

Data Path : P:\HPCHEM1\ECD_0\Data\P0053118\
 Data File : P0045234.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 30 May 2018 19:59
 Operator : SM/UA
 Sample : PB109762BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB109762BSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 31 01:05:14 2018
 Quant Method : P:\HPCHEM1\ECD_0\methods\P0053018.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 30 13:03:58 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...	3.999	3.275	4688313	6312973	22.446	22.767
2) SA Decachlor...	9.281	7.995	4349731	5252477	18.939	18.636
Target Compounds						
3) L1 AR-1016-1	4.857	4.079	338578	471265	64.112	68.192
4) L1 AR-1016-2	5.193	4.508	464928	265737	69.674	45.066 #
5) L1 AR-1016-3	5.287	4.546	345155	249290	61.685	35.584 #
6) L1 AR-1016-4	0.000	4.709	0	511732	N.D.	68.737 #
7) L1 AR-1016-5	5.932	5.039	325712	345038	64.819	46.019 #
9) L2 AR-1221-2	0.000	3.625	0	297239	N.D.	79.299 #
10) L2 AR-1221-3	0.000	3.625	0	297239	N.D.	24.046 #
11) L3 AR-1232-1	0.000	3.625	0	297239	N.D.	51.189 #
12) L3 AR-1232-2	5.114	4.301	435744	1699249	132.338	134.526
13) L3 AR-1232-3	5.134	4.357	814377	653435	142.732	125.344
14) L3 AR-1232-4	5.193	4.468	464928	376362	135.853	98.737 #
15) L3 AR-1232-5	5.287	4.546	345155	249290	128.443	73.702 #
16) L4 AR-1242-1	4.673	4.079	212553	471265	53.259	84.198 #
17) L4 AR-1242-2	5.134	4.301	814377	1699249	89.644	83.046
18) L4 AR-1242-3	5.287	4.468	345155	376362	77.599	61.236
19) L4 AR-1242-4	5.569	4.546	245618	249290	56.593	41.672 #
20) L4 AR-1242-5	0.000	4.709	0	511732	N.D.	78.428 #
21) L5 AR-1248-1	5.569	4.709	245618	511732	34.631	48.214 #
22) L5 AR-1248-2	0.000	4.845	0	422510	N.D.	41.061 #
23) L5 AR-1248-3	5.932	5.039	325712	345038	37.567	21.457 #
24) L5 AR-1248-4	5.932	5.039	325712	345038	36.793	25.752 #
25) L5 AR-1248-5	6.142	5.575	292976	772980	52.464	107.437 #
26) L6 AR-1254-1	6.142	5.039	292976	345038	21.184	18.831
27) L6 AR-1254-2	0.000	5.183	0	374086	N.D.	23.351 #
28) L6 AR-1254-3	6.554	5.575	364476	772980	23.132	30.001 #
29) L6 AR-1254-4	0.000	5.815	0	323991	N.D.	16.271 #
30) L6 AR-1254-5	7.032	6.084	444658	232284	46.494	19.517 #
31) L7 AR-1260-1	6.656	5.688	703615	1132817	60.745	69.209
32) L7 AR-1260-2	6.906	5.876	923065	1555390	60.661	73.619
33) L7 AR-1260-3	7.257	6.219	655632	1136745	51.643	60.058
34) L7 AR-1260-4	7.778	6.714	1424225	2219752	50.134	56.380
35) L7 AR-1260-5	8.062	7.046	819963	1482431	49.013	53.860
36) L8 AR-1262-1	6.656	5.876	703615	1555390	64.629	82.168 #
37) L8 AR-1262-2	6.906	6.016	923065	1236229	67.106	67.365
38) L8 AR-1262-3	7.183	6.219	1077752	1136745	84.577	37.072 #
39) L8 AR-1262-4	7.477	6.469	676720	861053	39.398	34.171

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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	7.778	6.714	1424225	2219752	38.540	40.736
41) L9	AR-1268-1	8.062	6.980	819963	402551	21.528	7.296 #
42) L9	AR-1268-2	8.062	7.046	819963	1482431	24.067	29.032
44) L9	AR-1268-4	0.000	7.534	0	409064	N.D.	23.504 #

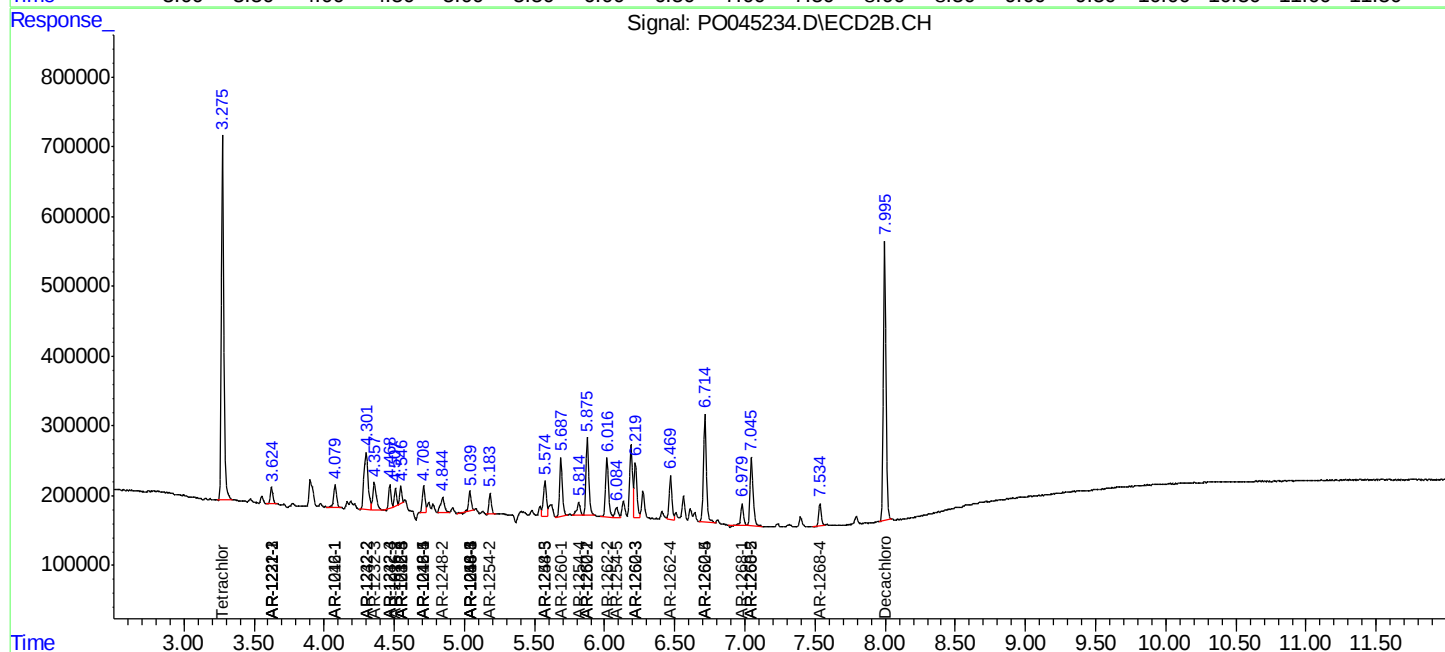
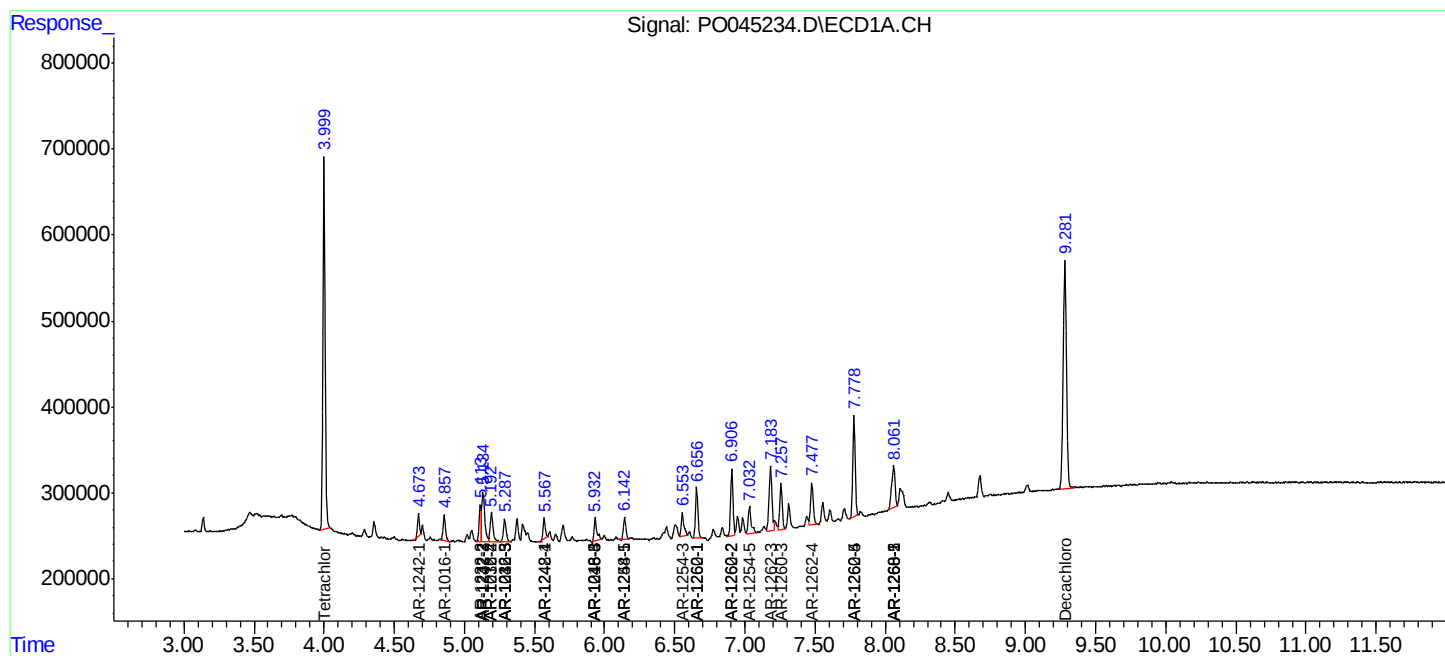
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

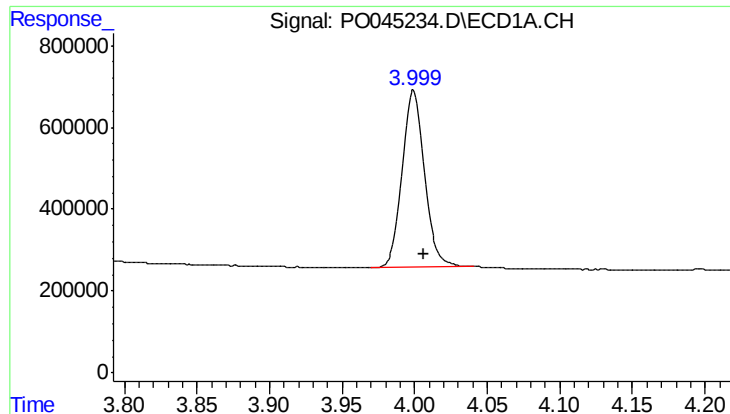
Data Path : P:\HPCHEM1\ECD_0\Data\PO053118\
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Volume Inj. : 2 µl
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

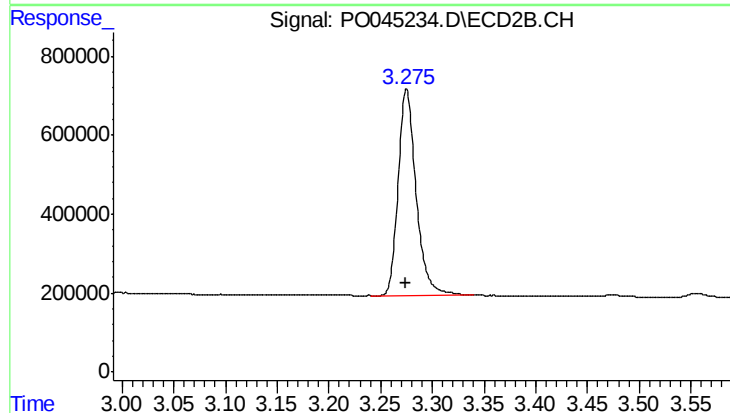




#1 Tetrachloro-m-xylene

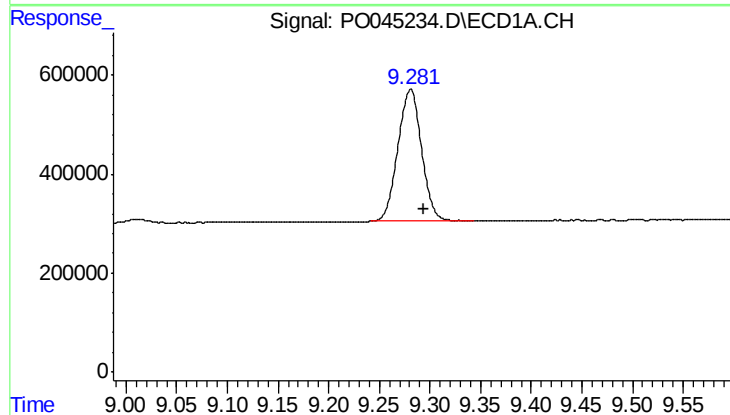
R.T.: 3.999 min
Delta R.T.: -0.007 min
Response: 4688313
Conc: 22.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109762BSD



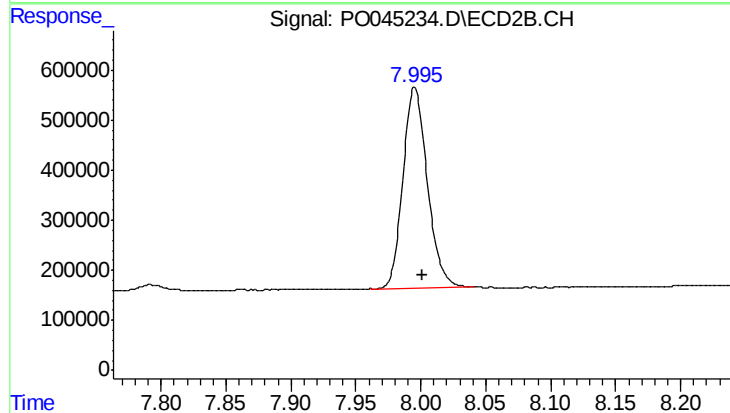
#1 Tetrachloro-m-xylene

R.T.: 3.275 min
Delta R.T.: 0.000 min
Response: 6312973
Conc: 22.77 ng/ml



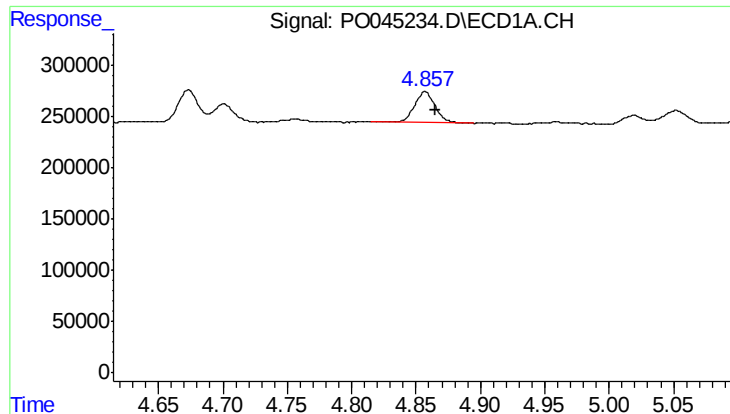
#2 Decachlorobiphenyl

R.T.: 9.281 min
Delta R.T.: -0.013 min
Response: 4349731
Conc: 18.94 ng/ml



#2 Decachlorobiphenyl

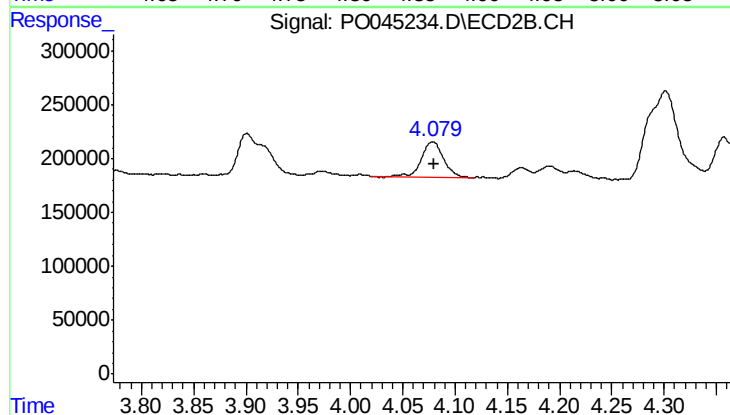
R.T.: 7.995 min
Delta R.T.: -0.006 min
Response: 5252477
Conc: 18.64 ng/ml



#3 AR-1016-1

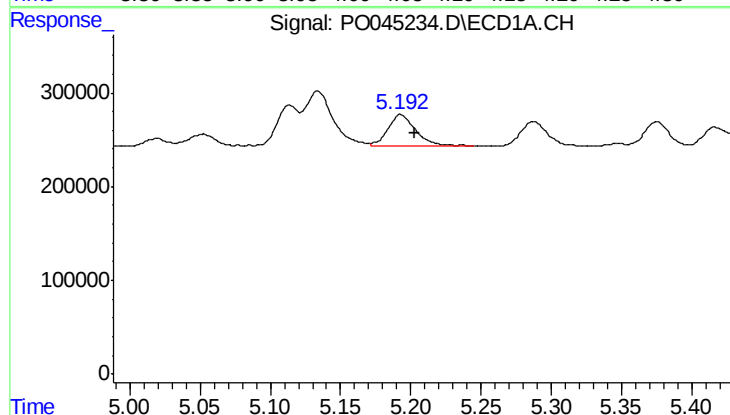
R.T.: 4.857 min
Delta R.T.: -0.008 min
Response: 338578
Conc: 64.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109762BSD



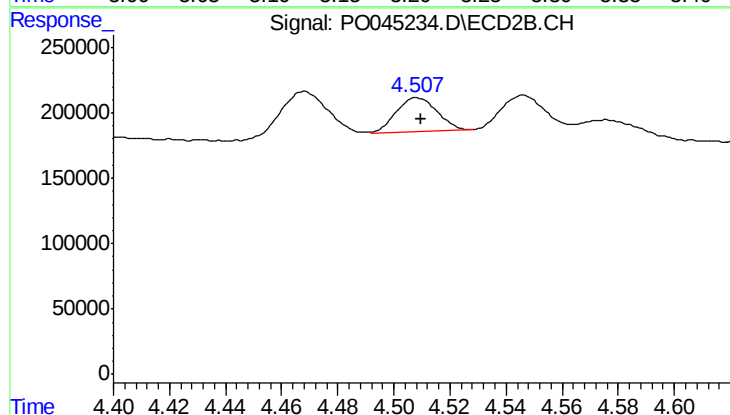
#3 AR-1016-1

R.T.: 4.079 min
Delta R.T.: -0.002 min
Response: 471265
Conc: 68.19 ng/ml



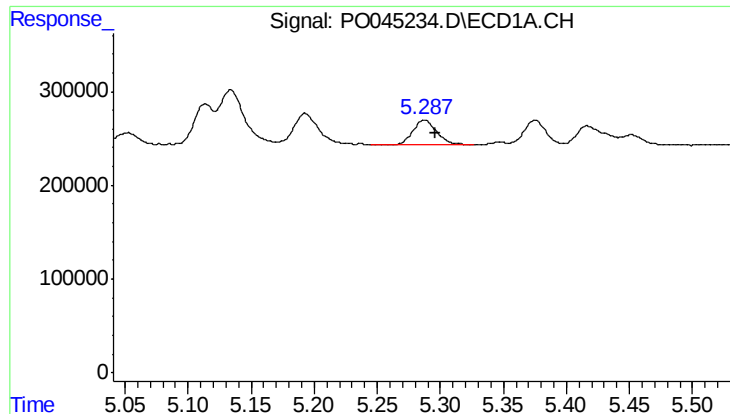
#4 AR-1016-2

R.T.: 5.193 min
Delta R.T.: -0.010 min
Response: 464928
Conc: 69.67 ng/ml



#4 AR-1016-2

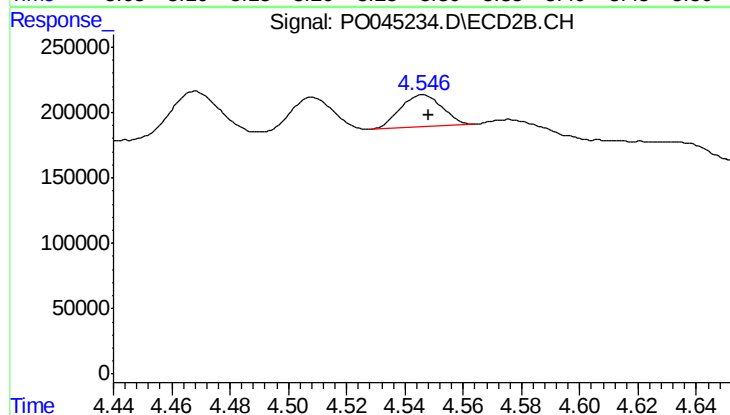
R.T.: 4.508 min
Delta R.T.: -0.001 min
Response: 265737
Conc: 45.07 ng/ml



#5 AR-1016-3

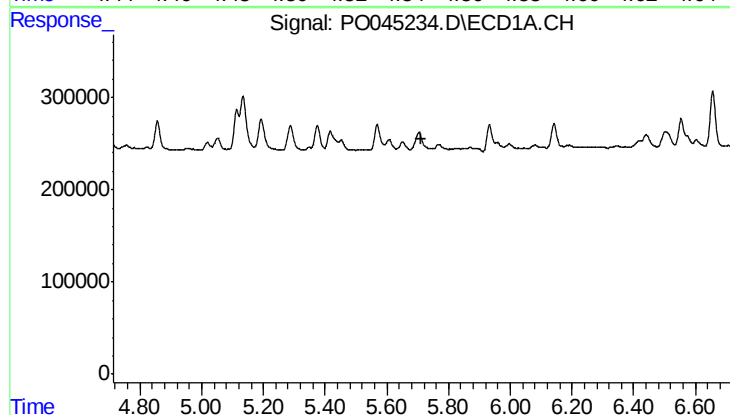
R.T.: 5.287 min
Delta R.T.: -0.009 min
Response: 345155
Conc: 61.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109762BSD



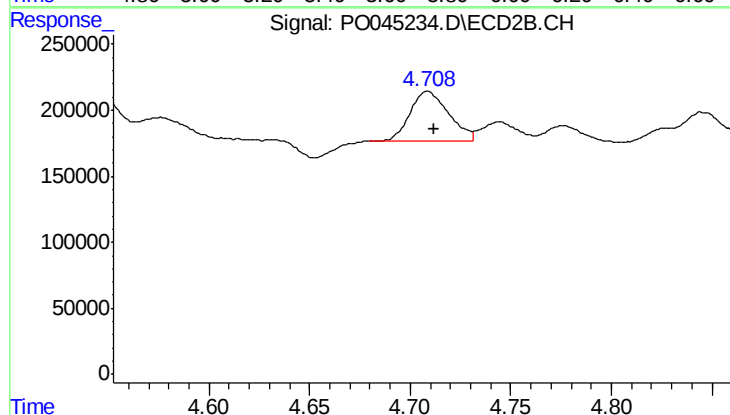
#5 AR-1016-3

R.T.: 4.546 min
Delta R.T.: -0.002 min
Response: 249290
Conc: 35.58 ng/ml



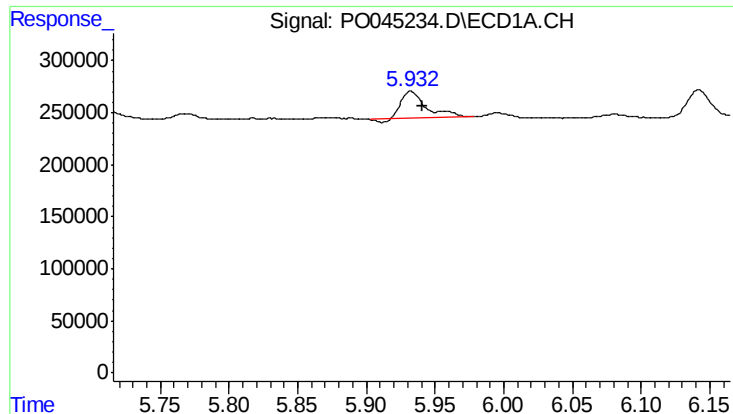
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.713 min
Response: 0
Conc: N.D.



#6 AR-1016-4

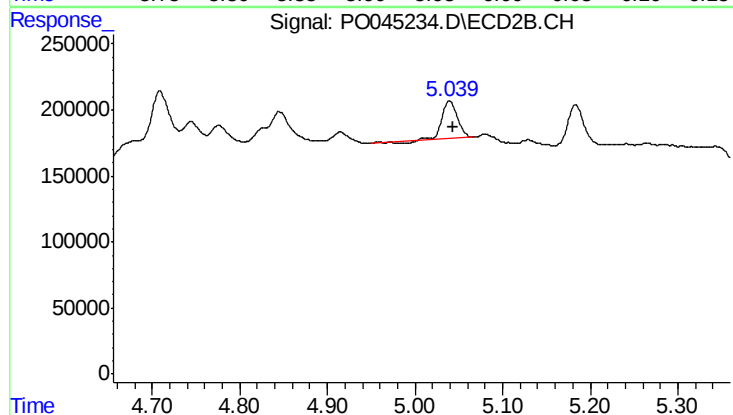
R.T.: 4.709 min
Delta R.T.: -0.003 min
Response: 511732
Conc: 68.74 ng/ml



#7 AR-1016-5

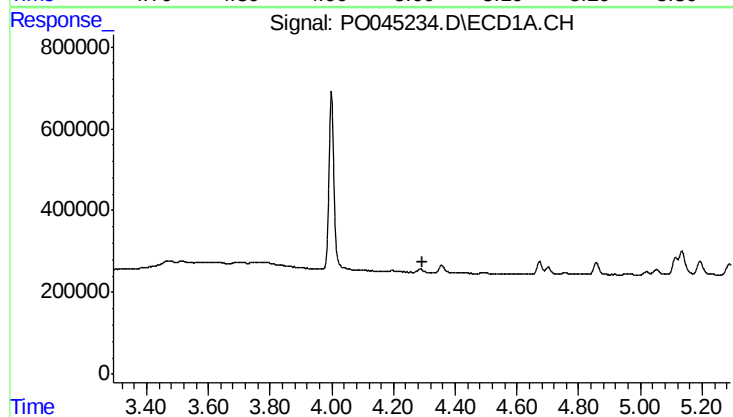
R.T.: 5.932 min
Delta R.T.: -0.008 min
Response: 325712
Conc: 64.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109762BSD



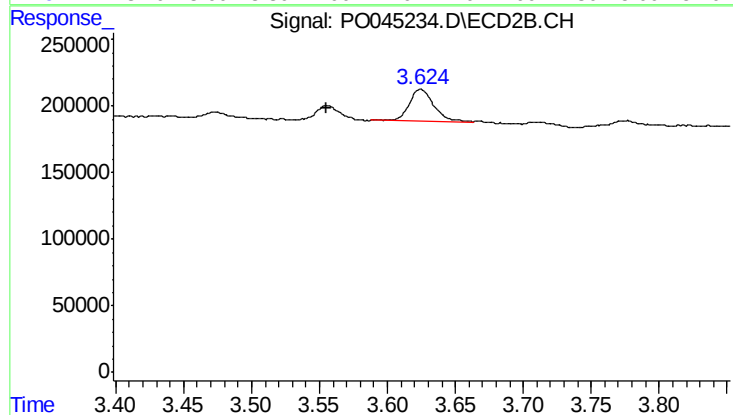
#7 AR-1016-5

R.T.: 5.039 min
Delta R.T.: -0.004 min
Response: 345038
Conc: 46.02 ng/ml



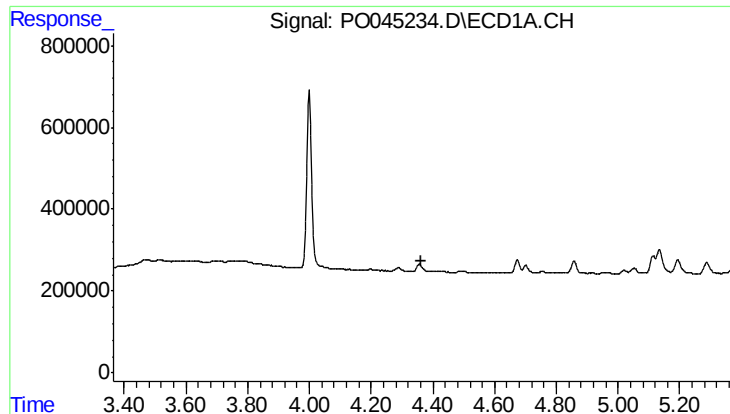
#9 AR-1221-2

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



#9 AR-1221-2

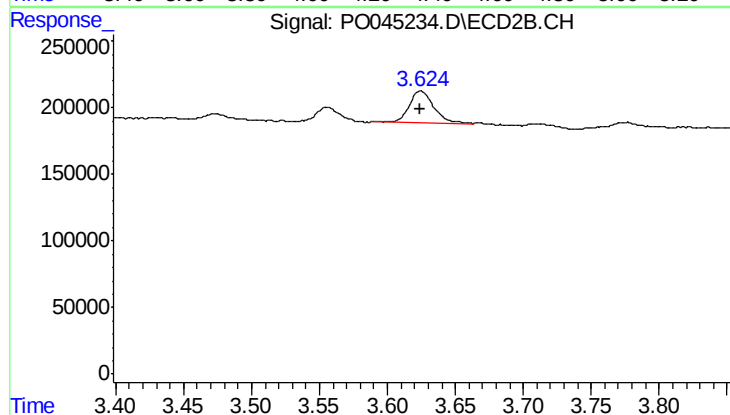
R.T.: 3.625 min
Delta R.T.: 0.070 min
Response: 297239
Conc: 79.30 ng/ml



#10 AR-1221-3

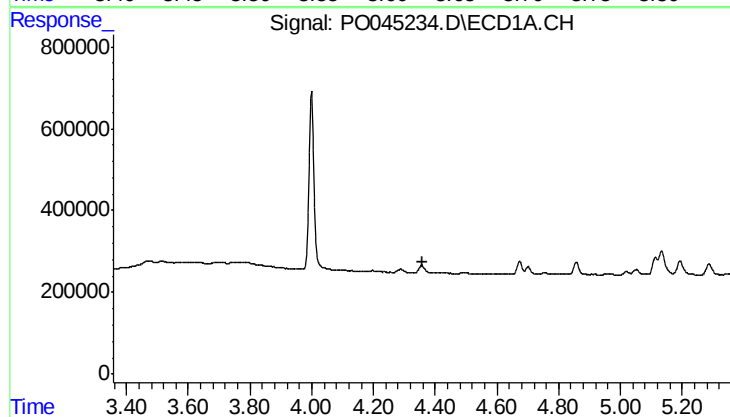
R.T.: 0.000 min
Exp R.T.: 4.364 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PB109762BSD



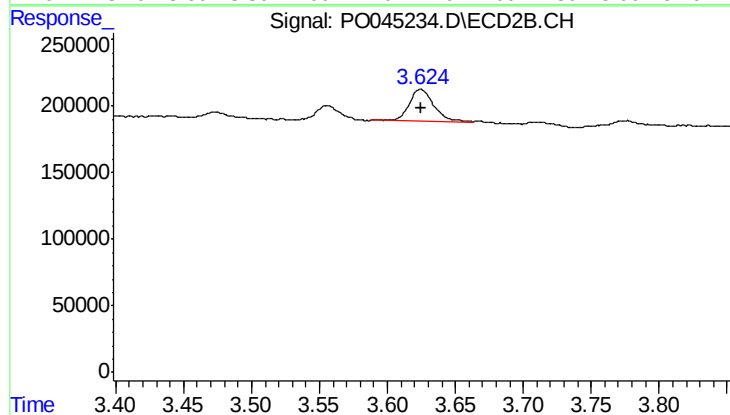
#10 AR-1221-3

R.T.: 3.625 min
Delta R.T.: 0.000 min
Response: 297239
Conc: 24.05 ng/ml



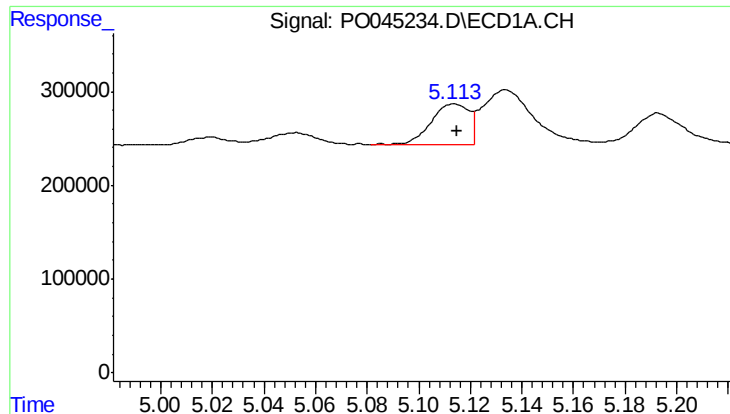
#11 AR-1232-1

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



#11 AR-1232-1

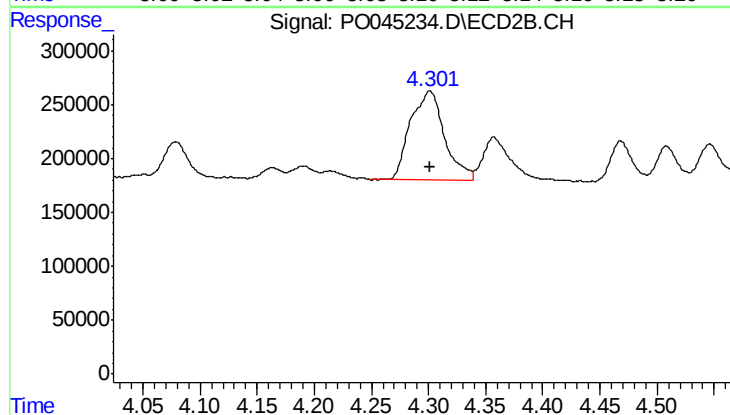
R.T.: 3.625 min
Delta R.T.: 0.000 min
Response: 297239
Conc: 51.19 ng/ml



#12 AR-1232-2

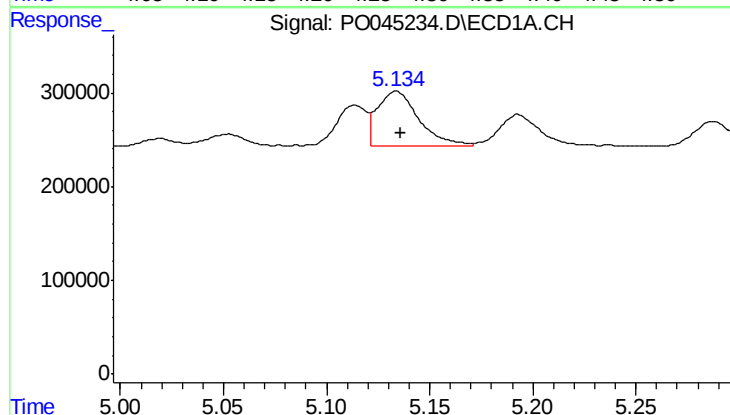
R.T.: 5.114 min
Delta R.T.: -0.001 min
Response: 435744
Conc: 132.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109762BSD



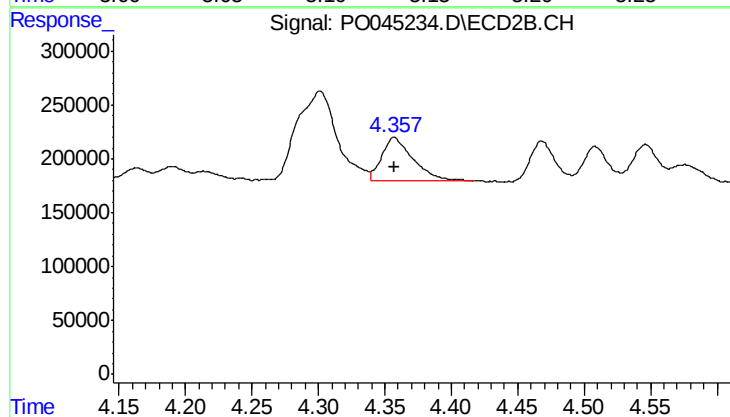
#12 AR-1232-2

R.T.: 4.301 min
Delta R.T.: 0.000 min
Response: 1699249
Conc: 134.53 ng/ml



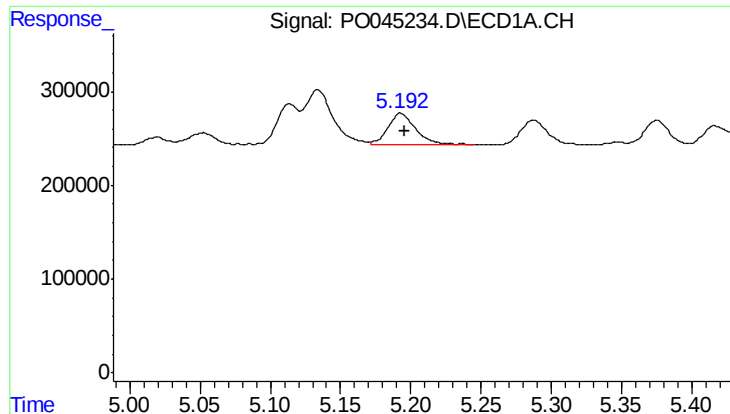
#13 AR-1232-3

R.T.: 5.134 min
Delta R.T.: -0.002 min
Response: 814377
Conc: 142.73 ng/ml



#13 AR-1232-3

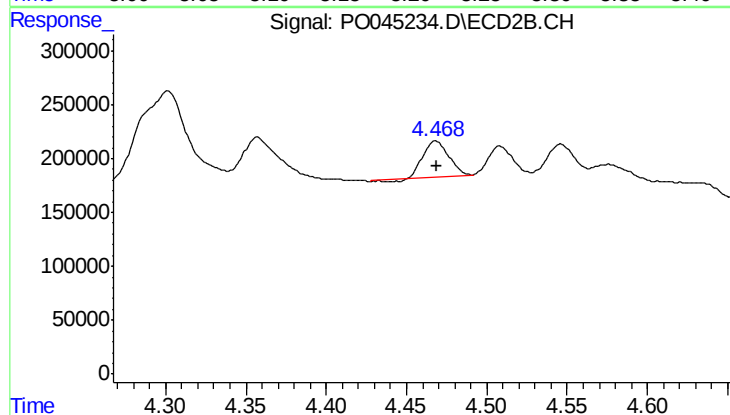
R.T.: 4.357 min
Delta R.T.: 0.000 min
Response: 653435
Conc: 125.34 ng/ml



#14 AR-1232-4

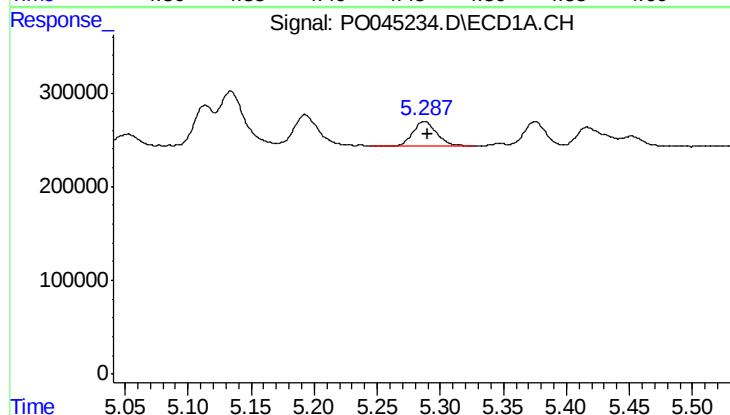
R.T.: 5.193 min
Delta R.T.: -0.003 min
Response: 464928
Conc: 135.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
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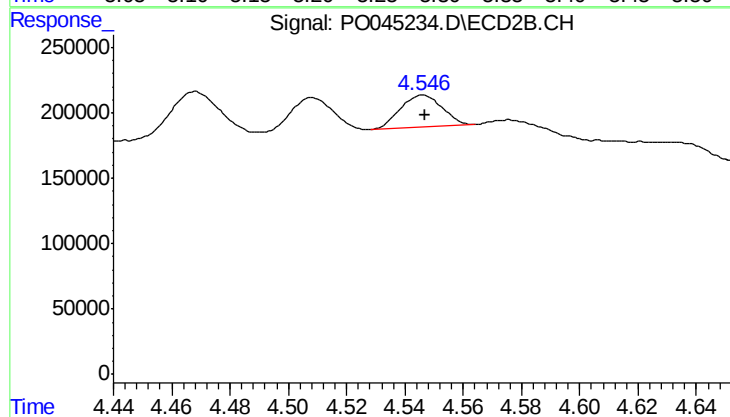
#14 AR-1232-4

R.T.: 4.468 min
Delta R.T.: 0.000 min
Response: 376362
Conc: 98.74 ng/ml



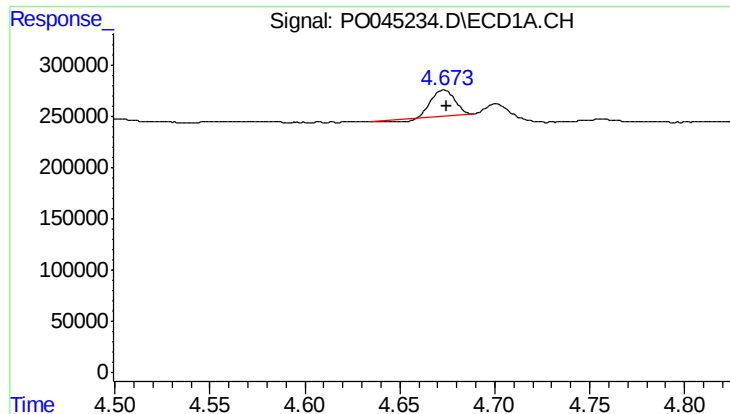
#15 AR-1232-5

R.T.: 5.287 min
Delta R.T.: -0.003 min
Response: 345155
Conc: 128.44 ng/ml



#15 AR-1232-5

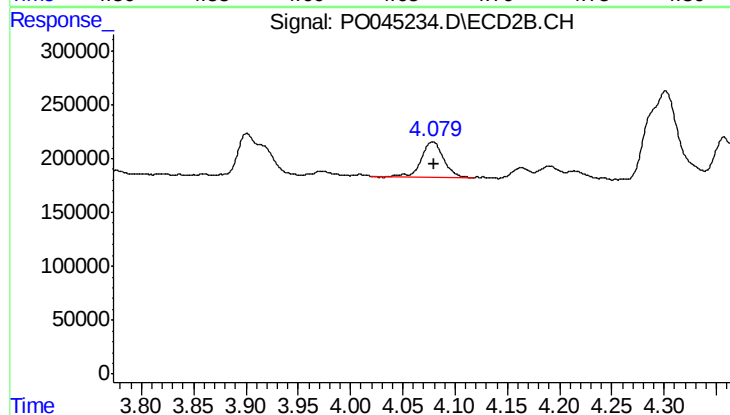
R.T.: 4.546 min
Delta R.T.: 0.000 min
Response: 249290
Conc: 73.70 ng/ml



#16 AR-1242-1

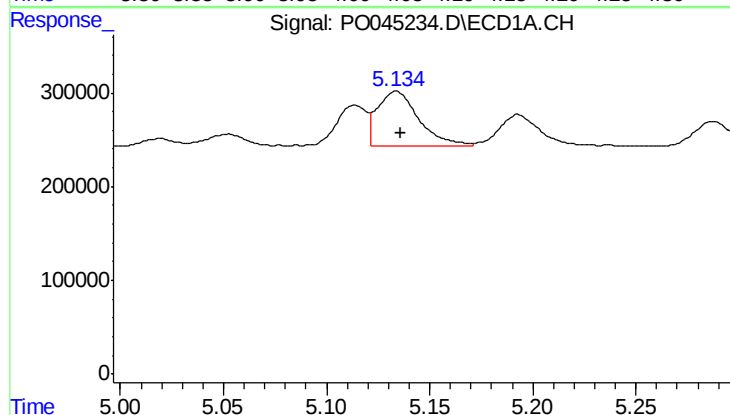
R.T.: 4.673 min
Delta R.T.: -0.001 min
Response: 212553
Conc: 53.26 ng/ml

Instrument :
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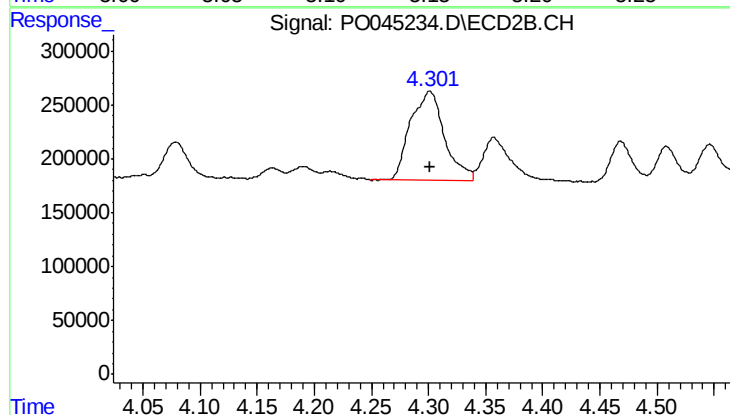
#16 AR-1242-1

R.T.: 4.079 min
Delta R.T.: 0.000 min
Response: 471265
Conc: 84.20 ng/ml



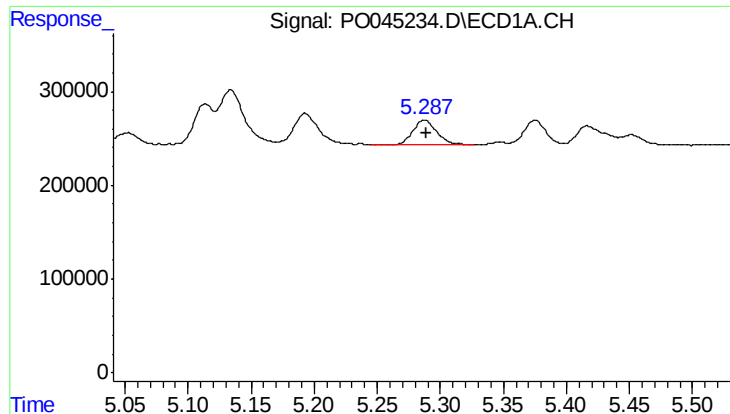
#17 AR-1242-2

R.T.: 5.134 min
Delta R.T.: -0.002 min
Response: 814377
Conc: 89.64 ng/ml



#17 AR-1242-2

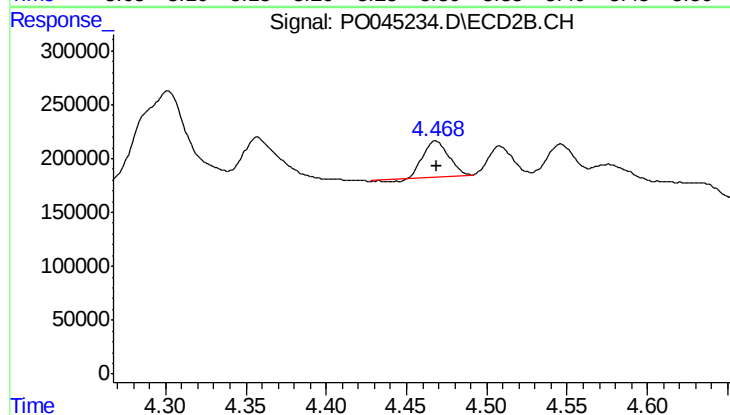
R.T.: 4.301 min
Delta R.T.: 0.000 min
Response: 1699249
Conc: 83.05 ng/ml



#18 AR-1242-3

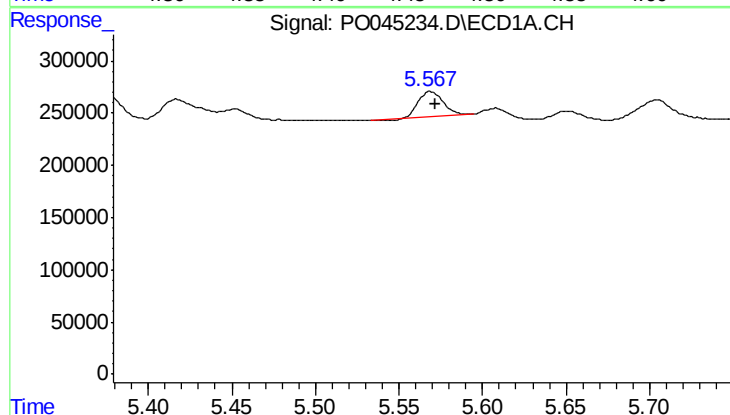
R.T.: 5.287 min
Delta R.T.: -0.002 min
Response: 345155
Conc: 77.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109762BSD



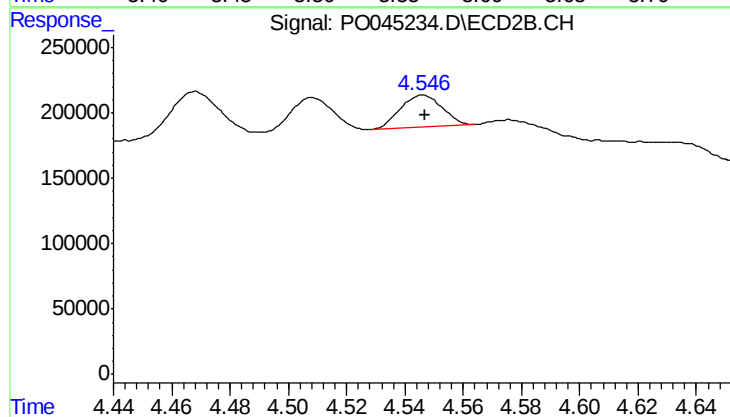
#18 AR-1242-3

R.T.: 4.468 min
Delta R.T.: 0.000 min
Response: 376362
Conc: 61.24 ng/ml



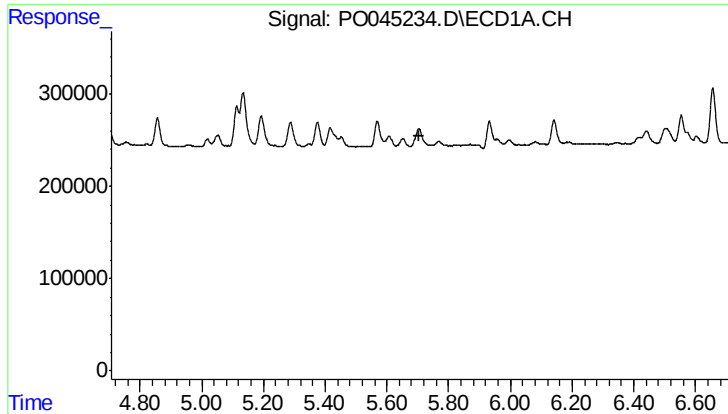
#19 AR-1242-4

R.T.: 5.569 min
Delta R.T.: -0.003 min
Response: 245618
Conc: 56.59 ng/ml



#19 AR-1242-4

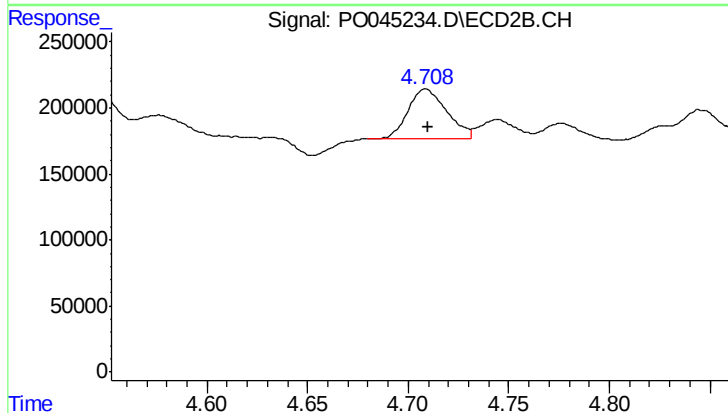
R.T.: 4.546 min
Delta R.T.: 0.000 min
Response: 249290
Conc: 41.67 ng/ml



#20 AR-1242-5

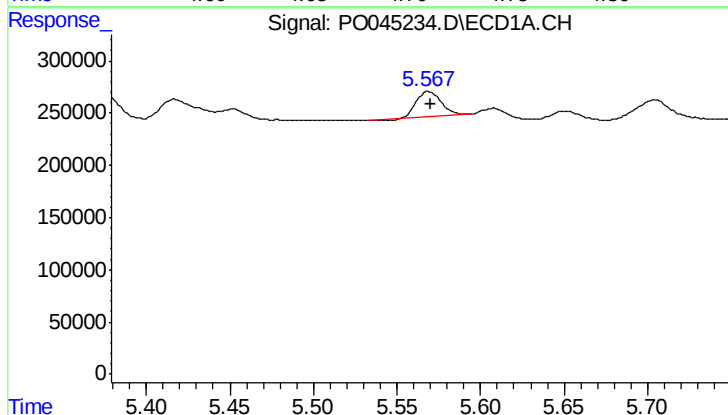
R.T.: 0.000 min
Exp R.T.: 5.707 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PB109762BSD



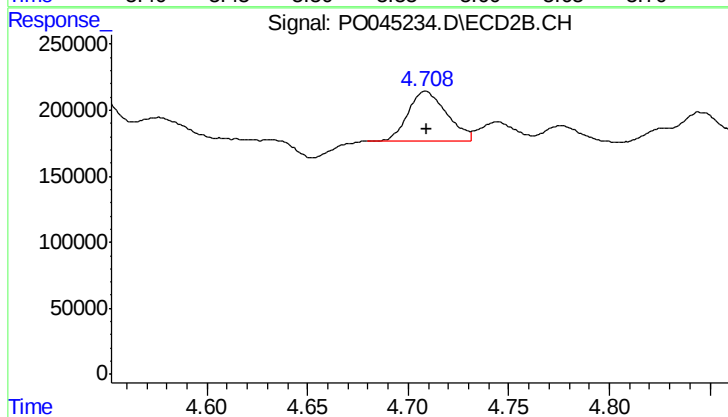
#20 AR-1242-5

R.T.: 4.709 min
Delta R.T.: -0.001 min
Response: 511732
Conc: 78.43 ng/ml



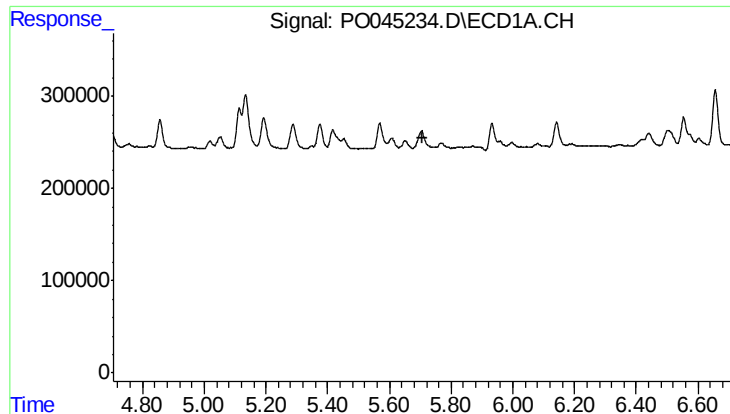
#21 AR-1248-1

R.T.: 5.569 min
Delta R.T.: -0.002 min
Response: 245618
Conc: 34.63 ng/ml



#21 AR-1248-1

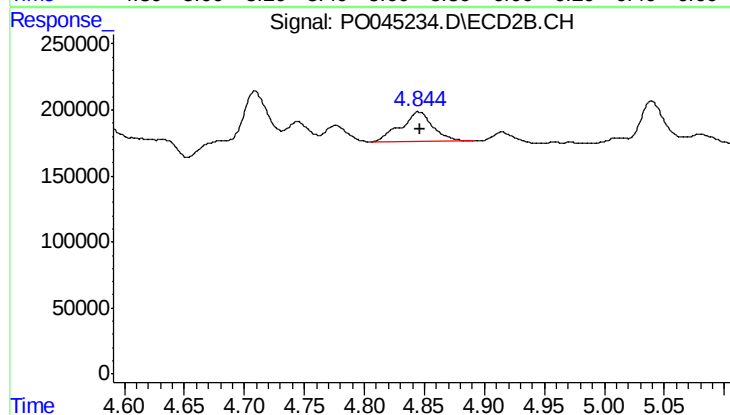
R.T.: 4.709 min
Delta R.T.: 0.000 min
Response: 511732
Conc: 48.21 ng/ml



#22 AR-1248-2

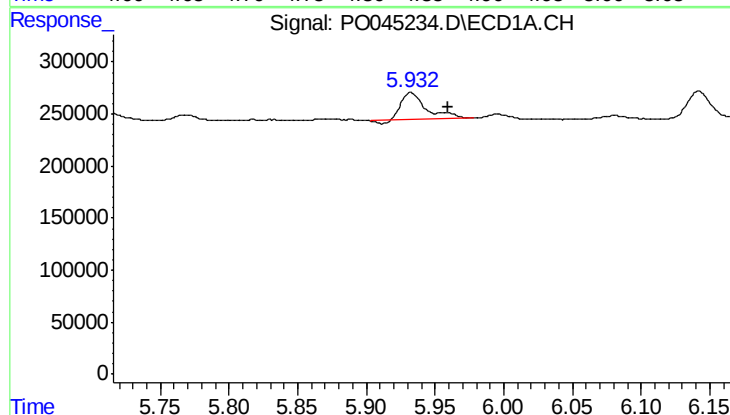
R.T.: 0.000 min
Exp R.T.: 5.705 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PB109762BSD



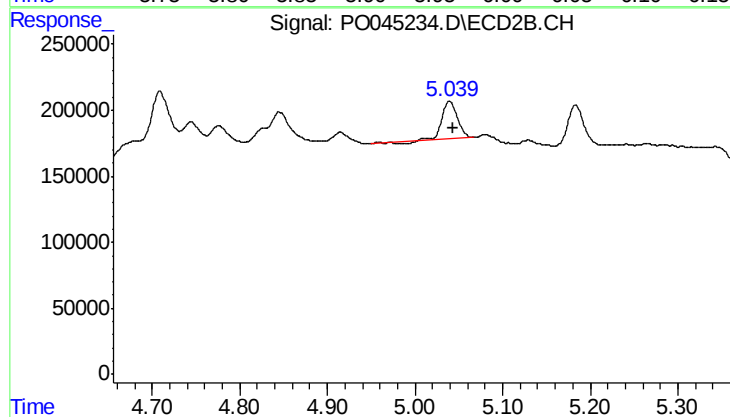
#22 AR-1248-2

R.T.: 4.845 min
Delta R.T.: 0.000 min
Response: 422510
Conc: 41.06 ng/ml



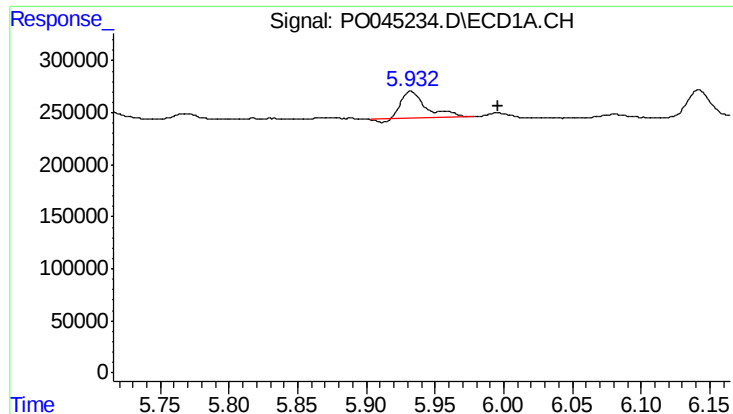
#23 AR-1248-3

R.T.: 5.932 min
Delta R.T.: -0.027 min
Response: 325712
Conc: 37.57 ng/ml



#23 AR-1248-3

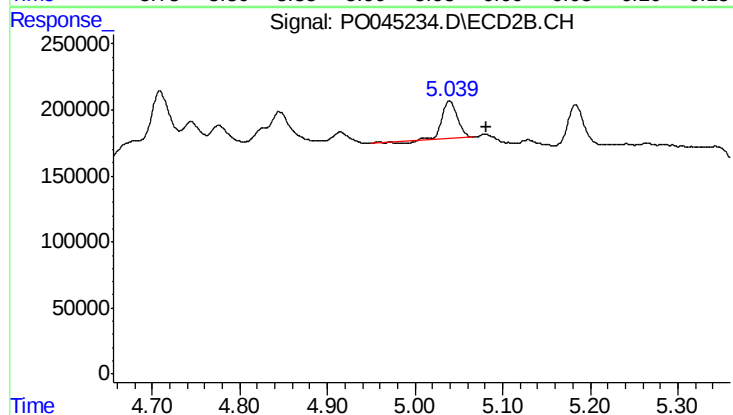
R.T.: 5.039 min
Delta R.T.: -0.004 min
Response: 345038
Conc: 21.46 ng/ml



#24 AR-1248-4

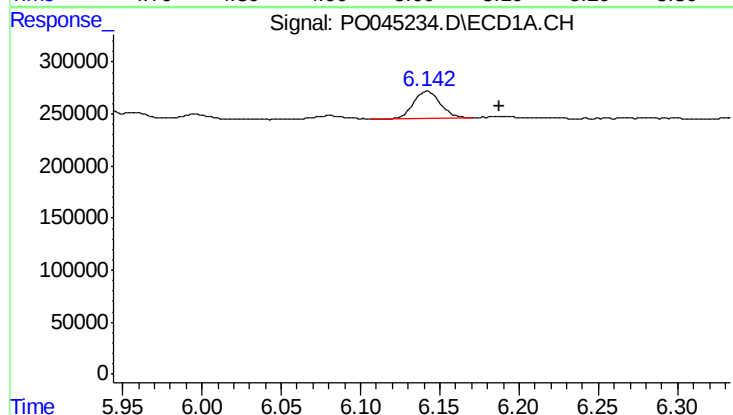
R.T.: 5.932 min
Delta R.T.: -0.064 min
Response: 325712
Conc: 36.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109762BSD



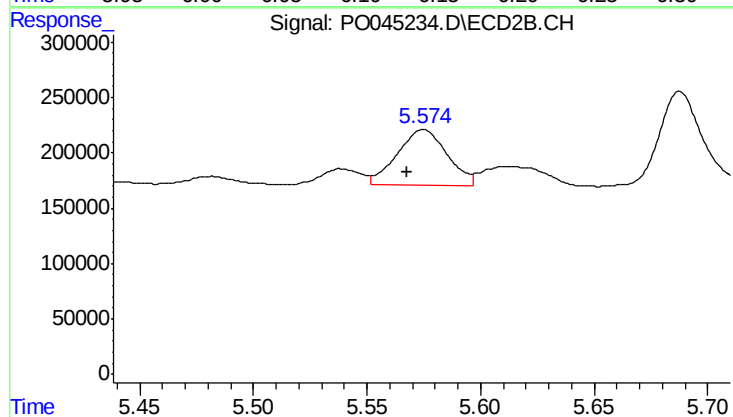
#24 AR-1248-4

R.T.: 5.039 min
Delta R.T.: -0.042 min
Response: 345038
Conc: 25.75 ng/ml



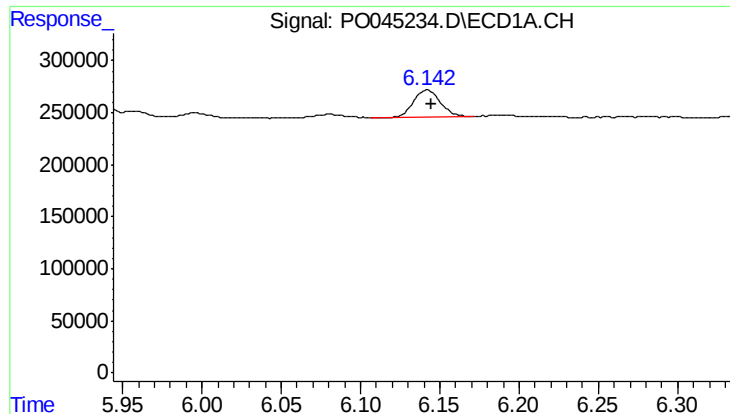
#25 AR-1248-5

R.T.: 6.142 min
Delta R.T.: -0.046 min
Response: 292976
Conc: 52.46 ng/ml



#25 AR-1248-5

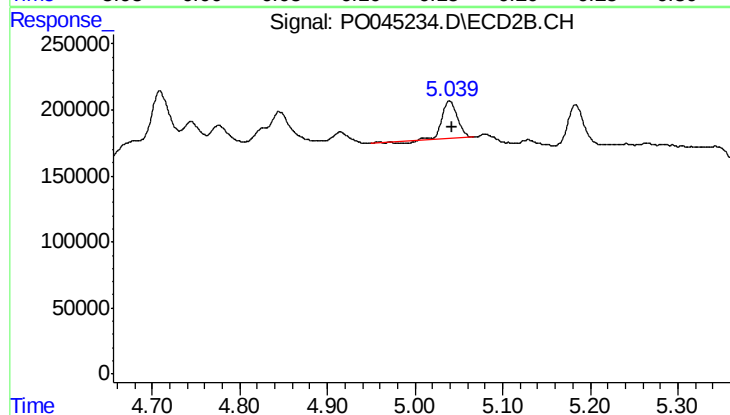
R.T.: 5.575 min
Delta R.T.: 0.007 min
Response: 772980
Conc: 107.44 ng/ml



#26 AR-1254-1

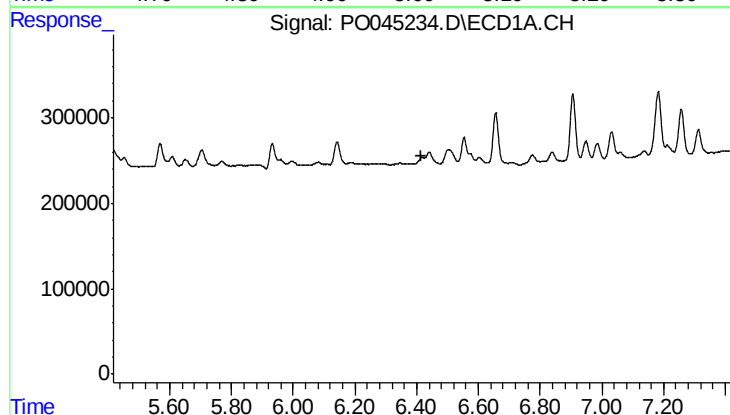
R.T.: 6.142 min
Delta R.T.: -0.003 min
Response: 292976
Conc: 21.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109762BSD



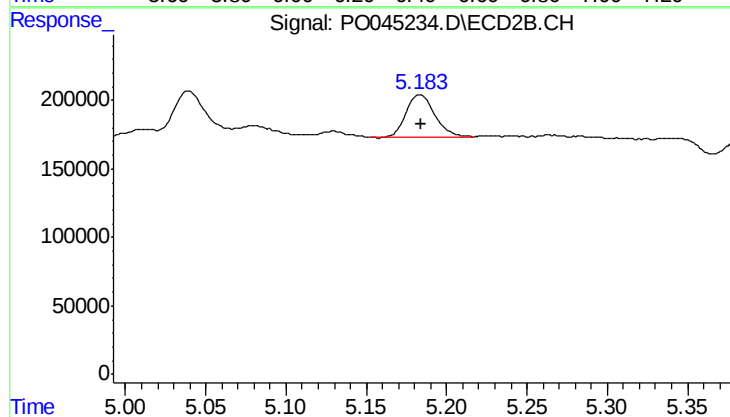
#26 AR-1254-1

R.T.: 5.039 min
Delta R.T.: -0.002 min
Response: 345038
Conc: 18.83 ng/ml



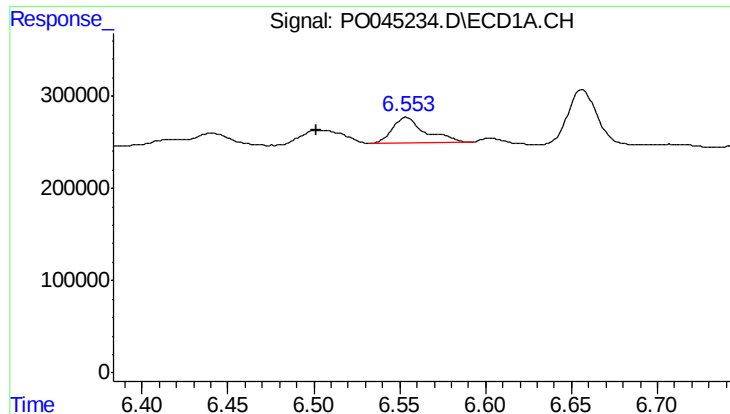
#27 AR-1254-2

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



#27 AR-1254-2

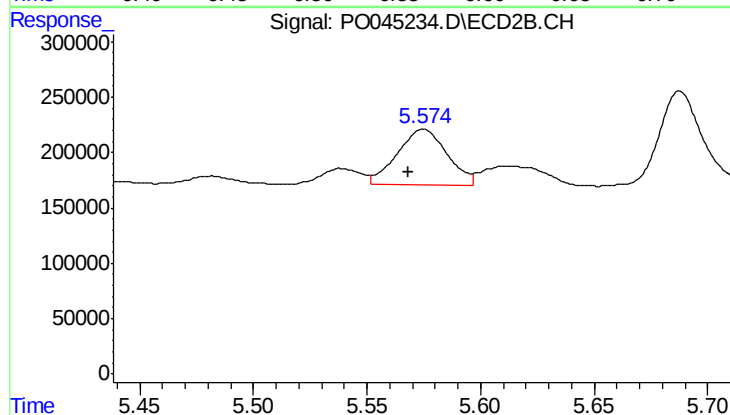
R.T.: 5.183 min
Delta R.T.: -0.001 min
Response: 374086
Conc: 23.35 ng/ml



#28 AR-1254-3

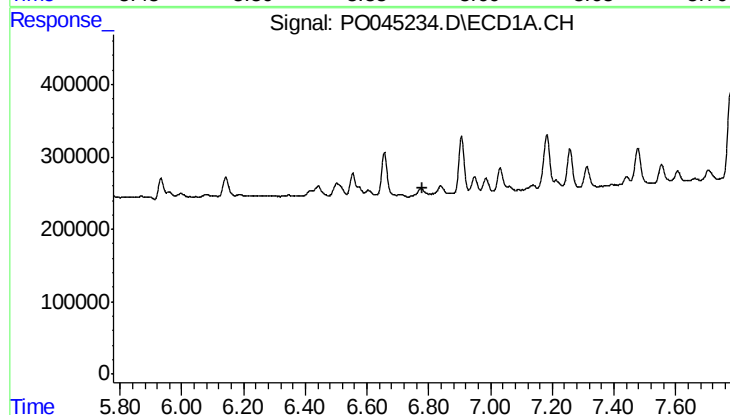
R.T.: 6.554 min
Delta R.T.: 0.052 min
Response: 364476
Conc: 23.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109762BSD



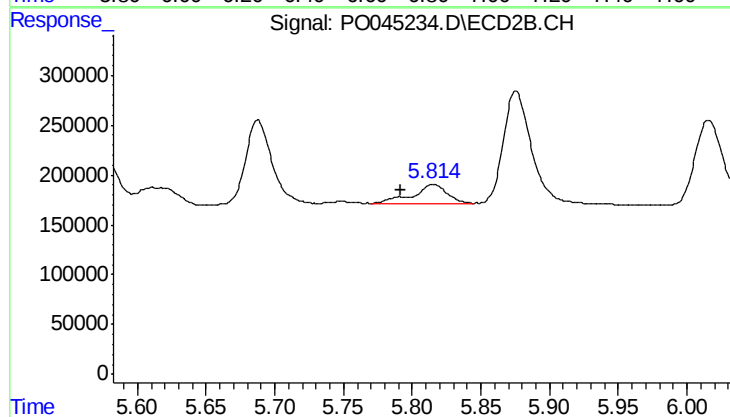
#28 AR-1254-3

R.T.: 5.575 min
Delta R.T.: 0.007 min
Response: 772980
Conc: 30.00 ng/ml



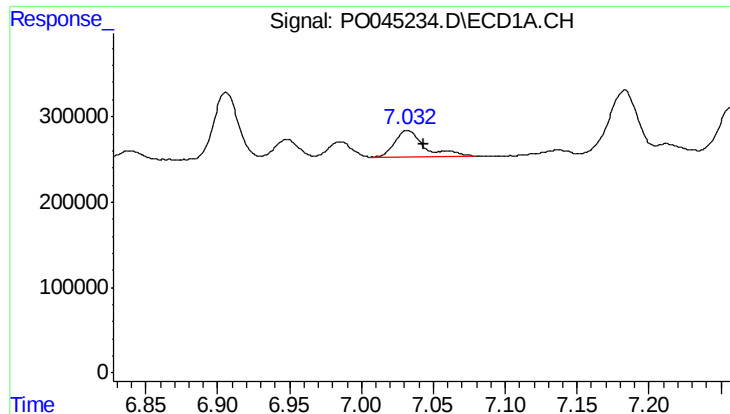
#29 AR-1254-4

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



#29 AR-1254-4

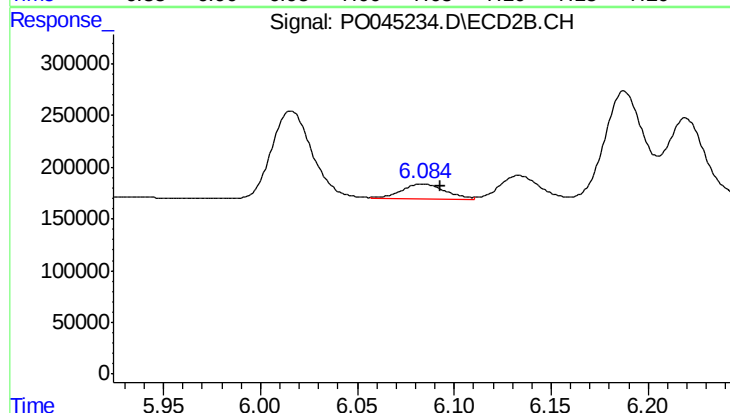
R.T.: 5.815 min
Delta R.T.: 0.023 min
Response: 323991
Conc: 16.27 ng/ml



#30 AR-1254-5

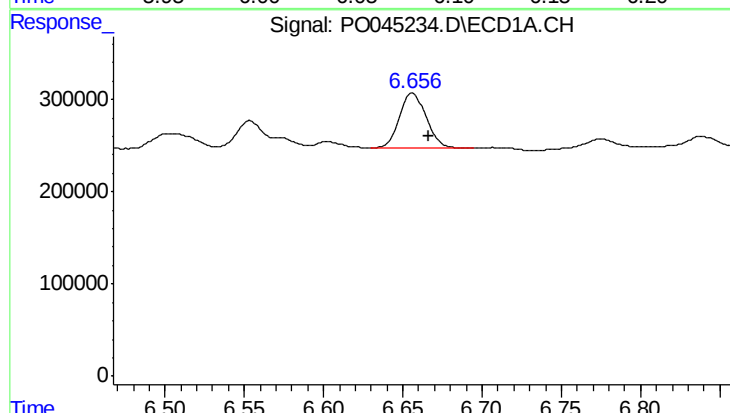
R.T.: 7.032 min
Delta R.T.: -0.012 min
Response: 444658
Conc: 46.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109762BSD



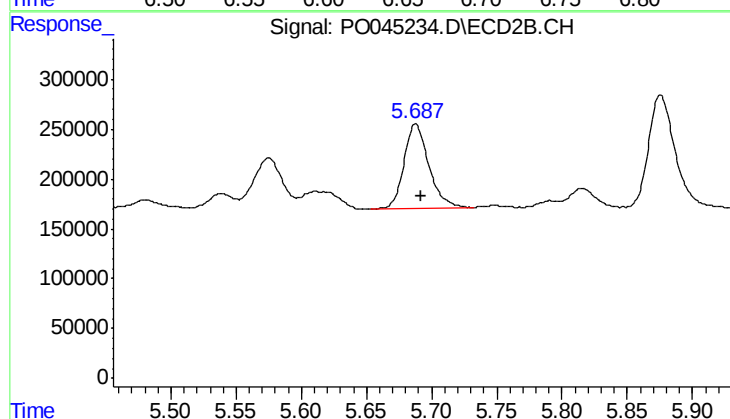
#30 AR-1254-5

R.T.: 6.084 min
Delta R.T.: -0.009 min
Response: 232284
Conc: 19.52 ng/ml



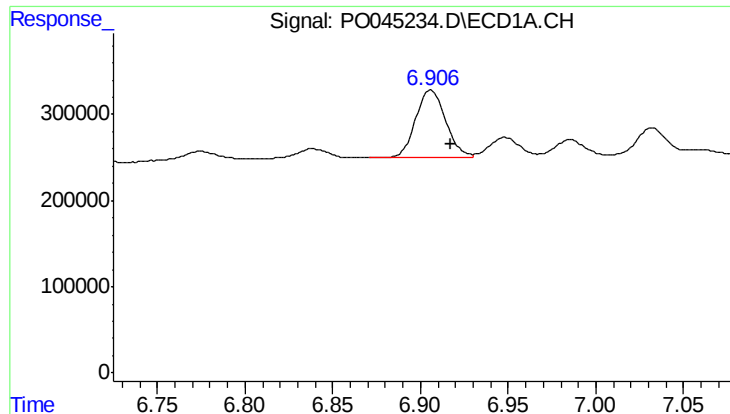
#31 AR-1260-1

R.T.: 6.656 min
Delta R.T.: -0.011 min
Response: 703615
Conc: 60.74 ng/ml



#31 AR-1260-1

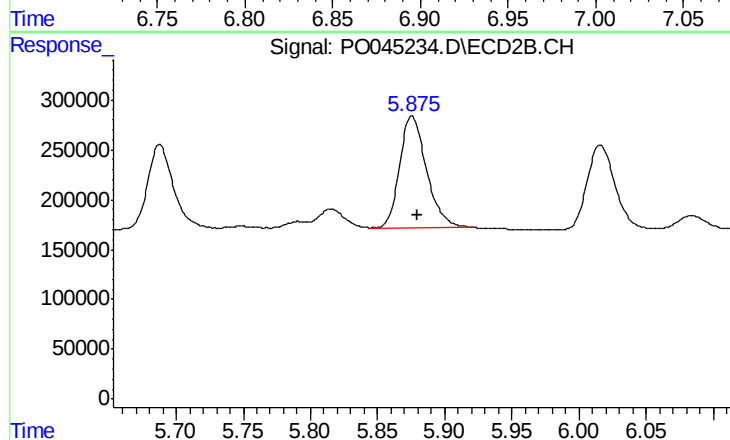
R.T.: 5.688 min
Delta R.T.: -0.004 min
Response: 1132817
Conc: 69.21 ng/ml



#32 AR-1260-2

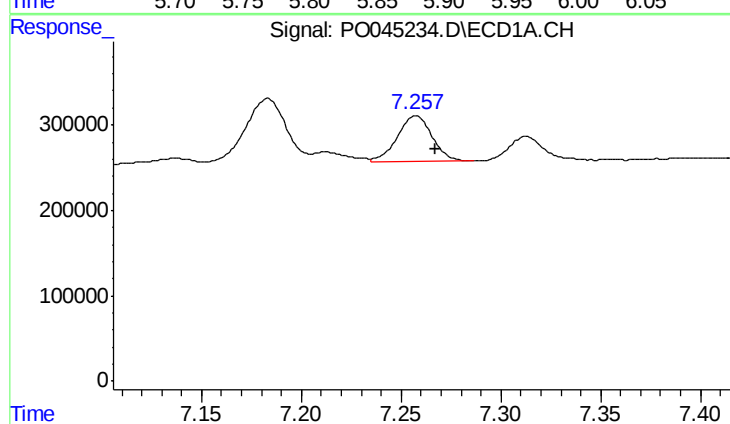
R.T.: 6.906 min
Delta R.T.: -0.011 min
Response: 923065
Conc: 60.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109762BSD



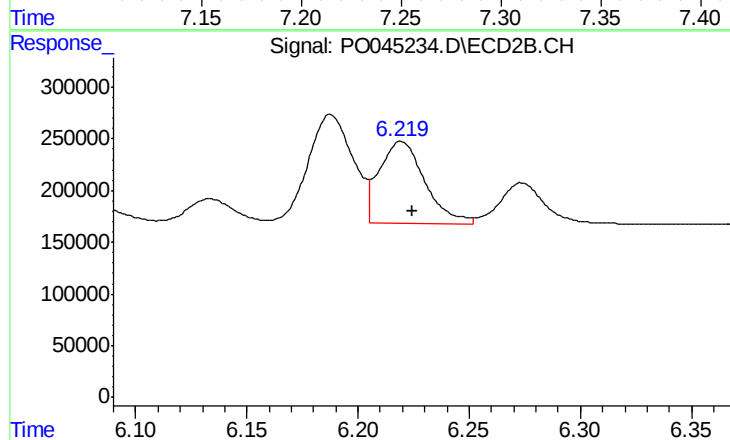
#32 AR-1260-2

R.T.: 5.876 min
Delta R.T.: -0.004 min
Response: 1555390
Conc: 73.62 ng/ml



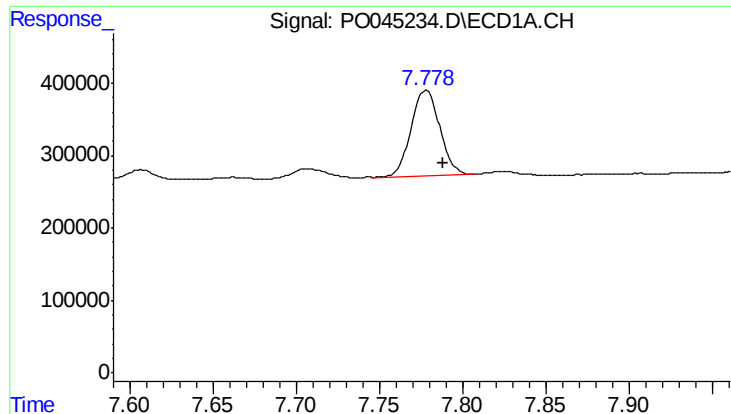
#33 AR-1260-3

R.T.: 7.257 min
Delta R.T.: -0.009 min
Response: 655632
Conc: 51.64 ng/ml



#33 AR-1260-3

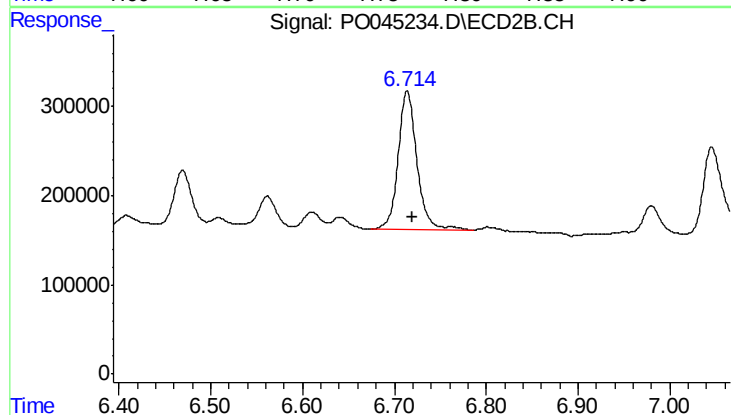
R.T.: 6.219 min
Delta R.T.: -0.005 min
Response: 1136745
Conc: 60.06 ng/ml



#34 AR-1260-4

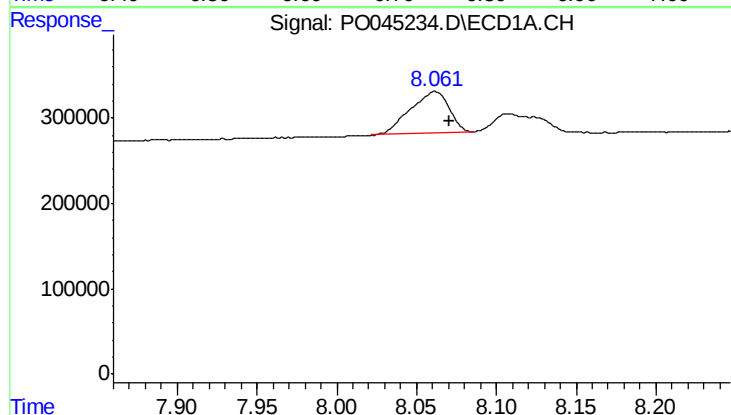
R.T.: 7.778 min
Delta R.T.: -0.010 min
Response: 1424225
Conc: 50.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109762BSD



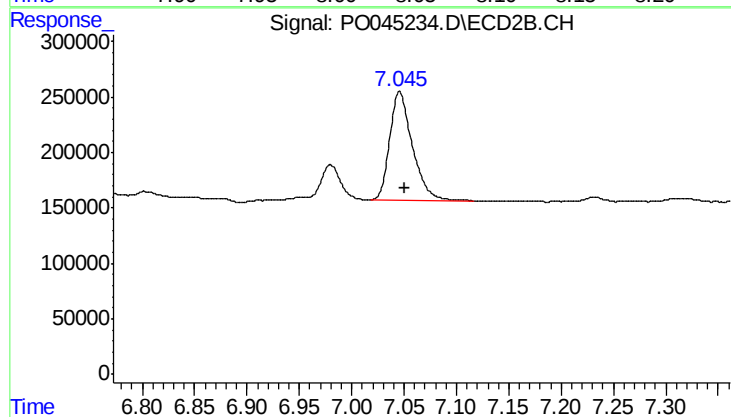
#34 AR-1260-4

R.T.: 6.714 min
Delta R.T.: -0.005 min
Response: 2219752
Conc: 56.38 ng/ml



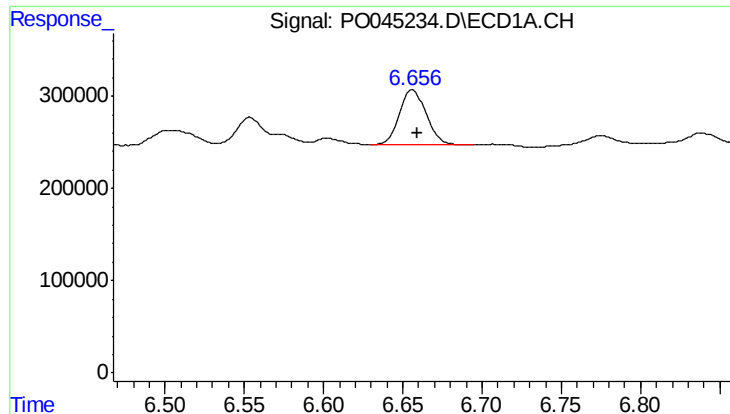
#35 AR-1260-5

R.T.: 8.062 min
Delta R.T.: -0.009 min
Response: 819963
Conc: 49.01 ng/ml



#35 AR-1260-5

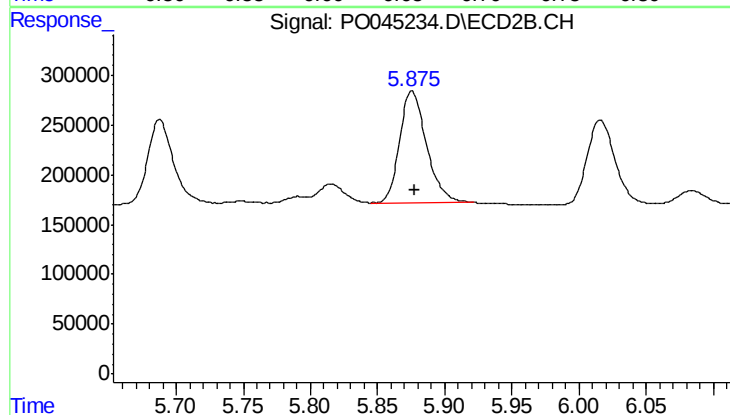
R.T.: 7.046 min
Delta R.T.: -0.005 min
Response: 1482431
Conc: 53.86 ng/ml



#36 AR-1262-1

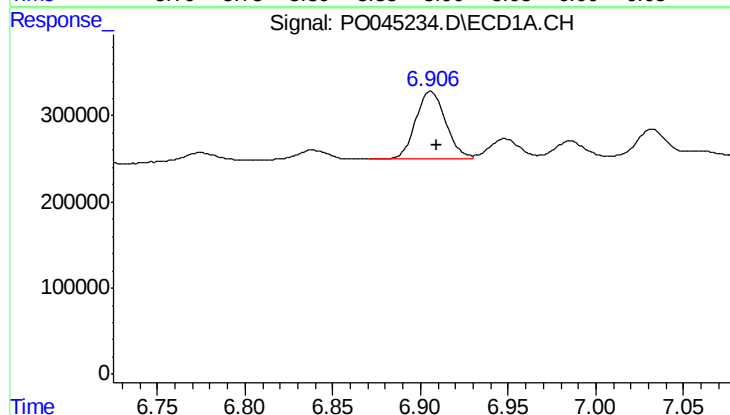
R.T.: 6.656 min
Delta R.T.: -0.003 min
Response: 703615
Conc: 64.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109762BSD



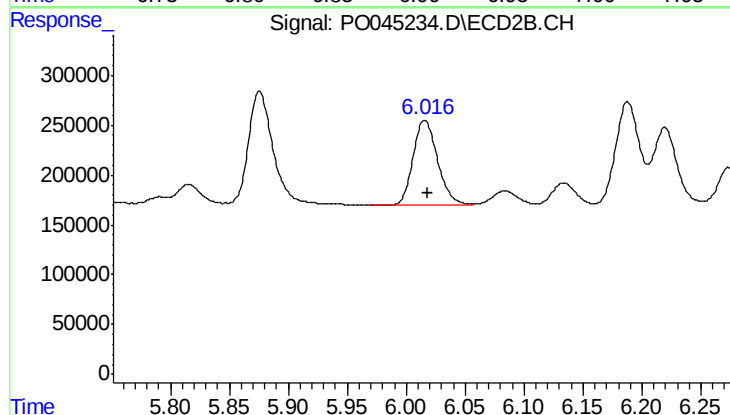
#36 AR-1262-1

R.T.: 5.876 min
Delta R.T.: -0.002 min
Response: 1555390
Conc: 82.17 ng/ml



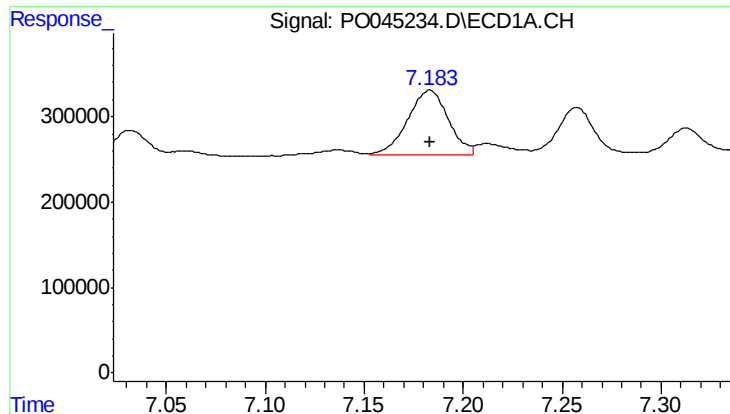
#37 AR-1262-2

R.T.: 6.906 min
Delta R.T.: -0.003 min
Response: 923065
Conc: 67.11 ng/ml



#37 AR-1262-2

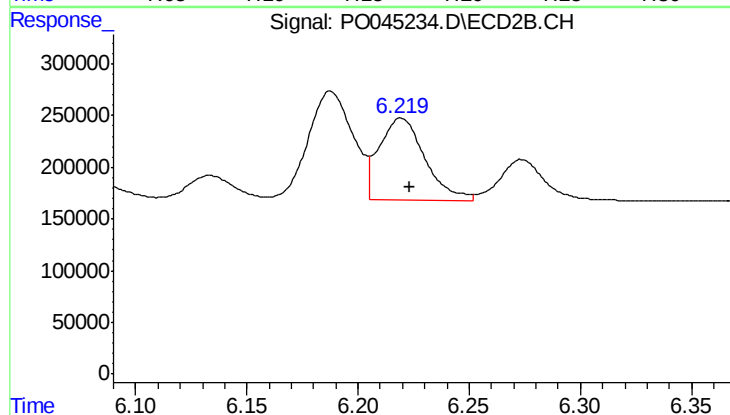
R.T.: 6.016 min
Delta R.T.: -0.002 min
Response: 1236229
Conc: 67.36 ng/ml



#38 AR-1262-3

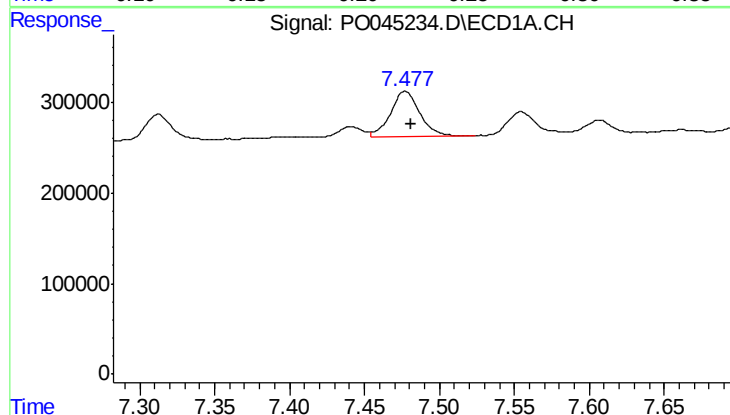
R.T.: 7.183 min
Delta R.T.: 0.000 min
Response: 1077752
Conc: 84.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109762BSD



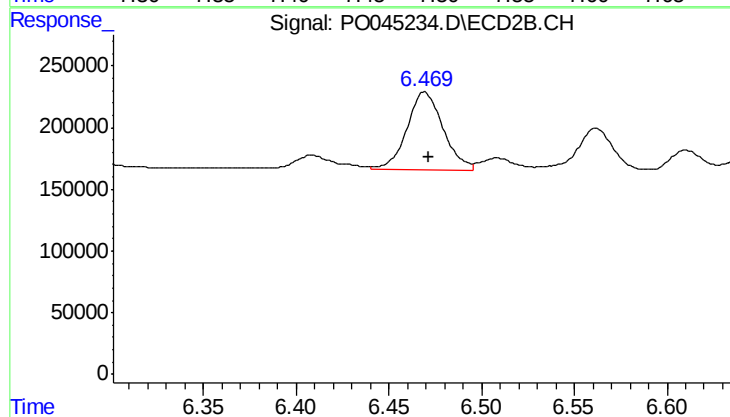
#38 AR-1262-3

R.T.: 6.219 min
Delta R.T.: -0.004 min
Response: 1136745
Conc: 37.07 ng/ml



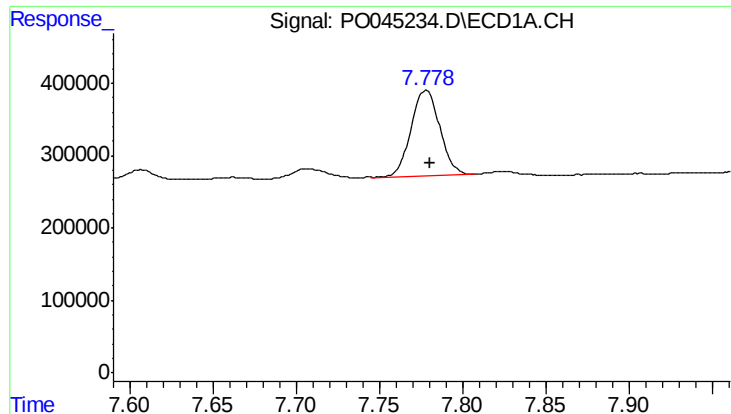
#39 AR-1262-4

R.T.: 7.477 min
Delta R.T.: -0.004 min
Response: 676720
Conc: 39.40 ng/ml



#39 AR-1262-4

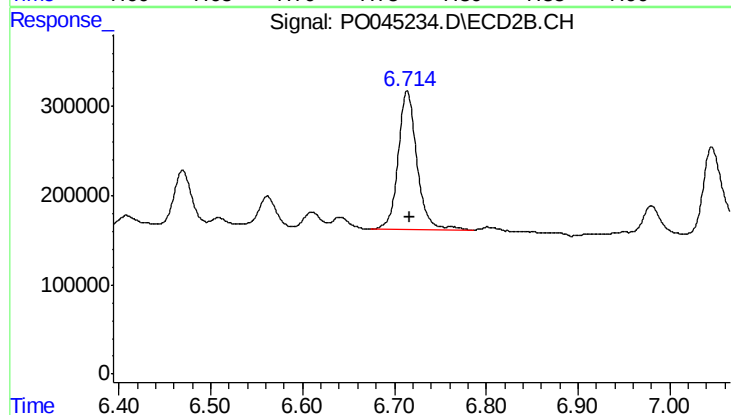
R.T.: 6.469 min
Delta R.T.: -0.002 min
Response: 861053
Conc: 34.17 ng/ml



#40 AR-1262-5

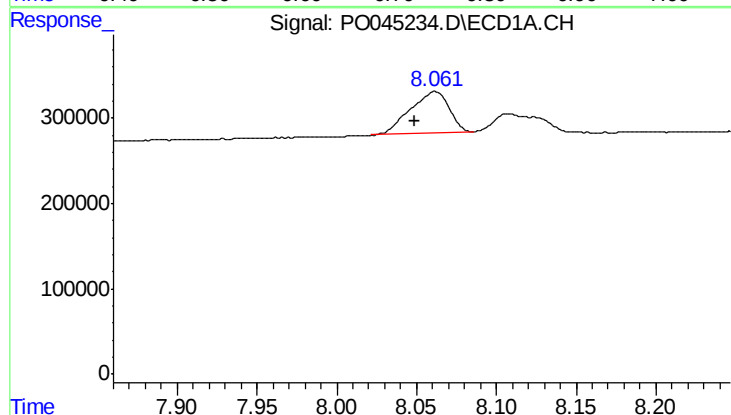
R.T.: 7.778 min
Delta R.T.: -0.003 min
Response: 1424225
Conc: 38.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109762BSD



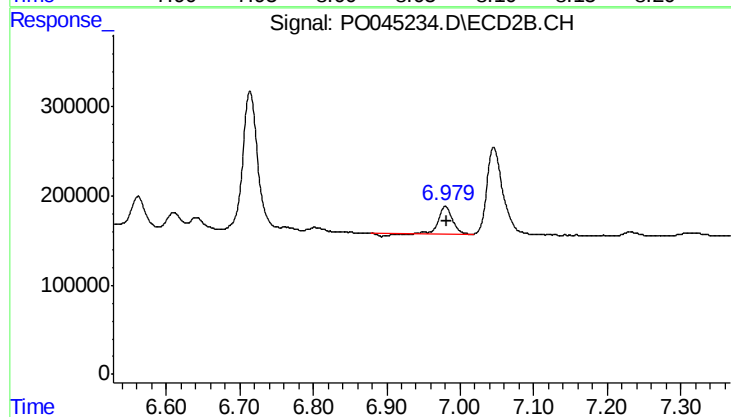
#40 AR-1262-5

R.T.: 6.714 min
Delta R.T.: -0.002 min
Response: 2219752
Conc: 40.74 ng/ml



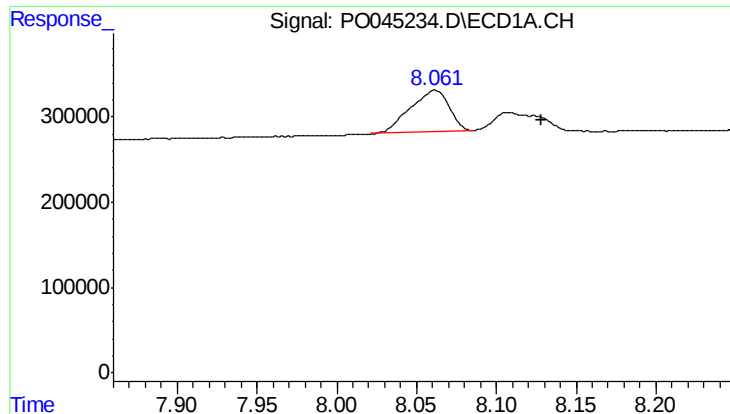
#41 AR-1268-1

R.T.: 8.062 min
Delta R.T.: 0.013 min
Response: 819963
Conc: 21.53 ng/ml



#41 AR-1268-1

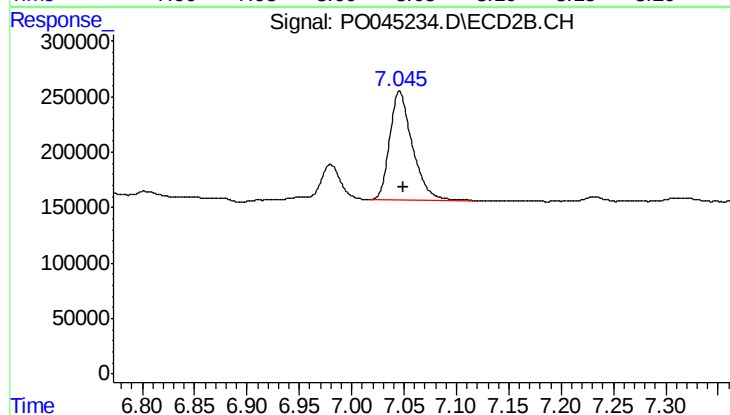
R.T.: 6.980 min
Delta R.T.: -0.003 min
Response: 402551
Conc: 7.30 ng/ml



#42 AR-1268-2

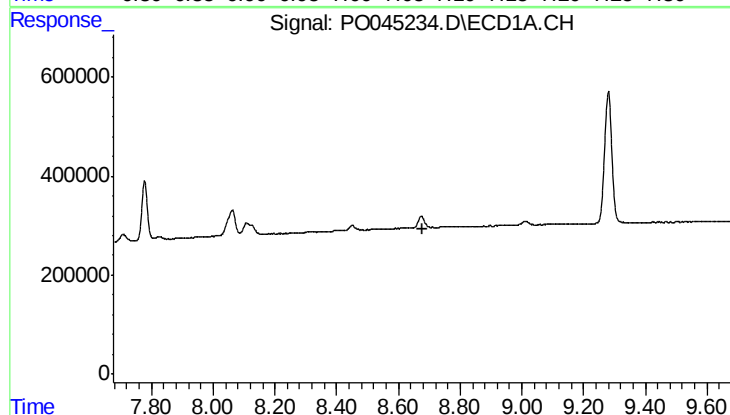
R.T.: 8.062 min
Delta R.T.: -0.067 min
Response: 819963
Conc: 24.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB109762BSD



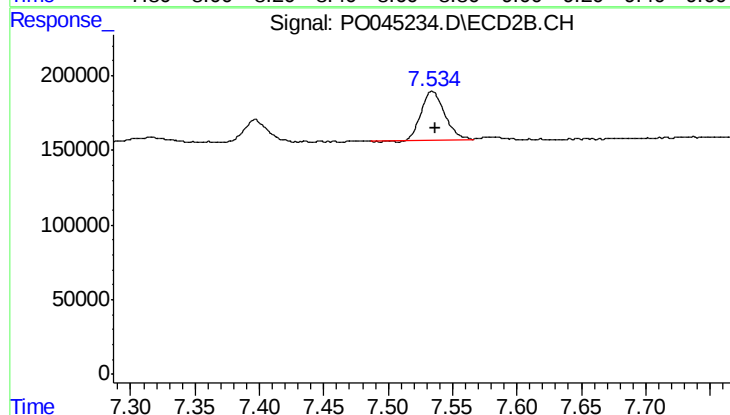
#42 AR-1268-2

R.T.: 7.046 min
Delta R.T.: -0.003 min
Response: 1482431
Conc: 29.03 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.: 7.534 min
Delta R.T.: -0.002 min
Response: 409064
Conc: 23.50 ng/ml