

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0110323\
 Data File : P0099327.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Nov 2023 09:01
 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 03 23:34:27 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...	4.472	3.622	92420186	34028052	46.773	47.282
2) SA Decachlor...	10.267	8.618	61474396	23379872	54.264	43.576
Target Compounds						
3) L1 AR-1016-1	5.645	4.720	17235135	7495575	312.989	334.714
4) L1 AR-1016-2	5.668	4.720	21066628	7495575	254.767	239.807
5) L1 AR-1016-3	5.730	4.897	10341402	4818346	200.912	284.557 #
6) L1 AR-1016-4	5.828	4.938	11042427	10266006	271.691	710.070 #
7) L1 AR-1016-5	6.124	5.151	26233300	12347303	618.081	660.924
8) L2 AR-1221-1	4.674	3.852	360193	69049	14.507	7.433 #
9) L2 AR-1221-2	4.780	3.921	2206276	617644	119.263	95.261
10) L2 AR-1221-3	4.844	3.996	1810352	687558	33.416	33.992
11) L3 AR-1232-1	4.844	3.996	1810352	687558	39.573	40.111
12) L3 AR-1232-2	5.376	4.720	8143887	7495575	344.868	489.267 #
13) L3 AR-1232-3	5.668	4.897	21066628	4818346	533.437	602.182
14) L3 AR-1232-4	5.828	4.979	11042427	10940499	578.777	1421.994 #
15) L3 AR-1232-5	5.920	5.151	24464853	12347303	1468.639	1451.671
16) L4 AR-1242-1	5.645	4.720	17235135	7495575	398.112	426.615
17) L4 AR-1242-2	5.668	4.720	21066628	7495575	328.923	309.303
18) L4 AR-1242-3	5.730	4.897	10341402	4818346	257.085	375.826 #
19) L4 AR-1242-4	5.828	4.979	11042427	10940499	352.873	777.204 #
20) L4 AR-1242-5	6.568	5.503	26049066	16781760	844.416	1004.223
21) L5 AR-1248-1	5.645	4.720	17235135	7495575	507.324	540.807
22) L5 AR-1248-2	5.920	4.938	24464853	10266006	467.482	516.825
23) L5 AR-1248-3	6.124	4.979	26233300	10940499	460.413	524.635
24) L5 AR-1248-4	6.529	5.151	26386041	12347303	483.867	502.260
25) L5 AR-1248-5	6.568	5.544	26049066	11841783	458.561	545.242
26) L6 AR-1254-1	6.502	5.503	20732295	16781760	314.951	473.615 #
27) L6 AR-1254-2	6.725	5.650	26494092	5197804	275.210	162.511 #
28) L6 AR-1254-3	7.089	6.053	16512079	7846100	184.734	160.493
29) L6 AR-1254-4	7.375	6.282	9269673	5255458	169.206	200.538
30) L6 AR-1254-5	7.795	6.700	2251877	1428565	33.443	33.889
31) L7 AR-1260-1	7.252	6.198	1795868	3718978	25.061	105.427 #
32) L7 AR-1260-2	7.507	6.371	2231493	732564	28.284	18.275 #
33) L7 AR-1260-3	7.876	6.524	87563	458780	1.603	12.133 #
34) L7 AR-1260-4	8.122	6.999	42397	132988	0.677	4.602 #
35) L7 AR-1260-5	8.423	7.240	1433000	285927	13.391	4.751 #
36) L8 AR-1262-1	7.876	6.769	87563	190908	0.967	4.069 #
37) L8 AR-1262-2	8.423	6.999	1433000	132988	10.750	3.203 #
38) L8 AR-1262-3	8.754	7.531	581718	142734	5.916	4.468
39) L8 AR-1262-4	8.838	7.584	122185	298511	1.525	5.430 #
40) L8 AR-1262-5	9.501	8.087	76786	45938	1.747	1.829
41) L9 AR-1268-1	8.754	7.531	581718	142734	3.377	1.600 #

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 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 25 06:04:36 2023
 Response via : Initial Calibration
 Integrator: ChemStation

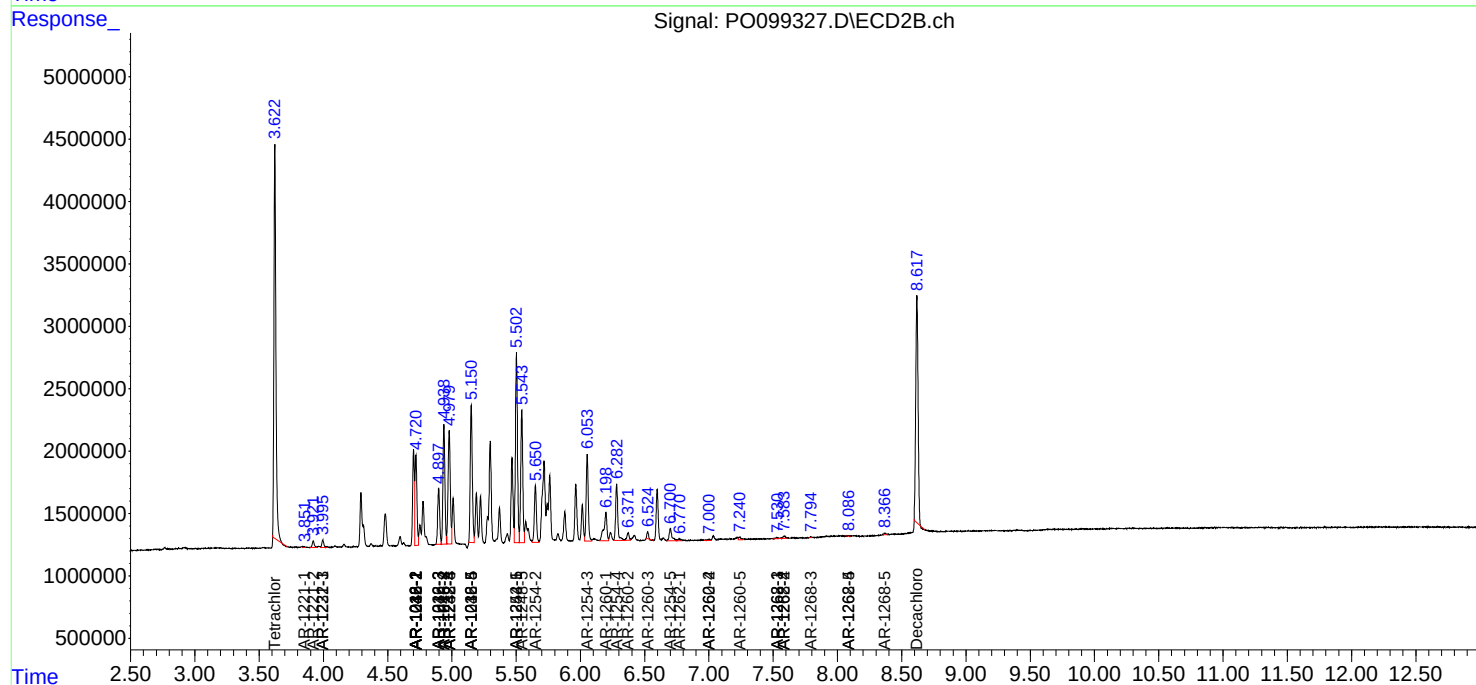
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

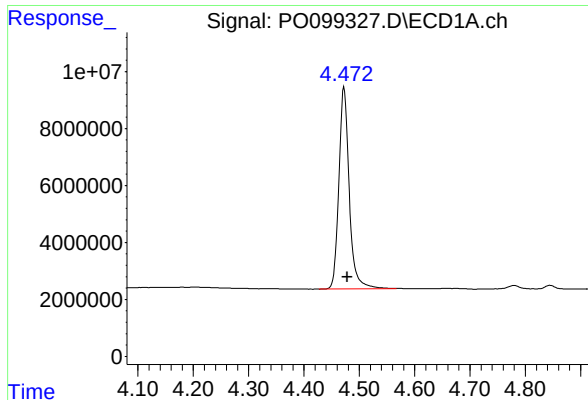
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.838	7.584	122185	298511	0.779	3.781 #
43) L9	AR-1268-3	9.064	7.794	229160	39768	1.634	0.565 #
44) L9	AR-1268-4	9.501	8.087	76786	45938	1.531	1.667
45) L9	AR-1268-5	9.924	8.367	456696	129988	1.116	0.682 #

(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

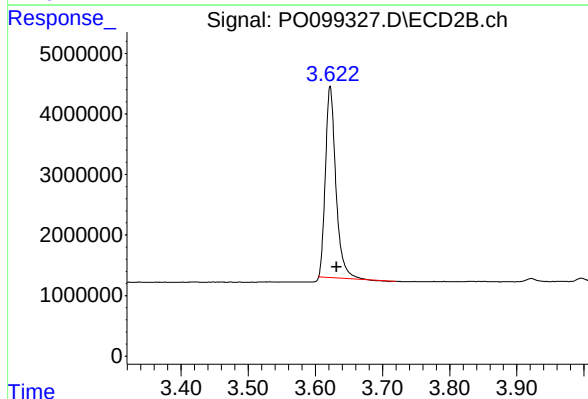




#1 Tetrachloro-m-xylene

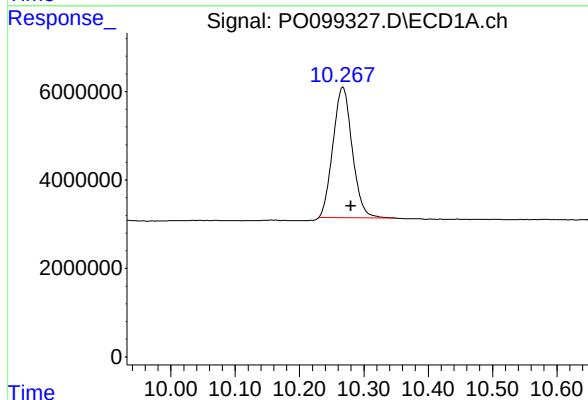
R.T.: 4.472 min
Delta R.T.: -0.006 min
Response: 92420186
Conc: 46.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



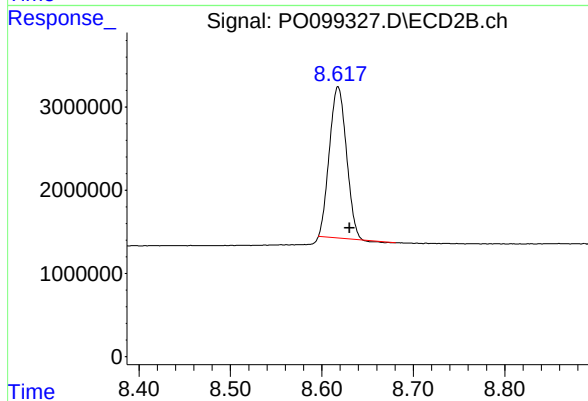
#1 Tetrachloro-m-xylene

R.T.: 3.622 min
Delta R.T.: -0.010 min
Response: 34028052
Conc: 47.28 ng/ml



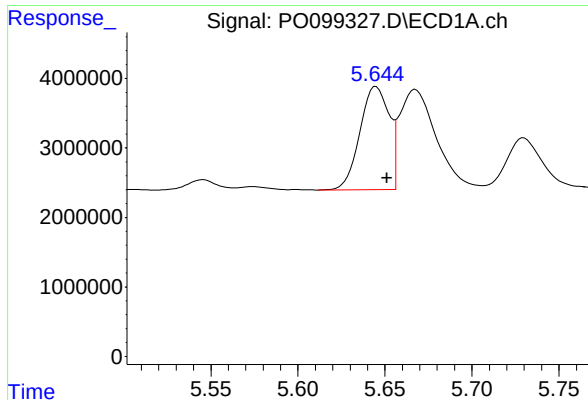
#2 Decachlorobiphenyl

R.T.: 10.267 min
Delta R.T.: -0.013 min
Response: 61474396
Conc: 54.26 ng/ml



#2 Decachlorobiphenyl

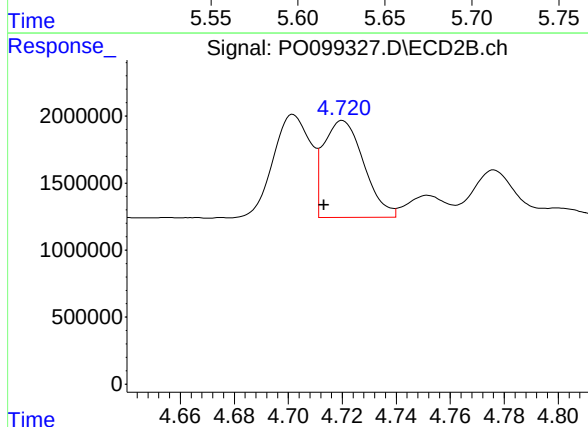
R.T.: 8.618 min
Delta R.T.: -0.012 min
Response: 23379872
Conc: 43.58 ng/ml



#3 AR-1016-1

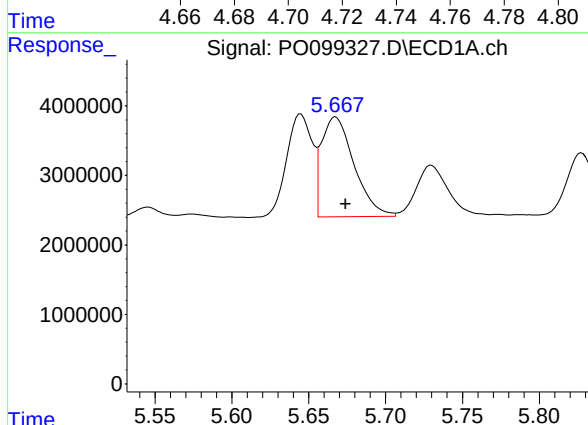
R.T.: 5.645 min
Delta R.T.: -0.006 min
Response: 17235135
Conc: 312.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



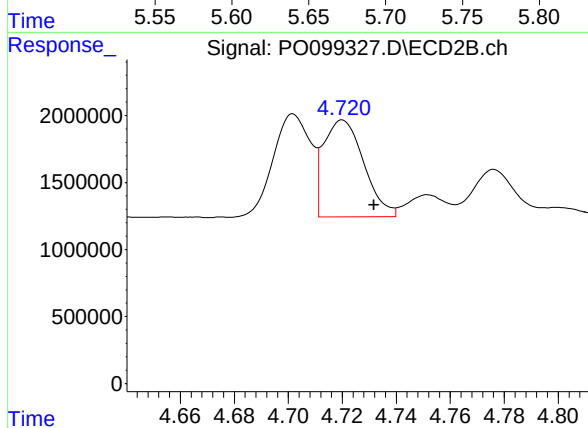
#3 AR-1016-1

R.T.: 4.720 min
Delta R.T.: 0.007 min
Response: 7495575
Conc: 334.71 ng/ml



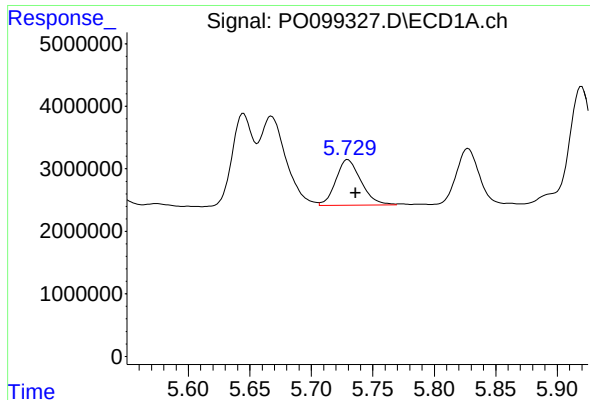
#4 AR-1016-2

R.T.: 5.668 min
Delta R.T.: -0.006 min
Response: 21066628
Conc: 254.77 ng/ml



#4 AR-1016-2

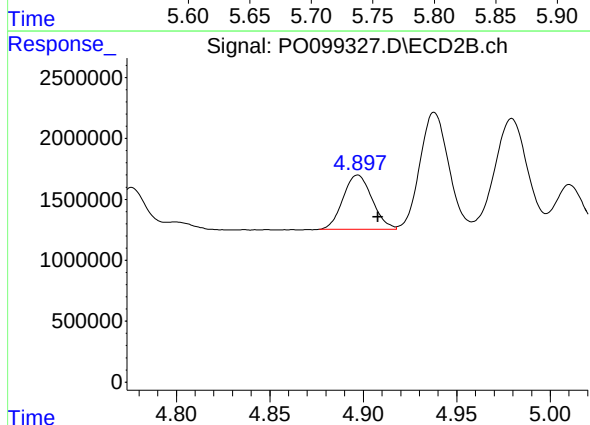
R.T.: 4.720 min
Delta R.T.: -0.012 min
Response: 7495575
Conc: 239.81 ng/ml



#5 AR-1016-3

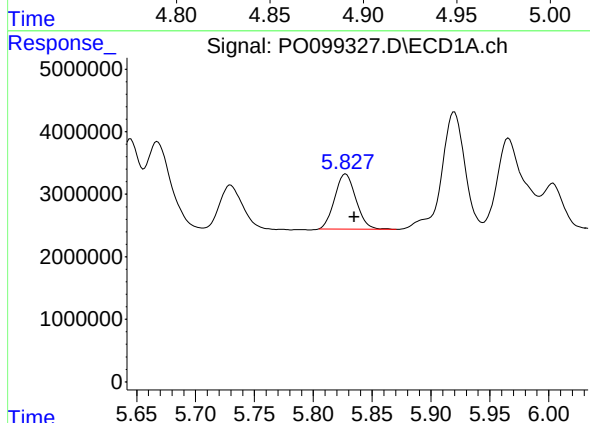
R.T.: 5.730 min
Delta R.T.: -0.006 min
Response: 10341402
Conc: 200.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



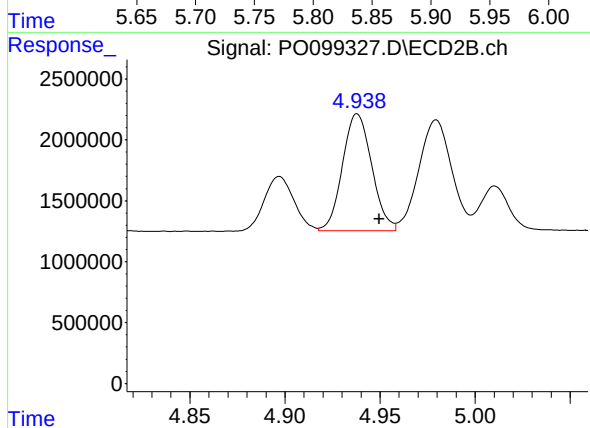
#5 AR-1016-3

R.T.: 4.897 min
Delta R.T.: -0.011 min
Response: 4818346
Conc: 284.56 ng/ml



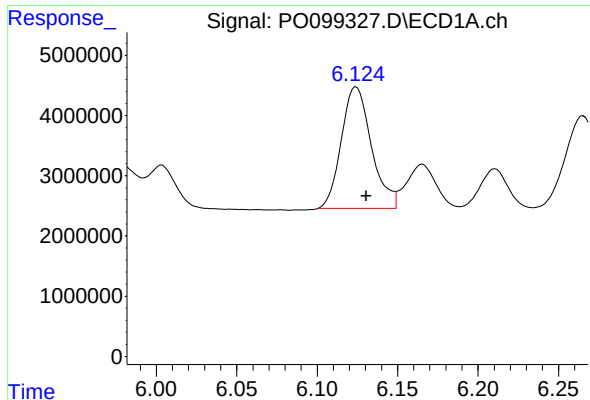
#6 AR-1016-4

R.T.: 5.828 min
Delta R.T.: -0.007 min
Response: 11042427
Conc: 271.69 ng/ml



#6 AR-1016-4

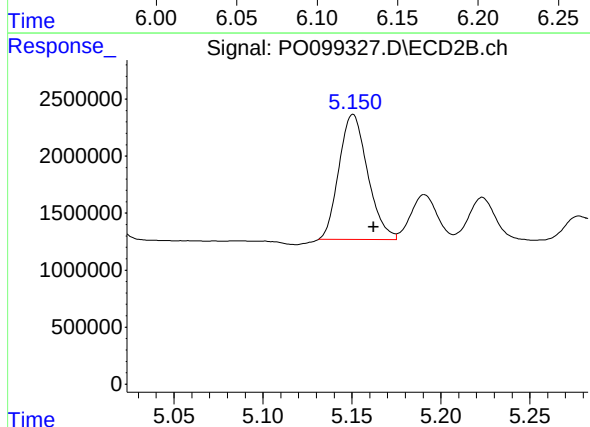
R.T.: 4.938 min
Delta R.T.: -0.012 min
Response: 10266006
Conc: 710.07 ng/ml



#7 AR-1016-5

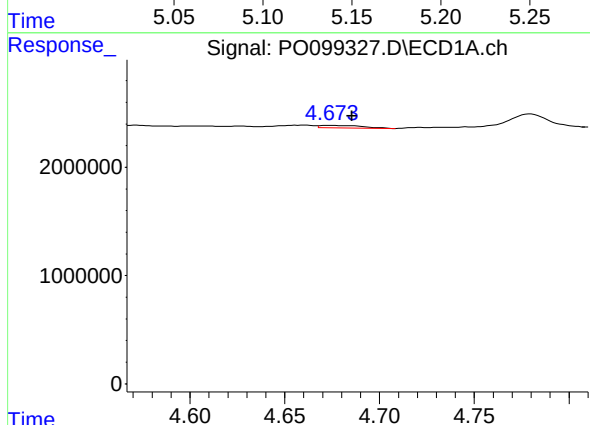
R.T.: 6.124 min
Delta R.T.: -0.006 min
Response: 26233300
Conc: 618.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



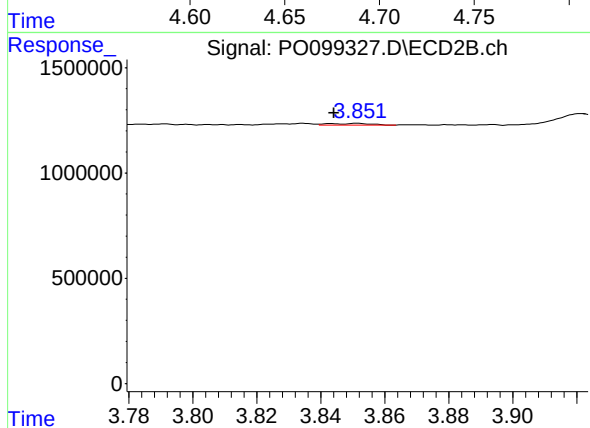
#7 AR-1016-5

R.T.: 5.151 min
Delta R.T.: -0.012 min
Response: 12347303
Conc: 660.92 ng/ml



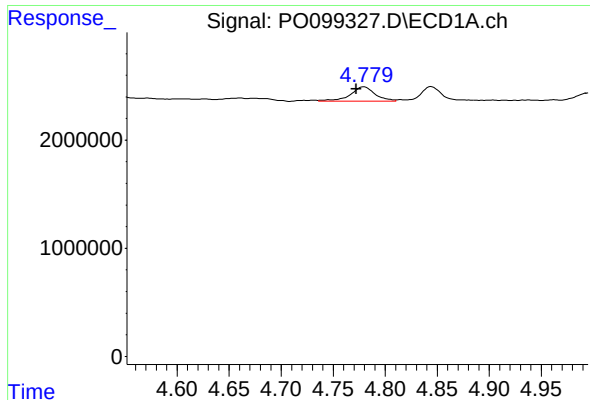
#8 AR-1221-1

R.T.: 4.674 min
Delta R.T.: -0.012 min
Response: 360193
Conc: 14.51 ng/ml



#8 AR-1221-1

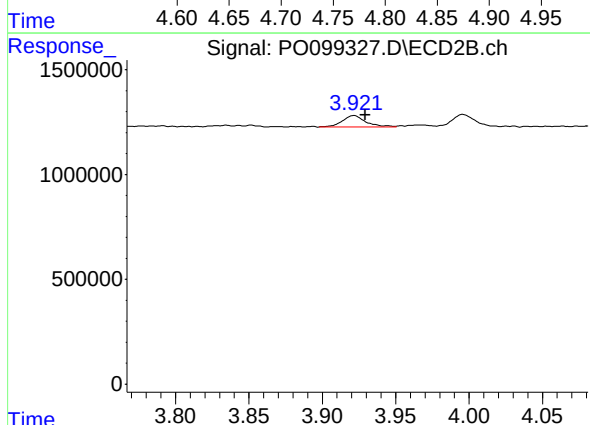
R.T.: 3.852 min
Delta R.T.: 0.007 min
Response: 69049
Conc: 7.43 ng/ml



#9 AR-1221-2

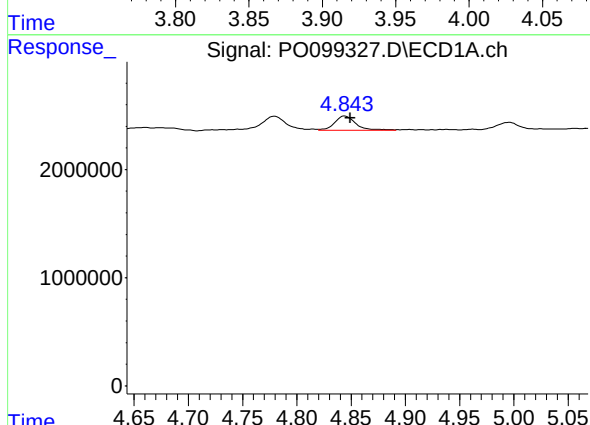
R.T.: 4.780 min
Delta R.T.: 0.007 min
Response: 2206276
Conc: 119.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



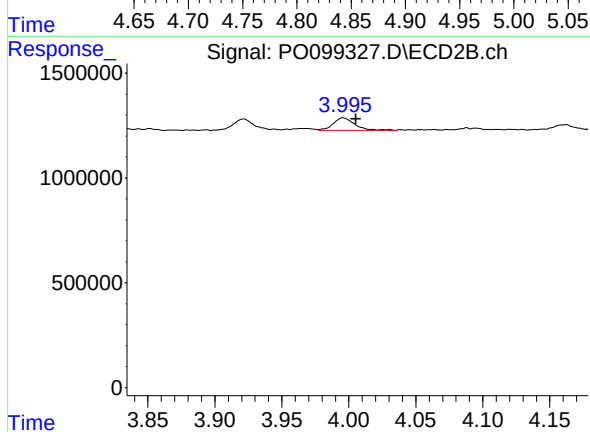
#9 AR-1221-2

R.T.: 3.921 min
Delta R.T.: -0.008 min
Response: 617644
Conc: 95.26 ng/ml



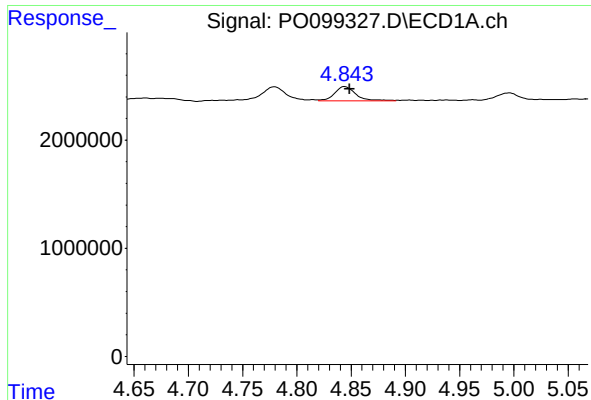
#10 AR-1221-3

R.T.: 4.844 min
Delta R.T.: -0.005 min
Response: 1810352
Conc: 33.42 ng/ml



#10 AR-1221-3

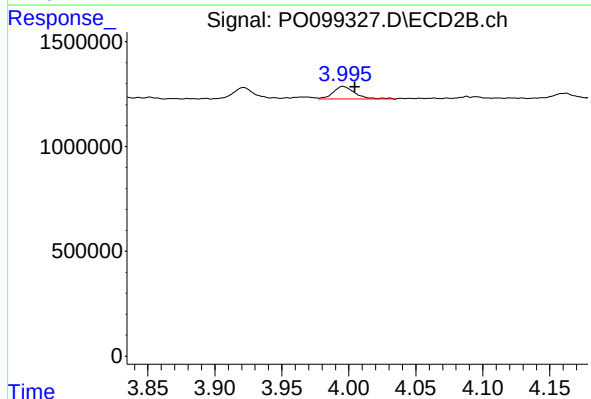
R.T.: 3.996 min
Delta R.T.: -0.010 min
Response: 687558
Conc: 33.99 ng/ml



#11 AR-1232-1

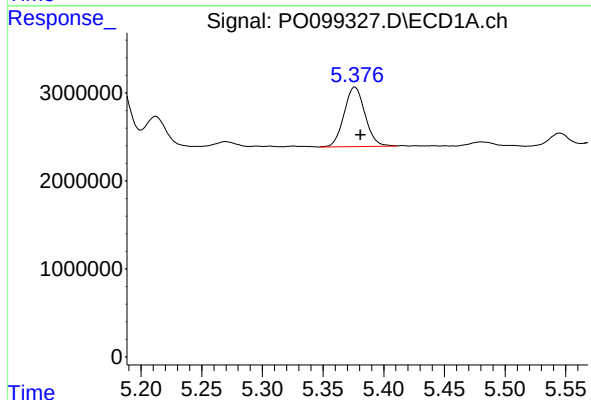
R.T.: 4.844 min
Delta R.T.: -0.005 min
Response: 1810352
Conc: 39.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



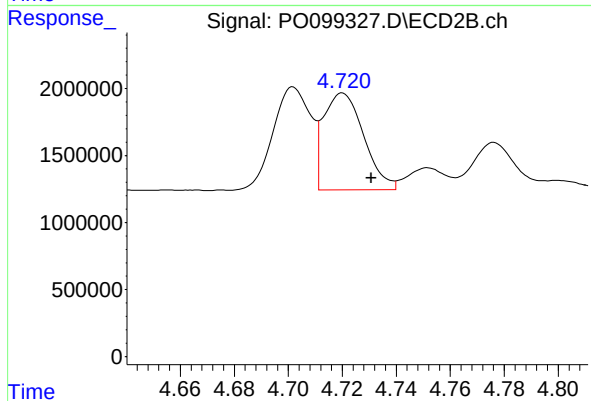
#11 AR-1232-1

R.T.: 3.996 min
Delta R.T.: -0.009 min
Response: 687558
Conc: 40.11 ng/ml



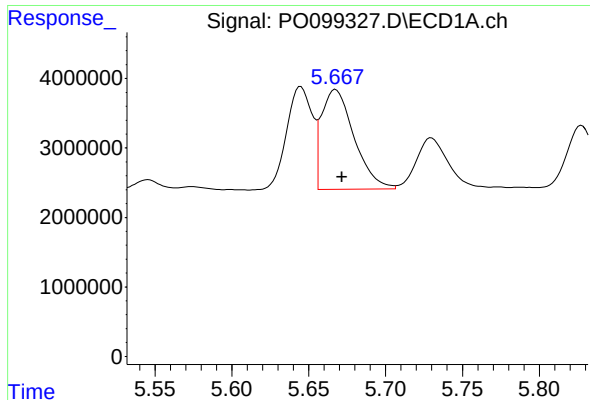
#12 AR-1232-2

R.T.: 5.376 min
Delta R.T.: -0.005 min
Response: 8143887
Conc: 344.87 ng/ml



#12 AR-1232-2

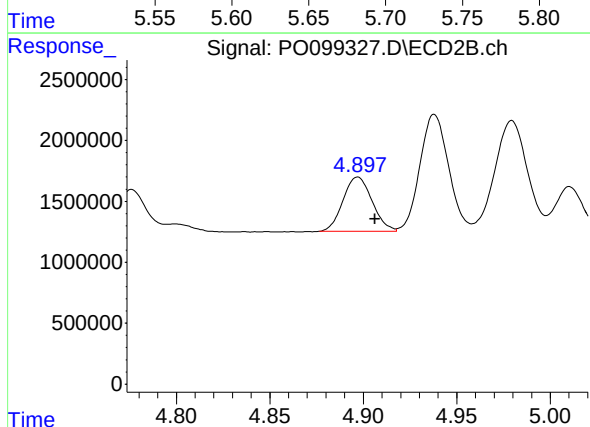
R.T.: 4.720 min
Delta R.T.: -0.011 min
Response: 7495575
Conc: 489.27 ng/ml



#13 AR-1232-3

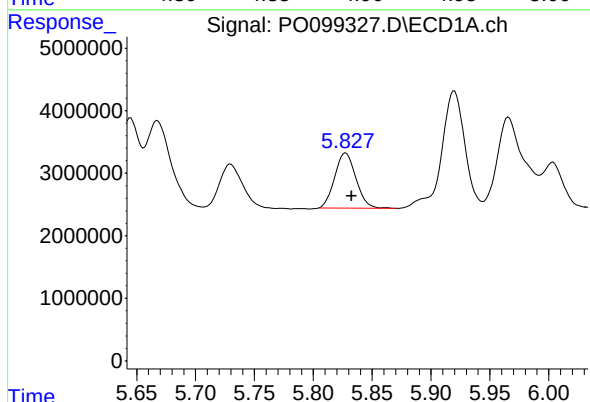
R.T.: 5.668 min
Delta R.T.: -0.004 min
Response: 21066628
Conc: 533.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



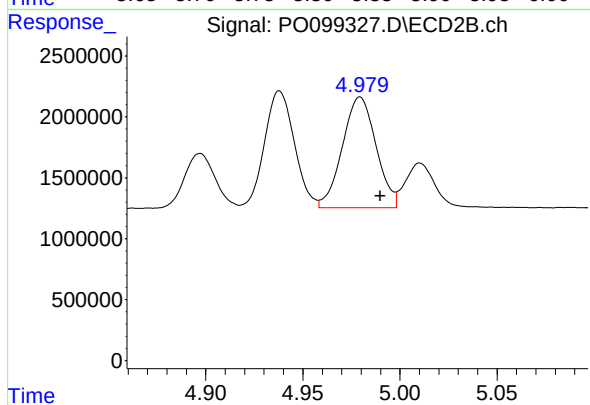
#13 AR-1232-3

R.T.: 4.897 min
Delta R.T.: -0.009 min
Response: 4818346
Conc: 602.18 ng/ml



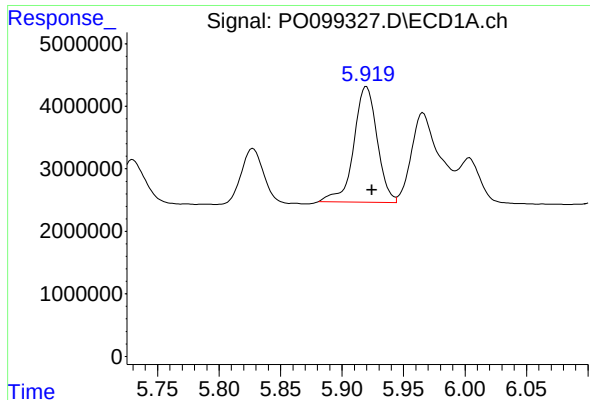
#14 AR-1232-4

R.T.: 5.828 min
Delta R.T.: -0.005 min
Response: 11042427
Conc: 578.78 ng/ml



#14 AR-1232-4

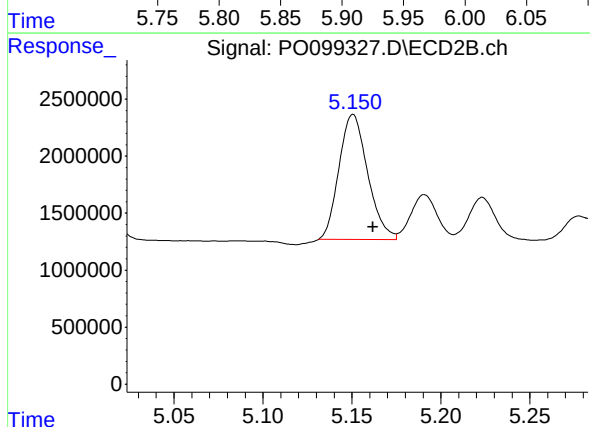
R.T.: 4.979 min
Delta R.T.: -0.010 min
Response: 10940499
Conc: 1421.99 ng/ml



#15 AR-1232-5

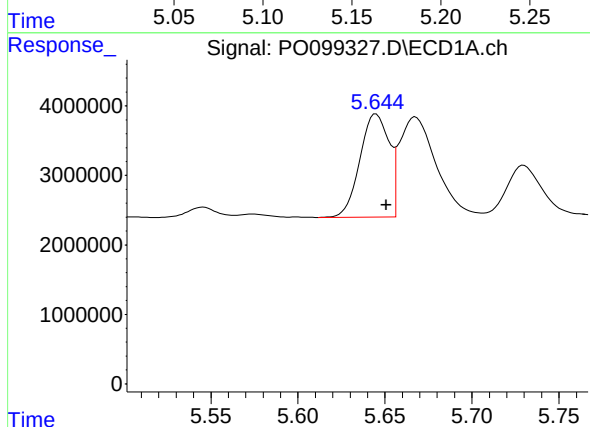
R.T.: 5.920 min
Delta R.T.: -0.004 min
Response: 24464853
Conc: 1468.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



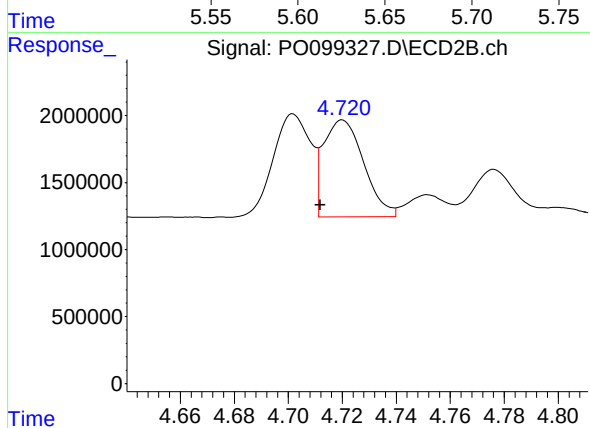
#15 AR-1232-5

R.T.: 5.151 min
Delta R.T.: -0.011 min
Response: 12347303
Conc: 1451.67 ng/ml



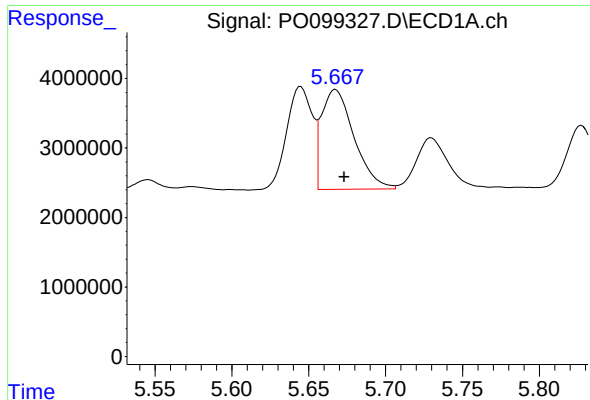
#16 AR-1242-1

R.T.: 5.645 min
Delta R.T.: -0.006 min
Response: 17235135
Conc: 398.11 ng/ml



#16 AR-1242-1

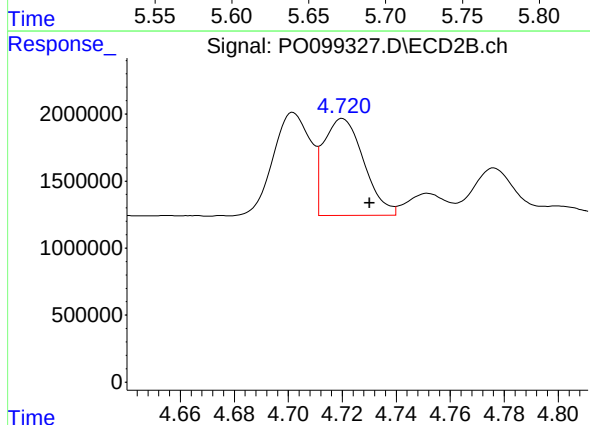
R.T.: 4.720 min
Delta R.T.: 0.008 min
Response: 7495575
Conc: 426.62 ng/ml



#17 AR-1242-2

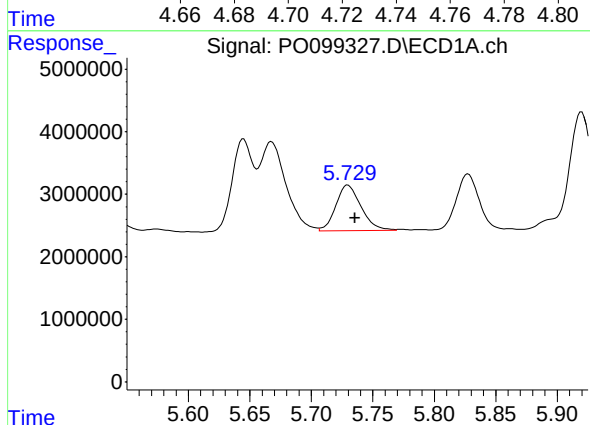
R.T.: 5.668 min
Delta R.T.: -0.006 min
Response: 21066628
Conc: 328.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



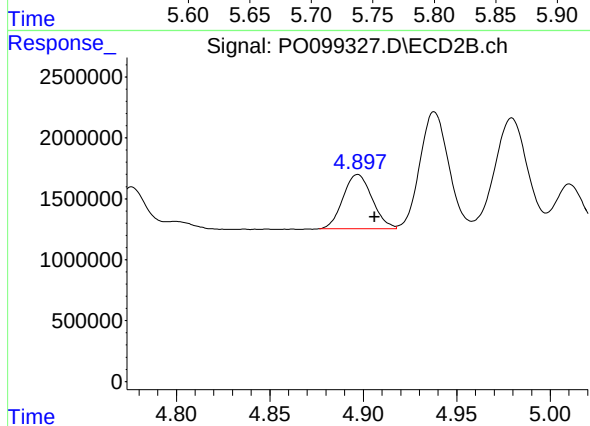
#17 AR-1242-2

R.T.: 4.720 min
Delta R.T.: -0.010 min
Response: 7495575
Conc: 309.30 ng/ml



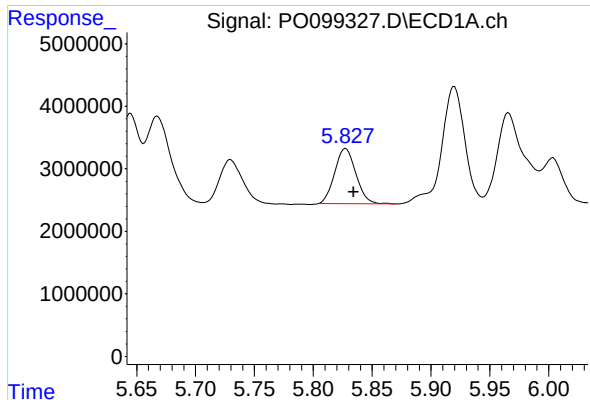
#18 AR-1242-3

R.T.: 5.730 min
Delta R.T.: -0.006 min
Response: 10341402
Conc: 257.08 ng/ml



#18 AR-1242-3

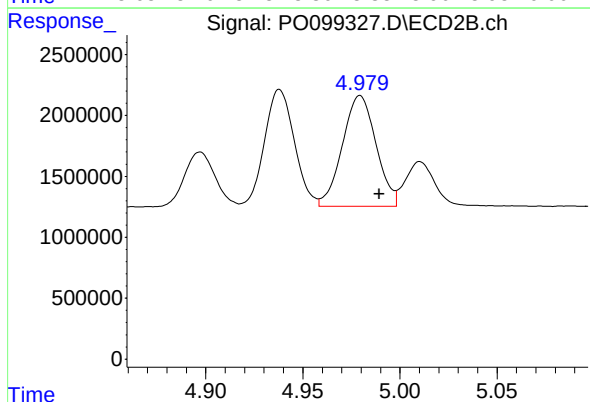
R.T.: 4.897 min
Delta R.T.: -0.009 min
Response: 4818346
Conc: 375.83 ng/ml



#19 AR-1242-4

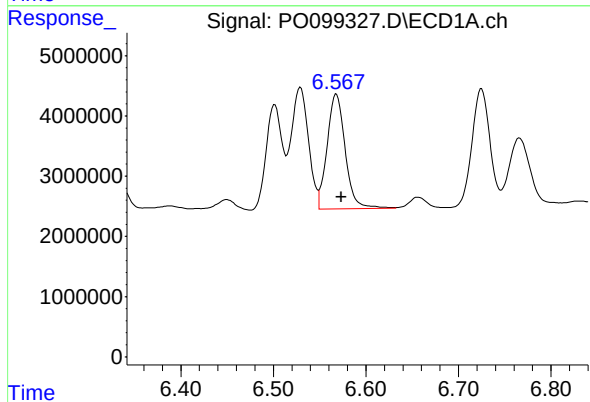
R.T.: 5.828 min
Delta R.T.: -0.007 min
Response: 11042427
Conc: 352.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



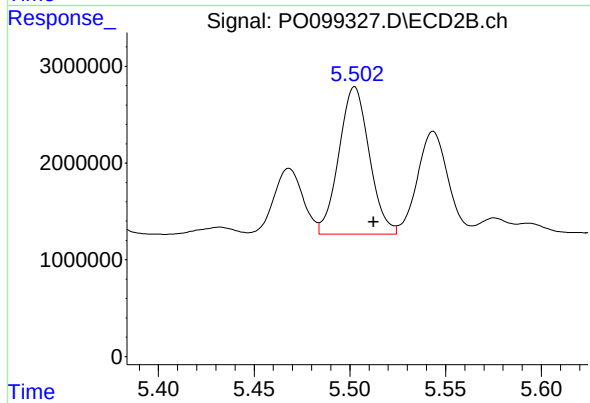
#19 AR-1242-4

R.T.: 4.979 min
Delta R.T.: -0.010 min
Response: 10940499
Conc: 777.20 ng/ml



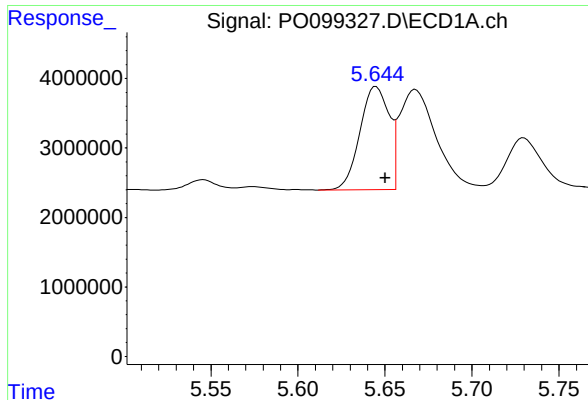
#20 AR-1242-5

R.T.: 6.568 min
Delta R.T.: -0.006 min
Response: 26049066
Conc: 844.42 ng/ml



#20 AR-1242-5

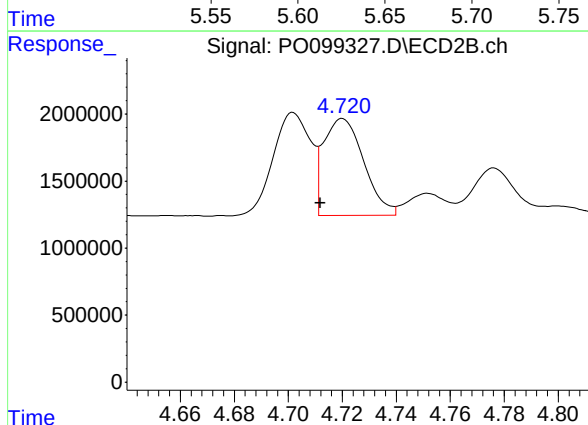
R.T.: 5.503 min
Delta R.T.: -0.010 min
Response: 16781760
Conc: 1004.22 ng/ml



#21 AR-1248-1

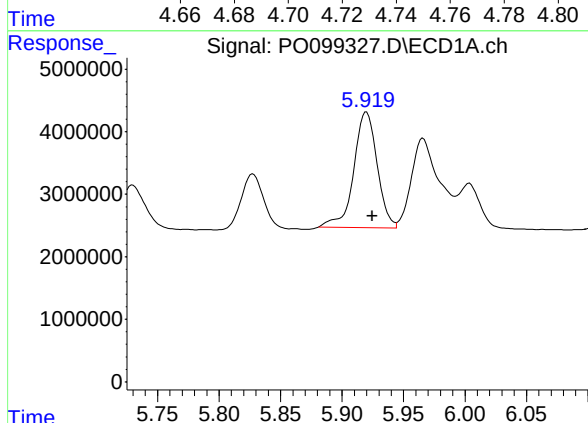
R.T.: 5.645 min
Delta R.T.: -0.005 min
Response: 17235135
Conc: 507.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



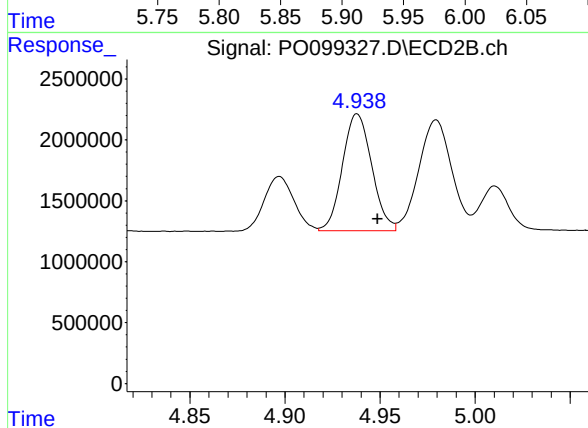
#21 AR-1248-1

R.T.: 4.720 min
Delta R.T.: 0.008 min
Response: 7495575
Conc: 540.81 ng/ml



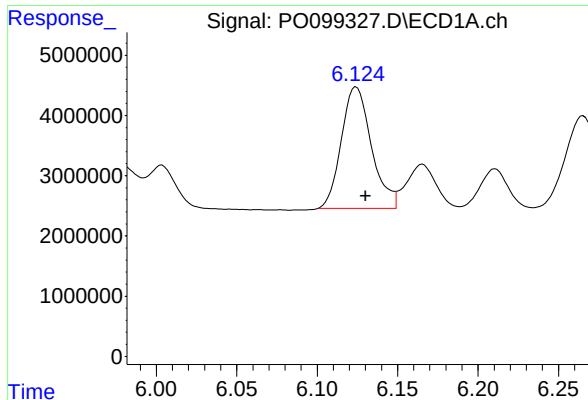
#22 AR-1248-2

R.T.: 5.920 min
Delta R.T.: -0.005 min
Response: 24464853
Conc: 467.48 ng/ml



#22 AR-1248-2

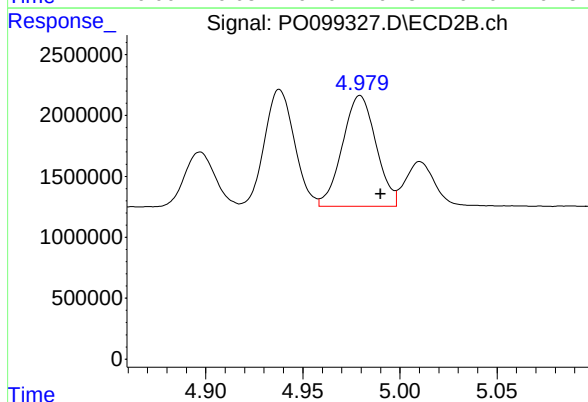
R.T.: 4.938 min
Delta R.T.: -0.011 min
Response: 10266006
Conc: 516.83 ng/ml



#23 AR-1248-3

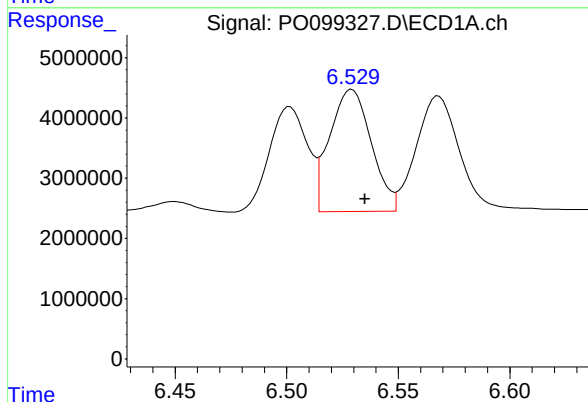
R.T.: 6.124 min
Delta R.T.: -0.006 min
Response: 26233300
Conc: 460.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



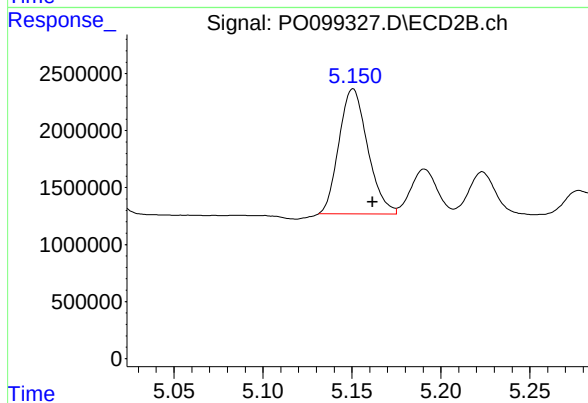
#23 AR-1248-3

R.T.: 4.979 min
Delta R.T.: -0.010 min
Response: 10940499
Conc: 524.63 ng/ml



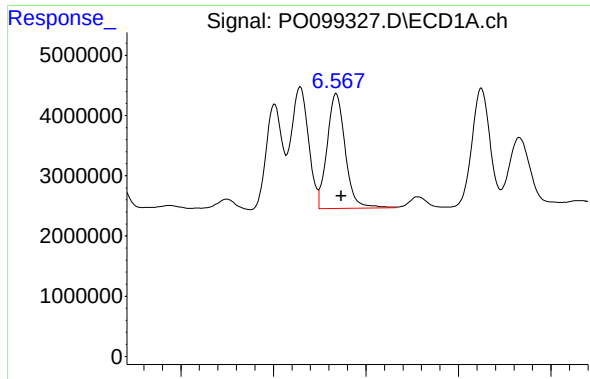
#24 AR-1248-4

R.T.: 6.529 min
Delta R.T.: -0.006 min
Response: 26386041
Conc: 483.87 ng/ml



#24 AR-1248-4

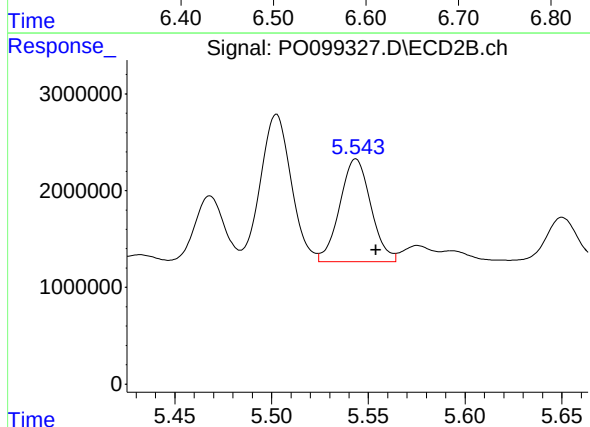
R.T.: 5.151 min
Delta R.T.: -0.011 min
Response: 12347303
Conc: 502.26 ng/ml



#25 AR-1248-5

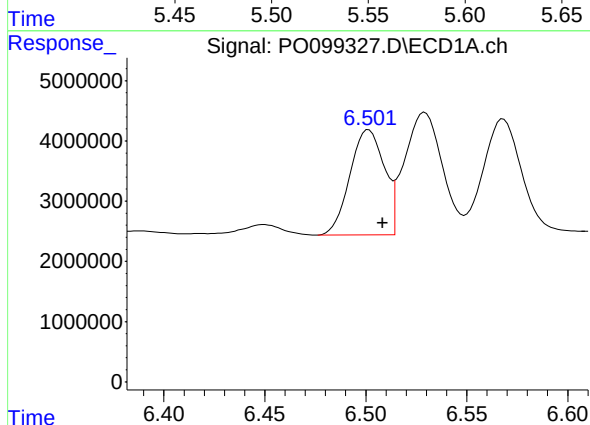
R.T.: 6.568 min
Delta R.T.: -0.005 min
Response: 26049066
Conc: 458.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



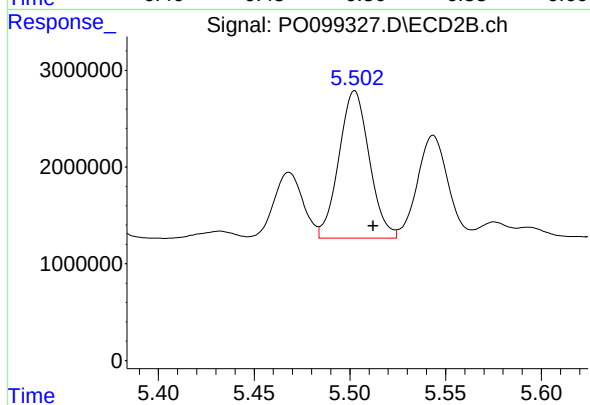
#25 AR-1248-5

R.T.: 5.544 min
Delta R.T.: -0.010 min
Response: 11841783
Conc: 545.24 ng/ml



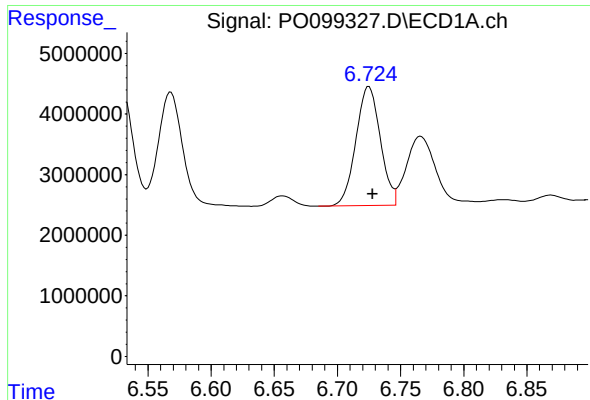
#26 AR-1254-1

R.T.: 6.502 min
Delta R.T.: -0.007 min
Response: 20732295
Conc: 314.95 ng/ml



#26 AR-1254-1

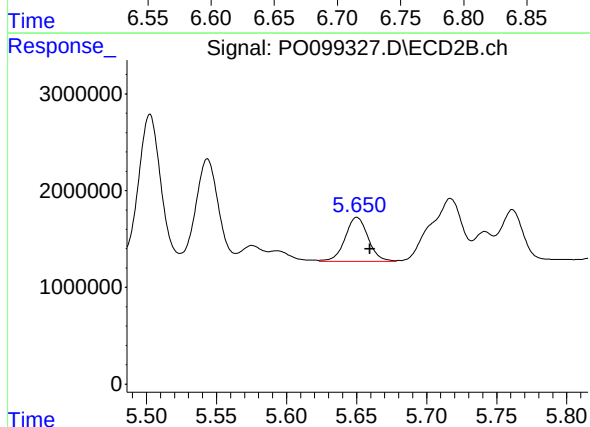
R.T.: 5.503 min
Delta R.T.: -0.010 min
Response: 16781760
Conc: 473.61 ng/ml



#27 AR-1254-2

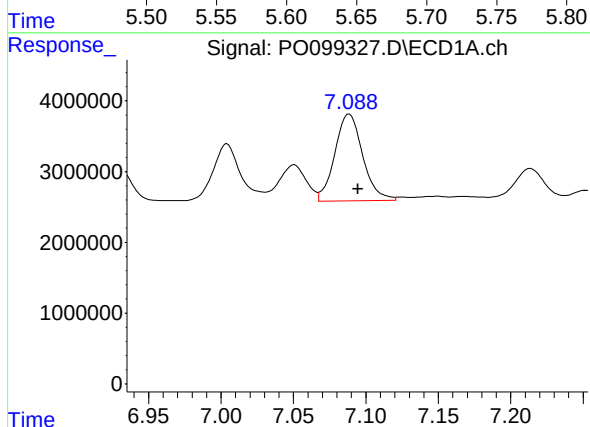
R.T.: 6.725 min
Delta R.T.: -0.003 min
Response: 26494092
Conc: 275.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



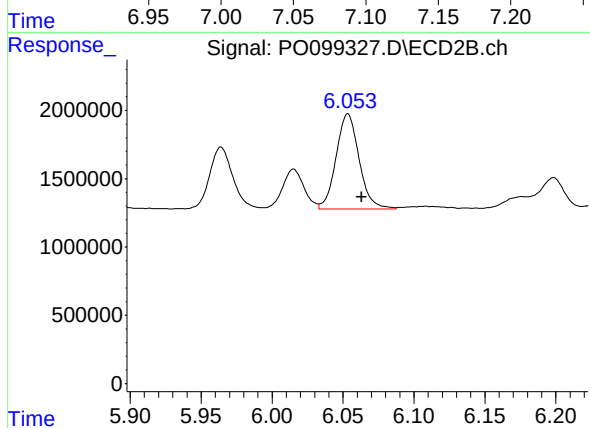
#27 AR-1254-2

R.T.: 5.650 min
Delta R.T.: -0.009 min
Response: 5197804
Conc: 162.51 ng/ml



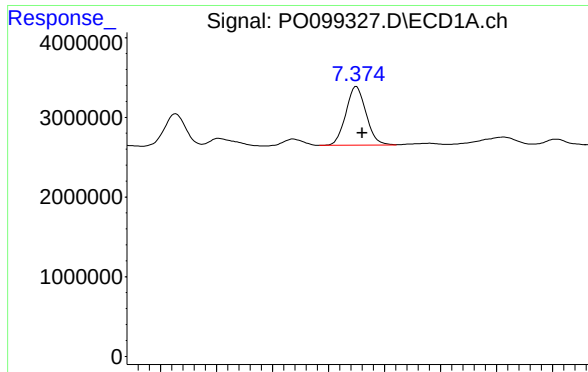
#28 AR-1254-3

R.T.: 7.089 min
Delta R.T.: -0.006 min
Response: 16512079
Conc: 184.73 ng/ml



#28 AR-1254-3

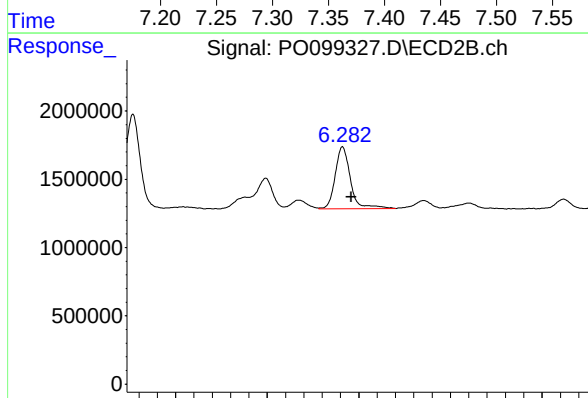
R.T.: 6.053 min
Delta R.T.: -0.010 min
Response: 7846100
Conc: 160.49 ng/ml



#29 AR-1254-4

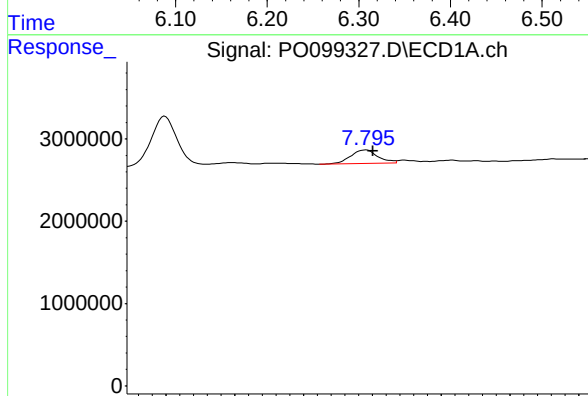
R.T.: 7.375 min
Delta R.T.: -0.005 min
Response: 9269673
Conc: 169.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



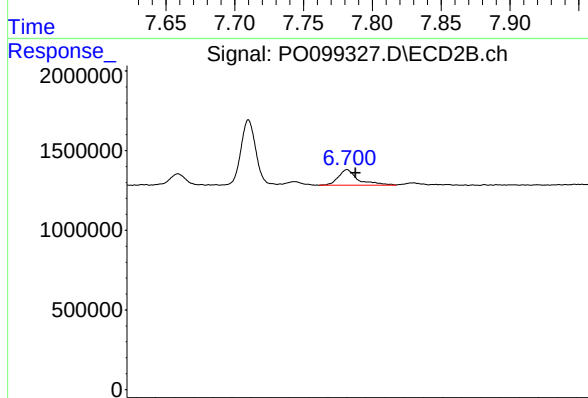
#29 AR-1254-4

R.T.: 6.282 min
Delta R.T.: -0.010 min
Response: 5255458
Conc: 200.54 ng/ml



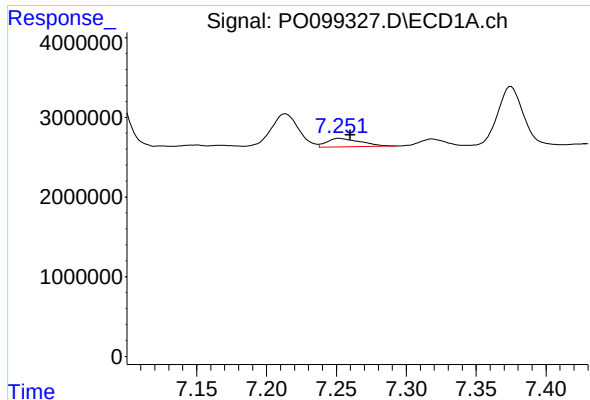
#30 AR-1254-5

R.T.: 7.795 min
Delta R.T.: -0.005 min
Response: 2251877
Conc: 33.44 ng/ml



#30 AR-1254-5

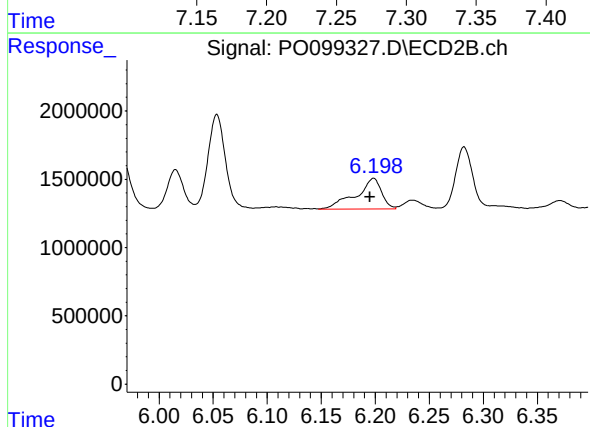
R.T.: 6.700 min
Delta R.T.: -0.009 min
Response: 1428565
Conc: 33.89 ng/ml



#31 AR-1260-1

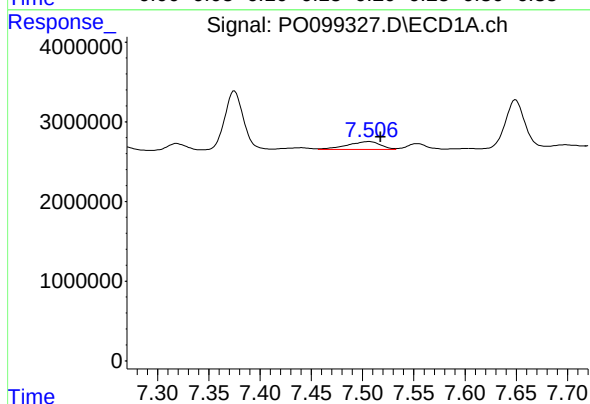
R.T.: 7.252 min
Delta R.T.: -0.008 min
Response: 1795868
Conc: 25.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



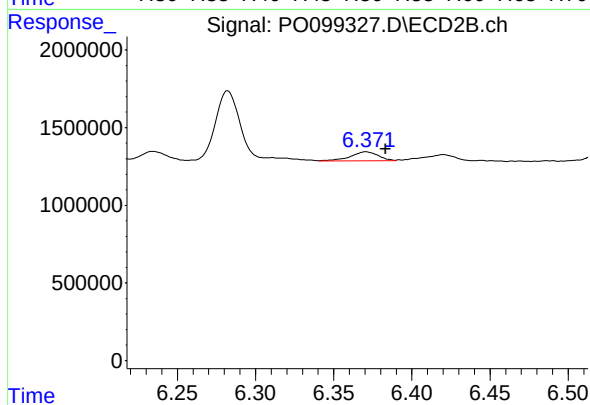
#31 AR-1260-1

R.T.: 6.198 min
Delta R.T.: 0.003 min
Response: 3718978
Conc: 105.43 ng/ml



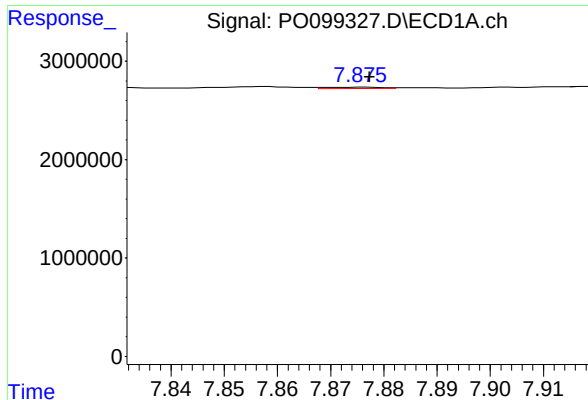
#32 AR-1260-2

R.T.: 7.507 min
Delta R.T.: -0.011 min
Response: 2231493
Conc: 28.28 ng/ml



#32 AR-1260-2

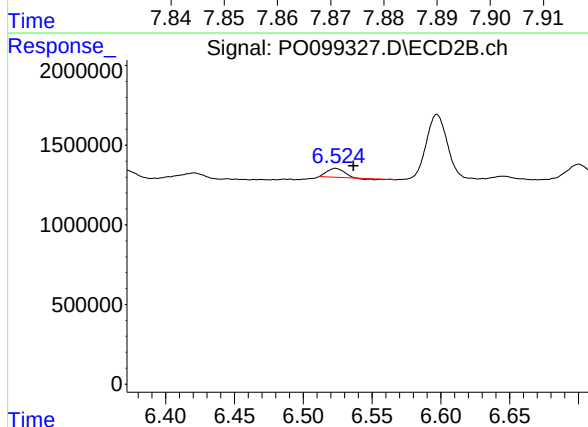
R.T.: 6.371 min
Delta R.T.: -0.012 min
Response: 732564
Conc: 18.27 ng/ml



#33 AR-1260-3

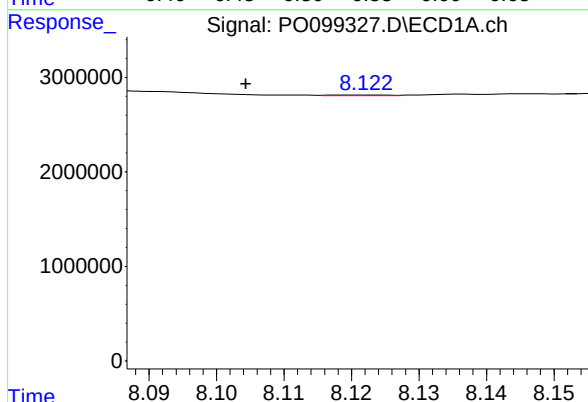
R.T.: 7.876 min
Delta R.T.: -0.002 min
Response: 87563
Conc: 1.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



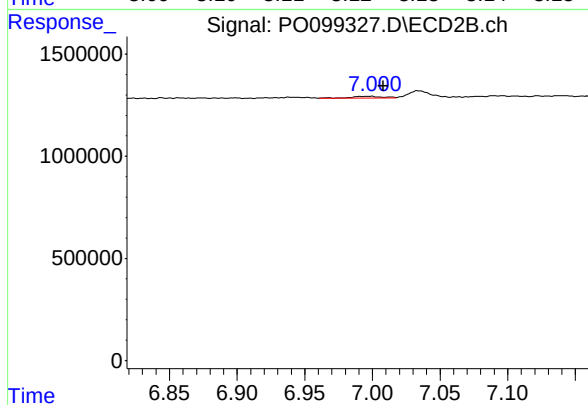
#33 AR-1260-3

R.T.: 6.524 min
Delta R.T.: -0.013 min
Response: 458780
Conc: 12.13 ng/ml



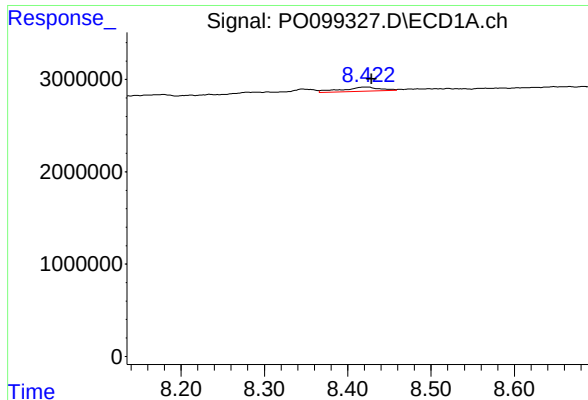
#34 AR-1260-4

R.T.: 8.122 min
Delta R.T.: 0.018 min
Response: 42397
Conc: 0.68 ng/ml



#34 AR-1260-4

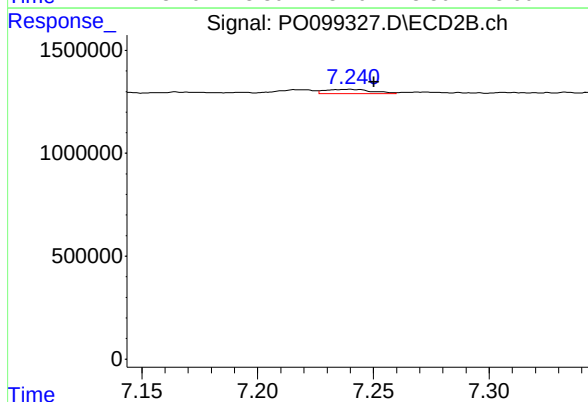
R.T.: 6.999 min
Delta R.T.: -0.009 min
Response: 132988
Conc: 4.60 ng/ml



#35 AR-1260-5

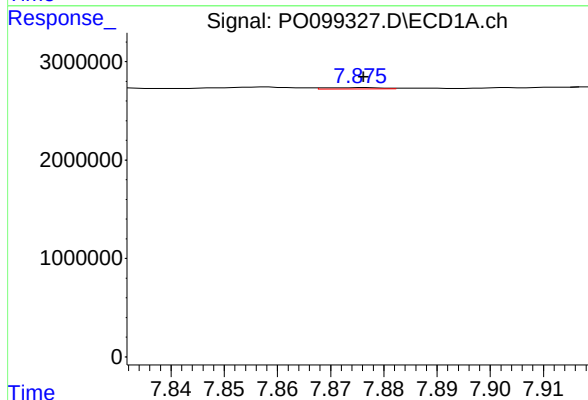
R.T.: 8.423 min
Delta R.T.: -0.006 min
Response: 1433000
Conc: 13.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



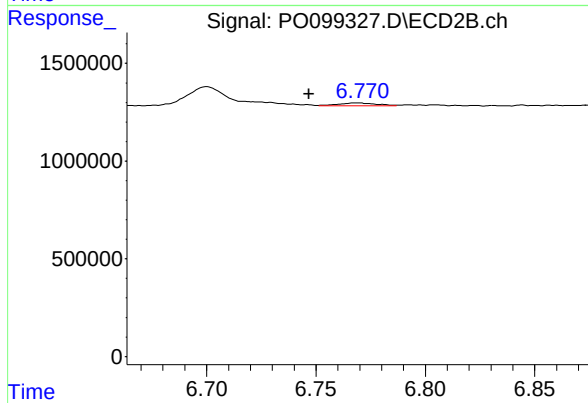
#35 AR-1260-5

R.T.: 7.240 min
Delta R.T.: -0.010 min
Response: 285927
Conc: 4.75 ng/ml



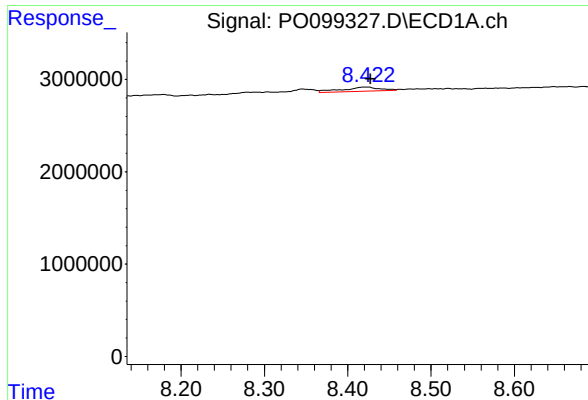
#36 AR-1262-1

R.T.: 7.876 min
Delta R.T.: 0.000 min
Response: 87563
Conc: 0.97 ng/ml



#36 AR-1262-1

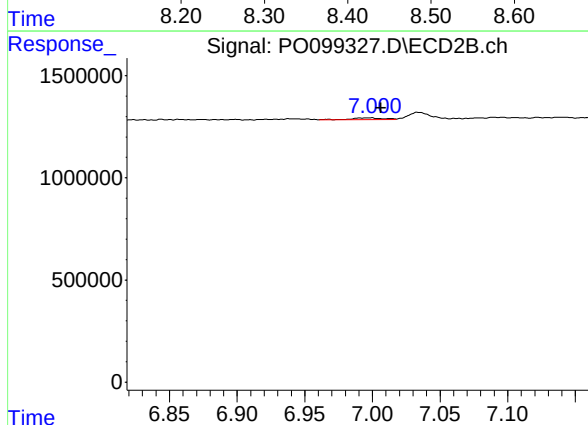
R.T.: 6.769 min
Delta R.T.: 0.022 min
Response: 190908
Conc: 4.07 ng/ml



#37 AR-1262-2

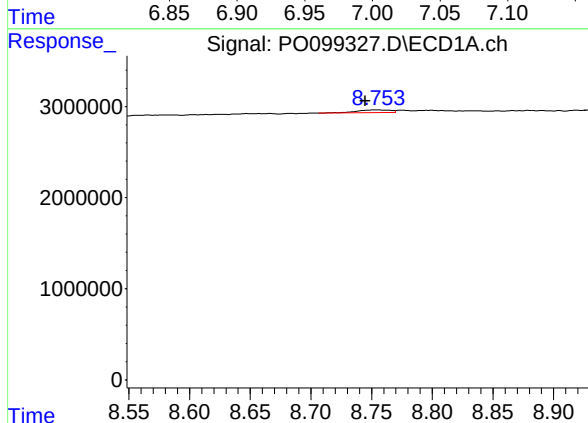
R.T.: 8.423 min
Delta R.T.: -0.005 min
Response: 1433000
Conc: 10.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



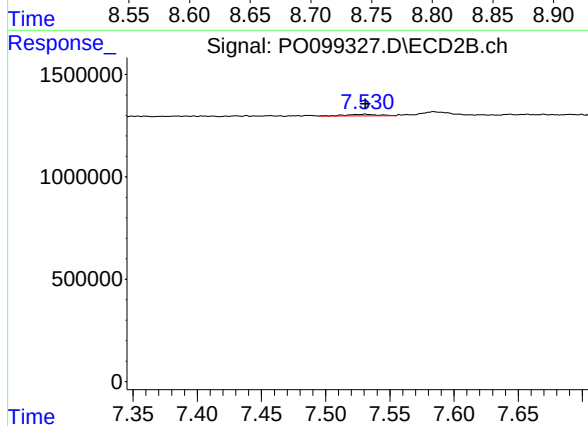
#37 AR-1262-2

R.T.: 6.999 min
Delta R.T.: -0.007 min
Response: 132988
Conc: 3.20 ng/ml



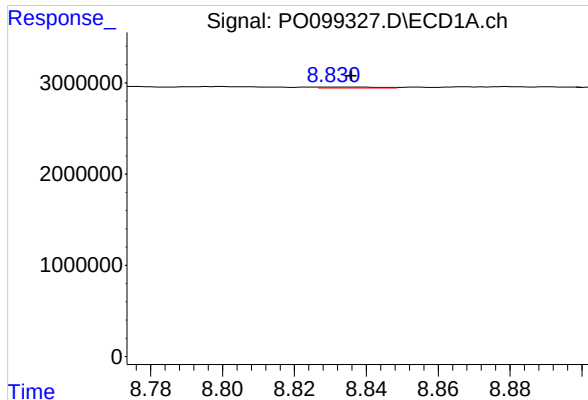
#38 AR-1262-3

R.T.: 8.754 min
Delta R.T.: 0.010 min
Response: 581718
Conc: 5.92 ng/ml



#38 AR-1262-3

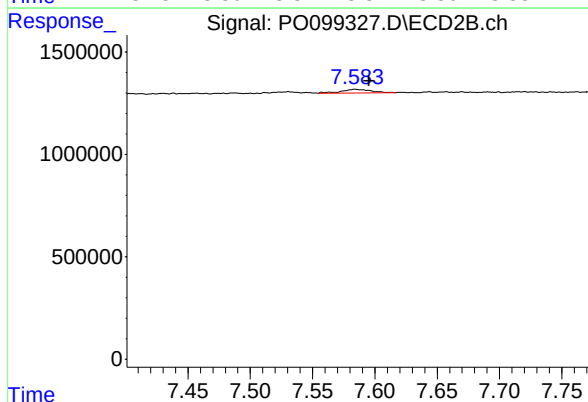
R.T.: 7.531 min
Delta R.T.: 0.000 min
Response: 142734
Conc: 4.47 ng/ml



#39 AR-1262-4

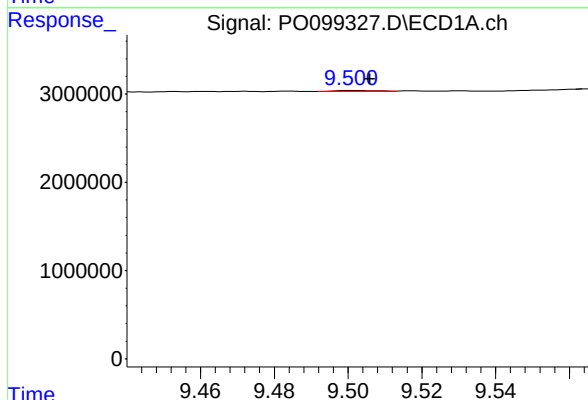
R.T.: 8.838 min
Delta R.T.: 0.002 min
Response: 122185
Conc: 1.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



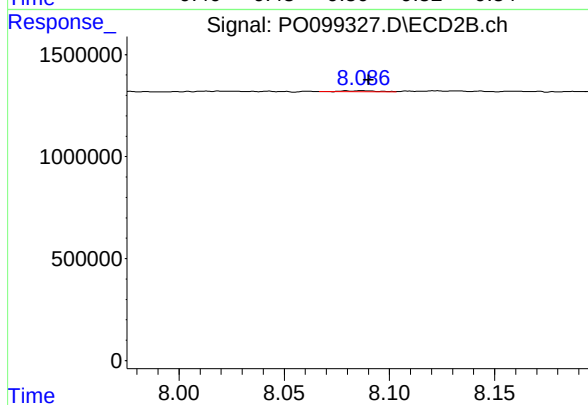
#39 AR-1262-4

R.T.: 7.584 min
Delta R.T.: -0.011 min
Response: 298511
Conc: 5.43 ng/ml



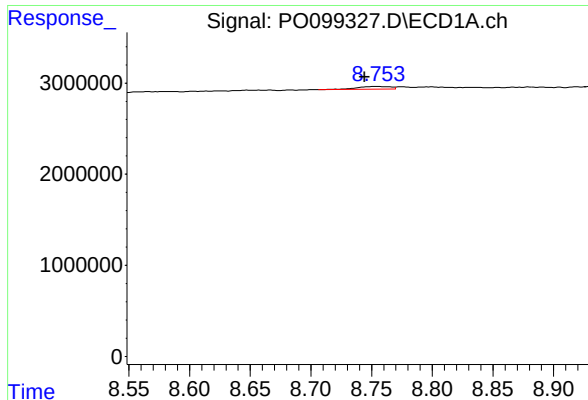
#40 AR-1262-5

R.T.: 9.501 min
Delta R.T.: -0.005 min
Response: 76786
Conc: 1.75 ng/ml



#40 AR-1262-5

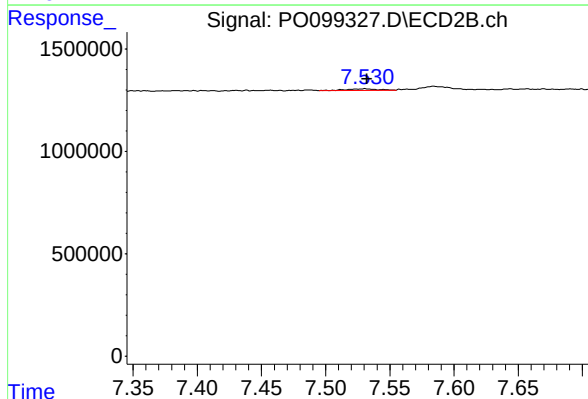
R.T.: 8.087 min
Delta R.T.: -0.003 min
Response: 45938
Conc: 1.83 ng/ml



#41 AR-1268-1

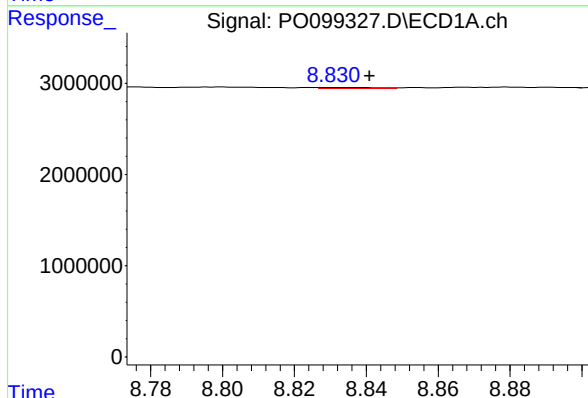
R.T.: 8.754 min
Delta R.T.: 0.010 min
Response: 581718
Conc: 3.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



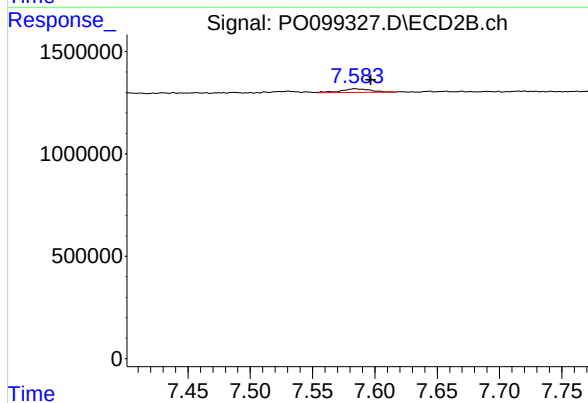
#41 AR-1268-1

R.T.: 7.531 min
Delta R.T.: -0.001 min
Response: 142734
Conc: 1.60 ng/ml



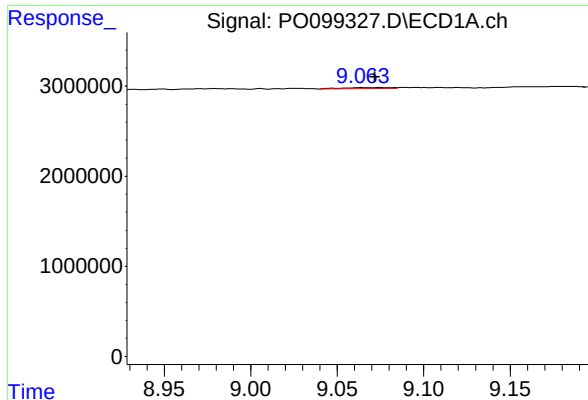
#42 AR-1268-2

R.T.: 8.838 min
Delta R.T.: -0.003 min
Response: 122185
Conc: 0.78 ng/ml



#42 AR-1268-2

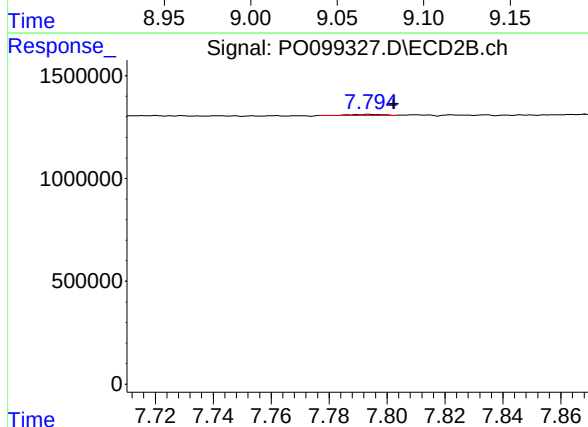
R.T.: 7.584 min
Delta R.T.: -0.012 min
Response: 298511
Conc: 3.78 ng/ml



#43 AR-1268-3

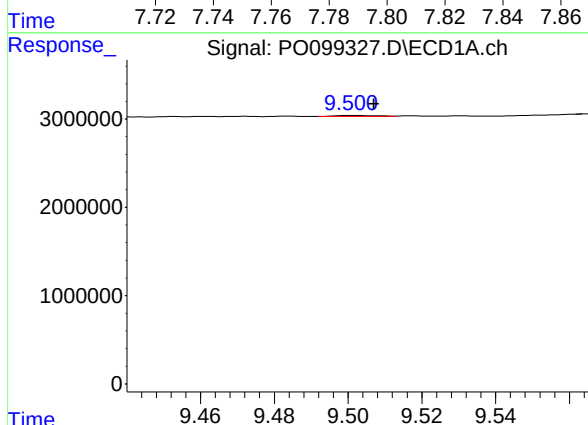
R.T.: 9.064 min
Delta R.T.: -0.008 min
Response: 229160
Conc: 1.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



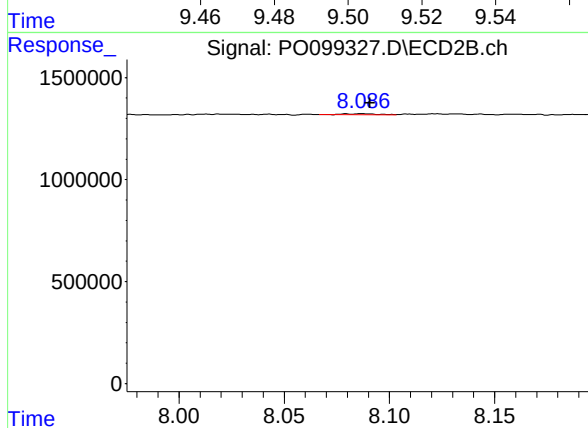
#43 AR-1268-3

R.T.: 7.794 min
Delta R.T.: -0.008 min
Response: 39768
Conc: 0.56 ng/ml



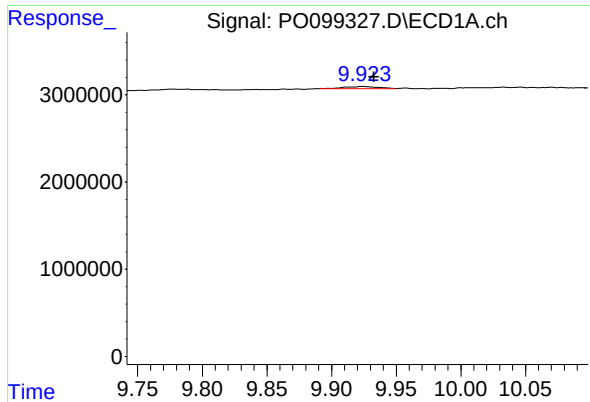
#44 AR-1268-4

R.T.: 9.501 min
Delta R.T.: -0.006 min
Response: 76786
Conc: 1.53 ng/ml



#44 AR-1268-4

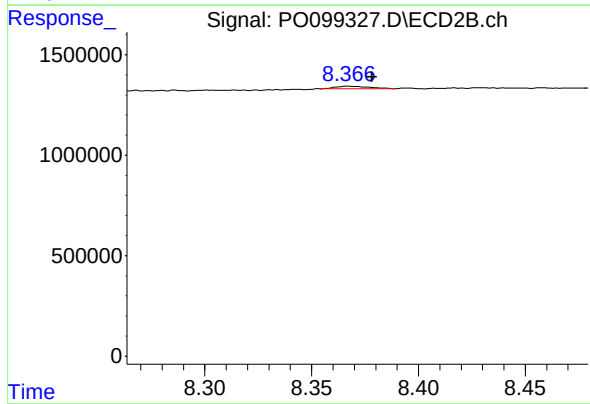
R.T.: 8.087 min
Delta R.T.: -0.004 min
Response: 45938
Conc: 1.67 ng/ml



#45 AR-1268-5

R.T.: 9.924 min
Delta R.T.: -0.009 min
Response: 456696
Conc: 1.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.367 min
Delta R.T.: -0.011 min
Response: 129988
Conc: 0.68 ng/ml