

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082123\
 Data File : P0097364.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2023 03:04
 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: Aug 22 05:01:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 08 04:34:41 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...	4.408	3.613	160.2E6	63594163	48.394	48.039
2) SA Decachlor...	10.343	8.624	112.6E6	50637283	51.460	43.769
Target Compounds						
3) L1 AR-1016-1	5.594	4.715	1385990	510144	14.716	11.506
4) L1 AR-1016-2	5.621	4.715	1633894	510144	12.214	8.340 #
5) L1 AR-1016-3	5.681	4.892	789077	342320	9.068	10.479
6) L1 AR-1016-4	5.779	4.933	735598	14501623	10.951	507.291 #
7) L1 AR-1016-5	6.081	5.147	17680626	10186002	253.242	264.940
8) L2 AR-1221-1	4.620	0.000	38353	0	0.941	N.D. #
9) L2 AR-1221-2	4.718	3.911	2345223	860945	77.197	66.633
10) L2 AR-1221-3	4.783	3.987	542507	190470	6.198	4.798
11) L3 AR-1232-1	4.783	3.987	542507	190470	7.438	5.888
12) L3 AR-1232-2	5.321	4.715	806605	510144	20.345	17.681
13) L3 AR-1232-3	5.621	4.892	1633894	342320	26.710	22.578
14) L3 AR-1232-4	5.779	4.974	735598	4437591	24.107	296.935 #
15) L3 AR-1232-5	5.873	5.147	31002449	10186002	1107.896	623.120 #
16) L4 AR-1242-1	5.594	4.715	1385990	510144	16.536	12.940
17) L4 AR-1242-2	5.621	4.715	1633894	510144	13.875	9.362 #
18) L4 AR-1242-3	5.681	4.892	789077	342320	10.682	11.577
19) L4 AR-1242-4	5.779	4.974	735598	4437591	12.357	140.814 #
20) L4 AR-1242-5	6.538	5.499	14419249	34660424	262.074	951.264 #
21) L5 AR-1248-1	5.594	4.715	1385990	510144	23.654	18.179
22) L5 AR-1248-2	5.873	4.933	31002449	14501623	329.752	342.173
23) L5 AR-1248-3	6.081	4.974	17680626	4437591	180.767	101.165 #
24) L5 AR-1248-4	6.494	5.147	22210861	10186002	244.496	199.530
25) L5 AR-1248-5	6.538	5.540	14419249	4960186	163.695	106.096 #
26) L6 AR-1254-1	6.468	5.499	48652265	34660424	445.164	469.678
27) L6 AR-1254-2	6.692	5.647	74090231	30722672	459.538	466.341
28) L6 AR-1254-3	7.069	6.051	74211566	46274096	473.600	457.876
29) L6 AR-1254-4	7.362	6.281	52849097	28282466	524.202	488.683
30) L6 AR-1254-5	7.792	6.700	55922838	39859556	498.357	453.387
31) L7 AR-1260-1	7.238	6.182	31902011	23590551	253.819	335.245 #
32) L7 AR-1260-2	7.501	6.370	32751860	18971843	243.083	227.308
33) L7 AR-1260-3	7.855	6.523	8728764	18096412	84.113	234.350 #
34) L7 AR-1260-4	8.090	6.997	26252577	2676038	234.810	41.759 #
35) L7 AR-1260-5	8.436	7.241	7027718	5697330	33.469	41.096
36) L8 AR-1262-1	7.855	6.789	8728764	1437676	58.769	36.518 #
37) L8 AR-1262-2	8.436	6.997	7027718	2676038	30.362	32.995
38) L8 AR-1262-3	8.780	7.514	6263632	1546647	37.552	24.101 #
39) L8 AR-1262-4	8.856	7.586	163472	4177297	2.242	36.772 #
40) L8 AR-1262-5	9.540	8.091	126024	353259	1.513	6.726 #
41) L9 AR-1268-1	8.780	7.514	6263632	1546647	20.376	8.347 #

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Instrument :
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Integration File signal 1: autoint1.e
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 Quant Time: Aug 22 05:01:25 2023
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 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
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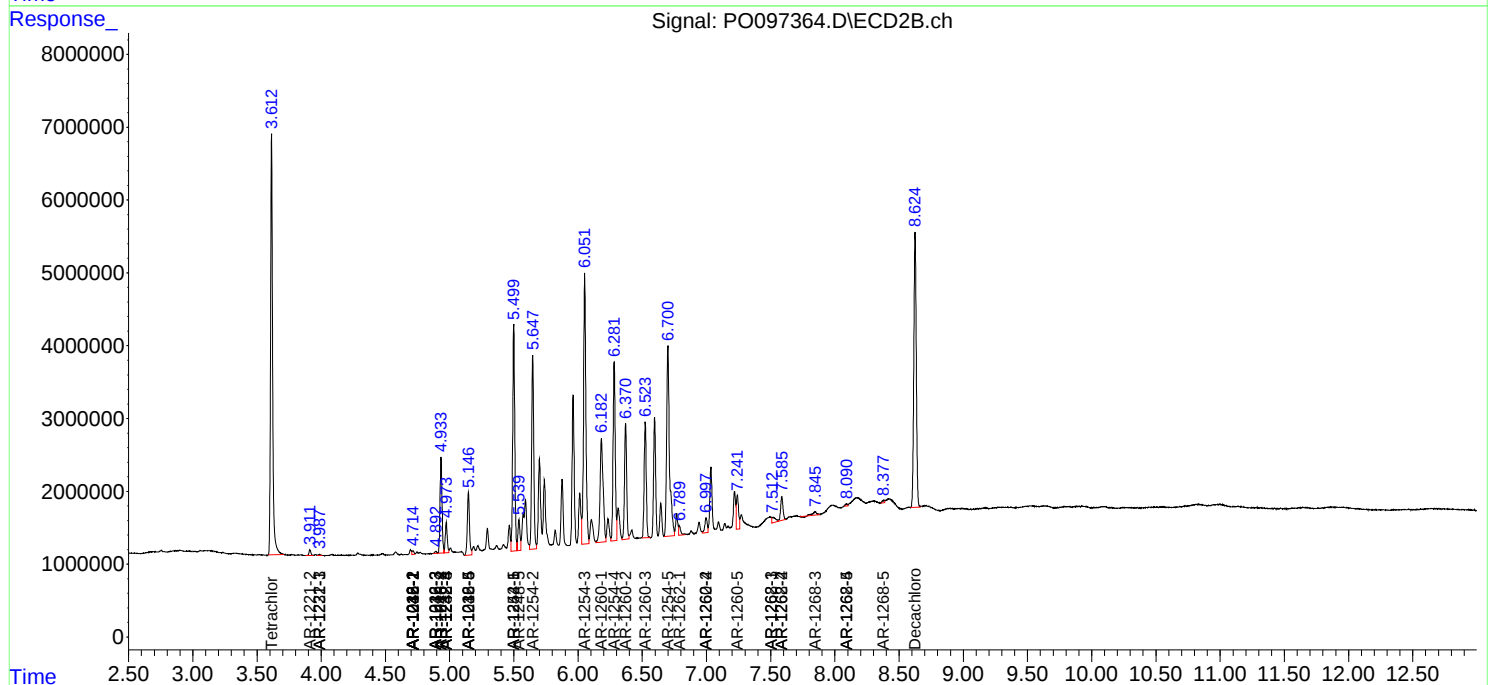
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

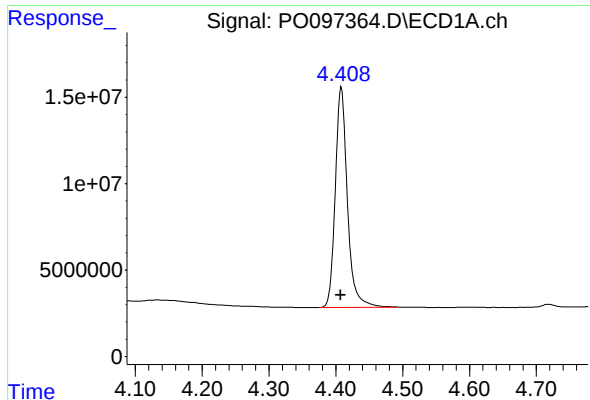
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.856	7.586	163472	4177297	0.596	24.911 #
43) L9	AR-1268-3	9.100	7.845f	563149	884032	2.205	6.119 #
44) L9	AR-1268-4	9.540	8.091	126024	353259	1.359	5.930 #
45) L9	AR-1268-5	9.987	8.378	1357032	354566	1.680	0.852 #

(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

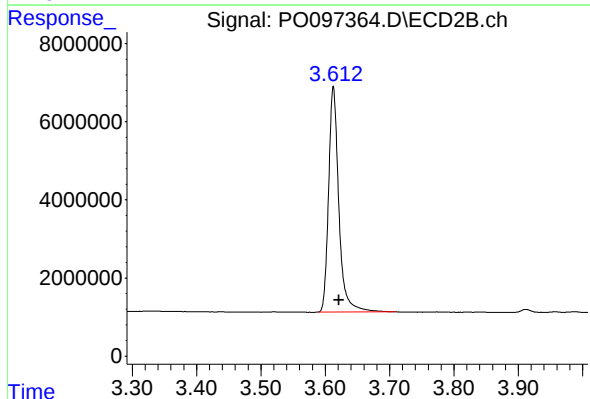




#1 Tetrachloro-m-xylene

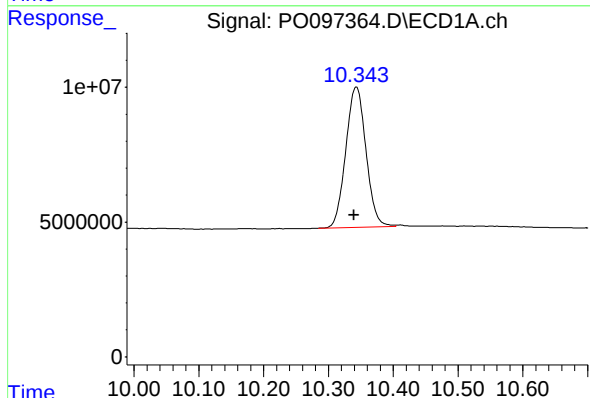
R.T.: 4.408 min
Delta R.T.: 0.001 min
Response: 160191827
Conc: 48.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



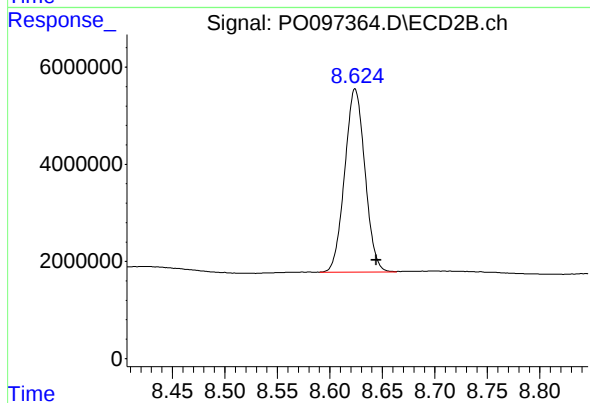
#1 Tetrachloro-m-xylene

R.T.: 3.613 min
Delta R.T.: -0.008 min
Response: 63594163
Conc: 48.04 ng/ml



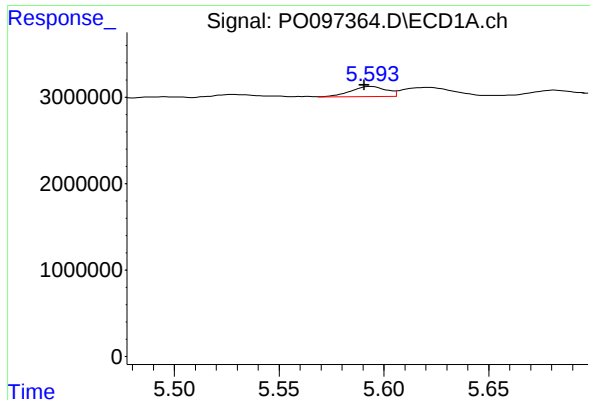
#2 Decachlorobiphenyl

R.T.: 10.343 min
Delta R.T.: 0.004 min
Response: 112603742
Conc: 51.46 ng/ml



#2 Decachlorobiphenyl

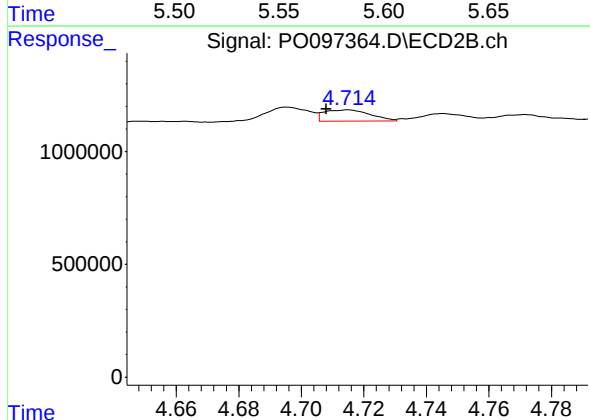
R.T.: 8.624 min
Delta R.T.: -0.020 min
Response: 50637283
Conc: 43.77 ng/ml



#3 AR-1016-1

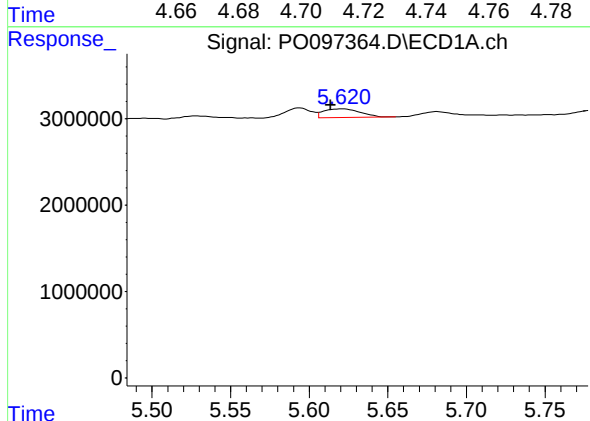
R.T.: 5.594 min
Delta R.T.: 0.003 min
Response: 1385990
Conc: 14.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



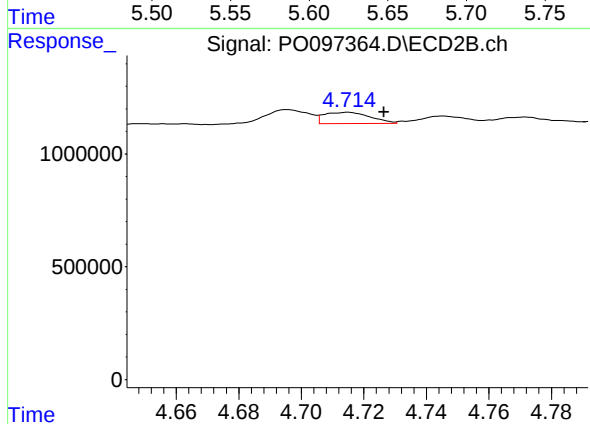
#3 AR-1016-1

R.T.: 4.715 min
Delta R.T.: 0.007 min
Response: 510144
Conc: 11.51 ng/ml



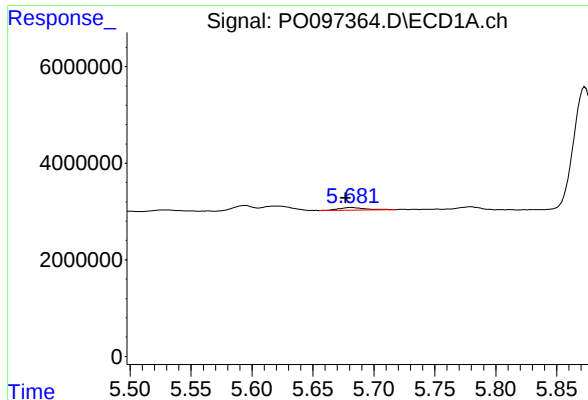
#4 AR-1016-2

R.T.: 5.621 min
Delta R.T.: 0.007 min
Response: 1633894
Conc: 12.21 ng/ml



#4 AR-1016-2

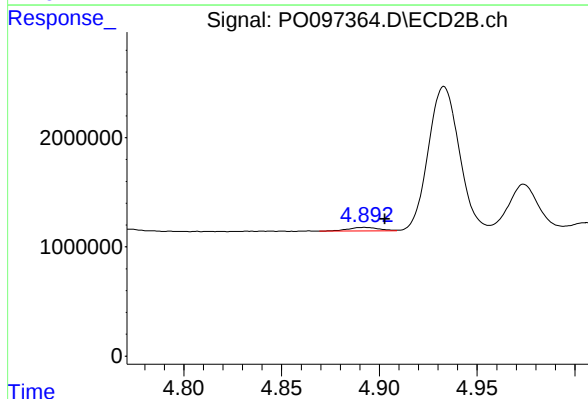
R.T.: 4.715 min
Delta R.T.: -0.012 min
Response: 510144
Conc: 8.34 ng/ml



#5 AR-1016-3

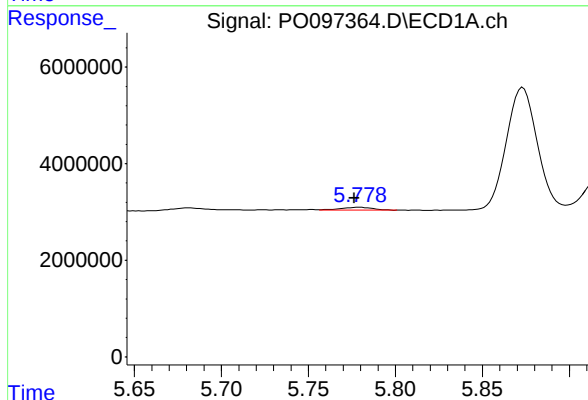
R.T.: 5.681 min
Delta R.T.: 0.005 min
Response: 789077
Conc: 9.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



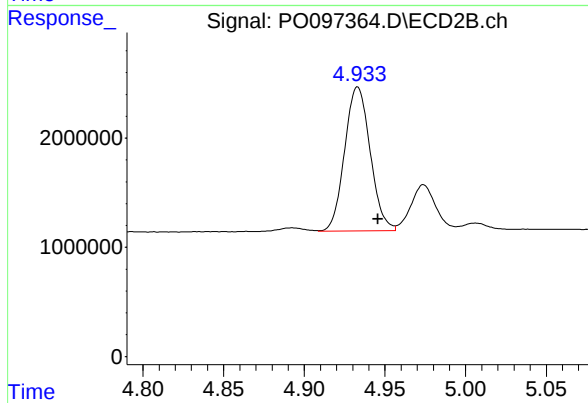
#5 AR-1016-3

R.T.: 4.892 min
Delta R.T.: -0.011 min
Response: 342320
Conc: 10.48 ng/ml



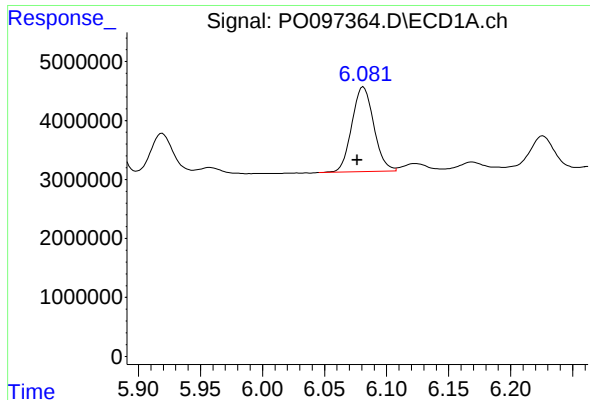
#6 AR-1016-4

R.T.: 5.779 min
Delta R.T.: 0.003 min
Response: 735598
Conc: 10.95 ng/ml



#6 AR-1016-4

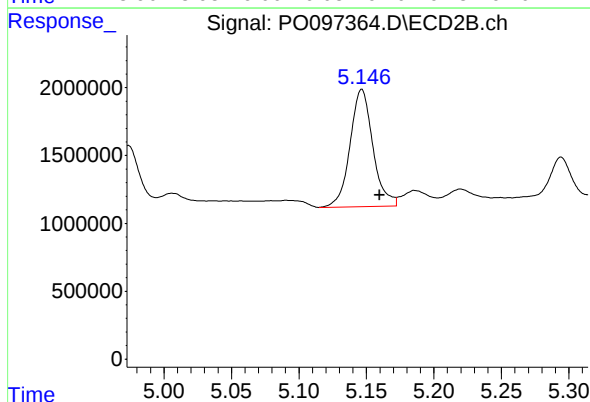
R.T.: 4.933 min
Delta R.T.: -0.013 min
Response: 14501623
Conc: 507.29 ng/ml



#7 AR-1016-5

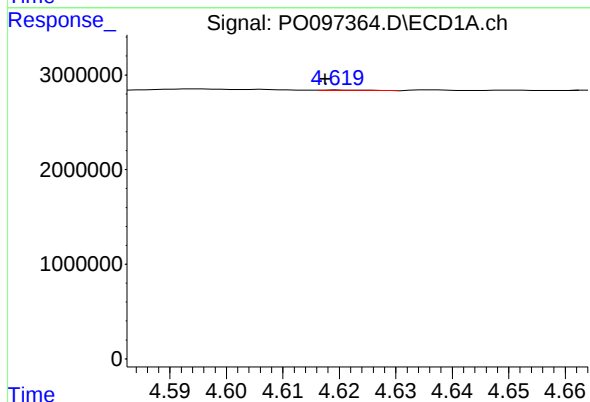
R.T.: 6.081 min
Delta R.T.: 0.005 min
Response: 17680626
Conc: 253.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



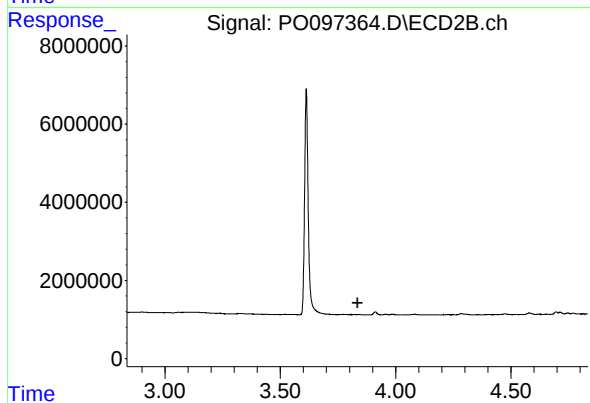
#7 AR-1016-5

R.T.: 5.147 min
Delta R.T.: -0.013 min
Response: 10186002
Conc: 264.94 ng/ml



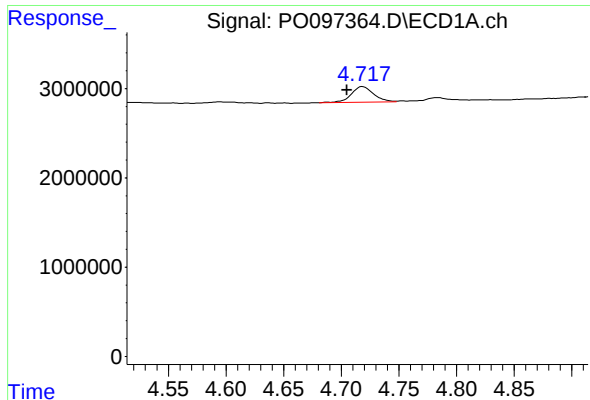
#8 AR-1221-1

R.T.: 4.620 min
Delta R.T.: 0.003 min
Response: 38353
Conc: 0.94 ng/ml



#8 AR-1221-1

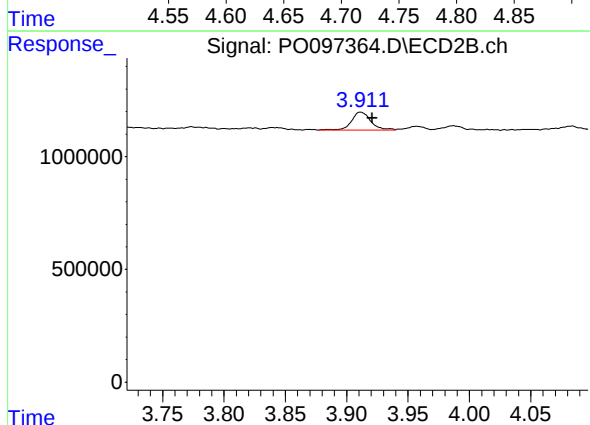
R.T.: 0.000 min
Exp R.T. : 3.835 min
Response: 0
Conc: N.D.



#9 AR-1221-2

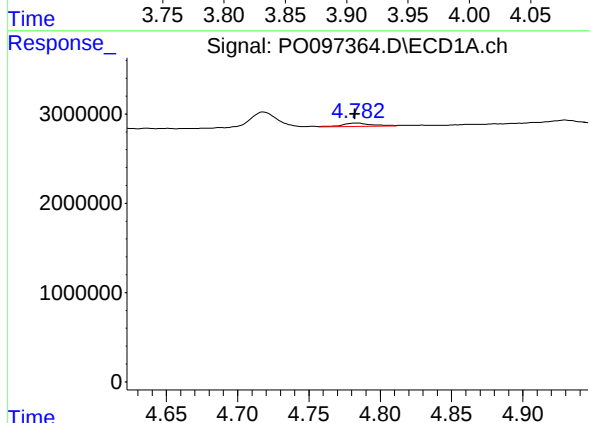
R.T.: 4.718 min
Delta R.T.: 0.013 min
Response: 2345223
Conc: 77.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



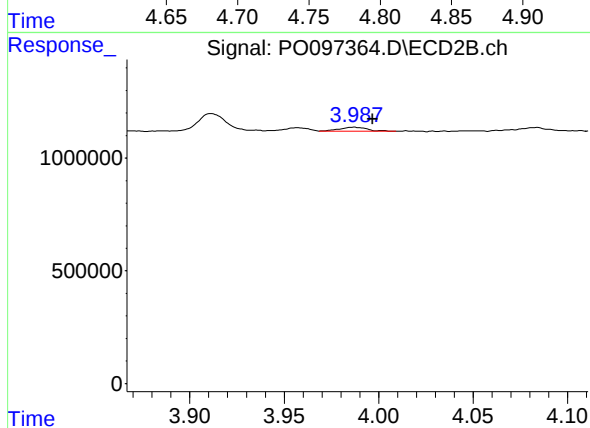
#9 AR-1221-2

R.T.: 3.911 min
Delta R.T.: -0.009 min
Response: 860945
Conc: 66.63 ng/ml



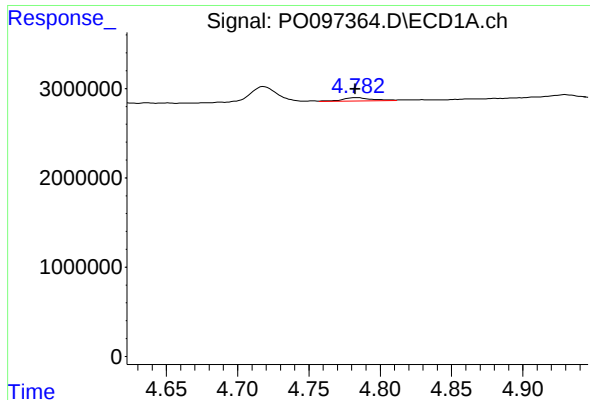
#10 AR-1221-3

R.T.: 4.783 min
Delta R.T.: 0.001 min
Response: 542507
Conc: 6.20 ng/ml



#10 AR-1221-3

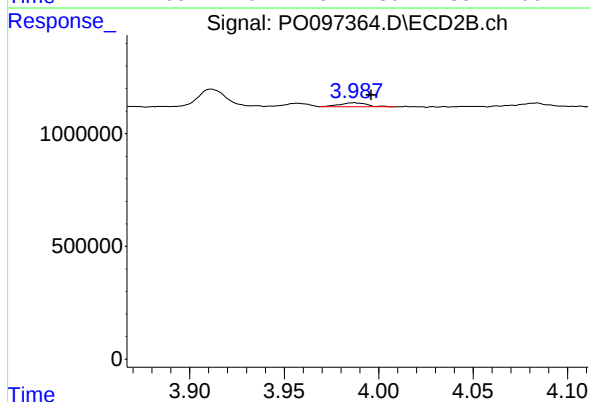
R.T.: 3.987 min
Delta R.T.: -0.010 min
Response: 190470
Conc: 4.80 ng/ml



#11 AR-1232-1

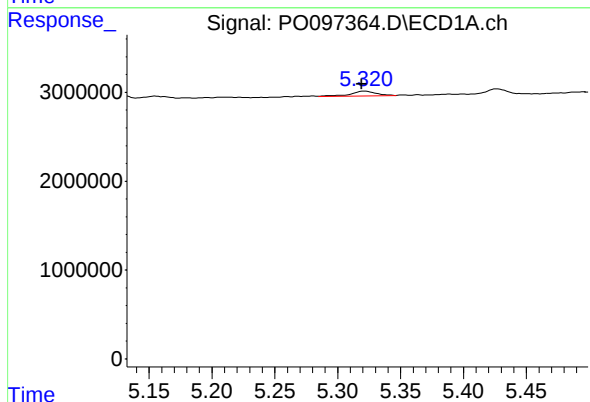
R.T.: 4.783 min
Delta R.T.: 0.001 min
Response: 542507
Conc: 7.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



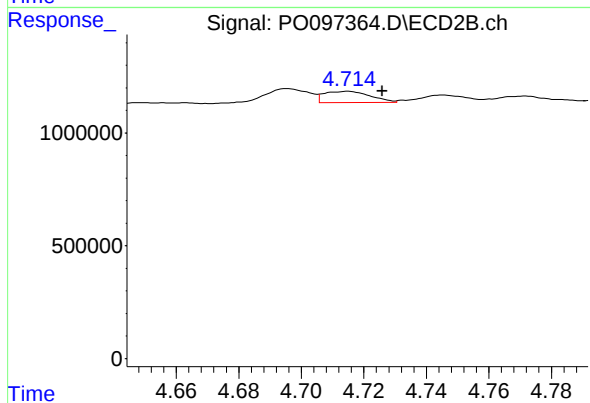
#11 AR-1232-1

R.T.: 3.987 min
Delta R.T.: -0.009 min
Response: 190470
Conc: 5.89 ng/ml



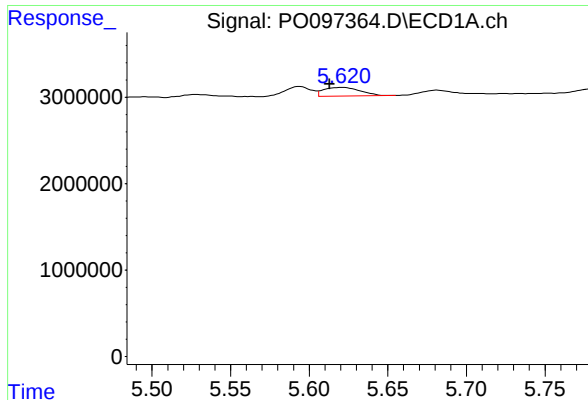
#12 AR-1232-2

R.T.: 5.321 min
Delta R.T.: 0.002 min
Response: 806605
Conc: 20.35 ng/ml



#12 AR-1232-2

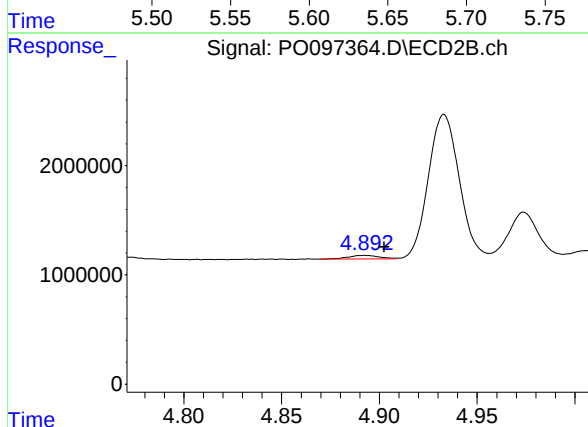
R.T.: 4.715 min
Delta R.T.: -0.011 min
Response: 510144
Conc: 17.68 ng/ml



#13 AR-1232-3

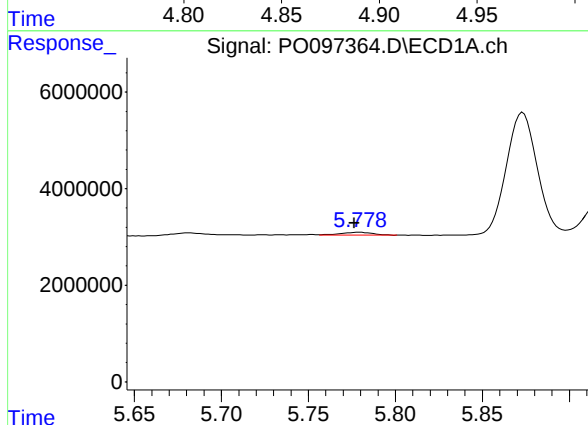
R.T.: 5.621 min
Delta R.T.: 0.008 min
Response: 1633894
Conc: 26.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



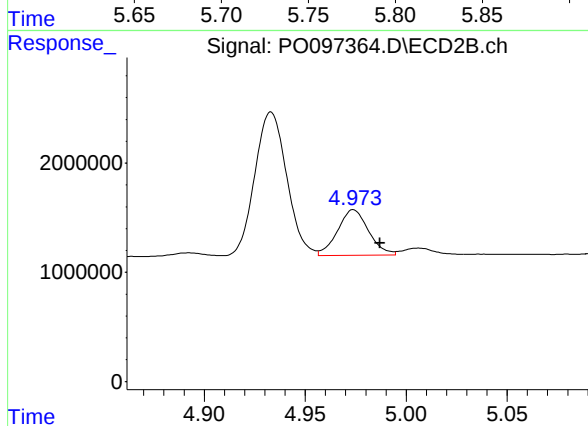
#13 AR-1232-3

R.T.: 4.892 min
Delta R.T.: -0.010 min
Response: 342320
Conc: 22.58 ng/ml



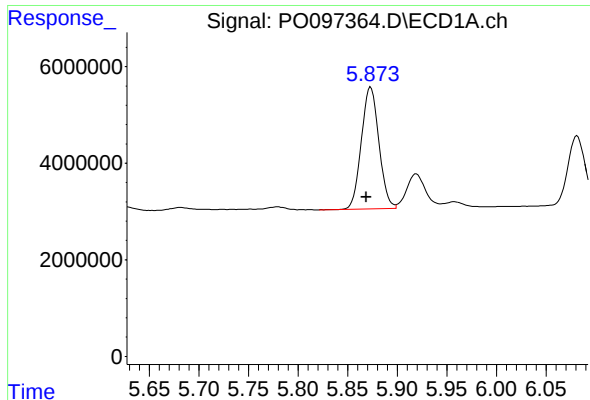
#14 AR-1232-4

R.T.: 5.779 min
Delta R.T.: 0.003 min
Response: 735598
Conc: 24.11 ng/ml



#14 AR-1232-4

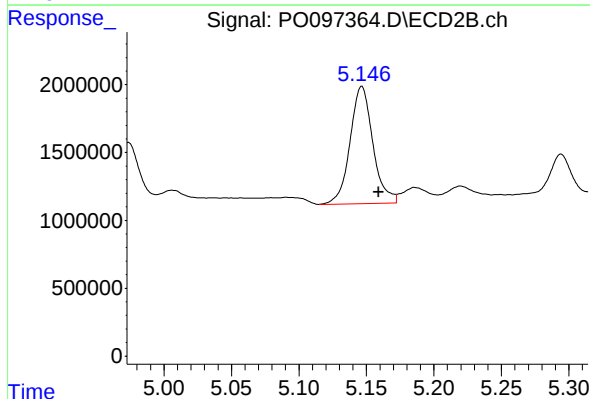
R.T.: 4.974 min
Delta R.T.: -0.013 min
Response: 4437591
Conc: 296.93 ng/ml



#15 AR-1232-5

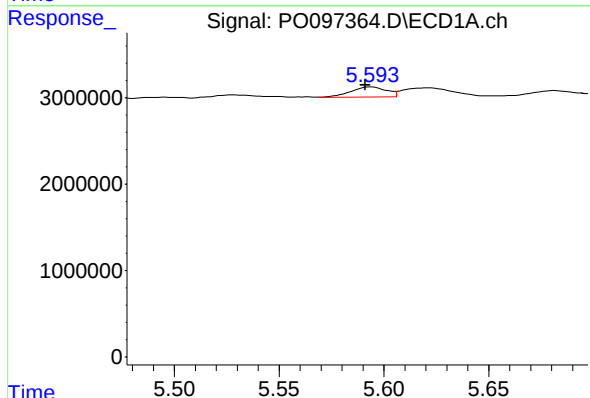
R.T.: 5.873 min
Delta R.T.: 0.004 min
Response: 31002449
Conc: 1107.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



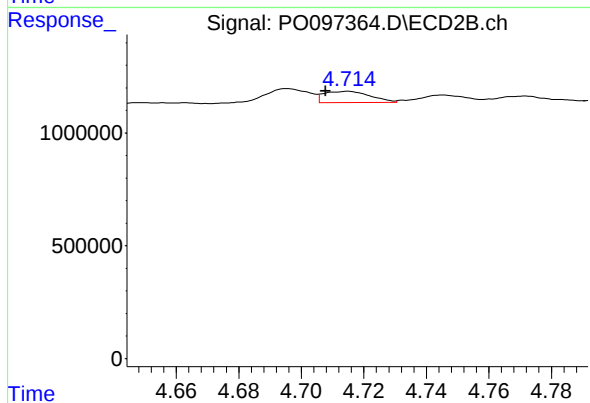
#15 AR-1232-5

R.T.: 5.147 min
Delta R.T.: -0.013 min
Response: 10186002
Conc: 623.12 ng/ml



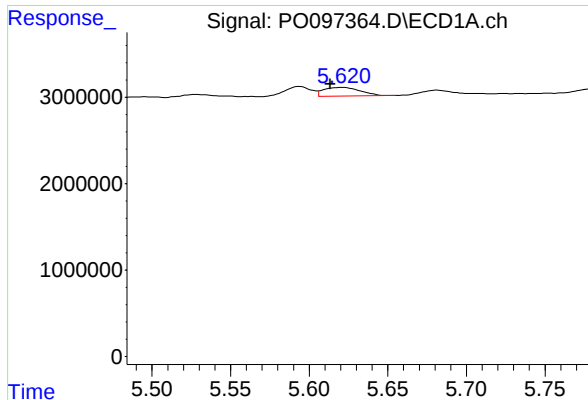
#16 AR-1242-1

R.T.: 5.594 min
Delta R.T.: 0.003 min
Response: 1385990
Conc: 16.54 ng/ml



#16 AR-1242-1

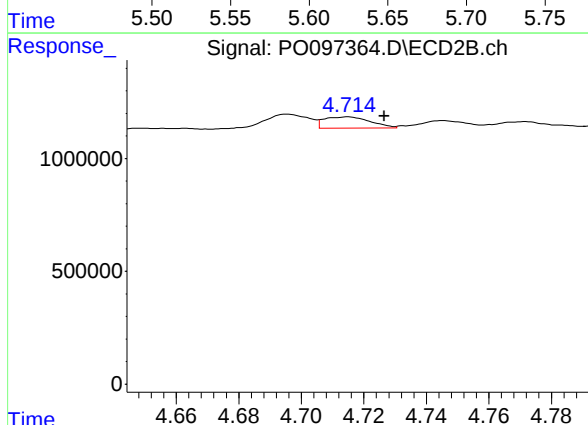
R.T.: 4.715 min
Delta R.T.: 0.007 min
Response: 510144
Conc: 12.94 ng/ml



#17 AR-1242-2

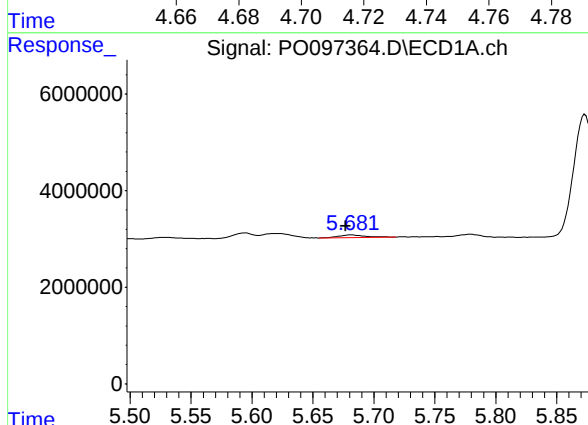
R.T.: 5.621 min
Delta R.T.: 0.007 min
Response: 1633894
Conc: 13.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



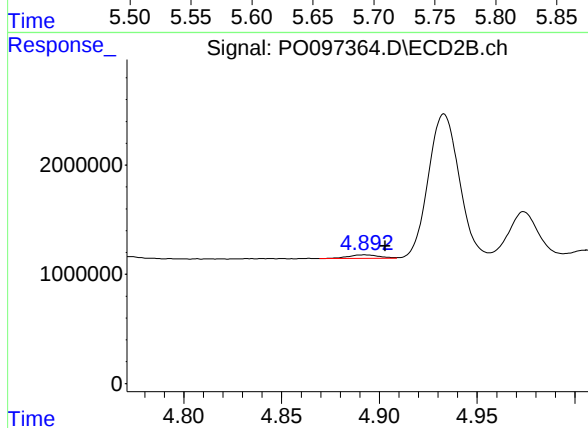
#17 AR-1242-2

R.T.: 4.715 min
Delta R.T.: -0.012 min
Response: 510144
Conc: 9.36 ng/ml



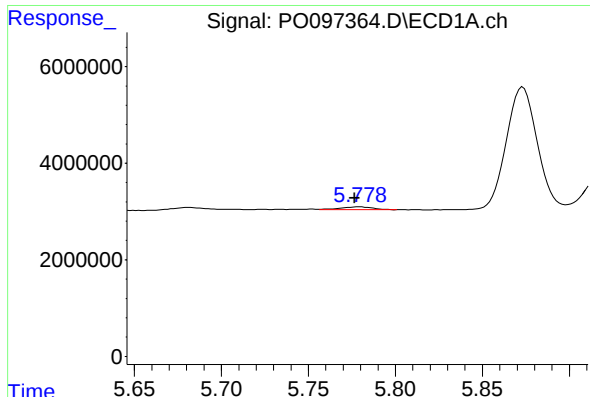
#18 AR-1242-3

R.T.: 5.681 min
Delta R.T.: 0.005 min
Response: 789077
Conc: 10.68 ng/ml



#18 AR-1242-3

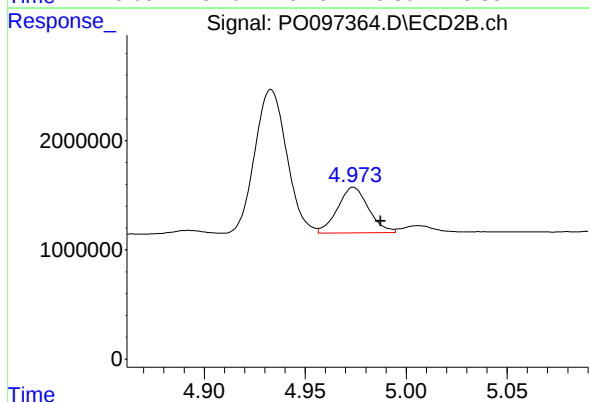
R.T.: 4.892 min
Delta R.T.: -0.011 min
Response: 342320
Conc: 11.58 ng/ml



#19 AR-1242-4

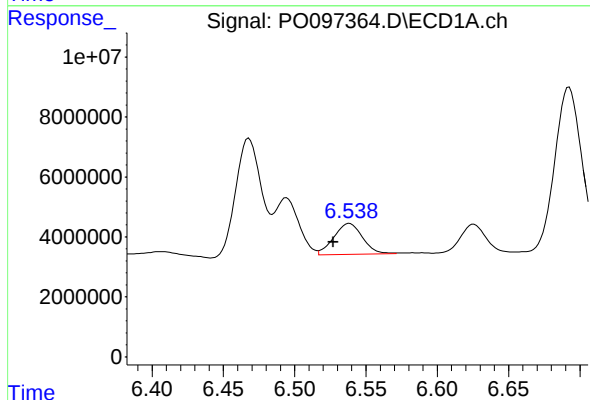
R.T.: 5.779 min
Delta R.T.: 0.003 min
Response: 735598
Conc: 12.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



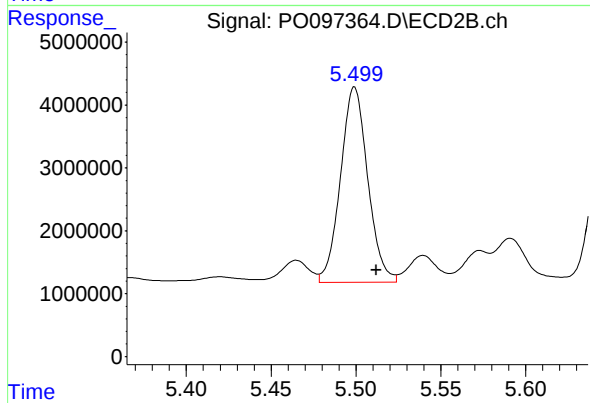
#19 AR-1242-4

R.T.: 4.974 min
Delta R.T.: -0.013 min
Response: 4437591
Conc: 140.81 ng/ml



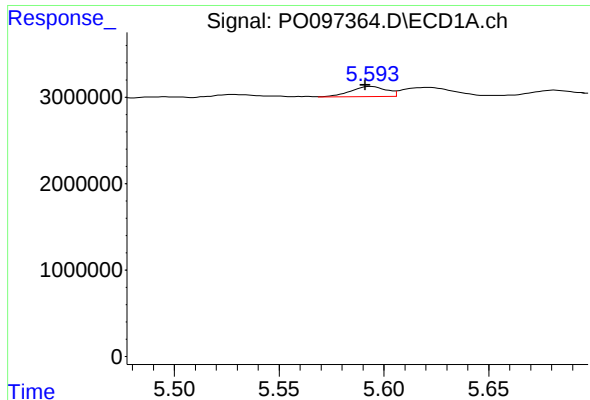
#20 AR-1242-5

R.T.: 6.538 min
Delta R.T.: 0.011 min
Response: 14419249
Conc: 262.07 ng/ml



#20 AR-1242-5

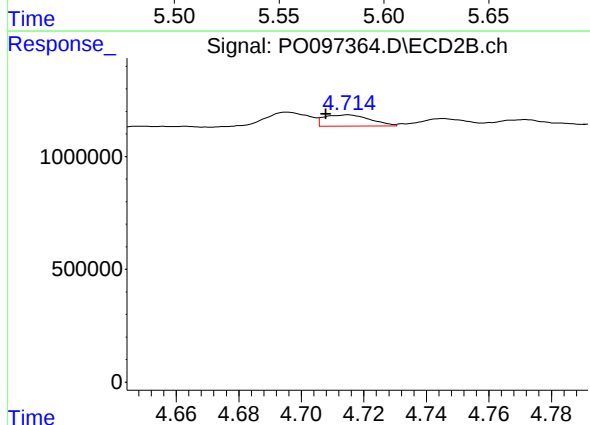
R.T.: 5.499 min
Delta R.T.: -0.013 min
Response: 34660424
Conc: 951.26 ng/ml



#21 AR-1248-1

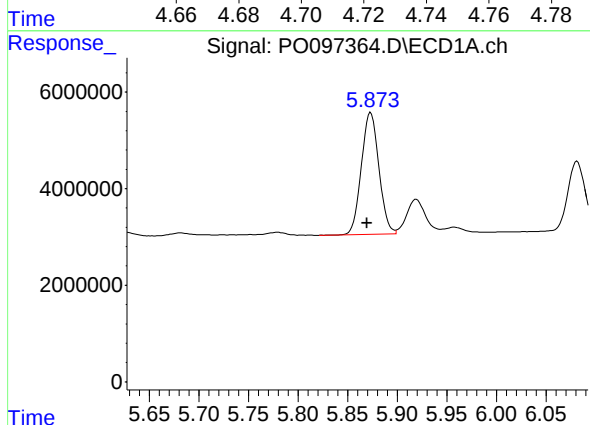
R.T.: 5.594 min
Delta R.T.: 0.003 min
Response: 1385990
Conc: 23.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



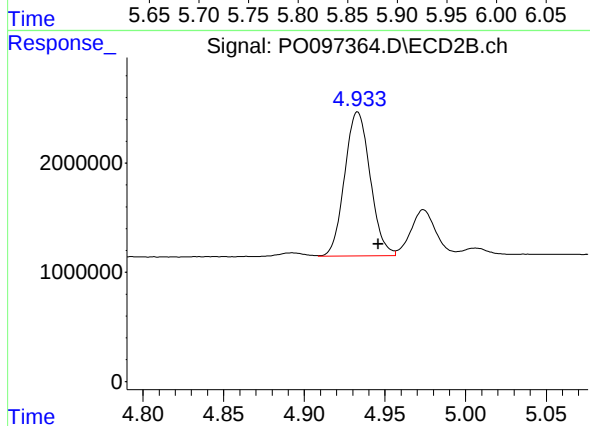
#21 AR-1248-1

R.T.: 4.715 min
Delta R.T.: 0.007 min
Response: 510144
Conc: 18.18 ng/ml



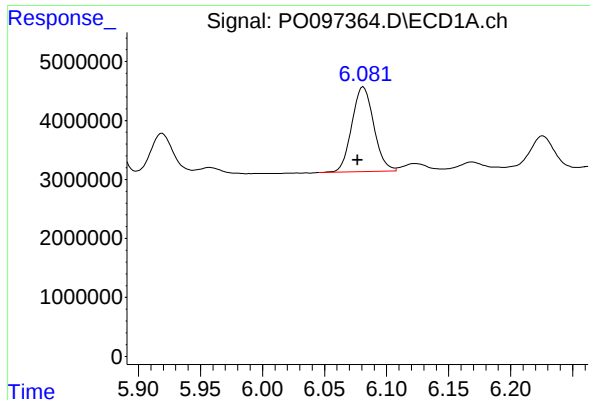
#22 AR-1248-2

R.T.: 5.873 min
Delta R.T.: 0.004 min
Response: 31002449
Conc: 329.75 ng/ml



#22 AR-1248-2

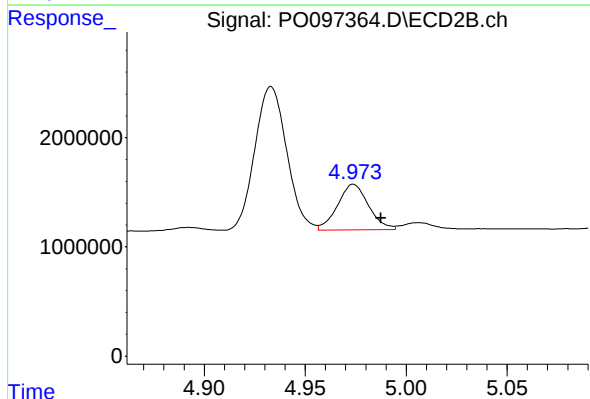
R.T.: 4.933 min
Delta R.T.: -0.013 min
Response: 14501623
Conc: 342.17 ng/ml



#23 AR-1248-3

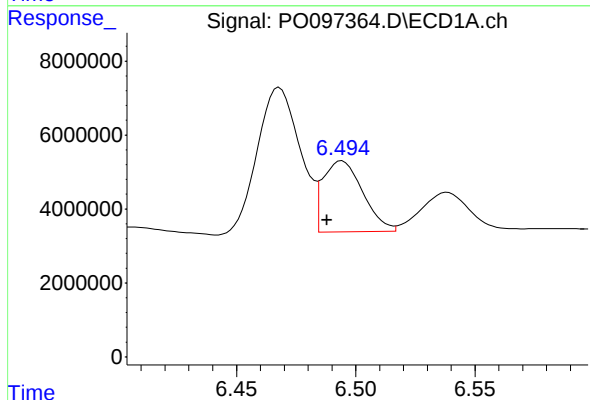
R.T.: 6.081 min
Delta R.T.: 0.004 min
Response: 17680626
Conc: 180.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



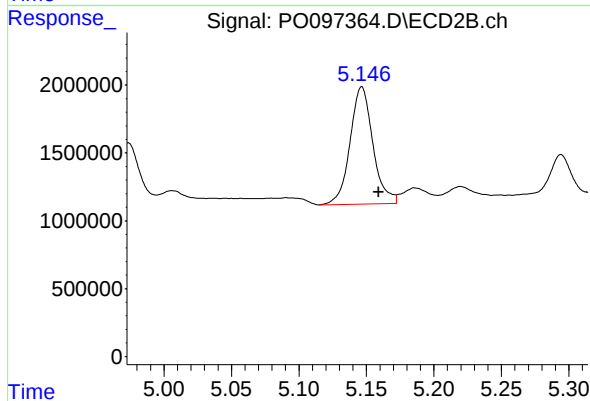
#23 AR-1248-3

R.T.: 4.974 min
Delta R.T.: -0.013 min
Response: 4437591
Conc: 101.16 ng/ml



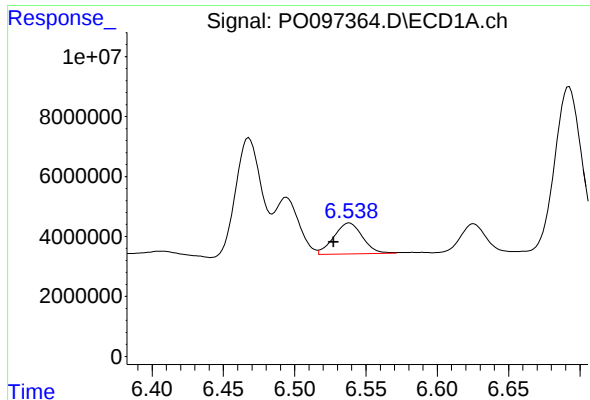
#24 AR-1248-4

R.T.: 6.494 min
Delta R.T.: 0.006 min
Response: 22210861
Conc: 244.50 ng/ml



#24 AR-1248-4

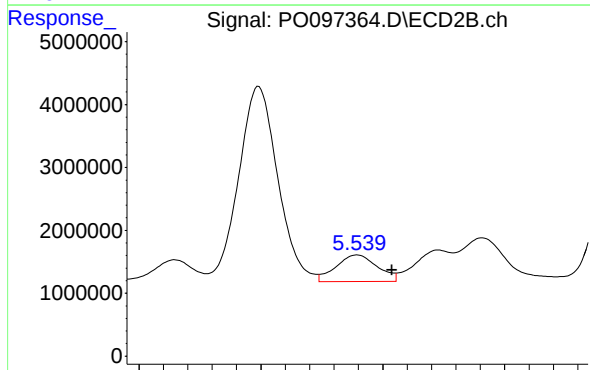
R.T.: 5.147 min
Delta R.T.: -0.013 min
Response: 10186002
Conc: 199.53 ng/ml



#25 AR-1248-5

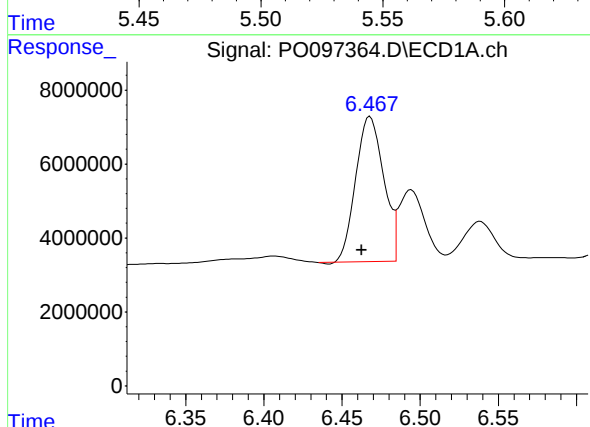
R.T.: 6.538 min
Delta R.T.: 0.011 min
Response: 14419249
Conc: 163.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



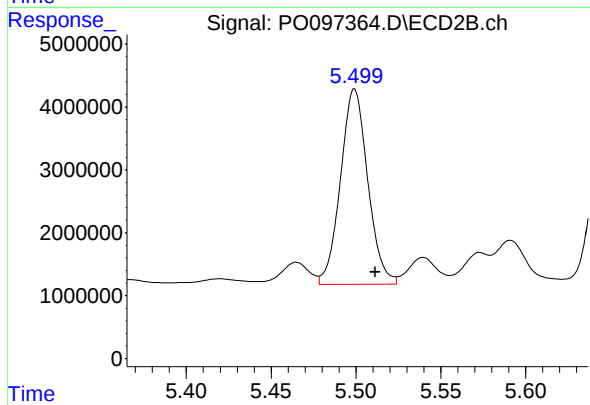
#25 AR-1248-5

R.T.: 5.540 min
Delta R.T.: -0.014 min
Response: 4960186
Conc: 106.10 ng/ml



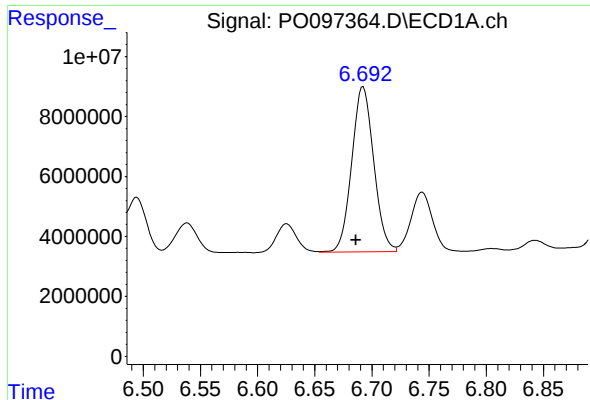
#26 AR-1254-1

R.T.: 6.468 min
Delta R.T.: 0.005 min
Response: 48652265
Conc: 445.16 ng/ml



#26 AR-1254-1

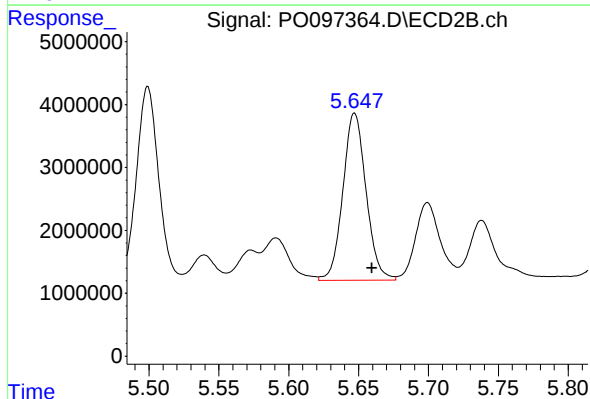
R.T.: 5.499 min
Delta R.T.: -0.012 min
Response: 34660424
Conc: 469.68 ng/ml



#27 AR-1254-2

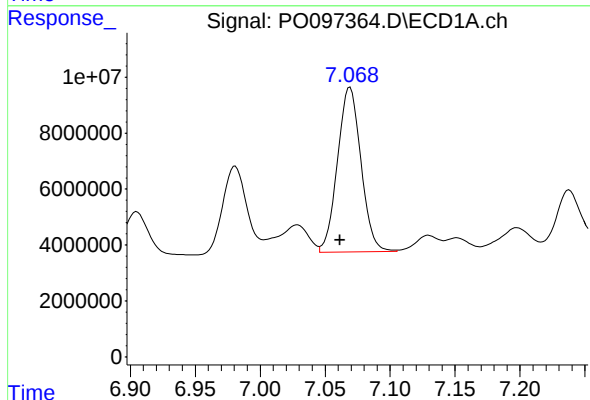
R.T.: 6.692 min
Delta R.T.: 0.006 min
Response: 74090231
Conc: 459.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



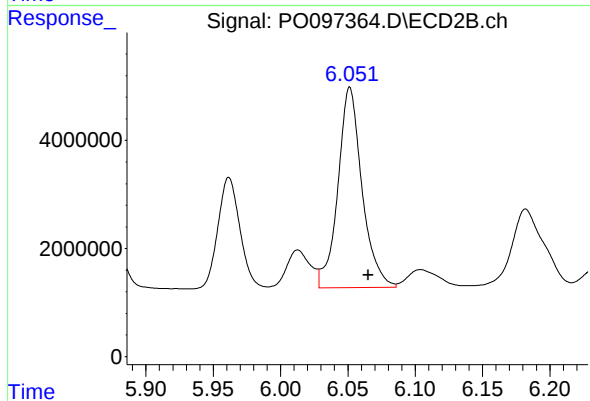
#27 AR-1254-2

R.T.: 5.647 min
Delta R.T.: -0.012 min
Response: 30722672
Conc: 466.34 ng/ml



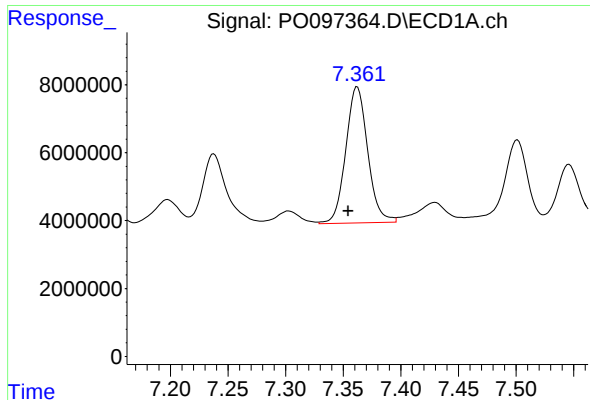
#28 AR-1254-3

R.T.: 7.069 min
Delta R.T.: 0.008 min
Response: 74211566
Conc: 473.60 ng/ml



#28 AR-1254-3

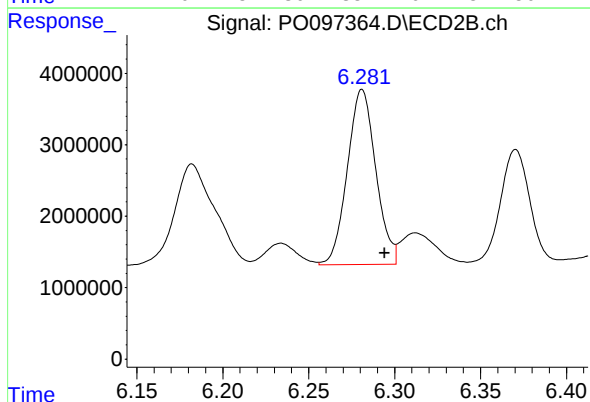
R.T.: 6.051 min
Delta R.T.: -0.014 min
Response: 46274096
Conc: 457.88 ng/ml



#29 AR-1254-4

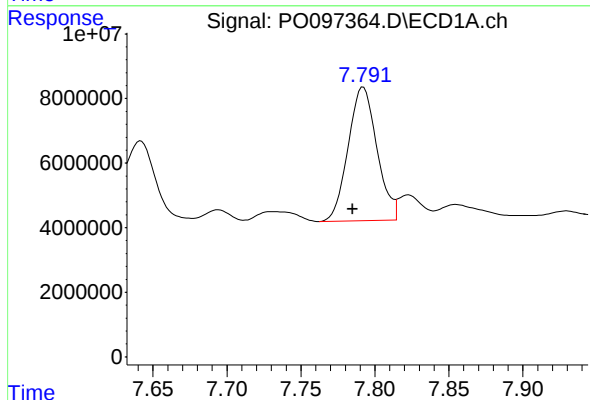
R.T.: 7.362 min
Delta R.T.: 0.008 min
Response: 52849097
Conc: 524.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



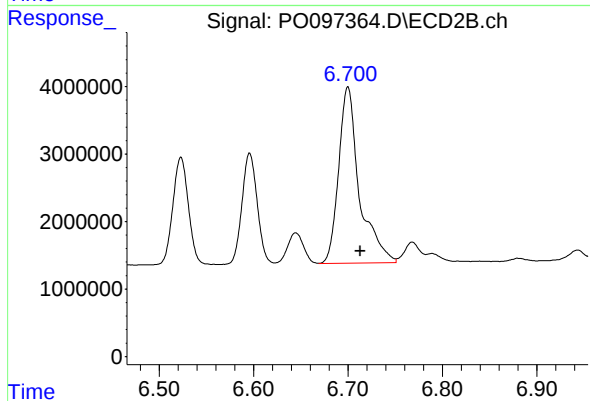
#29 AR-1254-4

R.T.: 6.281 min
Delta R.T.: -0.013 min
Response: 28282466
Conc: 488.68 ng/ml



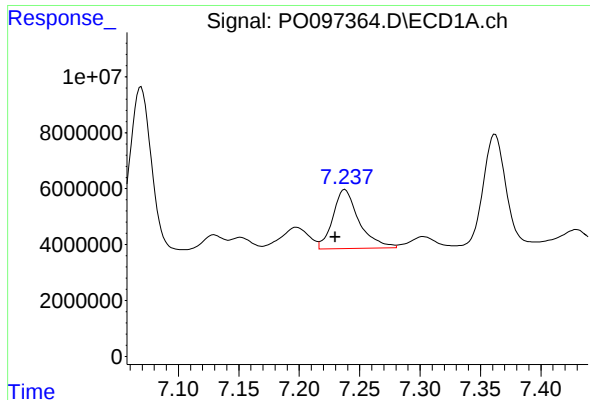
#30 AR-1254-5

R.T.: 7.792 min
Delta R.T.: 0.007 min
Response: 55922838
Conc: 498.36 ng/ml



#30 AR-1254-5

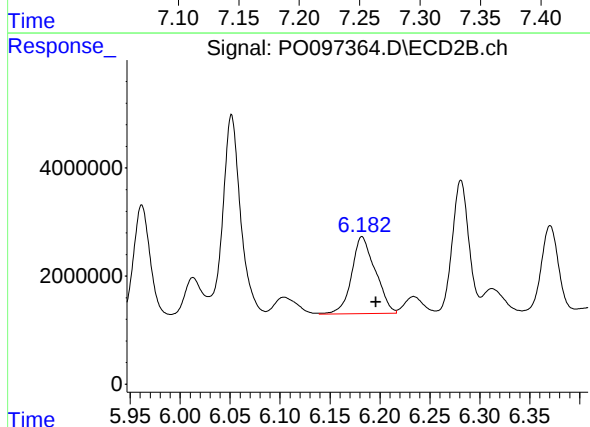
R.T.: 6.700 min
Delta R.T.: -0.013 min
Response: 39859556
Conc: 453.39 ng/ml



#31 AR-1260-1

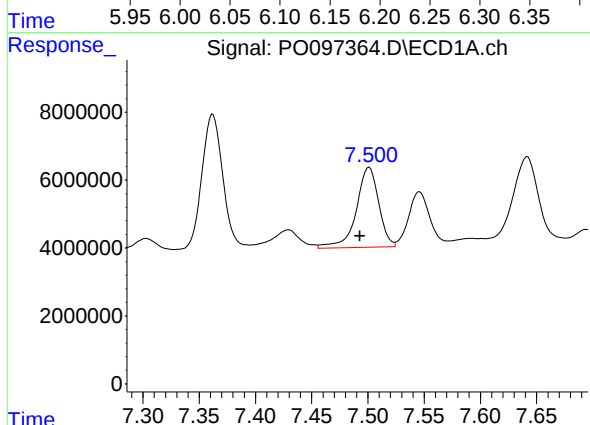
R.T.: 7.238 min
Delta R.T.: 0.008 min
Response: 31902011
Conc: 253.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



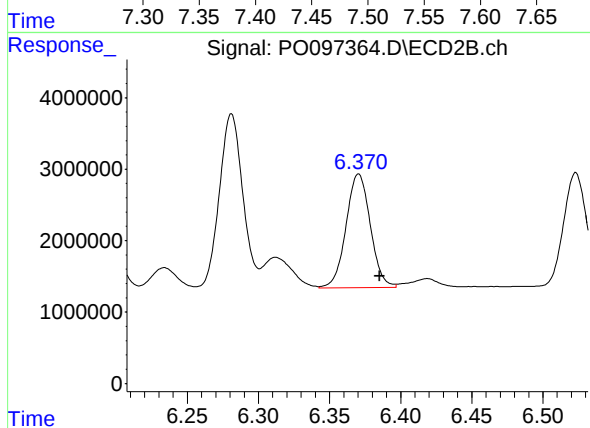
#31 AR-1260-1

R.T.: 6.182 min
Delta R.T.: -0.014 min
Response: 23590551
Conc: 335.25 ng/ml



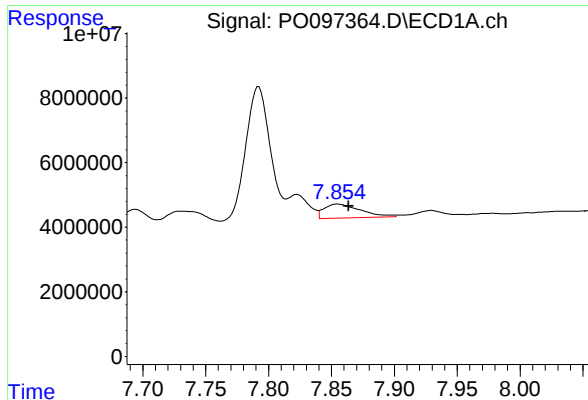
#32 AR-1260-2

R.T.: 7.501 min
Delta R.T.: 0.008 min
Response: 32751860
Conc: 243.08 ng/ml



#32 AR-1260-2

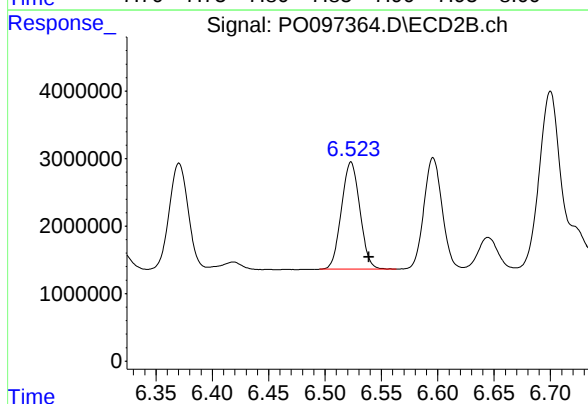
R.T.: 6.370 min
Delta R.T.: -0.015 min
Response: 18971843
Conc: 227.31 ng/ml



#33 AR-1260-3

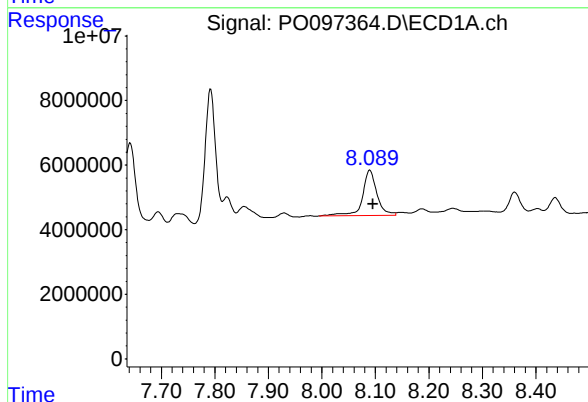
R.T.: 7.855 min
Delta R.T.: -0.009 min
Response: 8728764
Conc: 84.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



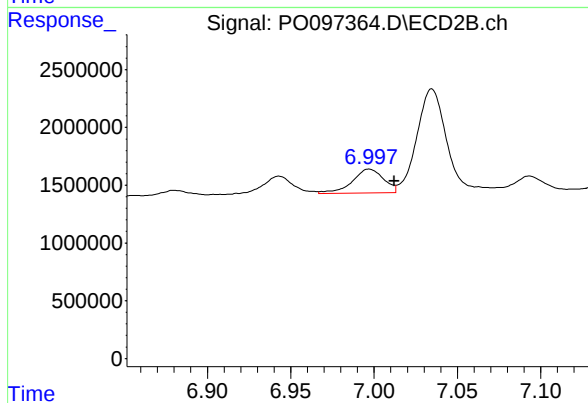
#33 AR-1260-3

R.T.: 6.523 min
Delta R.T.: -0.016 min
Response: 18096412
Conc: 234.35 ng/ml



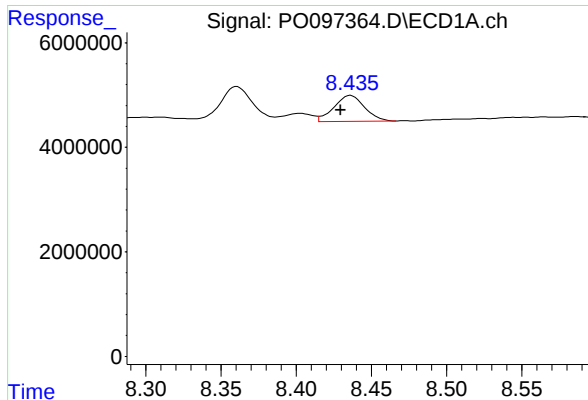
#34 AR-1260-4

R.T.: 8.090 min
Delta R.T.: -0.006 min
Response: 26252577
Conc: 234.81 ng/ml



#34 AR-1260-4

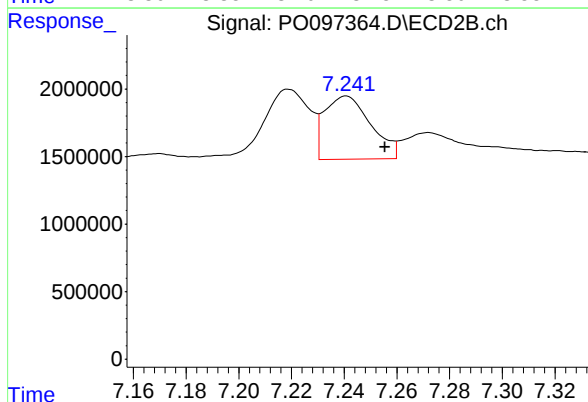
R.T.: 6.997 min
Delta R.T.: -0.015 min
Response: 2676038
Conc: 41.76 ng/ml



#35 AR-1260-5

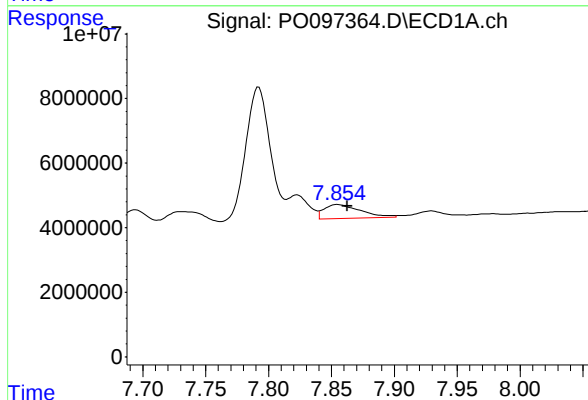
R.T.: 8.436 min
Delta R.T.: 0.007 min
Response: 7027718
Conc: 33.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



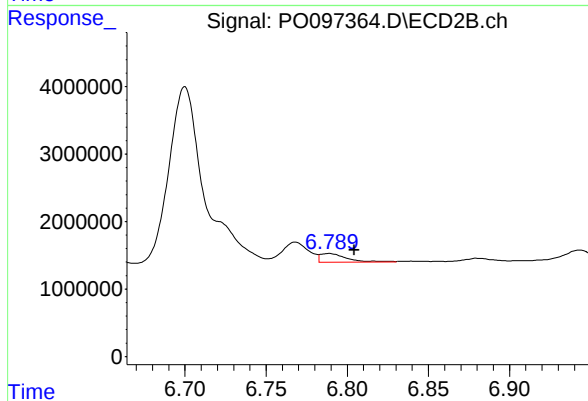
#35 AR-1260-5

R.T.: 7.241 min
Delta R.T.: -0.015 min
Response: 5697330
Conc: 41.10 ng/ml



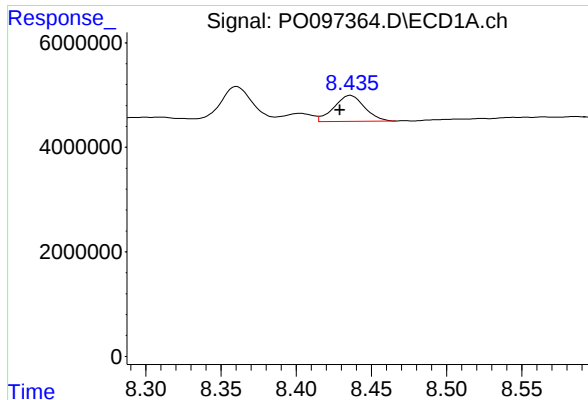
#36 AR-1262-1

R.T.: 7.855 min
Delta R.T.: -0.008 min
Response: 8728764
Conc: 58.77 ng/ml



#36 AR-1262-1

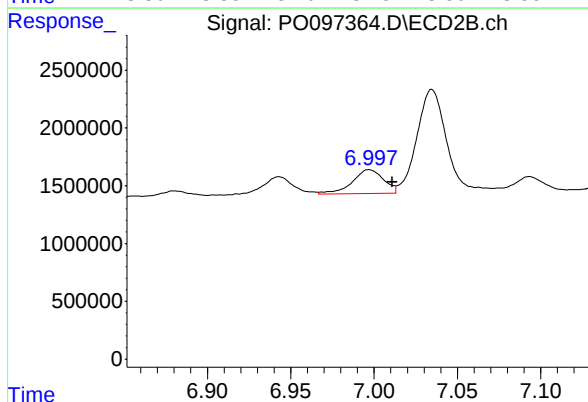
R.T.: 6.789 min
Delta R.T.: -0.015 min
Response: 1437676
Conc: 36.52 ng/ml



#37 AR-1262-2

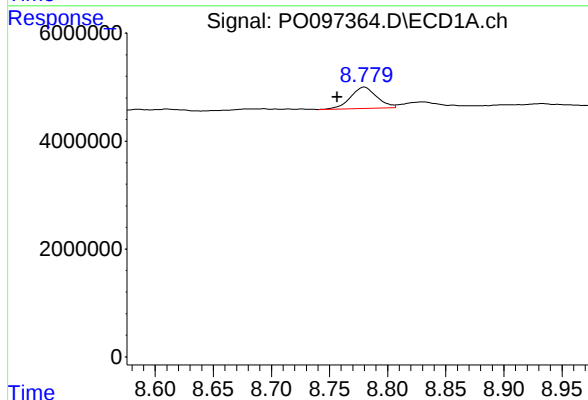
R.T.: 8.436 min
Delta R.T.: 0.007 min
Response: 7027718
Conc: 30.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



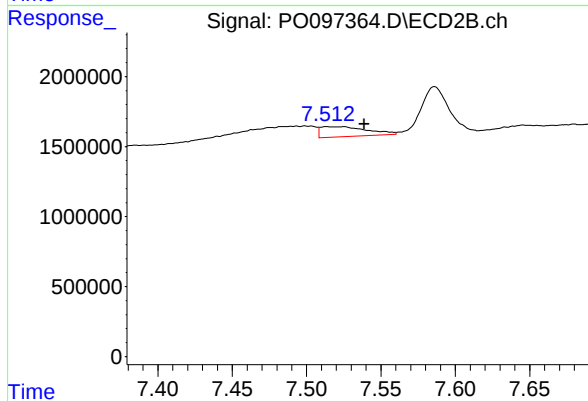
#37 AR-1262-2

R.T.: 6.997 min
Delta R.T.: -0.014 min
Response: 2676038
Conc: 32.99 ng/ml



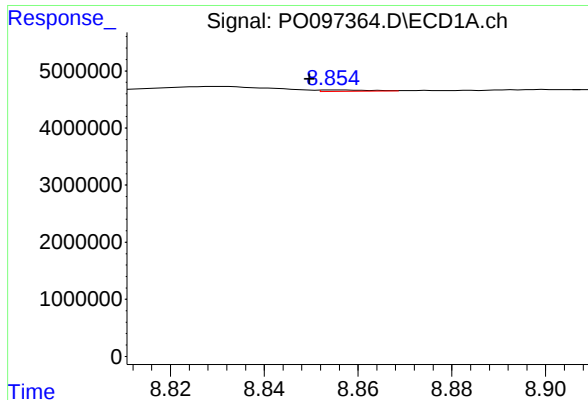
#38 AR-1262-3

R.T.: 8.780 min
Delta R.T.: 0.023 min
Response: 6263632
Conc: 37.55 ng/ml



#38 AR-1262-3

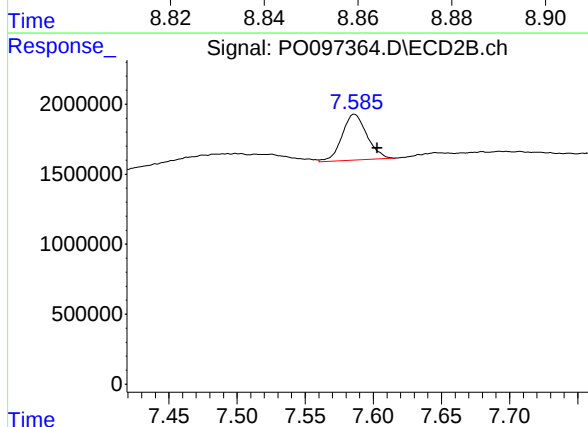
R.T.: 7.514 min
Delta R.T.: -0.025 min
Response: 1546647
Conc: 24.10 ng/ml



#39 AR-1262-4

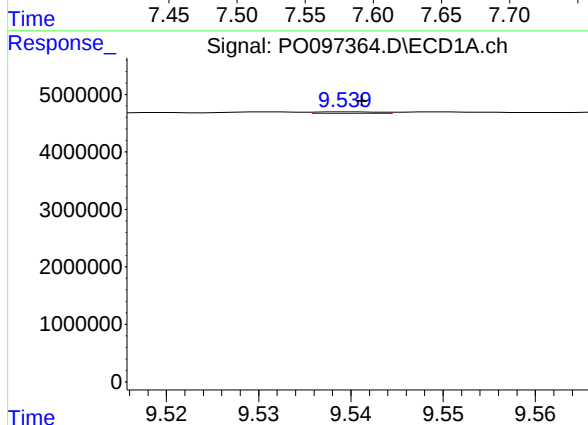
R.T.: 8.856 min
Delta R.T.: 0.006 min
Response: 163472
Conc: 2.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



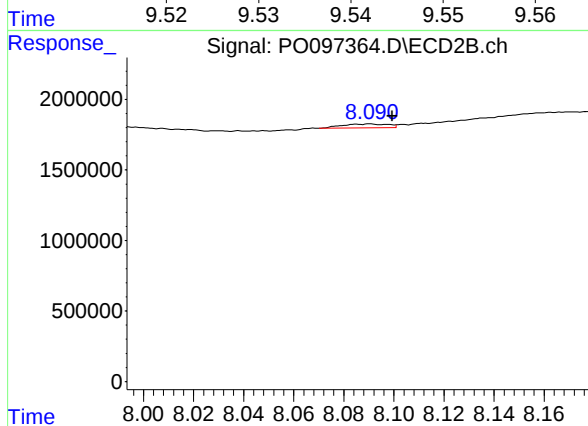
#39 AR-1262-4

R.T.: 7.586 min
Delta R.T.: -0.017 min
Response: 4177297
Conc: 36.77 ng/ml



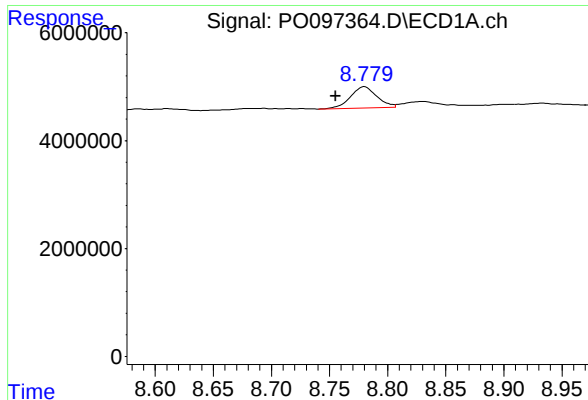
#40 AR-1262-5

R.T.: 9.540 min
Delta R.T.: -0.001 min
Response: 126024
Conc: 1.51 ng/ml



#40 AR-1262-5

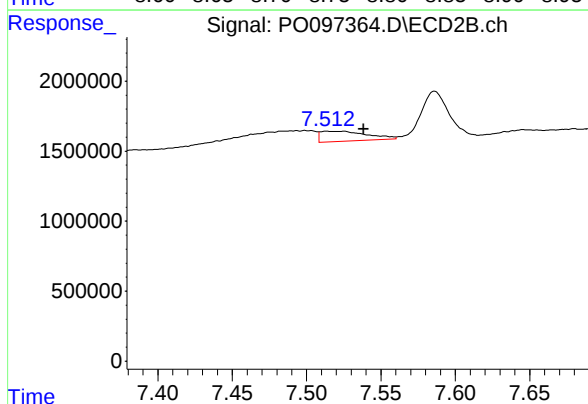
R.T.: 8.091 min
Delta R.T.: -0.009 min
Response: 353259
Conc: 6.73 ng/ml



#41 AR-1268-1

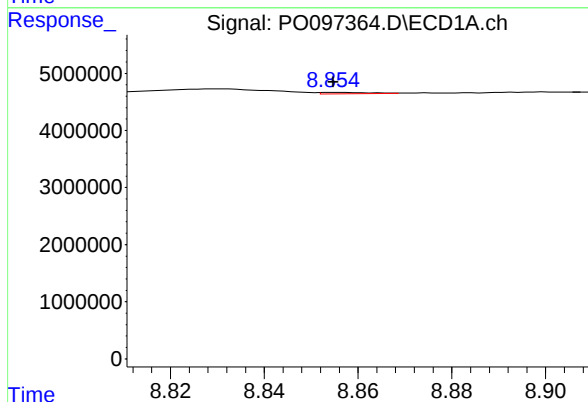
R.T.: 8.780 min
Delta R.T.: 0.025 min
Response: 6263632
Conc: 20.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



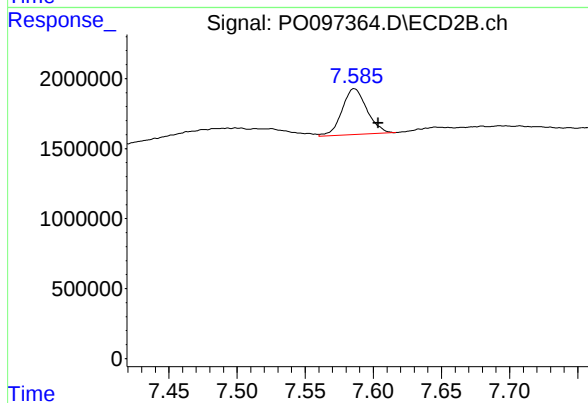
#41 AR-1268-1

R.T.: 7.514 min
Delta R.T.: -0.025 min
Response: 1546647
Conc: 8.35 ng/ml



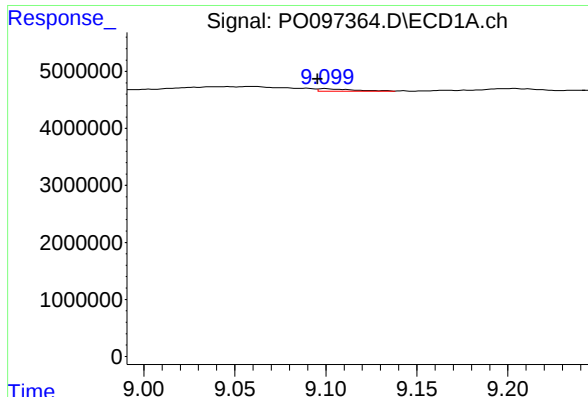
#42 AR-1268-2

R.T.: 8.856 min
Delta R.T.: 0.001 min
Response: 163472
Conc: 0.60 ng/ml



#42 AR-1268-2

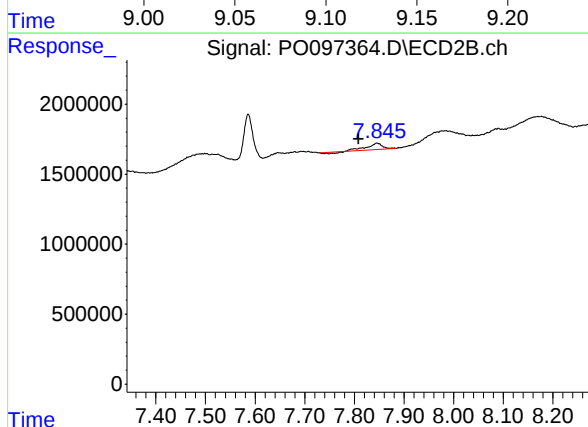
R.T.: 7.586 min
Delta R.T.: -0.018 min
Response: 4177297
Conc: 24.91 ng/ml



#43 AR-1268-3

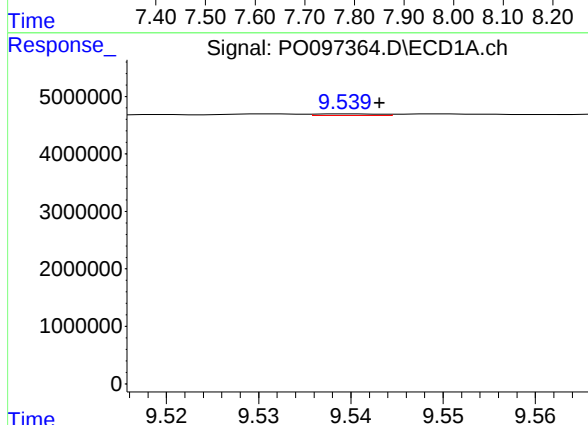
R.T.: 9.100 min
Delta R.T.: 0.004 min
Response: 563149
Conc: 2.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



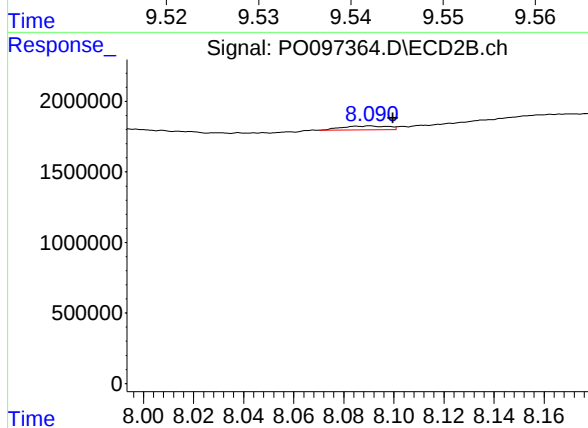
#43 AR-1268-3

R.T.: 7.845 min
Delta R.T.: 0.036 min
Response: 884032
Conc: 6.12 ng/ml



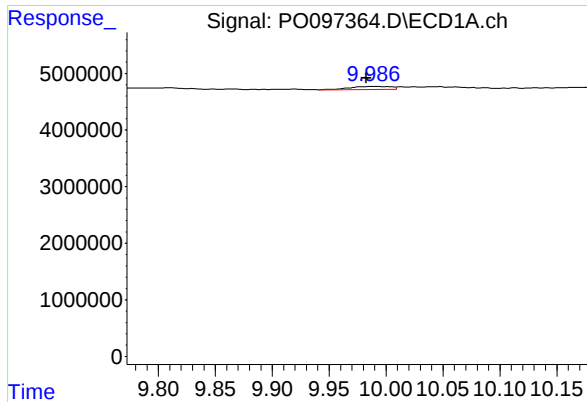
#44 AR-1268-4

R.T.: 9.540 min
Delta R.T.: -0.003 min
Response: 126024
Conc: 1.36 ng/ml



#44 AR-1268-4

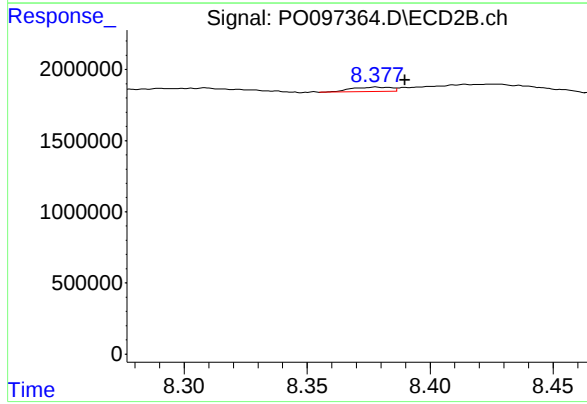
R.T.: 8.091 min
Delta R.T.: -0.009 min
Response: 353259
Conc: 5.93 ng/ml



#45 AR-1268-5

R.T.: 9.987 min
Delta R.T.: 0.005 min
Response: 1357032
Conc: 1.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.378 min
Delta R.T.: -0.012 min
Response: 354566
Conc: 0.85 ng/ml