

Data Path : P:\HPCHEM1\ECD_0\Data\P0060318\
 Data File : P0045398.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 03 Jun 2018 2:43
 Operator : SM/UA
 Sample : PB109914BSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB109914BSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 02:08:16 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...	3.998	3.273	3665983	4843563	17.551	17.467
2) SA Decachlor...	9.276	7.994	4360323	5410883	18.985	19.198
Target Compounds						
3) L1 AR-1016-1	0.000	4.079	0	367415	N.D.	53.165 #
4) L1 AR-1016-2	5.134	4.508	615134	209167	92.184	35.472 #
5) L1 AR-1016-3	0.000	4.547	0	196842	N.D.	28.097 #
6) L1 AR-1016-4	0.000	4.709	0	418637	N.D.	56.233 #
7) L1 AR-1016-5	0.000	5.039	0	333544	N.D.	44.486 #
9) L2 AR-1221-2	0.000	3.624	0	205255	N.D.	54.759 #
10) L2 AR-1221-3	0.000	3.624	0	205255	N.D.	16.605 #
11) L3 AR-1232-1	0.000	3.624	0	205255	N.D.	35.348 #
12) L3 AR-1232-2	5.112	4.302	310706	1354515	94.363	107.234
13) L3 AR-1232-3	5.134	4.358	615134	524739	107.812	100.657
14) L3 AR-1232-4	5.134	4.469	615134	273663	179.744	71.794 #
15) L3 AR-1232-5	0.000	4.547	0	196842	N.D.	58.196 #
16) L4 AR-1242-1	0.000	4.079	0	367415	N.D.	65.643 #
17) L4 AR-1242-2	5.134	4.302	615134	1354515	67.712	66.198
18) L4 AR-1242-3	0.000	4.469	0	273663	N.D.	44.526 #
19) L4 AR-1242-4	0.000	4.547	0	196842	N.D.	32.905 #
20) L4 AR-1242-5	0.000	4.709	0	418637	N.D.	64.160 #
21) L5 AR-1248-1	0.000	4.709	0	418637	N.D.	39.443 #
22) L5 AR-1248-2	0.000	4.846	0	328866	N.D.	31.960 #
23) L5 AR-1248-3	0.000	5.039	0	333544	N.D.	20.742 #
24) L5 AR-1248-4	0.000	5.039	0	333544	N.D.	24.894 #
25) L5 AR-1248-5	0.000	5.574	0	441375	N.D.	61.347 #
26) L6 AR-1254-1	0.000	5.039	0	333544	N.D.	17.999 #
27) L6 AR-1254-2	0.000	5.184	0	293419	N.D.	18.199 #
28) L6 AR-1254-3	6.551	5.574	340442	441375	21.607	17.128
29) L6 AR-1254-4	0.000	5.816	0	246122	N.D.	12.360 #
30) L6 AR-1254-5	7.030	6.134	422356	270028	44.162	22.544 #
31) L7 AR-1260-1	6.654	5.687	637330	923117	55.022	56.398
32) L7 AR-1260-2	6.903	5.877	863912	1282818	56.774	60.718
33) L7 AR-1260-3	7.254	6.219	613991	1077832	48.363	56.946
34) L7 AR-1260-4	7.775	6.714	1341442	1990218	47.220	50.550
35) L7 AR-1260-5	8.060	7.046	766934	1377576	45.844	50.050
36) L8 AR-1262-1	6.654	5.877	637330	1282818	58.541	67.768
37) L8 AR-1262-2	6.903	6.017	863912	1075127	62.806	58.586
38) L8 AR-1262-3	7.180	6.219	1145655	1077832	89.905	35.150 #
39) L8 AR-1262-4	7.474	6.470	649378	728994	37.806	28.931

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Acq On : 03 Jun 2018 2:43
Operator : SM/UA
Sample : PB109914BSD
Misc :
ALS Vial : 56 Sample Multiplier: 1

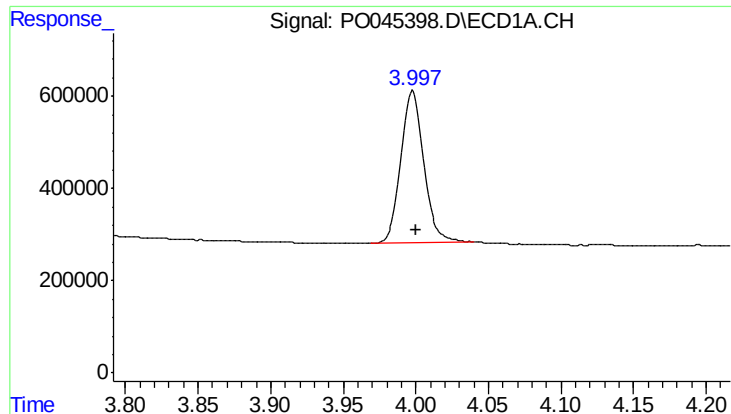
Instrument :
ECD_O
ClientSampleId :
PB109914BSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 04 02:08:16 2018
Quant Method : P:\HPCHEM1\ECD_0\methods\P0053018.M
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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	7.775	6.714	1341442	1990218	36.300	36.524
41) L9	AR-1268-1	8.060	6.979	766934	406139	20.136	7.361 #
42) L9	AR-1268-2	8.060	7.046	766934	1377576	22.510	26.978
44) L9	AR-1268-4	0.000	7.536	0	361121	N.D.	20.749 #

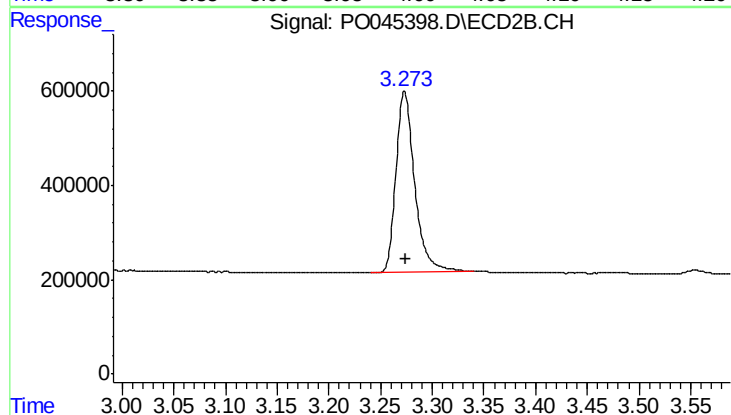
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

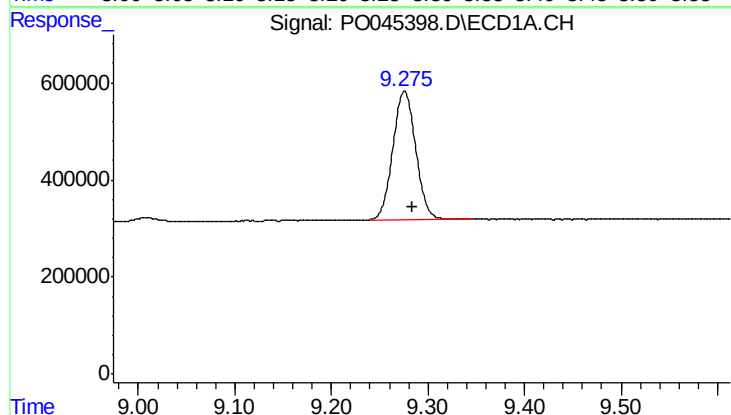
R.T.: 3.998 min
Delta R.T.: -0.003 min
Response: 3665983
Conc: 17.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109914BSD



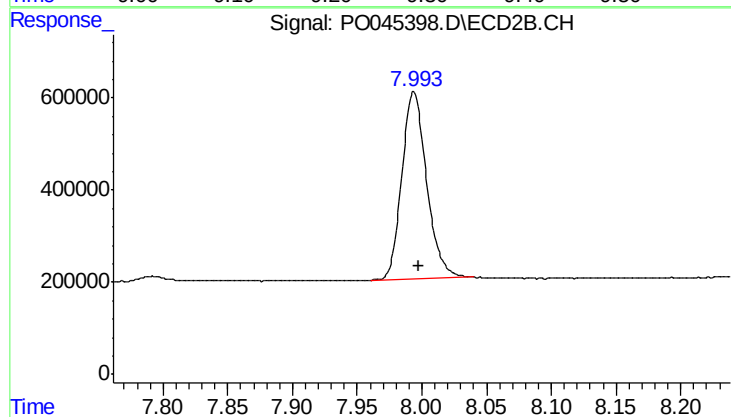
#1 Tetrachloro-m-xylene

R.T.: 3.273 min
Delta R.T.: -0.002 min
Response: 4843563
Conc: 17.47 ng/ml



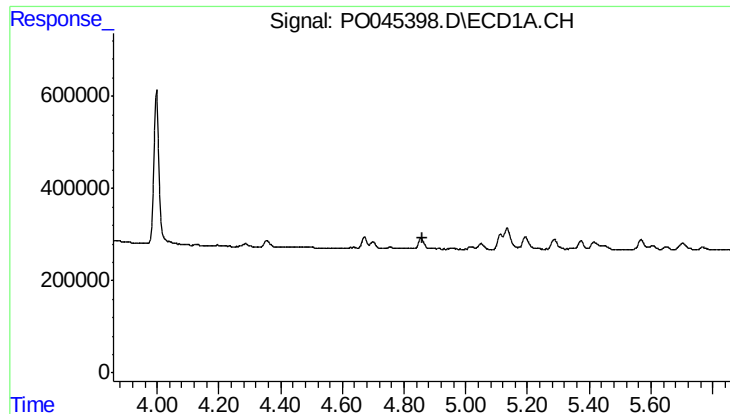
#2 Decachlorobiphenyl

R.T.: 9.276 min
Delta R.T.: -0.008 min
Response: 4360323
Conc: 18.99 ng/ml



#2 Decachlorobiphenyl

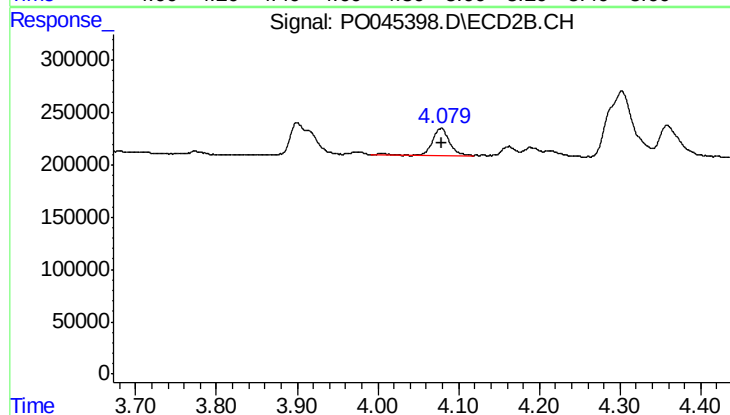
R.T.: 7.994 min
Delta R.T.: -0.004 min
Response: 5410883
Conc: 19.20 ng/ml



#3 AR-1016-1

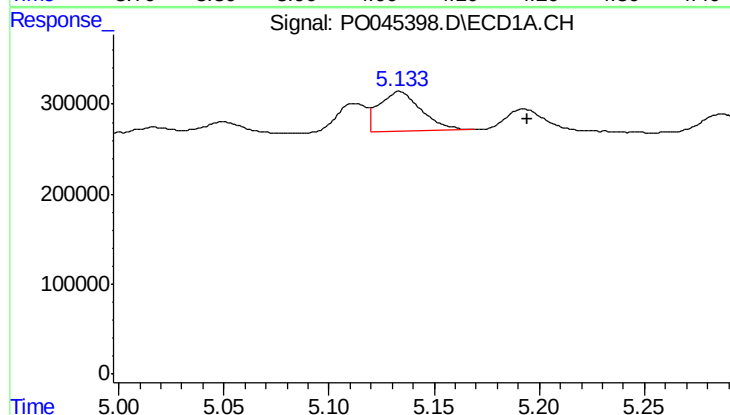
R.T.: 0.000 min
Exp R.T.: 4.858 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PB109914BSD



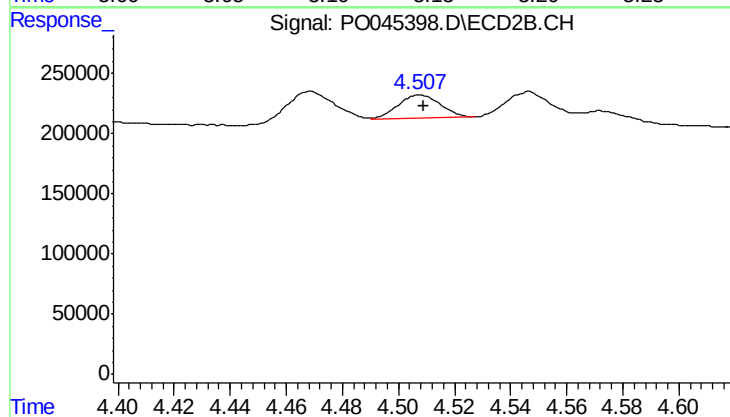
#3 AR-1016-1

R.T.: 4.079 min
Delta R.T.: 0.000 min
Response: 367415
Conc: 53.17 ng/ml



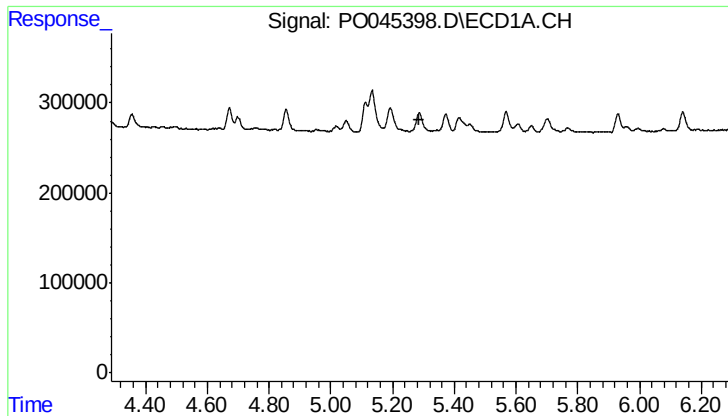
#4 AR-1016-2

R.T.: 5.134 min
Delta R.T.: -0.061 min
Response: 615134
Conc: 92.18 ng/ml



#4 AR-1016-2

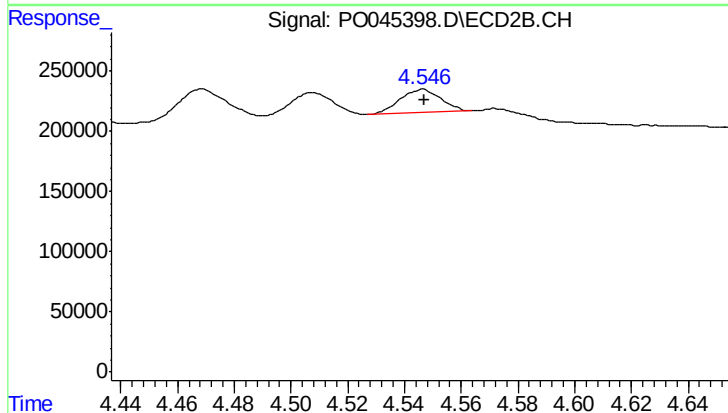
R.T.: 4.508 min
Delta R.T.: -0.002 min
Response: 209167
Conc: 35.47 ng/ml



#5 AR-1016-3

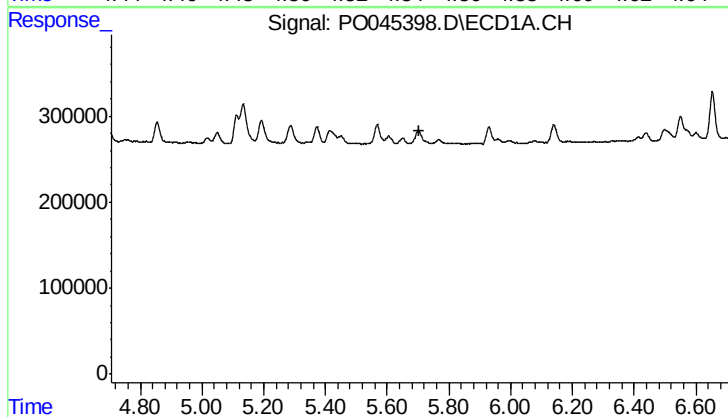
R.T.: 0.000 min
Exp R.T.: 5.288 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PB109914BSD



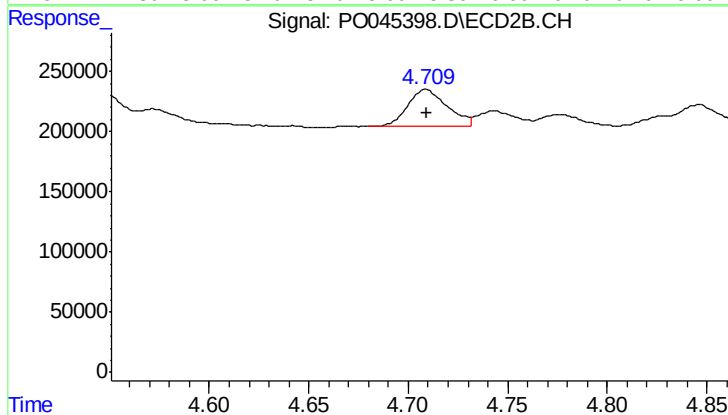
#5 AR-1016-3

R.T.: 4.547 min
Delta R.T.: 0.000 min
Response: 196842
Conc: 28.10 ng/ml



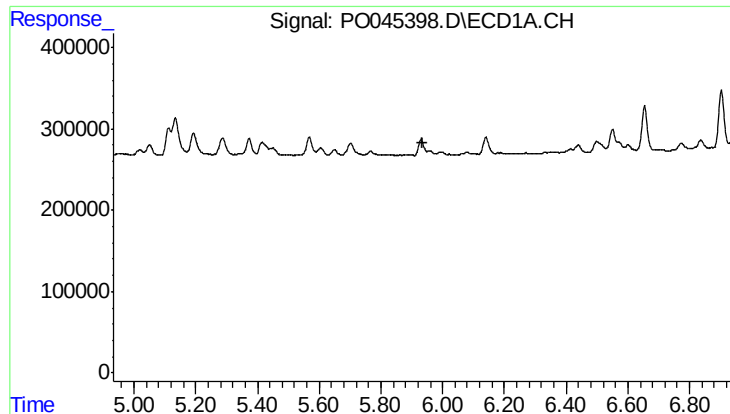
#6 AR-1016-4

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



#6 AR-1016-4

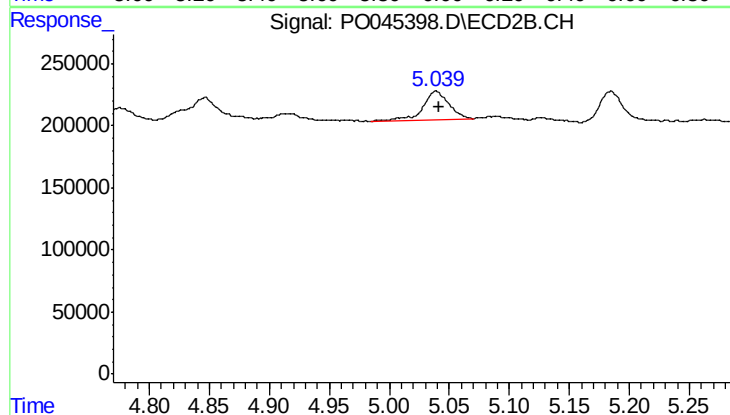
R.T.: 4.709 min
Delta R.T.: 0.000 min
Response: 418637
Conc: 56.23 ng/ml



#7 AR-1016-5

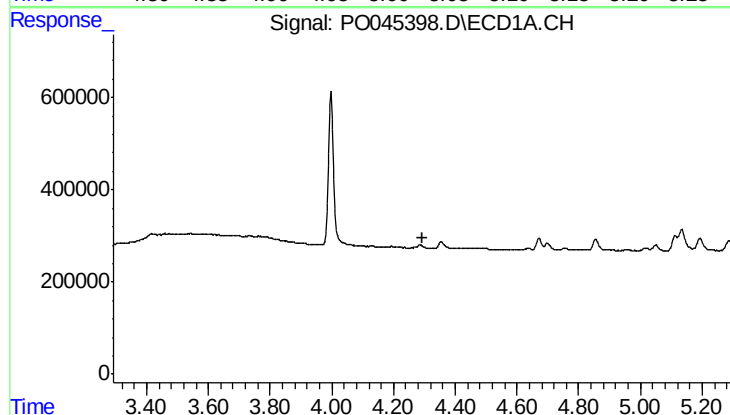
R.T.: 0.000 min
Exp R.T.: 5.933 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PB109914BSD



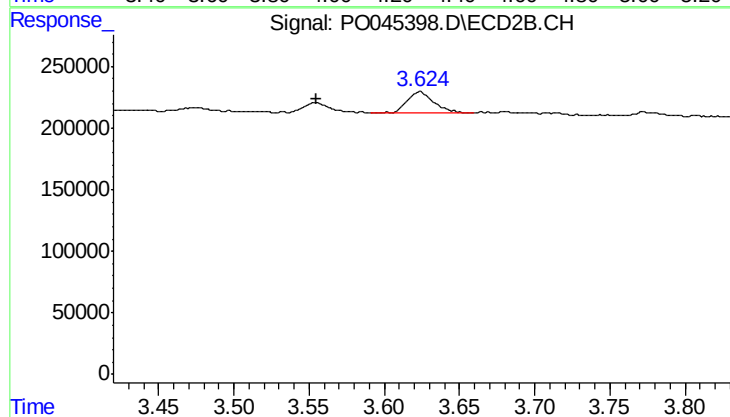
#7 AR-1016-5

R.T.: 5.039 min
Delta R.T.: -0.003 min
Response: 333544
Conc: 44.49 ng/ml



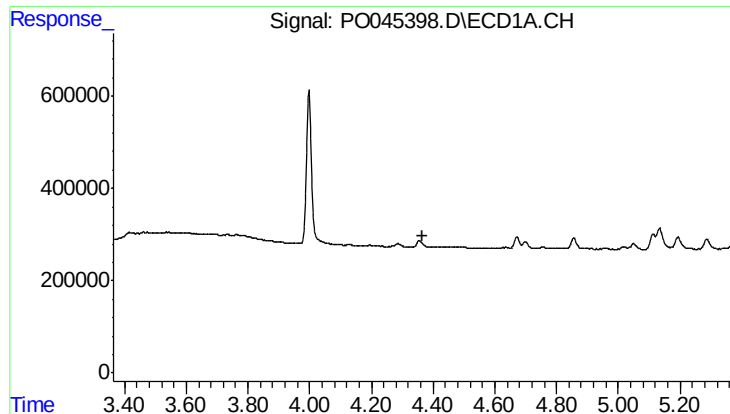
#9 AR-1221-2

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



#9 AR-1221-2

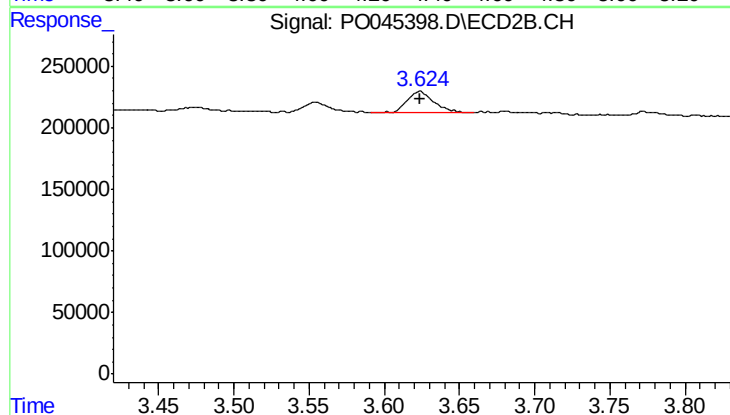
R.T.: 3.624 min
Delta R.T.: 0.069 min
Response: 205255
Conc: 54.76 ng/ml



#10 AR-1221-3

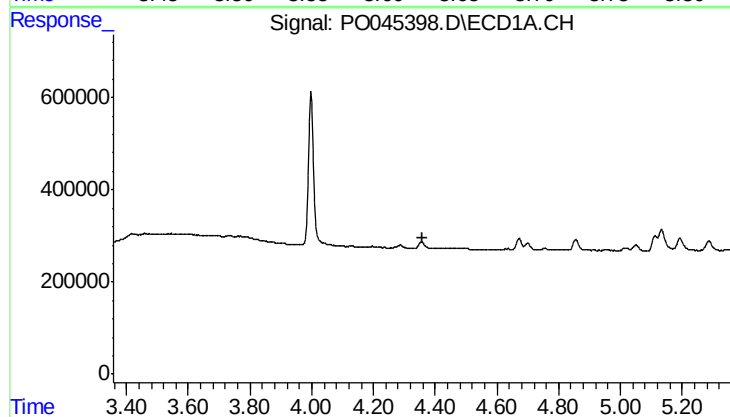
R.T.: 0.000 min
Exp R.T.: 4.364 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PB109914BSD



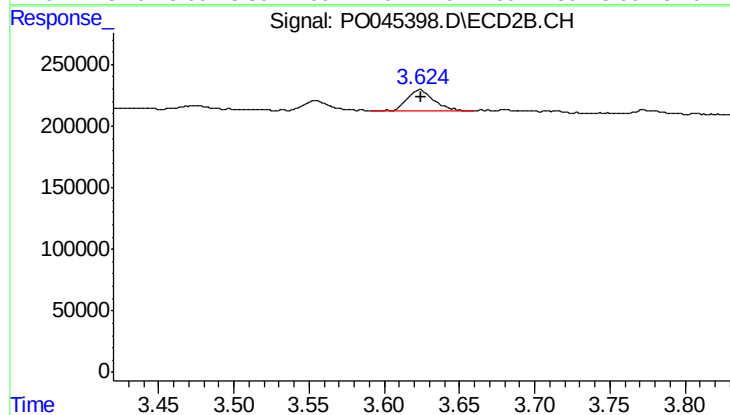
#10 AR-1221-3

R.T.: 3.624 min
Delta R.T.: 0.000 min
Response: 205255
Conc: 16.60 ng/ml



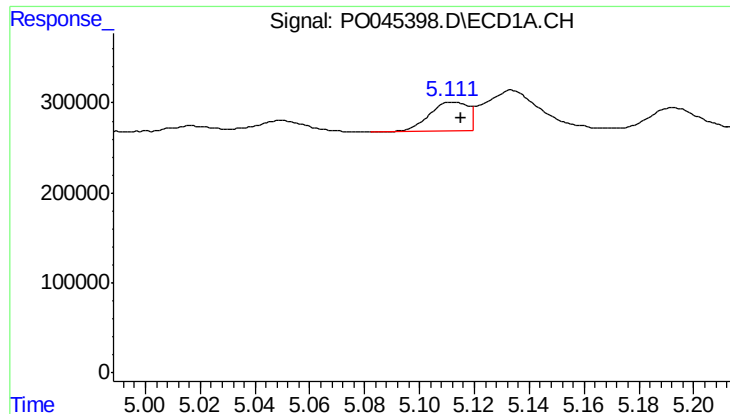
#11 AR-1232-1

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



#11 AR-1232-1

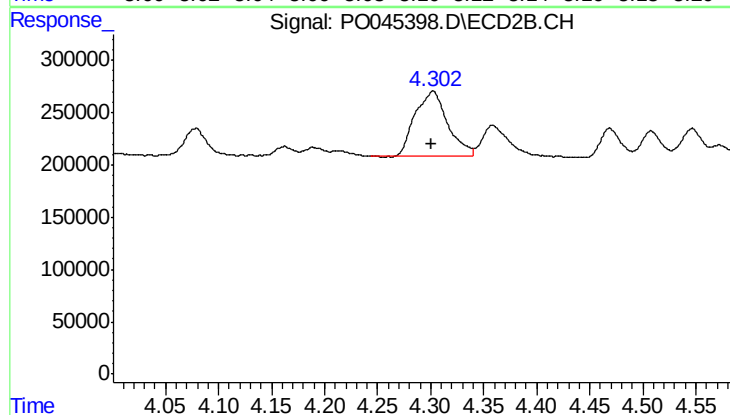
R.T.: 3.624 min
Delta R.T.: 0.000 min
Response: 205255
Conc: 35.35 ng/ml



#12 AR-1232-2

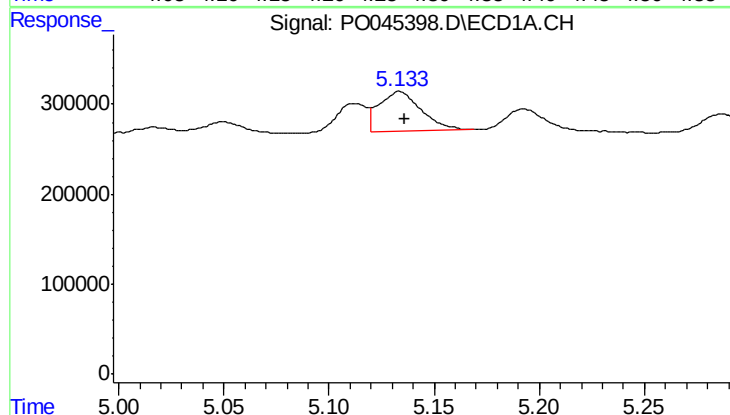
R.T.: 5.112 min
Delta R.T.: -0.003 min
Response: 310706
Conc: 94.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109914BSD



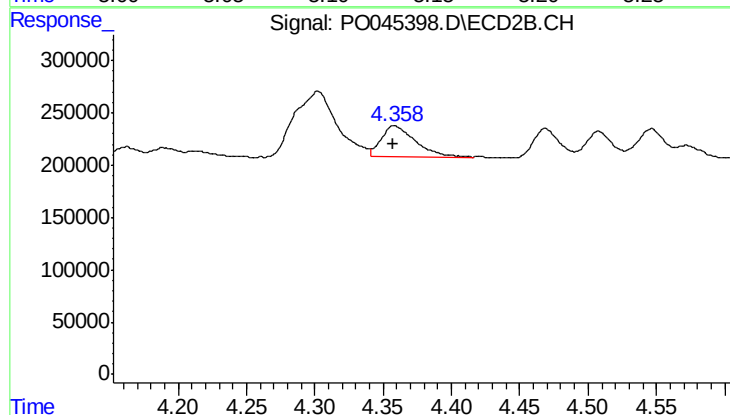
#12 AR-1232-2

R.T.: 4.302 min
Delta R.T.: 0.000 min
Response: 1354515
Conc: 107.23 ng/ml



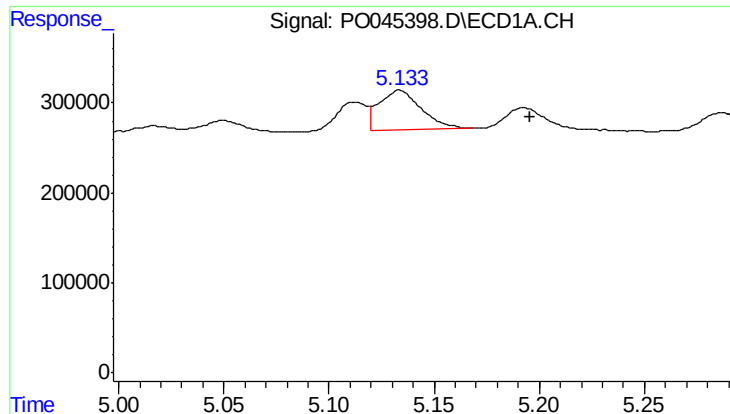
#13 AR-1232-3

R.T.: 5.134 min
Delta R.T.: -0.002 min
Response: 615134
Conc: 107.81 ng/ml



#13 AR-1232-3

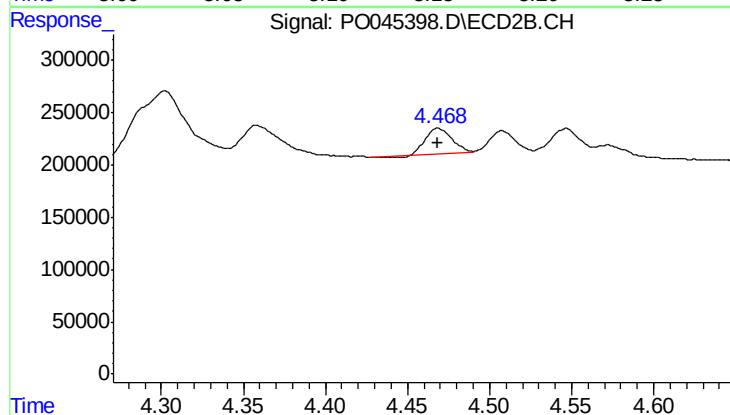
R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 524739
Conc: 100.66 ng/ml



#14 AR-1232-4

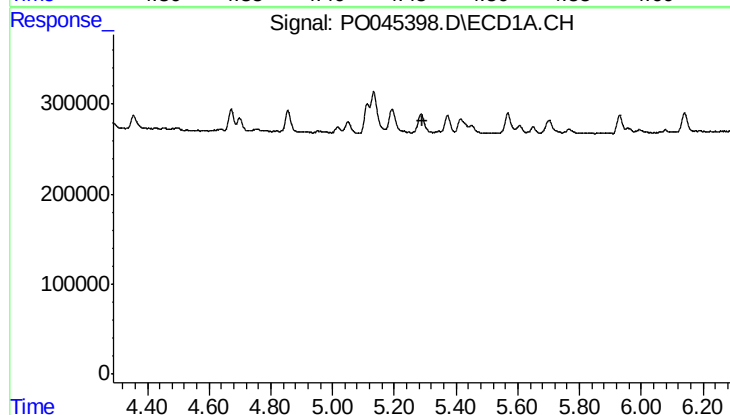
R.T.: 5.134 min
Delta R.T.: -0.062 min
Response: 615134
Conc: 179.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109914BSD



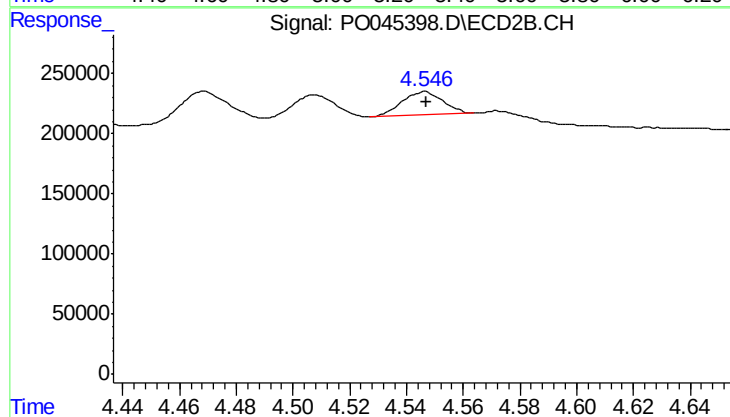
#14 AR-1232-4

R.T.: 4.469 min
Delta R.T.: 0.000 min
Response: 273663
Conc: 71.79 ng/ml



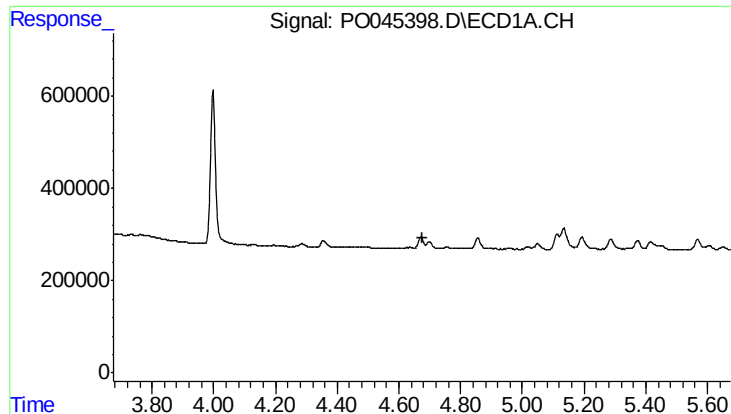
#15 AR-1232-5

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



#15 AR-1232-5

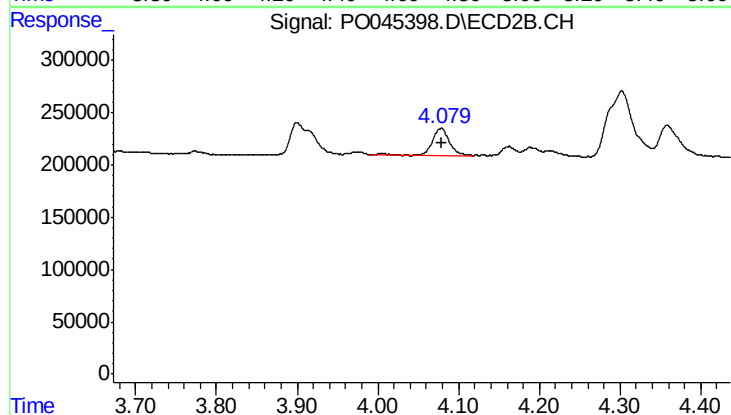
R.T.: 4.547 min
Delta R.T.: 0.000 min
Response: 196842
Conc: 58.20 ng/ml



#16 AR-1242-1

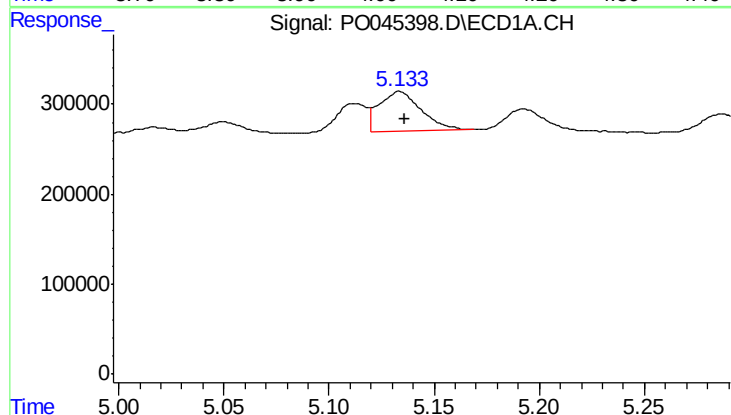
R.T.: 0.000 min
Exp R.T.: 4.675 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PB109914BSD



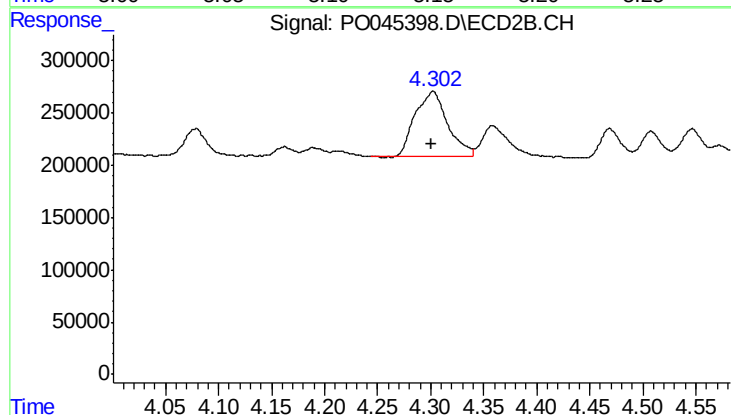
#16 AR-1242-1

R.T.: 4.079 min
Delta R.T.: -0.001 min
Response: 367415
Conc: 65.64 ng/ml



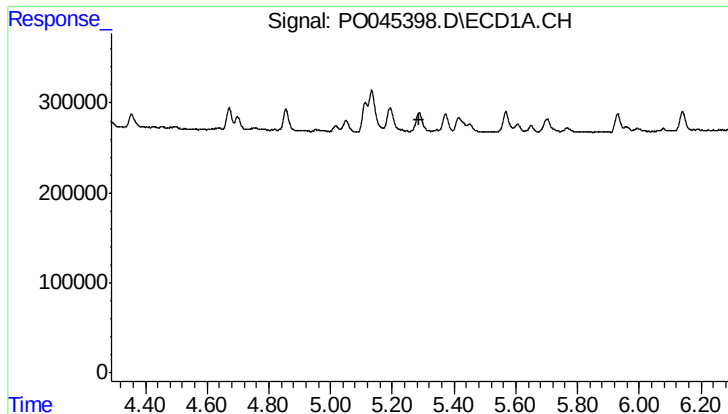
#17 AR-1242-2

R.T.: 5.134 min
Delta R.T.: -0.002 min
Response: 615134
Conc: 67.71 ng/ml



#17 AR-1242-2

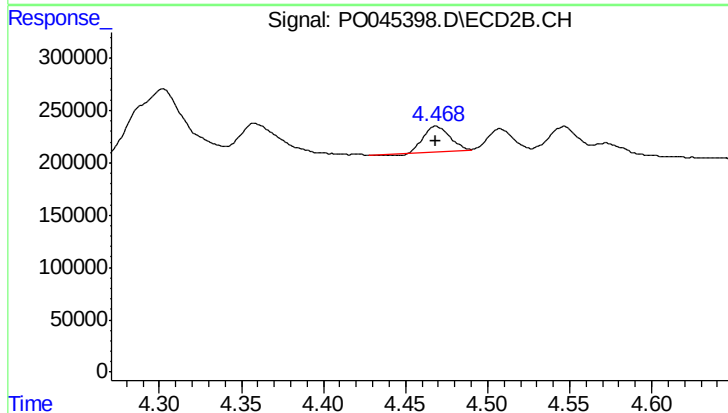
R.T.: 4.302 min
Delta R.T.: 0.001 min
Response: 1354515
Conc: 66.20 ng/ml



#18 AR-1242-3

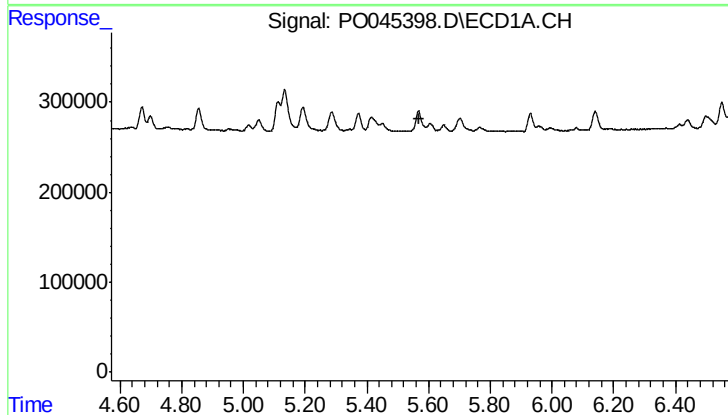
R.T.: 0.000 min
Exp R.T.: 5.289 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PB109914BSD



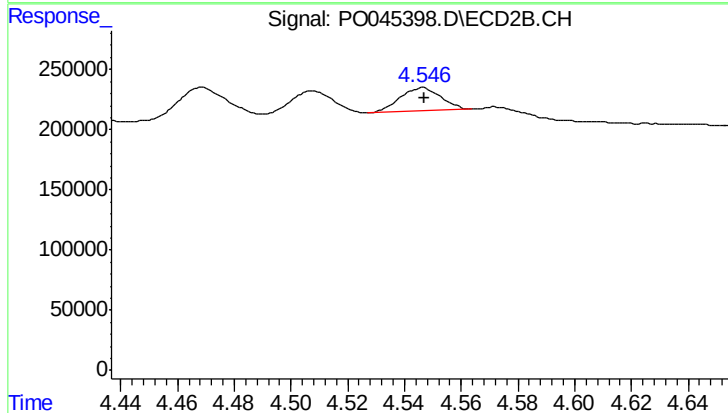
#18 AR-1242-3

R.T.: 4.469 min
Delta R.T.: 0.000 min
Response: 273663
Conc: 44.53 ng/ml



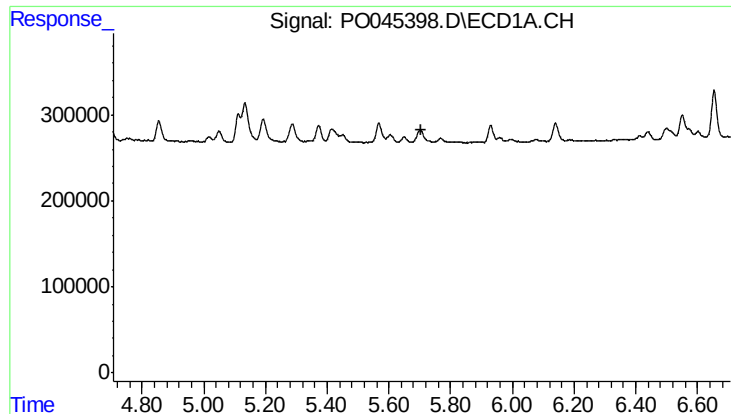
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 5.572 min
Response: 0
Conc: N.D.



#19 AR-1242-4

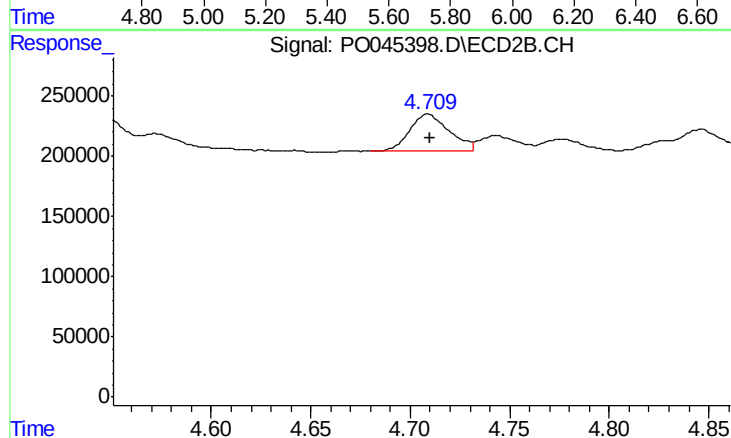
R.T.: 4.547 min
Delta R.T.: 0.000 min
Response: 196842
Conc: 32.90 ng/ml



#20 AR-1242-5

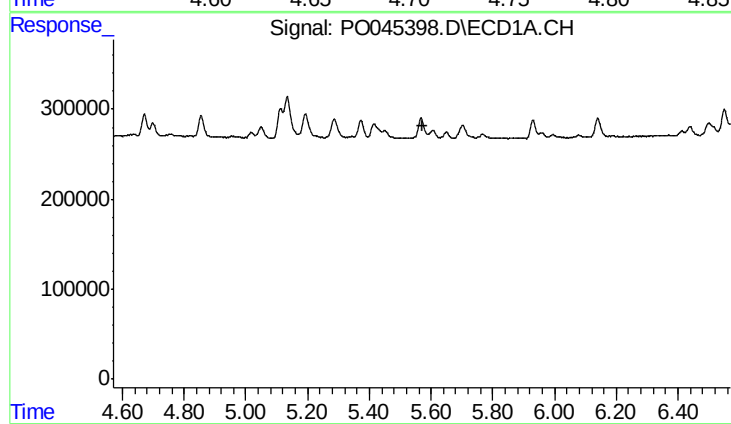
R.T.: 0.000 min
Exp R.T.: 5.707 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PB109914BSD



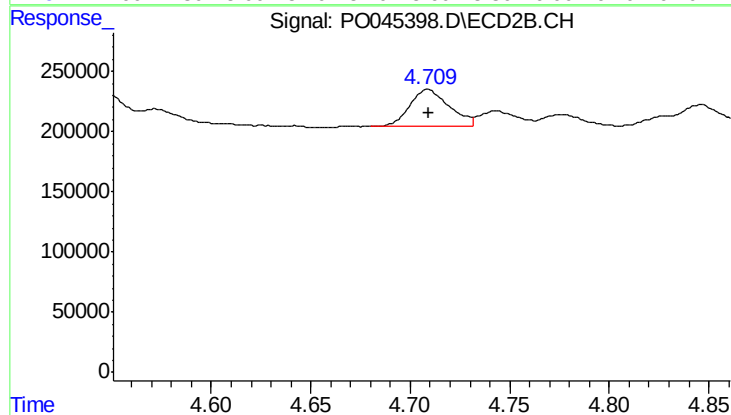
#20 AR-1242-5

R.T.: 4.709 min
Delta R.T.: 0.000 min
Response: 418637
Conc: 64.16 ng/ml



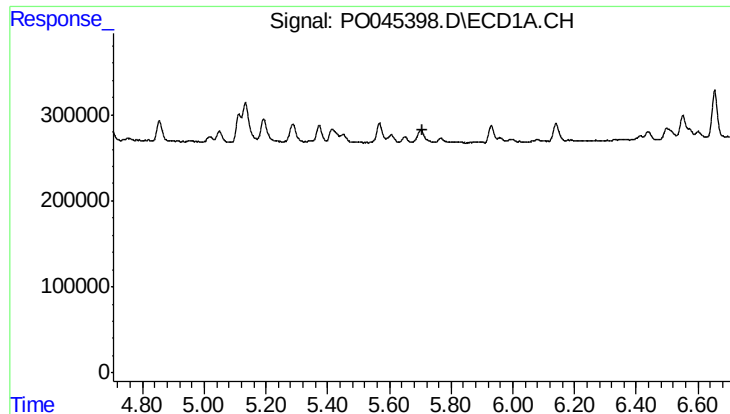
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T.: 5.570 min
Response: 0
Conc: N.D.



#21 AR-1248-1

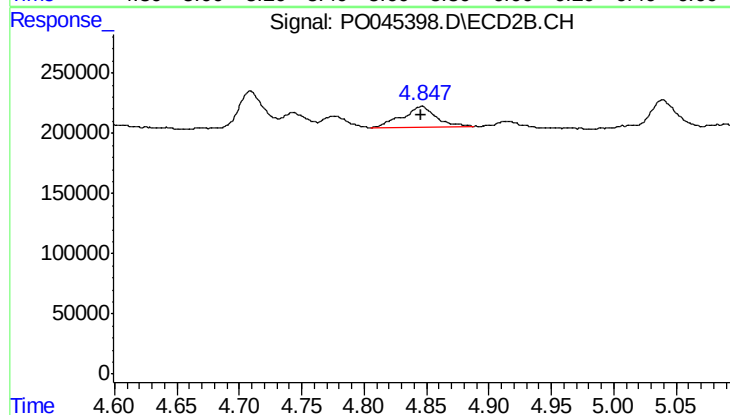
R.T.: 4.709 min
Delta R.T.: 0.000 min
Response: 418637
Conc: 39.44 ng/ml



#22 AR-1248-2

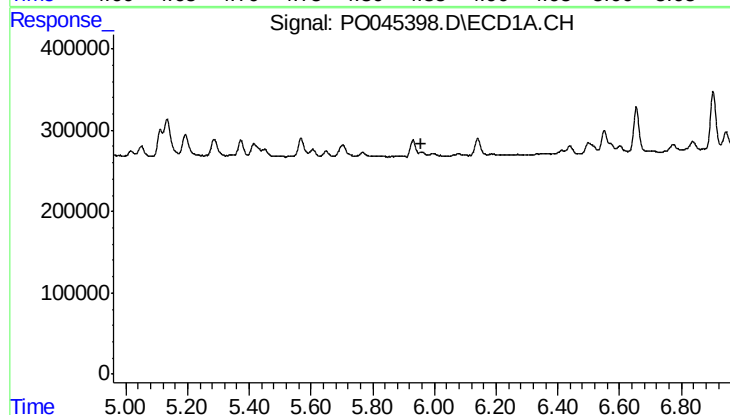
R.T.: 0.000 min
Exp R.T.: 5.705 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PB109914BSD



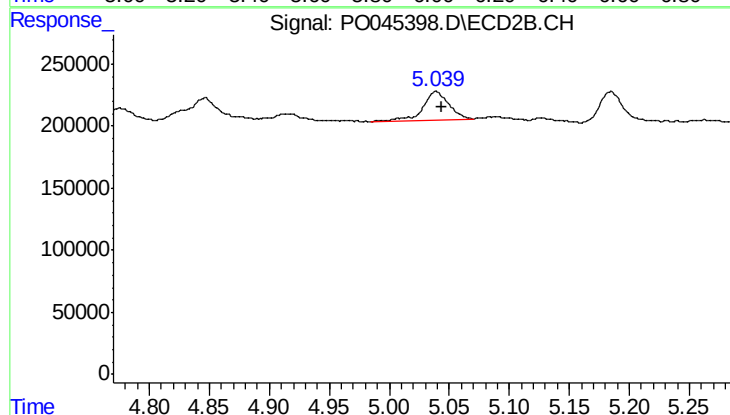
#22 AR-1248-2

R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 328866
Conc: 31.96 ng/ml



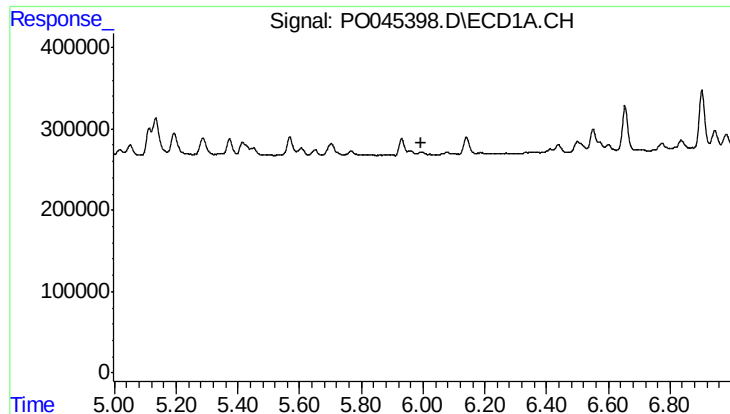
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T.: 5.959 min
Response: 0
Conc: N.D.



#23 AR-1248-3

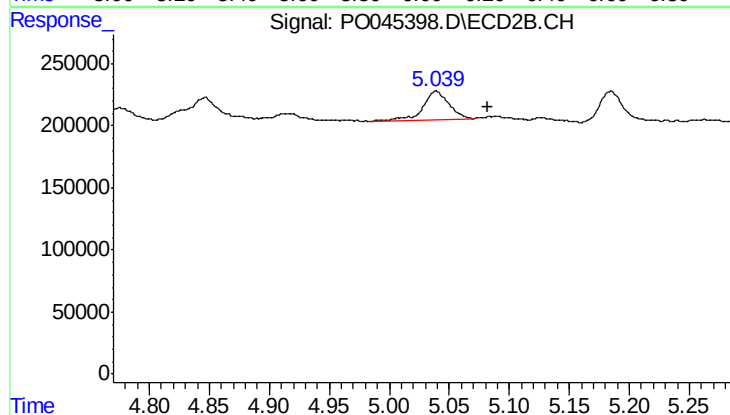
R.T.: 5.039 min
Delta R.T.: -0.005 min
Response: 333544
Conc: 20.74 ng/ml



#24 AR-1248-4

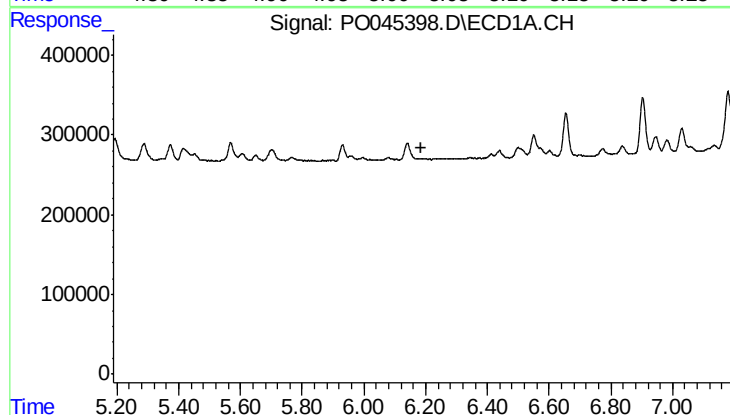
R.T.: 0.000 min
Exp R.T.: 5.996 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PB109914BSD



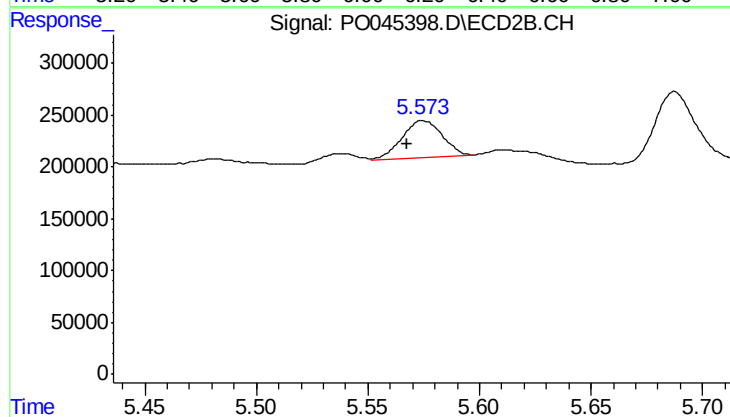
#24 AR-1248-4

R.T.: 5.039 min
Delta R.T.: -0.043 min
Response: 333544
Conc: 24.89 ng/ml



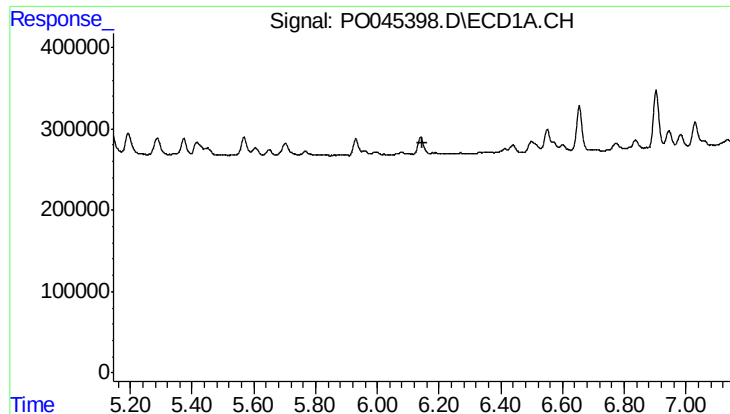
#25 AR-1248-5

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



#25 AR-1248-5

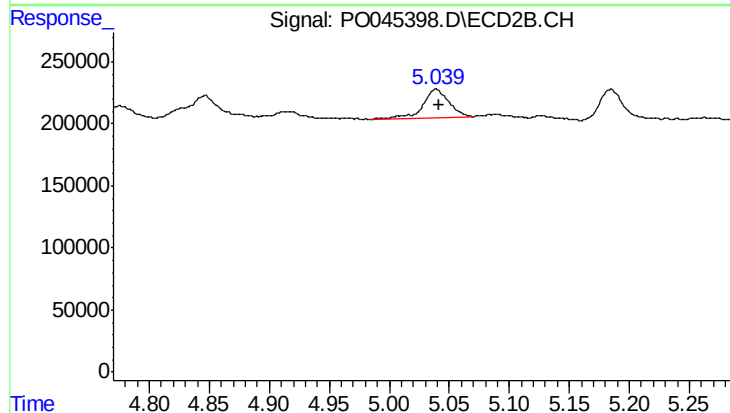
R.T.: 5.574 min
Delta R.T.: 0.007 min
Response: 441375
Conc: 61.35 ng/ml



#26 AR-1254-1

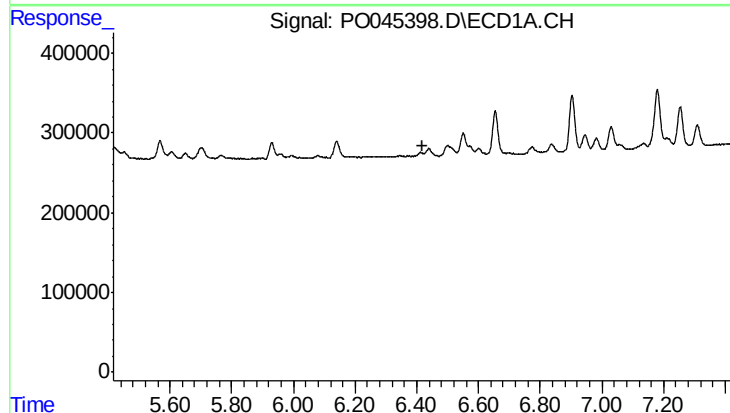
R.T.: 0.000 min
Exp R.T.: 6.145 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PB109914BSD



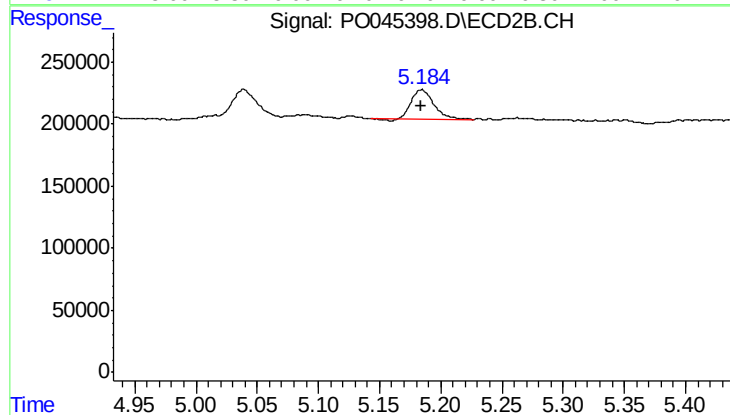
#26 AR-1254-1

R.T.: 5.039 min
Delta R.T.: -0.003 min
Response: 333544
Conc: 18.00 ng/ml



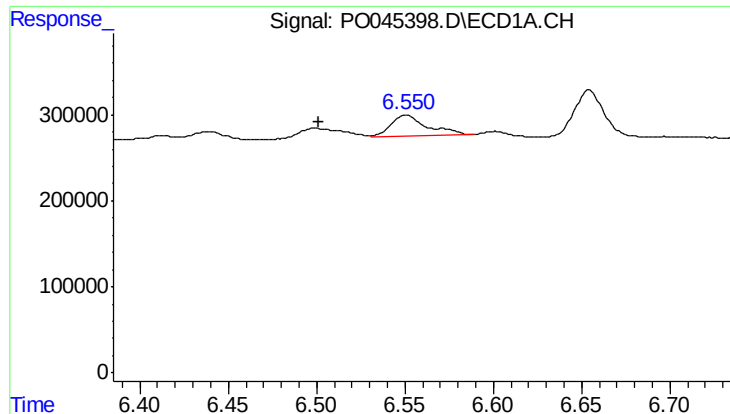
#27 AR-1254-2

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



#27 AR-1254-2

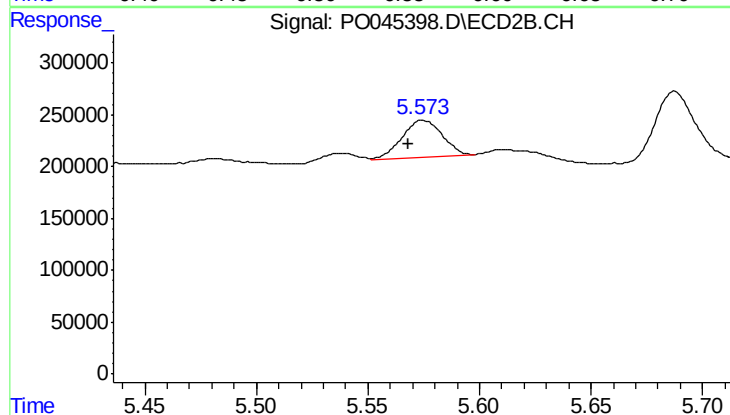
R.T.: 5.184 min
Delta R.T.: 0.000 min
Response: 293419
Conc: 18.20 ng/ml



#28 AR-1254-3

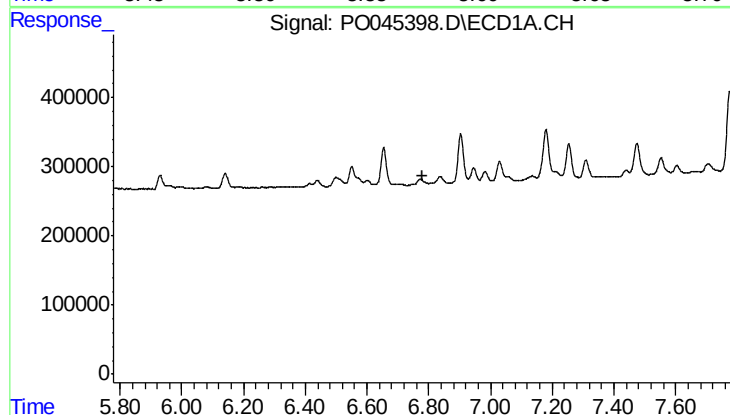
R.T.: 6.551 min
Delta R.T.: 0.049 min
Response: 340442
Conc: 21.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109914BSD



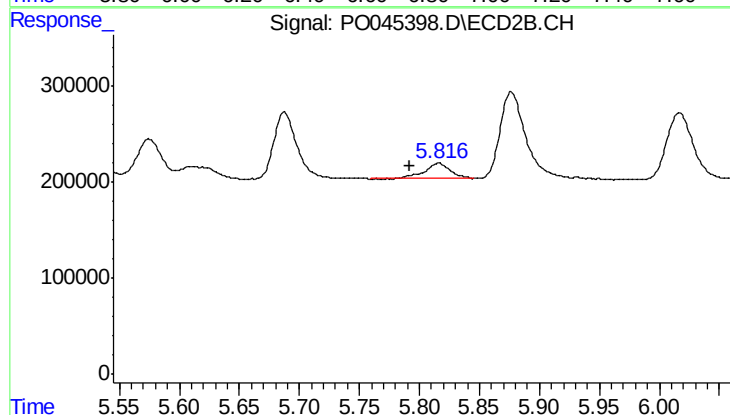
#28 AR-1254-3

R.T.: 5.574 min
Delta R.T.: 0.006 min
Response: 441375
Conc: 17.13 ng/ml



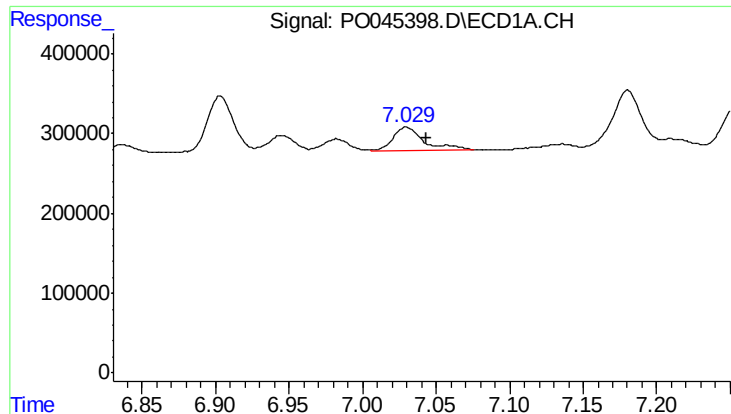
#29 AR-1254-4

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



#29 AR-1254-4

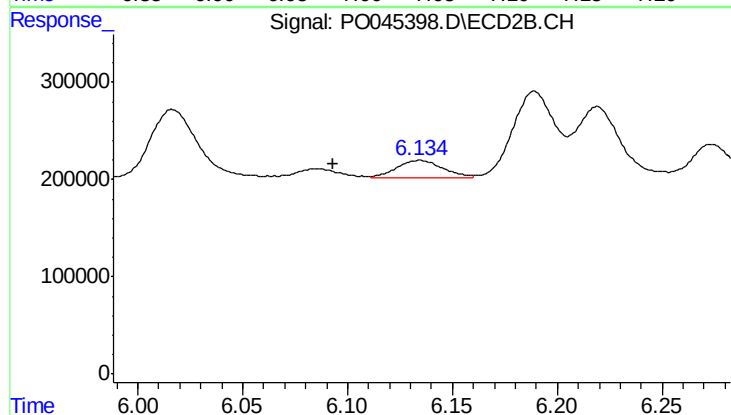
R.T.: 5.816 min
Delta R.T.: 0.024 min
Response: 246122
Conc: 12.36 ng/ml



#30 AR-1254-5

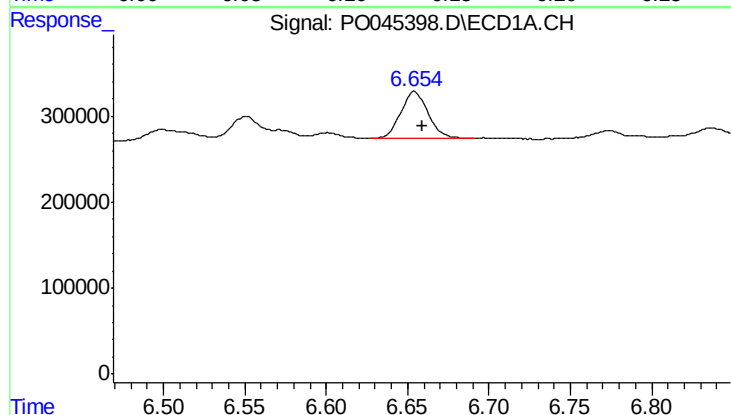
R.T.: 7.030 min
Delta R.T.: -0.014 min
Response: 422356
Conc: 44.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109914BSD



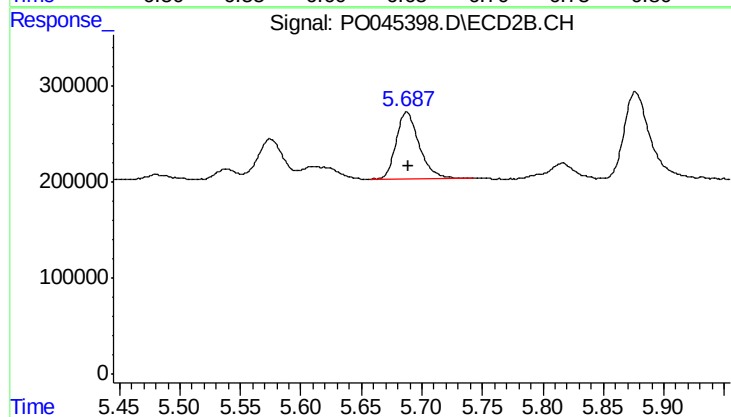
#30 AR-1254-5

R.T.: 6.134 min
Delta R.T.: 0.041 min
Response: 270028
Conc: 22.54 ng/ml



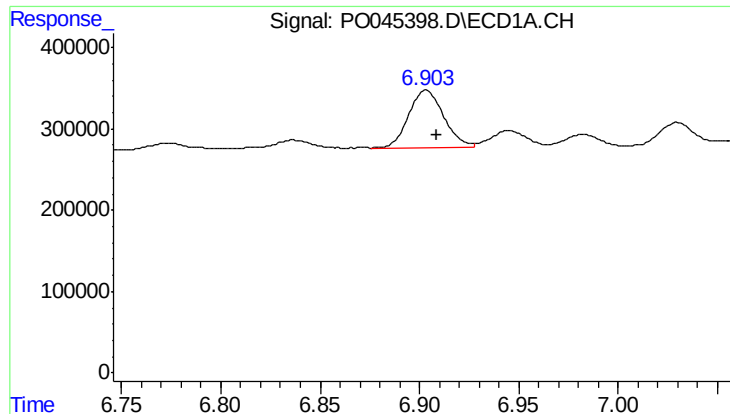
#31 AR-1260-1

R.T.: 6.654 min
Delta R.T.: -0.005 min
Response: 637330
Conc: 55.02 ng/ml



#31 AR-1260-1

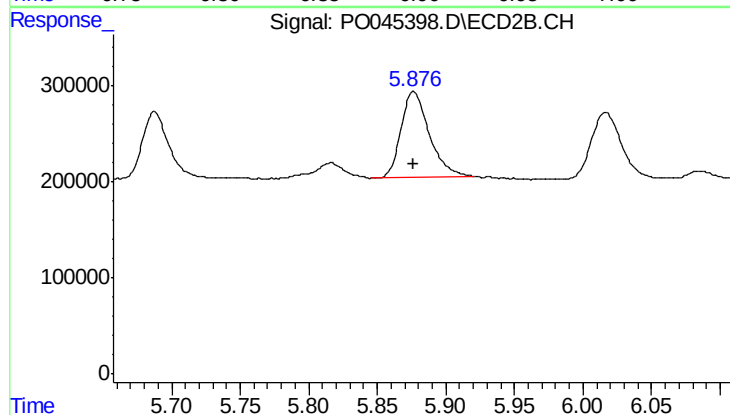
R.T.: 5.687 min
Delta R.T.: -0.002 min
Response: 923117
Conc: 56.40 ng/ml



#32 AR-1260-2

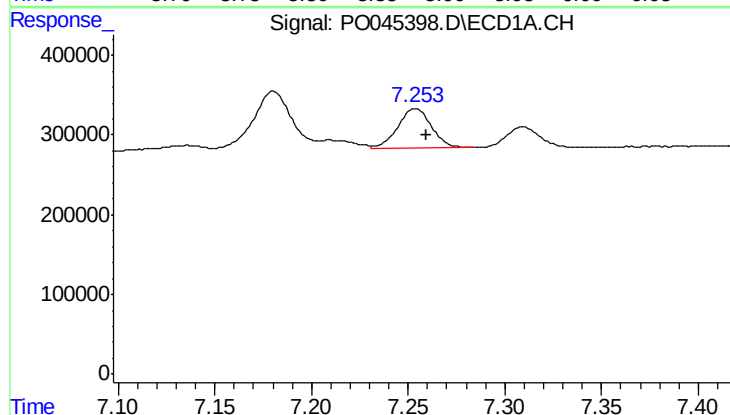
R.T.: 6.903 min
Delta R.T.: -0.005 min
Response: 863912
Conc: 56.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109914BSD



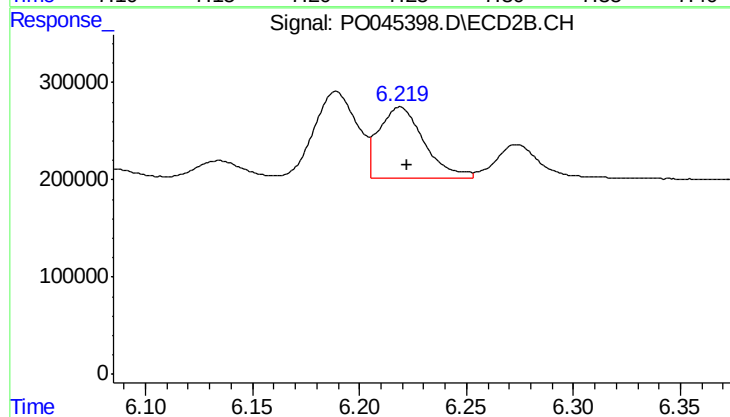
#32 AR-1260-2

R.T.: 5.877 min
Delta R.T.: 0.000 min
Response: 1282818
Conc: 60.72 ng/ml



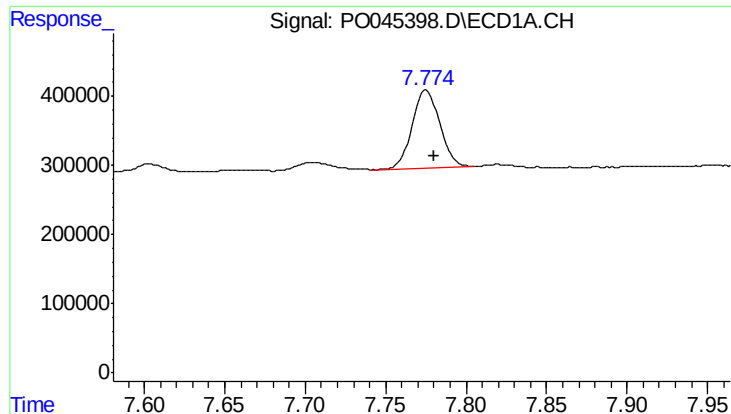
#33 AR-1260-3

R.T.: 7.254 min
Delta R.T.: -0.006 min
Response: 613991
Conc: 48.36 ng/ml



#33 AR-1260-3

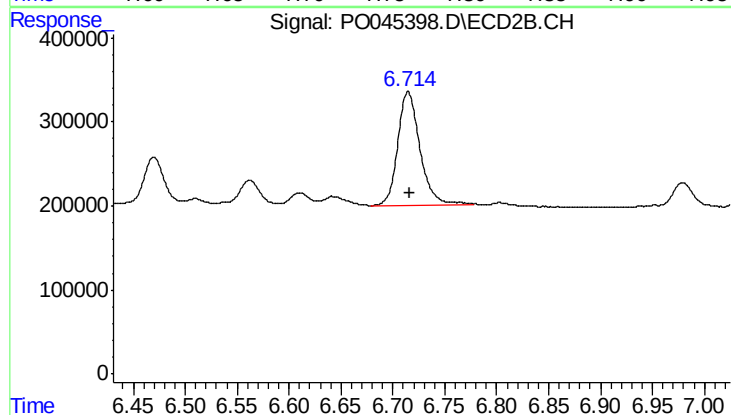
R.T.: 6.219 min
Delta R.T.: -0.003 min
Response: 1077832
Conc: 56.95 ng/ml



#34 AR-1260-4

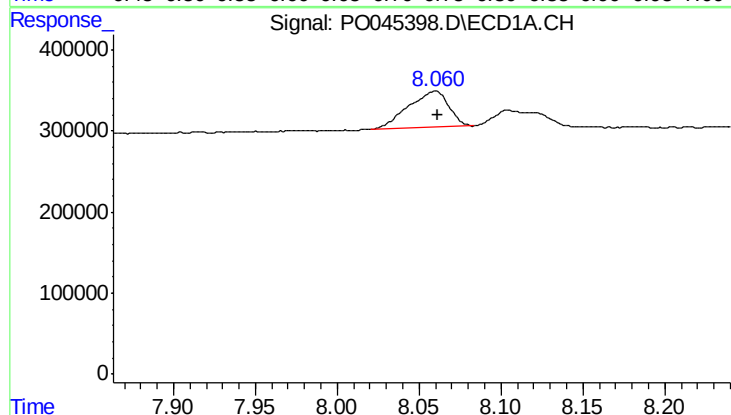
R.T.: 7.775 min
Delta R.T.: -0.005 min
Response: 1341442
Conc: 47.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109914BSD



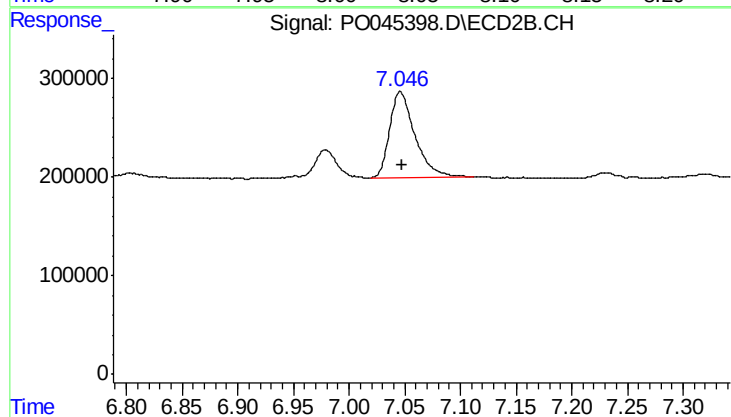
#34 AR-1260-4

R.T.: 6.714 min
Delta R.T.: -0.001 min
Response: 1990218
Conc: 50.55 ng/ml



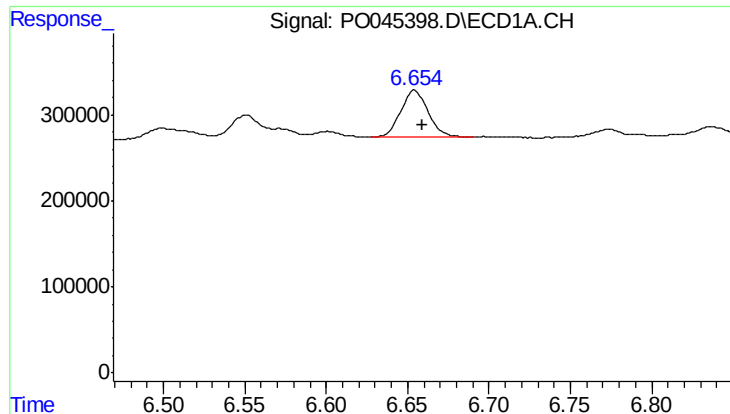
#35 AR-1260-5

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 766934
Conc: 45.84 ng/ml



#35 AR-1260-5

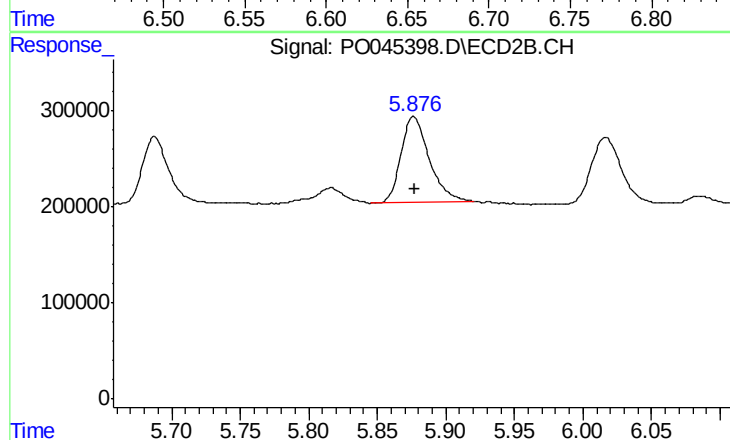
R.T.: 7.046 min
Delta R.T.: -0.002 min
Response: 1377576
Conc: 50.05 ng/ml



#36 AR-1262-1

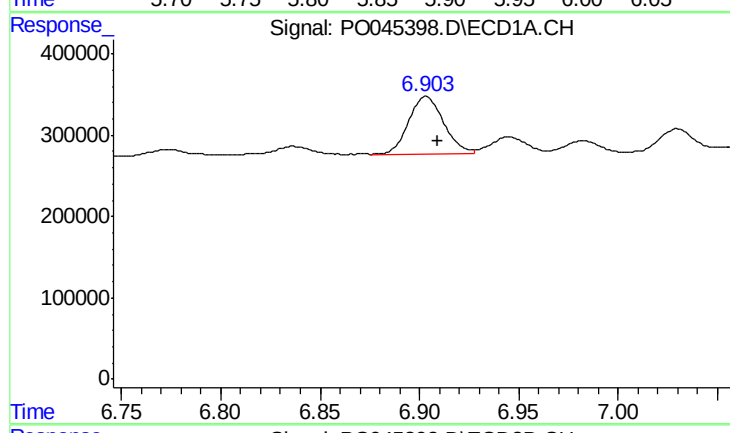
R.T.: 6.654 min
Delta R.T.: -0.005 min
Response: 637330
Conc: 58.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109914BSD



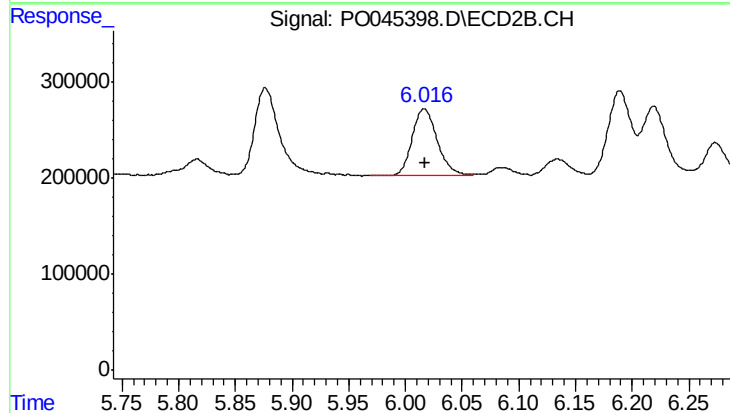
#36 AR-1262-1

R.T.: 5.877 min
Delta R.T.: 0.000 min
Response: 1282818
Conc: 67.77 ng/ml



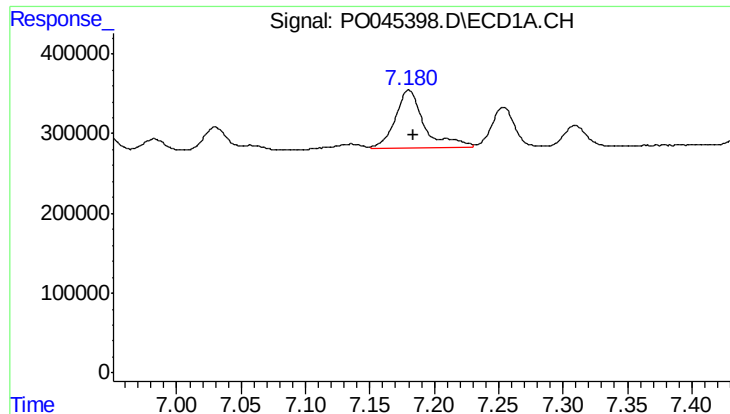
#37 AR-1262-2

R.T.: 6.903 min
Delta R.T.: -0.006 min
Response: 863912
Conc: 62.81 ng/ml



#37 AR-1262-2

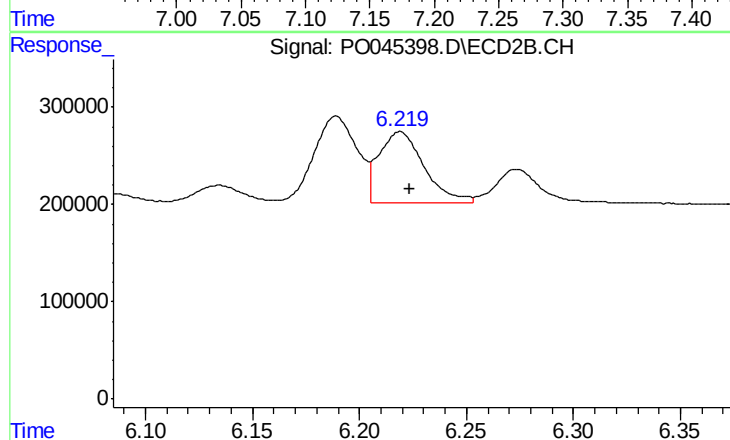
R.T.: 6.017 min
Delta R.T.: -0.001 min
Response: 1075127
Conc: 58.59 ng/ml



#38 AR-1262-3

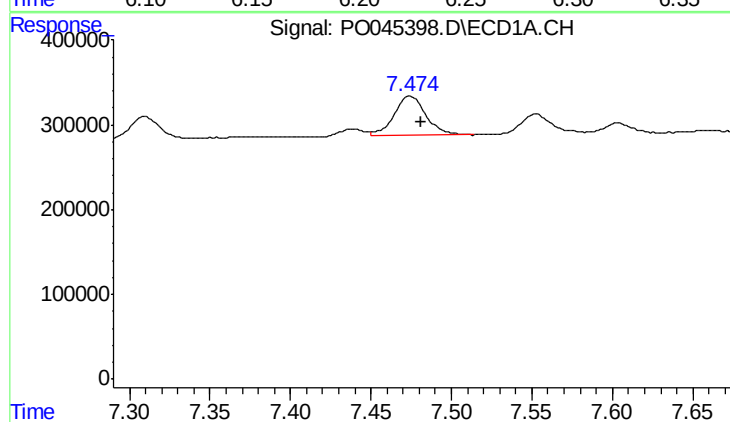
R.T.: 7.180 min
Delta R.T.: -0.003 min
Response: 1145655
Conc: 89.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109914BSD



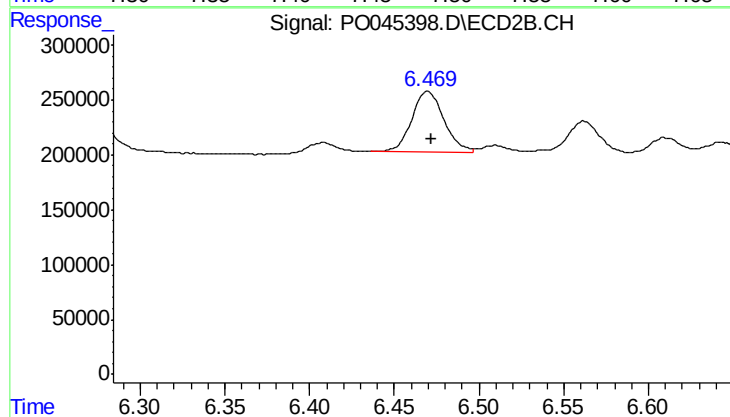
#38 AR-1262-3

R.T.: 6.219 min
Delta R.T.: -0.004 min
Response: 1077832
Conc: 35.15 ng/ml



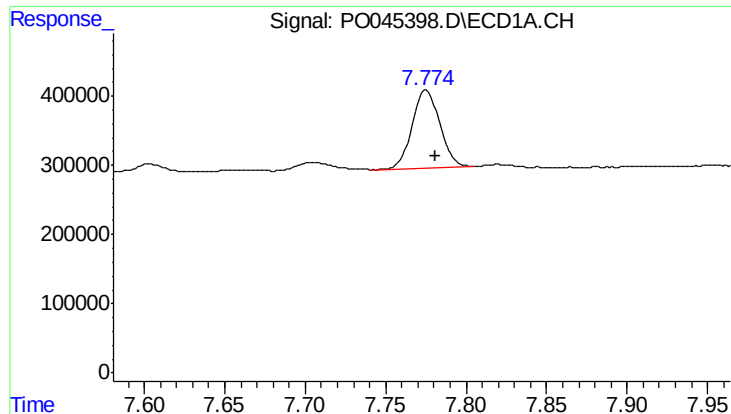
#39 AR-1262-4

R.T.: 7.474 min
Delta R.T.: -0.007 min
Response: 649378
Conc: 37.81 ng/ml



#39 AR-1262-4

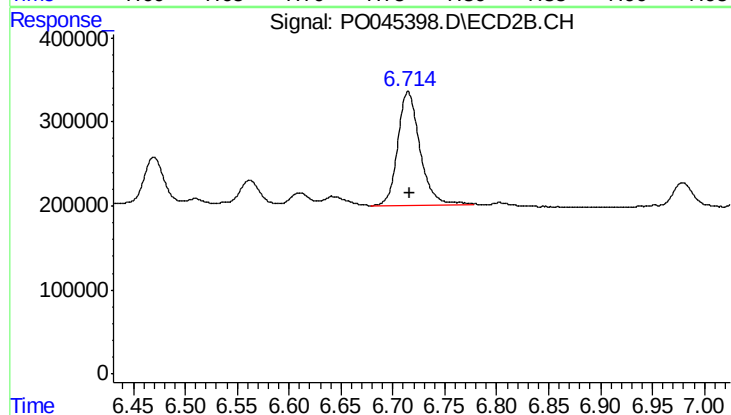
R.T.: 6.470 min
Delta R.T.: -0.002 min
Response: 728994
Conc: 28.93 ng/ml



#40 AR-1262-5

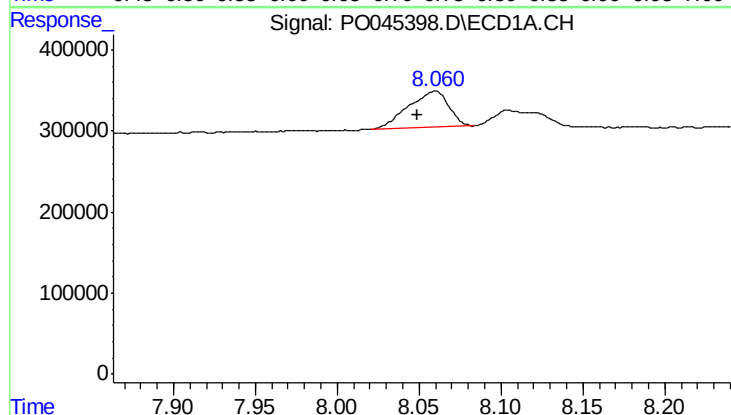
R.T.: 7.775 min
Delta R.T.: -0.006 min
Response: 1341442
Conc: 36.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109914BSD



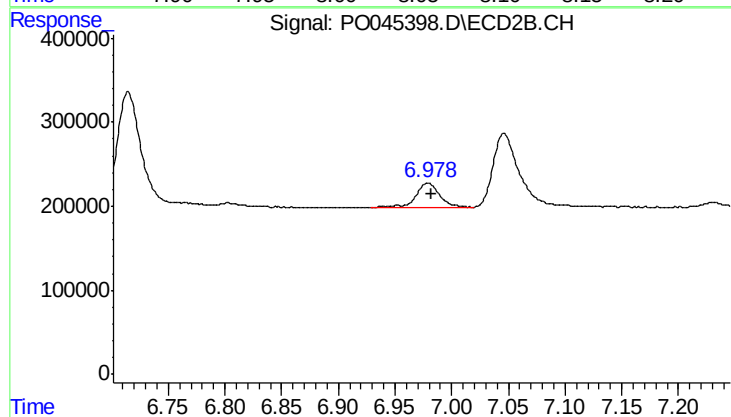
#40 AR-1262-5

R.T.: 6.714 min
Delta R.T.: -0.002 min
Response: 1990218
Conc: 36.52 ng/ml



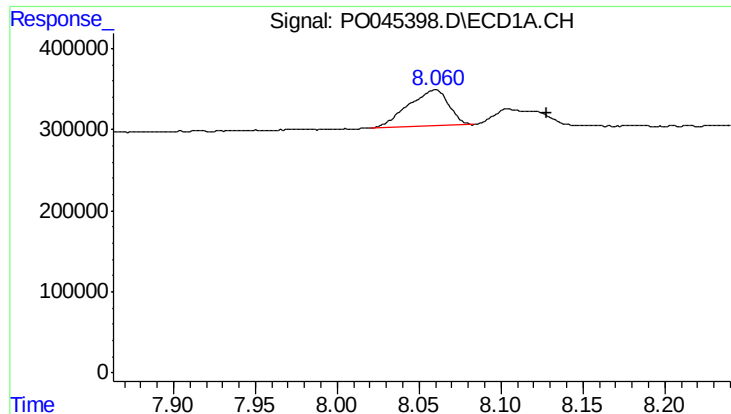
#41 AR-1268-1

R.T.: 8.060 min
Delta R.T.: 0.011 min
Response: 766934
Conc: 20.14 ng/ml



#41 AR-1268-1

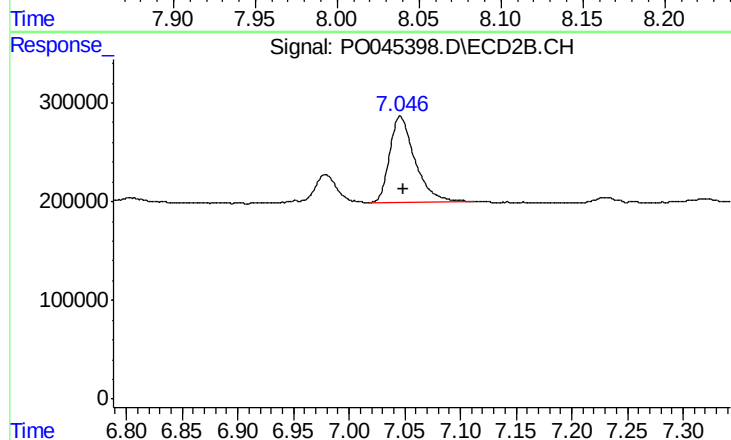
R.T.: 6.979 min
Delta R.T.: -0.004 min
Response: 406139
Conc: 7.36 ng/ml



#42 AR-1268-2

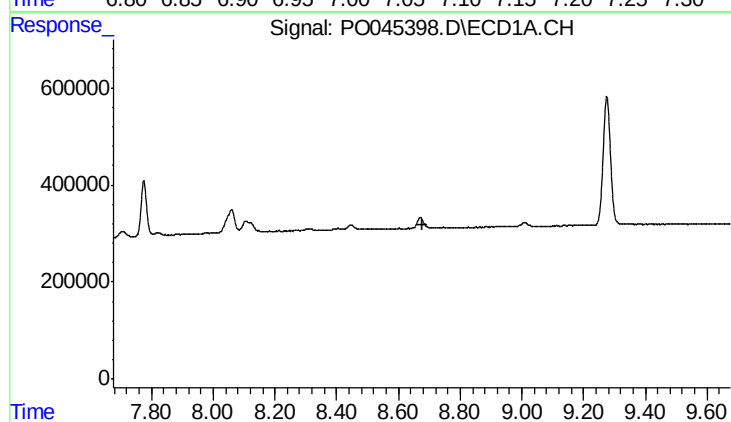
R.T.: 8.060 min
Delta R.T.: -0.068 min
Response: 766934
Conc: 22.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109914BSD



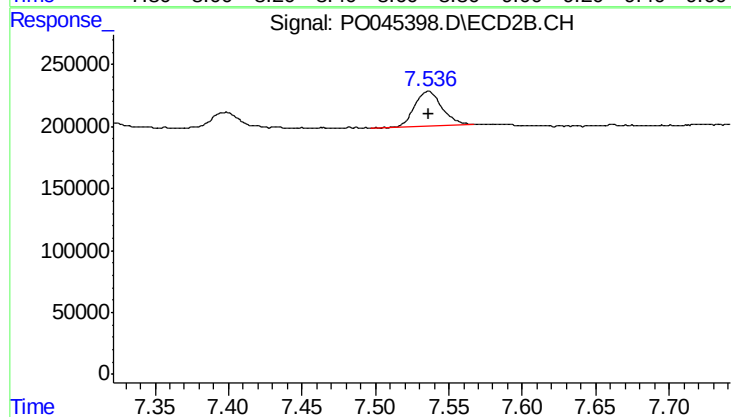
#42 AR-1268-2

R.T.: 7.046 min
Delta R.T.: -0.003 min
Response: 1377576
Conc: 26.98 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.: 7.536 min
Delta R.T.: 0.000 min
Response: 361121
Conc: 20.75 ng/ml