

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0111723\
 Data File : P0099936.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Nov 2023 19:15
 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 17 21:46:45 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	73896034	58030763	43.211	49.128
2) SA Decachlor...	10.374	8.813	45513158	49942988	48.746	50.882
Target Compounds						
3) L1 AR-1016-1	5.674	4.820	623836	431100	14.101	16.184
4) L1 AR-1016-2	5.705	4.836	801091	317899	11.734	8.573 #
5) L1 AR-1016-3	5.760	5.017	361425	189768	7.908	9.611
6) L1 AR-1016-4	5.857	5.059	334725	8545297	9.697	507.013 #
7) L1 AR-1016-5	6.158	5.276	7318198	4866228	219.301	244.021
8) L2 AR-1221-1	4.707	3.942	69097	246558	3.291	16.329 #
9) L2 AR-1221-2	4.800	4.019	1312120	910509	85.423	86.166
10) L2 AR-1221-3	4.869	4.099	126180	225581	2.801	7.404 #
11) L3 AR-1232-1	4.869	4.099	126180	225581	3.416	8.802 #
12) L3 AR-1232-2	5.403	4.836	293759	317899	15.955	17.845
13) L3 AR-1232-3	5.705	5.017	801091	189768	25.380	20.702
14) L3 AR-1232-4	5.857	5.101	334725	2670183	21.894	313.185 #
15) L3 AR-1232-5	5.951	5.276	13081974	4866228	1017.751	530.347 #
16) L4 AR-1242-1	5.674	4.820	623836	431100	17.029	18.766
17) L4 AR-1242-2	5.705	4.836	801091	317899	14.143	10.120 #
18) L4 AR-1242-3	5.760	5.017	361425	189768	9.538	11.339
19) L4 AR-1242-4	5.857	5.101	334725	2670183	11.671	154.530 #
20) L4 AR-1242-5	6.610	5.633	6658113	20945208	270.898	1052.804 #
21) L5 AR-1248-1	5.674	4.820	623836	431100	23.214	24.639
22) L5 AR-1248-2	5.951	5.059	13081974	8545297	307.943	355.522
23) L5 AR-1248-3	6.158	5.101	7318198	2670183	159.053	108.080 #
24) L5 AR-1248-4	6.566	5.276	9353858	4866228	225.501	172.357
25) L5 AR-1248-5	6.610	5.674	6658113	2404897	163.359	94.631 #
26) L6 AR-1254-1	6.540	5.633	22016596	20945208	454.724	505.780
27) L6 AR-1254-2	6.762	5.781	32223852	19210847	456.658	505.866
28) L6 AR-1254-3	7.132	6.191	32019429	32658217	471.664	505.125
29) L6 AR-1254-4	7.422	6.421	20531043	18316194	517.942	534.524
30) L6 AR-1254-5	7.846	6.843	24407014	31288574	497.019	510.134
31) L7 AR-1260-1	7.299	6.322	13639853	16321874	244.451	339.053 #
32) L7 AR-1260-2	7.559	6.511	13476441	13196606	223.391	232.695
33) L7 AR-1260-3	7.907	6.666	3769660	14165632	90.189	256.260 #
34) L7 AR-1260-4	8.138	7.144	9216222	1654923	187.144	37.553 #
35) L7 AR-1260-5	8.482	7.385	2253108	3910429	26.852	39.347 #
36) L8 AR-1262-1	7.846	6.843	24407014	31288574	544.665	961.589 #
37) L8 AR-1262-2	8.482	7.144	2253108	1654923	21.870	25.318
38) L8 AR-1262-3	8.820	7.691	2495147	27206	34.013	0.529 #
39) L8 AR-1262-4	8.868	7.735	987385	3492208	17.029	39.189 #
40) L8 AR-1262-5	9.584	8.246	150646	268961	4.602	6.901 #
41) L9 AR-1268-1	8.820	7.691	2495147	27206	18.767	0.190 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0111723\
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 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 14 04:21:47 2023
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 Integrator: ChemStation

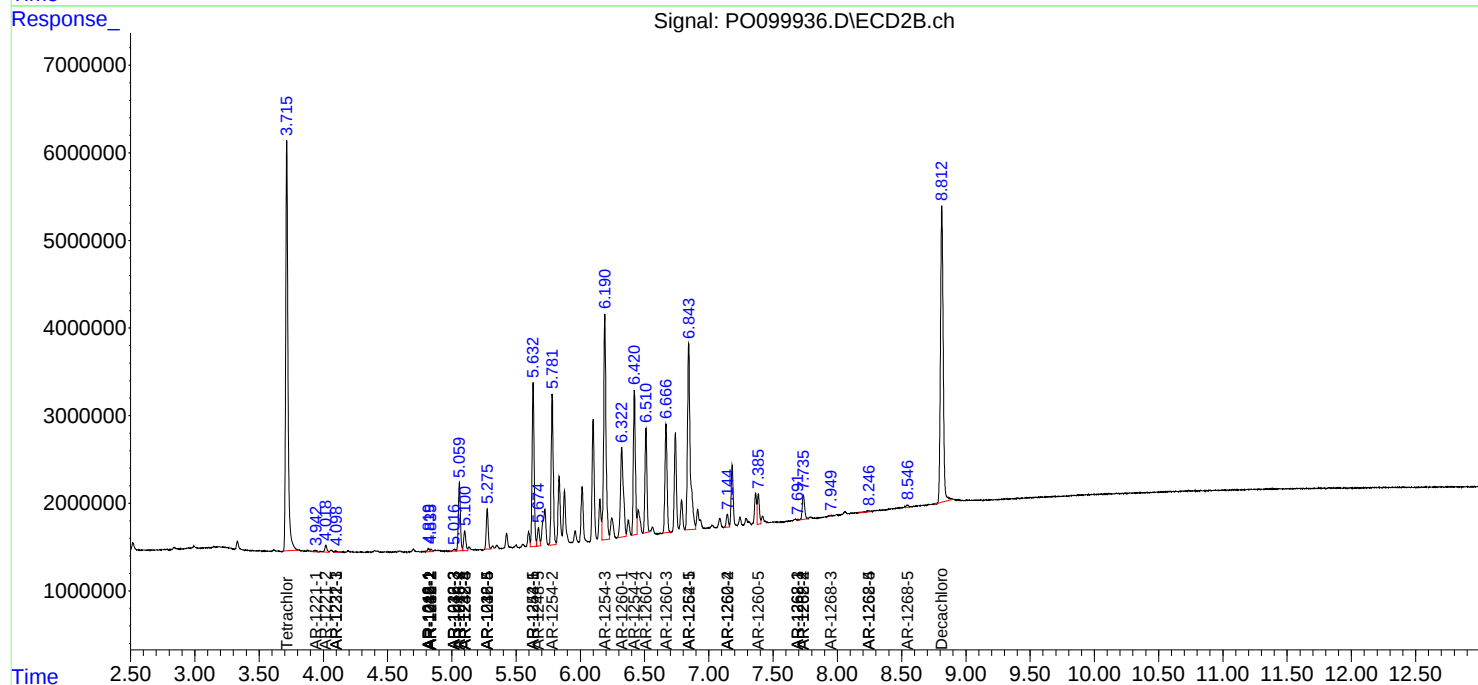
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

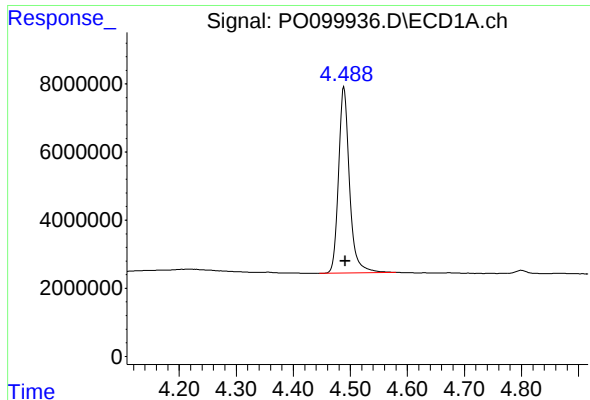
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.868	7.735	987385	3492208	8.605	26.814 #
43) L9	AR-1268-3	9.145	7.949	172377	60982	1.582	0.501 #
44) L9	AR-1268-4	9.584	8.246	150646	268961	4.313	6.239 #
45) L9	AR-1268-5	10.023	8.546	439533	317392	1.373	0.913 #

(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

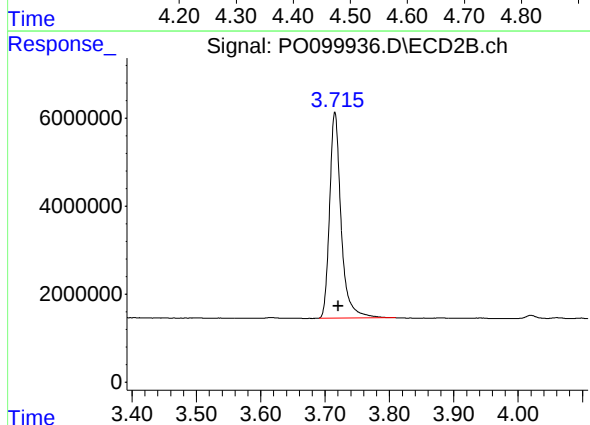




#1 Tetrachloro-m-xylene

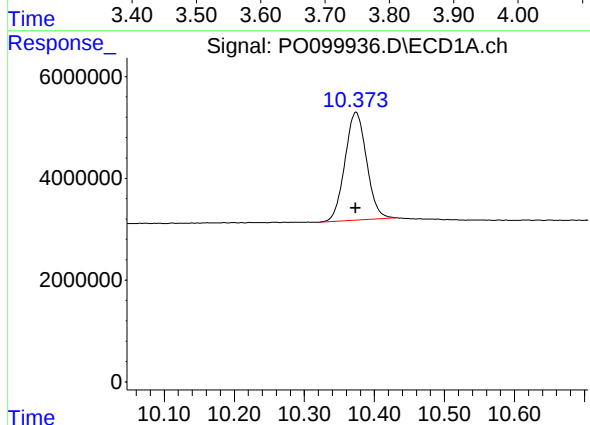
R.T.: 4.489 min
Delta R.T.: -0.002 min
Response: 73896034
Conc: 43.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



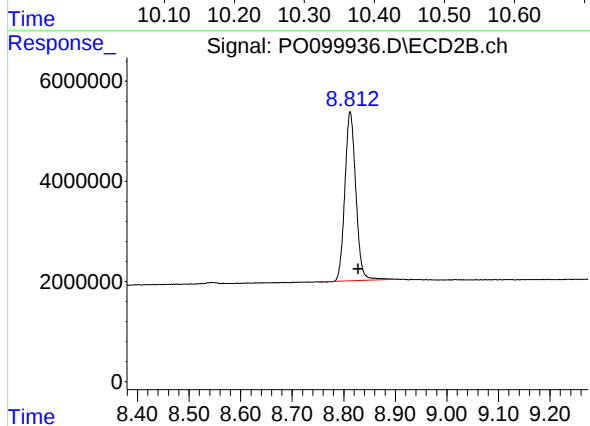
#1 Tetrachloro-m-xylene

R.T.: 3.715 min
Delta R.T.: -0.005 min
Response: 58030763
Conc: 49.13 ng/ml



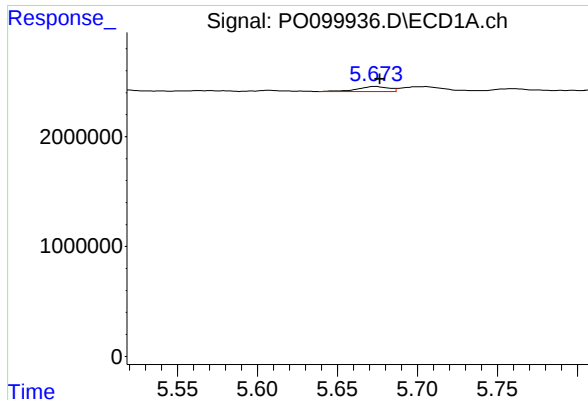
#2 Decachlorobiphenyl

R.T.: 10.374 min
Delta R.T.: 0.001 min
Response: 45513158
Conc: 48.75 ng/ml



#2 Decachlorobiphenyl

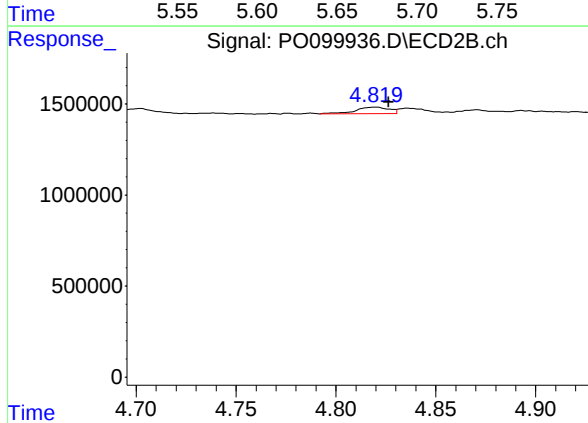
R.T.: 8.813 min
Delta R.T.: -0.016 min
Response: 49942988
Conc: 50.88 ng/ml



#3 AR-1016-1

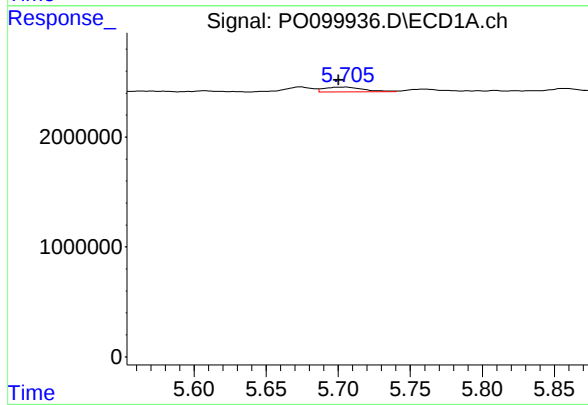
R.T.: 5.674 min
Delta R.T.: -0.003 min
Response: 623836
Conc: 14.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



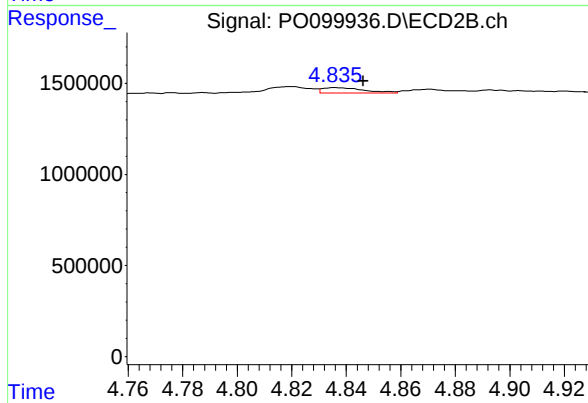
#3 AR-1016-1

R.T.: 4.820 min
Delta R.T.: -0.007 min
Response: 431100
Conc: 16.18 ng/ml



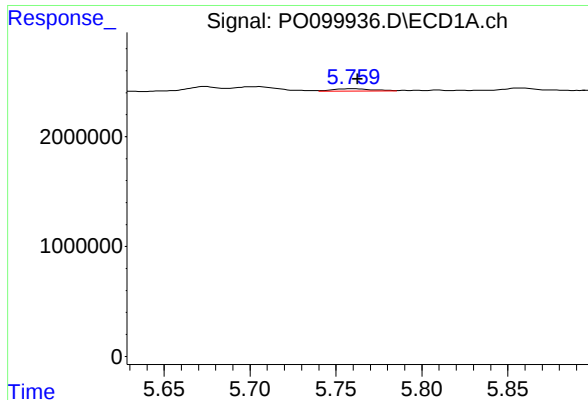
#4 AR-1016-2

R.T.: 5.705 min
Delta R.T.: 0.005 min
Response: 801091
Conc: 11.73 ng/ml



#4 AR-1016-2

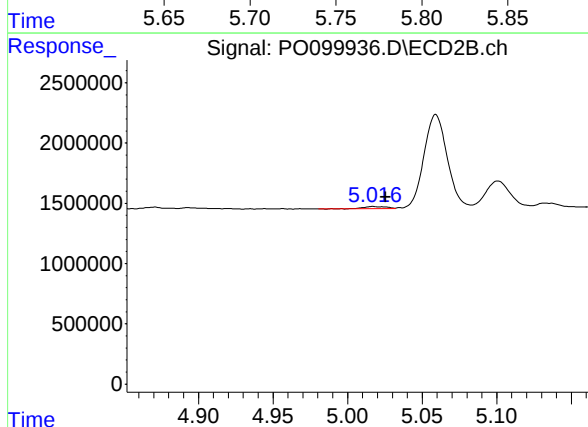
R.T.: 4.836 min
Delta R.T.: -0.011 min
Response: 317899
Conc: 8.57 ng/ml



#5 AR-1016-3

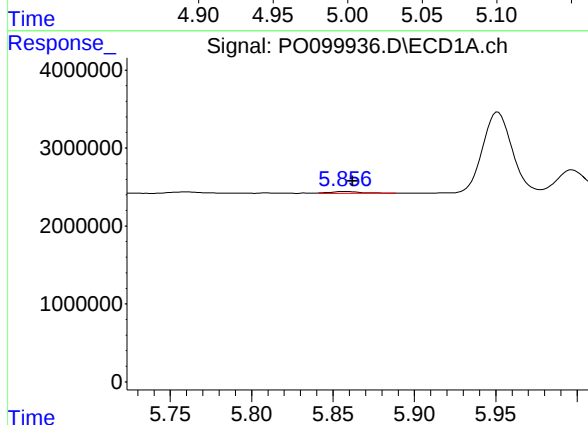
R.T.: 5.760 min
Delta R.T.: -0.003 min
Response: 361425
Conc: 7.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



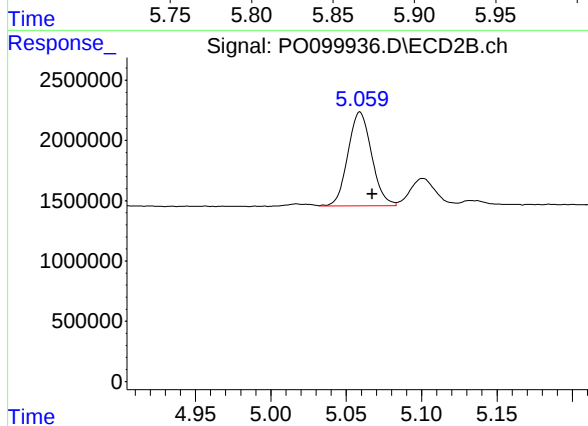
#5 AR-1016-3

R.T.: 5.017 min
Delta R.T.: -0.009 min
Response: 189768
Conc: 9.61 ng/ml



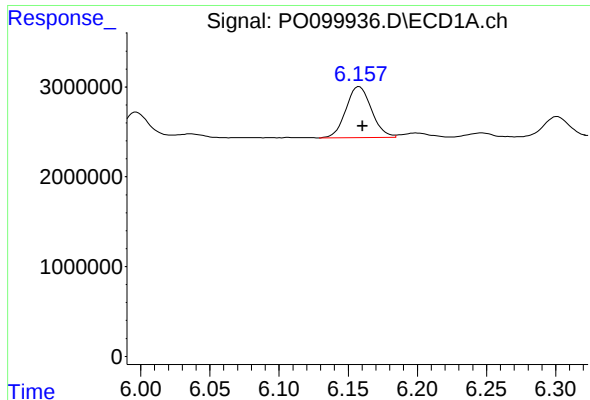
#6 AR-1016-4

R.T.: 5.857 min
Delta R.T.: -0.005 min
Response: 334725
Conc: 9.70 ng/ml



#6 AR-1016-4

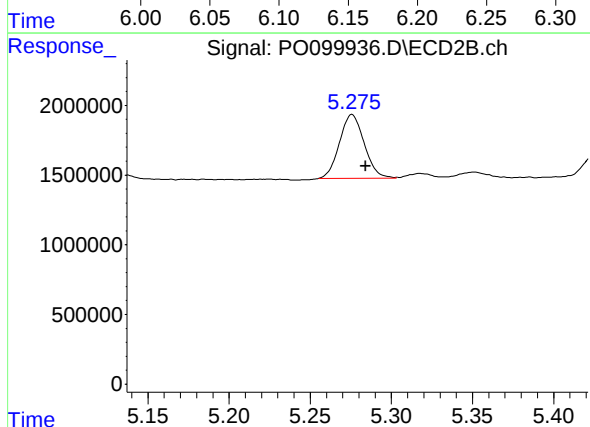
R.T.: 5.059 min
Delta R.T.: -0.008 min
Response: 8545297
Conc: 507.01 ng/ml



#7 AR-1016-5

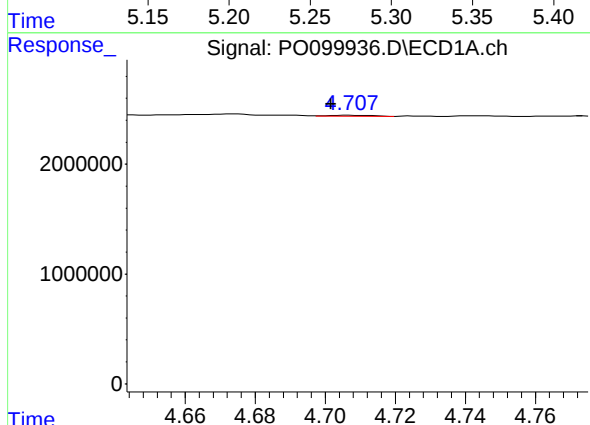
R.T.: 6.158 min
Delta R.T.: -0.003 min
Response: 7318198
Conc: 219.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



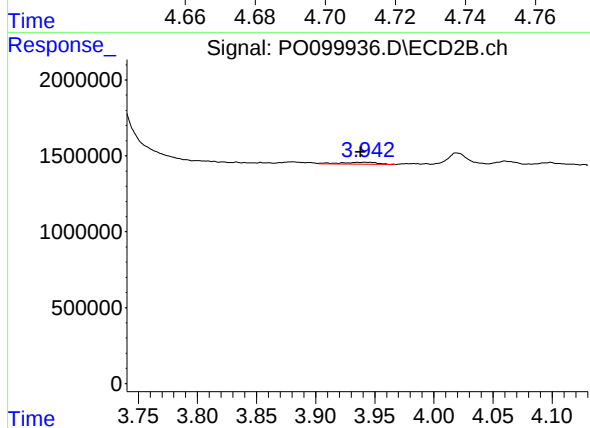
#7 AR-1016-5

R.T.: 5.276 min
Delta R.T.: -0.008 min
Response: 4866228
Conc: 244.02 ng/ml



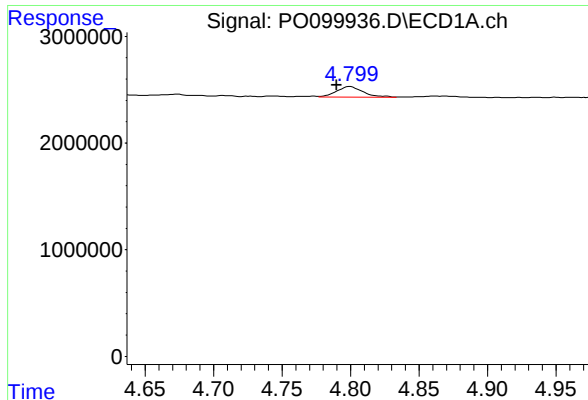
#8 AR-1221-1

R.T.: 4.707 min
Delta R.T.: 0.006 min
Response: 69097
Conc: 3.29 ng/ml



#8 AR-1221-1

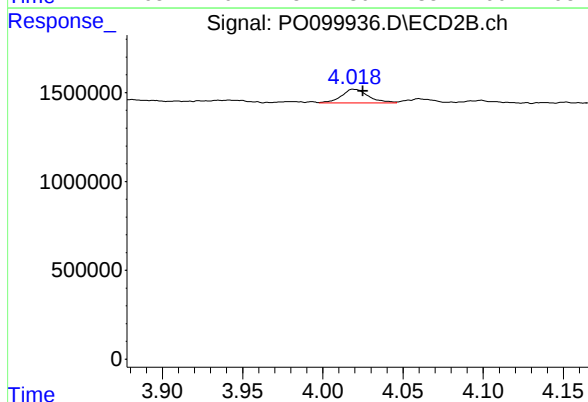
R.T.: 3.942 min
Delta R.T.: 0.004 min
Response: 246558
Conc: 16.33 ng/ml



#9 AR-1221-2

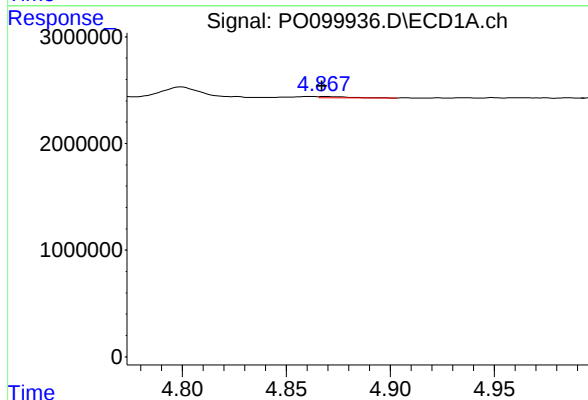
R.T.: 4.800 min
Delta R.T.: 0.010 min
Response: 1312120
Conc: 85.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



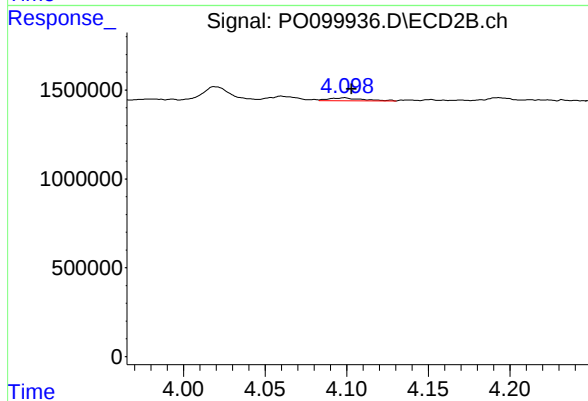
#9 AR-1221-2

R.T.: 4.019 min
Delta R.T.: -0.006 min
Response: 910509
Conc: 86.17 ng/ml



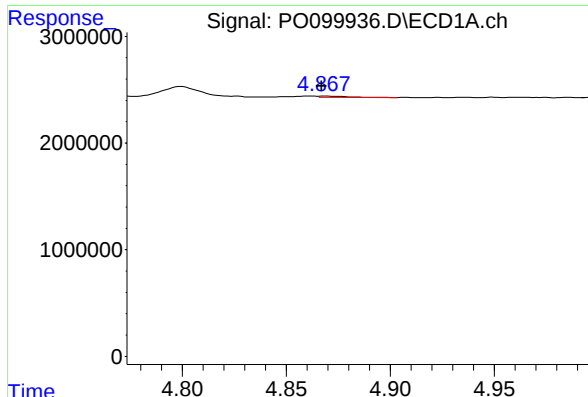
#10 AR-1221-3

R.T.: 4.869 min
Delta R.T.: 0.001 min
Response: 126180
Conc: 2.80 ng/ml



#10 AR-1221-3

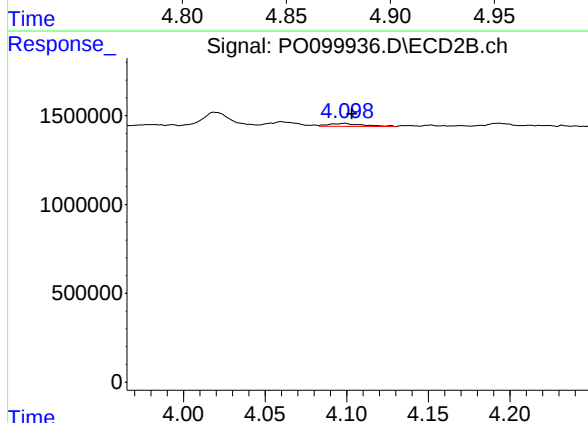
R.T.: 4.099 min
Delta R.T.: -0.004 min
Response: 225581
Conc: 7.40 ng/ml



#11 AR-1232-1

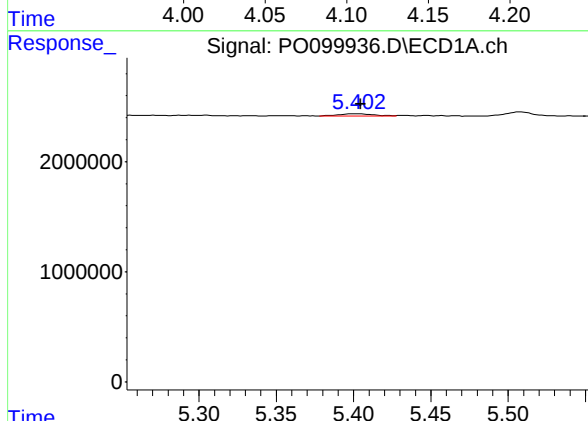
R.T.: 4.869 min
Delta R.T.: 0.002 min
Response: 126180
Conc: 3.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



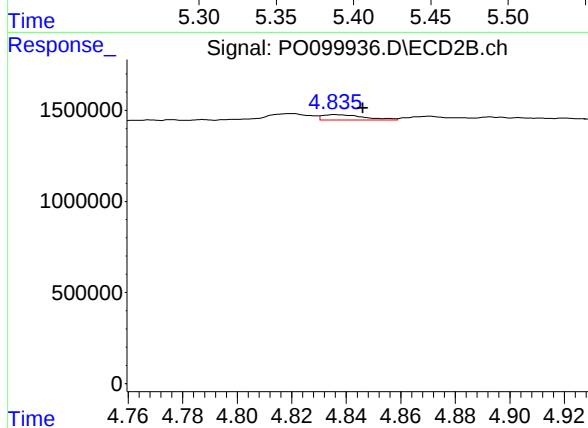
#11 AR-1232-1

R.T.: 4.099 min
Delta R.T.: -0.005 min
Response: 225581
Conc: 8.80 ng/ml



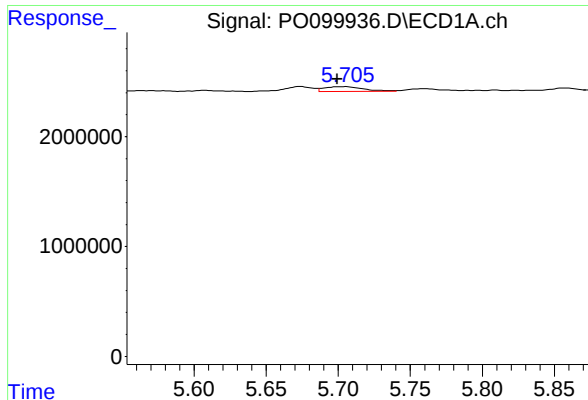
#12 AR-1232-2

R.T.: 5.403 min
Delta R.T.: -0.002 min
Response: 293759
Conc: 15.96 ng/ml



#12 AR-1232-2

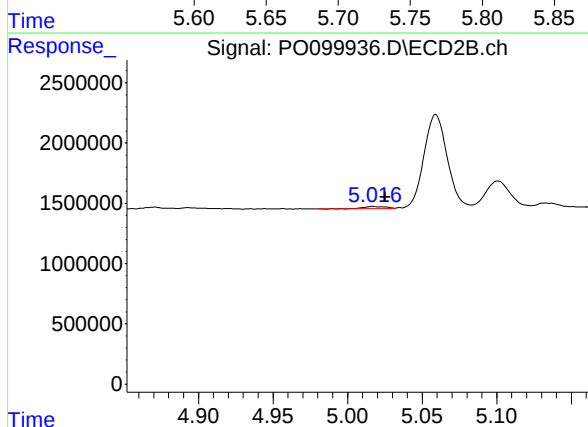
R.T.: 4.836 min
Delta R.T.: -0.010 min
Response: 317899
Conc: 17.85 ng/ml



#13 AR-1232-3

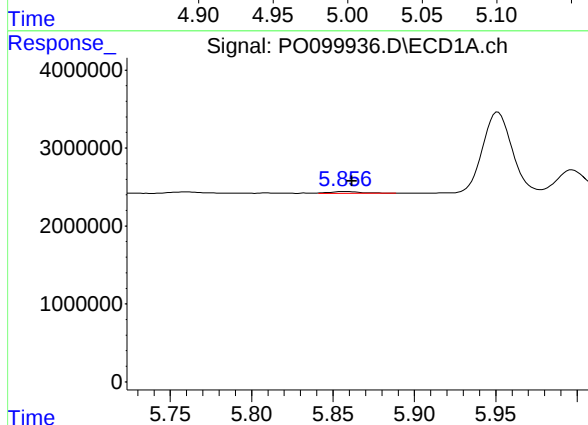
R.T.: 5.705 min
Delta R.T.: 0.006 min
Response: 801091
Conc: 25.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



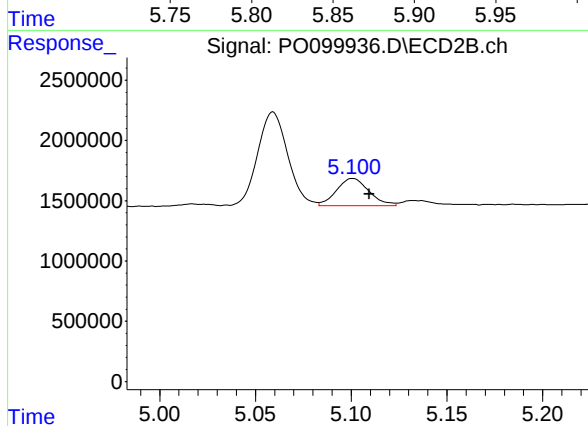
#13 AR-1232-3

R.T.: 5.017 min
Delta R.T.: -0.008 min
Response: 189768
Conc: 20.70 ng/ml



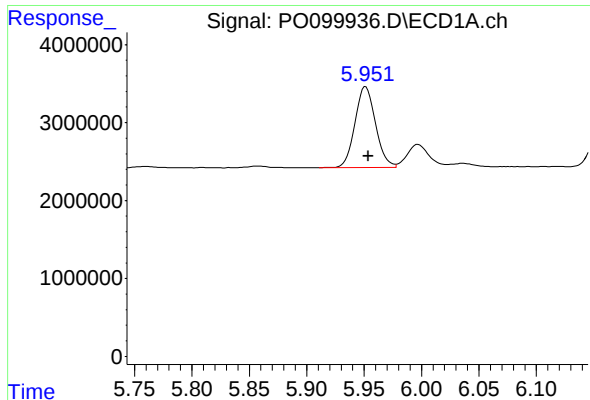
#14 AR-1232-4

R.T.: 5.857 min
Delta R.T.: -0.005 min
Response: 334725
Conc: 21.89 ng/ml



#14 AR-1232-4

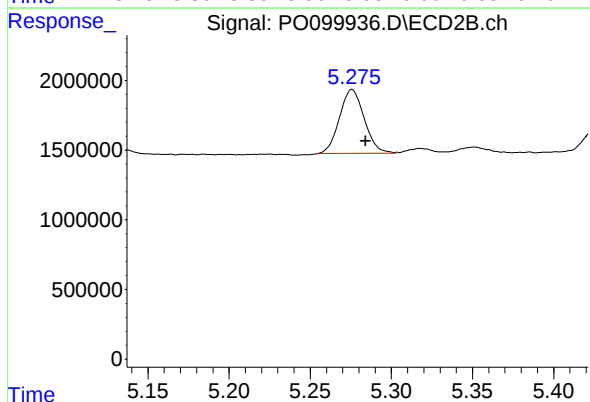
R.T.: 5.101 min
Delta R.T.: -0.009 min
Response: 2670183
Conc: 313.18 ng/ml



#15 AR-1232-5

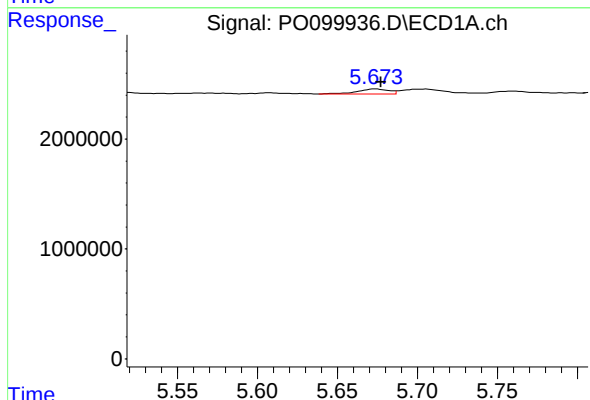
R.T.: 5.951 min
Delta R.T.: -0.002 min
Response: 13081974
Conc: 1017.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



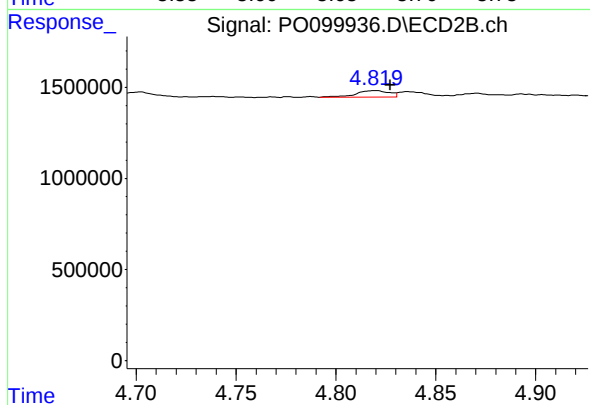
#15 AR-1232-5

R.T.: 5.276 min
Delta R.T.: -0.008 min
Response: 4866228
Conc: 530.35 ng/ml



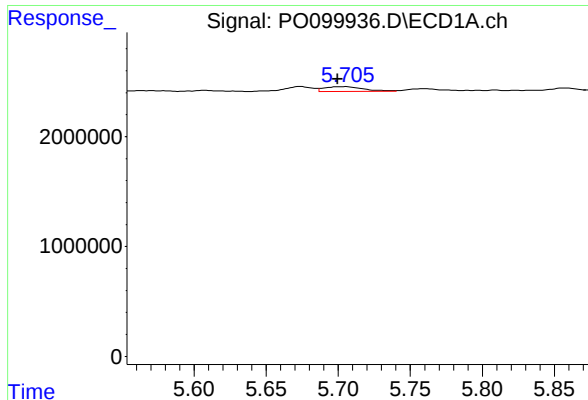
#16 AR-1242-1

R.T.: 5.674 min
Delta R.T.: -0.004 min
Response: 623836
Conc: 17.03 ng/ml



#16 AR-1242-1

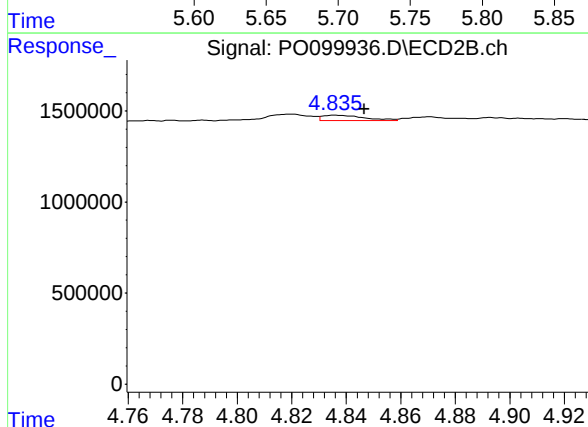
R.T.: 4.820 min
Delta R.T.: -0.008 min
Response: 431100
Conc: 18.77 ng/ml



#17 AR-1242-2

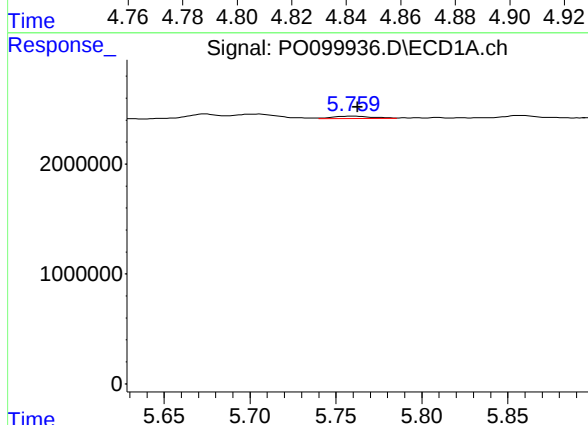
R.T.: 5.705 min
Delta R.T.: 0.006 min
Response: 801091
Conc: 14.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



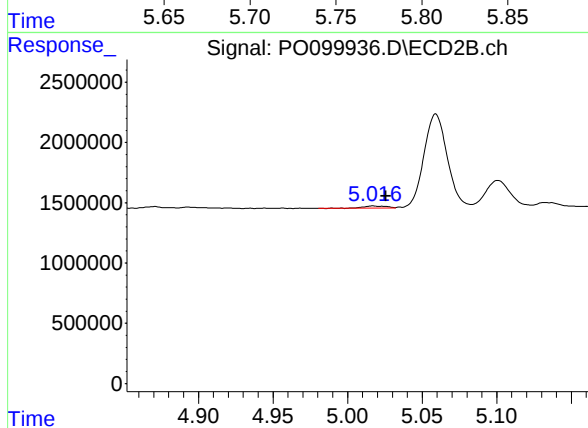
#17 AR-1242-2

R.T.: 4.836 min
Delta R.T.: -0.011 min
Response: 317899
Conc: 10.12 ng/ml



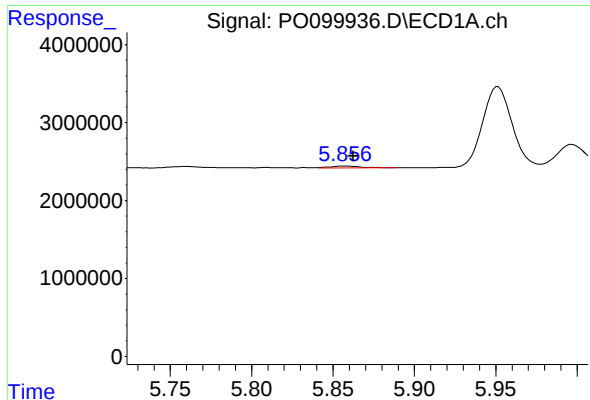
#18 AR-1242-3

R.T.: 5.760 min
Delta R.T.: -0.003 min
Response: 361425
Conc: 9.54 ng/ml



#18 AR-1242-3

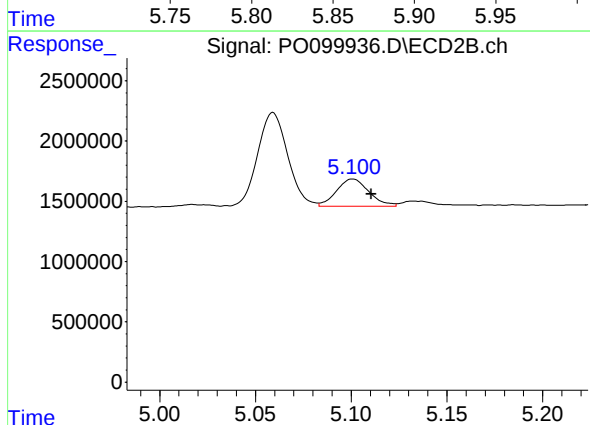
R.T.: 5.017 min
Delta R.T.: -0.009 min
Response: 189768
Conc: 11.34 ng/ml



#19 AR-1242-4

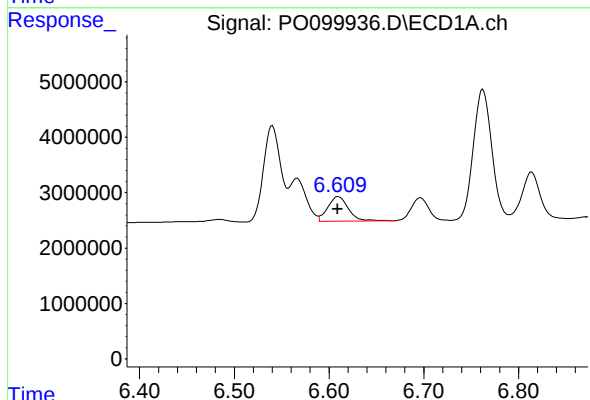
R.T.: 5.857 min
Delta R.T.: -0.006 min
Response: 334725
Conc: 11.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



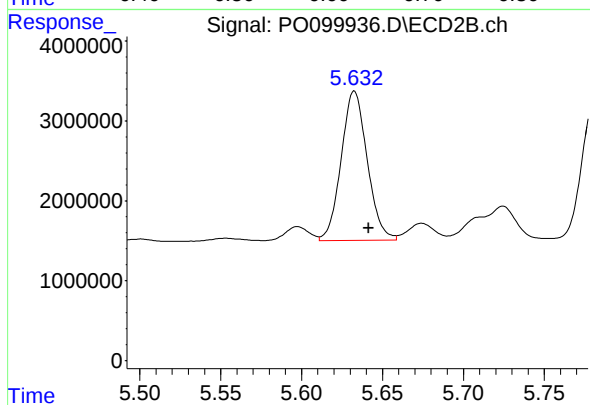
#19 AR-1242-4

R.T.: 5.101 min
Delta R.T.: -0.010 min
Response: 2670183
Conc: 154.53 ng/ml



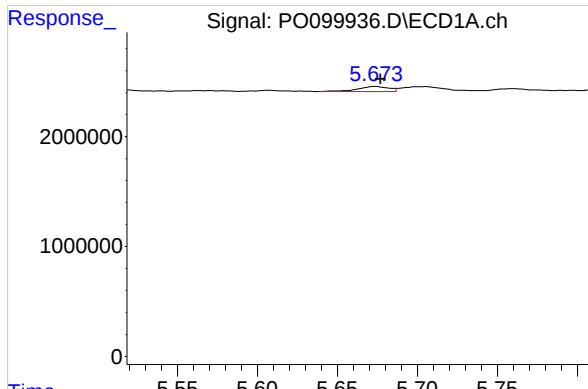
#20 AR-1242-5

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 6658113
Conc: 270.90 ng/ml



#20 AR-1242-5

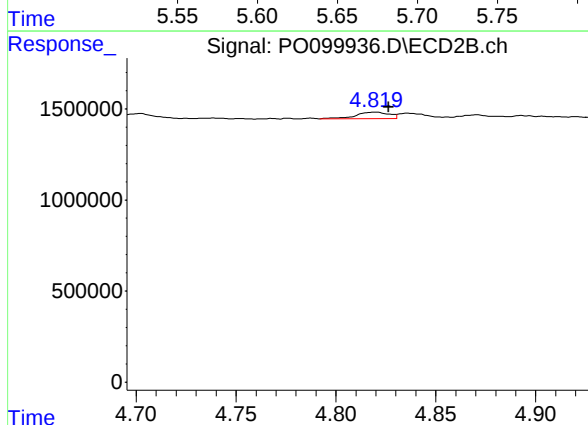
R.T.: 5.633 min
Delta R.T.: -0.009 min
Response: 20945208
Conc: 1052.80 ng/ml



#21 AR-1248-1

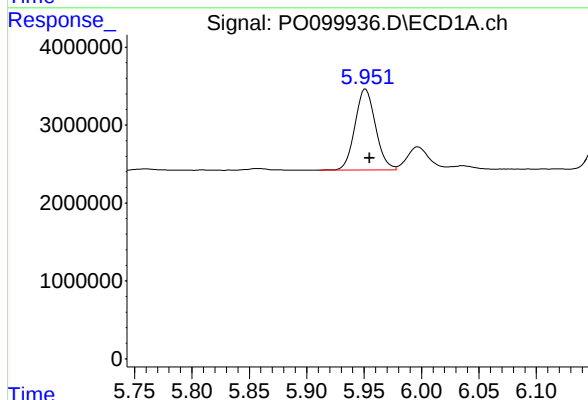
R.T.: 5.674 min
Delta R.T.: -0.003 min
Response: 623836
Conc: 23.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



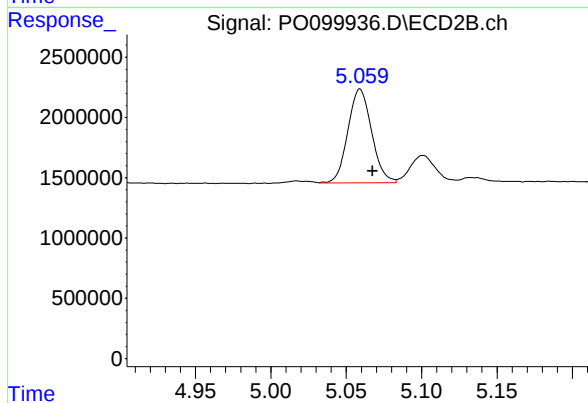
#21 AR-1248-1

R.T.: 4.820 min
Delta R.T.: -0.007 min
Response: 431100
Conc: 24.64 ng/ml



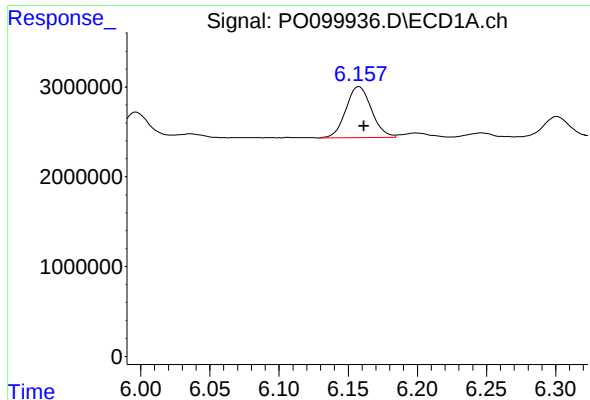
#22 AR-1248-2

R.T.: 5.951 min
Delta R.T.: -0.003 min
Response: 13081974
Conc: 307.94 ng/ml



#22 AR-1248-2

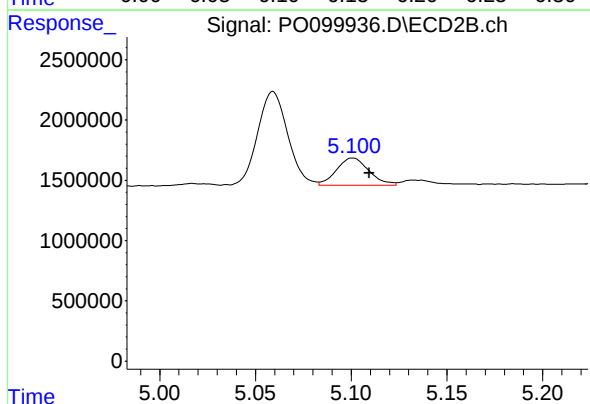
R.T.: 5.059 min
Delta R.T.: -0.008 min
Response: 8545297
Conc: 355.52 ng/ml



#23 AR-1248-3

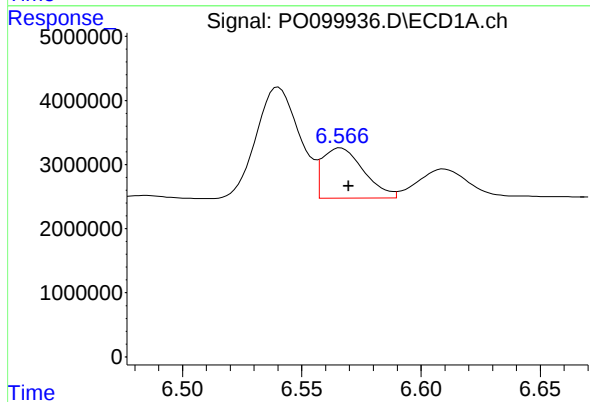
R.T.: 6.158 min
Delta R.T.: -0.003 min
Response: 7318198
Conc: 159.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



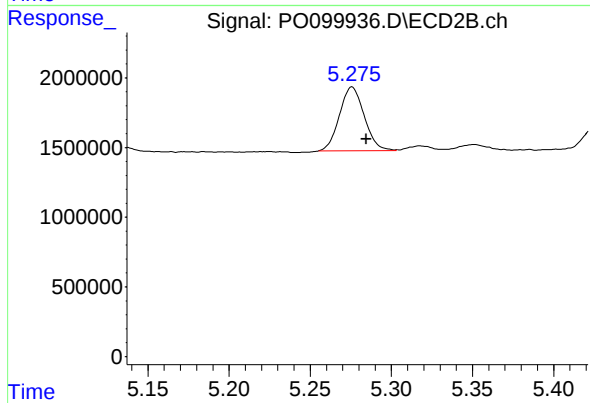
#23 AR-1248-3

R.T.: 5.101 min
Delta R.T.: -0.009 min
Response: 2670183
Conc: 108.08 ng/ml



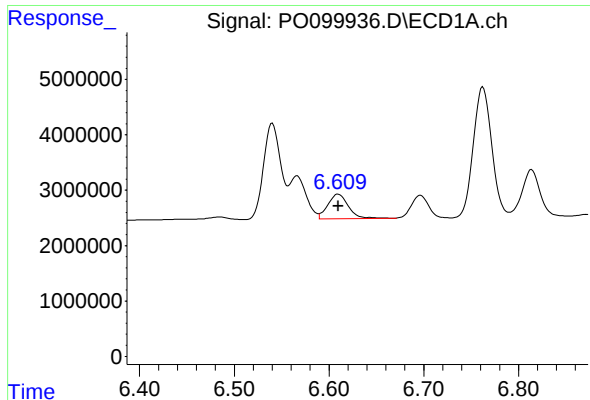
#24 AR-1248-4

R.T.: 6.566 min
Delta R.T.: -0.003 min
Response: 9353858
Conc: 225.50 ng/ml



#24 AR-1248-4

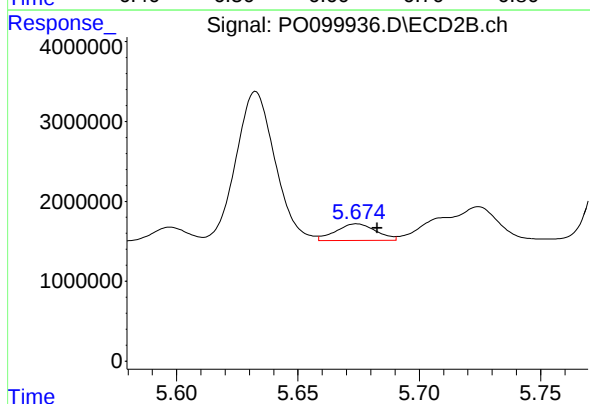
R.T.: 5.276 min
Delta R.T.: -0.009 min
Response: 4866228
Conc: 172.36 ng/ml



#25 AR-1248-5

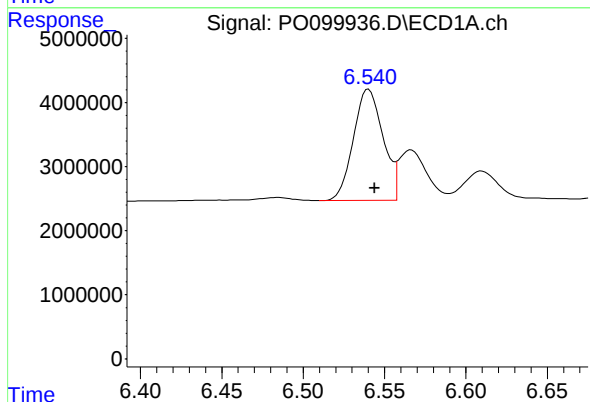
R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 6658113
Conc: 163.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



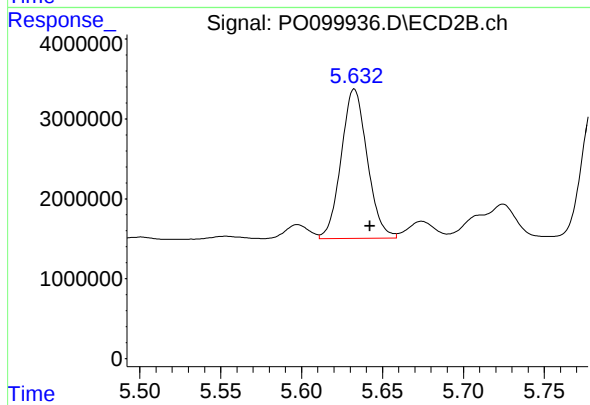
#25 AR-1248-5

R.T.: 5.674 min
Delta R.T.: -0.008 min
Response: 2404897
Conc: 94.63 ng/ml



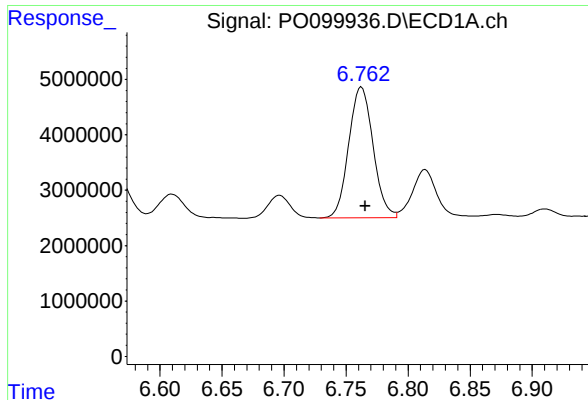
#26 AR-1254-1

R.T.: 6.540 min
Delta R.T.: -0.004 min
Response: 22016596
Conc: 454.72 ng/ml



#26 AR-1254-1

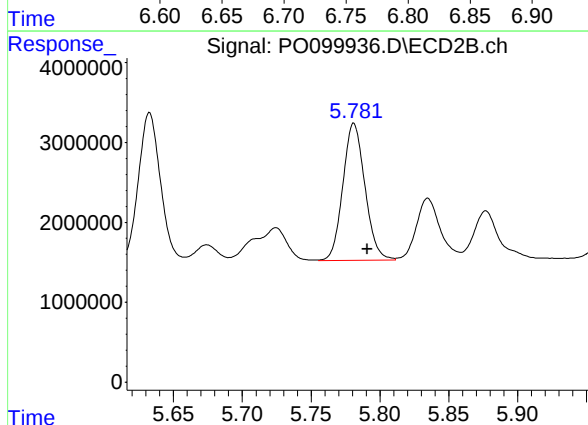
R.T.: 5.633 min
Delta R.T.: -0.010 min
Response: 20945208
Conc: 505.78 ng/ml



#27 AR-1254-2

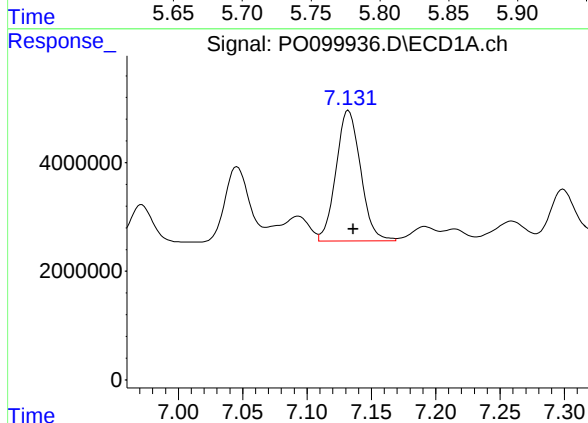
R.T.: 6.762 min
Delta R.T.: -0.003 min
Response: 32223852
Conc: 456.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



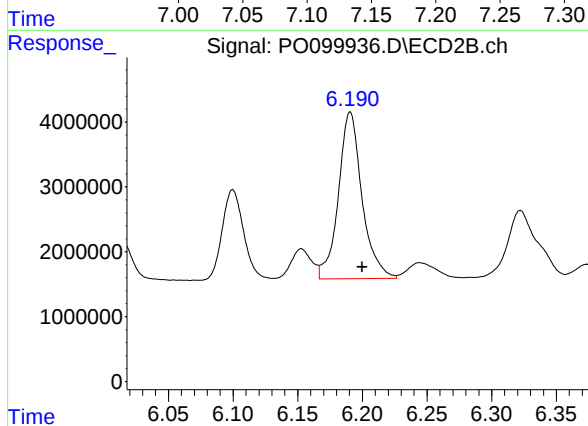
#27 AR-1254-2

R.T.: 5.781 min
Delta R.T.: -0.010 min
Response: 19210847
Conc: 505.87 ng/ml



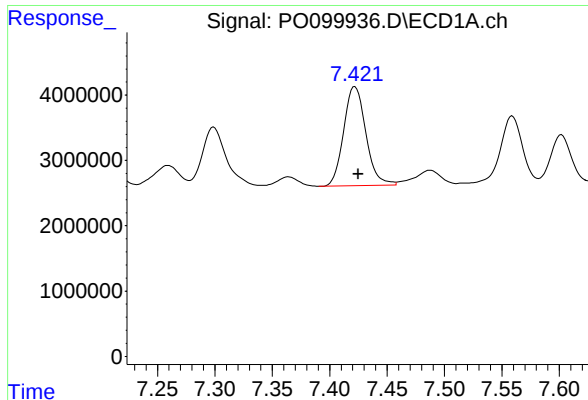
#28 AR-1254-3

R.T.: 7.132 min
Delta R.T.: -0.004 min
Response: 32019429
Conc: 471.66 ng/ml



#28 AR-1254-3

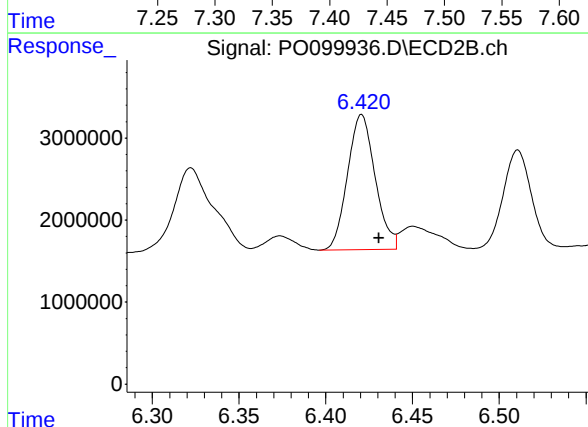
R.T.: 6.191 min
Delta R.T.: -0.009 min
Response: 32658217
Conc: 505.12 ng/ml



#29 AR-1254-4

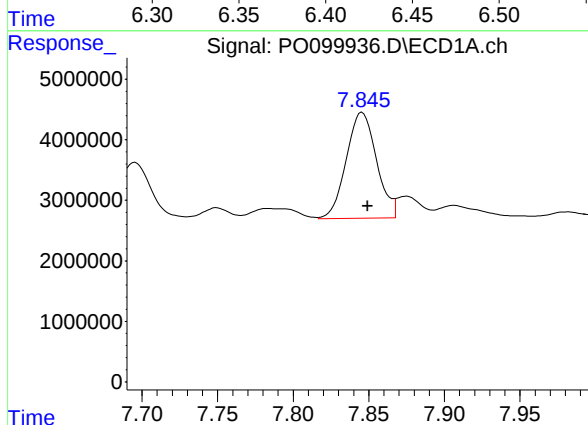
R.T.: 7.422 min
Delta R.T.: -0.003 min
Response: 20531043
Conc: 517.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



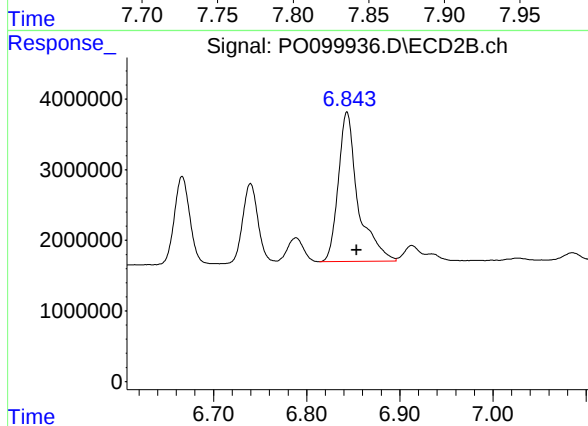
#29 AR-1254-4

R.T.: 6.421 min
Delta R.T.: -0.010 min
Response: 18316194
Conc: 534.52 ng/ml



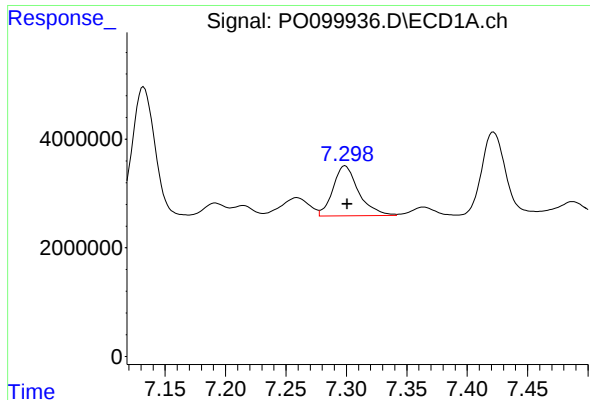
#30 AR-1254-5

R.T.: 7.846 min
Delta R.T.: -0.004 min
Response: 24407014
Conc: 497.02 ng/ml



#30 AR-1254-5

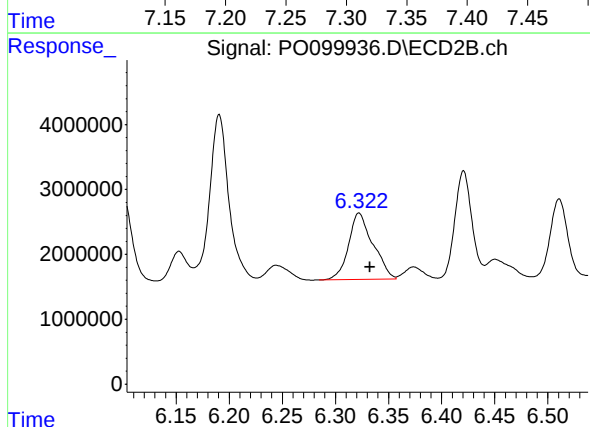
R.T.: 6.843 min
Delta R.T.: -0.010 min
Response: 31288574
Conc: 510.13 ng/ml



#31 AR-1260-1

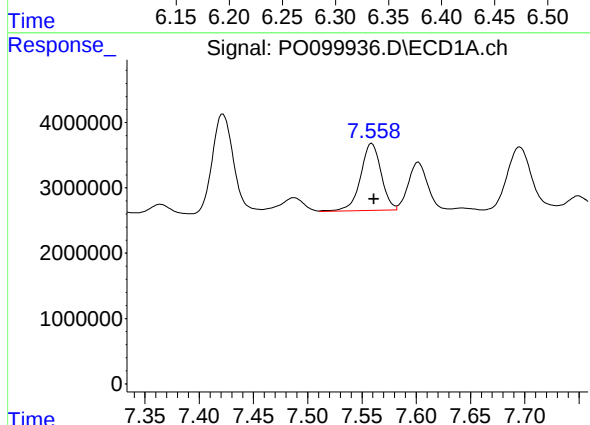
R.T.: 7.299 min
Delta R.T.: -0.002 min
Response: 13639853
Conc: 244.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



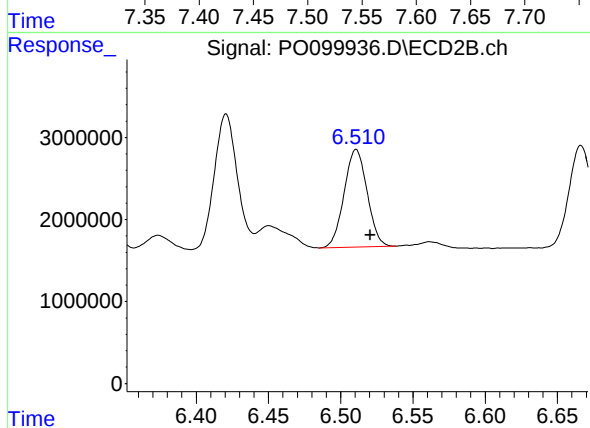
#31 AR-1260-1

R.T.: 6.322 min
Delta R.T.: -0.010 min
Response: 16321874
Conc: 339.05 ng/ml



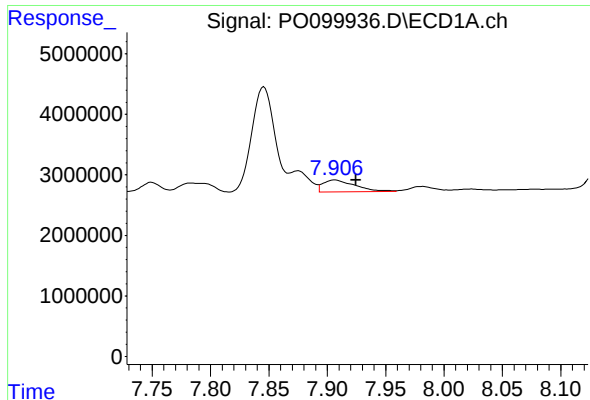
#32 AR-1260-2

R.T.: 7.559 min
Delta R.T.: -0.002 min
Response: 13476441
Conc: 223.39 ng/ml



#32 AR-1260-2

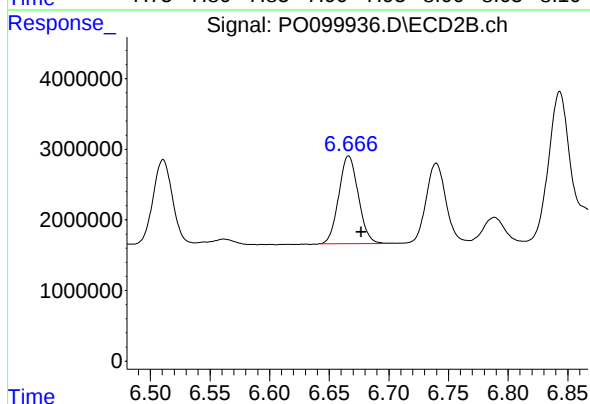
R.T.: 6.511 min
Delta R.T.: -0.010 min
Response: 13196606
Conc: 232.70 ng/ml



#33 AR-1260-3

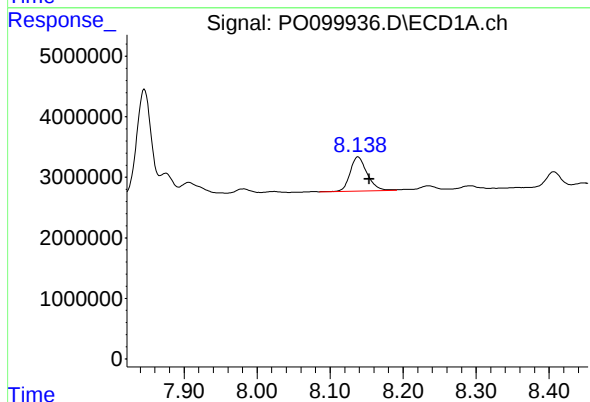
R.T.: 7.907 min
Delta R.T.: -0.018 min
Response: 3769660
Conc: 90.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



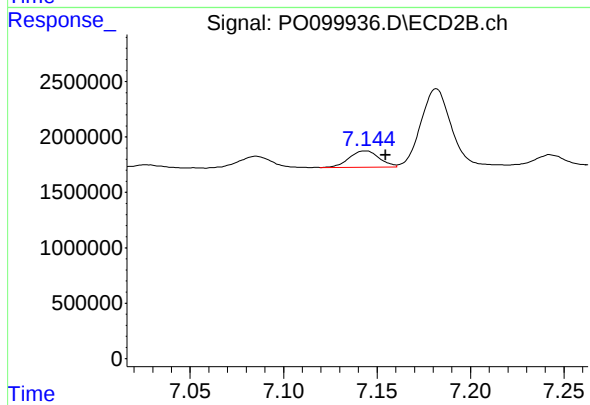
#33 AR-1260-3

R.T.: 6.666 min
Delta R.T.: -0.011 min
Response: 14165632
Conc: 256.26 ng/ml



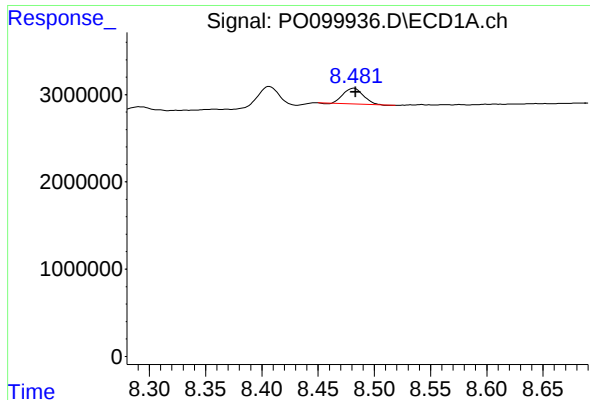
#34 AR-1260-4

R.T.: 8.138 min
Delta R.T.: -0.015 min
Response: 9216222
Conc: 187.14 ng/ml



#34 AR-1260-4

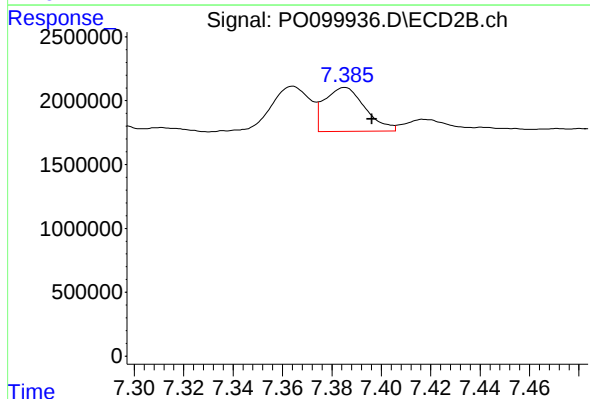
R.T.: 7.144 min
Delta R.T.: -0.011 min
Response: 1654923
Conc: 37.55 ng/ml



#35 AR-1260-5

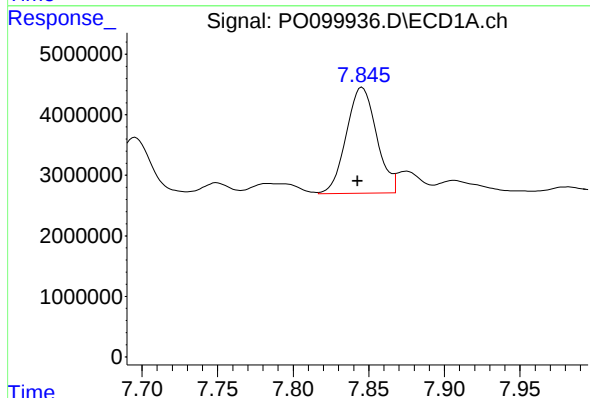
R.T.: 8.482 min
Delta R.T.: -0.002 min
Response: 2253108
Conc: 26.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



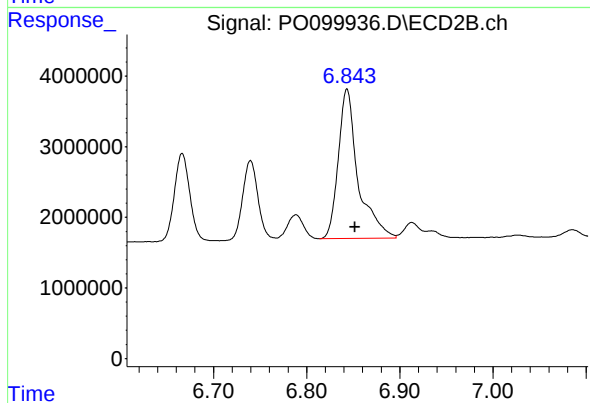
#35 AR-1260-5

R.T.: 7.385 min
Delta R.T.: -0.011 min
Response: 3910429
Conc: 39.35 ng/ml



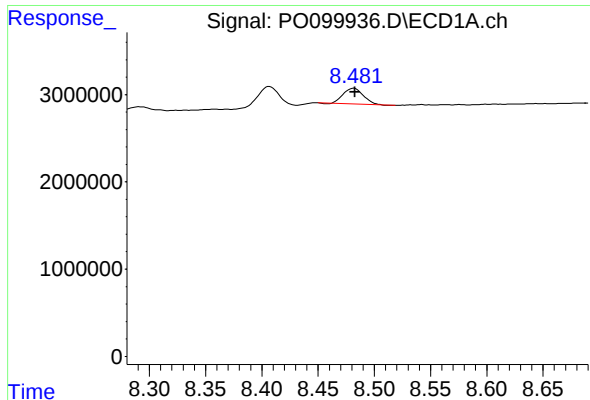
#36 AR-1262-1

R.T.: 7.846 min
Delta R.T.: 0.003 min
Response: 24407014
Conc: 544.67 ng/ml



#36 AR-1262-1

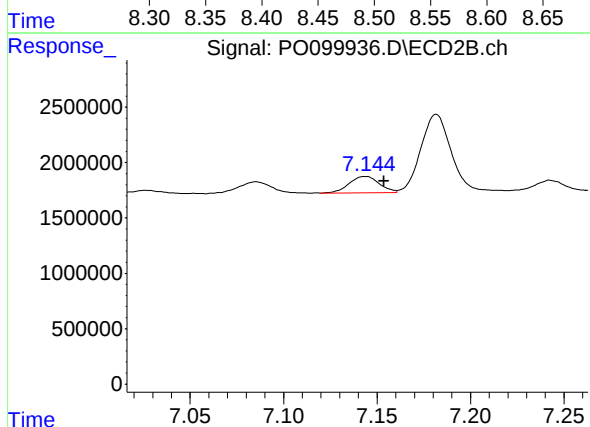
R.T.: 6.843 min
Delta R.T.: -0.009 min
Response: 31288574
Conc: 961.59 ng/ml



#37 AR-1262-2

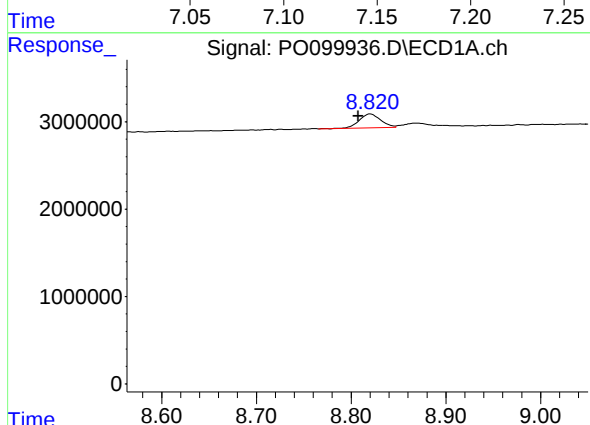
R.T.: 8.482 min
Delta R.T.: -0.001 min
Response: 2253108
Conc: 21.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



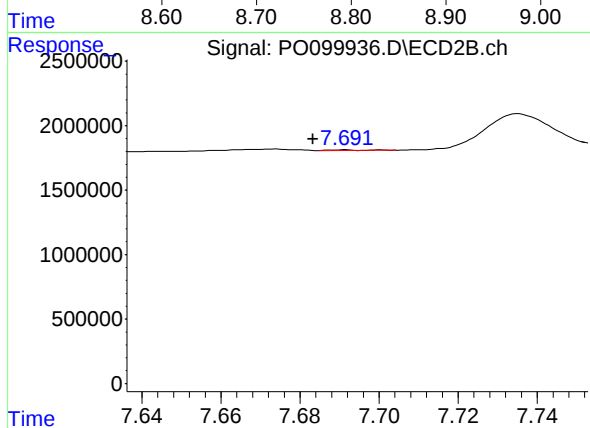
#37 AR-1262-2

R.T.: 7.144 min
Delta R.T.: -0.010 min
Response: 1654923
Conc: 25.32 ng/ml



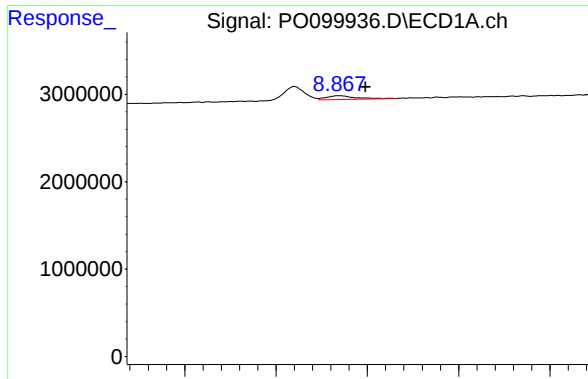
#38 AR-1262-3

R.T.: 8.820 min
Delta R.T.: 0.013 min
Response: 2495147
Conc: 34.01 ng/ml



#38 AR-1262-3

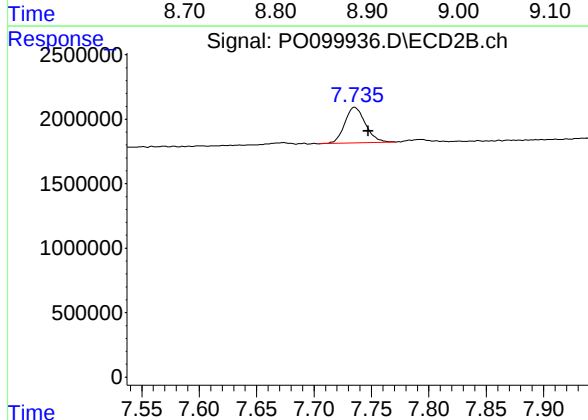
R.T.: 7.691 min
Delta R.T.: 0.008 min
Response: 27206
Conc: 0.53 ng/ml



#39 AR-1262-4

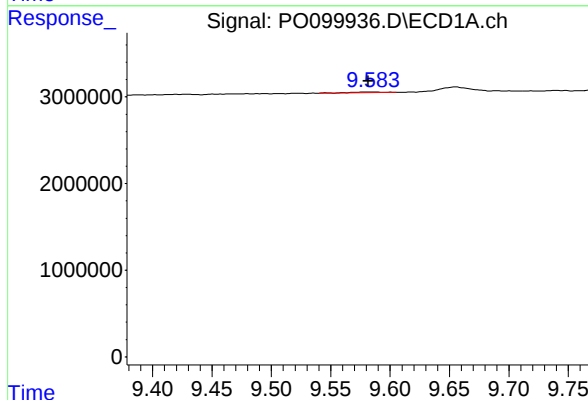
R.T.: 8.868 min
Delta R.T.: -0.030 min
Response: 987385
Conc: 17.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



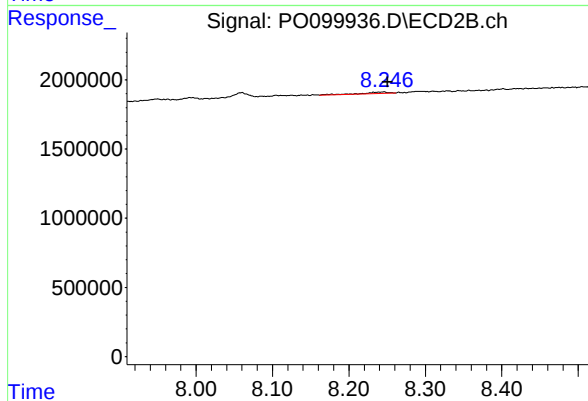
#39 AR-1262-4

R.T.: 7.735 min
Delta R.T.: -0.012 min
Response: 3492208
Conc: 39.19 ng/ml



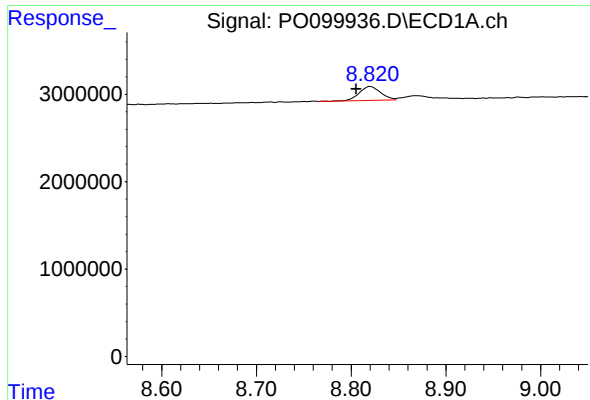
#40 AR-1262-5

R.T.: 9.584 min
Delta R.T.: 0.003 min
Response: 150646
Conc: 4.60 ng/ml



#40 AR-1262-5

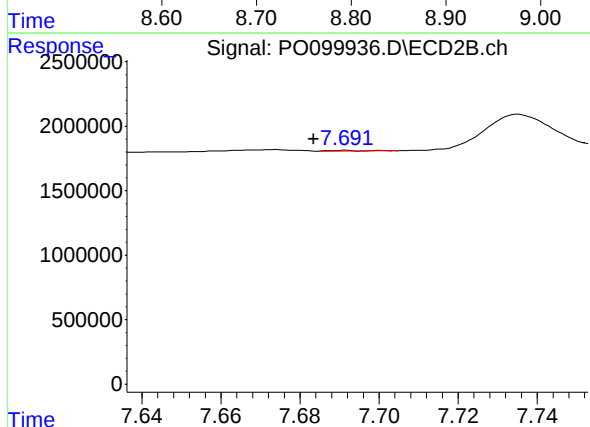
R.T.: 8.246 min
Delta R.T.: -0.005 min
Response: 268961
Conc: 6.90 ng/ml



#41 AR-1268-1

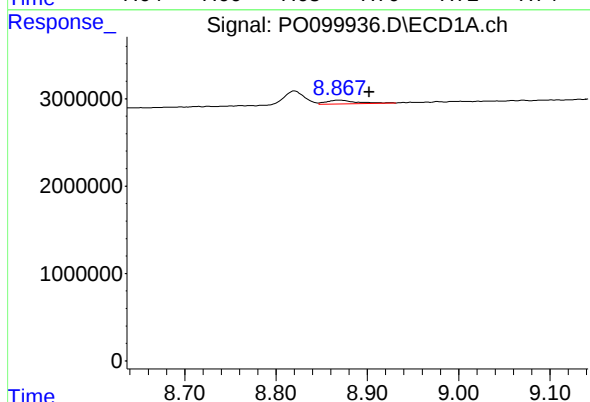
R.T.: 8.820 min
Delta R.T.: 0.015 min
Response: 2495147
Conc: 18.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



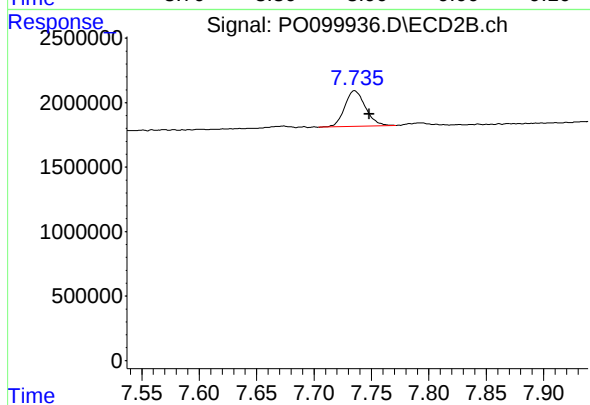
#41 AR-1268-1

R.T.: 7.691 min
Delta R.T.: 0.008 min
Response: 27206
Conc: 0.19 ng/ml



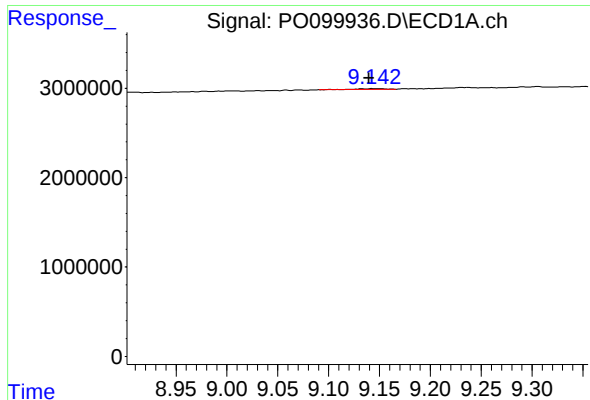
#42 AR-1268-2

R.T.: 8.868 min
Delta R.T.: -0.034 min
Response: 987385
Conc: 8.61 ng/ml



#42 AR-1268-2

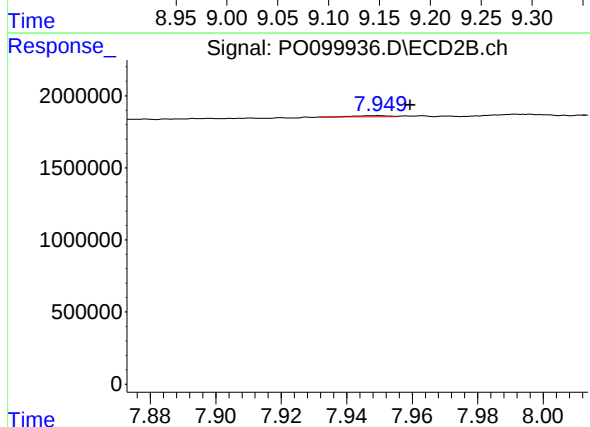
R.T.: 7.735 min
Delta R.T.: -0.013 min
Response: 3492208
Conc: 26.81 ng/ml



#43 AR-1268-3

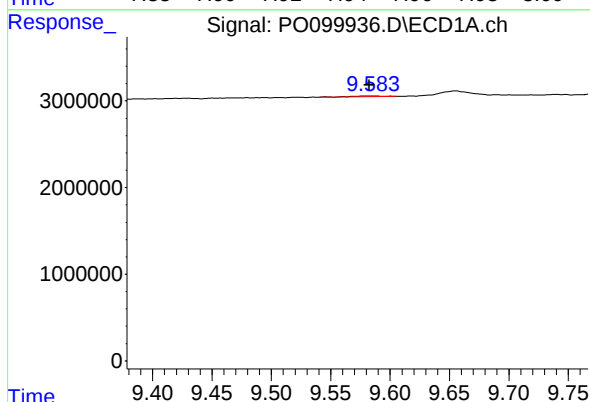
R.T.: 9.145 min
Delta R.T.: 0.005 min
Response: 172377
Conc: 1.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



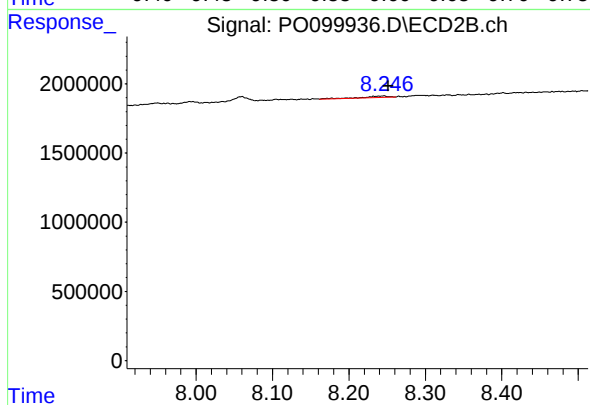
#43 AR-1268-3

R.T.: 7.949 min
Delta R.T.: -0.010 min
Response: 60982
Conc: 0.50 ng/ml



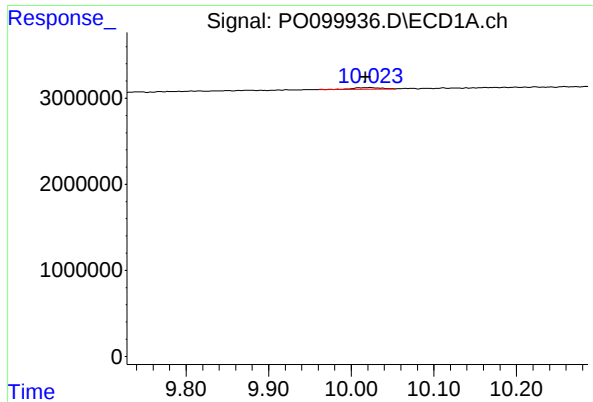
#44 AR-1268-4

R.T.: 9.584 min
Delta R.T.: 0.002 min
Response: 150646
Conc: 4.31 ng/ml



#44 AR-1268-4

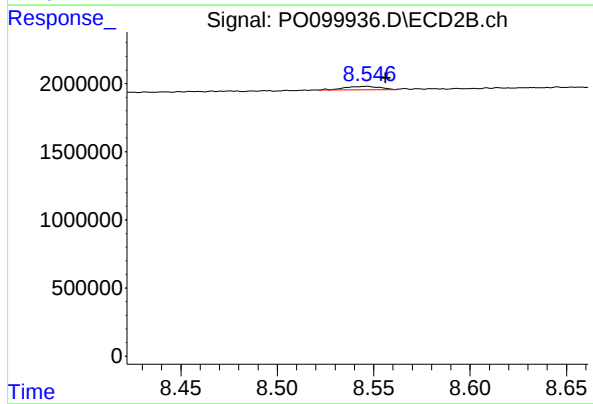
R.T.: 8.246 min
Delta R.T.: -0.006 min
Response: 268961
Conc: 6.24 ng/ml



#45 AR-1268-5

R.T.: 10.023 min
Delta R.T.: 0.006 min
Response: 439533
Conc: 1.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.546 min
Delta R.T.: -0.010 min
Response: 317392
Conc: 0.91 ng/ml