

Data Path : P:\HPCHEM1\ECD_0\Data\P0040518\
 Data File : P0043639.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 05 Apr 2018 20:28
 Operator : SM/UA
 Sample : PB107889BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB107889BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 06 00:58:01 2018
 Quant Method : P:\HPCHEM1\ECD_0\methods\P0040418.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 04 15:17:57 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...	4.065	3.324	4654049	5926599	26.179	22.058
2) SA Decachlor...	9.405	8.083	3325278	4362824	18.452	18.609
Target Compounds						
3) L1 AR-1016-1	4.928	4.138	1275778	1659664	289.341	243.413
4) L1 AR-1016-2	5.266	4.572	1770177	1474834	298.971	253.091
5) L1 AR-1016-3	5.360	4.610	1327775	1793767	275.082	254.254
6) L1 AR-1016-4	5.781	4.774	1133982	1802759	202.104	233.521
7) L1 AR-1016-5	6.010	5.108	961356	1545405	202.606	207.525
8) L2 AR-1221-1	0.000	3.525	0	193938	N.D.	39.651 #
9) L2 AR-1221-2	4.350	3.608	225506	303485	94.891	86.606
10) L2 AR-1221-3	4.422	3.678	870091	1094216	112.152	97.692
11) L3 AR-1232-1	4.422	3.678	870091	1094216	218.440	186.736
12) L3 AR-1232-2	5.186	4.361	1697801	6057048	582.392	507.091
13) L3 AR-1232-3	5.206	4.417	2922669	2463209	608.981	473.793
14) L3 AR-1232-4	5.266	4.530	1770177	1823843	630.829	451.571 #
15) L3 AR-1232-5	5.360	4.572	1327775	1474834	599.423	502.456
16) L4 AR-1242-1	4.742	4.138	1261968	1659664	366.401	282.606
17) L4 AR-1242-2	5.206	4.361	2922669	6057048	365.902	294.317
18) L4 AR-1242-3	5.360	4.530	1327775	1823843	344.369	287.640
19) L4 AR-1242-4	5.645	4.610	1290929	1793767	326.549	293.777
20) L4 AR-1242-5	5.781	4.774	1133982	1802759	245.462	280.325
21) L5 AR-1248-1	5.645	4.774	1290929	1802759	183.810	156.005
22) L5 AR-1248-2	5.781	4.913	1133982	1581468	183.407	149.153
23) L5 AR-1248-3	6.035	5.108	153583	1545405	17.620	88.044 #
24) L5 AR-1248-4	6.035	5.148	153583	261636	17.137	18.656
25) L5 AR-1248-5	6.221	5.649	1024485	2631260	181.939	269.963 #
26) L6 AR-1254-1	6.221	5.108	1024485	1545405	68.316	71.013
27) L6 AR-1254-2	6.494	5.251	183280	1417439	19.303	73.131 #
28) L6 AR-1254-3	6.583	5.649	1828955	2631260	110.824	83.113 #
29) L6 AR-1254-4	6.855	5.862	397625	256190	29.190	10.382 #
30) L6 AR-1254-5	7.143	6.163	190665	431795	19.547	29.796 #
31) L7 AR-1260-1	6.738	5.761	2282971	3595723	226.606	215.136
32) L7 AR-1260-2	6.989	5.948	2697779	6381206	210.266	301.568 #
33) L7 AR-1260-3	7.341	6.263	1910905	4722670	188.998	214.468
34) L7 AR-1260-4	7.861	6.791	3822731	6537581	184.762	176.980
35) L7 AR-1260-5	8.145	7.126	2434651	4503040	194.472	175.108
36) L8 AR-1262-1	6.738	5.948	2282971	6381206	237.517	293.305
37) L8 AR-1262-2	6.989	6.092	2697779	3954083	220.281	195.897
38) L8 AR-1262-3	7.265	6.297	3222318	3632609	286.029	104.283 #

Data Path : P:\HPCHEM1\ECD_0\Data\P0040518\
Data File : P0043639.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2018 20:28
Operator : SM/UA
Sample : PB107889BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

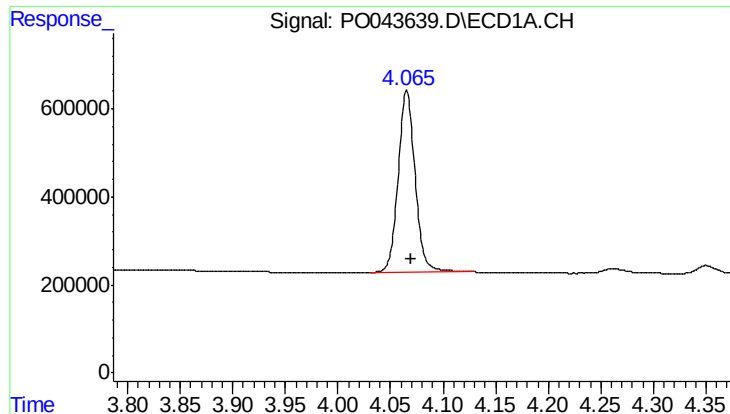
Instrument :
ECD_O
ClientSampleId :
PB107889BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 00:58:01 2018
Quant Method : P:\HPCHEM1\ECD_0\methods\P0040418.M
Quant Title : GC EXTRACTABLES
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
39)	L8 AR-1262-4	7.561	6.548	1961194	2607783	131.107	96.160 #
40)	L8 AR-1262-5	7.861	6.791	3822731	6537581	125.611	112.119
41)	L9 AR-1268-1	8.145	7.061	2434651	1365885	77.335	23.452 #
42)	L9 AR-1268-2	8.213	7.126	549985	4503040	19.744	86.281 #
44)	L9 AR-1268-4	8.775	7.614	974289	1212120	98.757	74.097
45)	L9 AR-1268-5	9.124	7.876	311745	349232	4.531	3.159 #

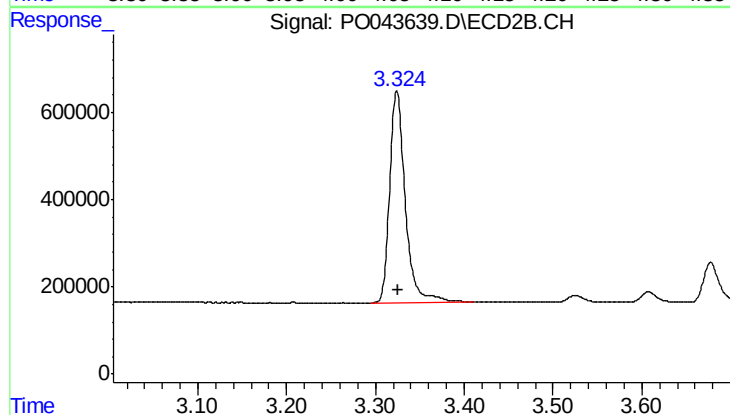
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

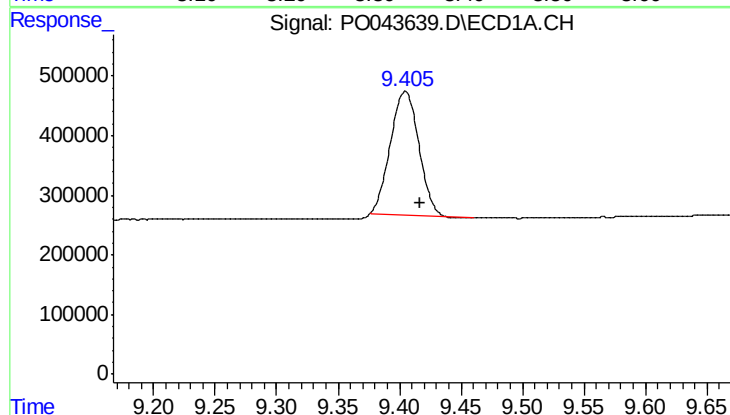
R.T.: 4.065 min
Delta R.T.: -0.004 min
Response: 4654049
Conc: 26.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB107889BS



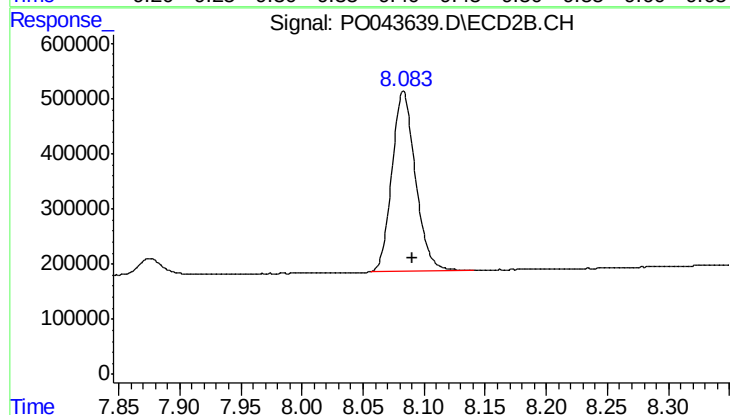
#1 Tetrachloro-m-xylene

R.T.: 3.324 min
Delta R.T.: -0.002 min
Response: 5926599
Conc: 22.06 ng/ml



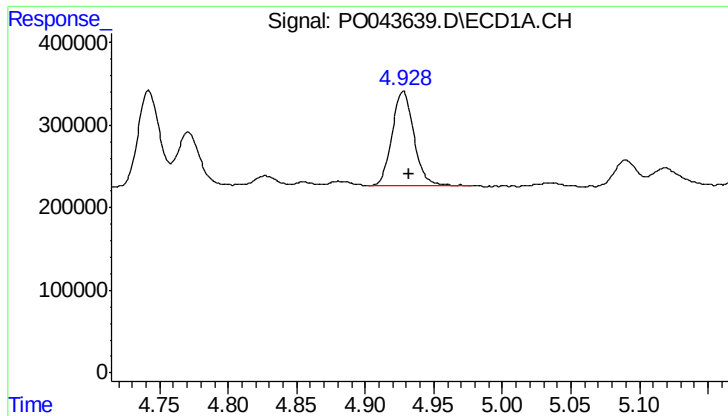
#2 Decachlorobiphenyl

R.T.: 9.405 min
Delta R.T.: -0.012 min
Response: 3325278
Conc: 18.45 ng/ml



#2 Decachlorobiphenyl

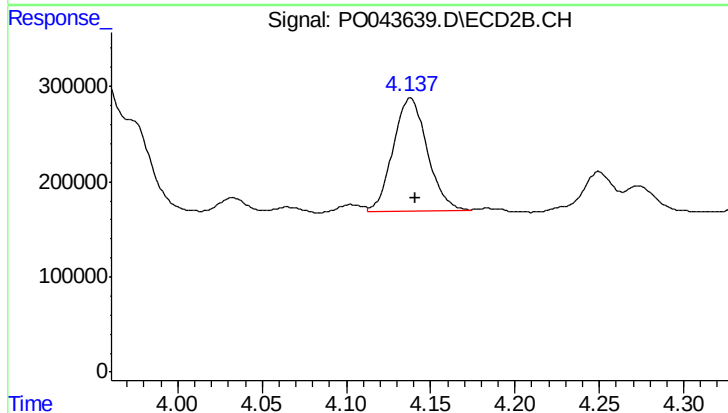
R.T.: 8.083 min
Delta R.T.: -0.007 min
Response: 4362824
Conc: 18.61 ng/ml



#3 AR-1016-1

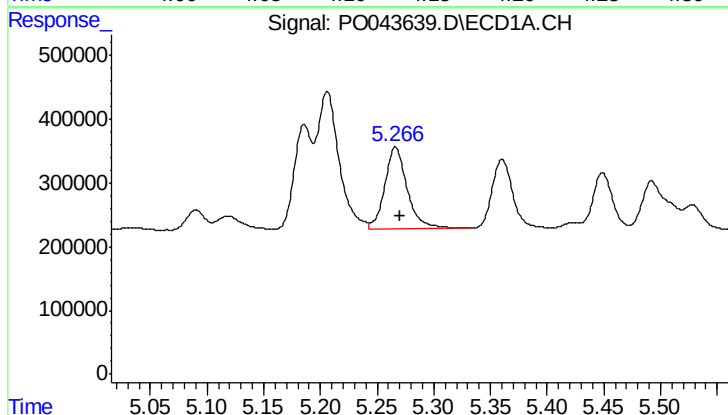
R.T.: 4.928 min
Delta R.T.: -0.004 min
Response: 1275778
Conc: 289.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB107889BS



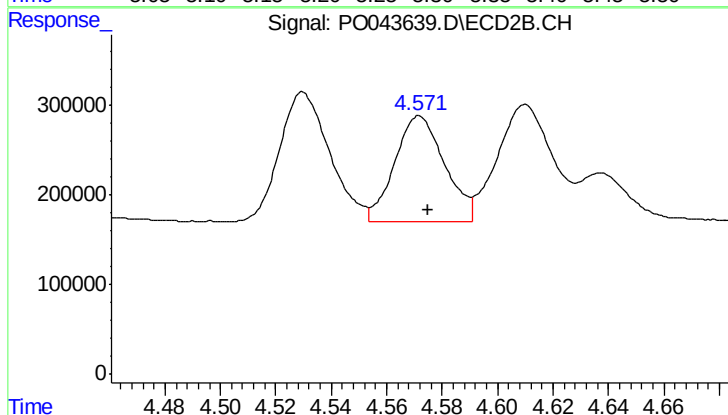
#3 AR-1016-1

R.T.: 4.138 min
Delta R.T.: -0.003 min
Response: 1659664
Conc: 243.41 ng/ml



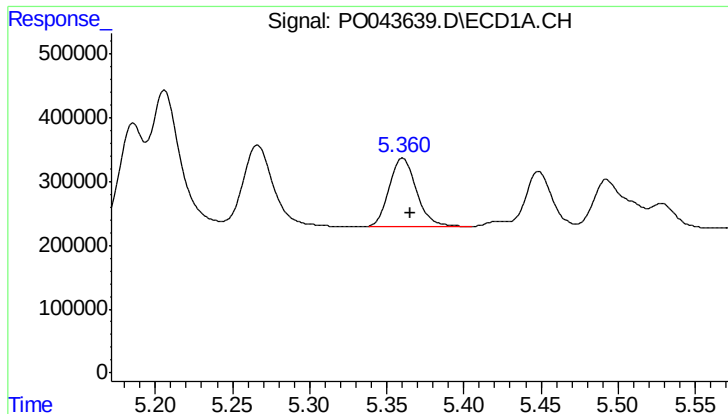
#4 AR-1016-2

R.T.: 5.266 min
Delta R.T.: -0.004 min
Response: 1770177
Conc: 298.97 ng/ml



#4 AR-1016-2

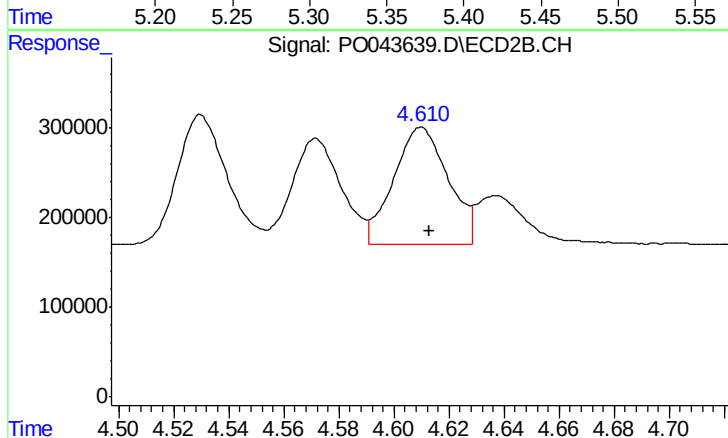
R.T.: 4.572 min
Delta R.T.: -0.003 min
Response: 1474834
Conc: 253.09 ng/ml



#5 AR-1016-3

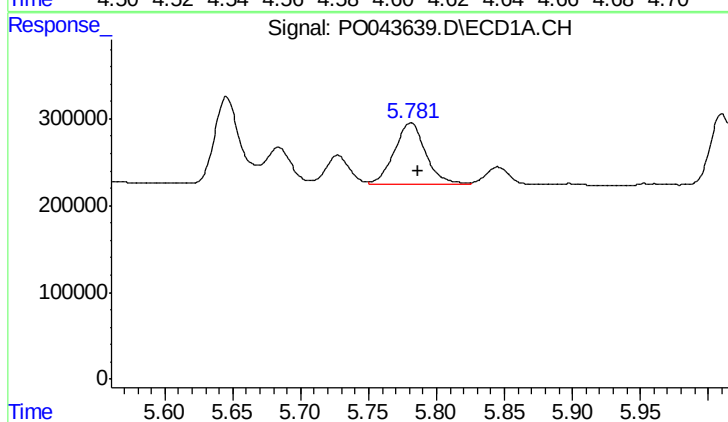
R.T.: 5.360 min
Delta R.T.: -0.005 min
Response: 1327775
Conc: 275.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB107889BS



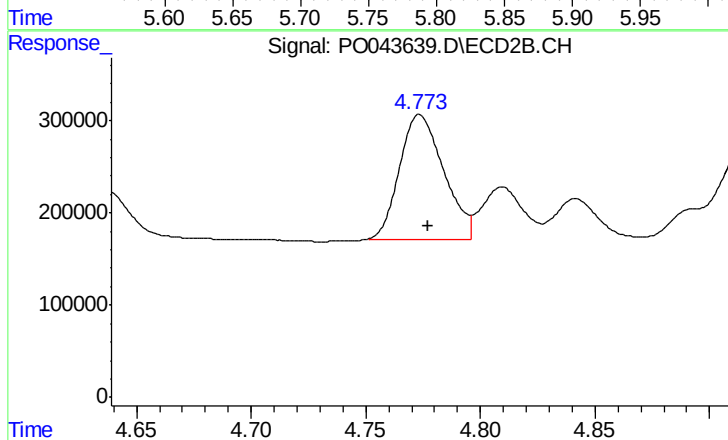
#5 AR-1016-3

R.T.: 4.610 min
Delta R.T.: -0.003 min
Response: 1793767
Conc: 254.25 ng/ml



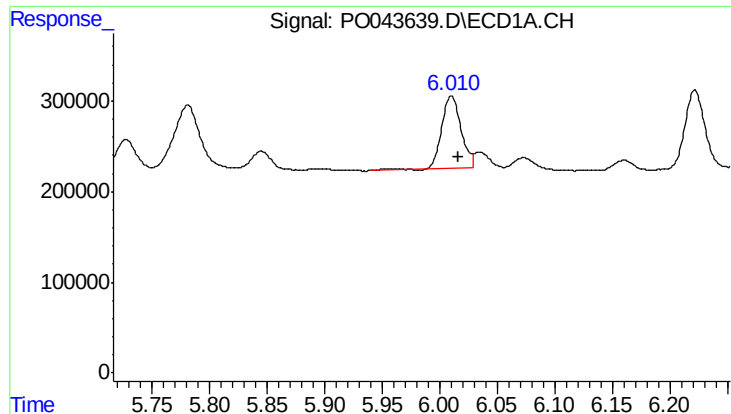
#6 AR-1016-4

R.T.: 5.781 min
Delta R.T.: -0.005 min
Response: 1133982
Conc: 202.10 ng/ml



#6 AR-1016-4

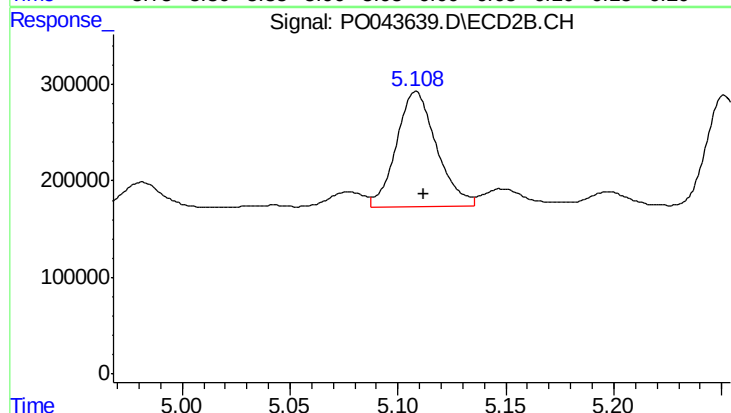
R.T.: 4.774 min
Delta R.T.: -0.004 min
Response: 1802759
Conc: 233.52 ng/ml



#7 AR-1016-5

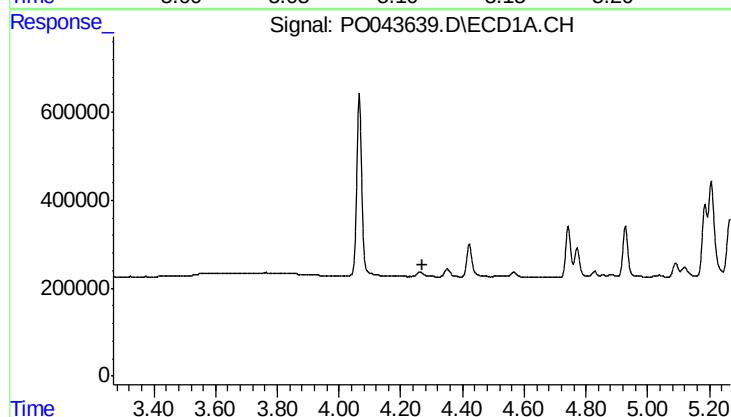
R.T.: 6.010 min
Delta R.T.: -0.006 min
Response: 961356
Conc: 202.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB107889BS



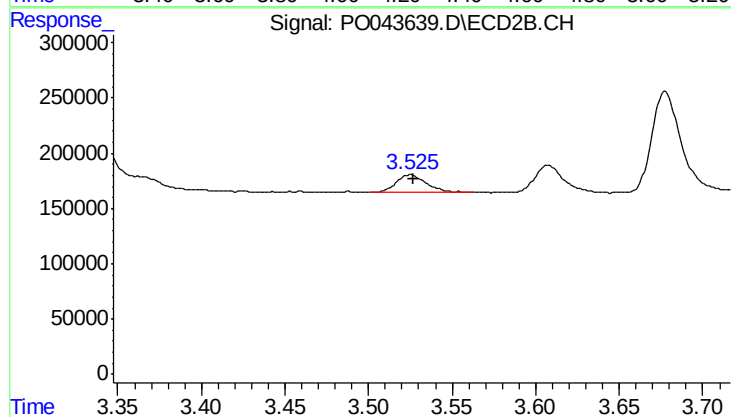
#7 AR-1016-5

R.T.: 5.108 min
Delta R.T.: -0.004 min
Response: 1545405
Conc: 207.52 ng/ml



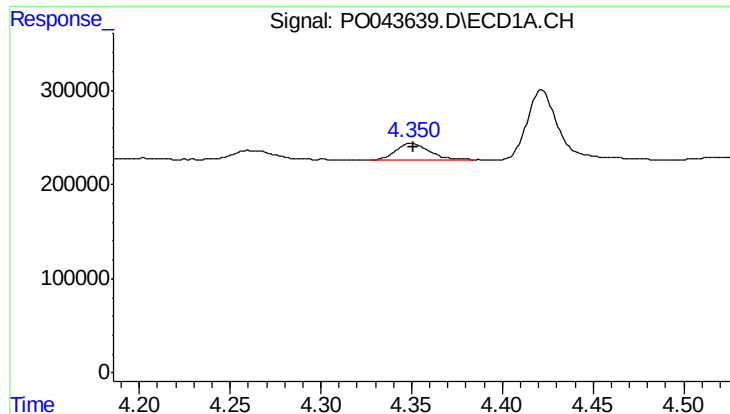
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.269 min
Response: 0
Conc: N.D.



#8 AR-1221-1

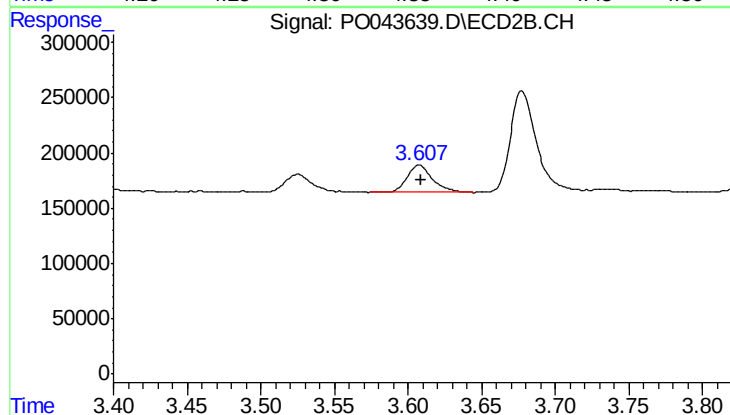
R.T.: 3.525 min
Delta R.T.: -0.002 min
Response: 193938
Conc: 39.65 ng/ml



#9 AR-1221-2

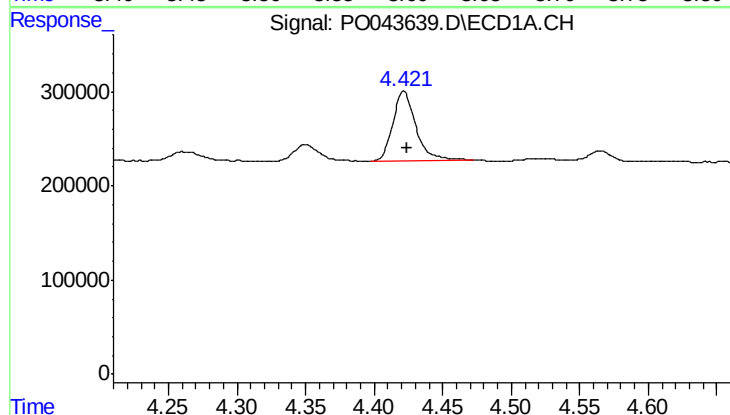
R.T.: 4.350 min
Delta R.T.: -0.001 min
Response: 225506
Conc: 94.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB107889BS



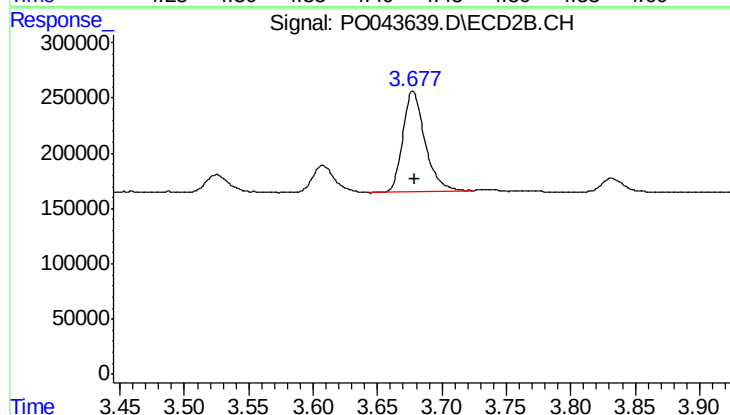
#9 AR-1221-2

R.T.: 3.608 min
Delta R.T.: -0.001 min
Response: 303485
Conc: 86.61 ng/ml



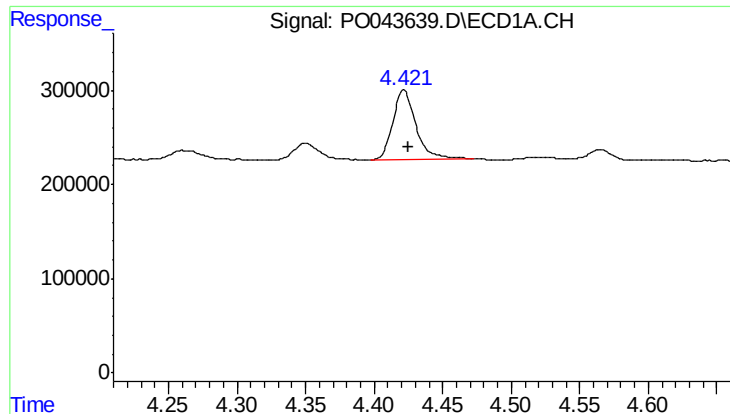
#10 AR-1221-3

R.T.: 4.422 min
Delta R.T.: -0.003 min
Response: 870091
Conc: 112.15 ng/ml



#10 AR-1221-3

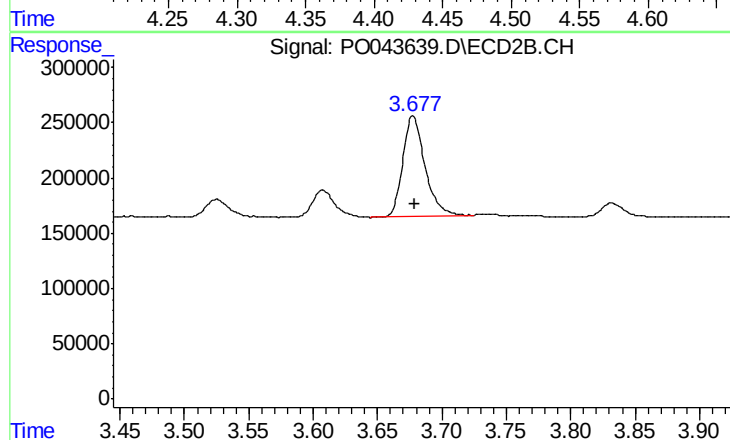
R.T.: 3.678 min
Delta R.T.: -0.001 min
Response: 1094216
Conc: 97.69 ng/ml



#11 AR-1232-1

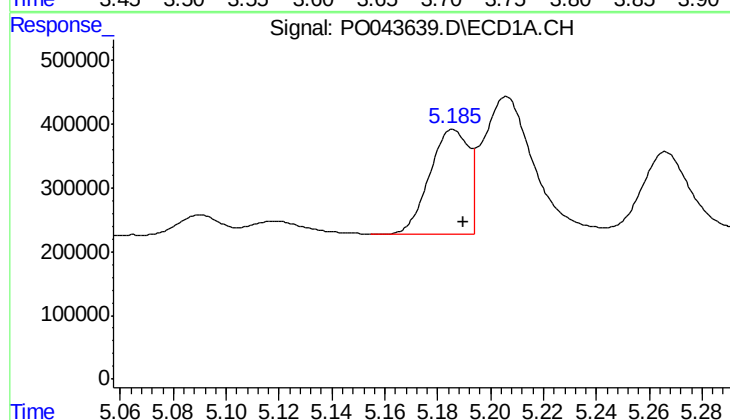
R.T.: 4.422 min
Delta R.T.: -0.003 min
Response: 870091
Conc: 218.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB107889BS



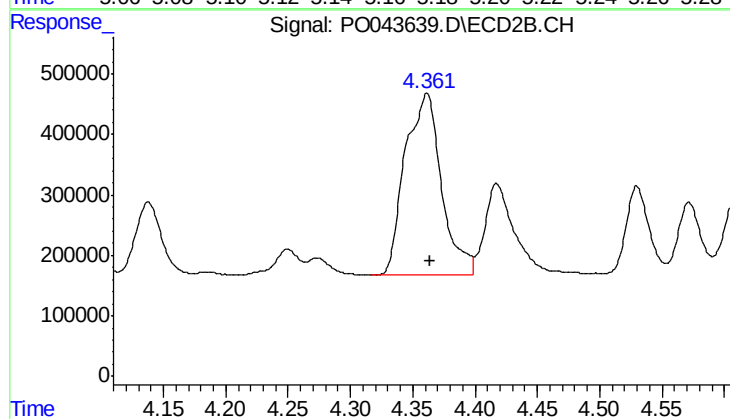
#11 AR-1232-1

R.T.: 3.678 min
Delta R.T.: -0.002 min
Response: 1094216
Conc: 186.74 ng/ml



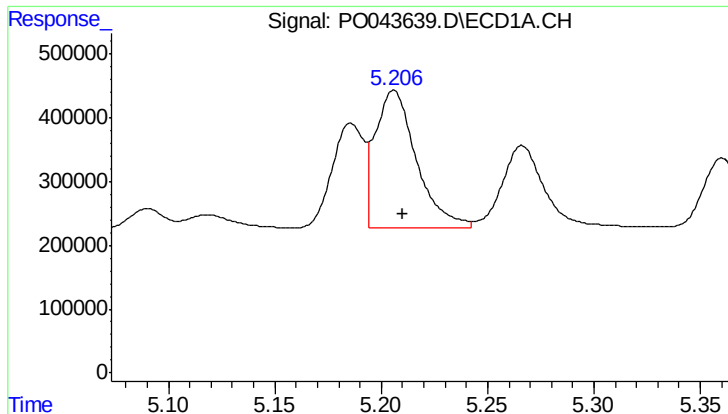
#12 AR-1232-2

R.T.: 5.186 min
Delta R.T.: -0.004 min
Response: 1697801
Conc: 582.39 ng/ml



#12 AR-1232-2

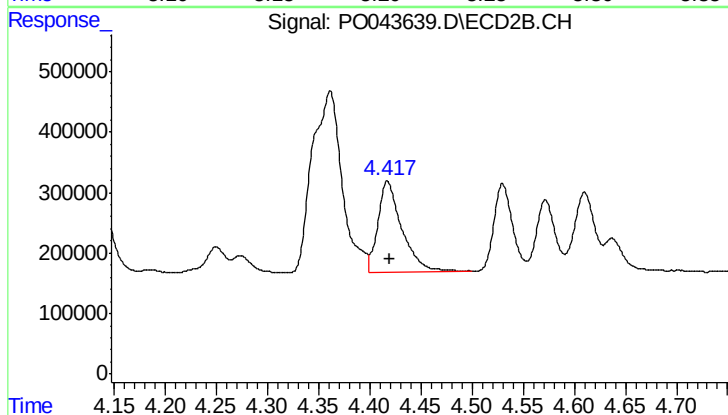
R.T.: 4.361 min
Delta R.T.: -0.003 min
Response: 6057048
Conc: 507.09 ng/ml



#13 AR-1232-3

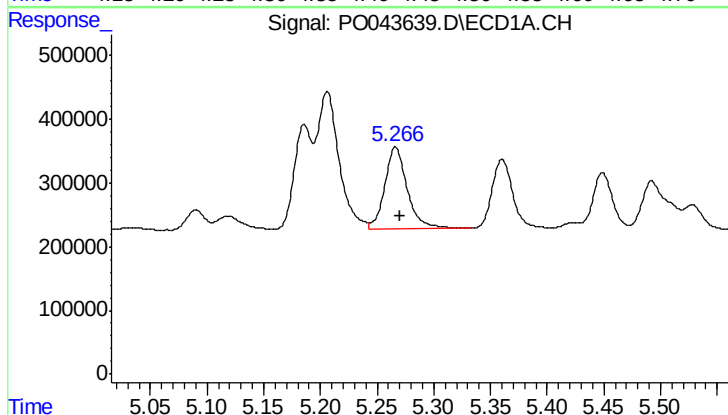
R.T.: 5.206 min
Delta R.T.: -0.004 min
Response: 2922669
Conc: 608.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB107889BS



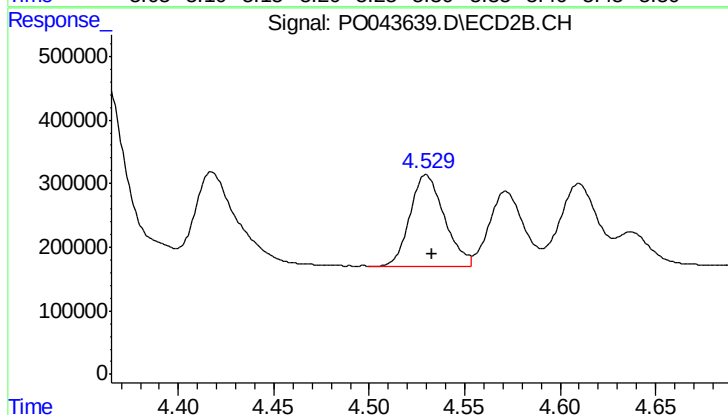
#13 AR-1232-3

R.T.: 4.417 min
Delta R.T.: -0.003 min
Response: 2463209
Conc: 473.79 ng/ml



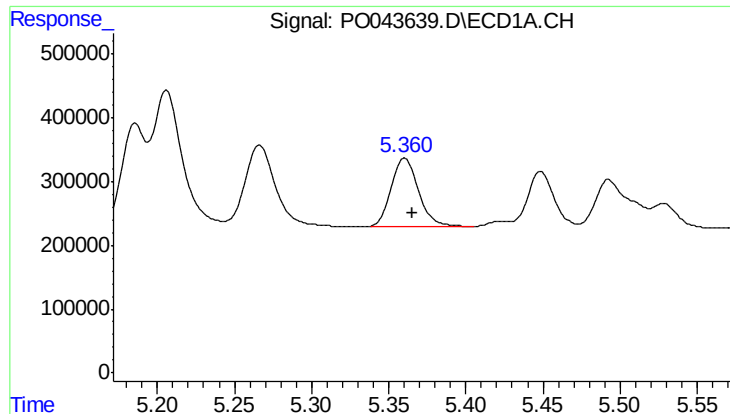
#14 AR-1232-4

R.T.: 5.266 min
Delta R.T.: -0.004 min
Response: 1770177
Conc: 630.83 ng/ml



#14 AR-1232-4

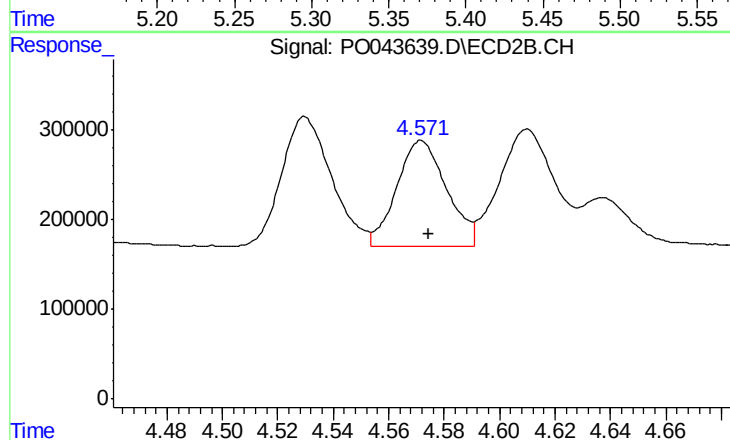
R.T.: 4.530 min
Delta R.T.: -0.003 min
Response: 1823843
Conc: 451.57 ng/ml



#15 AR-1232-5

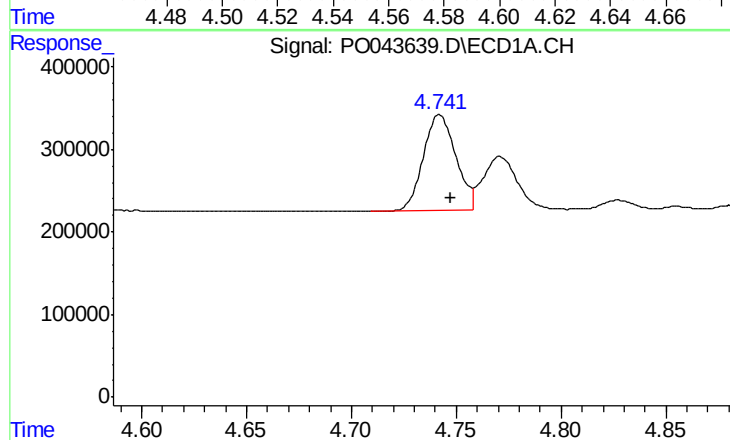
R.T.: 5.360 min
Delta R.T.: -0.005 min
Response: 1327775
Conc: 599.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
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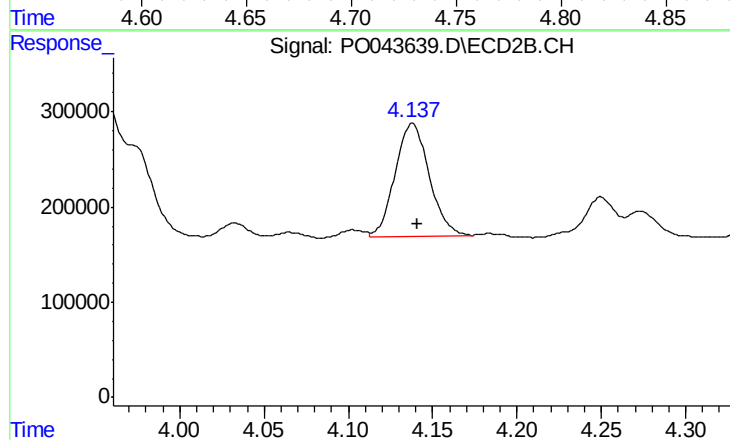
#15 AR-1232-5

R.T.: 4.572 min
Delta R.T.: -0.003 min
Response: 1474834
Conc: 502.46 ng/ml



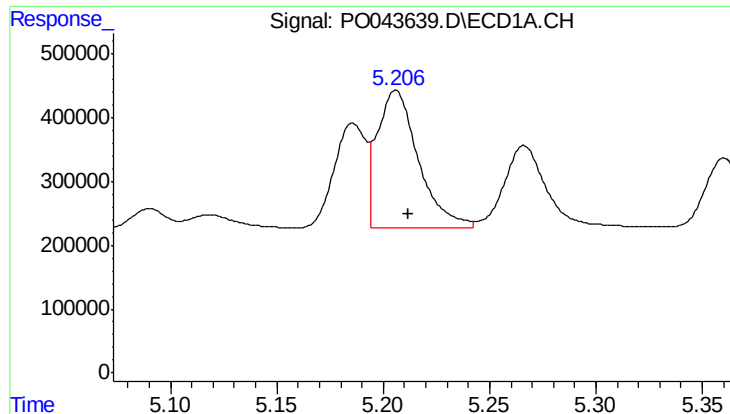
#16 AR-1242-1

R.T.: 4.742 min
Delta R.T.: -0.005 min
Response: 1261968
Conc: 366.40 ng/ml



#16 AR-1242-1

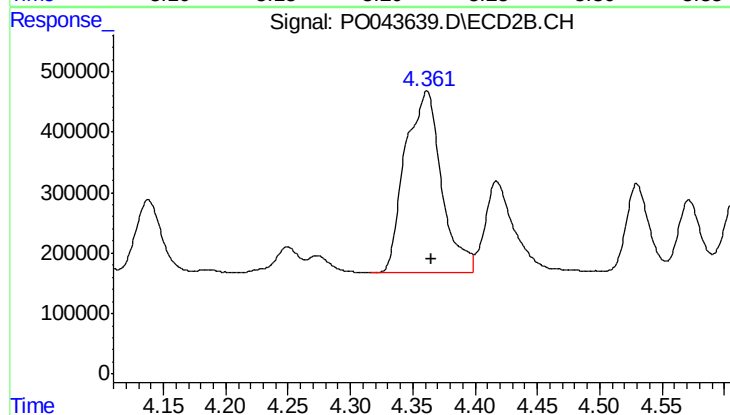
R.T.: 4.138 min
Delta R.T.: -0.003 min
Response: 1659664
Conc: 282.61 ng/ml



#17 AR-1242-2

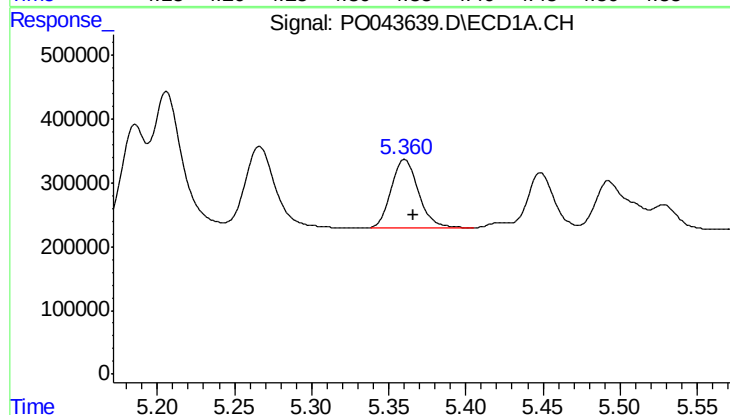
R.T.: 5.206 min
Delta R.T.: -0.006 min
Response: 2922669
Conc: 365.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB107889BS



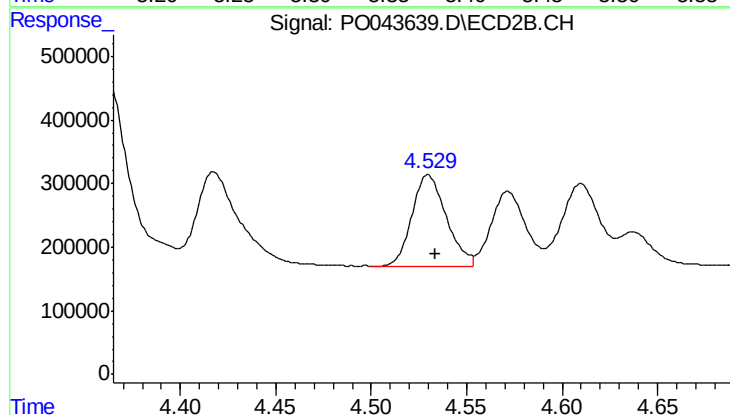
#17 AR-1242-2

R.T.: 4.361 min
Delta R.T.: -0.004 min
Response: 6057048
Conc: 294.32 ng/ml



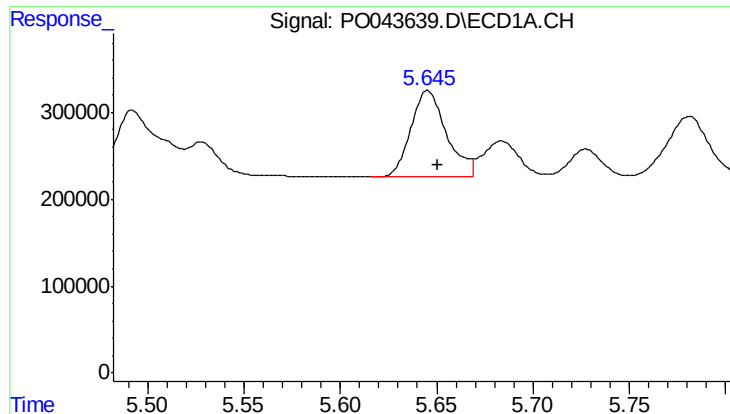
#18 AR-1242-3

R.T.: 5.360 min
Delta R.T.: -0.006 min
Response: 1327775
Conc: 344.37 ng/ml



#18 AR-1242-3

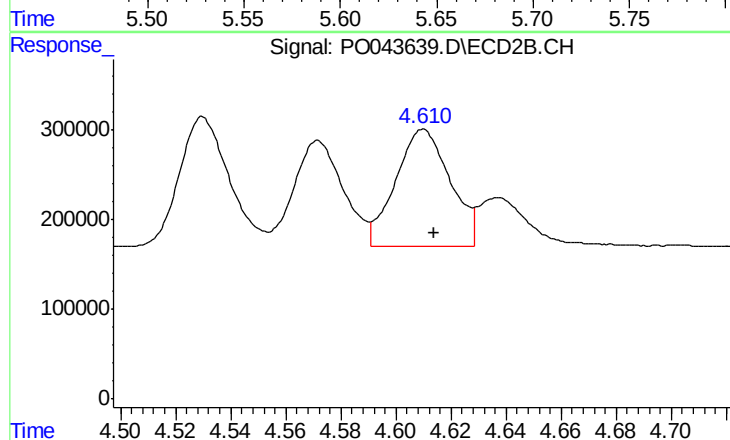
R.T.: 4.530 min
Delta R.T.: -0.004 min
Response: 1823843
Conc: 287.64 ng/ml



#19 AR-1242-4

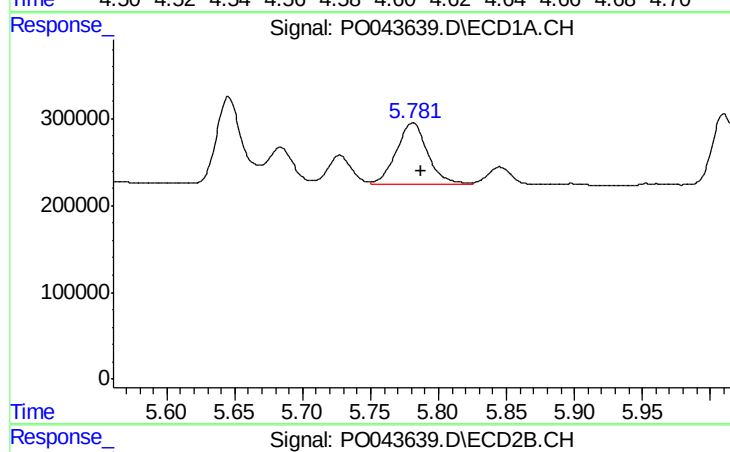
R.T.: 5.645 min
Delta R.T.: -0.006 min
Response: 1290929
Conc: 326.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB107889BS



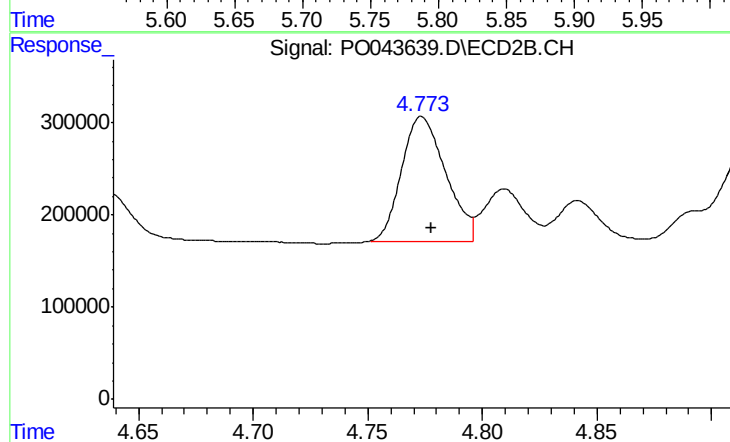
#19 AR-1242-4

R.T.: 4.610 min
Delta R.T.: -0.004 min
Response: 1793767
Conc: 293.78 ng/ml



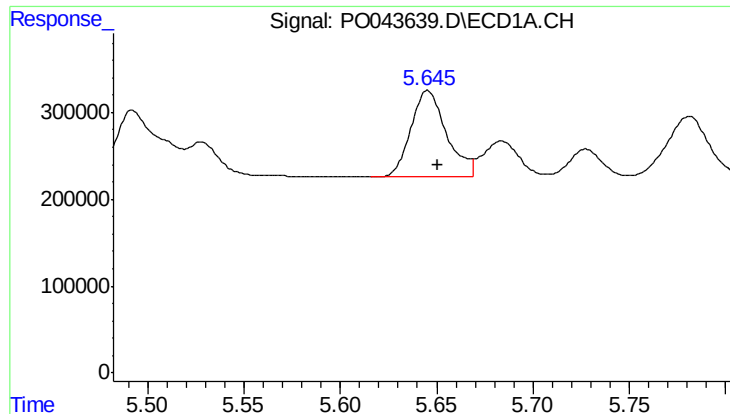
#20 AR-1242-5

R.T.: 5.781 min
Delta R.T.: -0.006 min
Response: 1133982
Conc: 245.46 ng/ml



#20 AR-1242-5

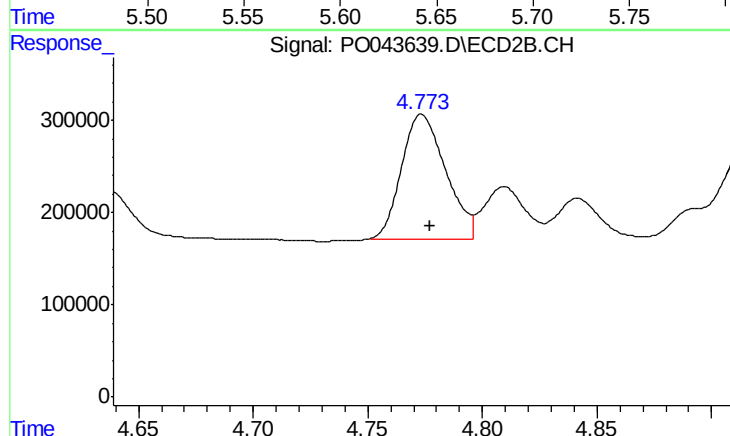
R.T.: 4.774 min
Delta R.T.: -0.004 min
Response: 1802759
Conc: 280.32 ng/ml



#21 AR-1248-1

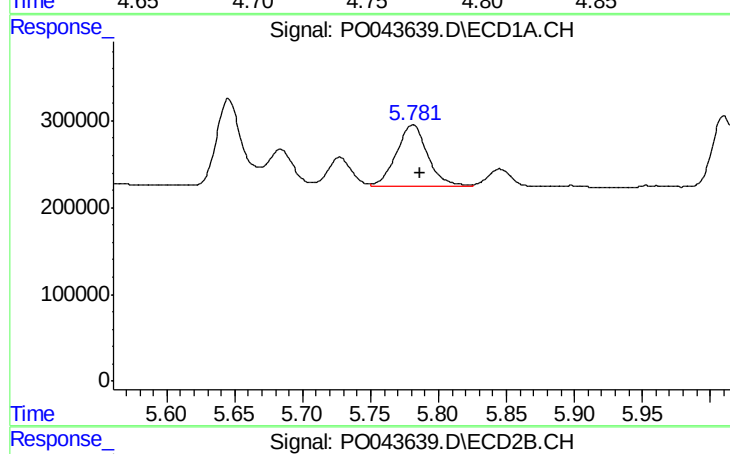
R.T.: 5.645 min
Delta R.T.: -0.005 min
Response: 1290929
Conc: 183.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB107889BS



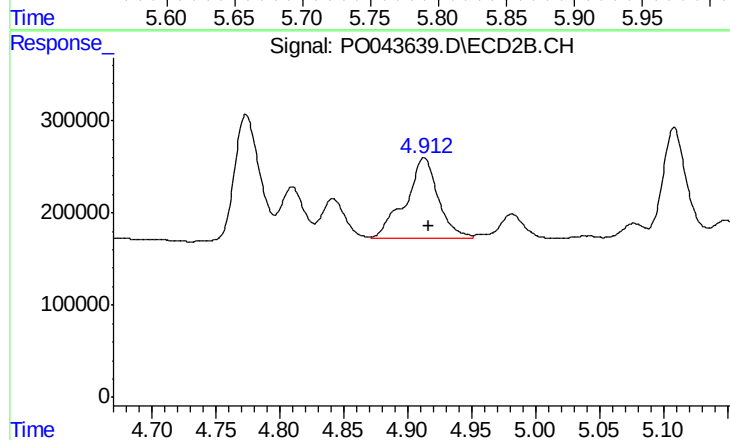
#21 AR-1248-1

R.T.: 4.774 min
Delta R.T.: -0.004 min
Response: 1802759
Conc: 156.01 ng/ml



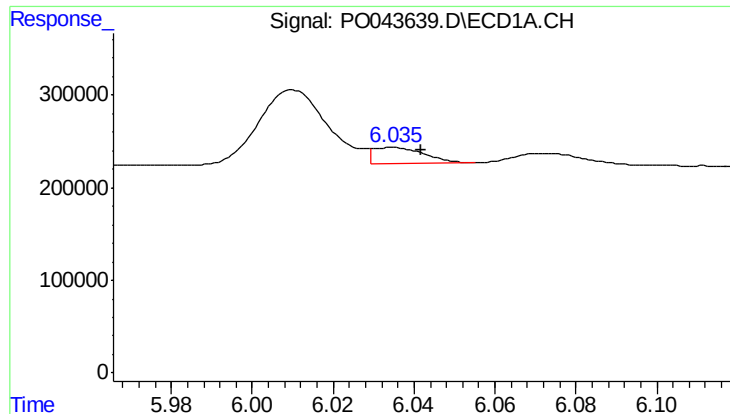
#22 AR-1248-2

R.T.: 5.781 min
Delta R.T.: -0.005 min
Response: 1133982
Conc: 183.41 ng/ml



#22 AR-1248-2

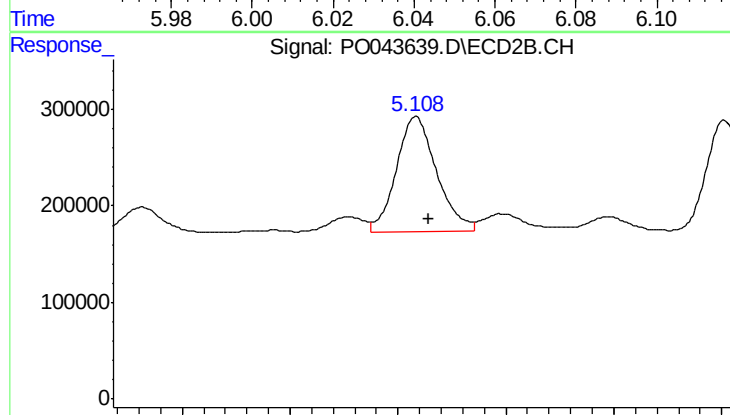
R.T.: 4.913 min
Delta R.T.: -0.004 min
Response: 1581468
Conc: 149.15 ng/ml



#23 AR-1248-3

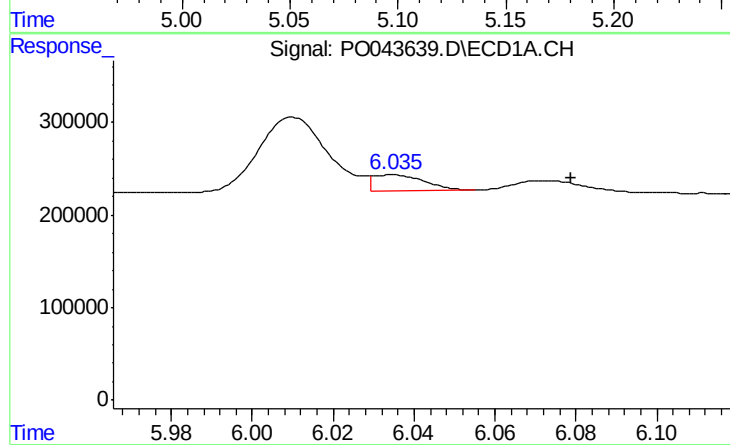
R.T.: 6.035 min
Delta R.T.: -0.007 min
Response: 153583
Conc: 17.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB107889BS



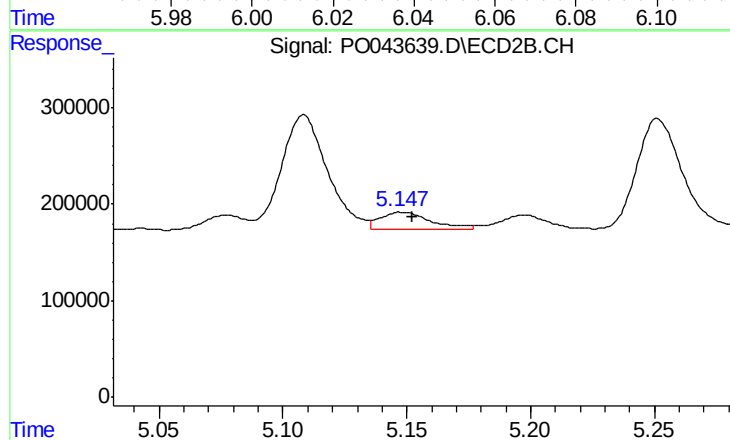
#23 AR-1248-3

R.T.: 5.108 min
Delta R.T.: -0.006 min
Response: 1545405
Conc: 88.04 ng/ml



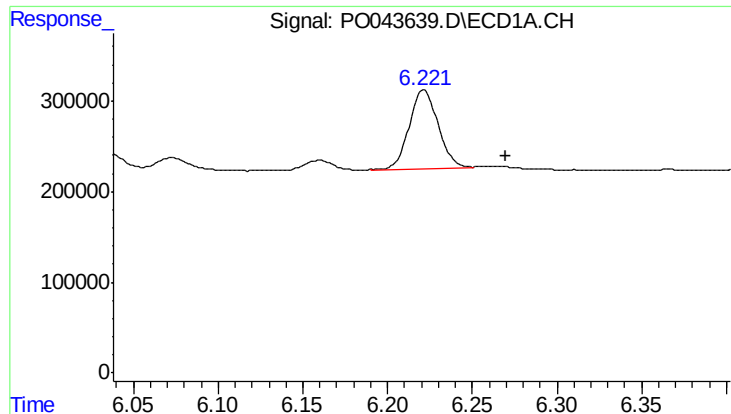
#24 AR-1248-4

R.T.: 6.035 min
Delta R.T.: -0.044 min
Response: 153583
Conc: 17.14 ng/ml



#24 AR-1248-4

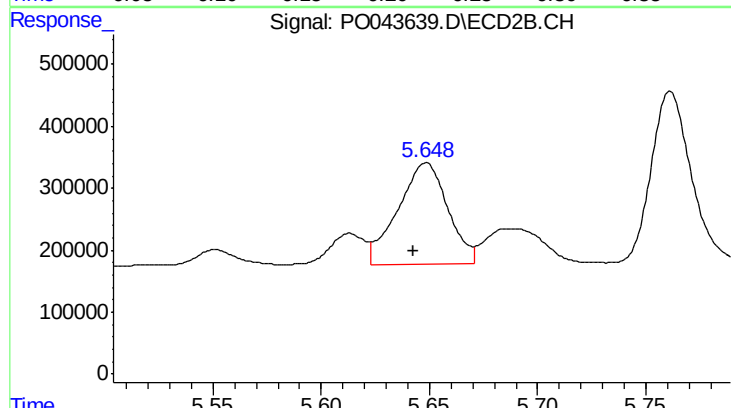
R.T.: 5.148 min
Delta R.T.: -0.004 min
Response: 261636
Conc: 18.66 ng/ml



#25 AR-1248-5

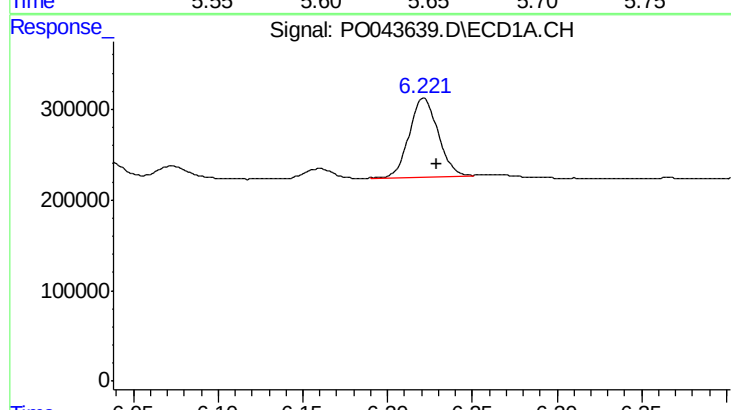
R.T.: 6.221 min
Delta R.T.: -0.048 min
Response: 1024485
Conc: 181.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB107889BS



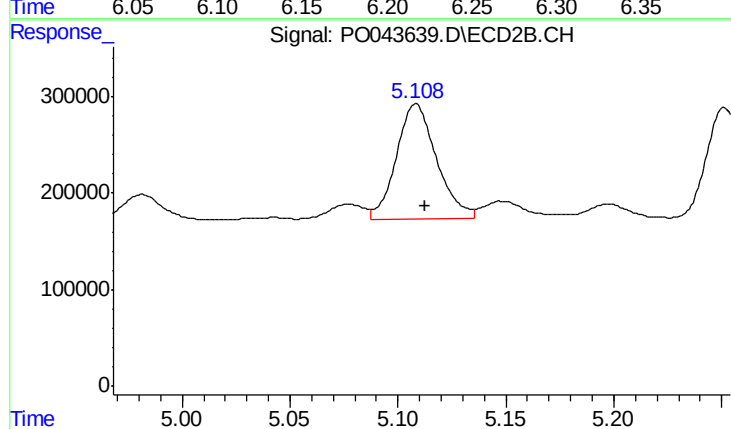
#25 AR-1248-5

R.T.: 5.649 min
Delta R.T.: 0.006 min
Response: 2631260
Conc: 269.96 ng/ml



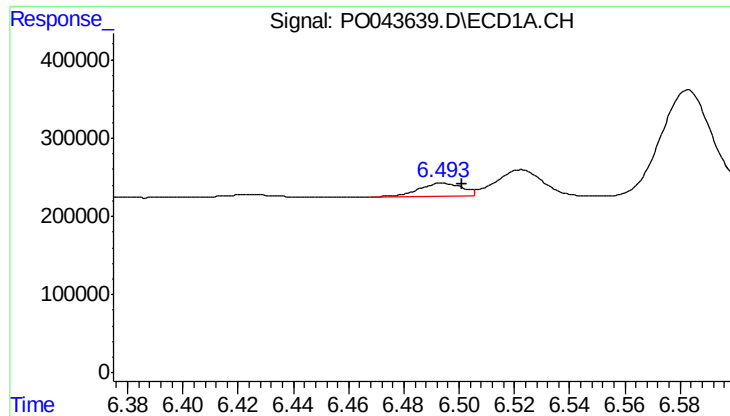
#26 AR-1254-1

R.T.: 6.221 min
Delta R.T.: -0.007 min
Response: 1024485
Conc: 68.32 ng/ml



#26 AR-1254-1

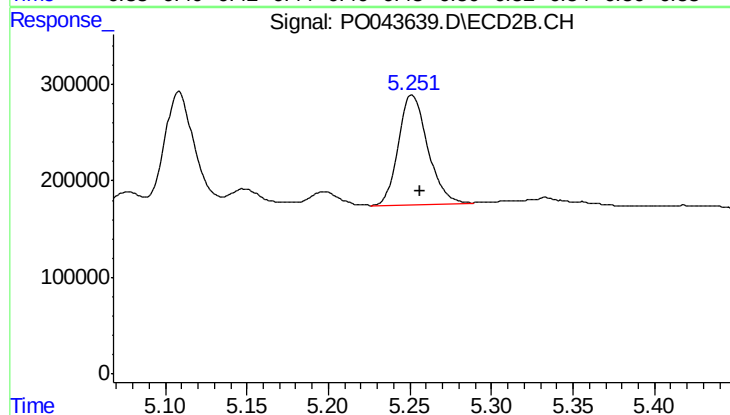
R.T.: 5.108 min
Delta R.T.: -0.004 min
Response: 1545405
Conc: 71.01 ng/ml



#27 AR-1254-2

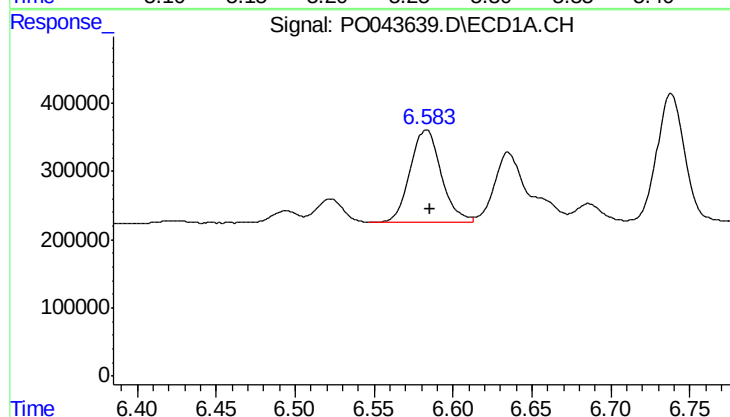
R.T.: 6.494 min
Delta R.T.: -0.007 min
Response: 183280
Conc: 19.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB107889BS



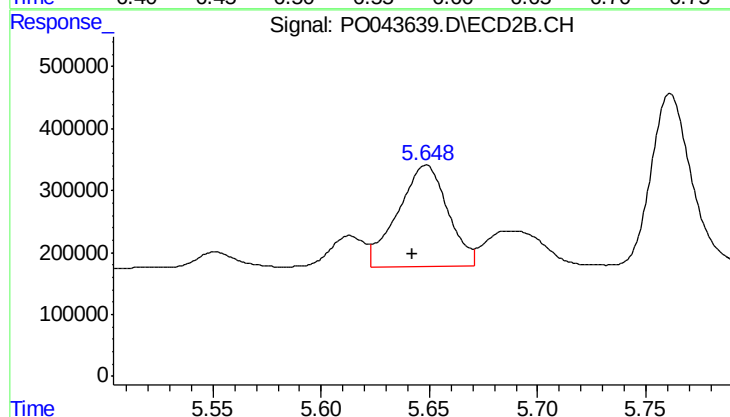
#27 AR-1254-2

R.T.: 5.251 min
Delta R.T.: -0.005 min
Response: 1417439
Conc: 73.13 ng/ml



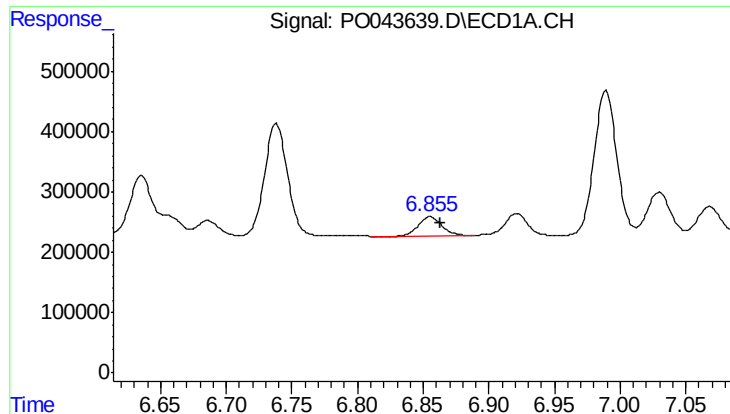
#28 AR-1254-3

R.T.: 6.583 min
Delta R.T.: -0.002 min
Response: 1828955
Conc: 110.82 ng/ml



#28 AR-1254-3

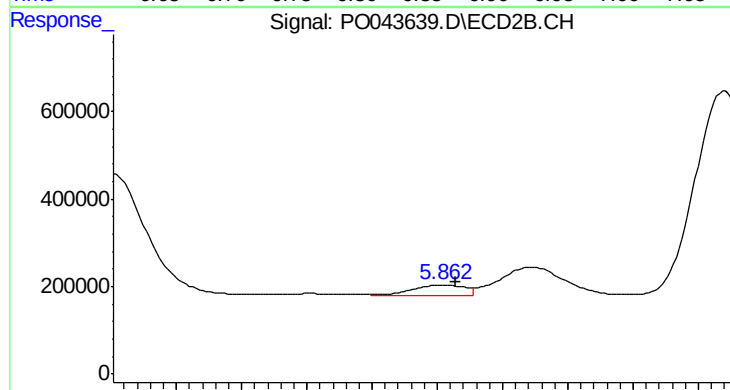
R.T.: 5.649 min
Delta R.T.: 0.006 min
Response: 2631260
Conc: 83.11 ng/ml



#29 AR-1254-4

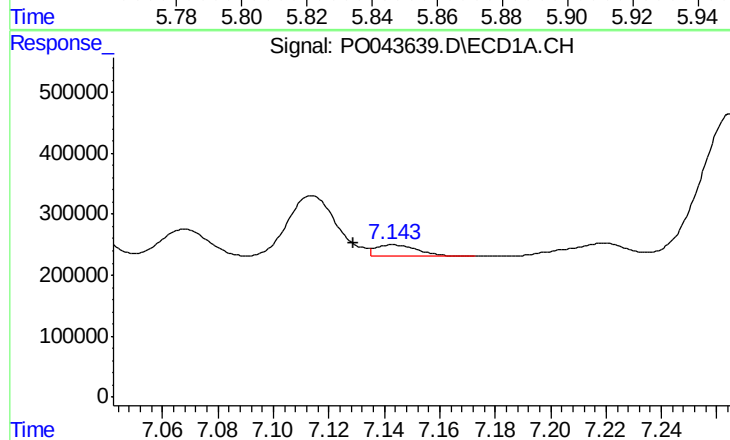
R.T.: 6.855 min
Delta R.T.: -0.008 min
Response: 397625
Conc: 29.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB107889BS



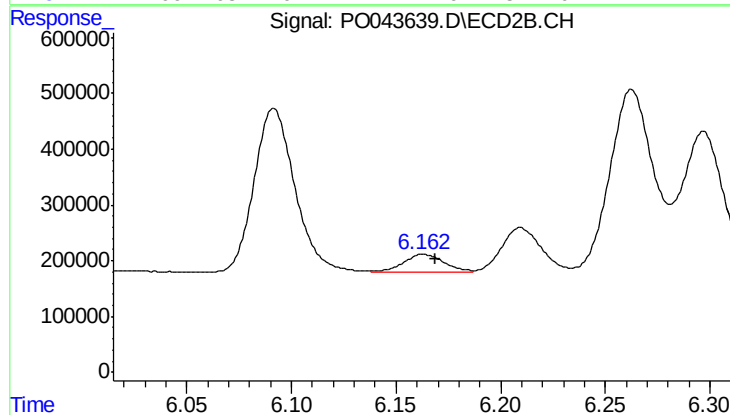
#29 AR-1254-4

R.T.: 5.862 min
Delta R.T.: -0.003 min
Response: 256190
Conc: 10.38 ng/ml



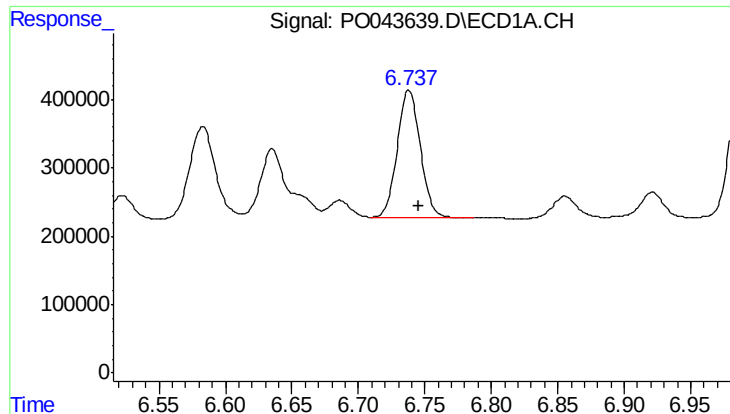
#30 AR-1254-5

R.T.: 7.143 min
Delta R.T.: 0.014 min
Response: 190665
Conc: 19.55 ng/ml



#30 AR-1254-5

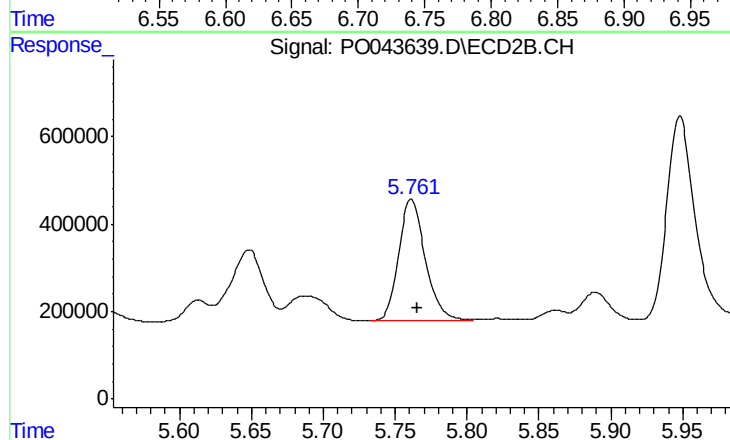
R.T.: 6.163 min
Delta R.T.: -0.006 min
Response: 431795
Conc: 29.80 ng/ml



#31 AR-1260-1

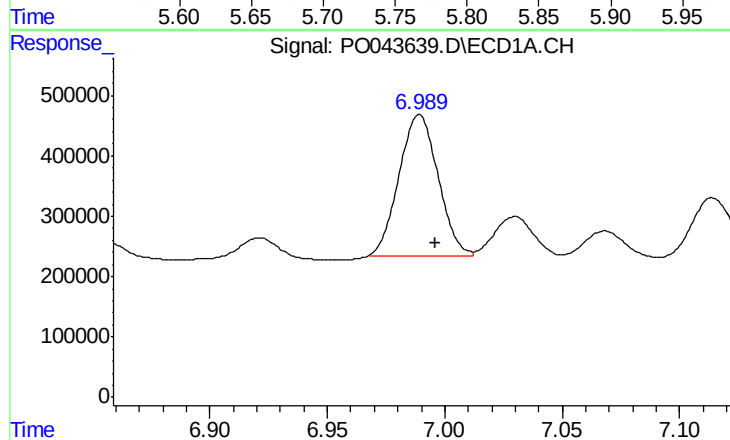
R.T.: 6.738 min
Delta R.T.: -0.007 min
Response: 2282971
Conc: 226.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB107889BS



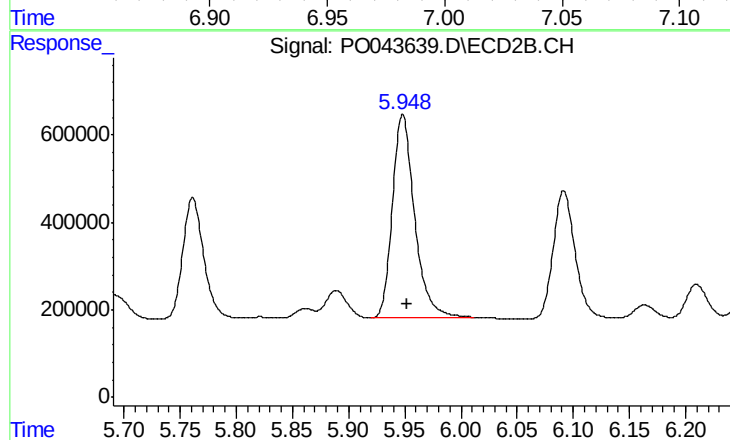
#31 AR-1260-1

R.T.: 5.761 min
Delta R.T.: -0.005 min
Response: 3595723
Conc: 215.14 ng/ml



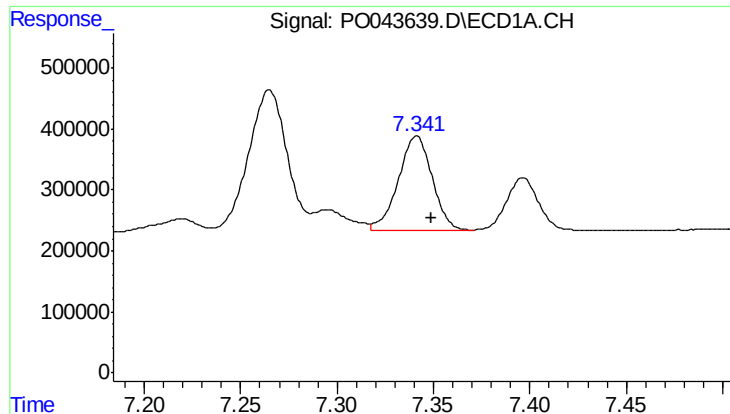
#32 AR-1260-2

R.T.: 6.989 min
Delta R.T.: -0.007 min
Response: 2697779
Conc: 210.27 ng/ml



#32 AR-1260-2

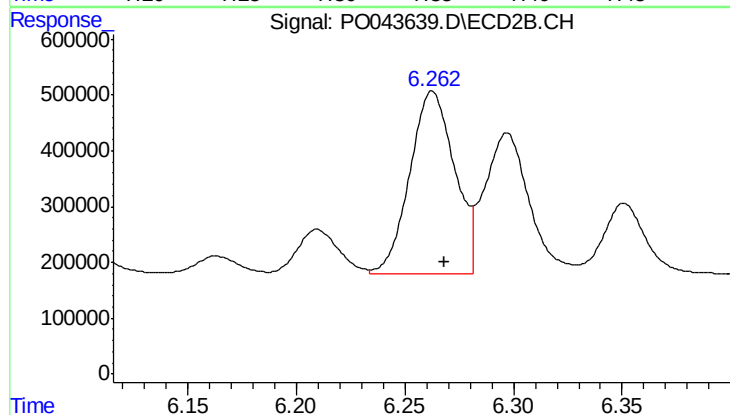
R.T.: 5.948 min
Delta R.T.: -0.004 min
Response: 6381206
Conc: 301.57 ng/ml



#33 AR-1260-3

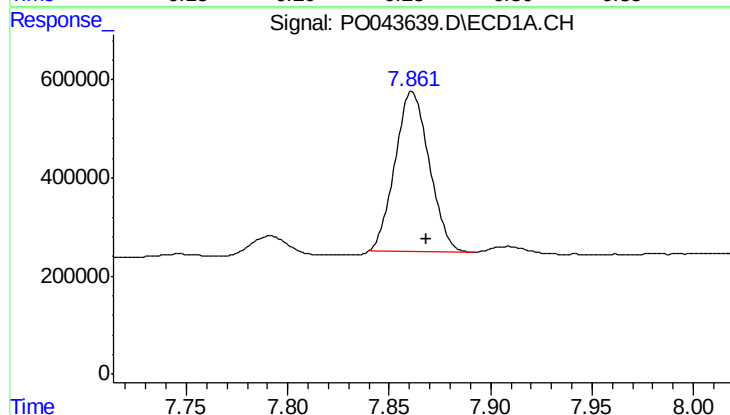
R.T.: 7.341 min
Delta R.T.: -0.007 min
Response: 1910905
Conc: 189.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB107889BS



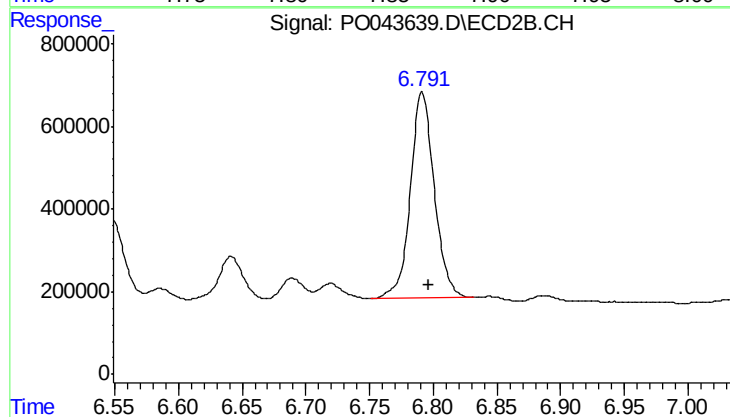
#33 AR-1260-3

R.T.: 6.263 min
Delta R.T.: -0.005 min
Response: 4722670
Conc: 214.47 ng/ml



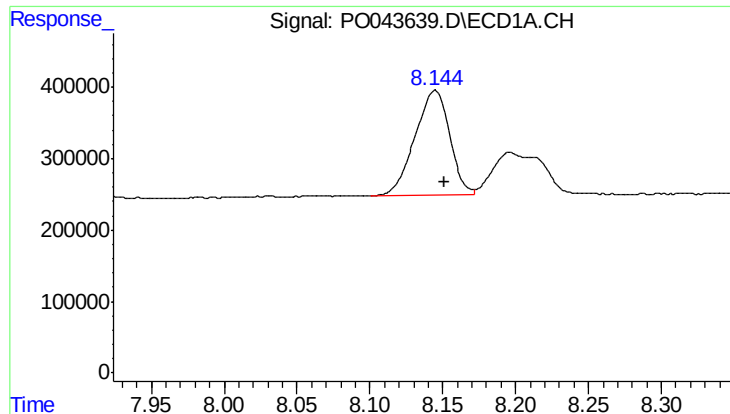
#34 AR-1260-4

R.T.: 7.861 min
Delta R.T.: -0.007 min
Response: 3822731
Conc: 184.76 ng/ml



#34 AR-1260-4

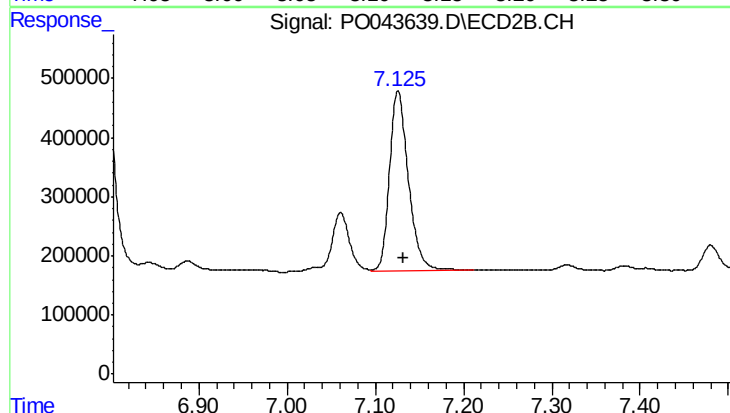
R.T.: 6.791 min
Delta R.T.: -0.006 min
Response: 6537581
Conc: 176.98 ng/ml



#35 AR-1260-5

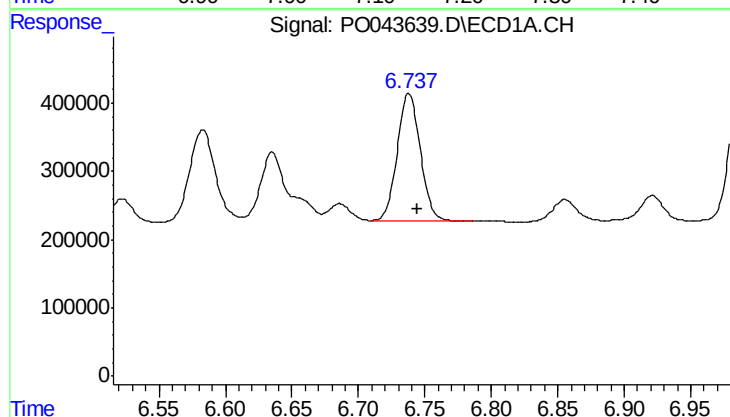
R.T.: 8.145 min
Delta R.T.: -0.006 min
Response: 2434651
Conc: 194.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB107889BS



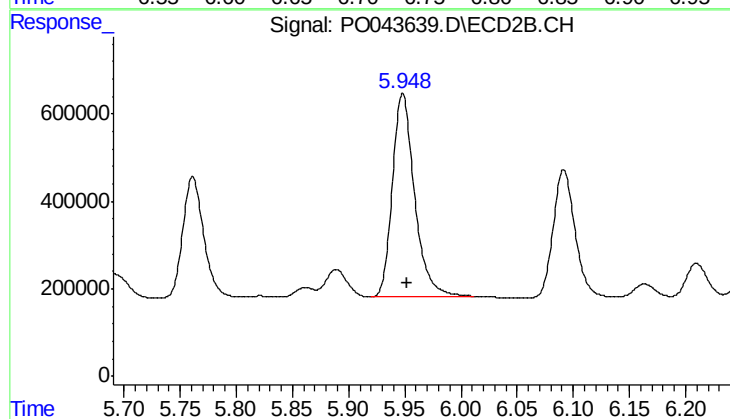
#35 AR-1260-5

R.T.: 7.126 min
Delta R.T.: -0.006 min
Response: 4503040
Conc: 175.11 ng/ml



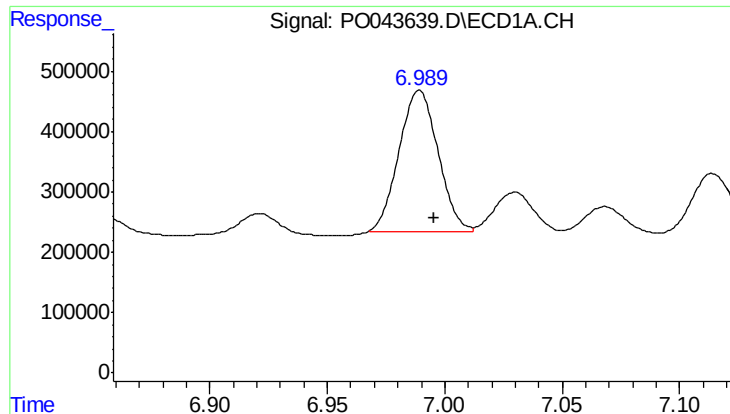
#36 AR-1262-1

R.T.: 6.738 min
Delta R.T.: -0.007 min
Response: 2282971
Conc: 237.52 ng/ml



#36 AR-1262-1

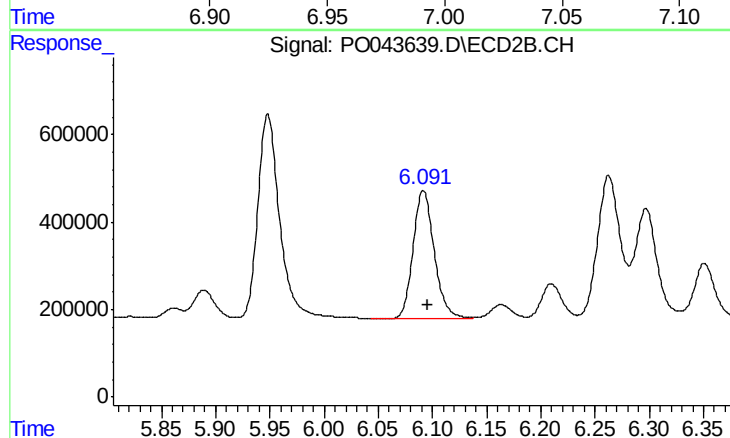
R.T.: 5.948 min
Delta R.T.: -0.004 min
Response: 6381206
Conc: 293.31 ng/ml



#37 AR-1262-2

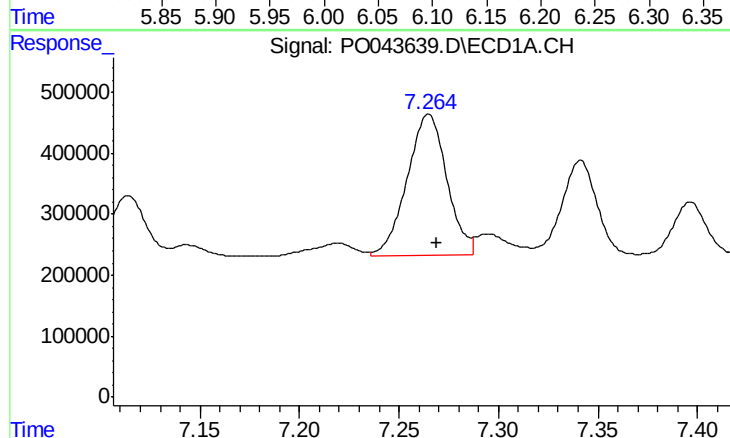
R.T.: 6.989 min
Delta R.T.: -0.006 min
Response: 2697779
Conc: 220.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB107889BS



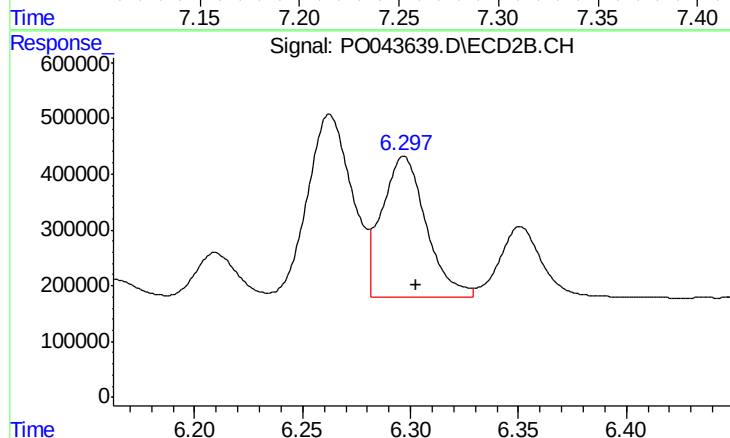
#37 AR-1262-2

R.T.: 6.092 min
Delta R.T.: -0.004 min
Response: 3954083
Conc: 195.90 ng/ml



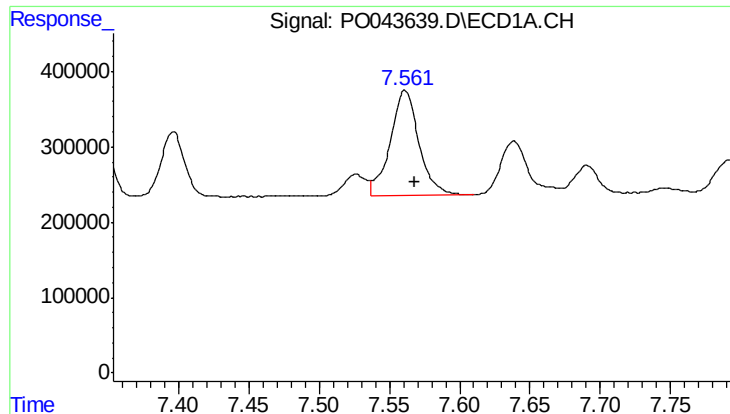
#38 AR-1262-3

R.T.: 7.265 min
Delta R.T.: -0.004 min
Response: 3222318
Conc: 286.03 ng/ml



#38 AR-1262-3

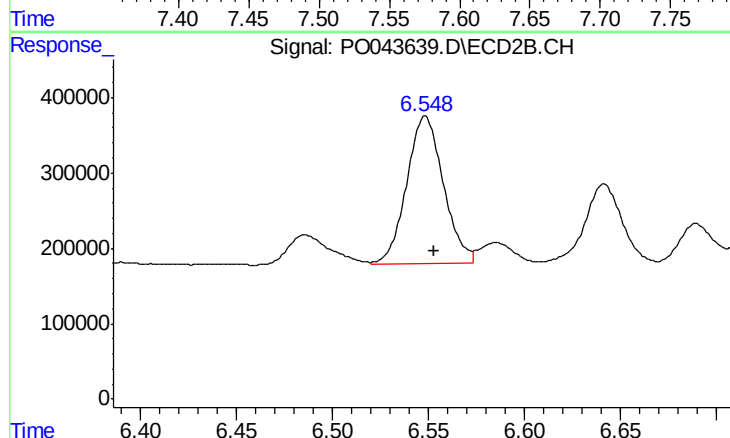
R.T.: 6.297 min
Delta R.T.: -0.006 min
Response: 3632609
Conc: 104.28 ng/ml



#39 AR-1262-4

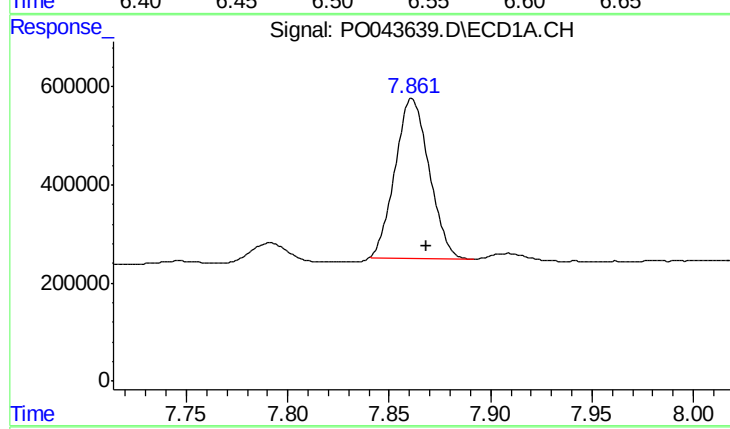
R.T.: 7.561 min
Delta R.T.: -0.007 min
Response: 1961194
Conc: 131.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB107889BS



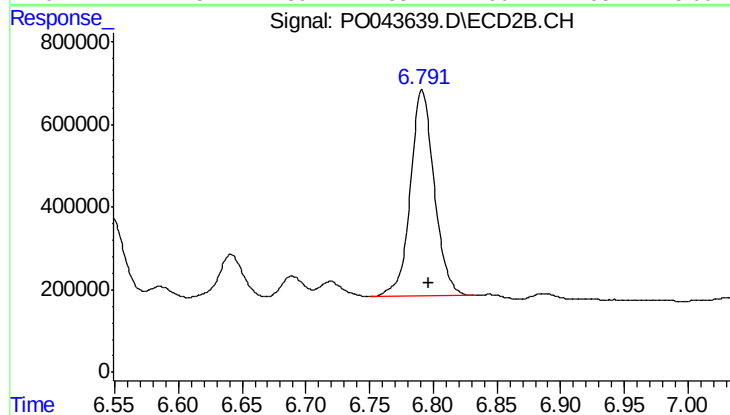
#39 AR-1262-4

R.T.: 6.548 min
Delta R.T.: -0.005 min
Response: 2607783
Conc: 96.16 ng/ml



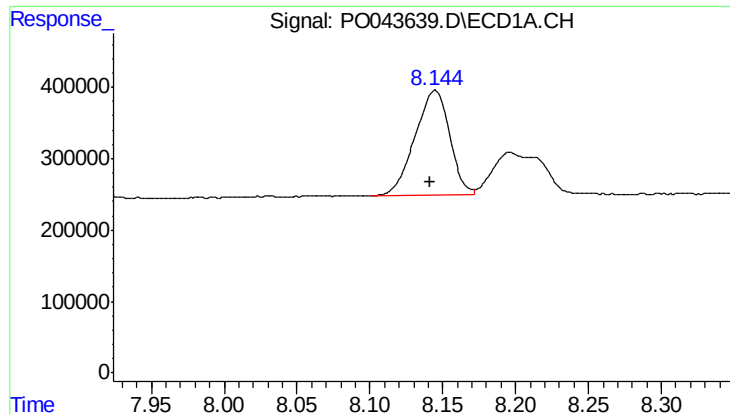
#40 AR-1262-5

R.T.: 7.861 min
Delta R.T.: -0.007 min
Response: 3822731
Conc: 125.61 ng/ml



#40 AR-1262-5

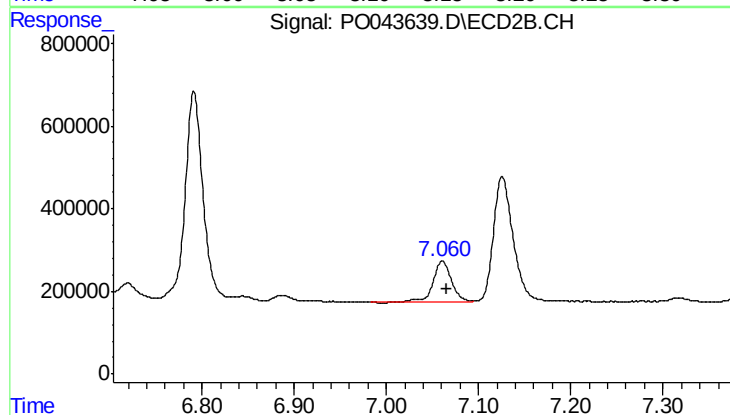
R.T.: 6.791 min
Delta R.T.: -0.005 min
Response: 6537581
Conc: 112.12 ng/ml



#41 AR-1268-1

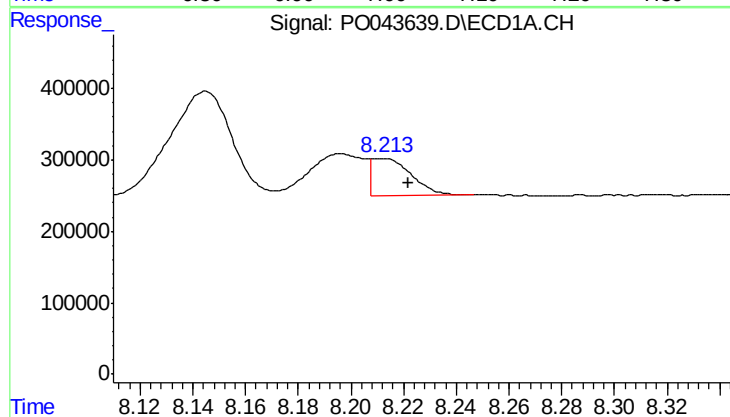
R.T.: 8.145 min
Delta R.T.: 0.003 min
Response: 2434651
Conc: 77.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB107889BS



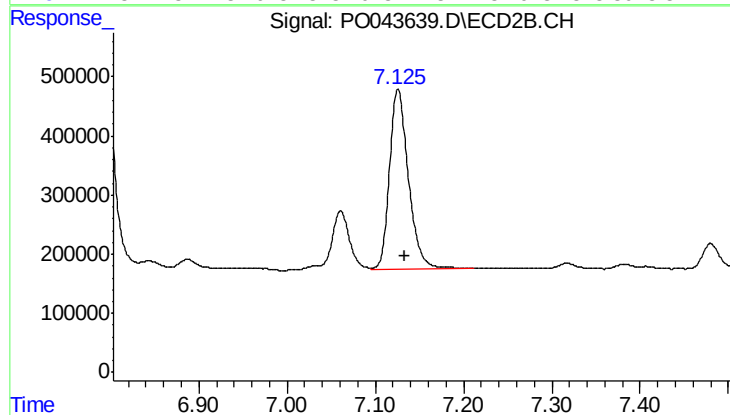
#41 AR-1268-1

R.T.: 7.061 min
Delta R.T.: -0.006 min
Response: 1365885
Conc: 23.45 ng/ml



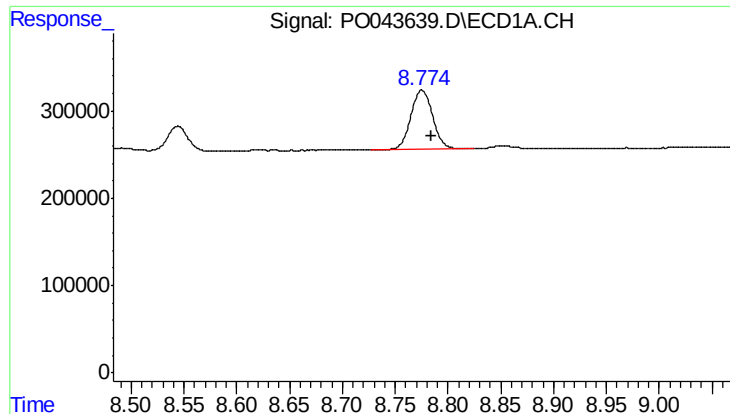
#42 AR-1268-2

R.T.: 8.213 min
Delta R.T.: -0.009 min
Response: 549985
Conc: 19.74 ng/ml



#42 AR-1268-2

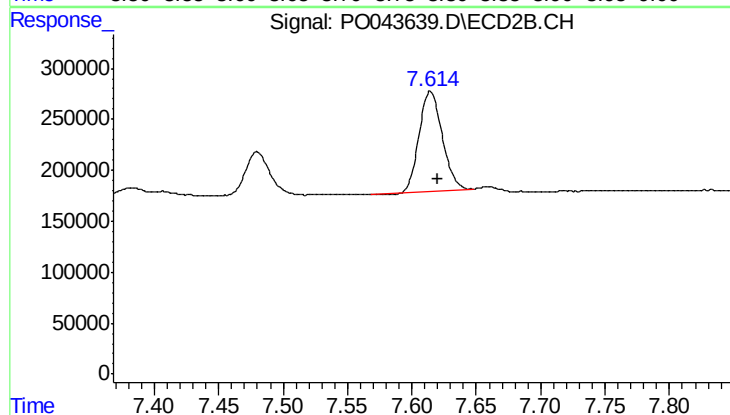
R.T.: 7.126 min
Delta R.T.: -0.007 min
Response: 4503040
Conc: 86.28 ng/ml



#44 AR-1268-4

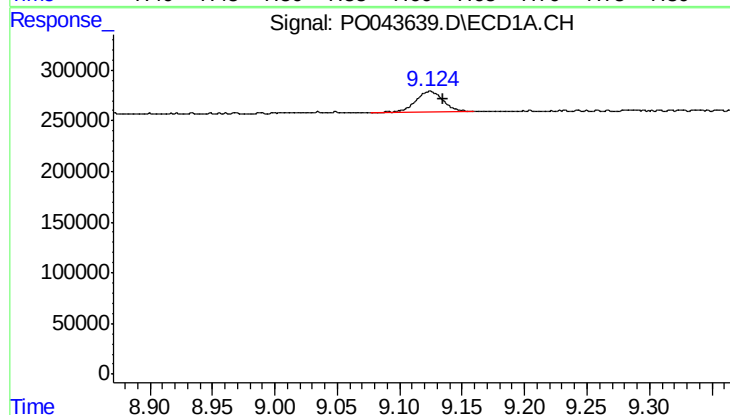
R.T.: 8.775 min
Delta R.T.: -0.010 min
Response: 974289
Conc: 98.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB107889BS



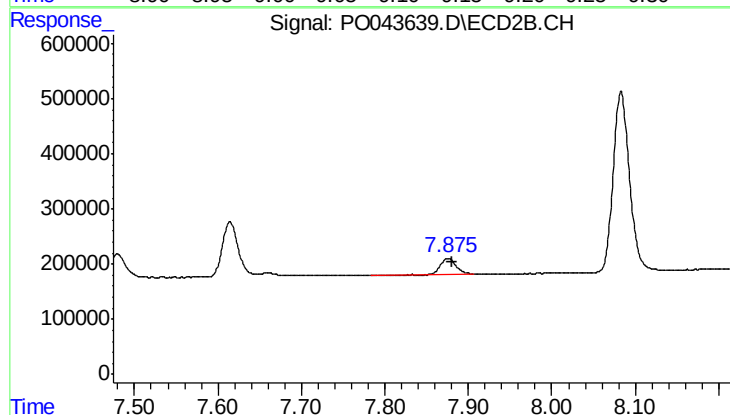
#44 AR-1268-4

R.T.: 7.614 min
Delta R.T.: -0.005 min
Response: 1212120
Conc: 74.10 ng/ml



#45 AR-1268-5

R.T.: 9.124 min
Delta R.T.: -0.010 min
Response: 311745
Conc: 4.53 ng/ml



#45 AR-1268-5

R.T.: 7.876 min
Delta R.T.: -0.005 min
Response: 349232
Conc: 3.16 ng/ml