

Data Path : P:\HPCHEM1\ECD 0\Data\P0012318\
 Data File : P0041689.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 22 Jan 2018 19:14
 Operator : SM/UA
 Sample : J1187-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 23 04:08:43 2018
 Quant Method : P:\HPCHEM1\ECD_0\P0012318.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 23 01:50:31 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...	4.122	3.365	3906660	5935977	20.241	20.448
2) SA Decachlor...	9.525	8.162	3193029	4506698	13.590	12.602
Target Compounds						
3) L1 AR-1016-1	4.991	4.188	1159002	1590407	223.852	211.615
4) L1 AR-1016-2	5.332	4.626	1472768	1375430	205.337	195.863
5) L1 AR-1016-3	5.426	4.665	1165389	1664963	195.560	196.627
6) L1 AR-1016-4	5.714	4.830	1100891	1721826	181.904	184.776
7) L1 AR-1016-5	5.850	4.970	947672	1968107	146.708	198.507 #
10) L2 AR-1221-3	4.480	3.723	748139	1014784	161.675	162.266
11) L3 AR-1232-1	4.480	3.723	748139	1014784	213.483	206.078
12) L3 AR-1232-2	5.250	4.414	1531925	5859696	582.104	582.782
13) L3 AR-1232-3	5.272	4.469	2435762	2276379	545.385	552.032
14) L3 AR-1232-4	5.332	4.583	1472768	1741490	534.862	562.045
15) L3 AR-1232-5	5.426	4.626	1165389	1375430	555.005	636.180
16) L4 AR-1242-1	4.804	4.007	1062824	2553563	342.824	1006.229 #
17) L4 AR-1242-2	5.272	4.414	2435762	5859696	331.149	341.512
18) L4 AR-1242-3	5.426	4.583	1165389	1741490	317.024	331.067
19) L4 AR-1242-4	5.714	4.665	1100891	1664963	292.774	318.038
20) L4 AR-1242-5	5.850	4.830	947672	1721826	227.215	297.785 #
21) L5 AR-1248-1	5.714	4.830	1100891	1721826	152.236	157.503
22) L5 AR-1248-2	5.850	4.970	947672	1968107	151.166	202.406 #
23) L5 AR-1248-3	6.082	5.167	1111929	1250195	121.596	73.712 #
24) L5 AR-1248-4	6.082	5.167	1111929	1250195	124.082	92.590 #
25) L5 AR-1248-5	6.295	5.713	939675	2775003	157.298	360.134 #
26) L6 AR-1254-1	6.295	5.167	939675	1250195	66.753	67.593
27) L6 AR-1254-2	0.000	5.311	0	1342295	N.D.	81.173 #
28) L6 AR-1254-3	6.652	5.713	649395	2775003	41.899	100.865 #
29) L6 AR-1254-4	6.932	5.923	326084	788143	24.858	40.447 #
30) L6 AR-1254-5	7.192	6.231	997979	315491	106.015	23.818 #
31) L7 AR-1260-1	6.815	5.825	2032832	4127403	161.597	193.351
32) L7 AR-1260-2	7.067	6.011	2691448	5001913	154.686	158.355
33) L7 AR-1260-3	7.343	6.157	2922996	3960367	145.628	151.737
34) L7 AR-1260-4	7.420	6.328	1702883	4956585	144.777	145.366
35) L7 AR-1260-5	7.941	6.858	4103137	7574749	155.997	141.178
36) L8 AR-1262-1	6.815	6.011	2032832	5001913	214.942	225.204
37) L8 AR-1262-2	7.067	6.157	2691448	3960367	231.169	196.931
38) L8 AR-1262-3	7.343	6.364	2922996	3802767	254.028	102.599 #
39) L8 AR-1262-4	7.640	6.617	2028199	2829368	132.211	102.156
40) L8 AR-1262-5	7.941	6.858	4103137	7574749	127.460	119.555

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 Acq On : 22 Jan 2018 19:14
 Operator : SM/UA
 Sample : J1187-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

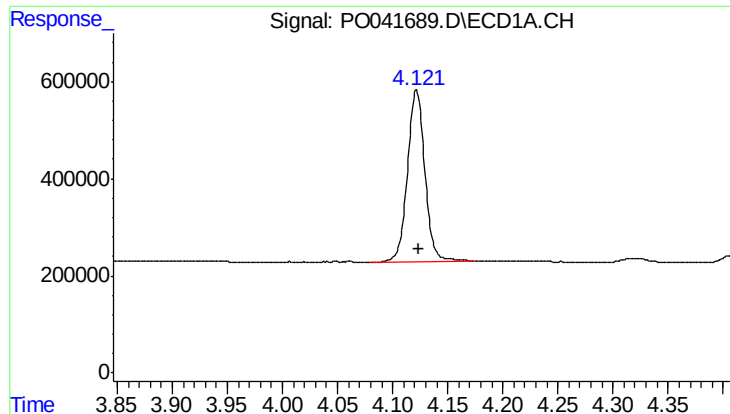
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 23 04:08:43 2018
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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
41) L9	AR-1268-1	8.229	7.132	2555030	1037144	67.617	14.151 #
42) L9	AR-1268-2	8.282	7.195	1447064	4935332	43.612	76.334 #
44) L9	AR-1268-4	8.874	7.684	1008854	1360791	80.940	61.256
45) L9	AR-1268-5	0.000	7.948	0	443580	N.D.	3.081 #

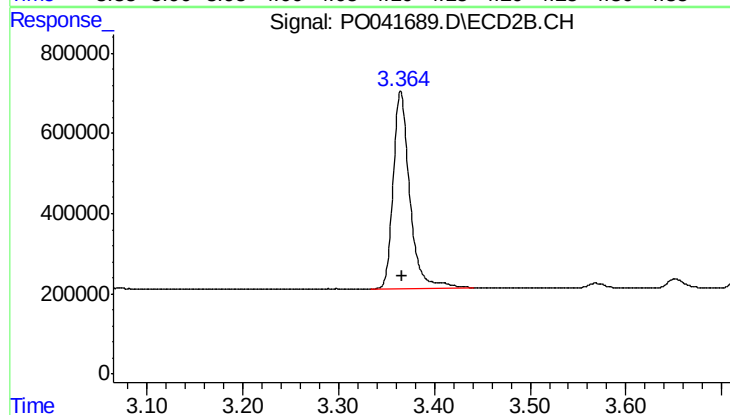
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

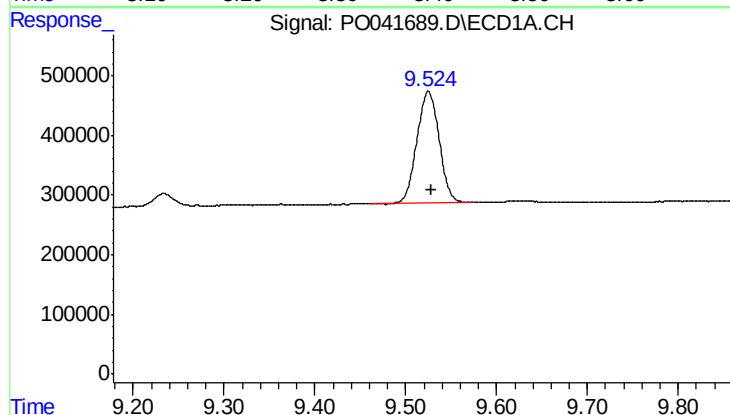
R.T.: 4.122 min
Delta R.T.: -0.002 min
Response: 3906660
Conc: 20.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



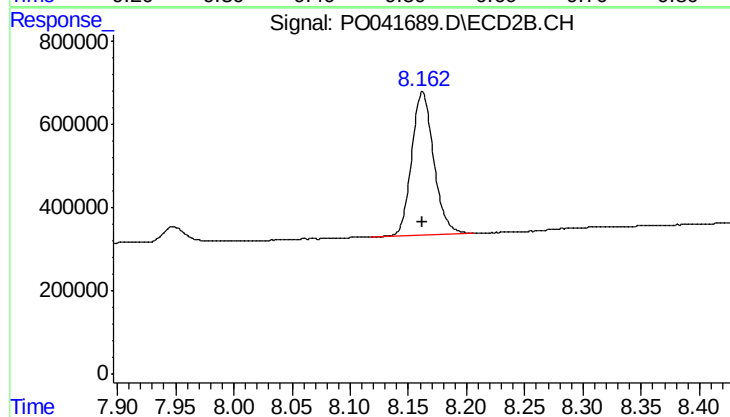
#1 Tetrachloro-m-xylene

R.T.: 3.365 min
Delta R.T.: 0.000 min
Response: 5935977
Conc: 20.45 ng/ml



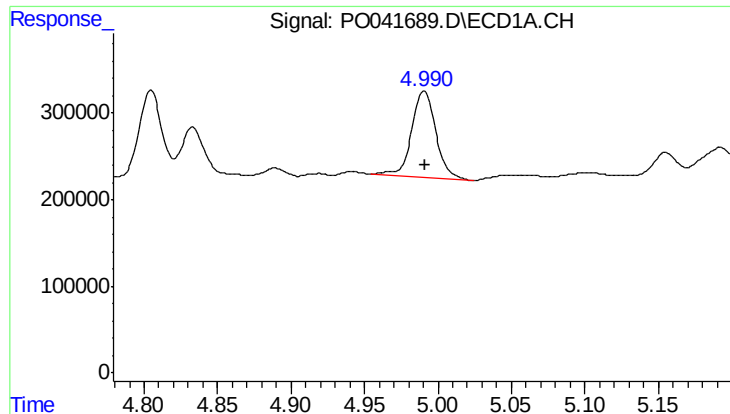
#2 Decachlorobiphenyl

R.T.: 9.525 min
Delta R.T.: -0.004 min
Response: 3193029
Conc: 13.59 ng/ml



#2 Decachlorobiphenyl

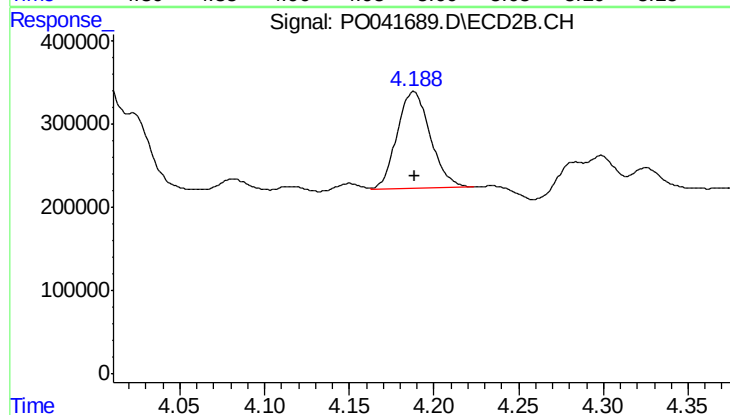
R.T.: 8.162 min
Delta R.T.: 0.000 min
Response: 4506698
Conc: 12.60 ng/ml



#3 AR-1016-1

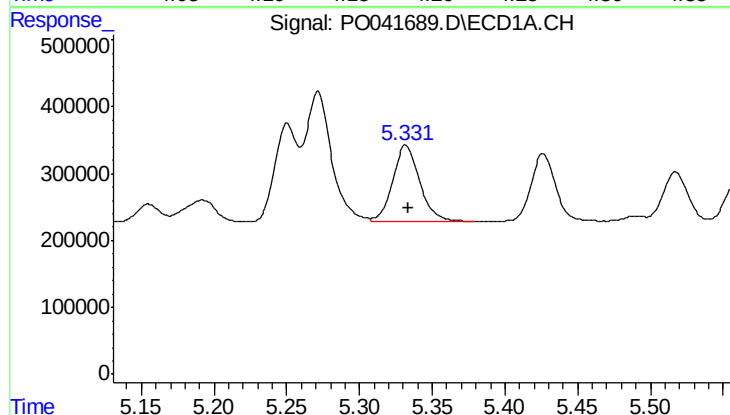
R.T.: 4.991 min
Delta R.T.: 0.000 min
Response: 1159002
Conc: 223.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



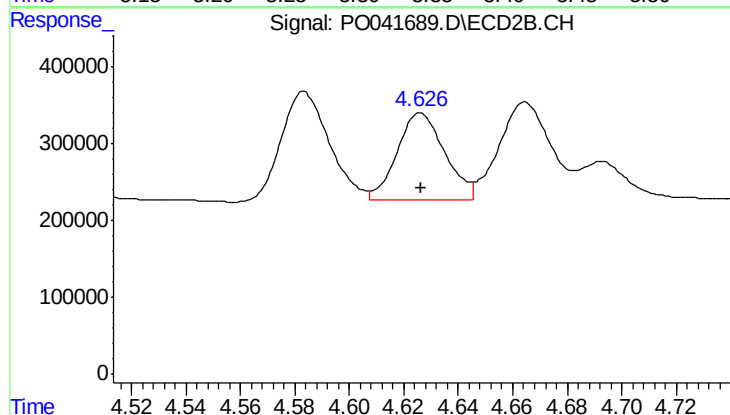
#3 AR-1016-1

R.T.: 4.188 min
Delta R.T.: 0.000 min
Response: 1590407
Conc: 211.61 ng/ml



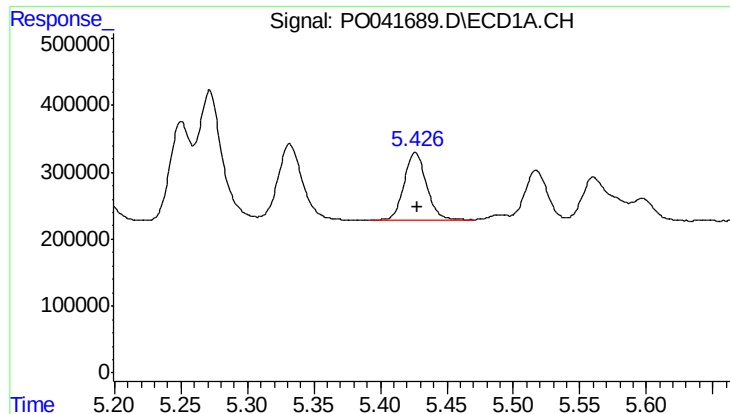
#4 AR-1016-2

R.T.: 5.332 min
Delta R.T.: -0.002 min
Response: 1472768
Conc: 205.34 ng/ml



#4 AR-1016-2

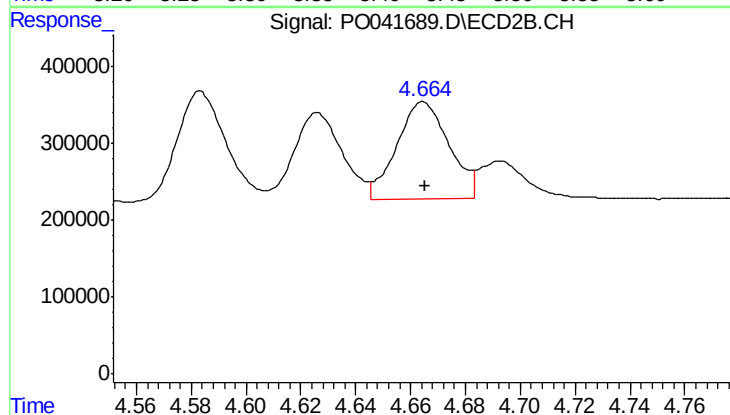
R.T.: 4.626 min
Delta R.T.: 0.000 min
Response: 1375430
Conc: 195.86 ng/ml



#5 AR-1016-3

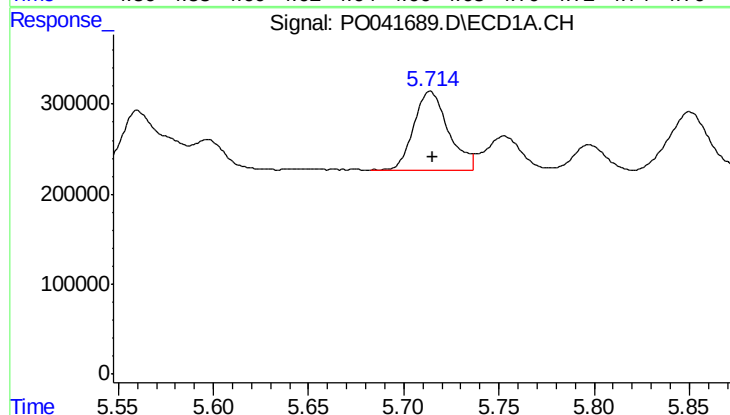
R.T.: 5.426 min
Delta R.T.: -0.002 min
Response: 1165389
Conc: 195.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



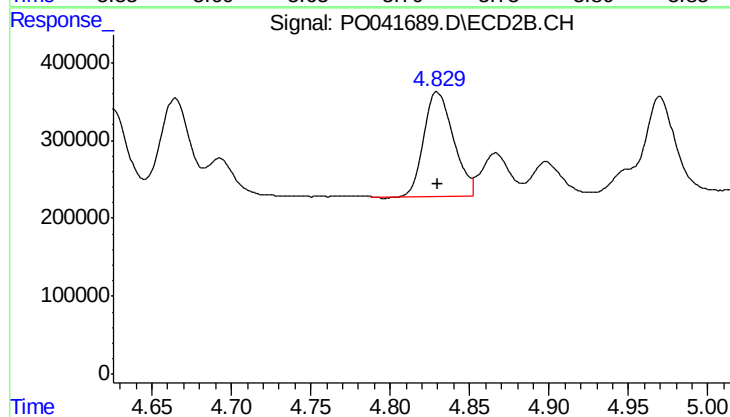
#5 AR-1016-3

R.T.: 4.665 min
Delta R.T.: 0.000 min
Response: 1664963
Conc: 196.63 ng/ml



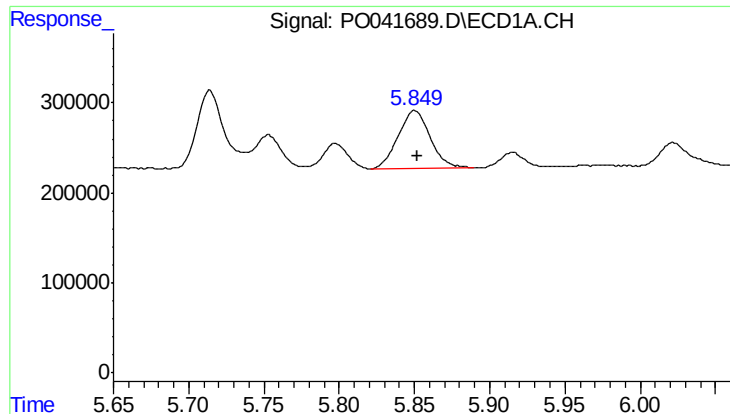
#6 AR-1016-4

R.T.: 5.714 min
Delta R.T.: -0.001 min
Response: 1100891
Conc: 181.90 ng/ml



#6 AR-1016-4

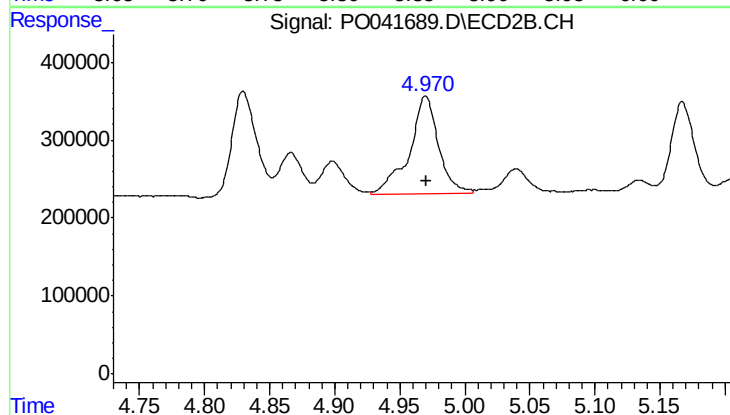
R.T.: 4.830 min
Delta R.T.: 0.000 min
Response: 1721826
Conc: 184.78 ng/ml



#7 AR-1016-5

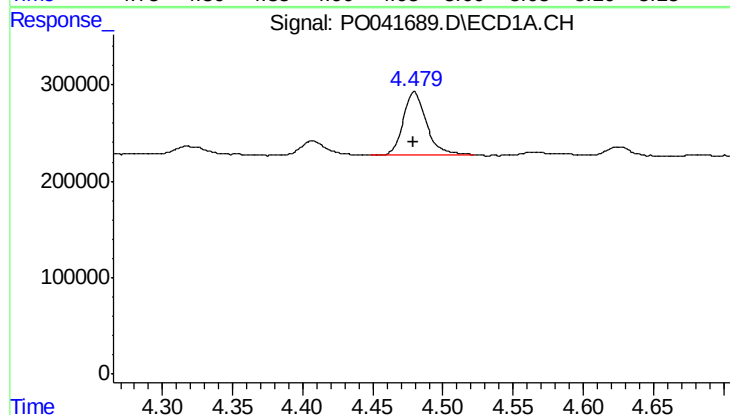
R.T.: 5.850 min
Delta R.T.: -0.002 min
Response: 947672
Conc: 146.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



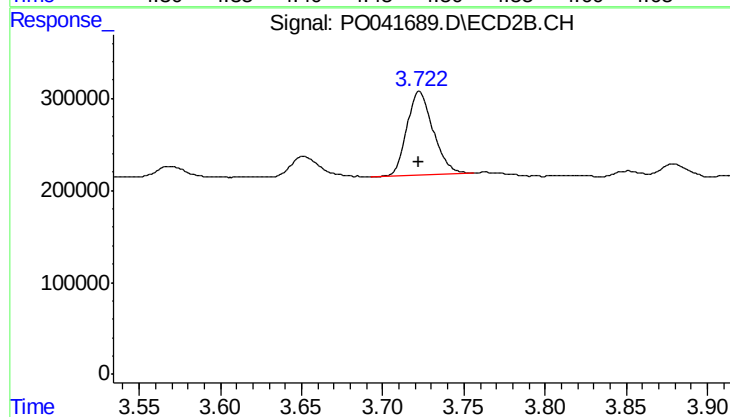
#7 AR-1016-5

R.T.: 4.970 min
Delta R.T.: 0.000 min
Response: 1968107
Conc: 198.51 ng/ml



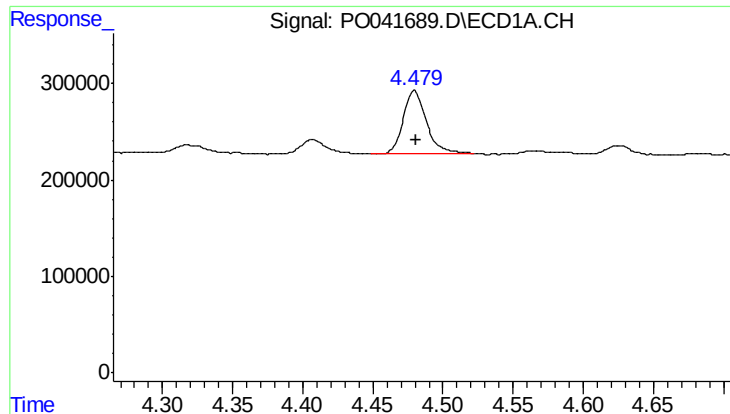
#10 AR-1221-3

R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 748139
Conc: 161.68 ng/ml



#10 AR-1221-3

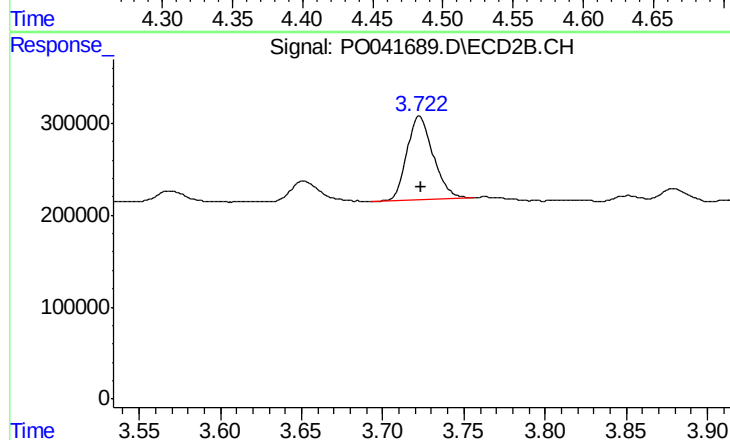
R.T.: 3.723 min
Delta R.T.: 0.000 min
Response: 1014784
Conc: 162.27 ng/ml



#11 AR-1232-1

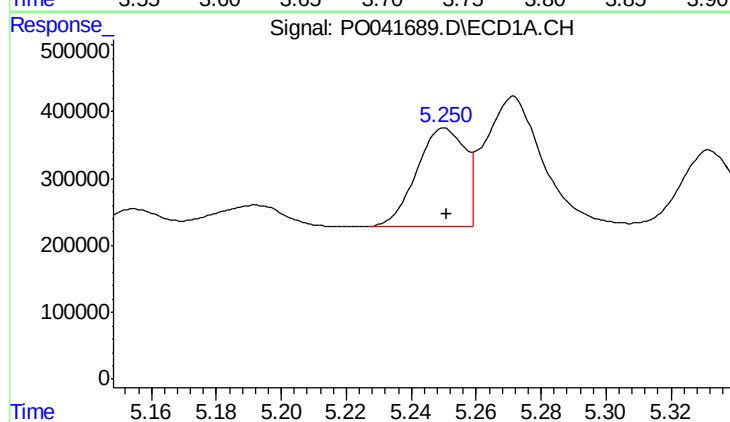
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 748139
Conc: 213.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



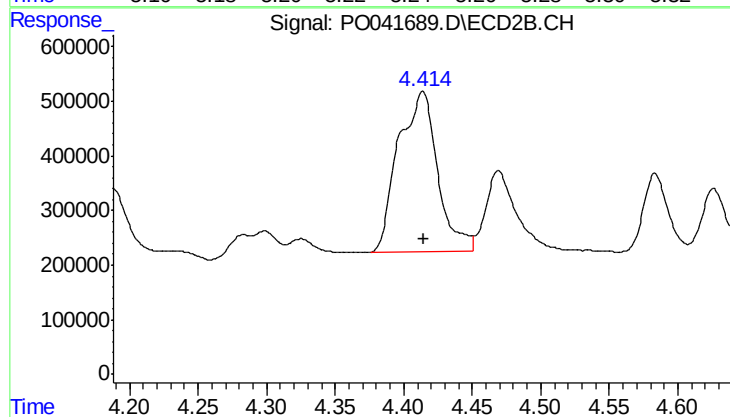
#11 AR-1232-1

R.T.: 3.723 min
Delta R.T.: 0.000 min
Response: 1014784
Conc: 206.08 ng/ml



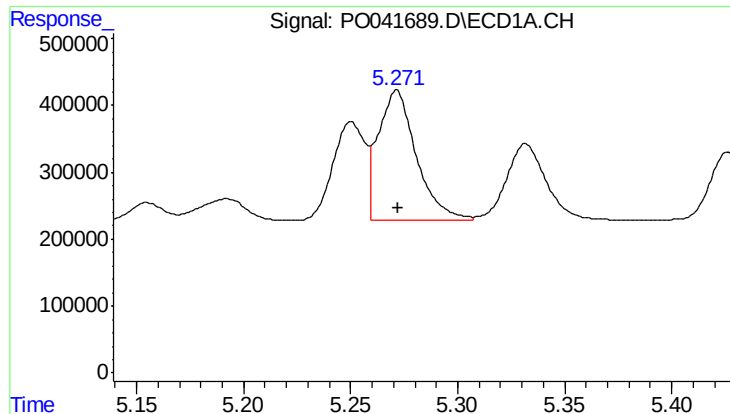
#12 AR-1232-2

R.T.: 5.250 min
Delta R.T.: 0.000 min
Response: 1531925
Conc: 582.10 ng/ml



#12 AR-1232-2

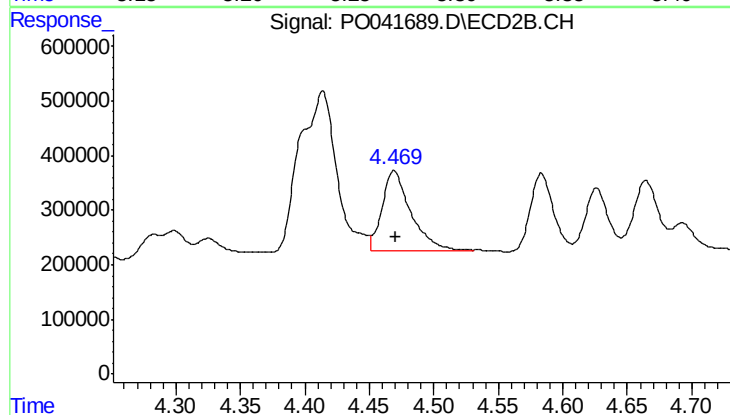
R.T.: 4.414 min
Delta R.T.: 0.000 min
Response: 5859696
Conc: 582.78 ng/ml



#13 AR-1232-3

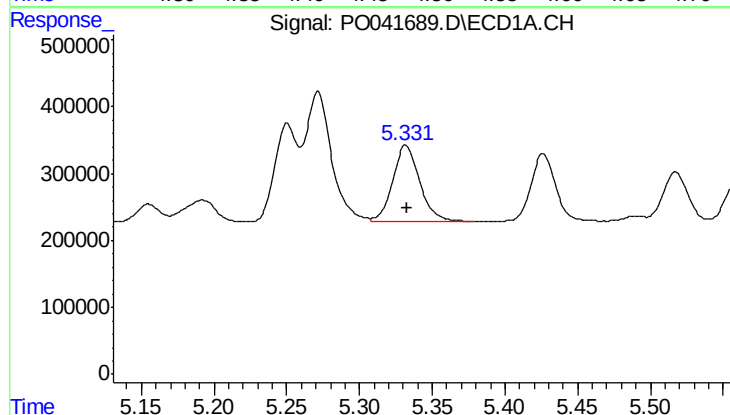
R.T.: 5.272 min
Delta R.T.: 0.000 min
Response: 2435762
Conc: 545.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



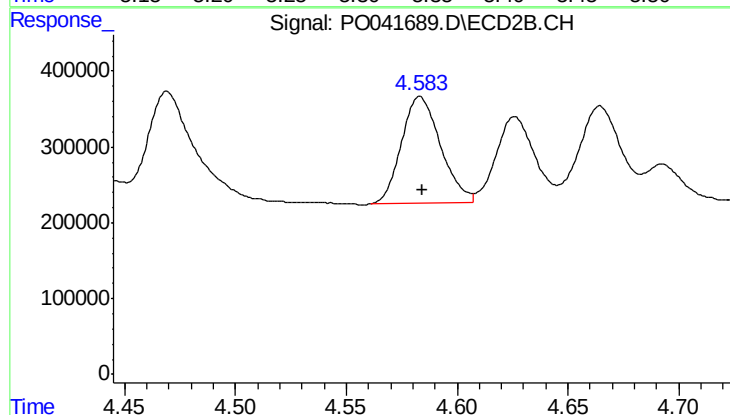
#13 AR-1232-3

R.T.: 4.469 min
Delta R.T.: -0.001 min
Response: 2276379
Conc: 552.03 ng/ml



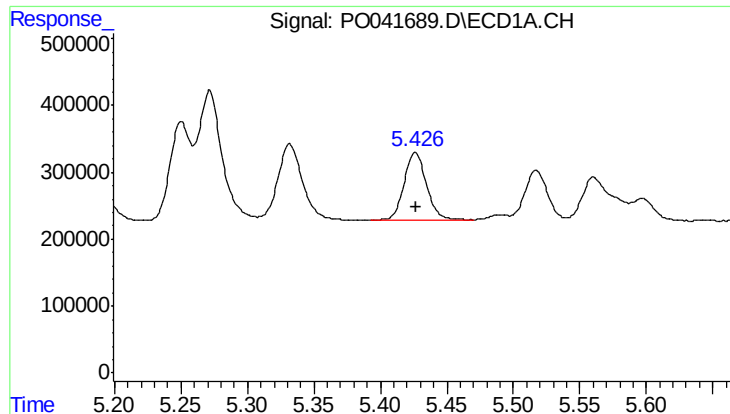
#14 AR-1232-4

R.T.: 5.332 min
Delta R.T.: 0.000 min
Response: 1472768
Conc: 534.86 ng/ml



#14 AR-1232-4

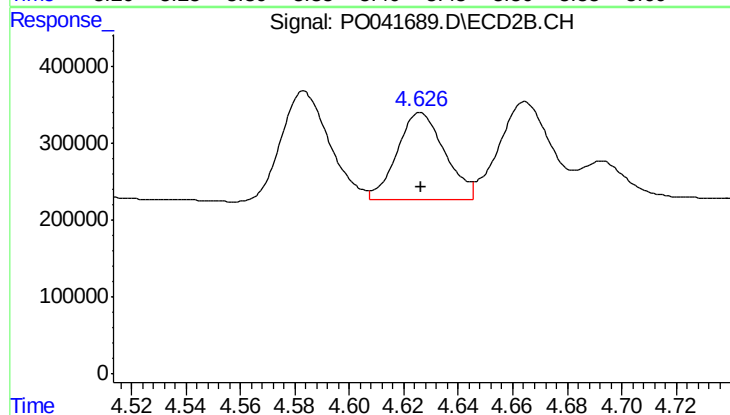
R.T.: 4.583 min
Delta R.T.: -0.001 min
Response: 1741490
Conc: 562.04 ng/ml



#15 AR-1232-5

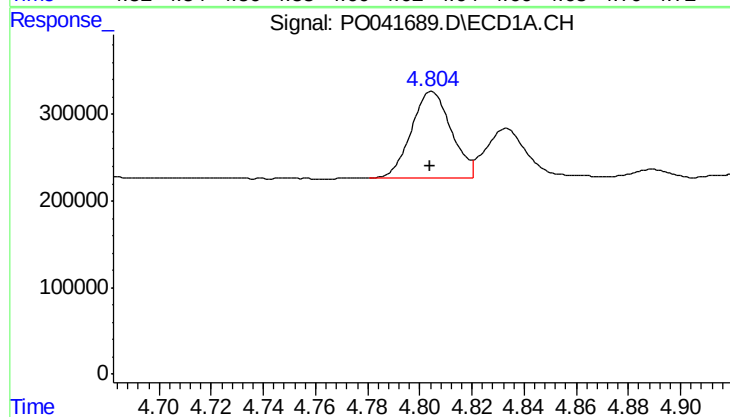
R.T.: 5.426 min
Delta R.T.: 0.000 min
Response: 1165389
Conc: 555.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



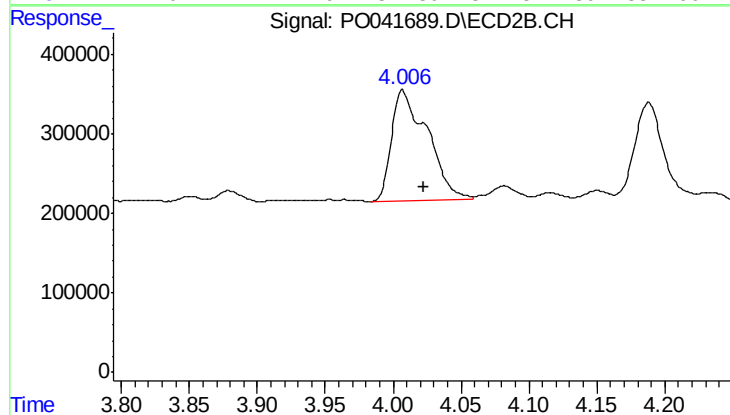
#15 AR-1232-5

R.T.: 4.626 min
Delta R.T.: 0.000 min
Response: 1375430
Conc: 636.18 ng/ml



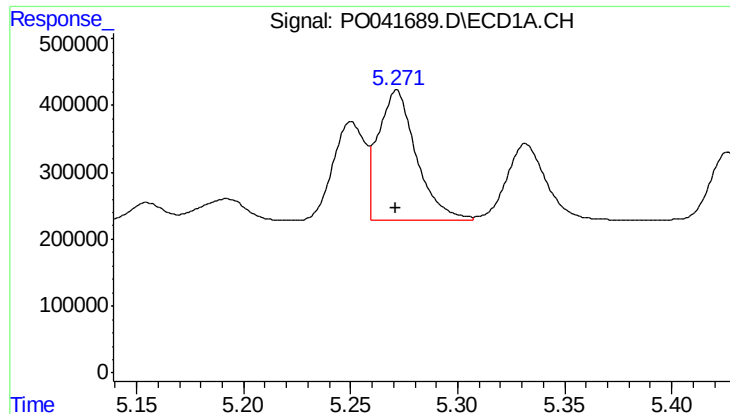
#16 AR-1242-1

R.T.: 4.804 min
Delta R.T.: 0.000 min
Response: 1062824
Conc: 342.82 ng/ml



#16 AR-1242-1

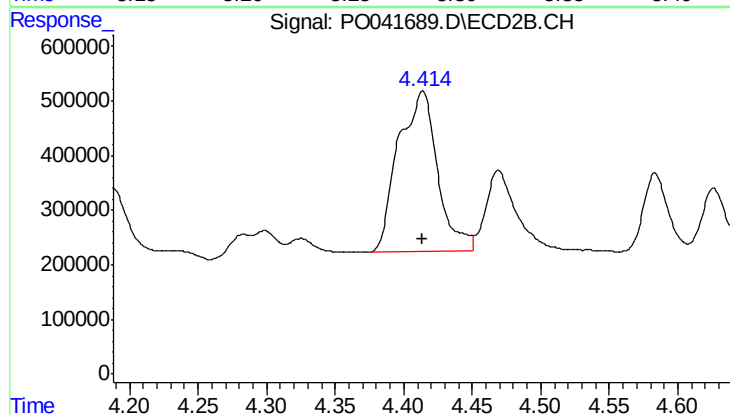
R.T.: 4.007 min
Delta R.T.: -0.015 min
Response: 2553563
Conc: 1006.23 ng/ml



#17 AR-1242-2

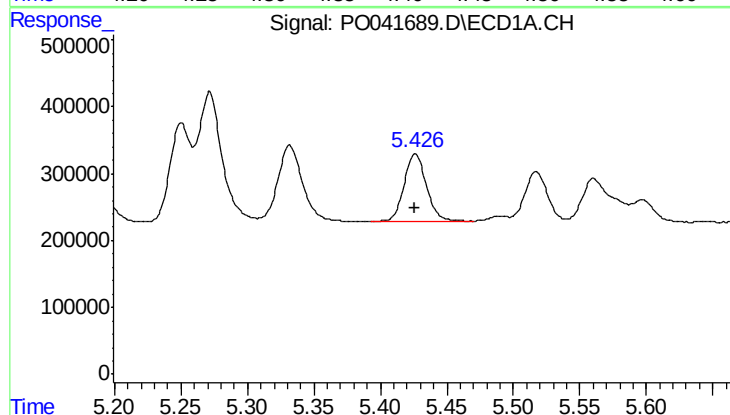
R.T.: 5.272 min
Delta R.T.: 0.000 min
Response: 2435762
Conc: 331.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



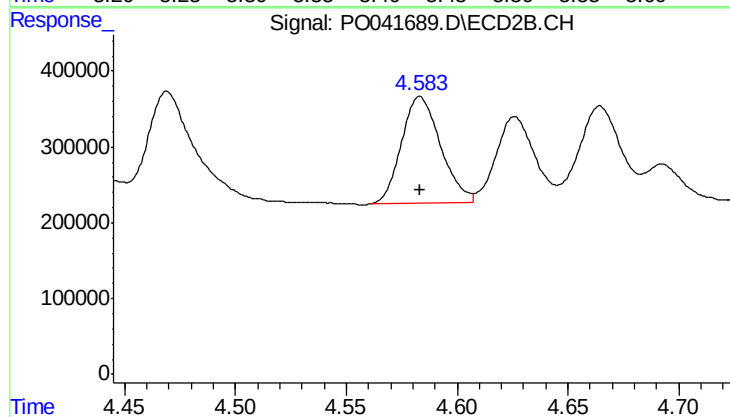
#17 AR-1242-2

R.T.: 4.414 min
Delta R.T.: 0.000 min
Response: 5859696
Conc: 341.51 ng/ml



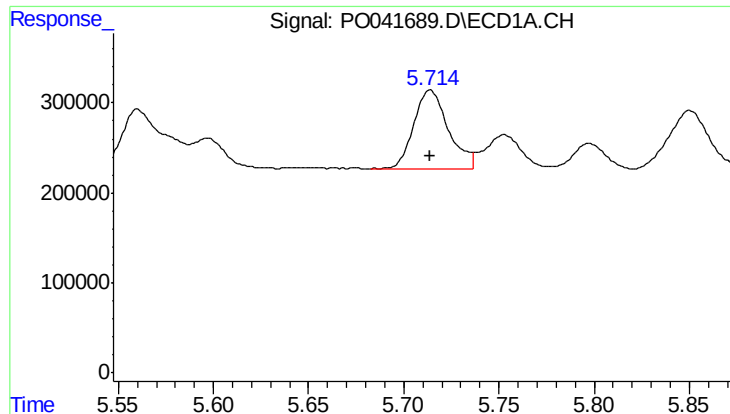
#18 AR-1242-3

R.T.: 5.426 min
Delta R.T.: 0.000 min
Response: 1165389
Conc: 317.02 ng/ml



#18 AR-1242-3

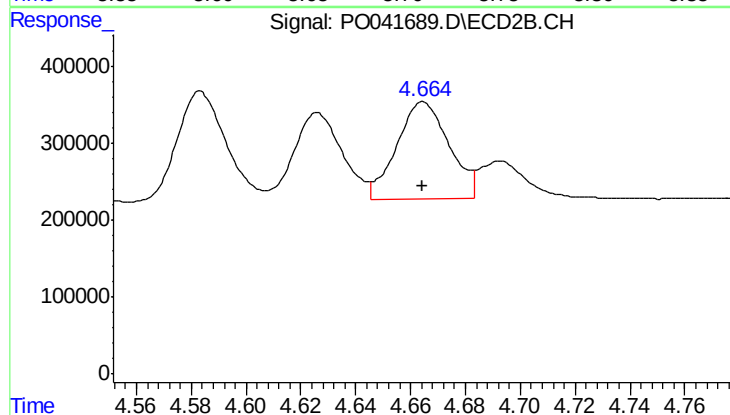
R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 1741490
Conc: 331.07 ng/ml



#19 AR-1242-4

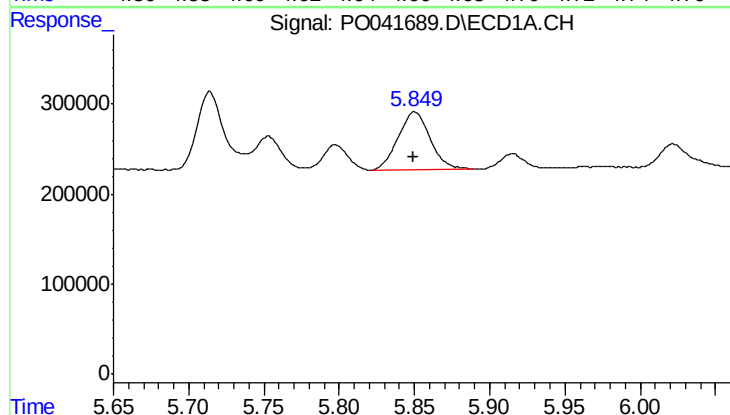
R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 1100891
Conc: 292.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



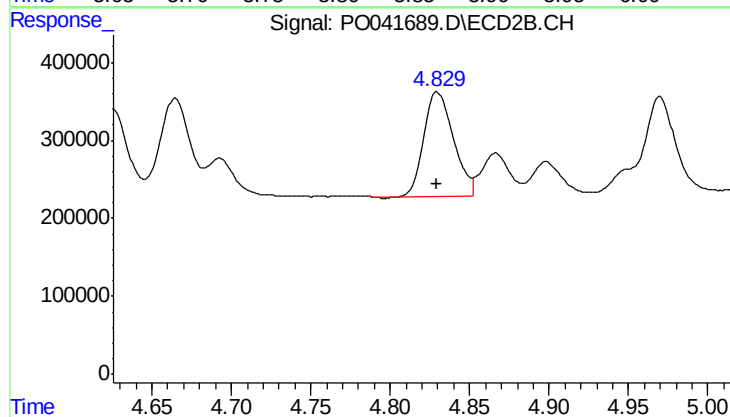
#19 AR-1242-4

R.T.: 4.665 min
Delta R.T.: 0.000 min
Response: 1664963
Conc: 318.04 ng/ml



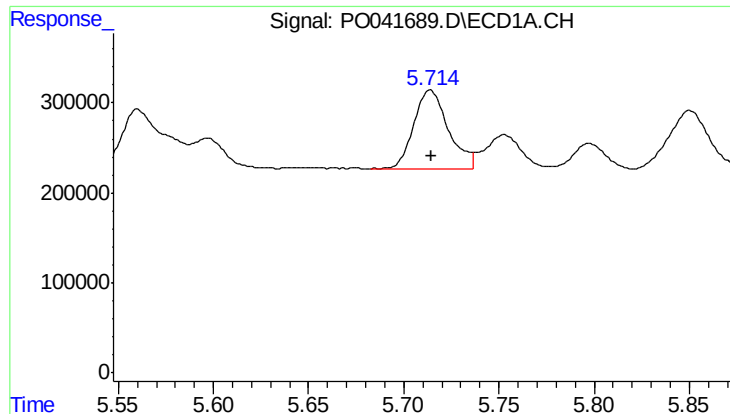
#20 AR-1242-5

R.T.: 5.850 min
Delta R.T.: 0.000 min
Response: 947672
Conc: 227.21 ng/ml



#20 AR-1242-5

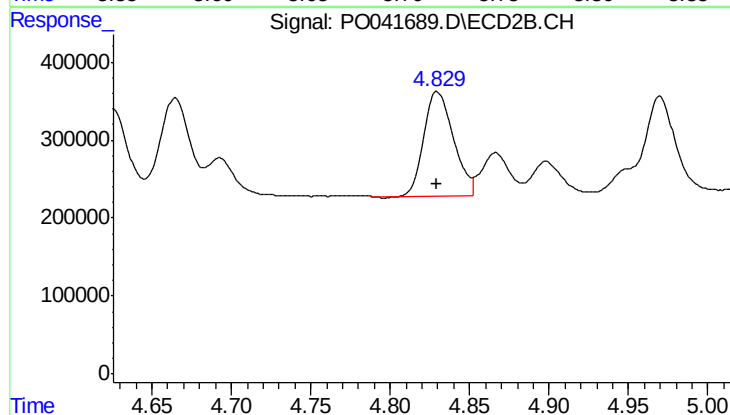
R.T.: 4.830 min
Delta R.T.: 0.000 min
Response: 1721826
Conc: 297.79 ng/ml



#21 AR-1248-1

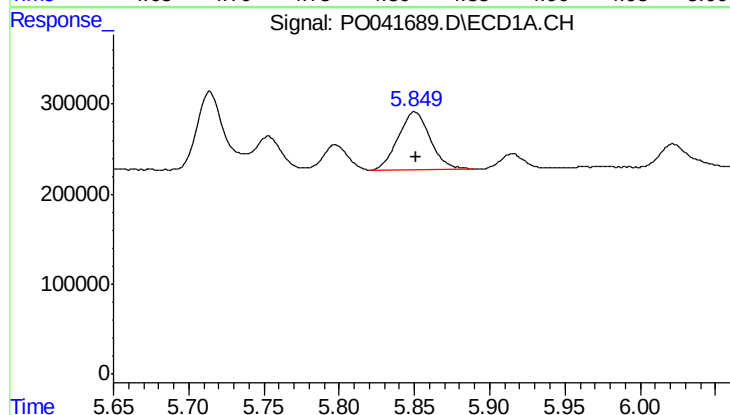
R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 1100891
Conc: 152.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



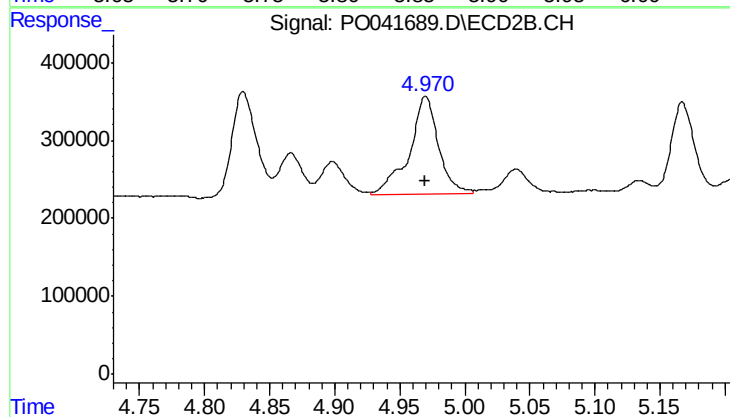
#21 AR-1248-1

R.T.: 4.830 min
Delta R.T.: 0.000 min
Response: 1721826
Conc: 157.50 ng/ml



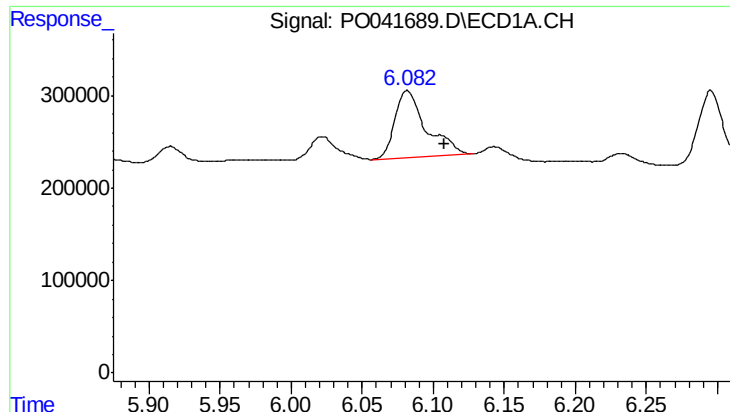
#22 AR-1248-2

R.T.: 5.850 min
Delta R.T.: -0.001 min
Response: 947672
Conc: 151.17 ng/ml



#22 AR-1248-2

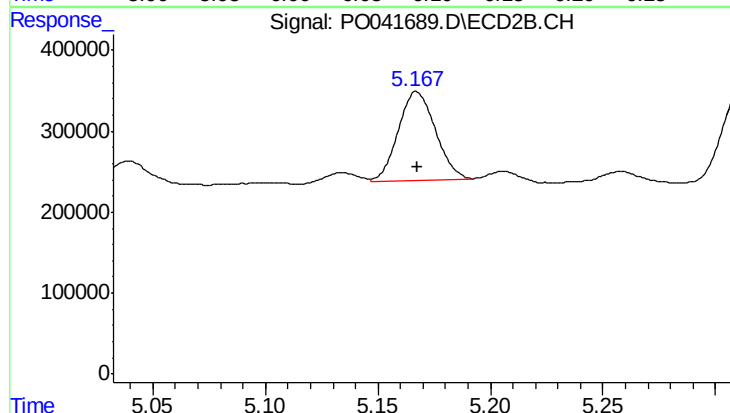
R.T.: 4.970 min
Delta R.T.: 0.000 min
Response: 1968107
Conc: 202.41 ng/ml



#23 AR-1248-3

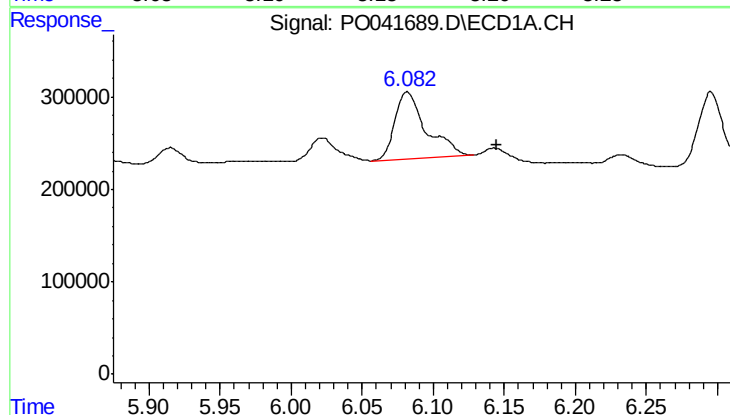
R.T.: 6.082 min
Delta R.T.: -0.026 min
Response: 1111929
Conc: 121.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



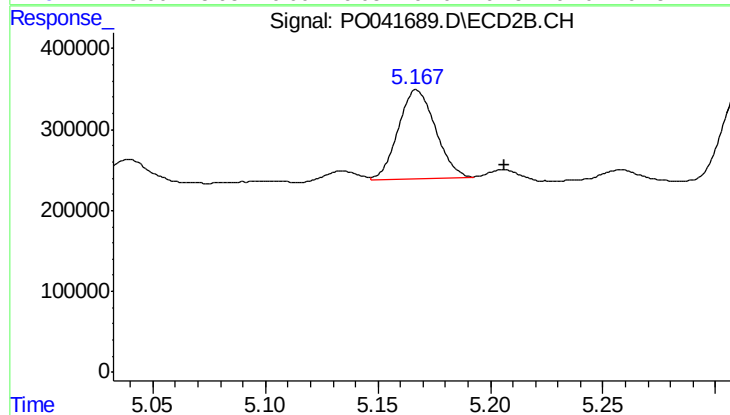
#23 AR-1248-3

R.T.: 5.167 min
Delta R.T.: 0.000 min
Response: 1250195
Conc: 73.71 ng/ml



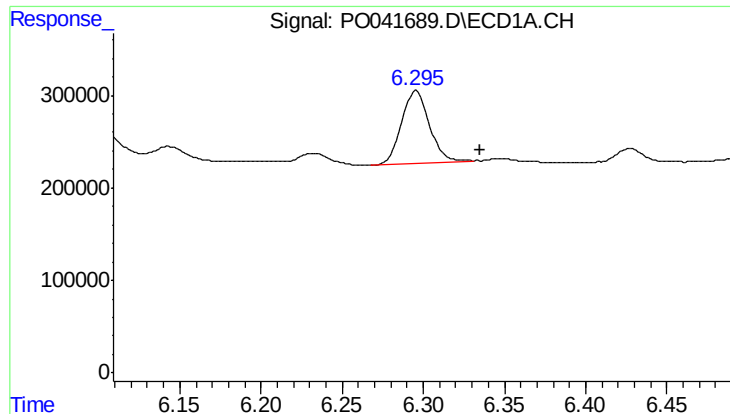
#24 AR-1248-4

R.T.: 6.082 min
Delta R.T.: -0.063 min
Response: 1111929
Conc: 124.08 ng/ml



#24 AR-1248-4

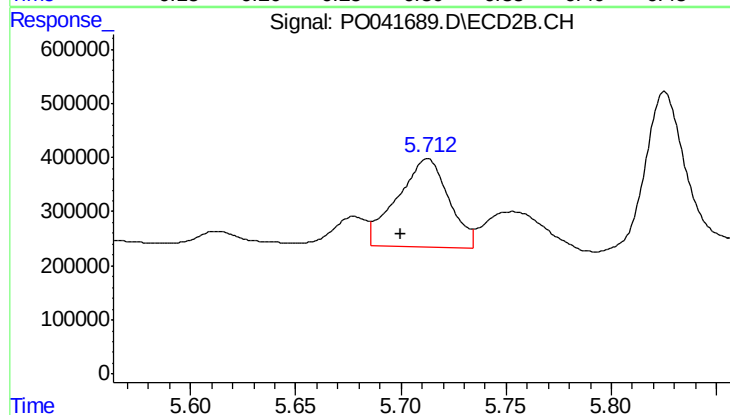
R.T.: 5.167 min
Delta R.T.: -0.039 min
Response: 1250195
Conc: 92.59 ng/ml



#25 AR-1248-5

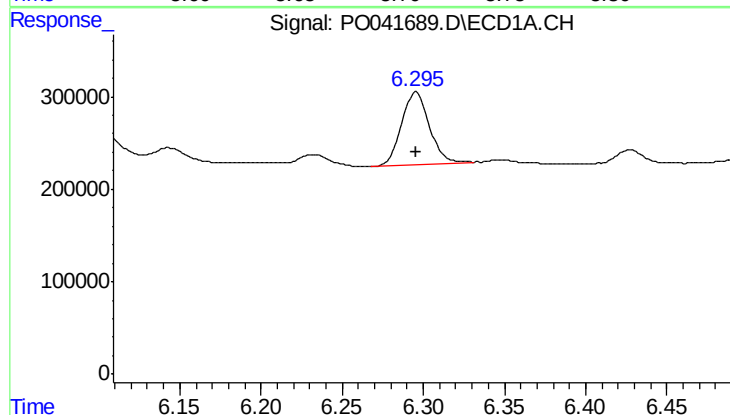
R.T.: 6.295 min
Delta R.T.: -0.040 min
Response: 939675
Conc: 157.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



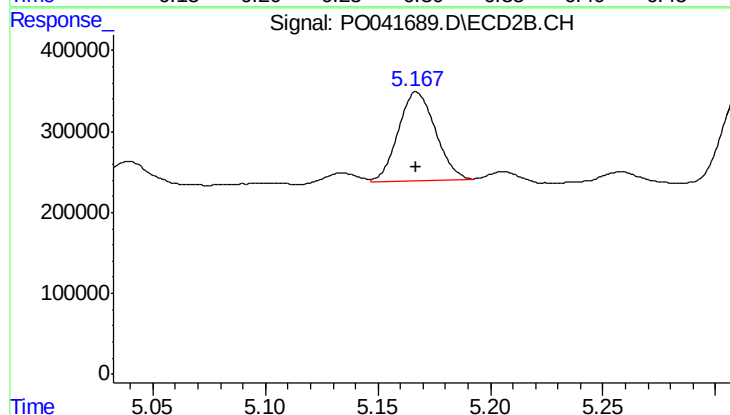
#25 AR-1248-5

R.T.: 5.713 min
Delta R.T.: 0.013 min
Response: 2775003
Conc: 360.13 ng/ml



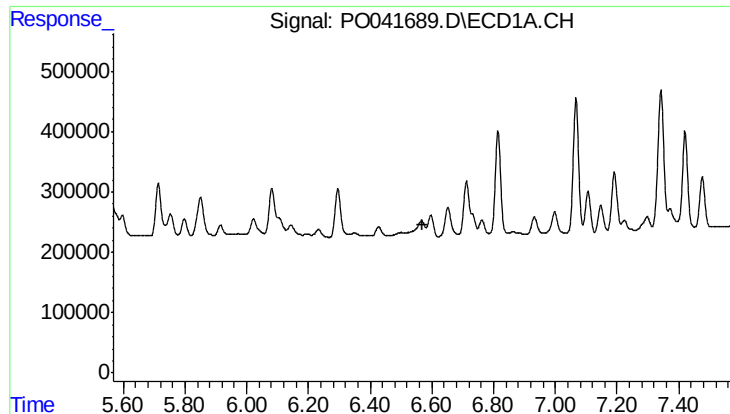
#26 AR-1254-1

R.T.: 6.295 min
Delta R.T.: 0.000 min
Response: 939675
Conc: 66.75 ng/ml



#26 AR-1254-1

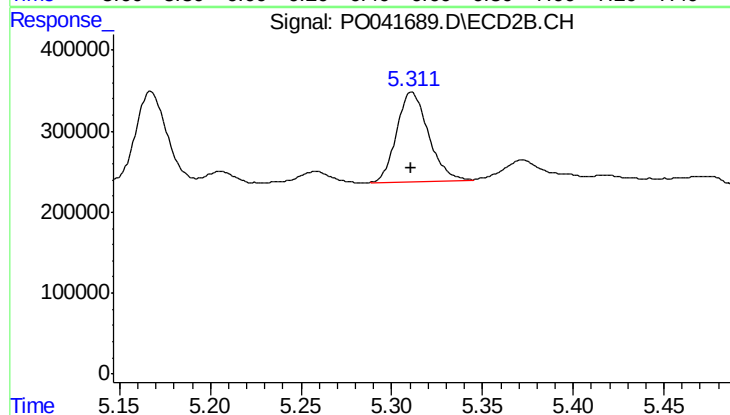
R.T.: 5.167 min
Delta R.T.: 0.000 min
Response: 1250195
Conc: 67.59 ng/ml



#27 AR-1254-2

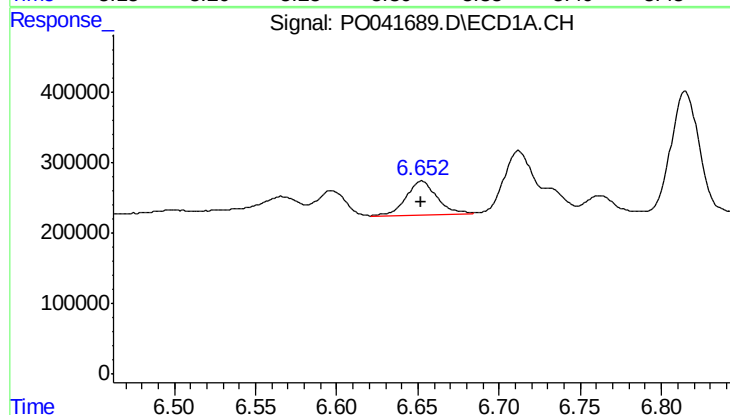
R.T.: 0.000 min
Exp R.T.: 6.568 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



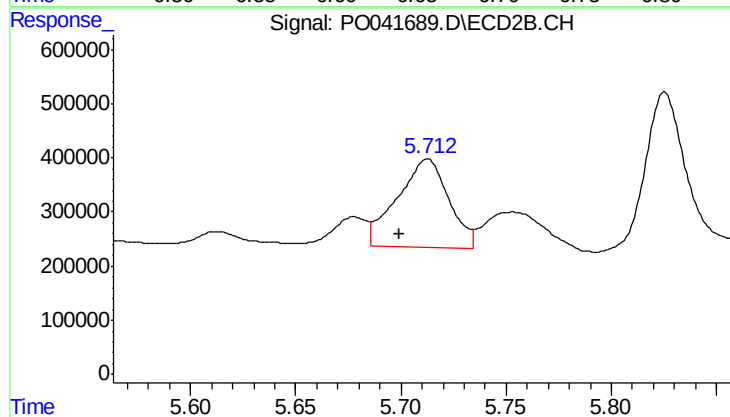
#27 AR-1254-2

R.T.: 5.311 min
Delta R.T.: 0.000 min
Response: 1342295
Conc: 81.17 ng/ml



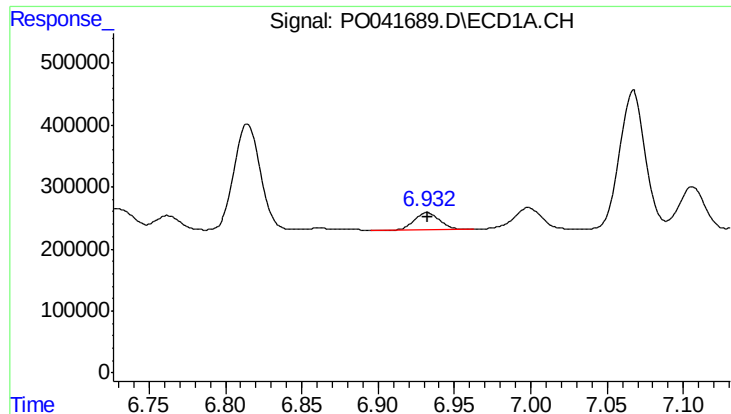
#28 AR-1254-3

R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 649395
Conc: 41.90 ng/ml



#28 AR-1254-3

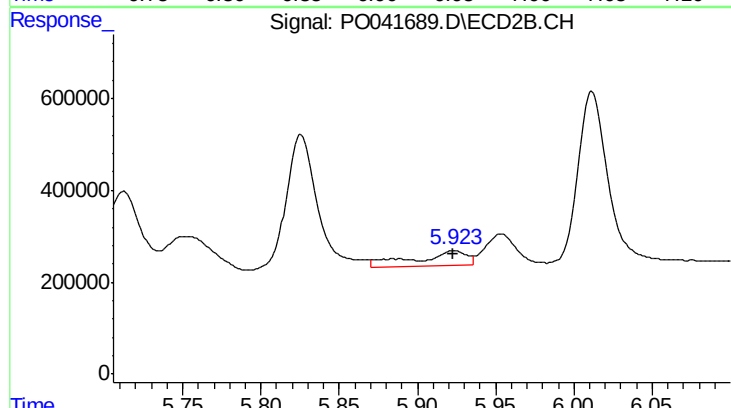
R.T.: 5.713 min
Delta R.T.: 0.013 min
Response: 2775003
Conc: 100.86 ng/ml



#29 AR-1254-4

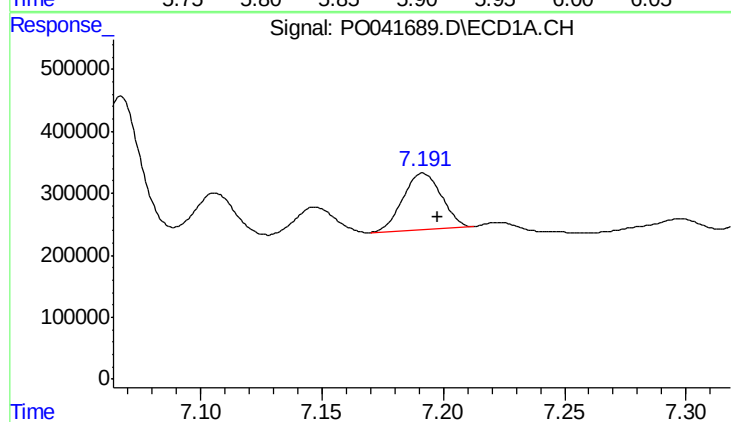
R.T.: 6.932 min
Delta R.T.: 0.000 min
Response: 326084
Conc: 24.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



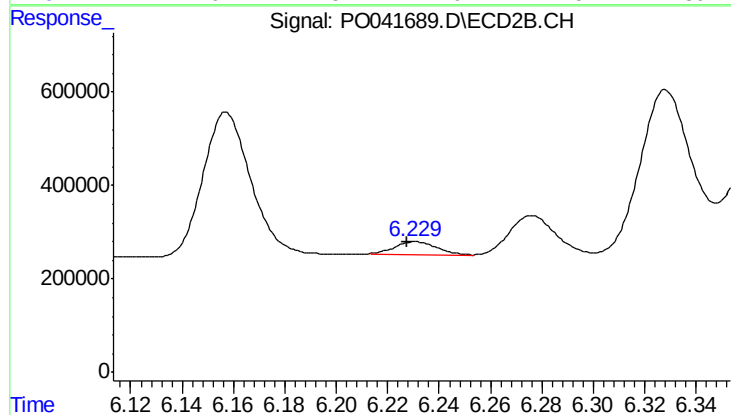
#29 AR-1254-4

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 788143
Conc: 40.45 ng/ml



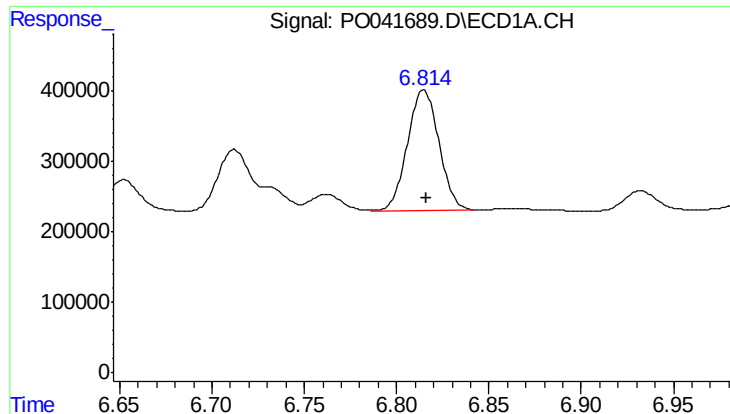
#30 AR-1254-5

R.T.: 7.192 min
Delta R.T.: -0.006 min
Response: 997979
Conc: 106.01 ng/ml



#30 AR-1254-5

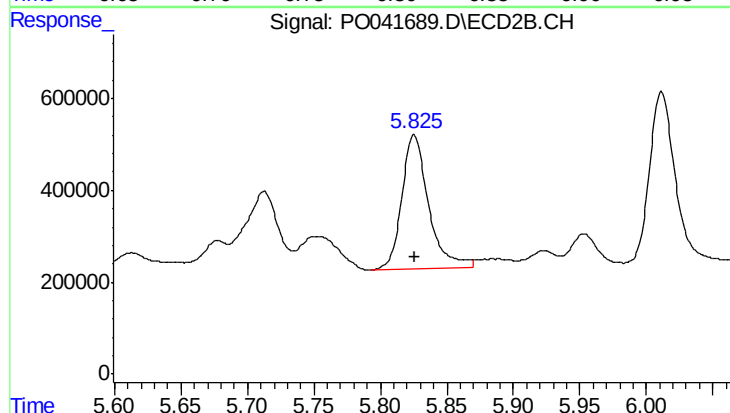
R.T.: 6.231 min
Delta R.T.: 0.003 min
Response: 315491
Conc: 23.82 ng/ml



#31 AR-1260-1

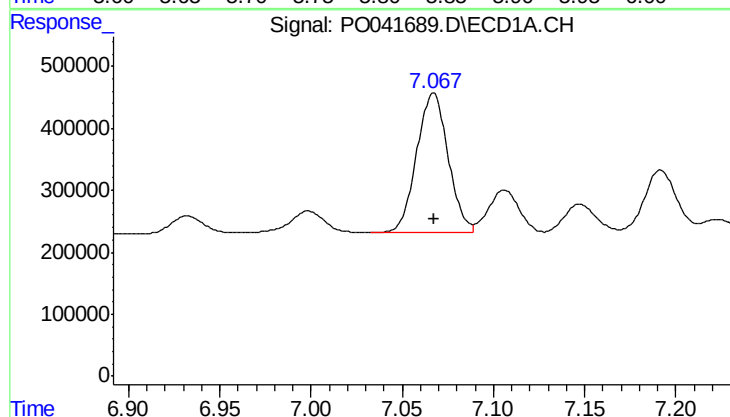
R.T.: 6.815 min
Delta R.T.: -0.002 min
Response: 2032832
Conc: 161.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



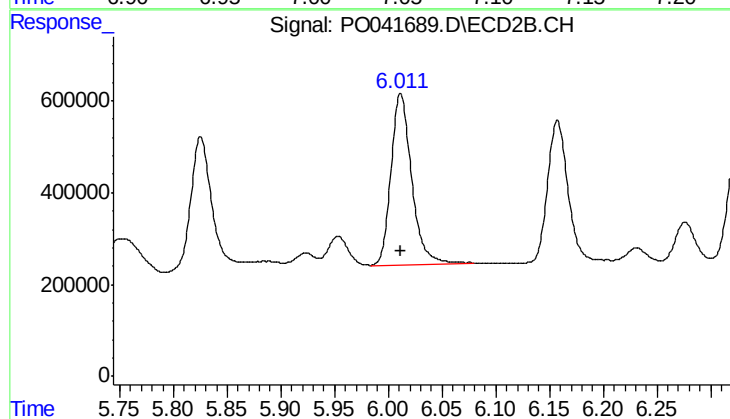
#31 AR-1260-1

R.T.: 5.825 min
Delta R.T.: 0.000 min
Response: 4127403
Conc: 193.35 ng/ml



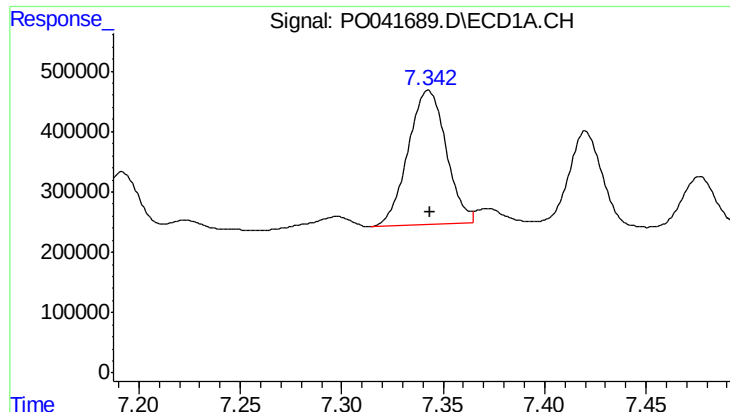
#32 AR-1260-2

R.T.: 7.067 min
Delta R.T.: 0.000 min
Response: 2691448
Conc: 154.69 ng/ml



#32 AR-1260-2

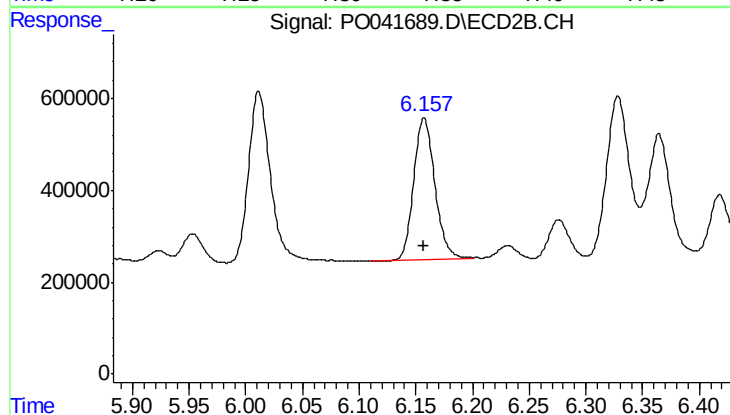
R.T.: 6.011 min
Delta R.T.: 0.000 min
Response: 5001913
Conc: 158.36 ng/ml



#33 AR-1260-3

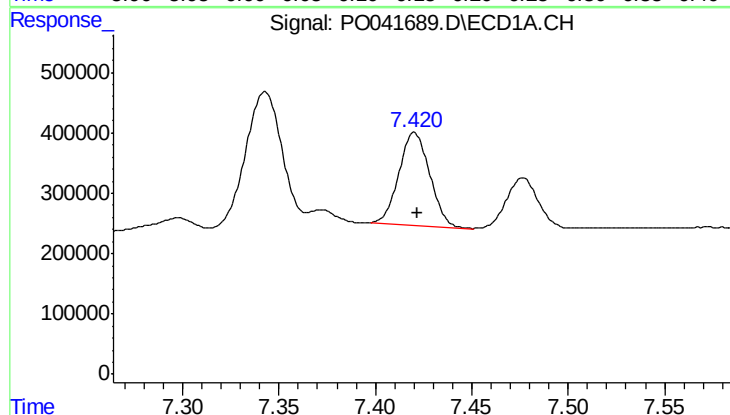
R.T.: 7.343 min
Delta R.T.: 0.000 min
Response: 2922996
Conc: 145.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



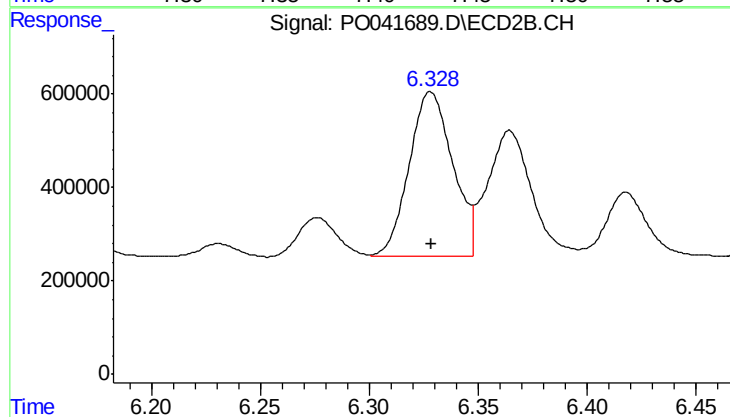
#33 AR-1260-3

R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 3960367
Conc: 151.74 ng/ml



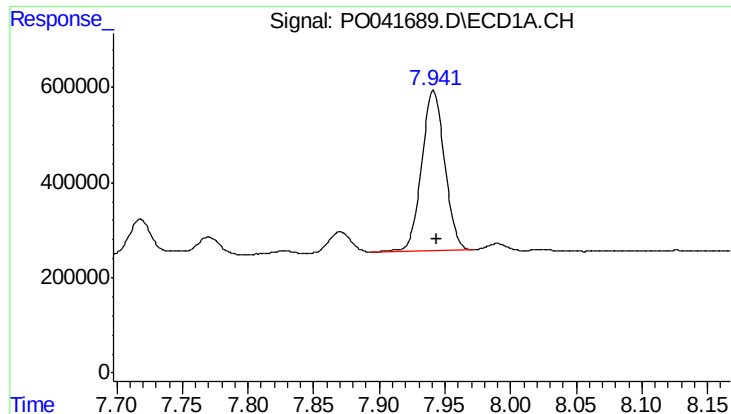
#34 AR-1260-4

R.T.: 7.420 min
Delta R.T.: -0.002 min
Response: 1702883
Conc: 144.78 ng/ml



#34 AR-1260-4

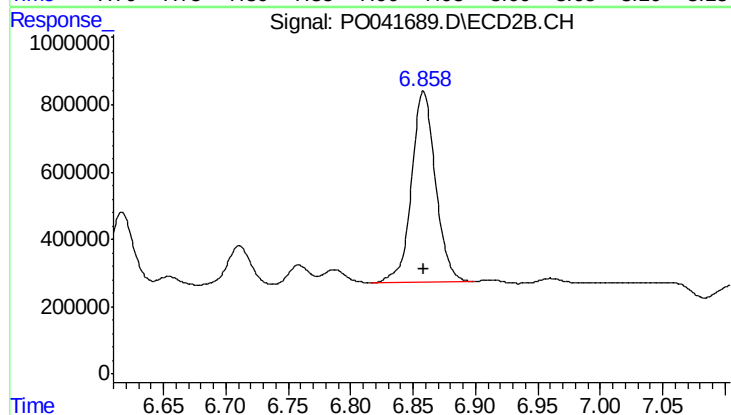
R.T.: 6.328 min
Delta R.T.: 0.000 min
Response: 4956585
Conc: 145.37 ng/ml



#35 AR-1260-5

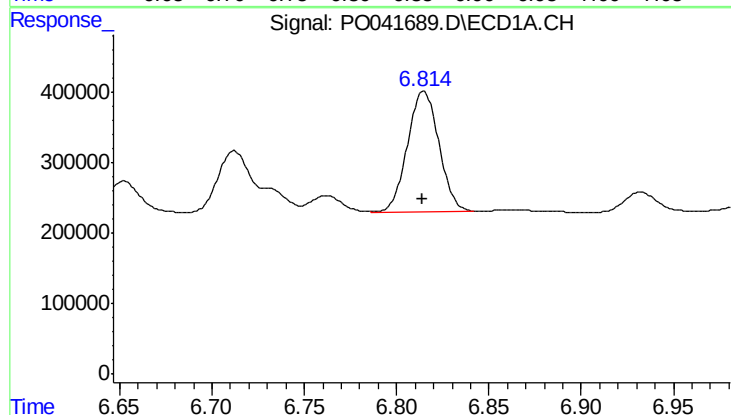
R.T.: 7.941 min
Delta R.T.: -0.002 min
Response: 4103137
Conc: 156.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



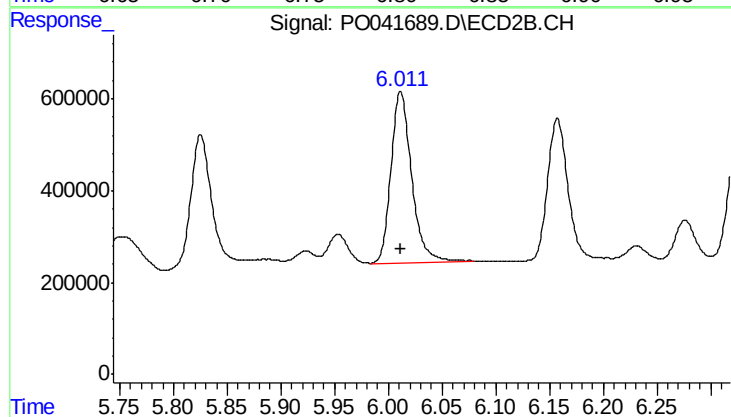
#35 AR-1260-5

R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 7574749
Conc: 141.18 ng/ml



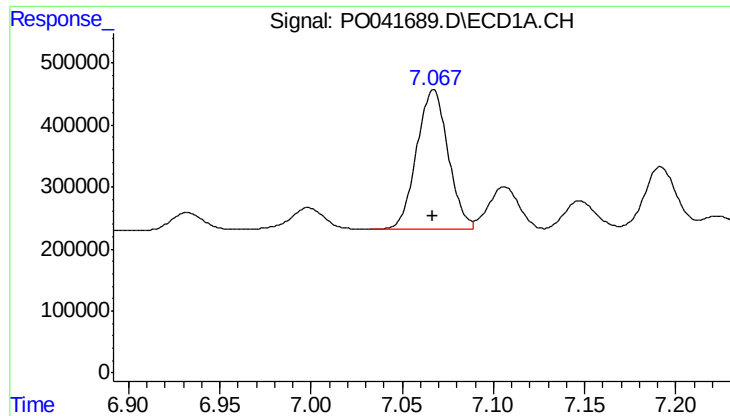
#36 AR-1262-1

R.T.: 6.815 min
Delta R.T.: 0.000 min
Response: 2032832
Conc: 214.94 ng/ml



#36 AR-1262-1

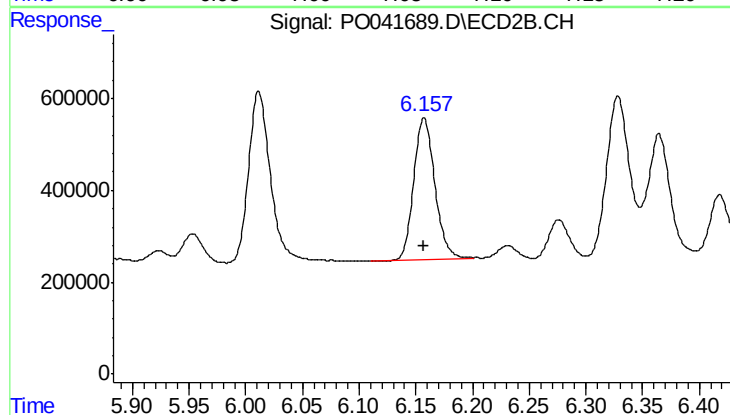
R.T.: 6.011 min
Delta R.T.: 0.000 min
Response: 5001913
Conc: 225.20 ng/ml



#37 AR-1262-2

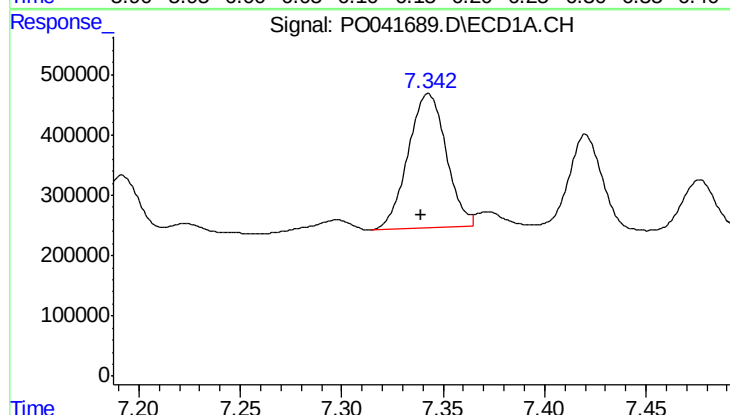
R.T.: 7.067 min
Delta R.T.: 0.000 min
Response: 2691448
Conc: 231.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



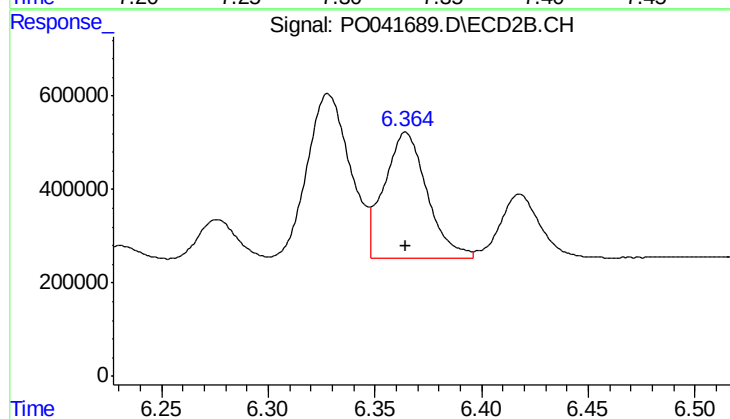
#37 AR-1262-2

R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 3960367
Conc: 196.93 ng/ml



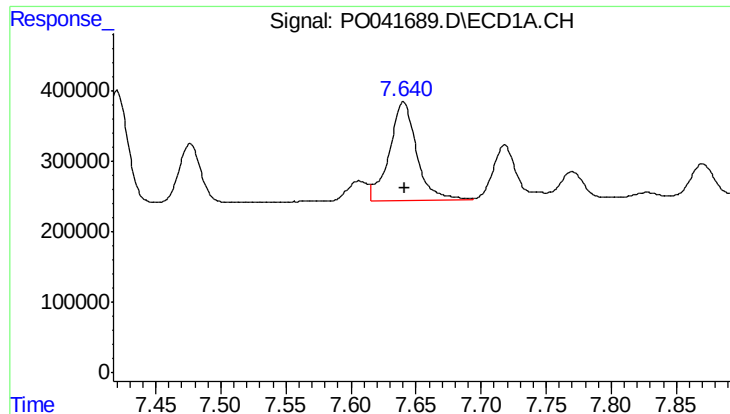
#38 AR-1262-3

R.T.: 7.343 min
Delta R.T.: 0.003 min
Response: 2922996
Conc: 254.03 ng/ml



#38 AR-1262-3

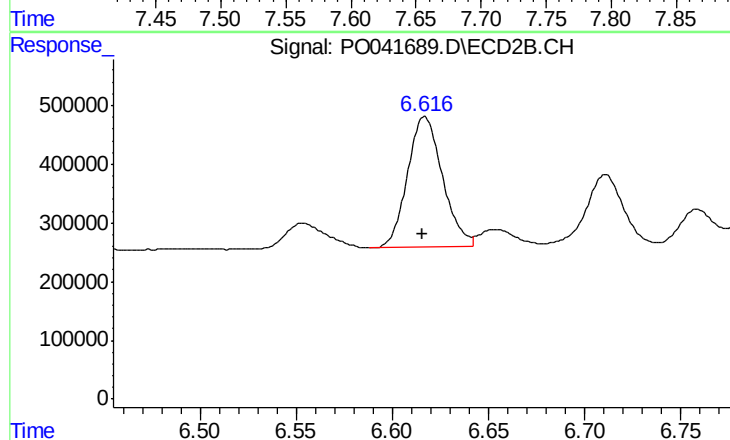
R.T.: 6.364 min
Delta R.T.: 0.000 min
Response: 3802767
Conc: 102.60 ng/ml



#39 AR-1262-4

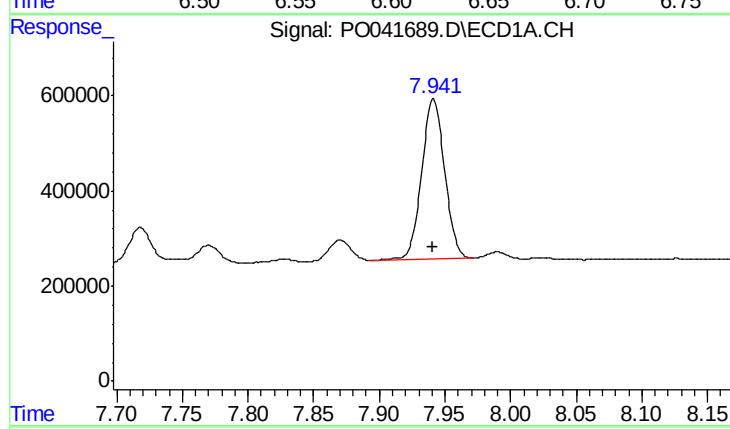
R.T.: 7.640 min
Delta R.T.: 0.000 min
Response: 2028199
Conc: 132.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



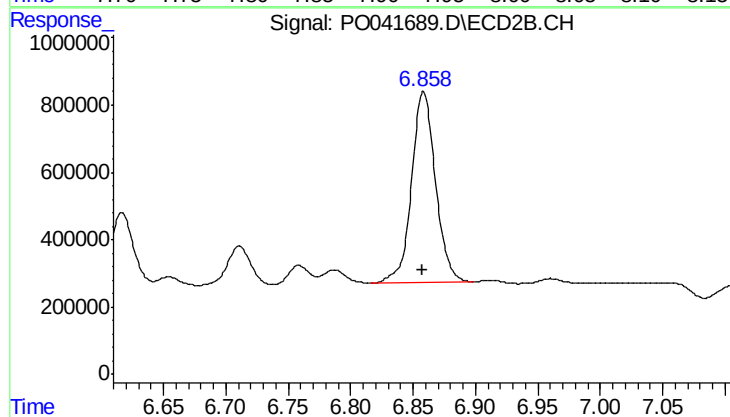
#39 AR-1262-4

R.T.: 6.617 min
Delta R.T.: 0.001 min
Response: 2829368
Conc: 102.16 ng/ml



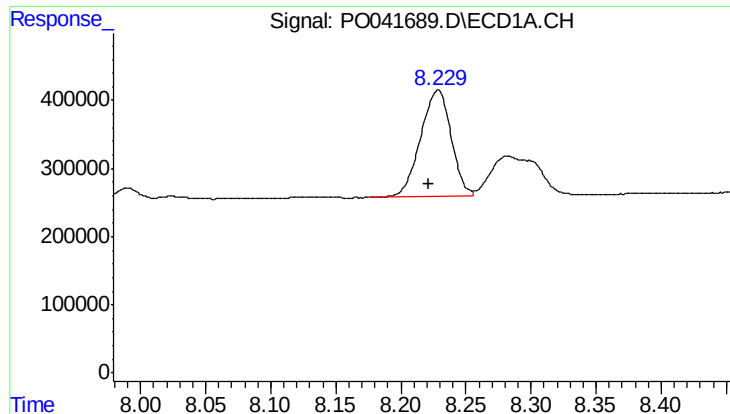
#40 AR-1262-5

R.T.: 7.941 min
Delta R.T.: 0.000 min
Response: 4103137
Conc: 127.46 ng/ml



#40 AR-1262-5

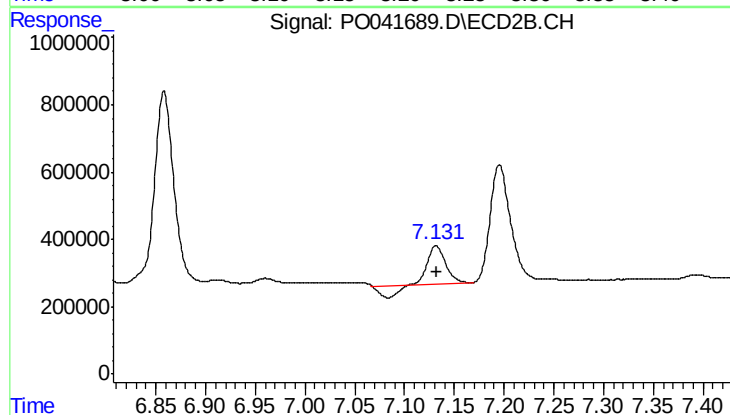
R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 7574749
Conc: 119.56 ng/ml



#41 AR-1268-1

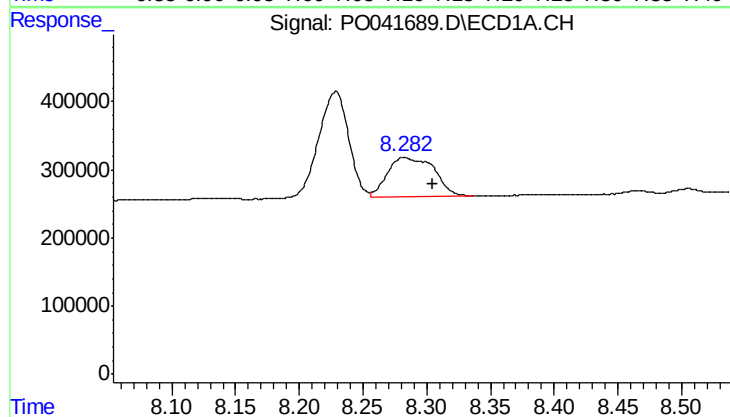
R.T.: 8.229 min
Delta R.T.: 0.008 min
Response: 2555030
Conc: 67.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



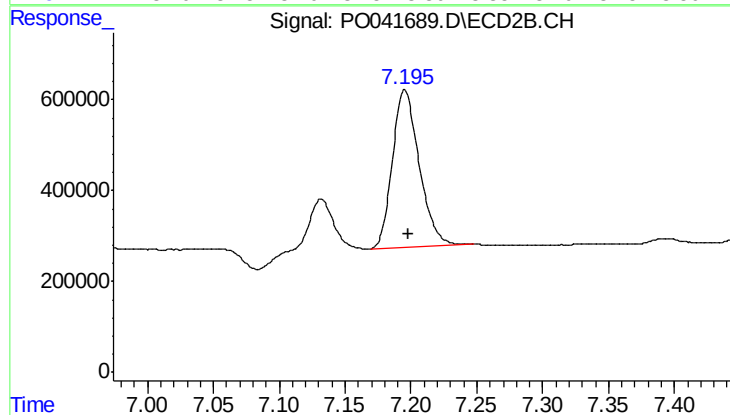
#41 AR-1268-1

R.T.: 7.132 min
Delta R.T.: 0.000 min
Response: 1037144
Conc: 14.15 ng/ml



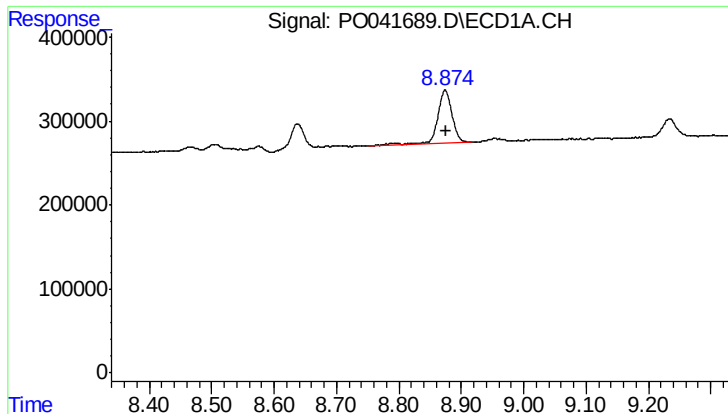
#42 AR-1268-2

R.T.: 8.282 min
Delta R.T.: -0.022 min
Response: 1447064
Conc: 43.61 ng/ml



#42 AR-1268-2

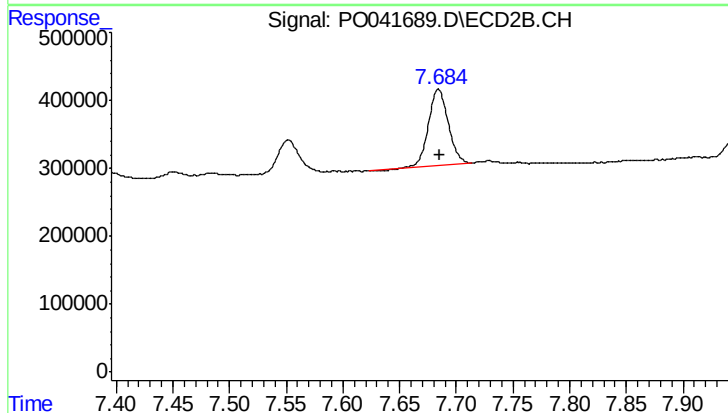
R.T.: 7.195 min
Delta R.T.: -0.003 min
Response: 4935332
Conc: 76.33 ng/ml



#44 AR-1268-4

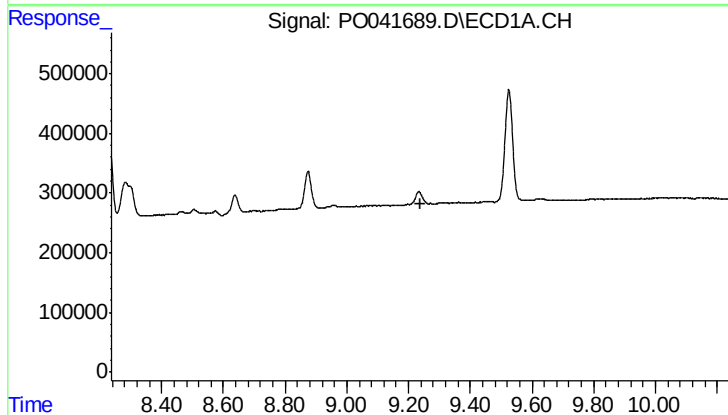
R.T.: 8.874 min
Delta R.T.: -0.002 min
Response: 1008854
Conc: 80.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



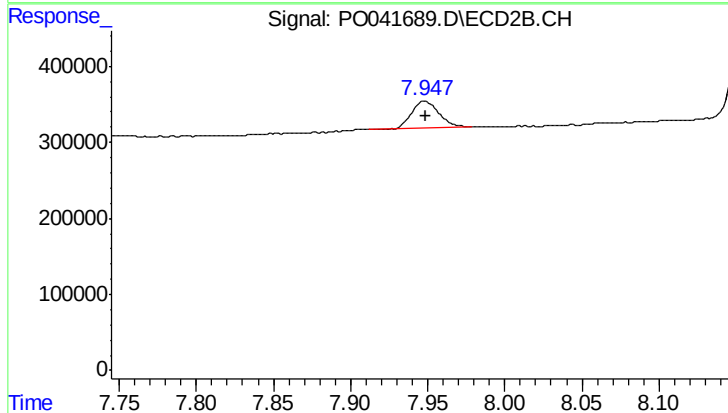
#44 AR-1268-4

R.T.: 7.684 min
Delta R.T.: -0.001 min
Response: 1360791
Conc: 61.26 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.237 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 7.948 min
Delta R.T.: -0.001 min
Response: 443580
Conc: 3.08 ng/ml