

Data Path : P:\HPCHEM1\ECD_0\Data\P0053118\
 Data File : P0045279.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 31 May 2018 12:00
 Operator : SM/UA
 Sample : PB109522BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB109522BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 31 14:19:59 2018
 Quant Method : P:\HPCHEM1\ECD_0\methods\P0053018.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 31 04:53:22 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.003	3.273	4666378	6083284	22.341	21.938
2) SA Decachlor...	9.289	7.997	4157866	4756225	18.104	16.876
Target Compounds						
3) L1 AR-1016-1	4.862	4.078	325053	436638	61.551	63.182
4) L1 AR-1016-2	5.200	4.509	428220	248664	64.173	42.170 #
5) L1 AR-1016-3	0.000	4.547	0	228039	N.D.	32.550 #
6) L1 AR-1016-4	0.000	4.710	0	362356	N.D.	48.673 #
7) L1 AR-1016-5	5.938	5.041	347802	359765	69.215	47.983 #
9) L2 AR-1221-2	0.000	3.624	0	285537	N.D.	76.176 #
10) L2 AR-1221-3	0.000	3.624	0	285537	N.D.	23.100 #
11) L3 AR-1232-1	0.000	3.624	0	285537	N.D.	49.173 #
12) L3 AR-1232-2	5.119	4.302	406749	1563220	123.532	123.757
13) L3 AR-1232-3	5.139	4.358	790164	607712	138.488	116.573
14) L3 AR-1232-4	5.200	4.469	428220	339619	125.127	89.097 #
15) L3 AR-1232-5	0.000	4.547	0	228039	N.D.	67.419 #
16) L4 AR-1242-1	4.678	4.078	194578	436638	48.755	78.011 #
17) L4 AR-1242-2	5.139	4.302	790164	1563220	86.978	76.398
18) L4 AR-1242-3	0.000	4.469	0	339619	N.D.	55.258 #
19) L4 AR-1242-4	5.575	4.547	242361	228039	55.842	38.120 #
20) L4 AR-1242-5	0.000	4.710	0	362356	N.D.	55.534 #
21) L5 AR-1248-1	5.575	4.710	242361	362356	34.172	34.140
22) L5 AR-1248-2	0.000	4.847	0	372607	N.D.	36.211 #
23) L5 AR-1248-3	5.938	5.041	347802	359765	40.115	22.373 #
24) L5 AR-1248-4	5.938	5.041	347802	359765	39.288	26.851 #
25) L5 AR-1248-5	0.000	5.577	0	487161	N.D.	67.711 #
26) L6 AR-1254-1	0.000	5.041	0	359765	N.D.	19.414 #
27) L6 AR-1254-2	0.000	5.185	0	337341	N.D.	20.924 #
28) L6 AR-1254-3	6.559	5.577	359264	487161	22.801	18.905
29) L6 AR-1254-4	0.000	5.817	0	270868	N.D.	13.602 #
30) L6 AR-1254-5	7.038	6.136	412260	286733	43.106	23.939 #
31) L7 AR-1260-1	6.661	5.690	660639	985176	57.034	60.189
32) L7 AR-1260-2	6.912	5.878	858902	1342928	56.445	63.563
33) L7 AR-1260-3	7.262	6.221	536583	1000262	42.265	52.847 #
34) L7 AR-1260-4	7.783	6.717	1293848	1982236	45.544	50.347
35) L7 AR-1260-5	8.067	7.048	753924	1316610	45.066	47.835
36) L8 AR-1262-1	6.661	5.878	660639	1342928	60.682	70.944
37) L8 AR-1262-2	6.912	6.018	858902	1082756	62.442	59.002
38) L8 AR-1262-3	7.188	6.221	819821	1000262	64.335	32.621 #
39) L8 AR-1262-4	7.483	6.472	628630	698094	36.598	27.704

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Integration File signal 1: autoint1.e
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 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
40) L8	AR-1262-5	7.783	6.717	1293848	1982236	35.012	36.377
41) L9	AR-1268-1	8.067	6.982	753924	416930	19.794	7.556 #
42) L9	AR-1268-2	8.067	7.048	753924	1316610	22.128	25.784
44) L9	AR-1268-4	0.000	7.537	0	365559	N.D.	21.004 #

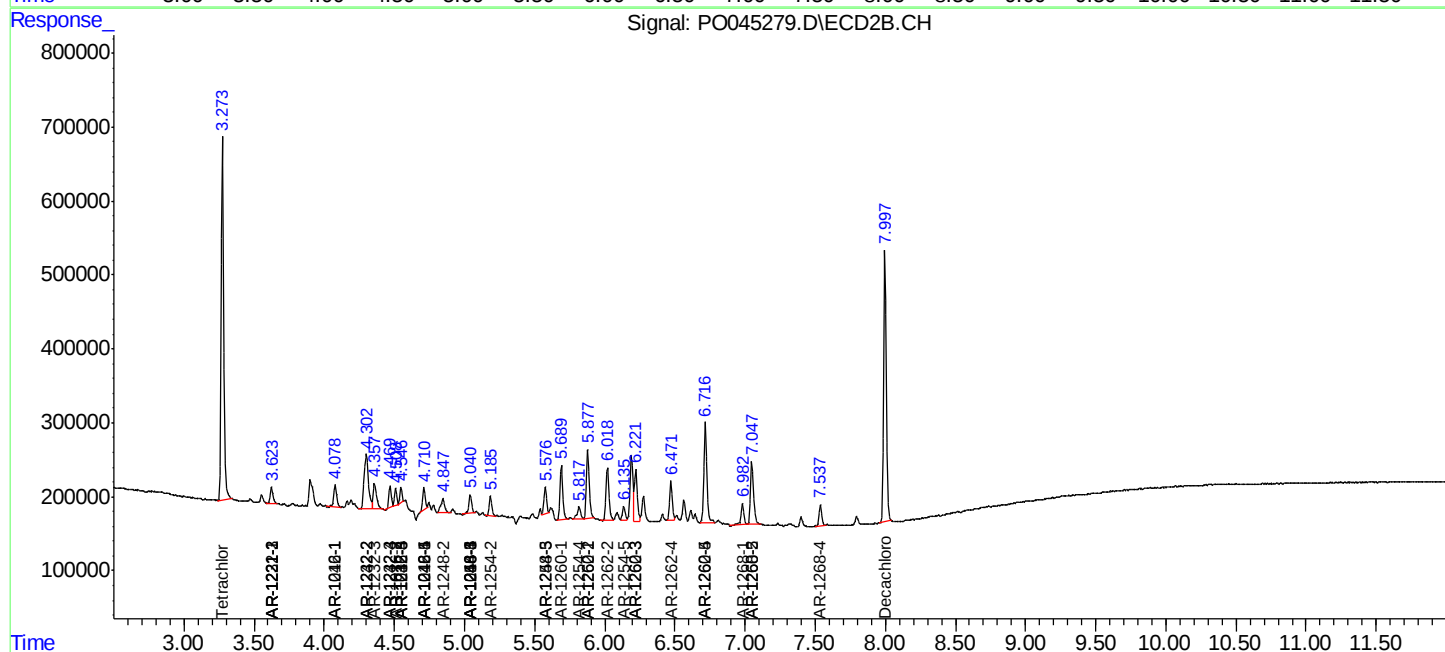
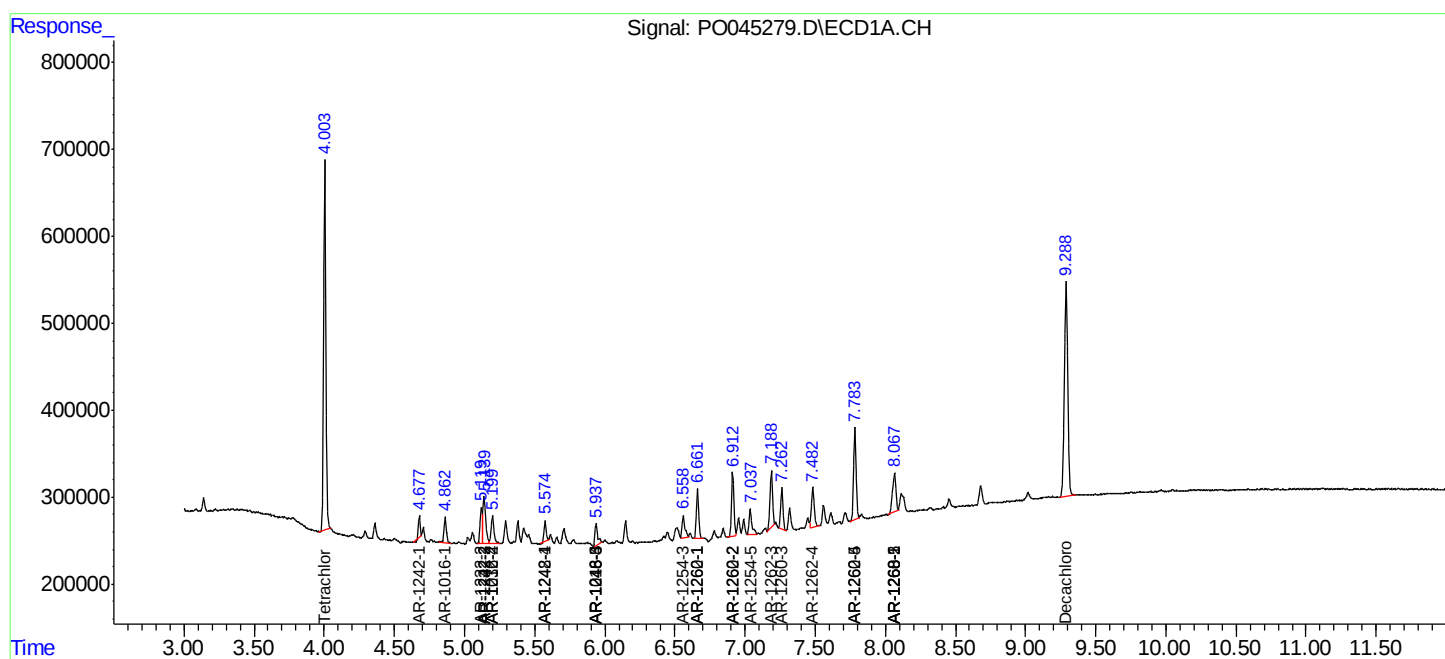
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

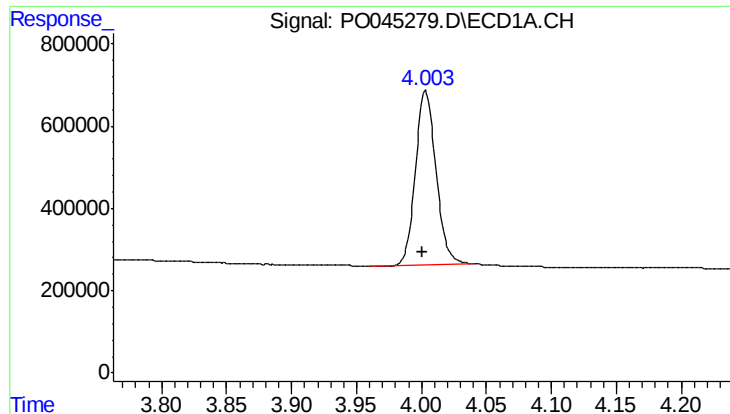
Data Path : P:\HPCHEM1\ECD_0\Data\PO053118\
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QLast Update : Thu May 31 04:53:22 2018
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

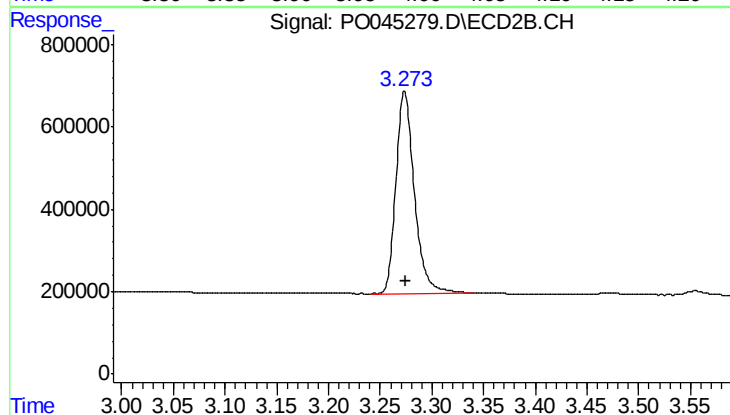




#1 Tetrachloro-m-xylene

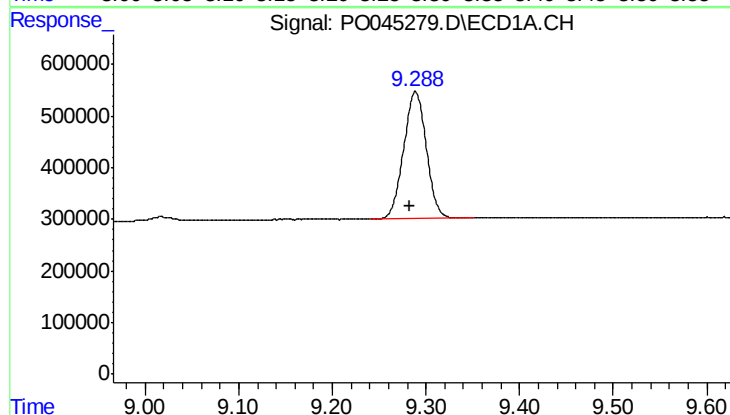
R.T.: 4.003 min
Delta R.T.: 0.003 min
Response: 4666378
Conc: 22.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109522BS



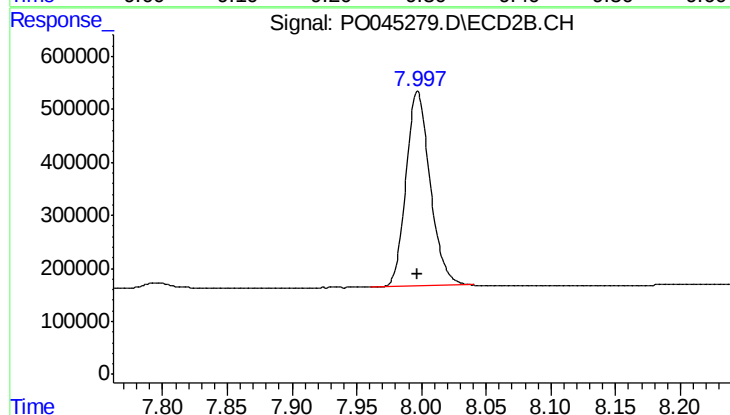
#1 Tetrachloro-m-xylene

R.T.: 3.273 min
Delta R.T.: -0.002 min
Response: 6083284
Conc: 21.94 ng/ml



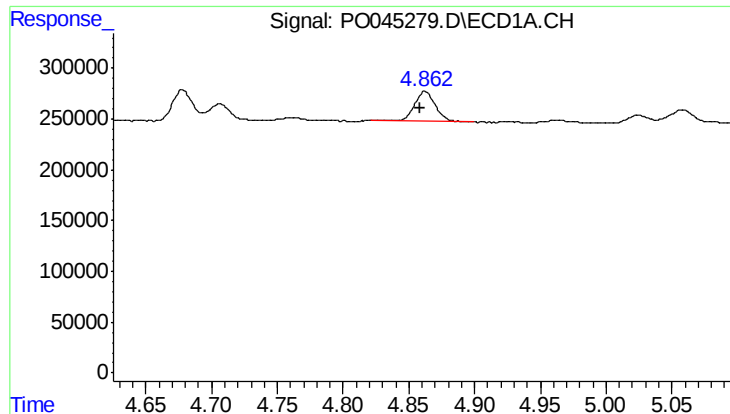
#2 Decachlorobiphenyl

R.T.: 9.289 min
Delta R.T.: 0.005 min
Response: 4157866
Conc: 18.10 ng/ml



#2 Decachlorobiphenyl

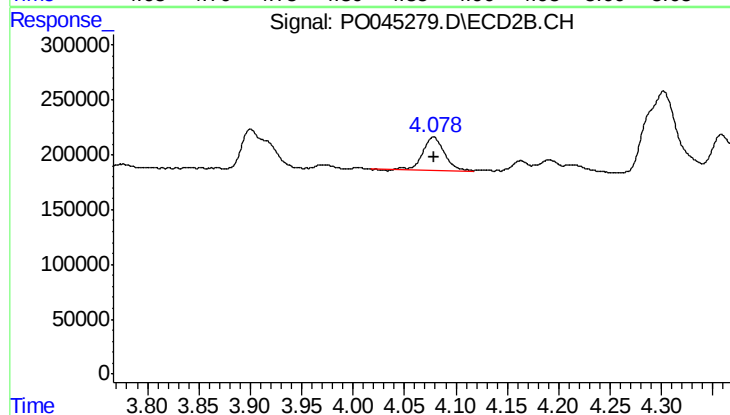
R.T.: 7.997 min
Delta R.T.: 0.000 min
Response: 4756225
Conc: 16.88 ng/ml



#3 AR-1016-1

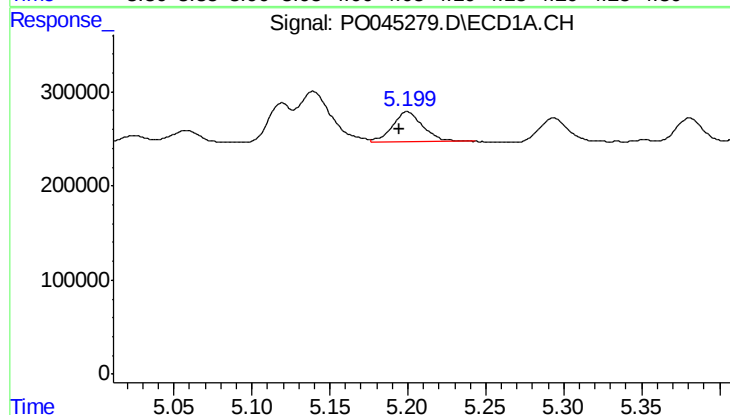
R.T.: 4.862 min
Delta R.T.: 0.004 min
Response: 325053
Conc: 61.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109522BS



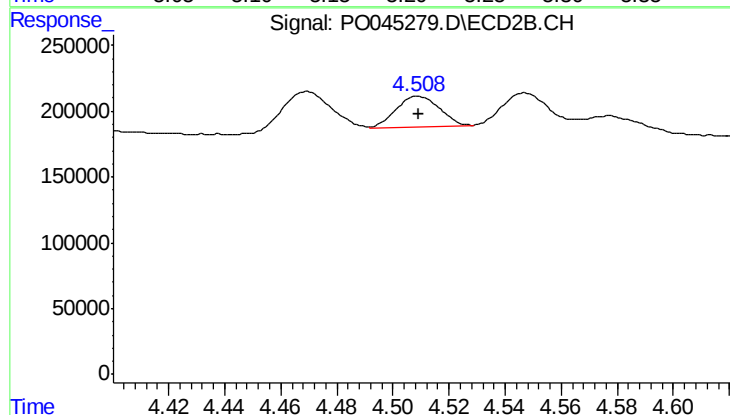
#3 AR-1016-1

R.T.: 4.078 min
Delta R.T.: -0.001 min
Response: 436638
Conc: 63.18 ng/ml



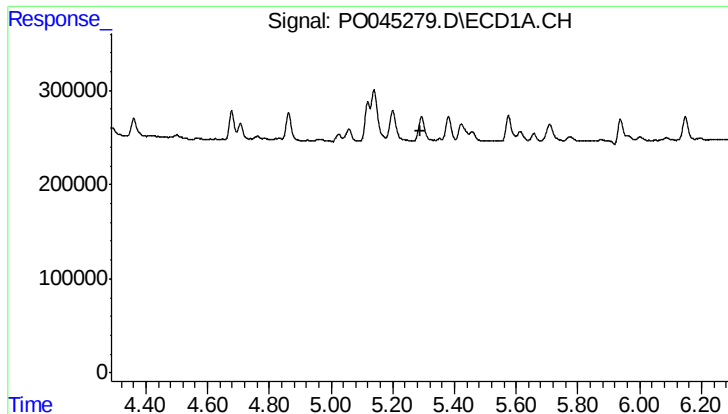
#4 AR-1016-2

R.T.: 5.200 min
Delta R.T.: 0.005 min
Response: 428220
Conc: 64.17 ng/ml



#4 AR-1016-2

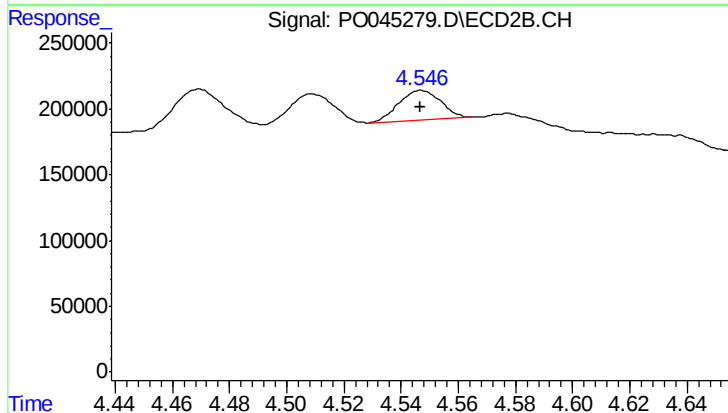
R.T.: 4.509 min
Delta R.T.: 0.000 min
Response: 248664
Conc: 42.17 ng/ml



#5 AR-1016-3

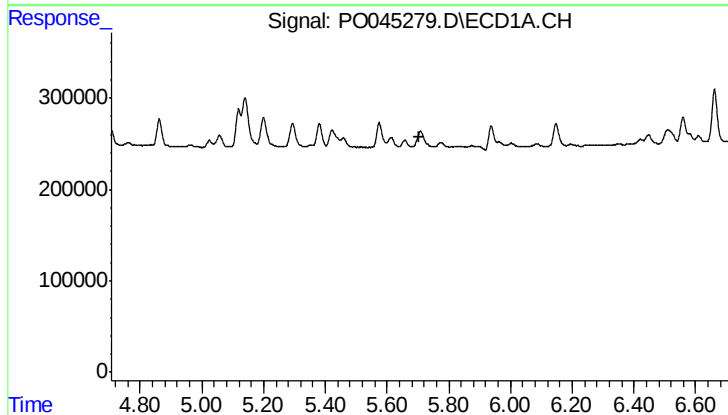
R.T.: 0.000 min
Exp R.T.: 5.288 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PB109522BS



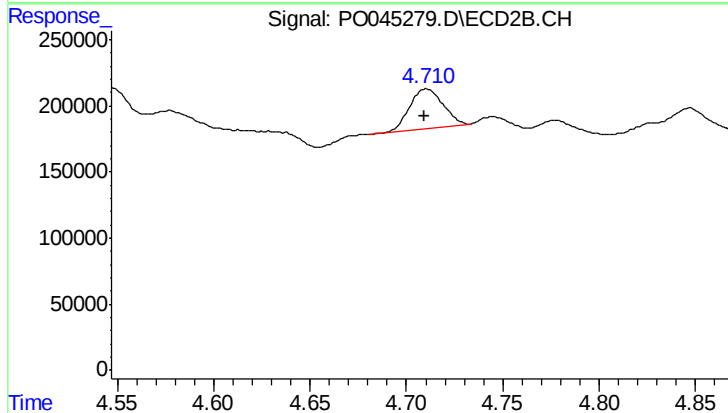
#5 AR-1016-3

R.T.: 4.547 min
Delta R.T.: 0.000 min
Response: 228039
Conc: 32.55 ng/ml



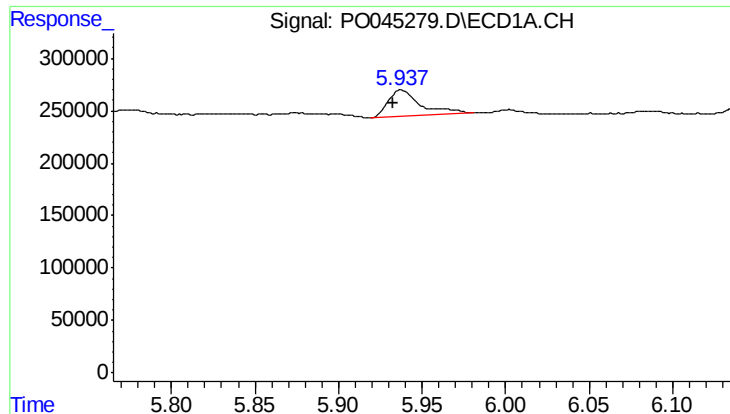
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.706 min
Response: 0
Conc: N.D.



#6 AR-1016-4

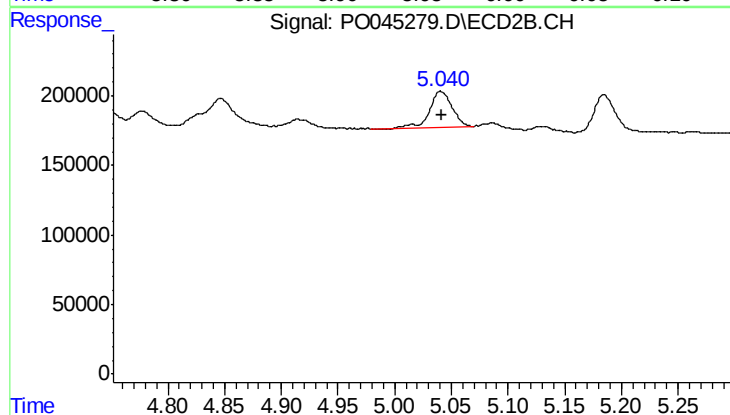
R.T.: 4.710 min
Delta R.T.: 0.000 min
Response: 362356
Conc: 48.67 ng/ml



#7 AR-1016-5

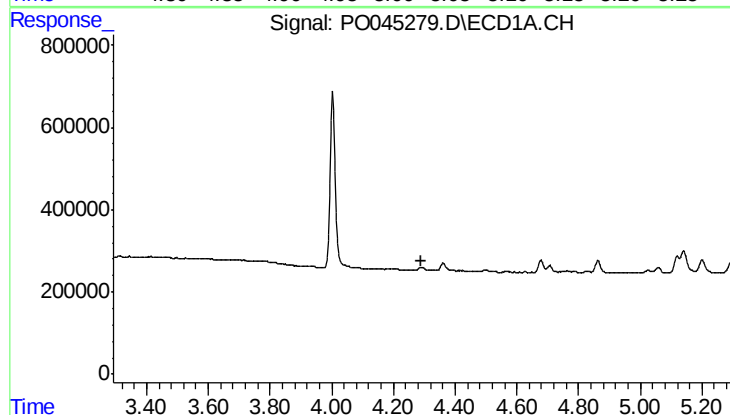
R.T.: 5.938 min
Delta R.T.: 0.005 min
Response: 347802
Conc: 69.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109522BS



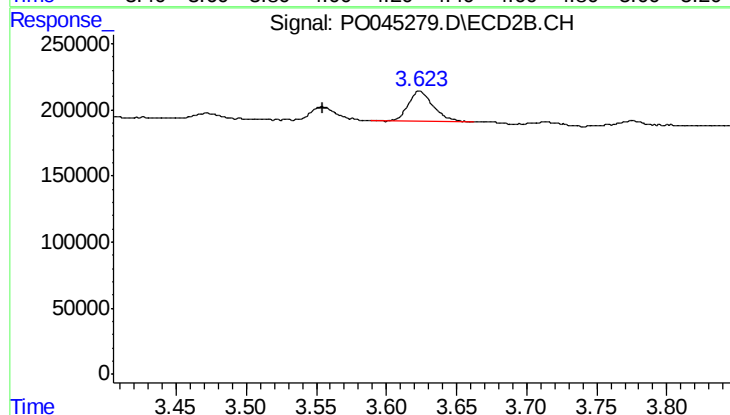
#7 AR-1016-5

R.T.: 5.041 min
Delta R.T.: 0.000 min
Response: 359765
Conc: 47.98 ng/ml



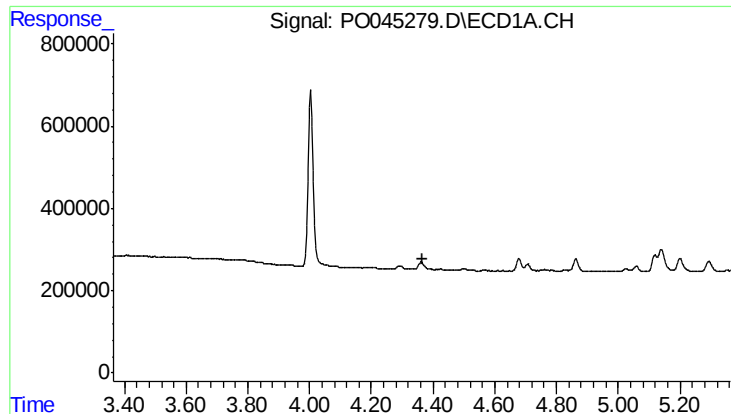
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T.: 4.292 min
Response: 0
Conc: N.D.



#9 AR-1221-2

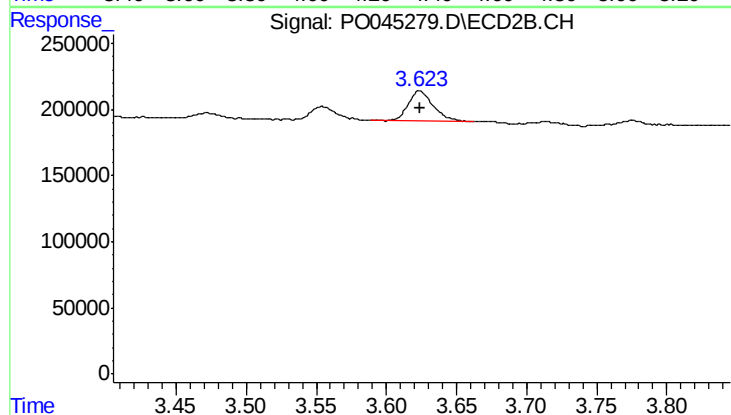
R.T.: 3.624 min
Delta R.T.: 0.069 min
Response: 285537
Conc: 76.18 ng/ml



#10 AR-1221-3

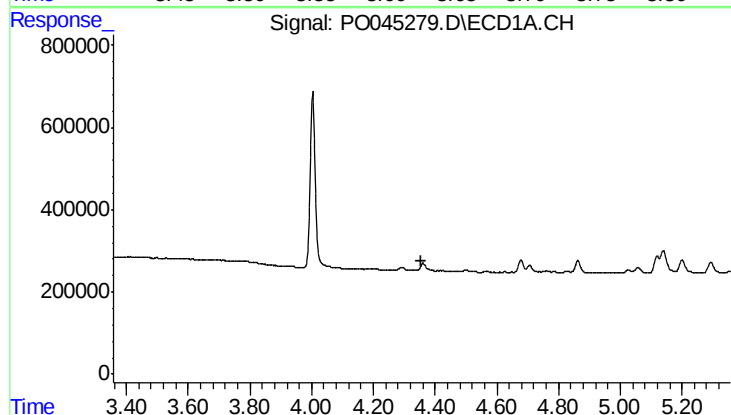
R.T.: 0.000 min
Exp R.T.: 4.364 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PB109522BS



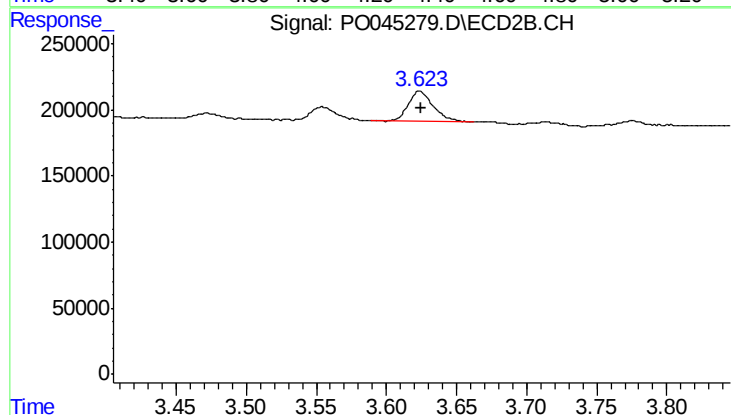
#10 AR-1221-3

R.T.: 3.624 min
Delta R.T.: 0.000 min
Response: 285537
Conc: 23.10 ng/ml



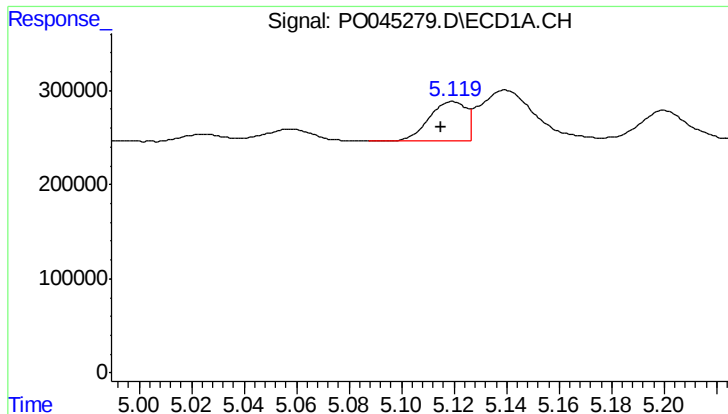
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 4.357 min
Response: 0
Conc: N.D.



#11 AR-1232-1

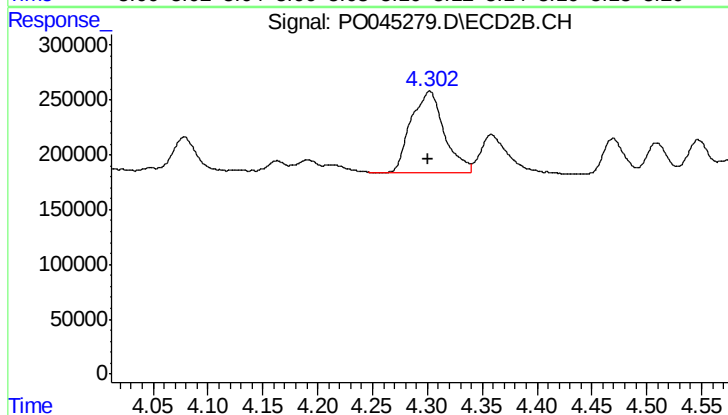
R.T.: 3.624 min
Delta R.T.: 0.000 min
Response: 285537
Conc: 49.17 ng/ml



#12 AR-1232-2

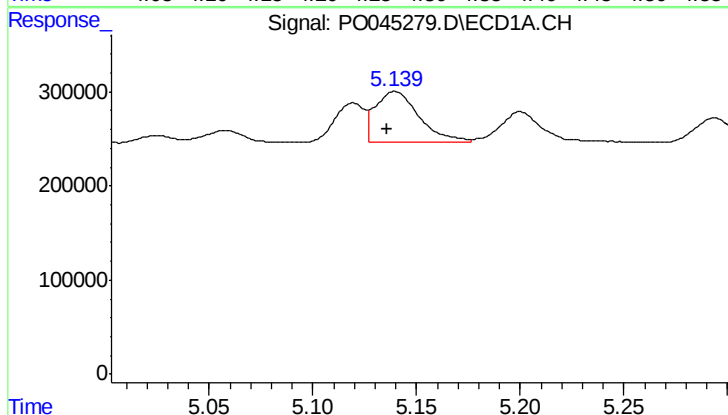
R.T.: 5.119 min
Delta R.T.: 0.005 min
Response: 406749
Conc: 123.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109522BS



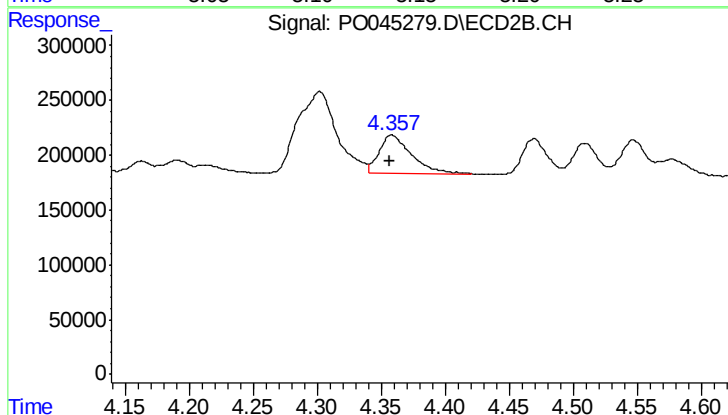
#12 AR-1232-2

R.T.: 4.302 min
Delta R.T.: 0.000 min
Response: 1563220
Conc: 123.76 ng/ml



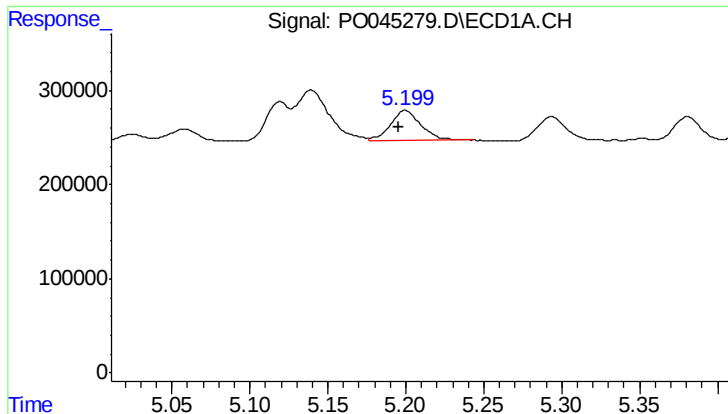
#13 AR-1232-3

R.T.: 5.139 min
Delta R.T.: 0.004 min
Response: 790164
Conc: 138.49 ng/ml



#13 AR-1232-3

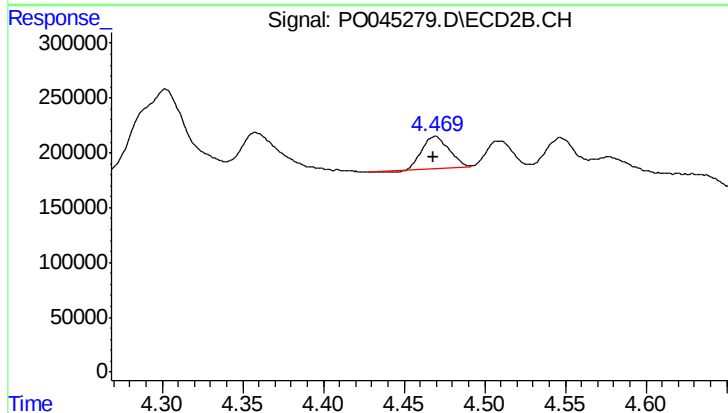
R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 607712
Conc: 116.57 ng/ml



#14 AR-1232-4

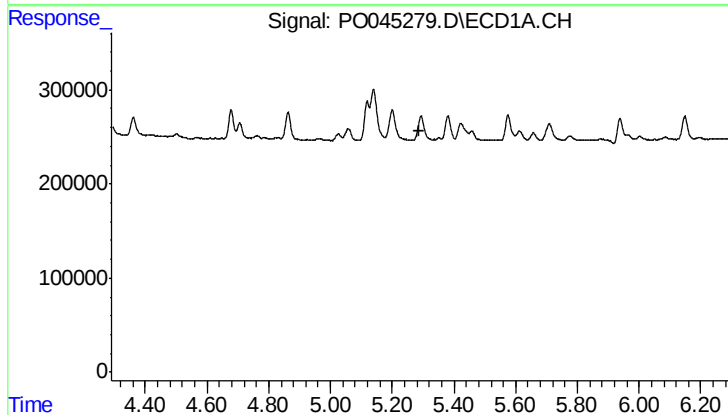
R.T.: 5.200 min
Delta R.T.: 0.004 min
Response: 428220
Conc: 125.13 ng/ml

Instrument :
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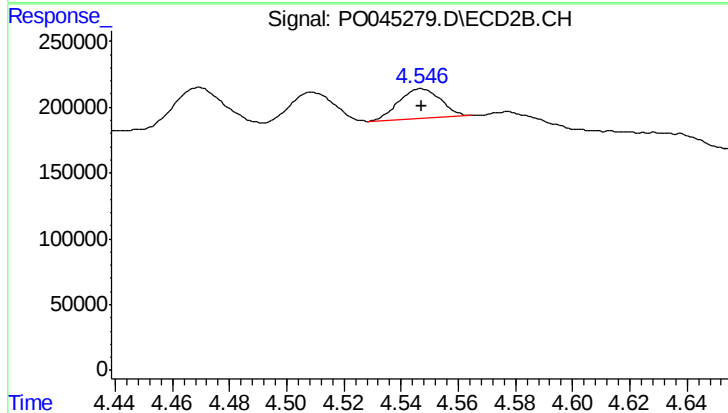
#14 AR-1232-4

R.T.: 4.469 min
Delta R.T.: 0.001 min
Response: 339619
Conc: 89.10 ng/ml



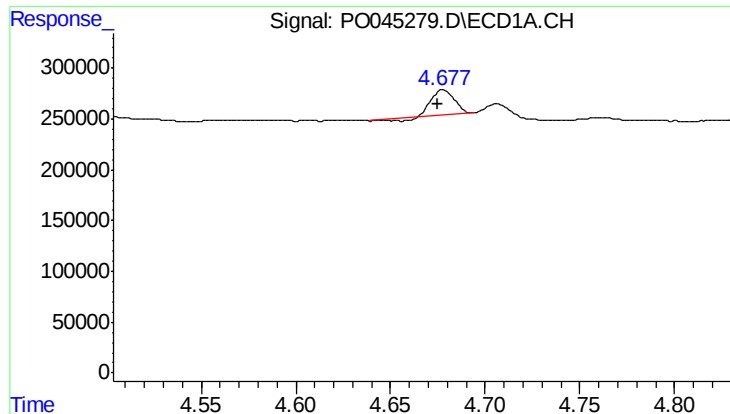
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 5.290 min
Response: 0
Conc: N.D.



#15 AR-1232-5

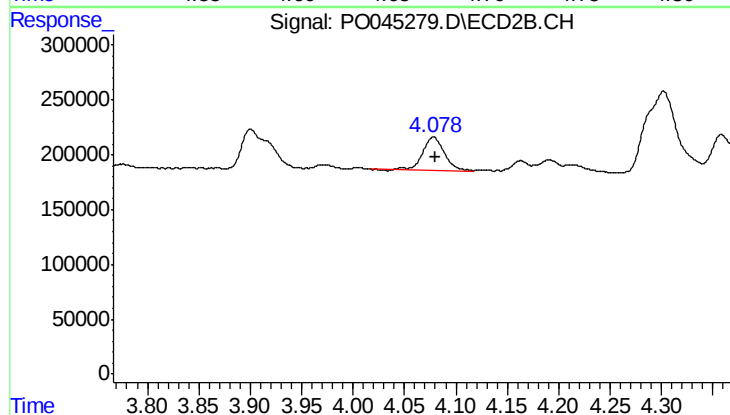
R.T.: 4.547 min
Delta R.T.: 0.000 min
Response: 228039
Conc: 67.42 ng/ml



#16 AR-1242-1

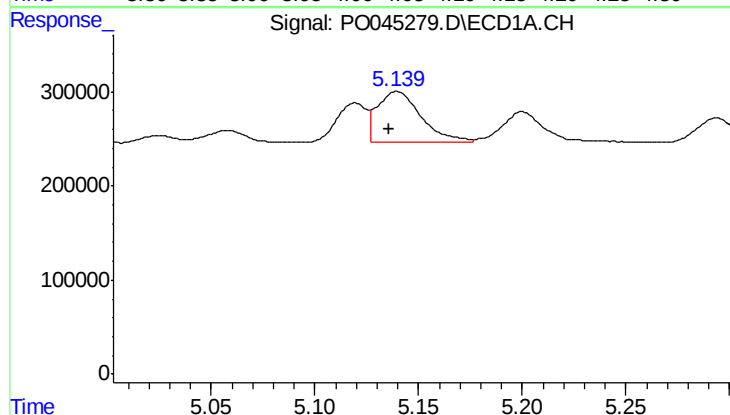
R.T.: 4.678 min
Delta R.T.: 0.003 min
Response: 194578
Conc: 48.75 ng/ml

Instrument :
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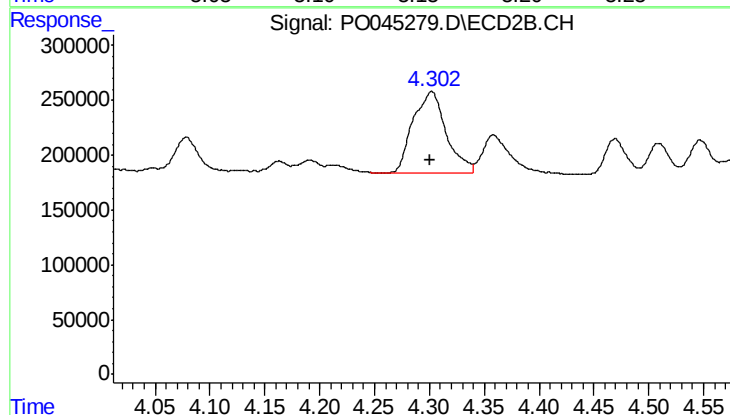
#16 AR-1242-1

R.T.: 4.078 min
Delta R.T.: -0.001 min
Response: 436638
Conc: 78.01 ng/ml



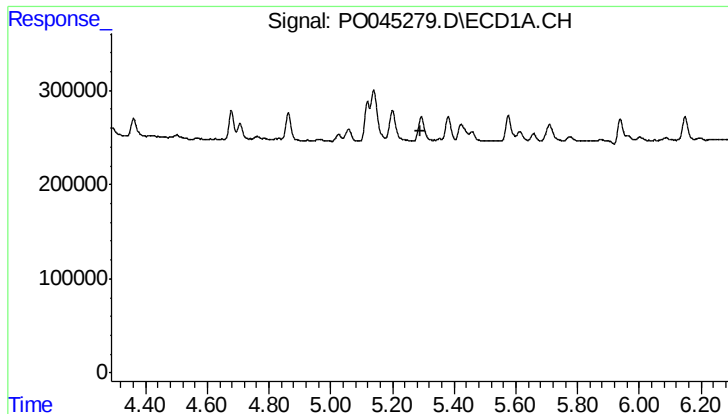
#17 AR-1242-2

R.T.: 5.139 min
Delta R.T.: 0.004 min
Response: 790164
Conc: 86.98 ng/ml



#17 AR-1242-2

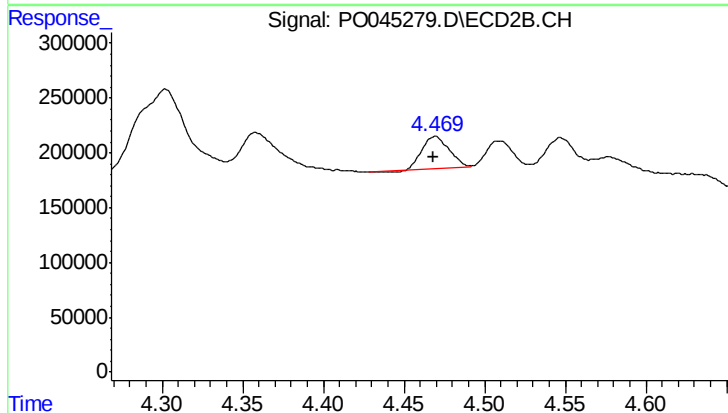
R.T.: 4.302 min
Delta R.T.: 0.001 min
Response: 1563220
Conc: 76.40 ng/ml



#18 AR-1242-3

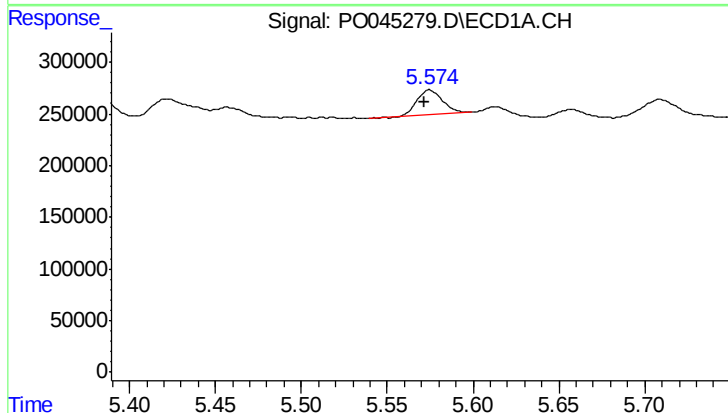
R.T.: 0.000 min
Exp R.T.: 5.289 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PB109522BS



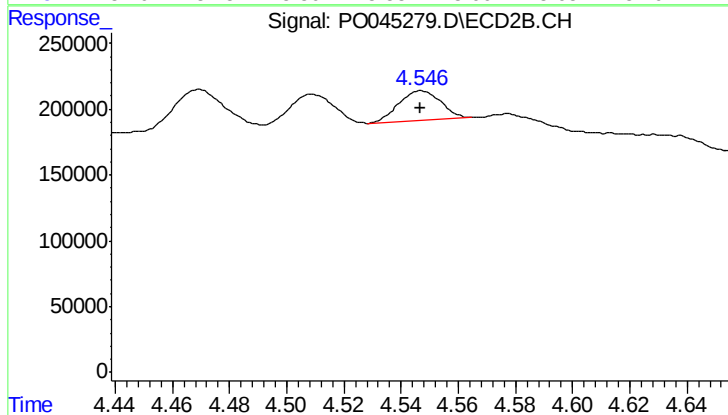
#18 AR-1242-3

R.T.: 4.469 min
Delta R.T.: 0.001 min
Response: 339619
Conc: 55.26 ng/ml



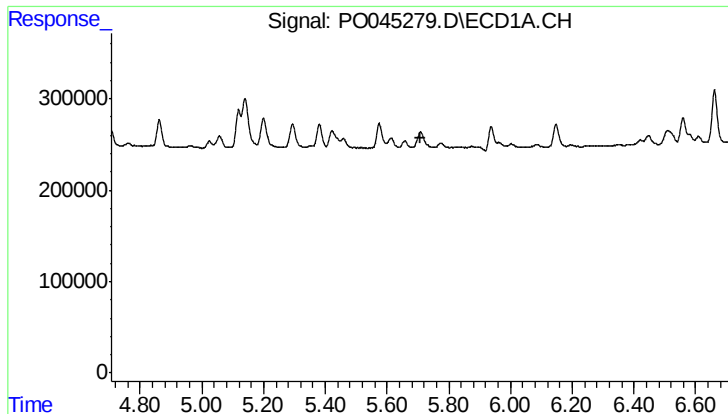
#19 AR-1242-4

R.T.: 5.575 min
Delta R.T.: 0.003 min
Response: 242361
Conc: 55.84 ng/ml



#19 AR-1242-4

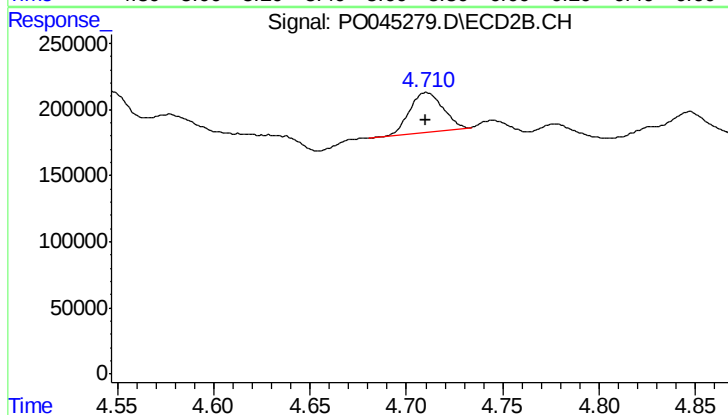
R.T.: 4.547 min
Delta R.T.: 0.000 min
Response: 228039
Conc: 38.12 ng/ml



#20 AR-1242-5

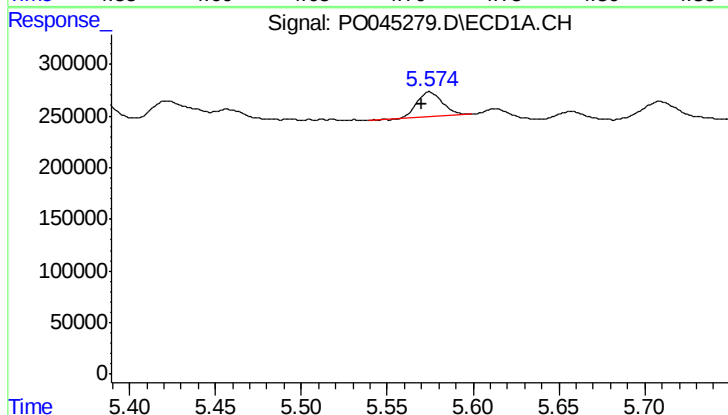
R.T.: 0.000 min
Exp R.T.: 5.707 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PB109522BS



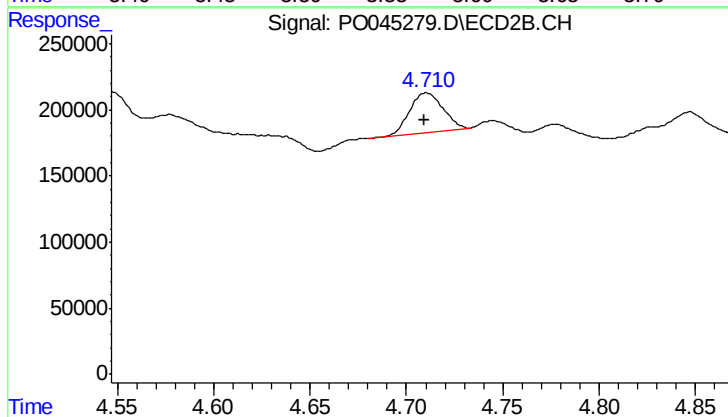
#20 AR-1242-5

R.T.: 4.710 min
Delta R.T.: 0.000 min
Response: 362356
Conc: 55.53 ng/ml



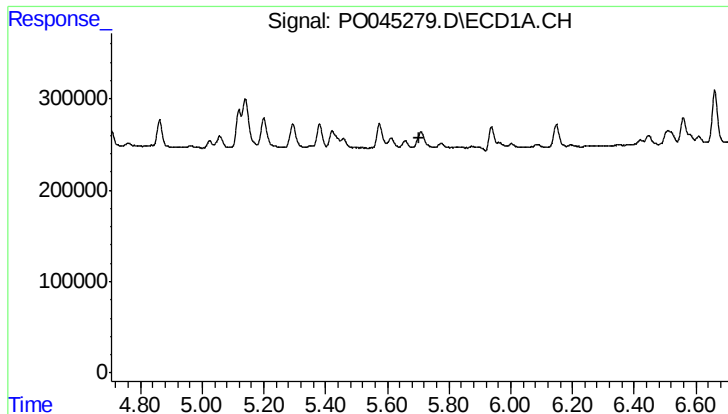
#21 AR-1248-1

R.T.: 5.575 min
Delta R.T.: 0.004 min
Response: 242361
Conc: 34.17 ng/ml



#21 AR-1248-1

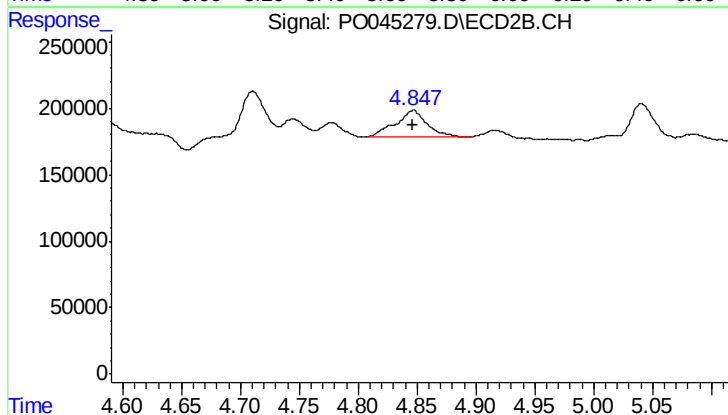
R.T.: 4.710 min
Delta R.T.: 0.001 min
Response: 362356
Conc: 34.14 ng/ml



#22 AR-1248-2

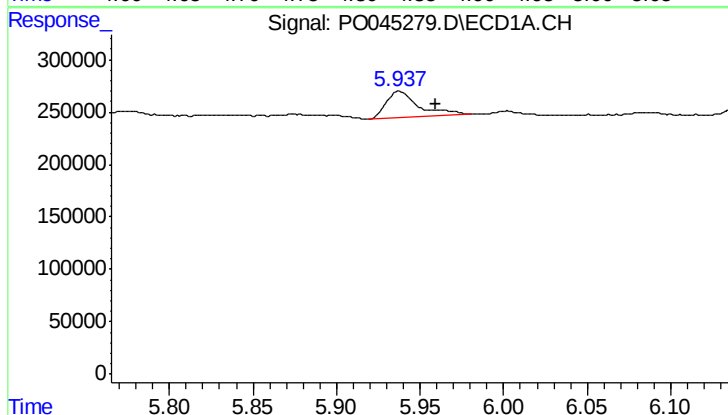
R.T.: 0.000 min
Exp R.T.: 5.705 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PB109522BS



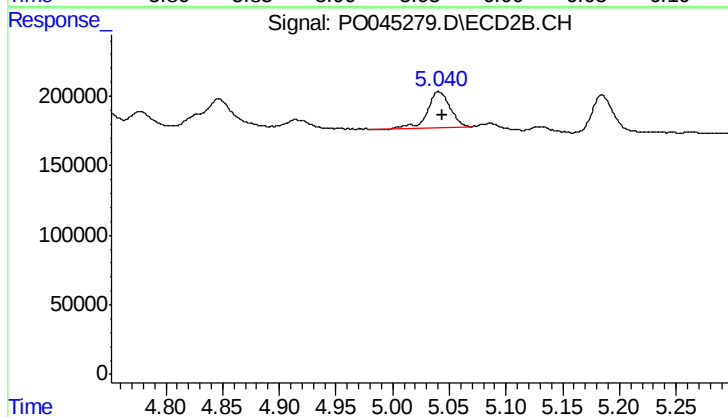
#22 AR-1248-2

R.T.: 4.847 min
Delta R.T.: 0.000 min
Response: 372607
Conc: 36.21 ng/ml



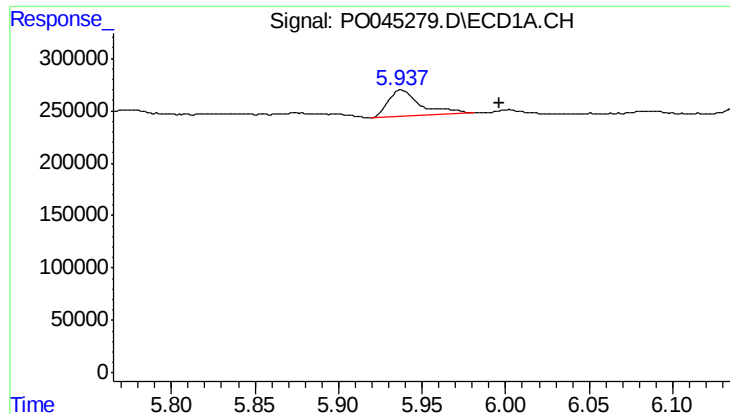
#23 AR-1248-3

R.T.: 5.938 min
Delta R.T.: -0.022 min
Response: 347802
Conc: 40.11 ng/ml



#23 AR-1248-3

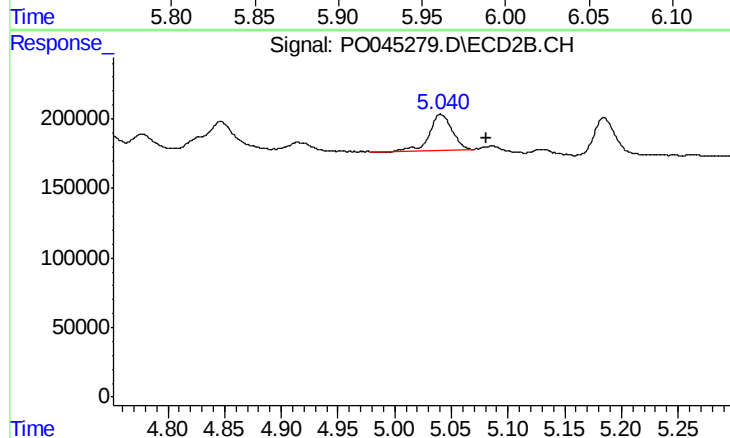
R.T.: 5.041 min
Delta R.T.: -0.003 min
Response: 359765
Conc: 22.37 ng/ml



#24 AR-1248-4

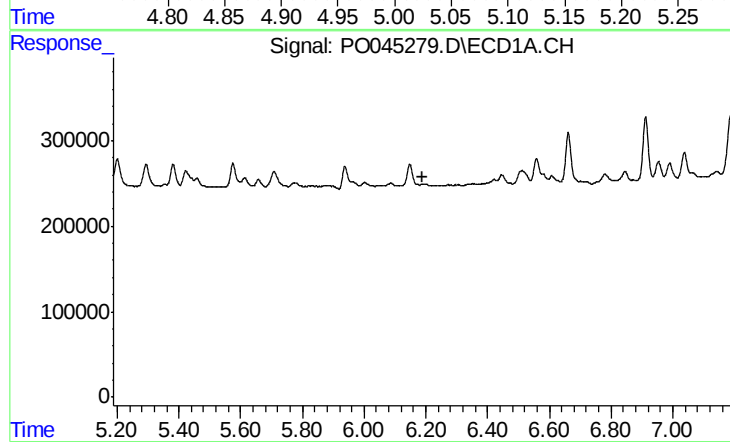
R.T.: 5.938 min
Delta R.T.: -0.059 min
Response: 347802
Conc: 39.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109522BS



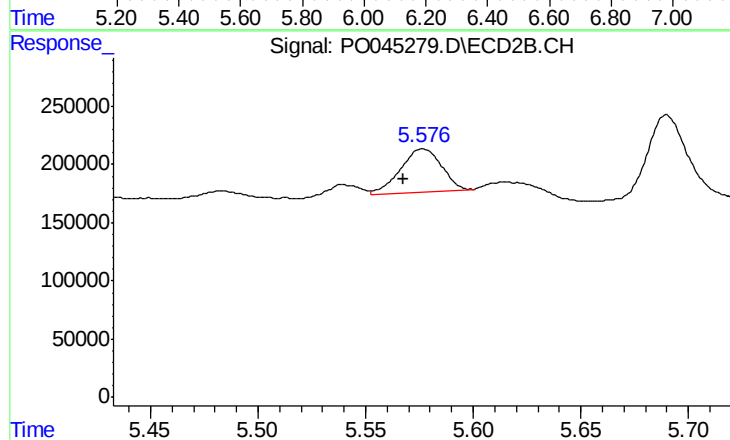
#24 AR-1248-4

R.T.: 5.041 min
Delta R.T.: -0.041 min
Response: 359765
Conc: 26.85 ng/ml



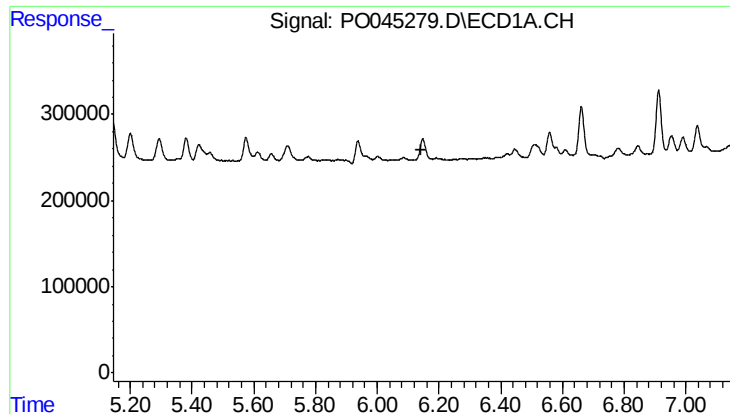
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T.: 6.188 min
Response: 0
Conc: N.D.



#25 AR-1248-5

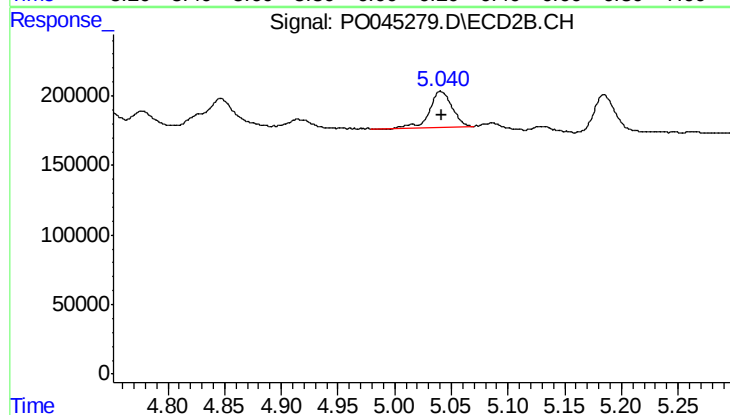
R.T.: 5.577 min
Delta R.T.: 0.009 min
Response: 487161
Conc: 67.71 ng/ml



#26 AR-1254-1

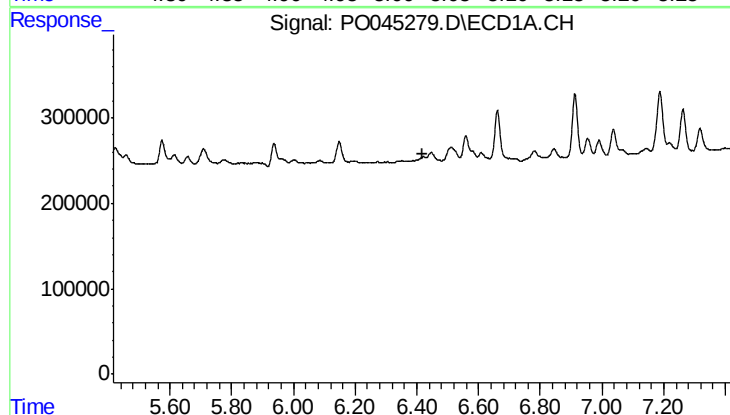
R.T.: 0.000 min
Exp R.T.: 6.145 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PB109522BS



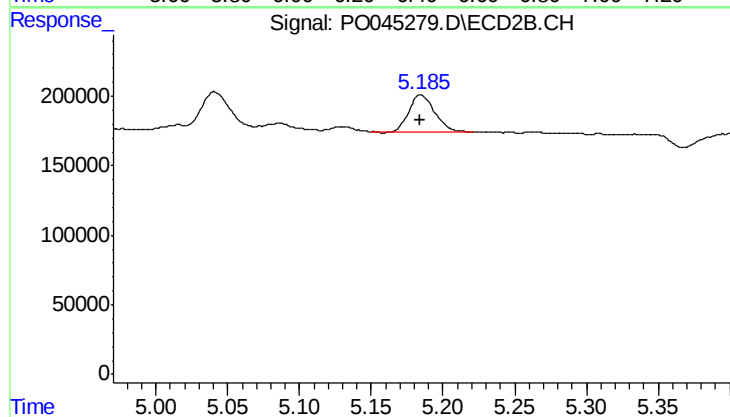
#26 AR-1254-1

R.T.: 5.041 min
Delta R.T.: -0.001 min
Response: 359765
Conc: 19.41 ng/ml



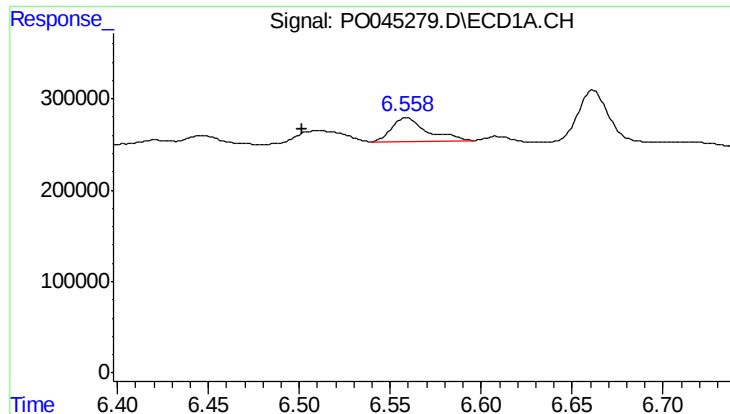
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T.: 6.417 min
Response: 0
Conc: N.D.



#27 AR-1254-2

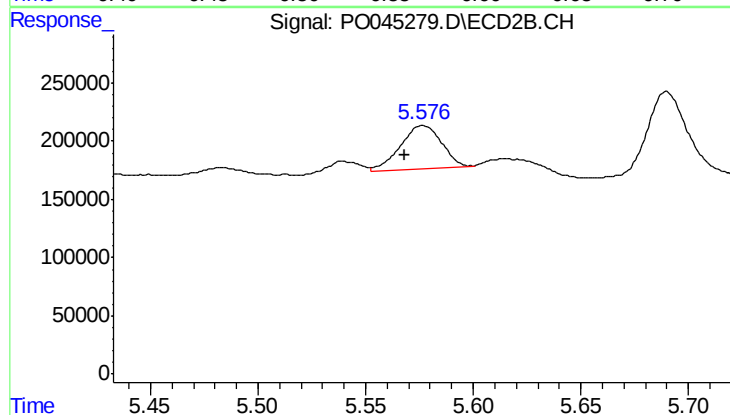
R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 337341
Conc: 20.92 ng/ml



#28 AR-1254-3

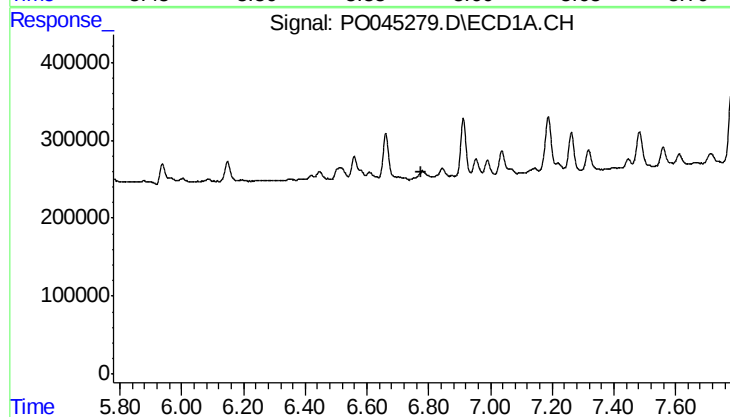
R.T.: 6.559 min
Delta R.T.: 0.057 min
Response: 359264
Conc: 22.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109522BS



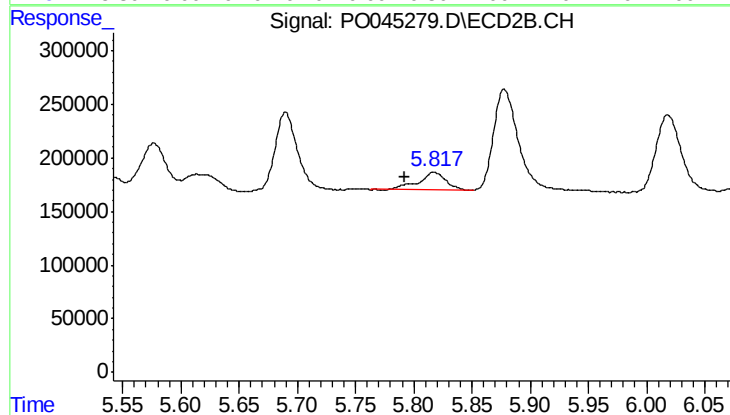
#28 AR-1254-3

R.T.: 5.577 min
Delta R.T.: 0.008 min
Response: 487161
Conc: 18.90 ng/ml



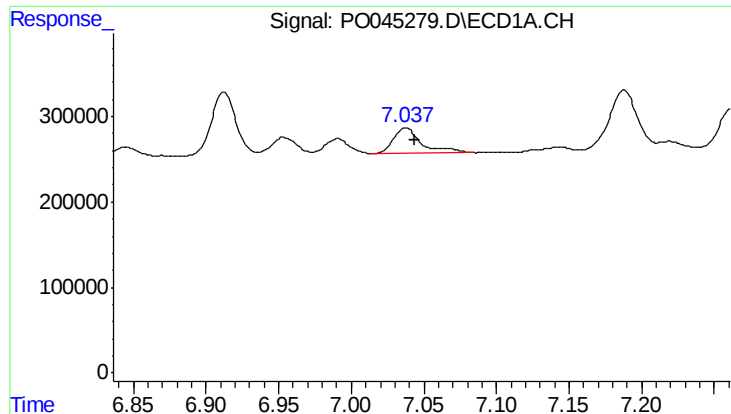
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T.: 6.778 min
Response: 0
Conc: N.D.



#29 AR-1254-4

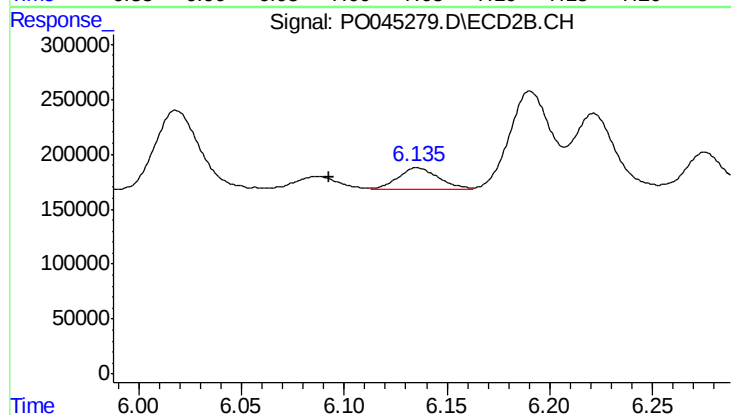
R.T.: 5.817 min
Delta R.T.: 0.025 min
Response: 270868
Conc: 13.60 ng/ml



#30 AR-1254-5

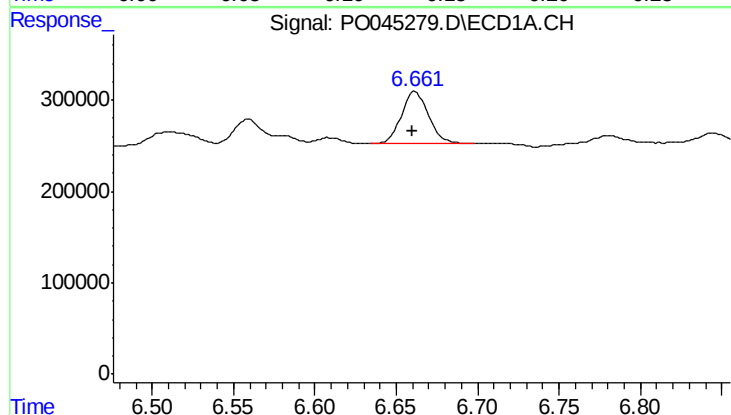
R.T.: 7.038 min
Delta R.T.: -0.006 min
Response: 412260
Conc: 43.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109522BS



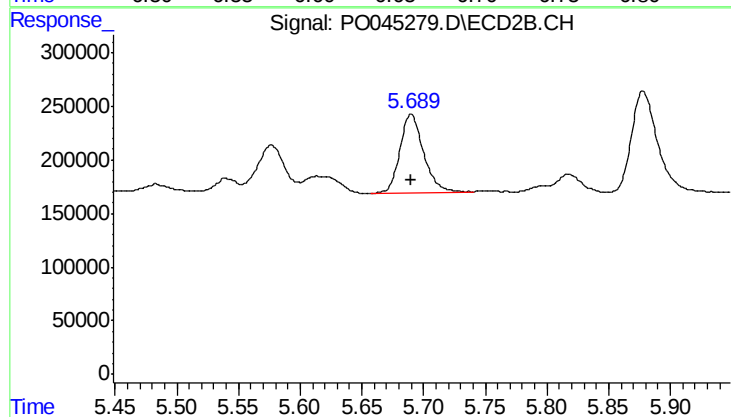
#30 AR-1254-5

R.T.: 6.136 min
Delta R.T.: 0.043 min
Response: 286733
Conc: 23.94 ng/ml



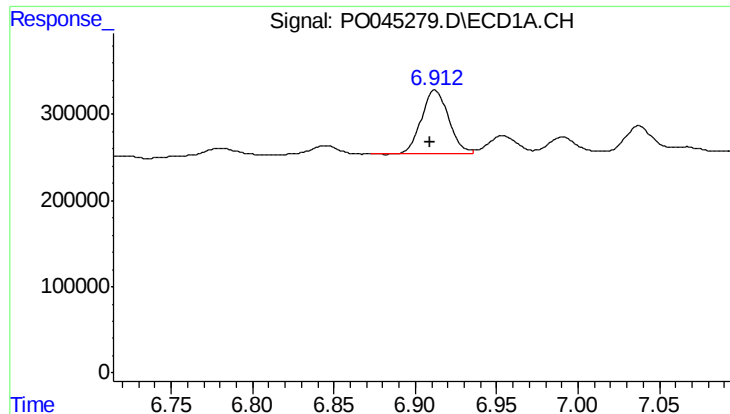
#31 AR-1260-1

R.T.: 6.661 min
Delta R.T.: 0.002 min
Response: 660639
Conc: 57.03 ng/ml



#31 AR-1260-1

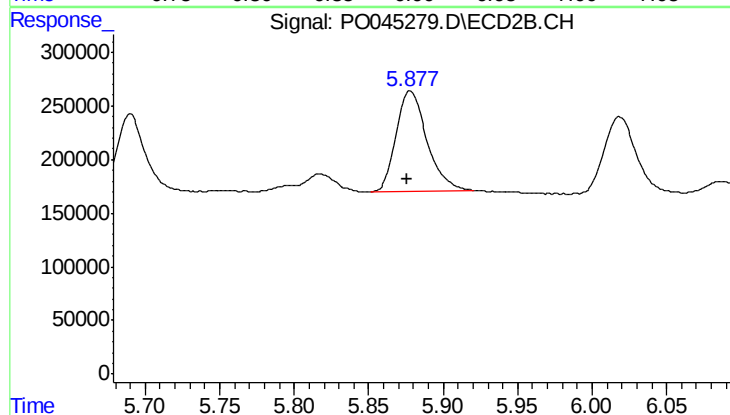
R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 985176
Conc: 60.19 ng/ml



#32 AR-1260-2

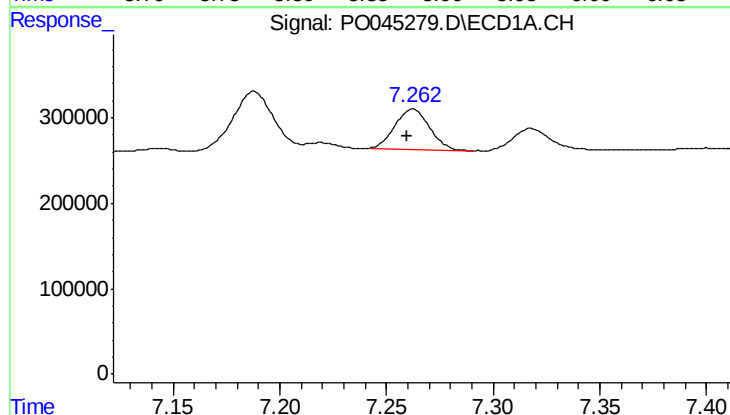
R.T.: 6.912 min
Delta R.T.: 0.003 min
Response: 858902
Conc: 56.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109522BS



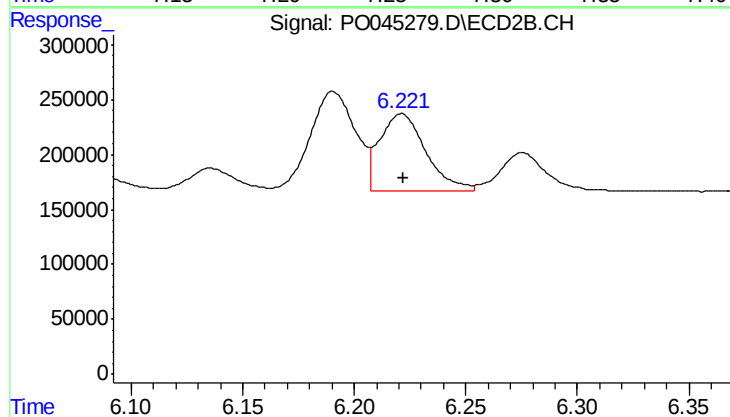
#32 AR-1260-2

R.T.: 5.878 min
Delta R.T.: 0.002 min
Response: 1342928
Conc: 63.56 ng/ml



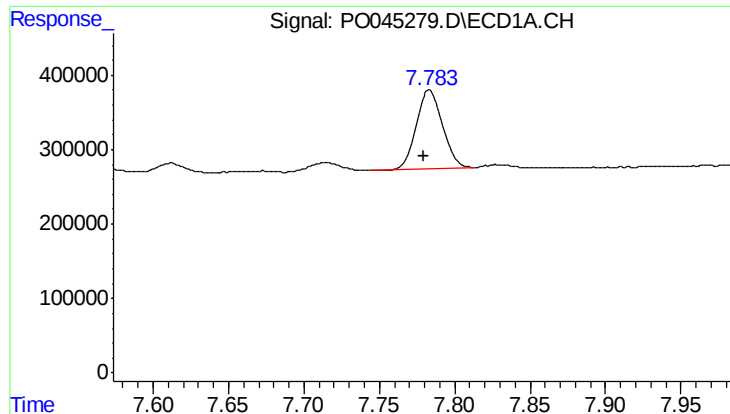
#33 AR-1260-3

R.T.: 7.262 min
Delta R.T.: 0.003 min
Response: 536583
Conc: 42.27 ng/ml



#33 AR-1260-3

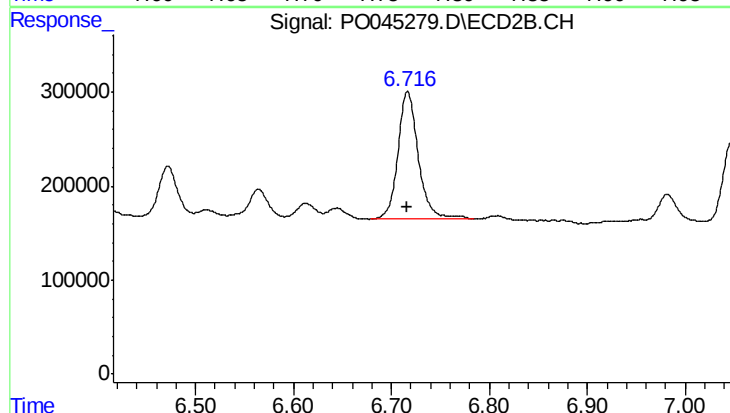
R.T.: 6.221 min
Delta R.T.: 0.000 min
Response: 1000262
Conc: 52.85 ng/ml



#34 AR-1260-4

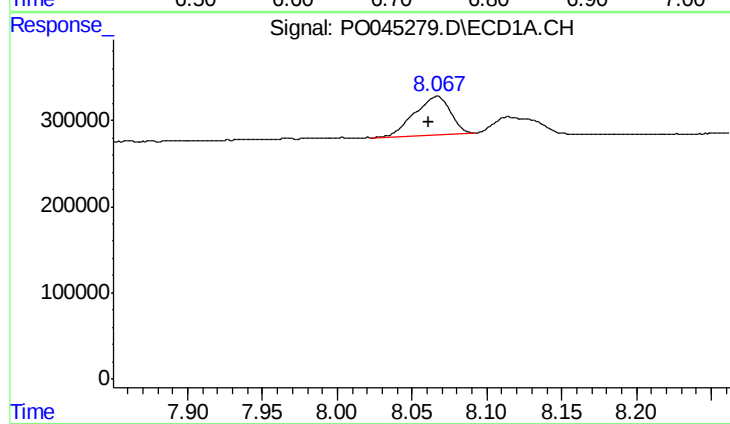
R.T.: 7.783 min
Delta R.T.: 0.003 min
Response: 1293848
Conc: 45.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109522BS



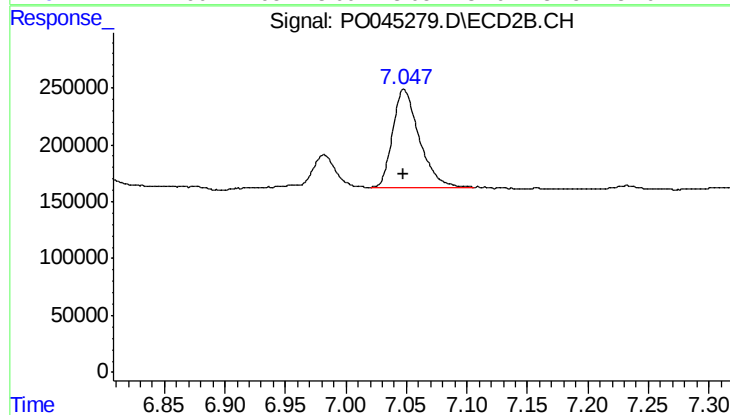
#34 AR-1260-4

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 1982236
Conc: 50.35 ng/ml



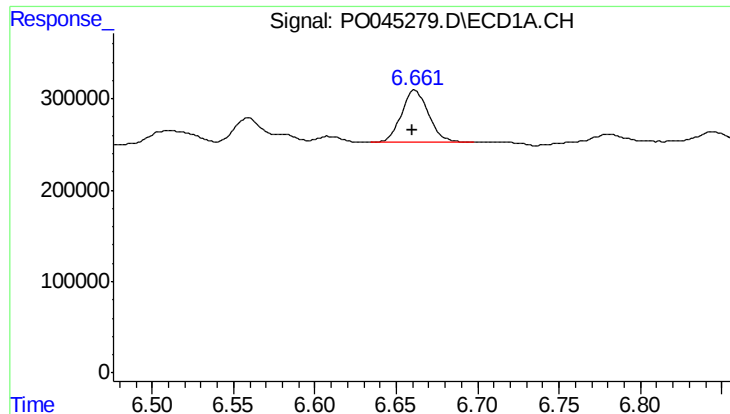
#35 AR-1260-5

R.T.: 8.067 min
Delta R.T.: 0.005 min
Response: 753924
Conc: 45.07 ng/ml



#35 AR-1260-5

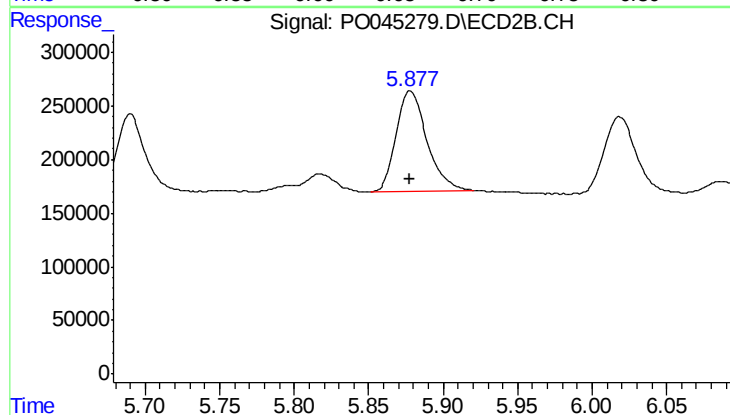
R.T.: 7.048 min
Delta R.T.: 0.000 min
Response: 1316610
Conc: 47.84 ng/ml



#36 AR-1262-1

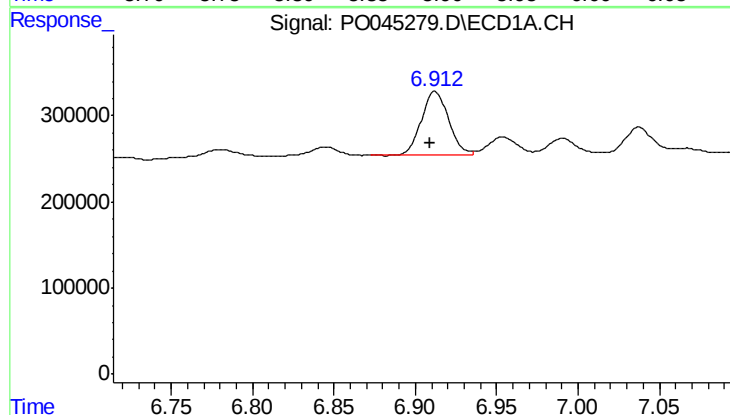
R.T.: 6.661 min
Delta R.T.: 0.002 min
Response: 660639
Conc: 60.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109522BS



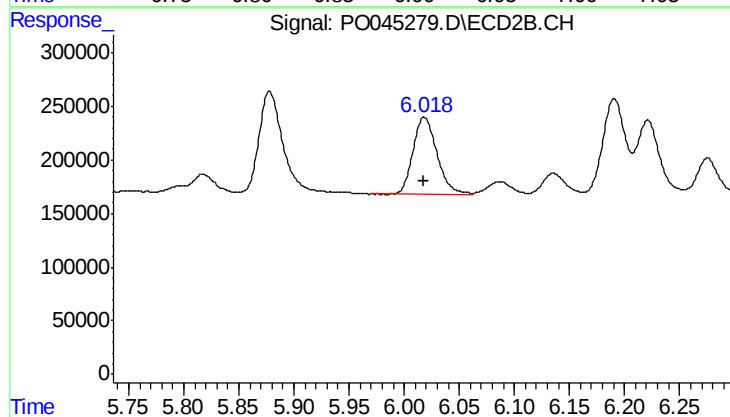
#36 AR-1262-1

R.T.: 5.878 min
Delta R.T.: 0.000 min
Response: 1342928
Conc: 70.94 ng/ml



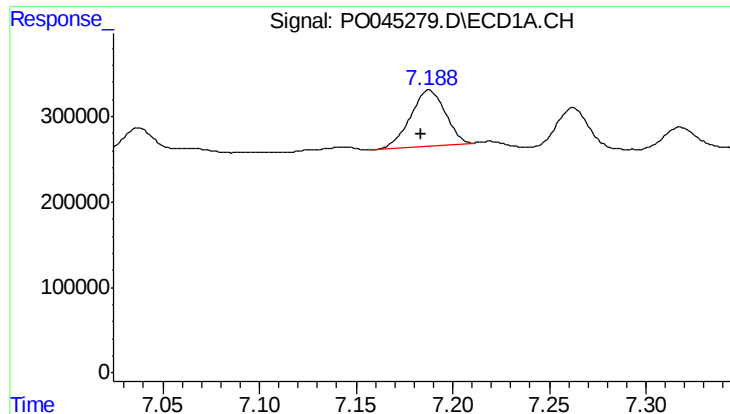
#37 AR-1262-2

R.T.: 6.912 min
Delta R.T.: 0.003 min
Response: 858902
Conc: 62.44 ng/ml



#37 AR-1262-2

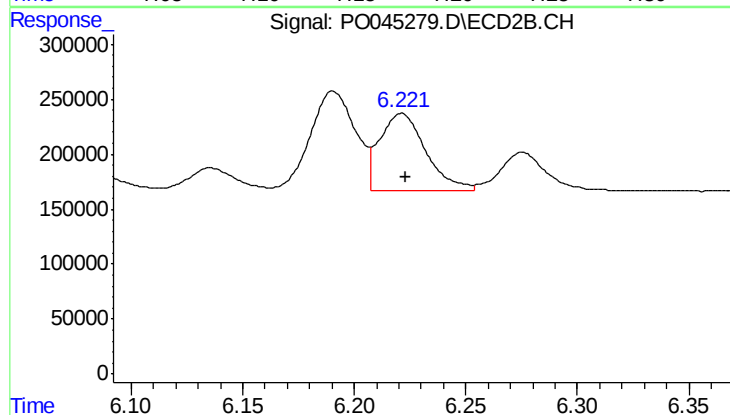
R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 1082756
Conc: 59.00 ng/ml



#38 AR-1262-3

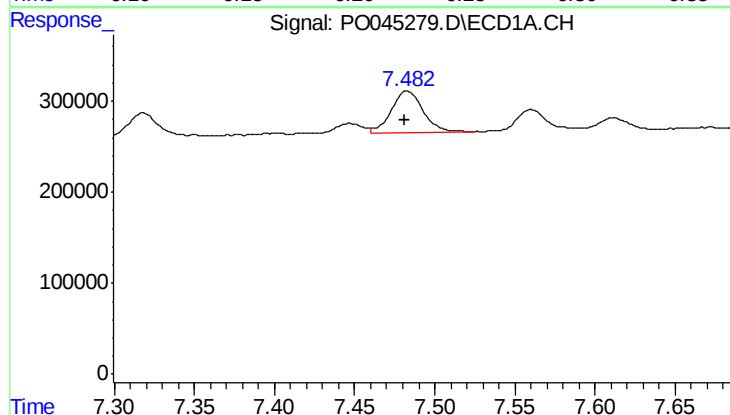
R.T.: 7.188 min
Delta R.T.: 0.004 min
Response: 819821
Conc: 64.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109522BS



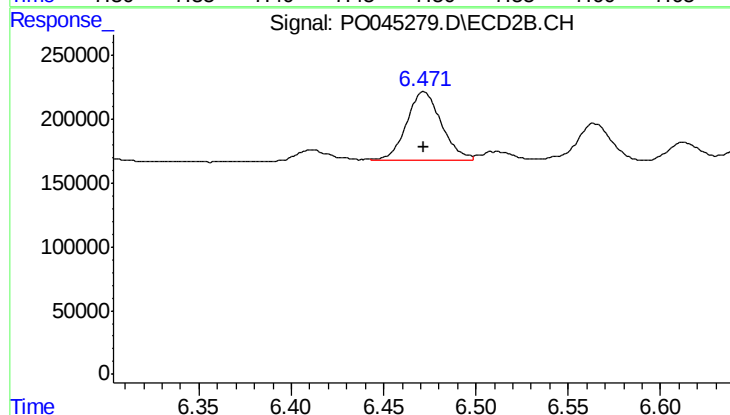
#38 AR-1262-3

R.T.: 6.221 min
Delta R.T.: -0.002 min
Response: 1000262
Conc: 32.62 ng/ml



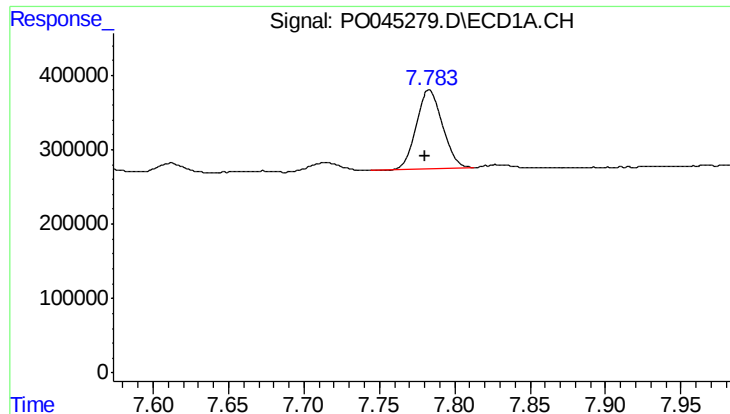
#39 AR-1262-4

R.T.: 7.483 min
Delta R.T.: 0.002 min
Response: 628630
Conc: 36.60 ng/ml



#39 AR-1262-4

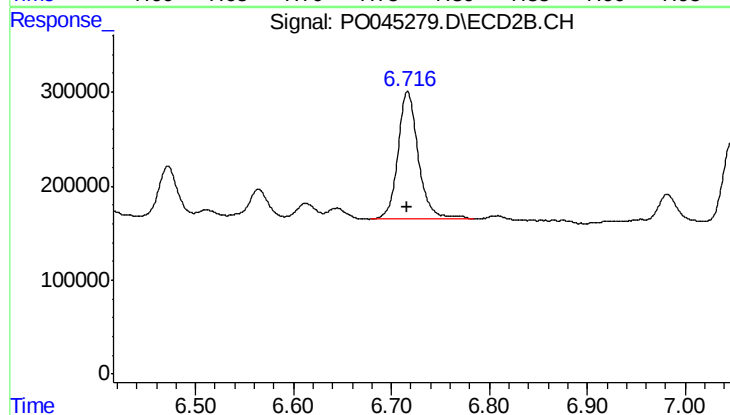
R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 698094
Conc: 27.70 ng/ml



#40 AR-1262-5

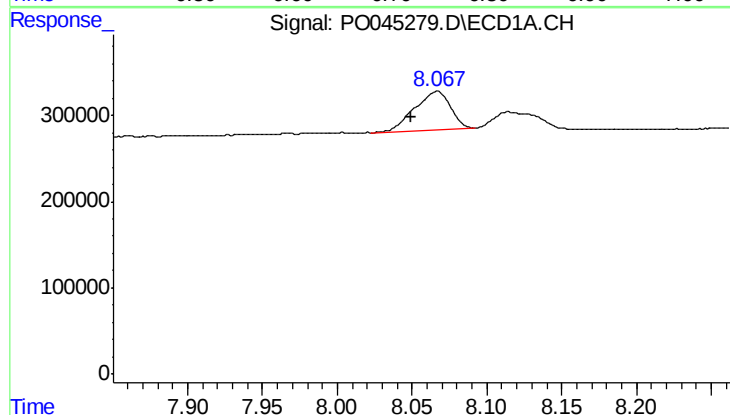
R.T.: 7.783 min
Delta R.T.: 0.003 min
Response: 1293848
Conc: 35.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109522BS



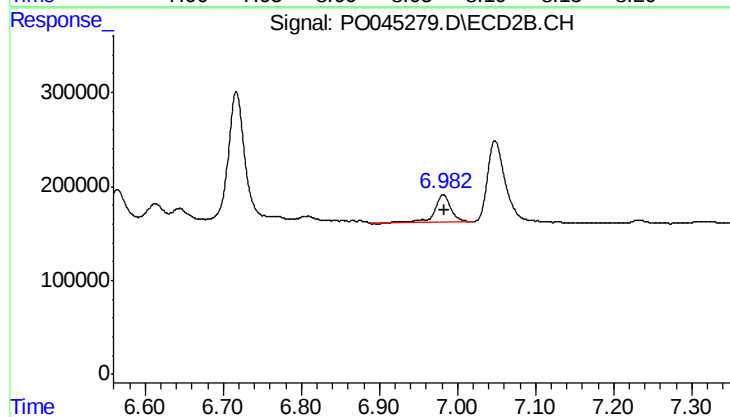
#40 AR-1262-5

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 1982236
Conc: 36.38 ng/ml



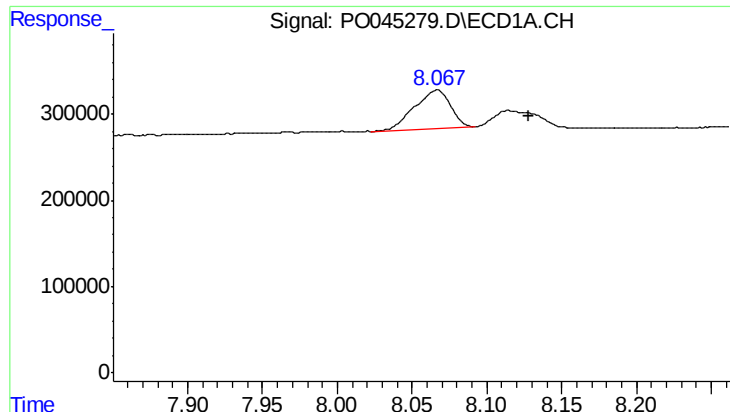
#41 AR-1268-1

R.T.: 8.067 min
Delta R.T.: 0.018 min
Response: 753924
Conc: 19.79 ng/ml



#41 AR-1268-1

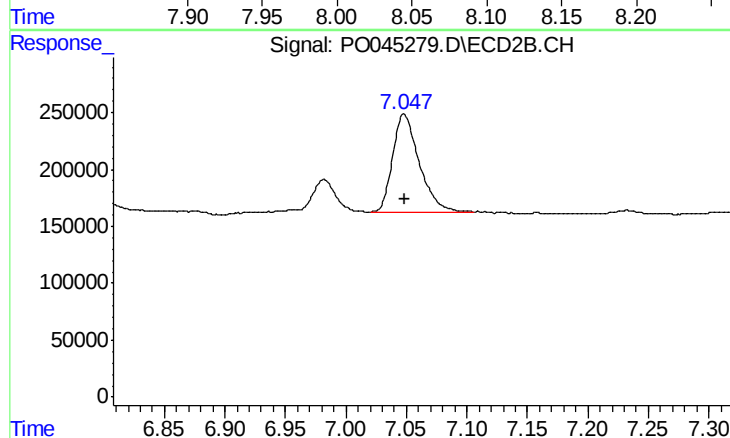
R.T.: 6.982 min
Delta R.T.: 0.000 min
Response: 416930
Conc: 7.56 ng/ml



#42 AR-1268-2

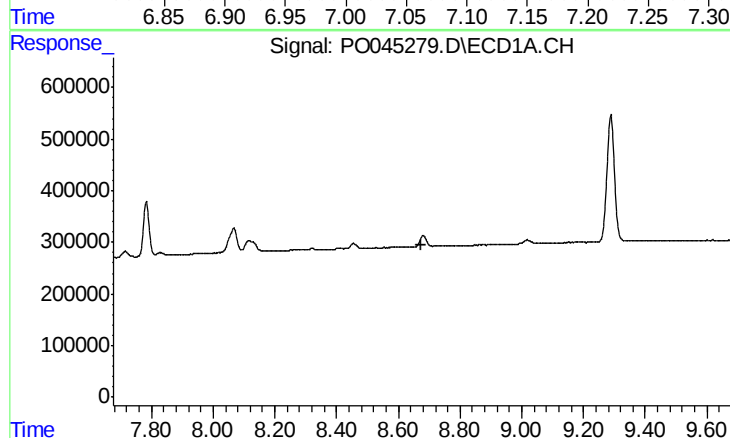
R.T.: 8.067 min
Delta R.T.: -0.061 min
Response: 753924
Conc: 22.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109522BS



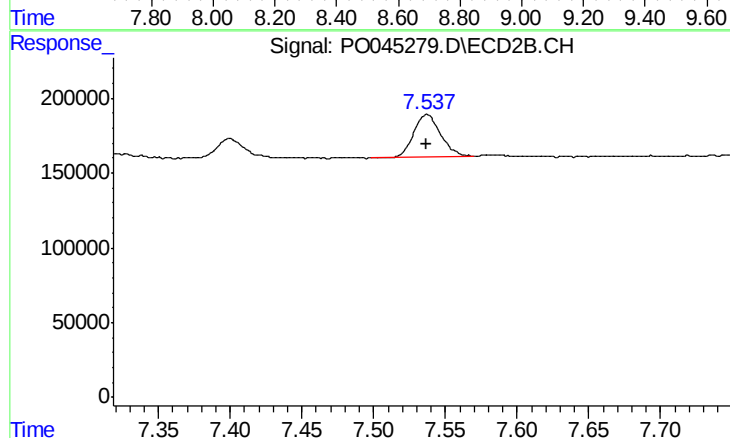
#42 AR-1268-2

R.T.: 7.048 min
Delta R.T.: 0.000 min
Response: 1316610
Conc: 25.78 ng/ml



#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 8.676 min
Response: 0
Conc: N.D.



#44 AR-1268-4

R.T.: 7.537 min
Delta R.T.: 0.000 min
Response: 365559
Conc: 21.00 ng/ml