

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0112223\
 Data File : P0100020.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Nov 2023 17:26
 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 22 22:55:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0112123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 21 15:58:40 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...	4.483	3.706	77648870	67679638	45.493	45.123
2) SA Decachlor...	10.371	8.805	37584440	52218830	51.744	46.666
Target Compounds						
3) L1 AR-1016-1	5.670	4.812	522915	463820	12.153	14.689
4) L1 AR-1016-2	5.694	4.833	691691	387805	10.684	8.969
5) L1 AR-1016-3	5.759	5.011	306626	235254	7.035	10.144 #
6) L1 AR-1016-4	5.854	5.054	285445	9514287	8.647	464.085 #
7) L1 AR-1016-5	6.156	5.270	7128745	5562420	227.042	218.115
8) L2 AR-1221-1	4.711	3.924	27731	77979	1.345	4.102 #
9) L2 AR-1221-2	4.795	4.012	1253181	991079	82.969	76.053
10) L2 AR-1221-3	4.859	4.089	204189	205895	4.550	5.732 #
11) L3 AR-1232-1	4.859	4.089	204189	205895	5.723	7.016
12) L3 AR-1232-2	5.399	4.833	295508	387805	16.979	19.555
13) L3 AR-1232-3	5.694	5.011	691691	235254	24.409	22.701
14) L3 AR-1232-4	5.854	5.095	285445	2825898	20.548	284.300 #
15) L3 AR-1232-5	5.949	5.270	13111801	5562420	1068.412	515.031 #
16) L4 AR-1242-1	5.670	4.812	522915	463820	15.094	17.648
17) L4 AR-1242-2	5.694	4.833	691691	387805	13.181	11.029
18) L4 AR-1242-3	5.759	5.011	306626	235254	8.810	12.285 #
19) L4 AR-1242-4	5.854	5.095	285445	2825898	10.857	140.298 #
20) L4 AR-1242-5	6.607	5.628	6192164	23163567	276.944	991.345 #
21) L5 AR-1248-1	5.670	4.812	522915	463820	20.227	23.201
22) L5 AR-1248-2	5.949	5.054	13111801	9514287	320.607	340.029
23) L5 AR-1248-3	6.156	5.095	7128745	2825898	166.431	97.857 #
24) L5 AR-1248-4	6.563	5.270	8785680	5562420	233.095	169.640 #
25) L5 AR-1248-5	6.607	5.669	6192164	2568856	167.660	85.996 #
26) L6 AR-1254-1	6.538	5.628	21495669	23163567	446.404	446.853
27) L6 AR-1254-2	6.760	5.776	31161287	21070929	454.376	452.479
28) L6 AR-1254-3	7.130	6.185	30104892	35339302	472.549	453.122
29) L6 AR-1254-4	7.419	6.415	19177608	20309210	507.292	475.884
30) L6 AR-1254-5	7.844	6.837	21622556	34098570	505.173	471.215
31) L7 AR-1260-1	7.297	6.316	12724887	17684231	238.990	306.039 #
32) L7 AR-1260-2	7.557	6.505	12730665	14642602	240.668	220.466
33) L7 AR-1260-3	7.905	6.661	2790165	15149216	78.222	236.753 #
34) L7 AR-1260-4	8.135	7.138	8116727	1706966	196.112	33.851 #
35) L7 AR-1260-5	8.480	7.380	2977617	4462548	44.575	39.808
36) L8 AR-1262-1	7.844	6.837	21622556	34098570	597.774	892.139 #
37) L8 AR-1262-2	8.480	7.138	2977617	1706966	35.070	22.630 #
38) L8 AR-1262-3	8.819	7.664	2235859	194723	37.117	3.343 #
39) L8 AR-1262-4	8.887	7.730	50984	3811345	1.058	37.082 #
40) L8 AR-1262-5	9.576	8.237	63244	257529	2.422	5.910 #
41) L9 AR-1268-1	8.819	7.664	2235859	194723	20.256	1.172 #

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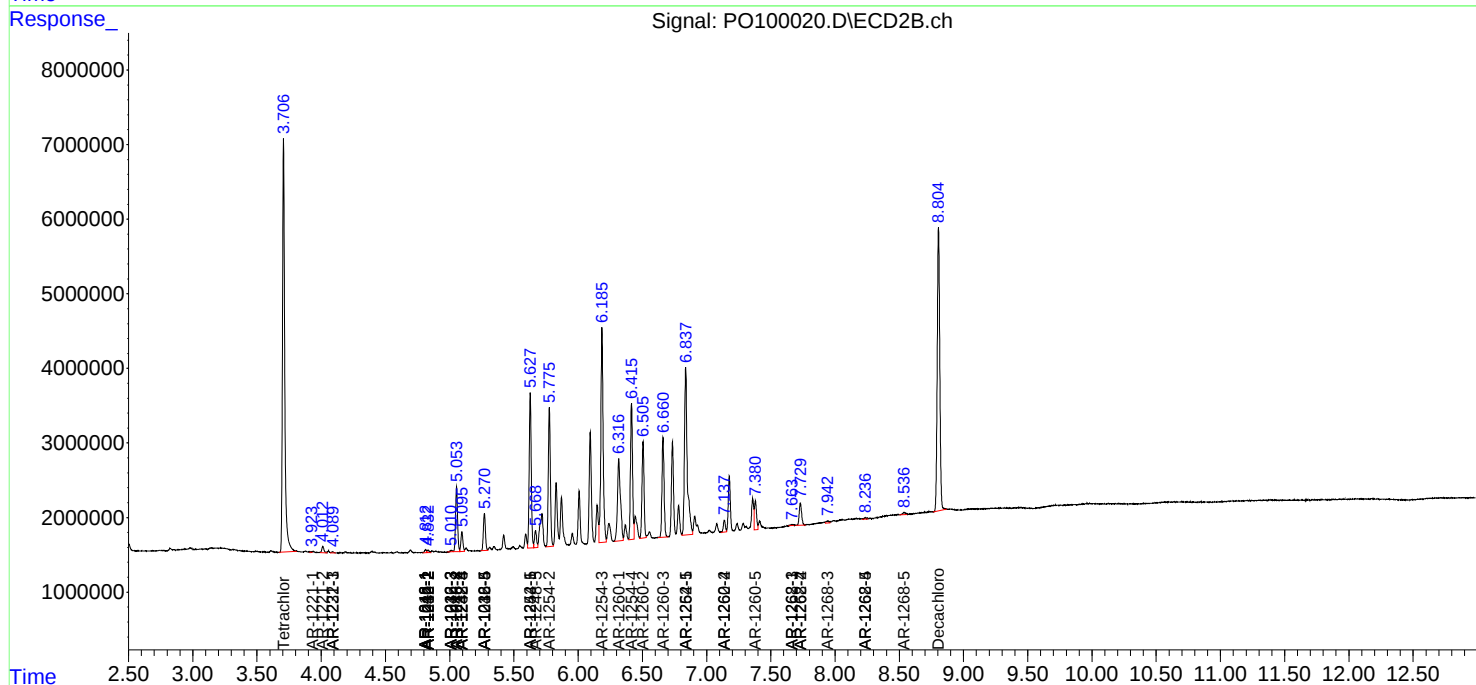
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

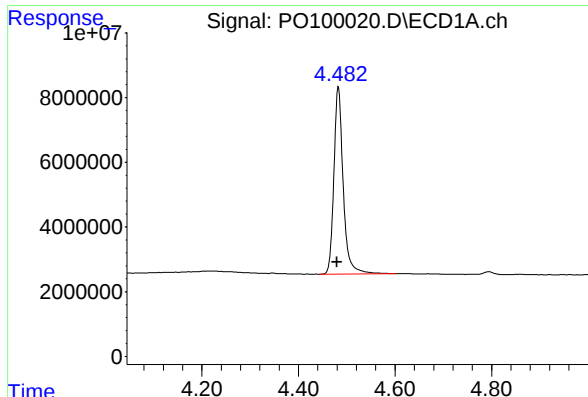
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.887	7.730	50984	3811345	0.530	24.969 #
43) L9	AR-1268-3	9.137	7.943	89632	405436	0.994	2.829 #
44) L9	AR-1268-4	9.576	8.237	63244	257529	2.224	5.481 #
45) L9	AR-1268-5	10.001	8.537	74506	421679	0.296	1.059 #

(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

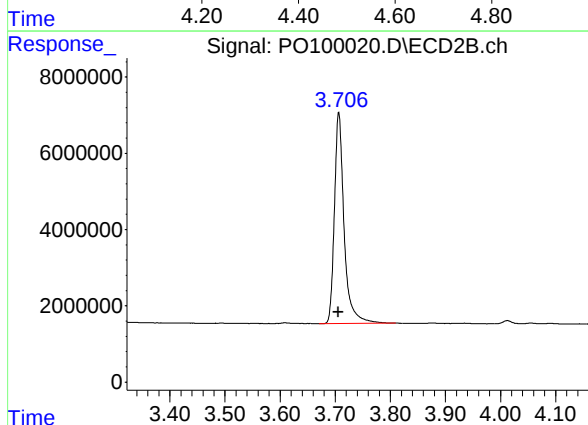




#1 Tetrachloro-m-xylene

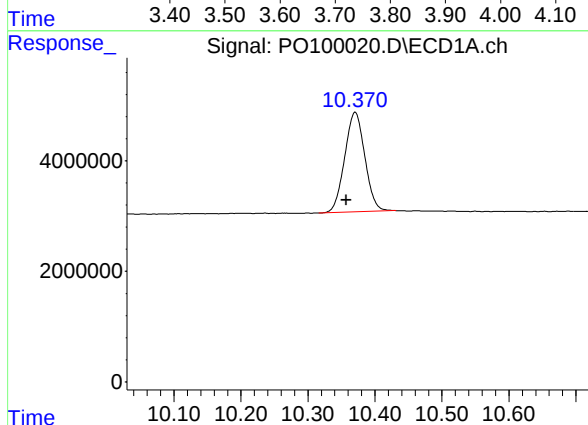
R.T.: 4.483 min
Delta R.T.: 0.003 min
Response: 77648870
Conc: 45.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



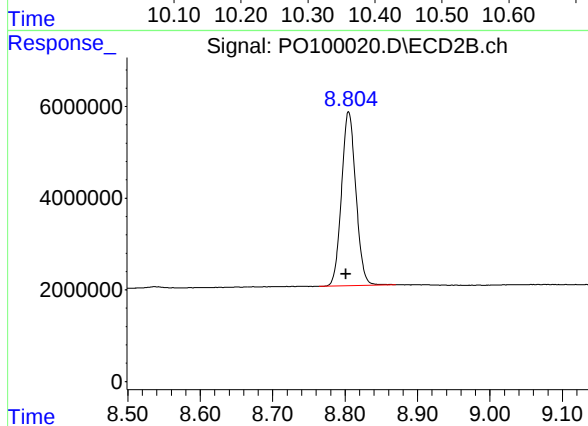
#1 Tetrachloro-m-xylene

R.T.: 3.706 min
Delta R.T.: 0.000 min
Response: 67679638
Conc: 45.12 ng/ml



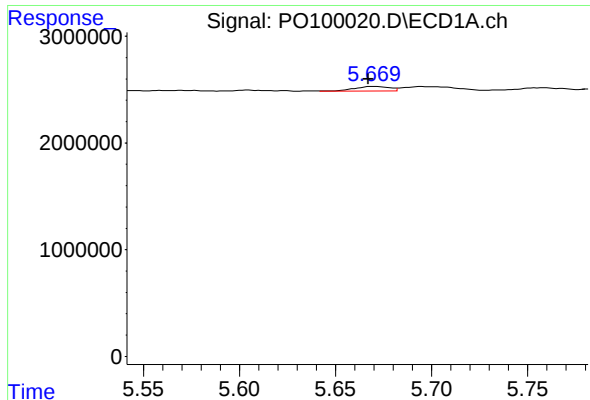
#2 Decachlorobiphenyl

R.T.: 10.371 min
Delta R.T.: 0.014 min
Response: 37584440
Conc: 51.74 ng/ml



#2 Decachlorobiphenyl

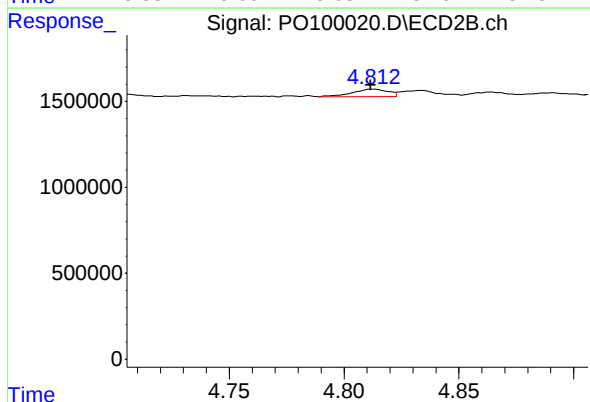
R.T.: 8.805 min
Delta R.T.: 0.004 min
Response: 52218830
Conc: 46.67 ng/ml



#3 AR-1016-1

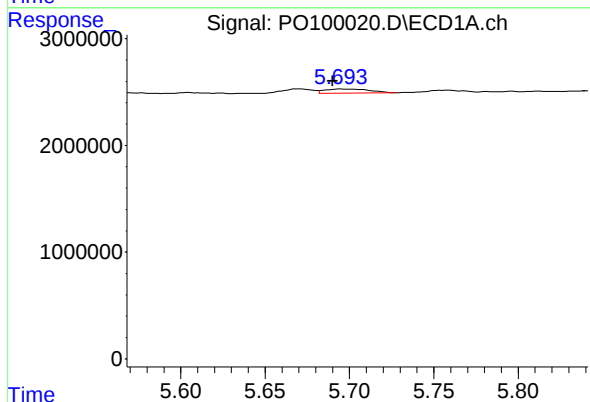
R.T.: 5.670 min
Delta R.T.: 0.003 min
Response: 522915
Conc: 12.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



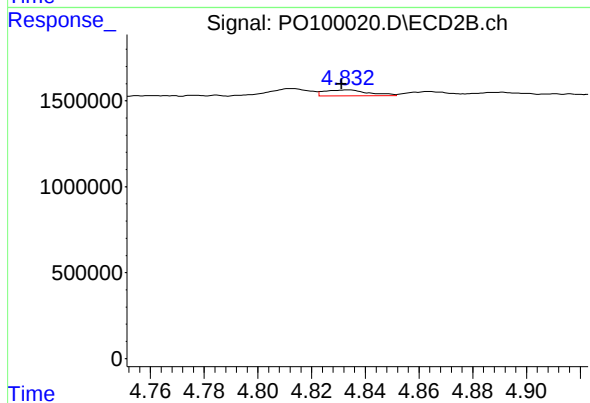
#3 AR-1016-1

R.T.: 4.812 min
Delta R.T.: 0.000 min
Response: 463820
Conc: 14.69 ng/ml



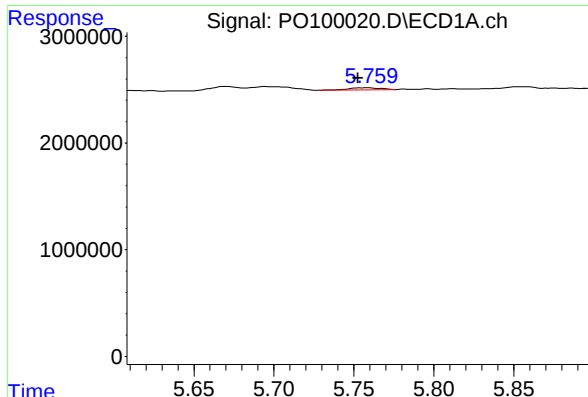
#4 AR-1016-2

R.T.: 5.694 min
Delta R.T.: 0.004 min
Response: 691691
Conc: 10.68 ng/ml



#4 AR-1016-2

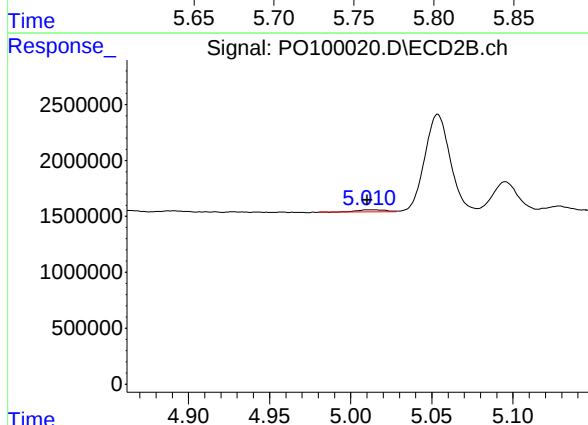
R.T.: 4.833 min
Delta R.T.: 0.002 min
Response: 387805
Conc: 8.97 ng/ml



#5 AR-1016-3

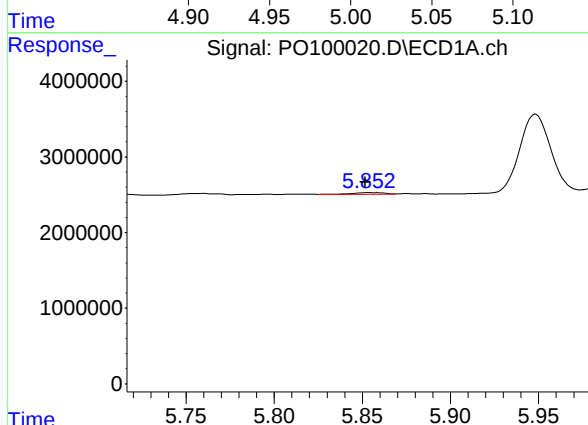
R.T.: 5.759 min
Delta R.T.: 0.007 min
Response: 306626
Conc: 7.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



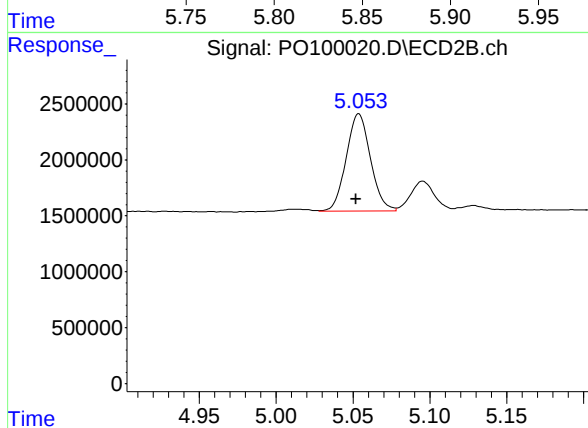
#5 AR-1016-3

R.T.: 5.011 min
Delta R.T.: 0.000 min
Response: 235254
Conc: 10.14 ng/ml



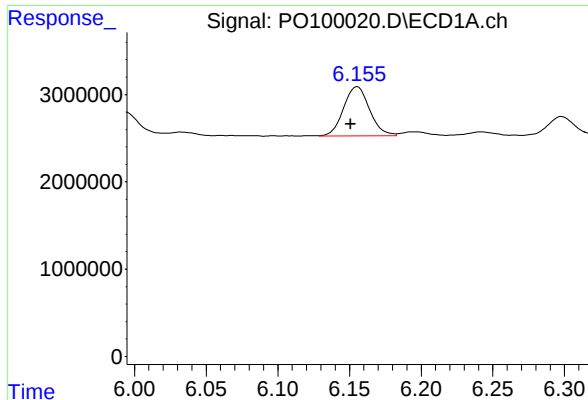
#6 AR-1016-4

R.T.: 5.854 min
Delta R.T.: 0.002 min
Response: 285445
Conc: 8.65 ng/ml



#6 AR-1016-4

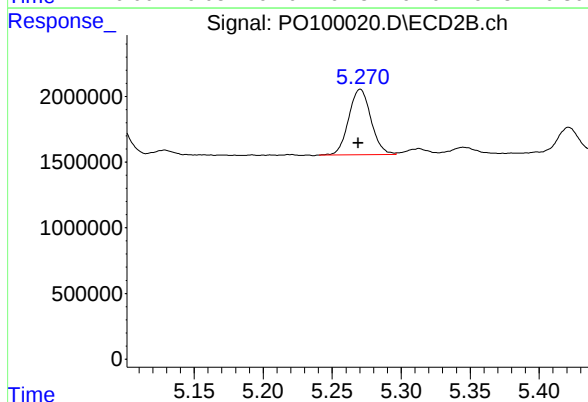
R.T.: 5.054 min
Delta R.T.: 0.002 min
Response: 9514287
Conc: 464.08 ng/ml



#7 AR-1016-5

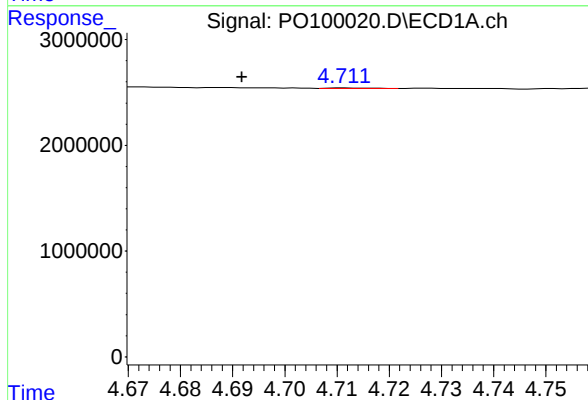
R.T.: 6.156 min
Delta R.T.: 0.005 min
Response: 7128745
Conc: 227.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



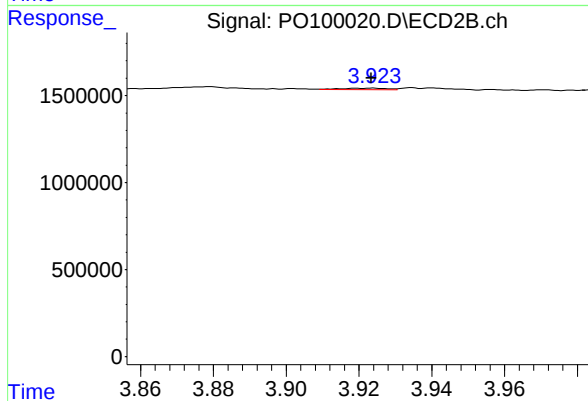
#7 AR-1016-5

R.T.: 5.270 min
Delta R.T.: 0.001 min
Response: 5562420
Conc: 218.12 ng/ml



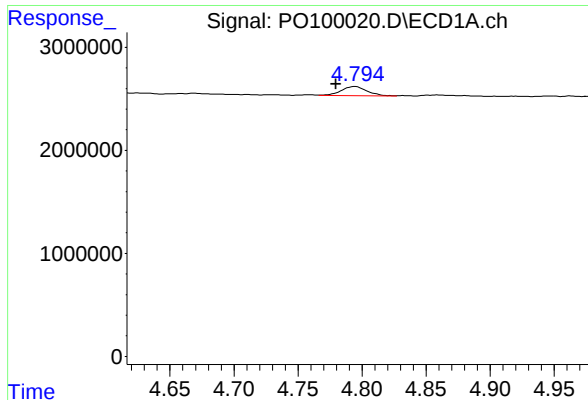
#8 AR-1221-1

R.T.: 4.711 min
Delta R.T.: 0.020 min
Response: 27731
Conc: 1.35 ng/ml



#8 AR-1221-1

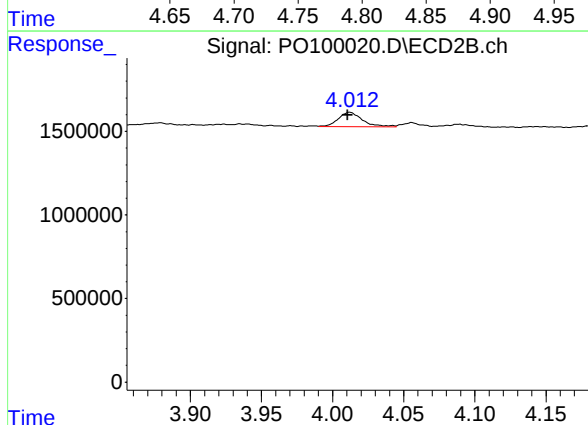
R.T.: 3.924 min
Delta R.T.: 0.000 min
Response: 77979
Conc: 4.10 ng/ml



#9 AR-1221-2

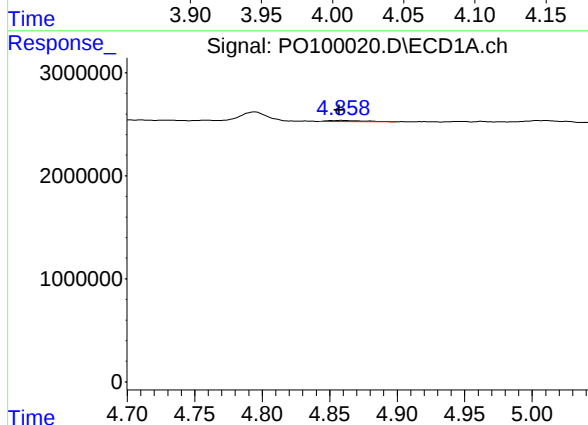
R.T.: 4.795 min
Delta R.T.: 0.015 min
Response: 1253181
Conc: 82.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



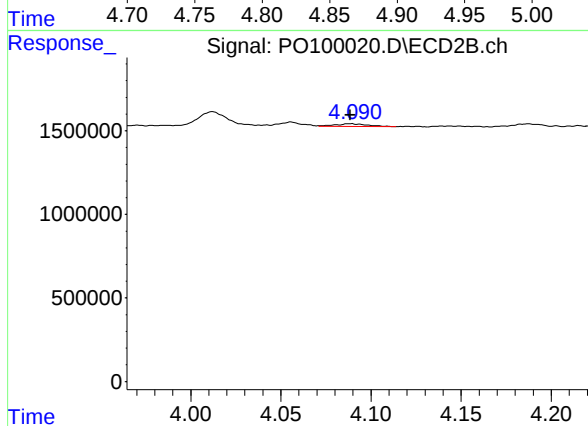
#9 AR-1221-2

R.T.: 4.012 min
Delta R.T.: 0.002 min
Response: 991079
Conc: 76.05 ng/ml



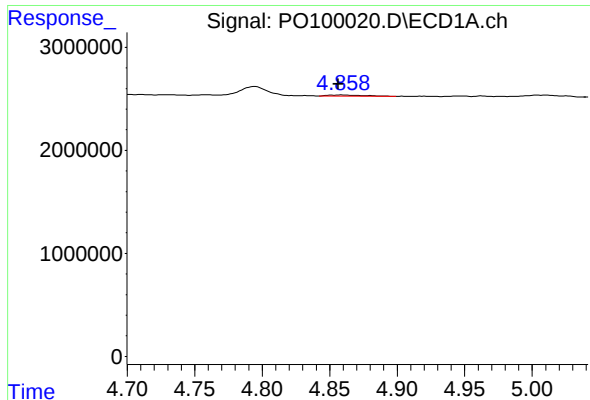
#10 AR-1221-3

R.T.: 4.859 min
Delta R.T.: 0.002 min
Response: 204189
Conc: 4.55 ng/ml



#10 AR-1221-3

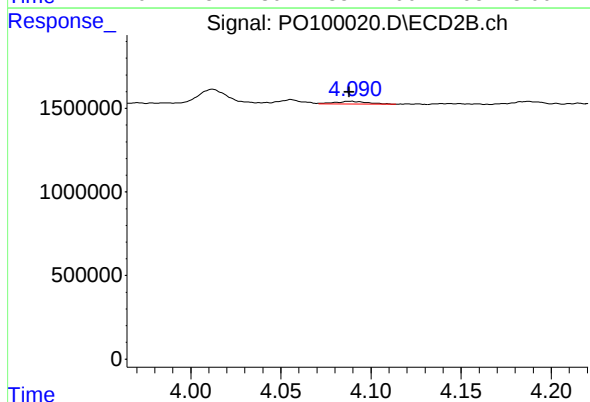
R.T.: 4.089 min
Delta R.T.: 0.000 min
Response: 205895
Conc: 5.73 ng/ml



#11 AR-1232-1

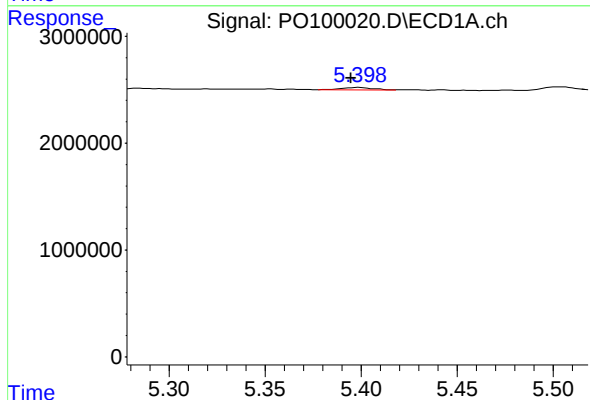
R.T.: 4.859 min
Delta R.T.: 0.003 min
Response: 204189
Conc: 5.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



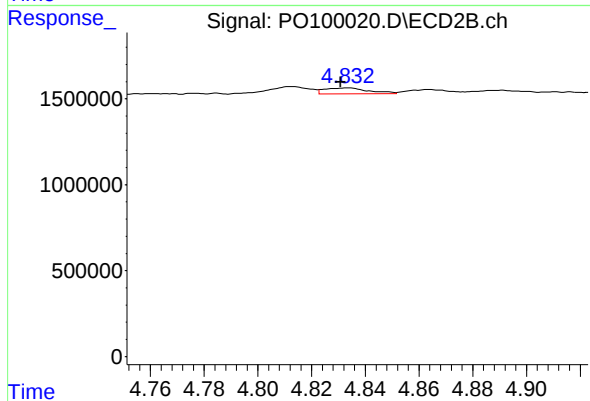
#11 AR-1232-1

R.T.: 4.089 min
Delta R.T.: 0.000 min
Response: 205895
Conc: 7.02 ng/ml



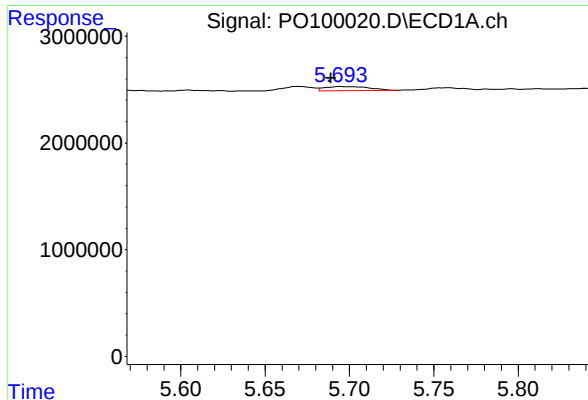
#12 AR-1232-2

R.T.: 5.399 min
Delta R.T.: 0.004 min
Response: 295508
Conc: 16.98 ng/ml



#12 AR-1232-2

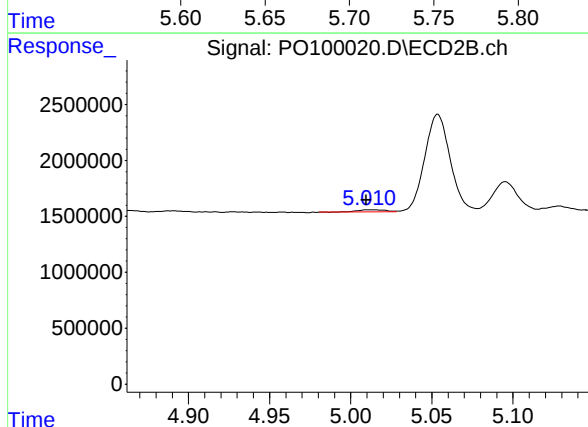
R.T.: 4.833 min
Delta R.T.: 0.003 min
Response: 387805
Conc: 19.56 ng/ml



#13 AR-1232-3

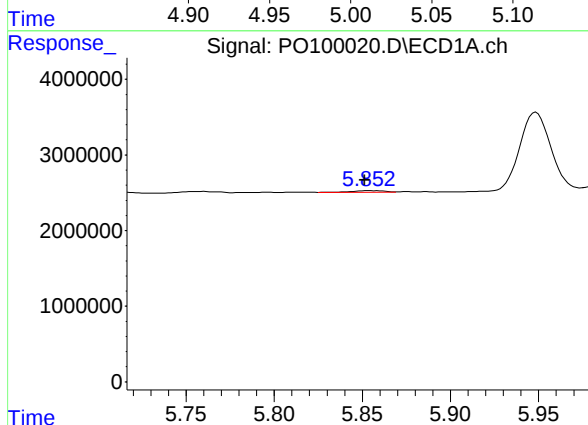
R.T.: 5.694 min
Delta R.T.: 0.005 min
Response: 691691
Conc: 24.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



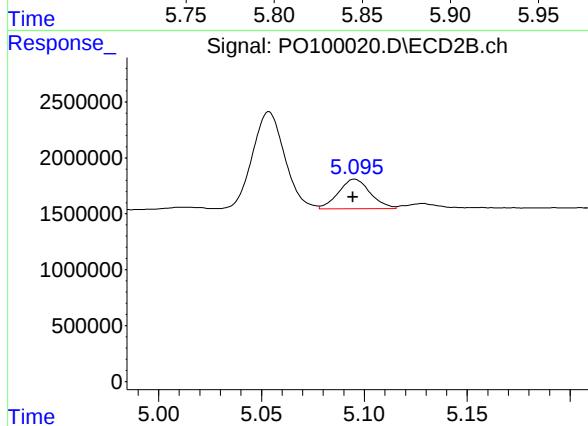
#13 AR-1232-3

R.T.: 5.011 min
Delta R.T.: 0.000 min
Response: 235254
Conc: 22.70 ng/ml



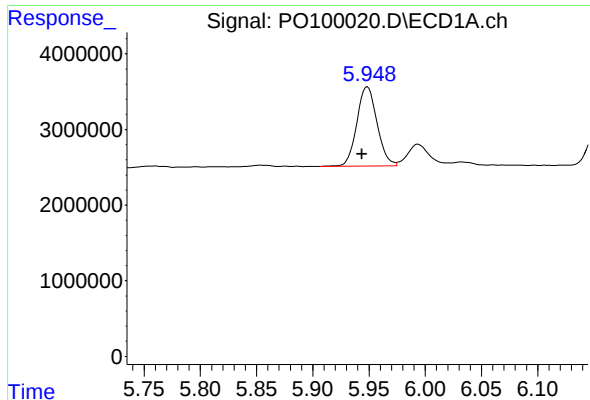
#14 AR-1232-4

R.T.: 5.854 min
Delta R.T.: 0.003 min
Response: 285445
Conc: 20.55 ng/ml



#14 AR-1232-4

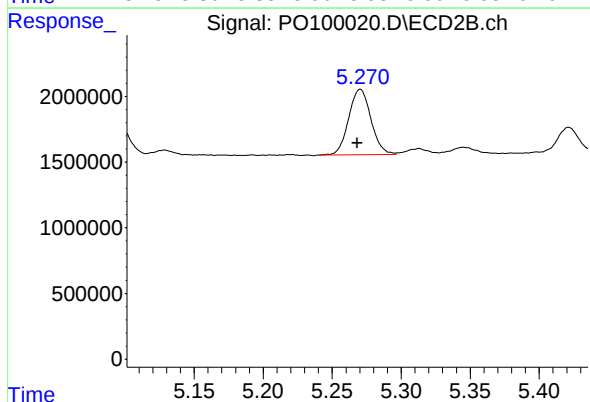
R.T.: 5.095 min
Delta R.T.: 0.000 min
Response: 2825898
Conc: 284.30 ng/ml



#15 AR-1232-5

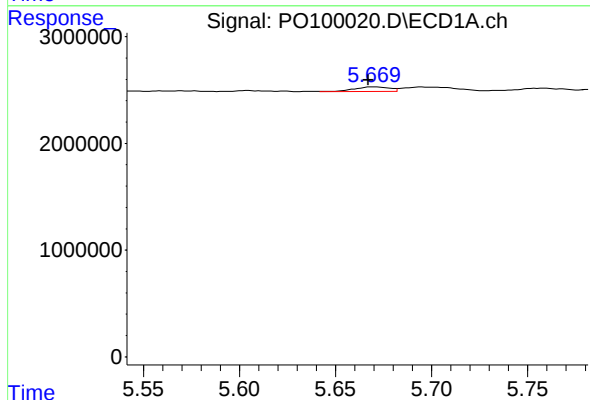
R.T.: 5.949 min
Delta R.T.: 0.005 min
Response: 13111801
Conc: 1068.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



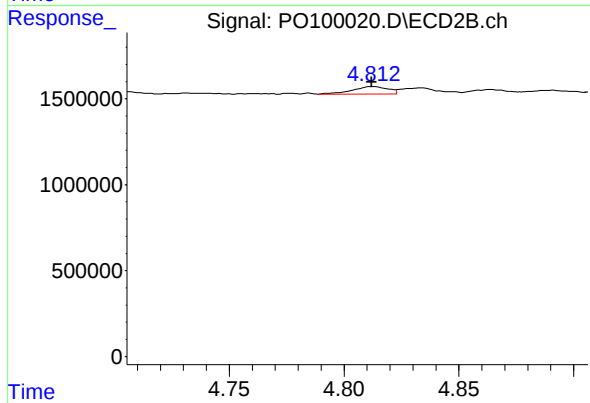
#15 AR-1232-5

R.T.: 5.270 min
Delta R.T.: 0.002 min
Response: 5562420
Conc: 515.03 ng/ml



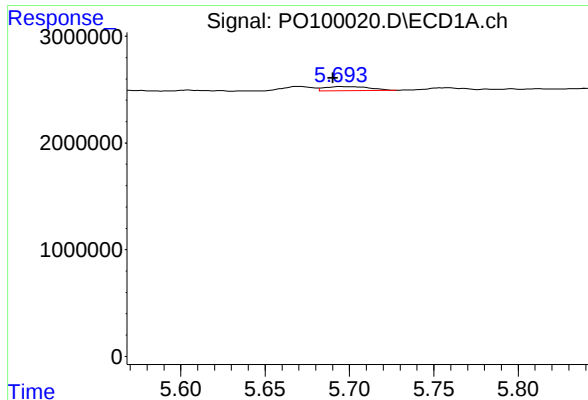
#16 AR-1242-1

R.T.: 5.670 min
Delta R.T.: 0.003 min
Response: 522915
Conc: 15.09 ng/ml



#16 AR-1242-1

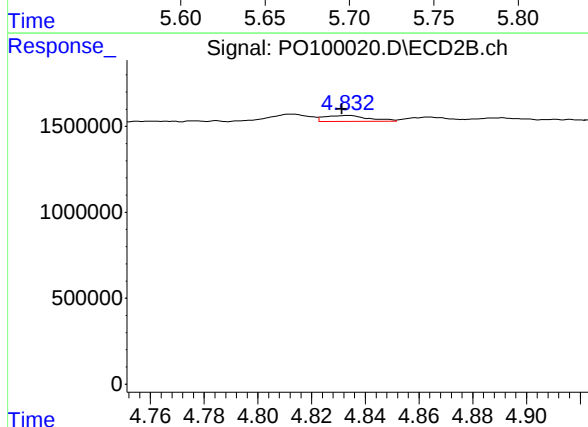
R.T.: 4.812 min
Delta R.T.: 0.000 min
Response: 463820
Conc: 17.65 ng/ml



#17 AR-1242-2

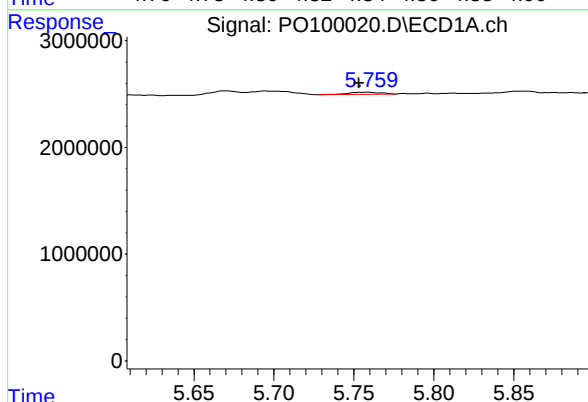
R.T.: 5.694 min
Delta R.T.: 0.004 min
Response: 691691
Conc: 13.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



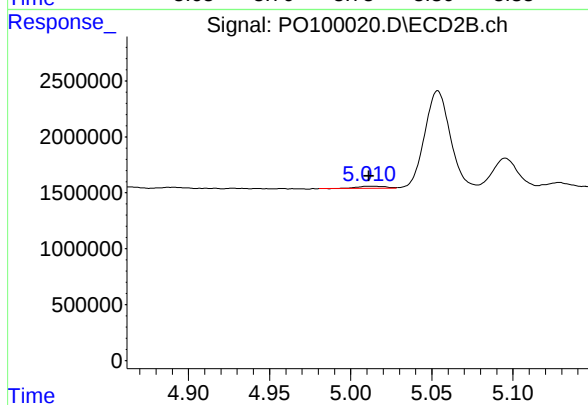
#17 AR-1242-2

R.T.: 4.833 min
Delta R.T.: 0.002 min
Response: 387805
Conc: 11.03 ng/ml



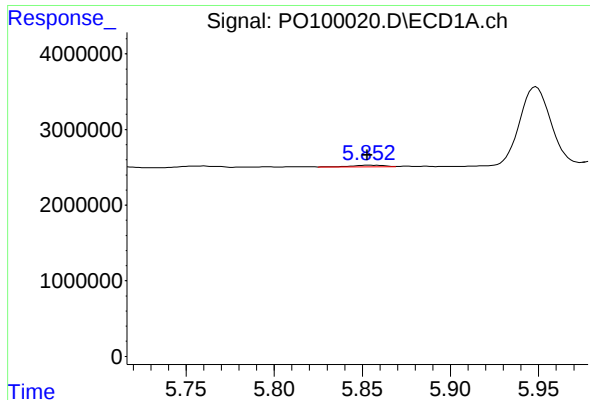
#18 AR-1242-3

R.T.: 5.759 min
Delta R.T.: 0.006 min
Response: 306626
Conc: 8.81 ng/ml



#18 AR-1242-3

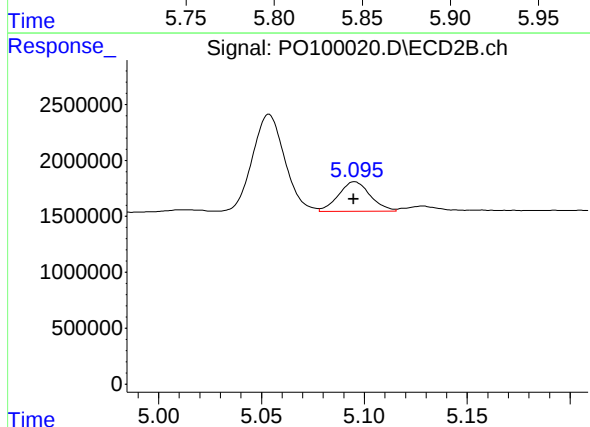
R.T.: 5.011 min
Delta R.T.: 0.000 min
Response: 235254
Conc: 12.28 ng/ml



#19 AR-1242-4

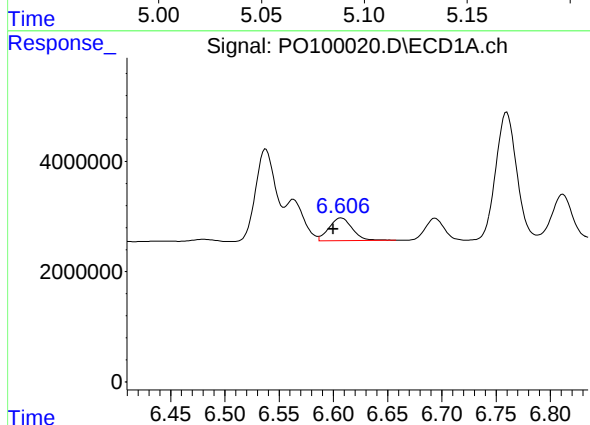
R.T.: 5.854 min
Delta R.T.: 0.001 min
Response: 285445
Conc: 10.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



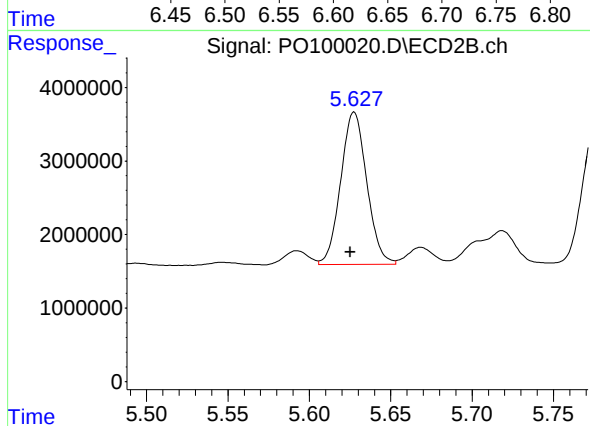
#19 AR-1242-4

R.T.: 5.095 min
Delta R.T.: 0.000 min
Response: 2825898
Conc: 140.30 ng/ml



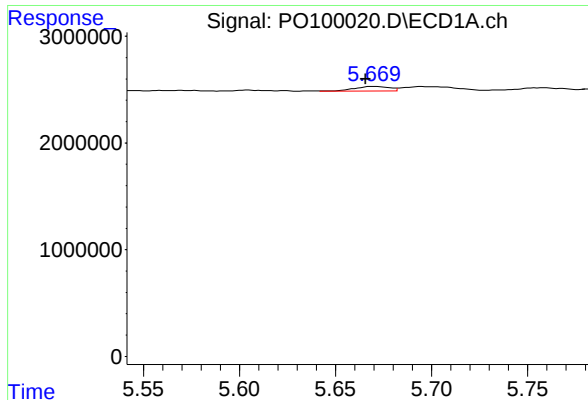
#20 AR-1242-5

R.T.: 6.607 min
Delta R.T.: 0.007 min
Response: 6192164
Conc: 276.94 ng/ml



#20 AR-1242-5

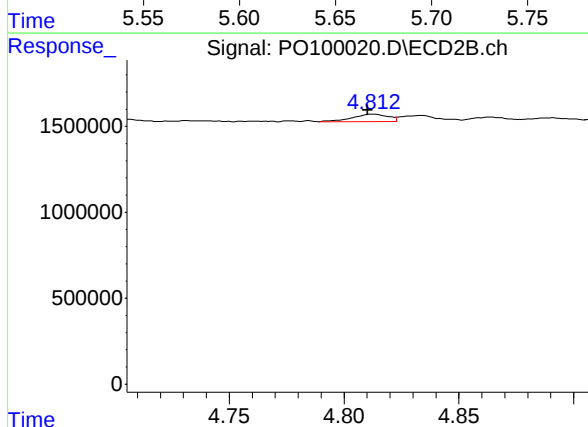
R.T.: 5.628 min
Delta R.T.: 0.002 min
Response: 23163567
Conc: 991.34 ng/ml



#21 AR-1248-1

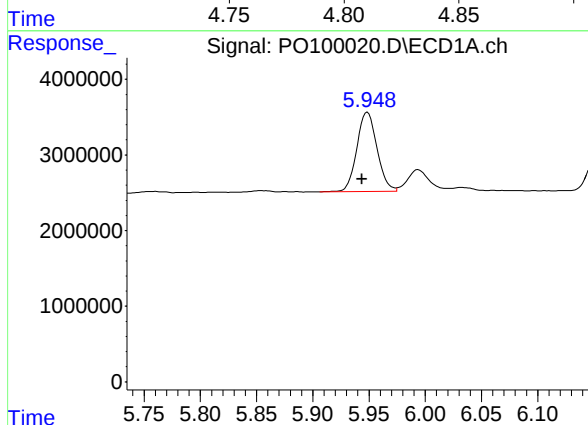
R.T.: 5.670 min
Delta R.T.: 0.004 min
Response: 522915
Conc: 20.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



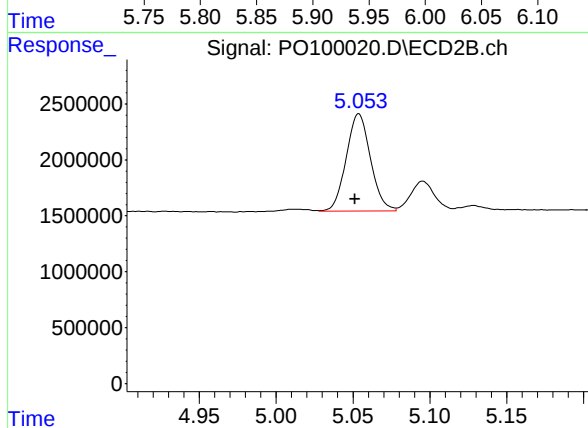
#21 AR-1248-1

R.T.: 4.812 min
Delta R.T.: 0.002 min
Response: 463820
Conc: 23.20 ng/ml



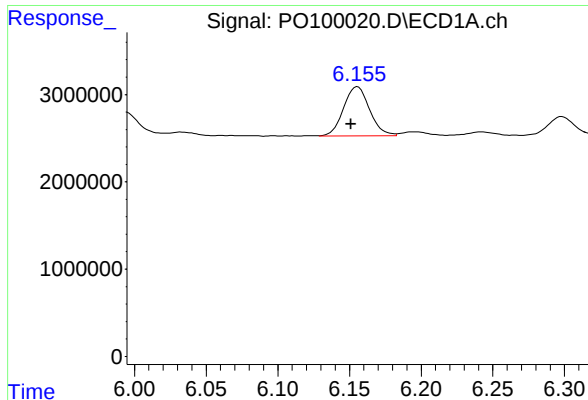
#22 AR-1248-2

R.T.: 5.949 min
Delta R.T.: 0.005 min
Response: 13111801
Conc: 320.61 ng/ml



#22 AR-1248-2

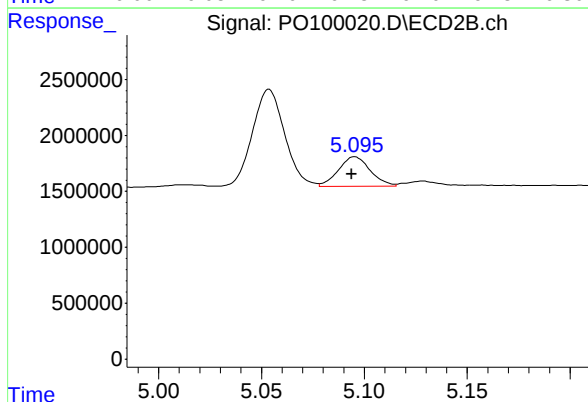
R.T.: 5.054 min
Delta R.T.: 0.002 min
Response: 9514287
Conc: 340.03 ng/ml



#23 AR-1248-3

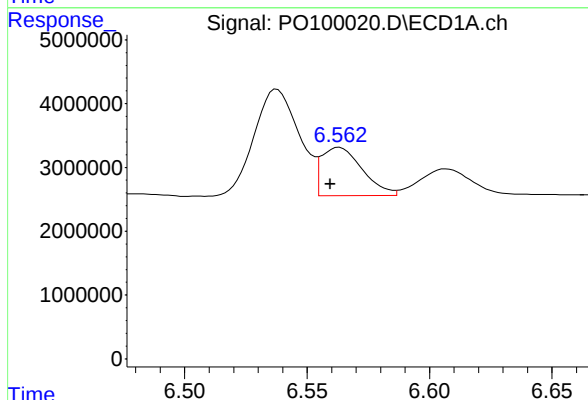
R.T.: 6.156 min
Delta R.T.: 0.005 min
Response: 7128745
Conc: 166.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



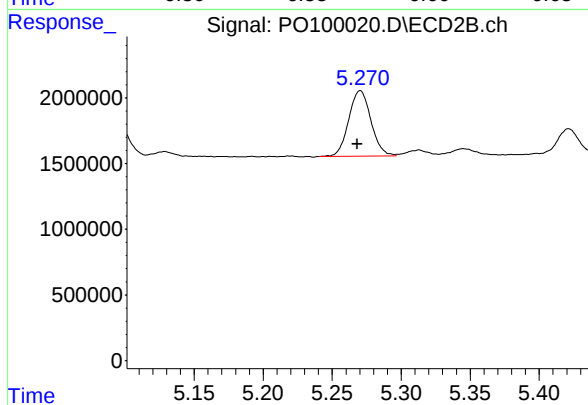
#23 AR-1248-3

R.T.: 5.095 min
Delta R.T.: 0.001 min
Response: 2825898
Conc: 97.86 ng/ml



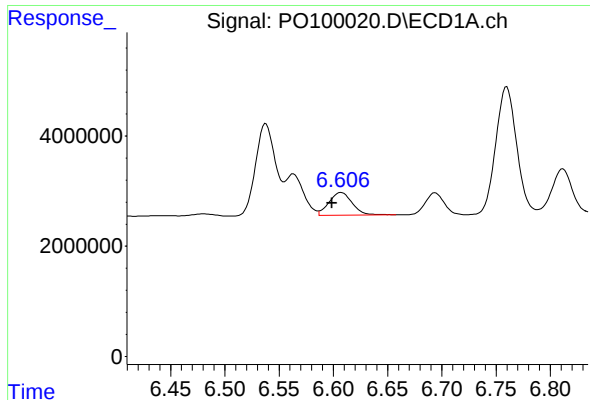
#24 AR-1248-4

R.T.: 6.563 min
Delta R.T.: 0.004 min
Response: 8785680
Conc: 233.10 ng/ml



#24 AR-1248-4

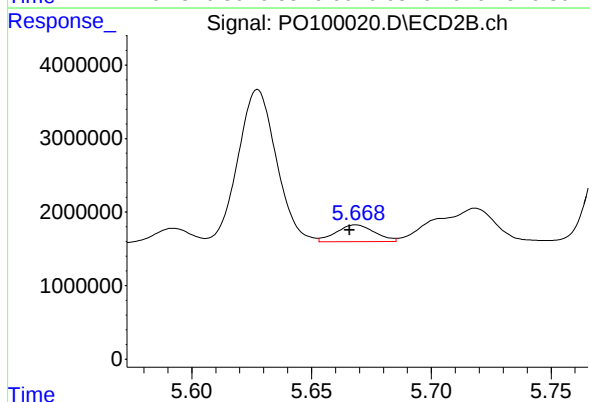
R.T.: 5.270 min
Delta R.T.: 0.002 min
Response: 5562420
Conc: 169.64 ng/ml



#25 AR-1248-5

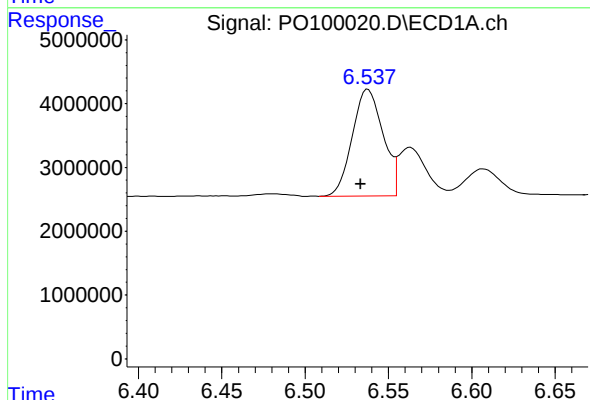
R.T.: 6.607 min
Delta R.T.: 0.008 min
Response: 6192164
Conc: 167.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



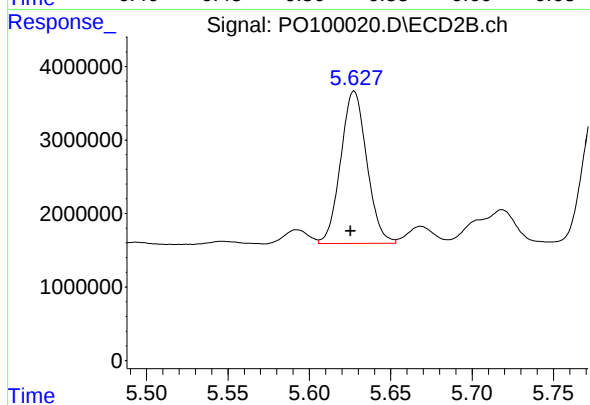
#25 AR-1248-5

R.T.: 5.669 min
Delta R.T.: 0.003 min
Response: 2568856
Conc: 86.00 ng/ml



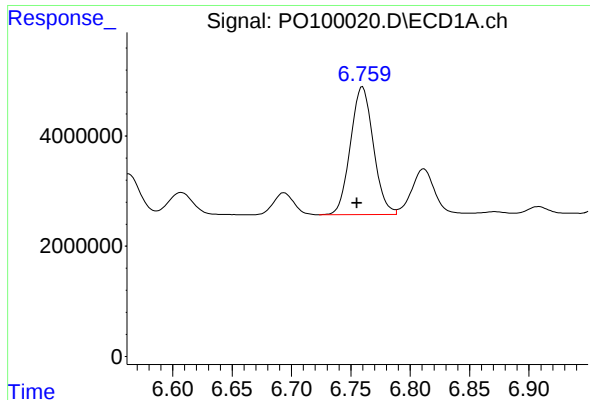
#26 AR-1254-1

R.T.: 6.538 min
Delta R.T.: 0.004 min
Response: 21495669
Conc: 446.40 ng/ml



#26 AR-1254-1

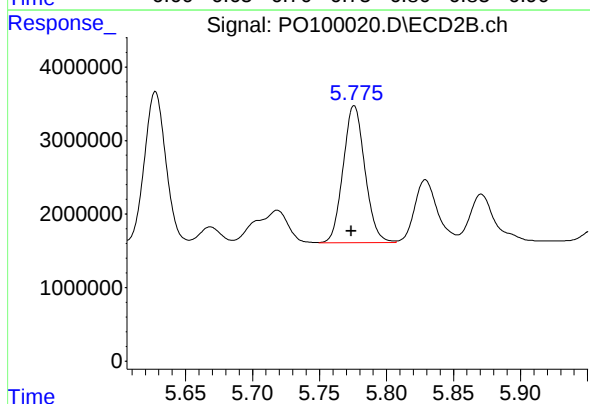
R.T.: 5.628 min
Delta R.T.: 0.002 min
Response: 23163567
Conc: 446.85 ng/ml



#27 AR-1254-2

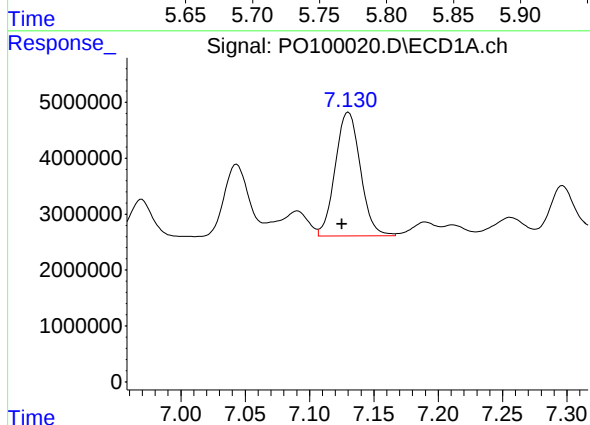
R.T.: 6.760 min
Delta R.T.: 0.005 min
Response: 31161287
Conc: 454.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



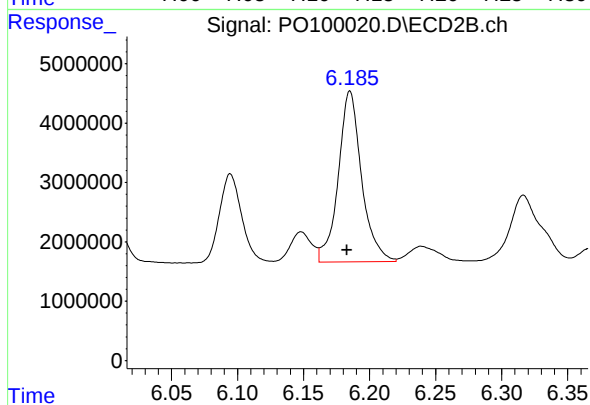
#27 AR-1254-2

R.T.: 5.776 min
Delta R.T.: 0.002 min
Response: 21070929
Conc: 452.48 ng/ml



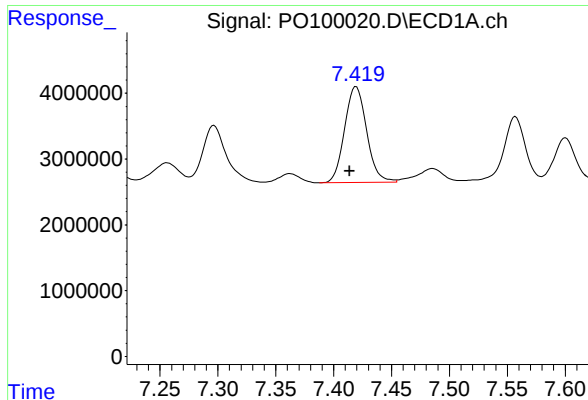
#28 AR-1254-3

R.T.: 7.130 min
Delta R.T.: 0.005 min
Response: 30104892
Conc: 472.55 ng/ml



#28 AR-1254-3

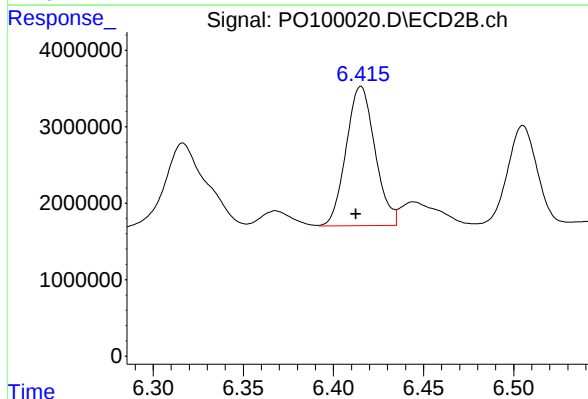
R.T.: 6.185 min
Delta R.T.: 0.002 min
Response: 35339302
Conc: 453.12 ng/ml



#29 AR-1254-4

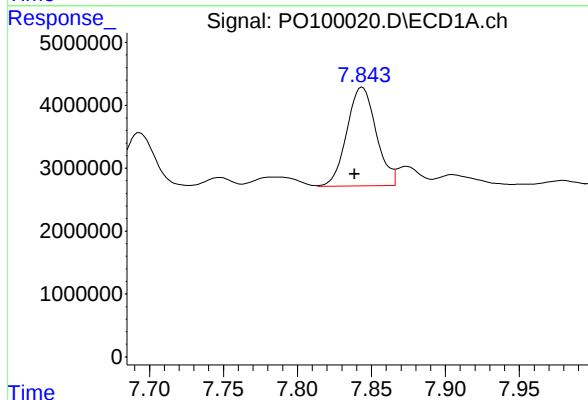
R.T.: 7.419 min
Delta R.T.: 0.005 min
Response: 19177608
Conc: 507.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



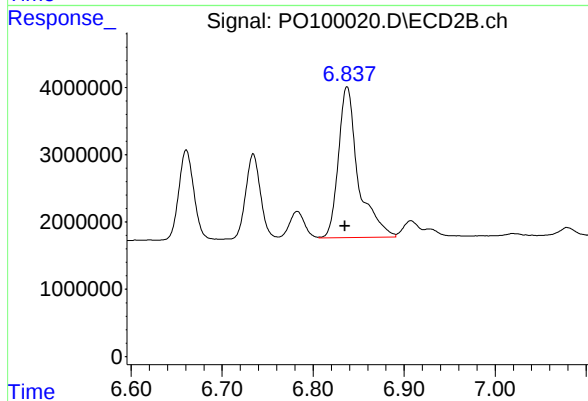
#29 AR-1254-4

R.T.: 6.415 min
Delta R.T.: 0.003 min
Response: 20309210
Conc: 475.88 ng/ml



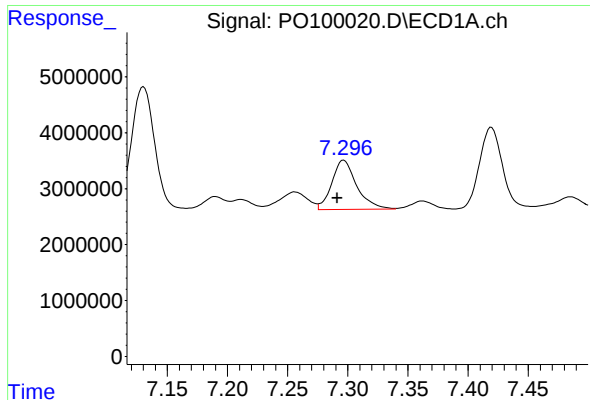
#30 AR-1254-5

R.T.: 7.844 min
Delta R.T.: 0.005 min
Response: 21622556
Conc: 505.17 ng/ml



#30 AR-1254-5

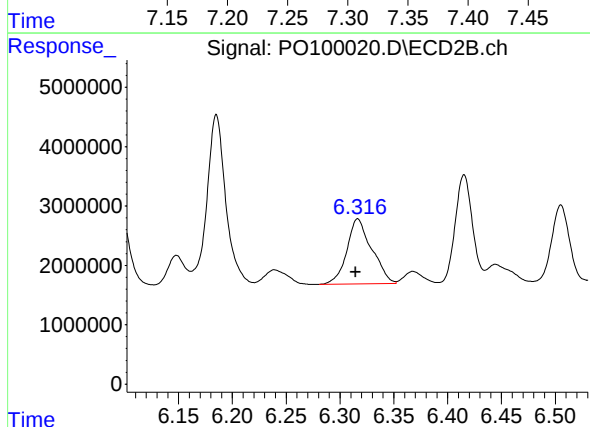
R.T.: 6.837 min
Delta R.T.: 0.002 min
Response: 34098570
Conc: 471.22 ng/ml



#31 AR-1260-1

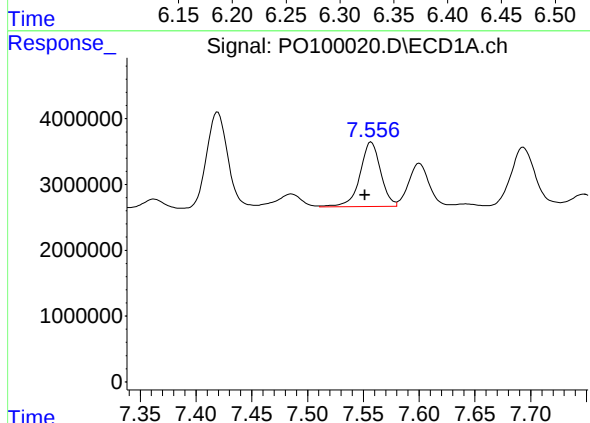
R.T.: 7.297 min
Delta R.T.: 0.006 min
Response: 12724887
Conc: 238.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



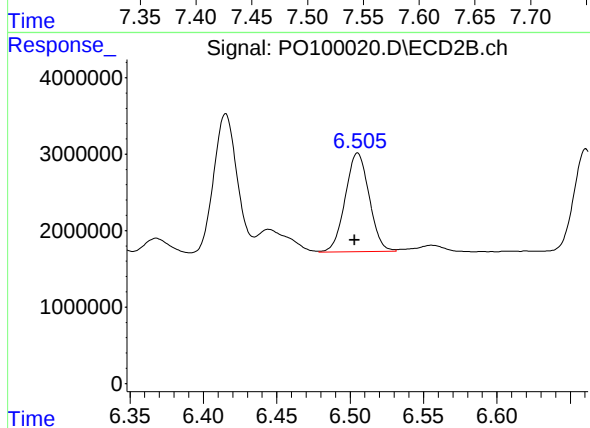
#31 AR-1260-1

R.T.: 6.316 min
Delta R.T.: 0.002 min
Response: 17684231
Conc: 306.04 ng/ml



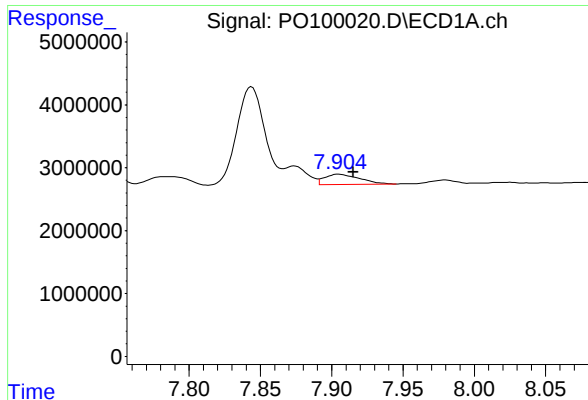
#32 AR-1260-2

R.T.: 7.557 min
Delta R.T.: 0.006 min
Response: 12730665
Conc: 240.67 ng/ml



#32 AR-1260-2

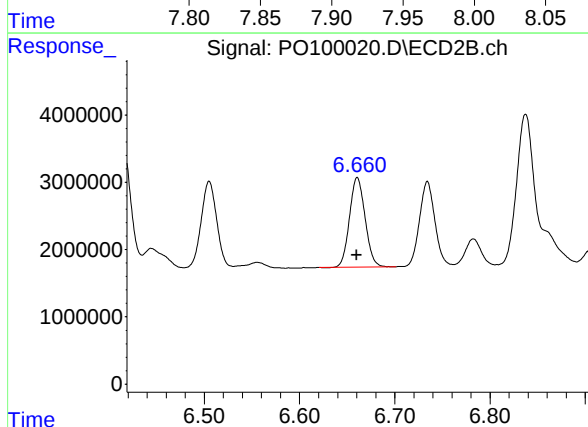
R.T.: 6.505 min
Delta R.T.: 0.002 min
Response: 14642602
Conc: 220.47 ng/ml



#33 AR-1260-3

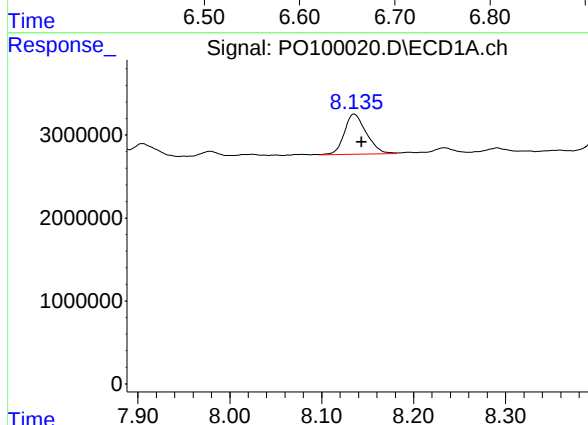
R.T.: 7.905 min
Delta R.T.: -0.010 min
Response: 2790165
Conc: 78.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



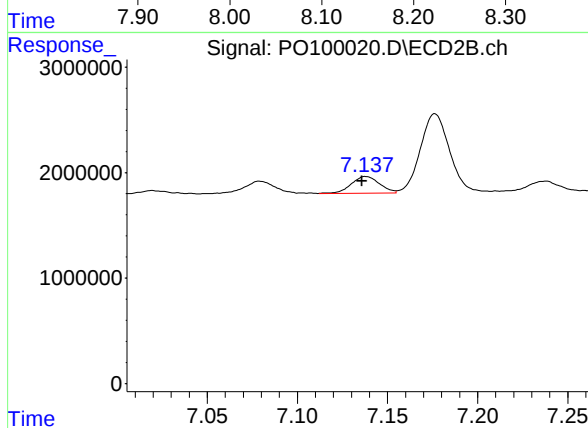
#33 AR-1260-3

R.T.: 6.661 min
Delta R.T.: 0.000 min
Response: 15149216
Conc: 236.75 ng/ml



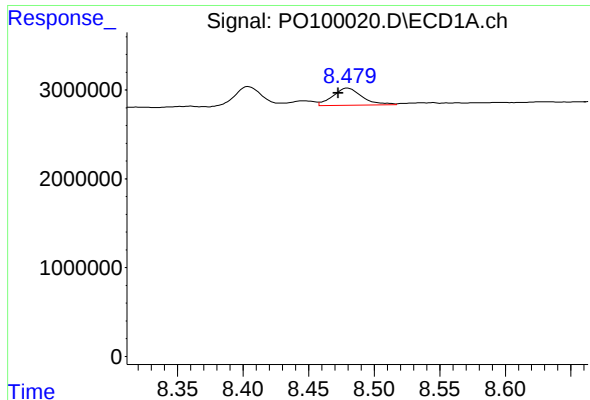
#34 AR-1260-4

R.T.: 8.135 min
Delta R.T.: -0.008 min
Response: 8116727
Conc: 196.11 ng/ml



#34 AR-1260-4

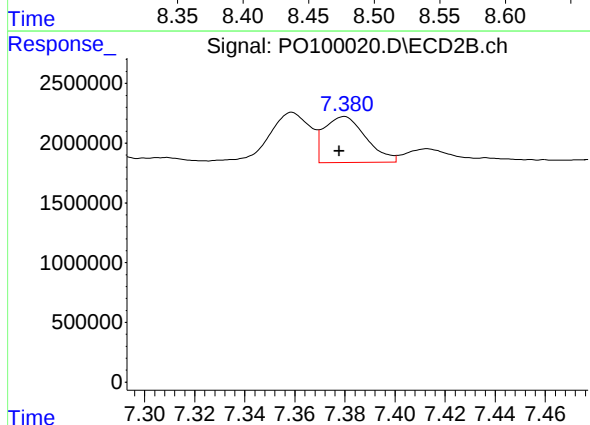
R.T.: 7.138 min
Delta R.T.: 0.002 min
Response: 1706966
Conc: 33.85 ng/ml



#35 AR-1260-5

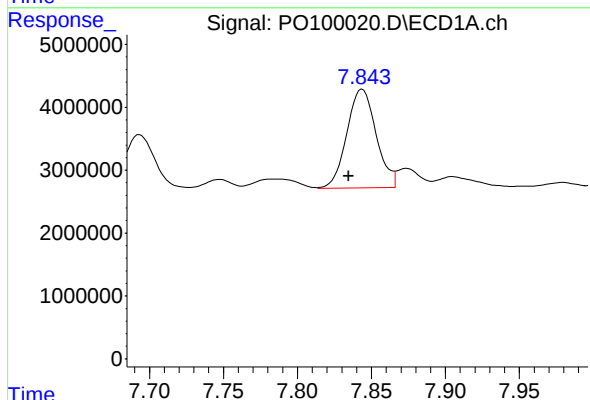
R.T.: 8.480 min
Delta R.T.: 0.007 min
Response: 2977617
Conc: 44.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



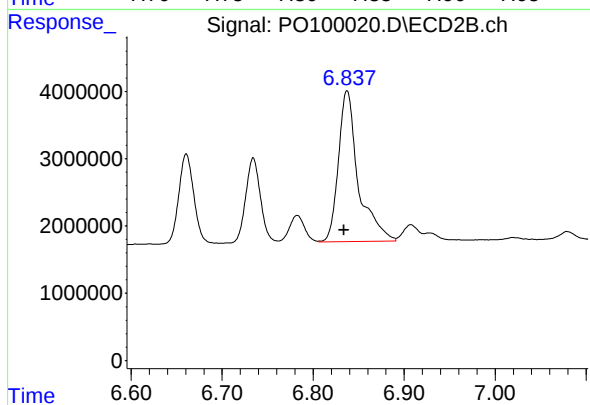
#35 AR-1260-5

R.T.: 7.380 min
Delta R.T.: 0.002 min
Response: 4462548
Conc: 39.81 ng/ml



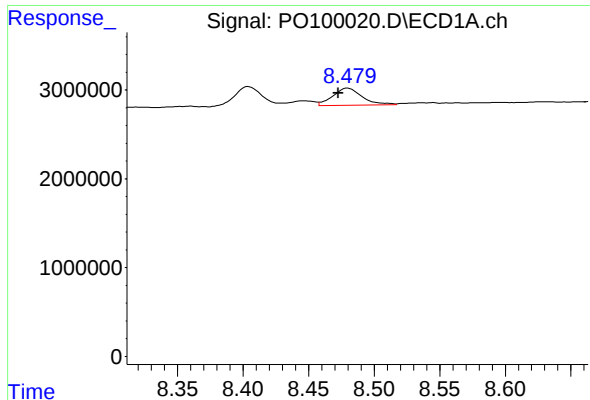
#36 AR-1262-1

R.T.: 7.844 min
Delta R.T.: 0.009 min
Response: 21622556
Conc: 597.77 ng/ml



#36 AR-1262-1

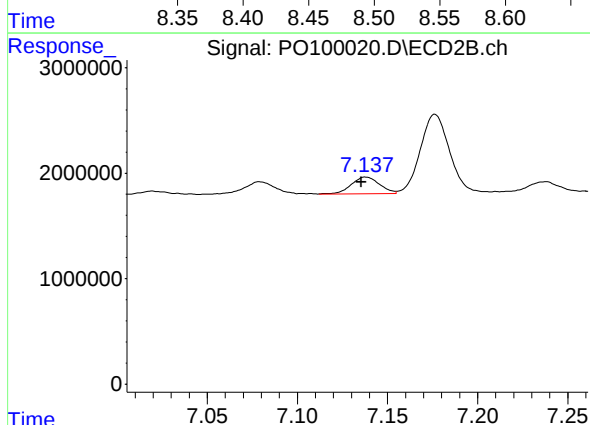
R.T.: 6.837 min
Delta R.T.: 0.003 min
Response: 34098570
Conc: 892.14 ng/ml



#37 AR-1262-2

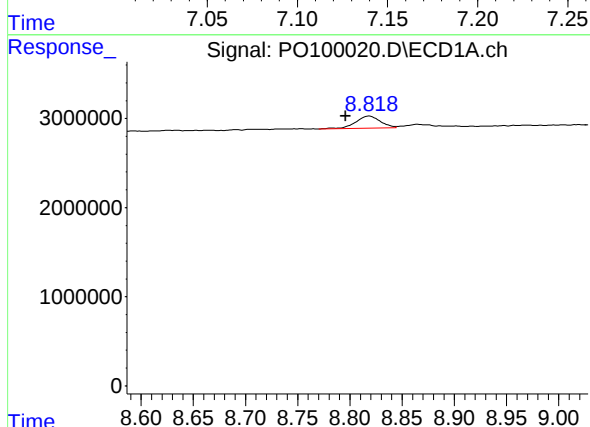
R.T.: 8.480 min
Delta R.T.: 0.007 min
Response: 2977617
Conc: 35.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



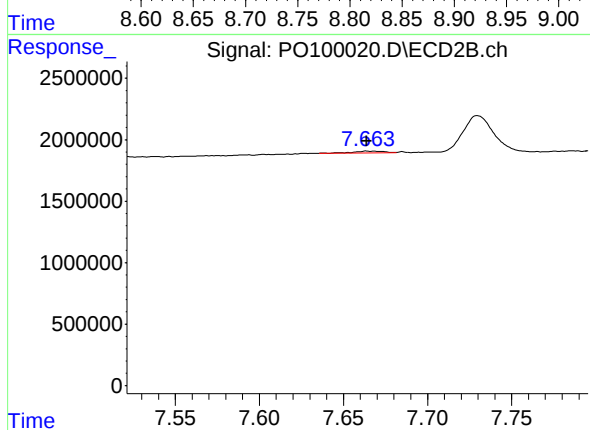
#37 AR-1262-2

R.T.: 7.138 min
Delta R.T.: 0.003 min
Response: 1706966
Conc: 22.63 ng/ml



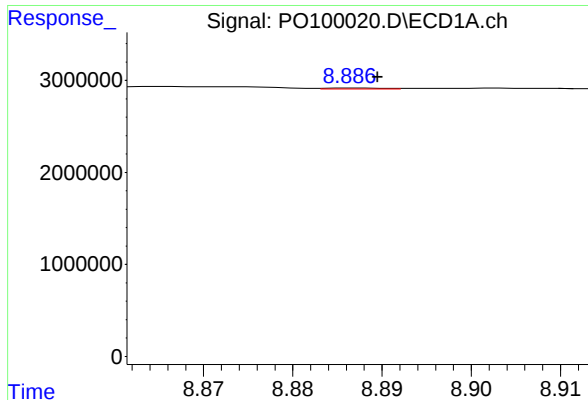
#38 AR-1262-3

R.T.: 8.819 min
Delta R.T.: 0.023 min
Response: 2235859
Conc: 37.12 ng/ml



#38 AR-1262-3

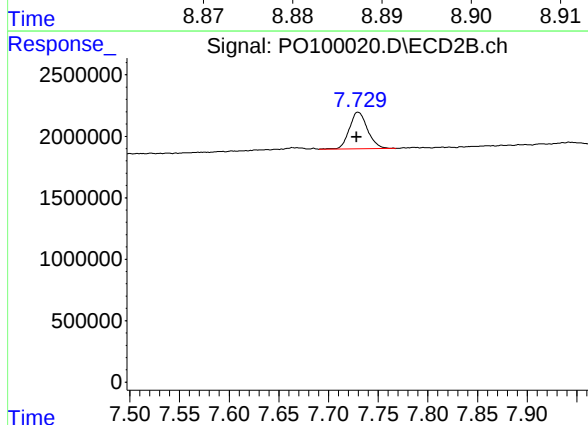
R.T.: 7.664 min
Delta R.T.: 0.000 min
Response: 194723
Conc: 3.34 ng/ml



#39 AR-1262-4

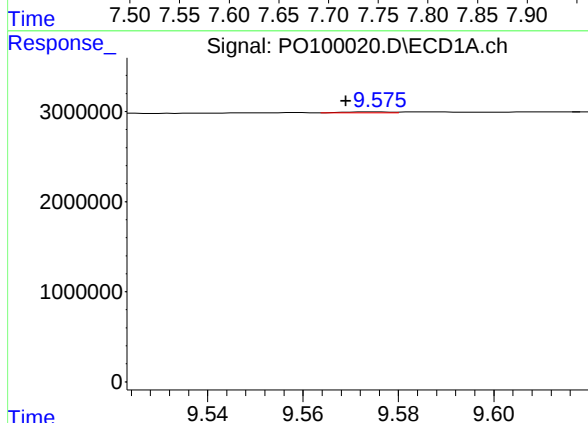
R.T.: 8.887 min
Delta R.T.: -0.003 min
Response: 50984
Conc: 1.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



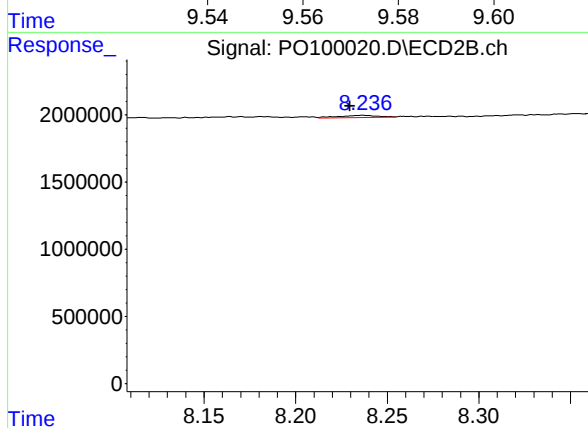
#39 AR-1262-4

R.T.: 7.730 min
Delta R.T.: 0.002 min
Response: 3811345
Conc: 37.08 ng/ml



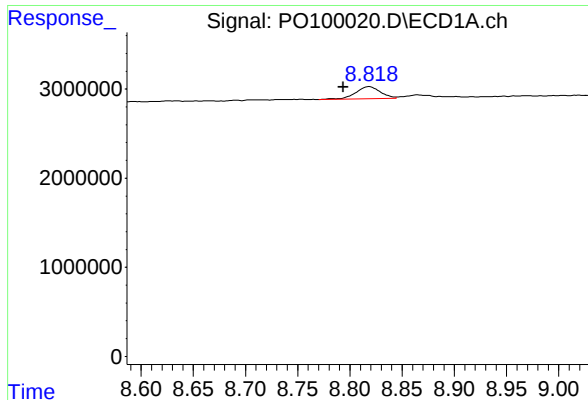
#40 AR-1262-5

R.T.: 9.576 min
Delta R.T.: 0.007 min
Response: 63244
Conc: 2.42 ng/ml



#40 AR-1262-5

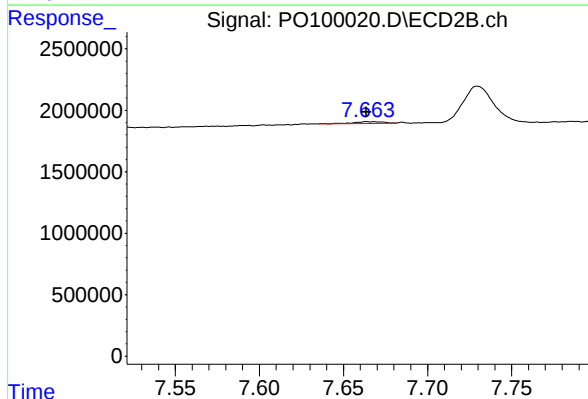
R.T.: 8.237 min
Delta R.T.: 0.007 min
Response: 257529
Conc: 5.91 ng/ml



#41 AR-1268-1

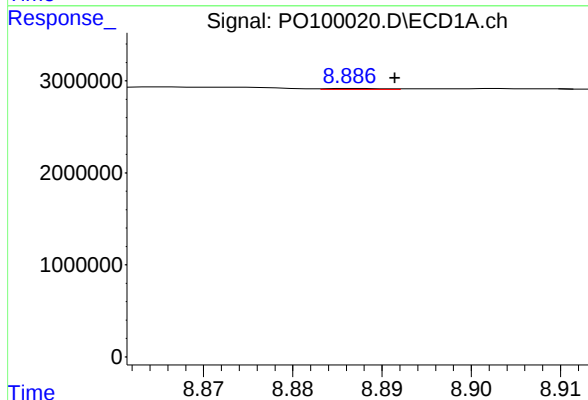
R.T.: 8.819 min
Delta R.T.: 0.025 min
Response: 2235859
Conc: 20.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



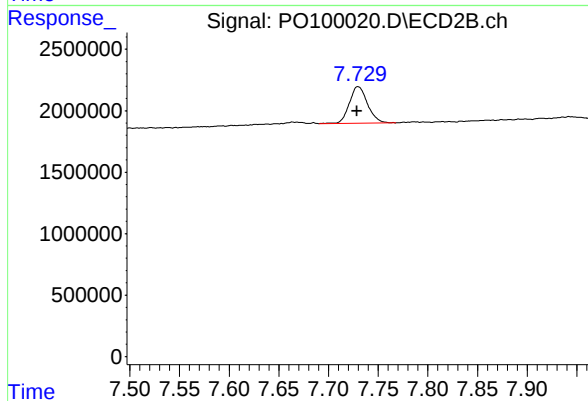
#41 AR-1268-1

R.T.: 7.664 min
Delta R.T.: 0.000 min
Response: 194723
Conc: 1.17 ng/ml



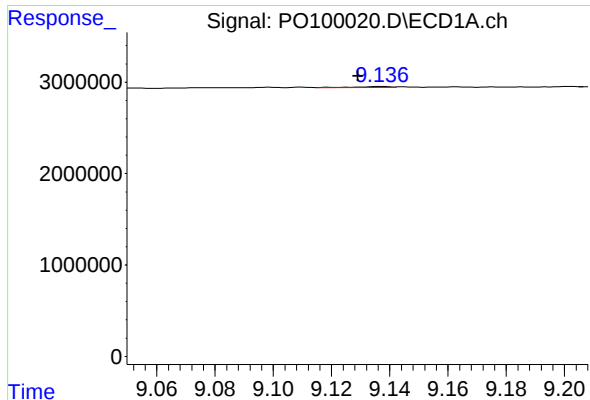
#42 AR-1268-2

R.T.: 8.887 min
Delta R.T.: -0.005 min
Response: 50984
Conc: 0.53 ng/ml



#42 AR-1268-2

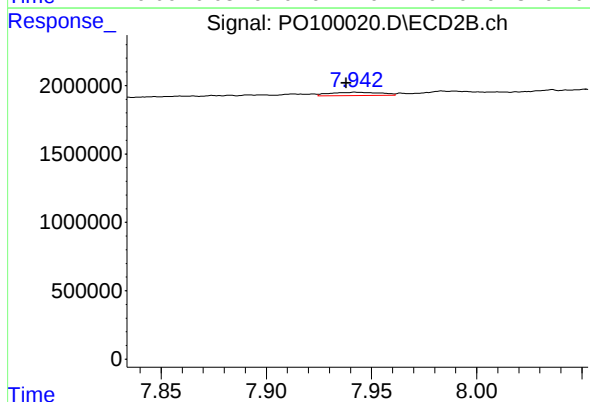
R.T.: 7.730 min
Delta R.T.: 0.001 min
Response: 3811345
Conc: 24.97 ng/ml



#43 AR-1268-3

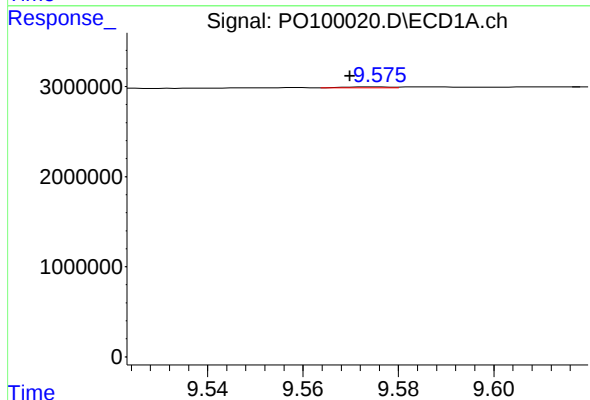
R.T.: 9.137 min
Delta R.T.: 0.008 min
Response: 89632
Conc: 0.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



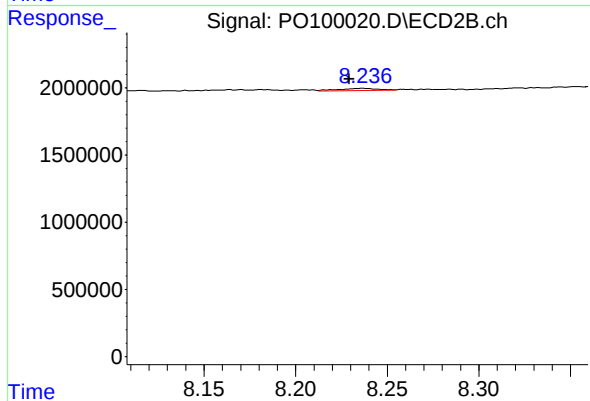
#43 AR-1268-3

R.T.: 7.943 min
Delta R.T.: 0.005 min
Response: 405436
Conc: 2.83 ng/ml



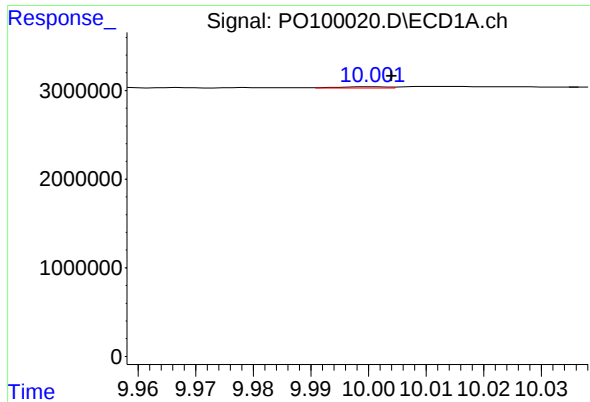
#44 AR-1268-4

R.T.: 9.576 min
Delta R.T.: 0.006 min
Response: 63244
Conc: 2.22 ng/ml



#44 AR-1268-4

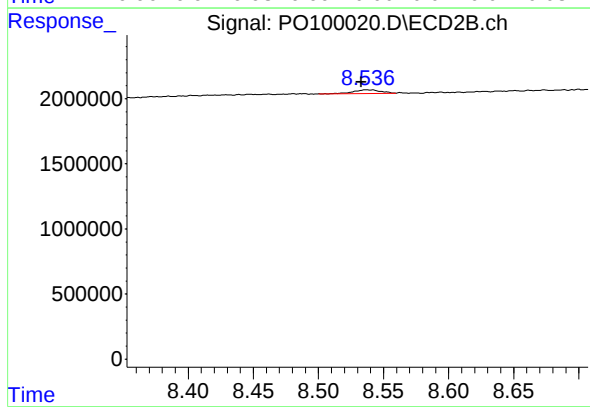
R.T.: 8.237 min
Delta R.T.: 0.007 min
Response: 257529
Conc: 5.48 ng/ml



#45 AR-1268-5

R.T.: 10.001 min
Delta R.T.: -0.003 min
Response: 74506
Conc: 0.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.537 min
Delta R.T.: 0.004 min
Response: 421679
Conc: 1.06 ng/ml