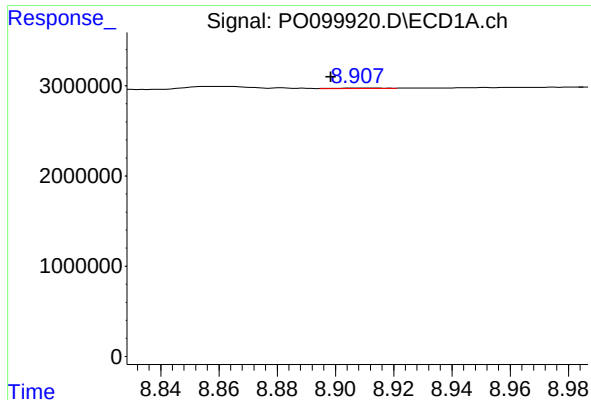
#38 AR-1262-3

R.T.: 8.820 min
Delta R.T.: 0.012 min
Response: 277124
Conc: 3.78 ng/ml



#38 AR-1262-3

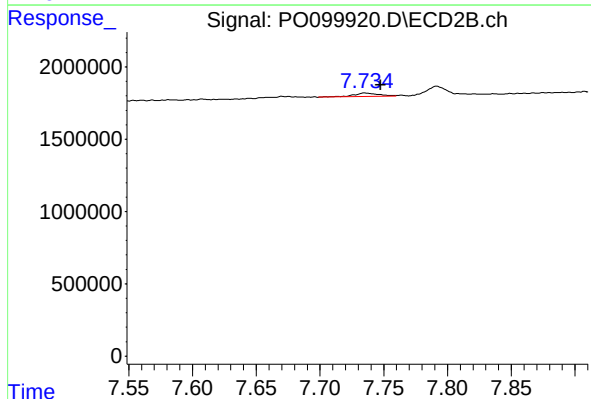
R.T.: 7.670 min
Delta R.T.: -0.013 min
Response: 41830
Conc: 0.81 ng/ml



#39 AR-1262-4

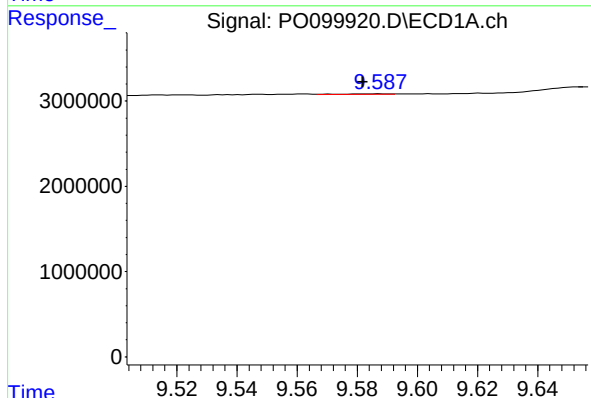
R.T.: 8.907 min
Delta R.T.: 0.009 min
Response: 42852
Conc: 0.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



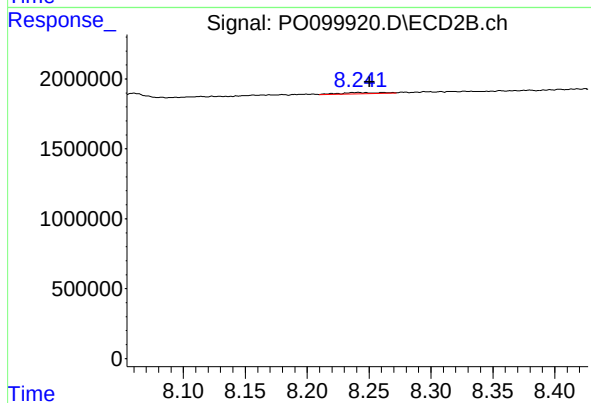
#39 AR-1262-4

R.T.: 7.735 min
Delta R.T.: -0.012 min
Response: 331998
Conc: 3.73 ng/ml



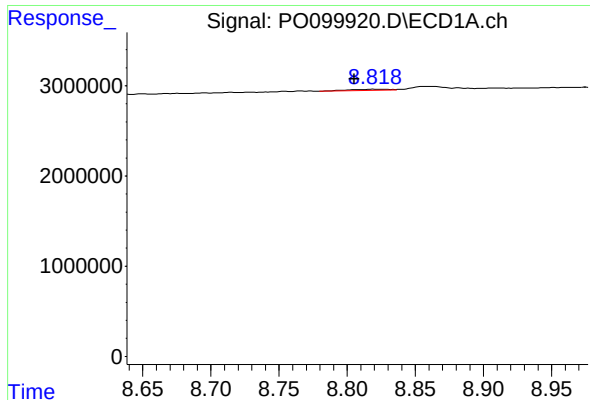
#40 AR-1262-5

R.T.: 9.587 min
Delta R.T.: 0.006 min
Response: 57162
Conc: 1.75 ng/ml



#40 AR-1262-5

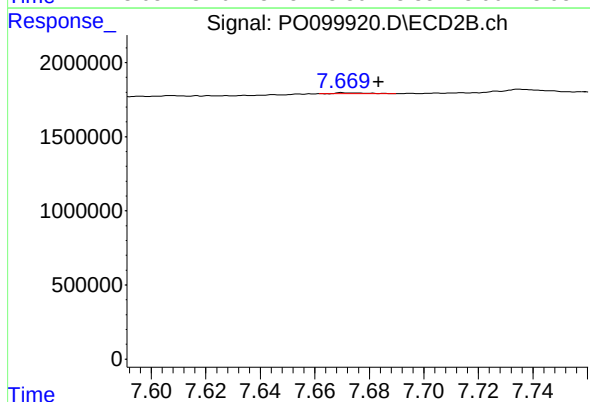
R.T.: 8.241 min
Delta R.T.: -0.009 min
Response: 221625
Conc: 5.69 ng/ml



#41 AR-1268-1

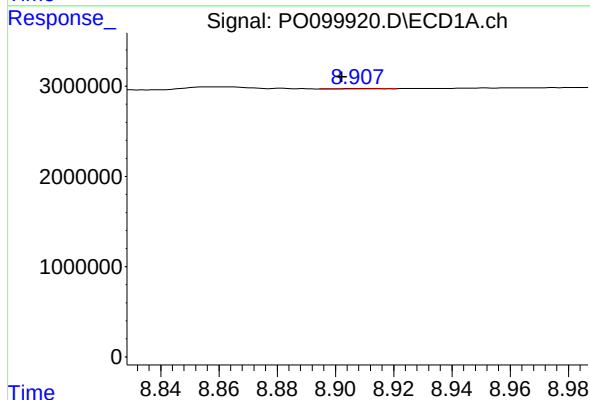
R.T.: 8.820 min
Delta R.T.: 0.014 min
Response: 277124
Conc: 2.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



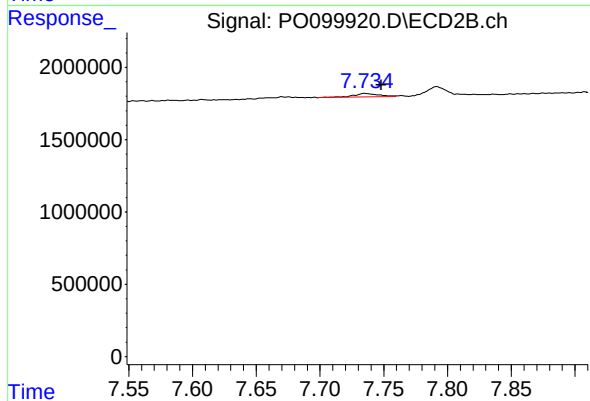
#41 AR-1268-1

R.T.: 7.670 min
Delta R.T.: -0.013 min
Response: 41830
Conc: 0.29 ng/ml



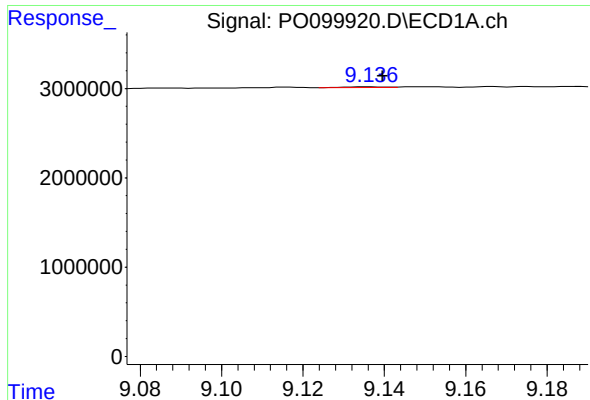
#42 AR-1268-2

R.T.: 8.907 min
Delta R.T.: 0.005 min
Response: 42852
Conc: 0.37 ng/ml



#42 AR-1268-2

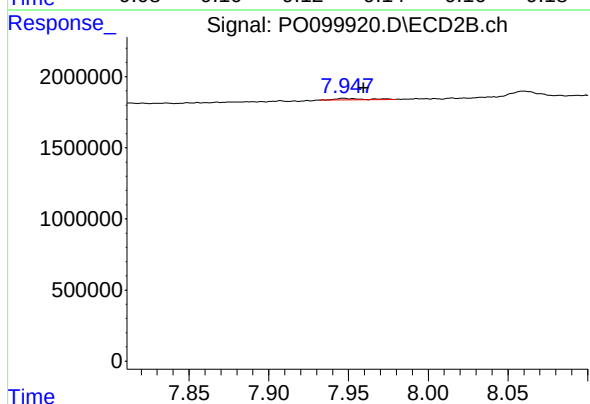
R.T.: 7.735 min
Delta R.T.: -0.013 min
Response: 331998
Conc: 2.55 ng/ml



#43 AR-1268-3

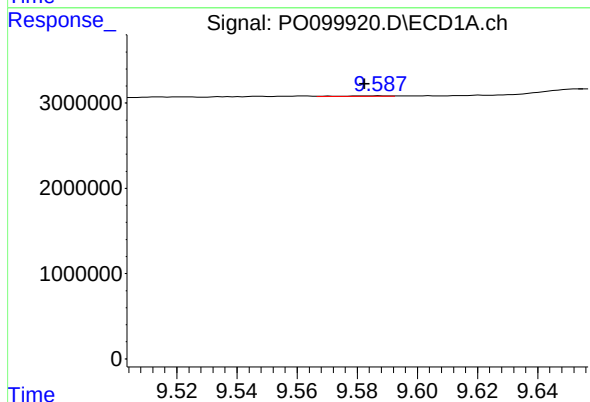
R.T.: 9.136 min
Delta R.T.: -0.003 min
Response: 70436
Conc: 0.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



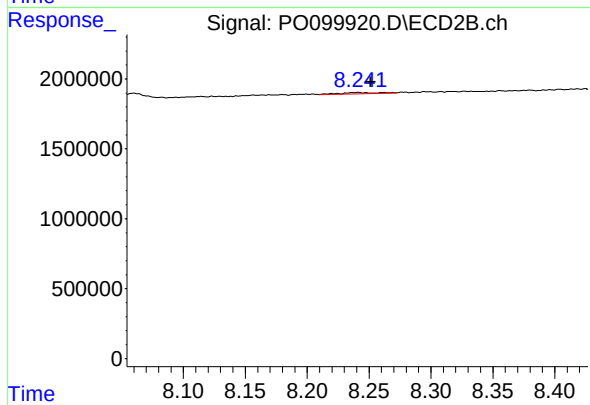
#43 AR-1268-3

R.T.: 7.947 min
Delta R.T.: -0.013 min
Response: 115733
Conc: 0.95 ng/ml



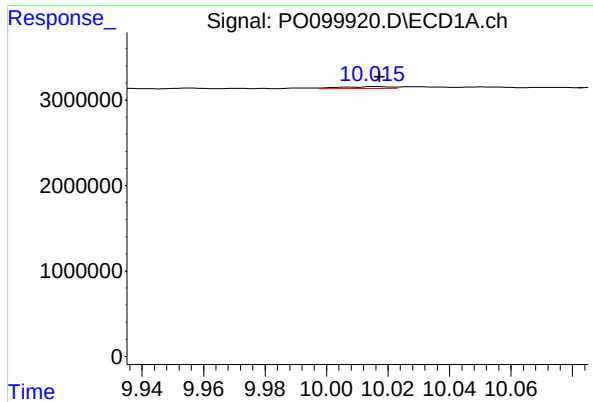
#44 AR-1268-4

R.T.: 9.587 min
Delta R.T.: 0.005 min
Response: 57162
Conc: 1.64 ng/ml



#44 AR-1268-4

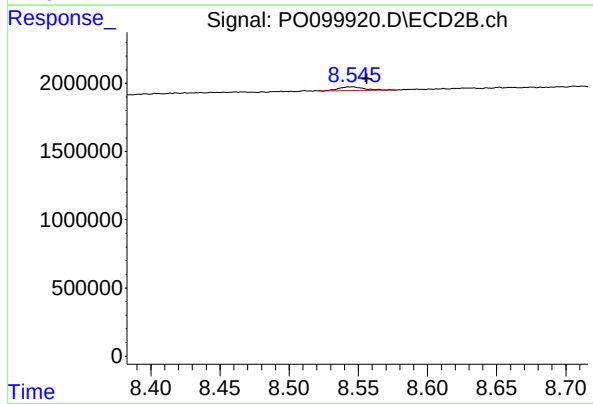
R.T.: 8.241 min
Delta R.T.: -0.010 min
Response: 221625
Conc: 5.14 ng/ml



#45 AR-1268-5

R.T.: 10.016 min
Delta R.T.: -0.002 min
Response: 227616
Conc: 0.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.545 min
Delta R.T.: -0.011 min
Response: 349158
Conc: 1.00 ng/ml