

Data Path : P:\HPCHEM1\ECD_0\Data\P0020618\
 Data File : P0042097.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 03 Feb 2018 8:30
 Operator : SM/UA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 03 20:35:00 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	3.358	9741494	15287014	50.472	52.661
2) SA Decachlor...	9.515	8.154	9877965	14342677	42.042	40.106
Target Compounds						
3) L1 AR-1016-1	4.990	4.181	2873953	4958307	555.082	659.737
4) L1 AR-1016-2	5.330	4.619	4104823	3493971	572.305	497.546
5) L1 AR-1016-3	5.425	4.658	3365397	4697842	564.735	554.800
6) L1 AR-1016-4	5.713	4.823	3269420	5434222	540.216	583.168
7) L1 AR-1016-5	5.848	4.964	3437671	6035820	532.183	608.783
8) L2 AR-1221-1	0.000	3.562	0	533292	N.D.	207.545 #
9) L2 AR-1221-2	4.407	3.644	519055	782289	365.390	413.568
10) L2 AR-1221-3	4.480	3.715	2061149	3096567	445.420	495.147
11) L3 AR-1232-1	4.480	3.715	2061149	3096567	588.154	628.839
12) L3 AR-1232-2	5.249	4.407	4437017	16213072	1685.987	1612.487
13) L3 AR-1232-3	5.270	4.462	6753298	6198667	1512.114	1503.205
14) L3 AR-1232-4	5.330	4.576	4104823	4286851	1490.740	1383.530
15) L3 AR-1232-5	5.425	4.619	3365397	3493971	1602.736	1616.072
16) L4 AR-1242-1	4.804	4.015	2725076	2711435	878.999	1068.439
17) L4 AR-1242-2	5.270	4.407	6753298	16213072	918.131	944.923
18) L4 AR-1242-3	5.425	4.576	3365397	4286851	915.499	814.954
19) L4 AR-1242-4	5.713	4.658	3269420	4697842	869.479	897.373
20) L4 AR-1242-5	5.848	4.823	3437671	5434222	824.220	939.835
21) L5 AR-1248-1	5.713	4.823	3269420	5434222	452.111	497.093
22) L5 AR-1248-2	5.848	4.964	3437671	6035820	548.355	620.740
23) L5 AR-1248-3	6.104	5.161	1331800	5753619	145.641	339.237 #
24) L5 AR-1248-4	6.142	5.199	1103940	1497902	123.191	110.936
25) L5 AR-1248-5	6.293	5.706	2690702	8347855	450.414	1083.368 #
26) L6 AR-1254-1	6.293	5.161	2690702	5753619	191.142	311.077 #
27) L6 AR-1254-2	6.566	5.305	546320	4362468	62.814	263.814 #
28) L6 AR-1254-3	6.650	5.706	1550990	8347855	100.070	303.425 #
29) L6 AR-1254-4	6.929	5.918	984307	698658	75.036	35.855 #
30) L6 AR-1254-5	7.188	6.225	3596401	1739877	382.044	131.355 #
31) L7 AR-1260-1	6.812	5.819	6567319	11955978	522.059	560.087
32) L7 AR-1260-2	7.063	6.005	8481001	16961263	487.431	536.975
33) L7 AR-1260-3	7.338	6.151	9193316	13826688	458.024	529.754
34) L7 AR-1260-4	7.417	6.322	6724622	15469592	571.720	453.690
35) L7 AR-1260-5	7.937	6.852	14191143	27275929	539.534	508.367
36) L8 AR-1262-1	6.812	6.005	6567319	16961263	694.397	763.657
37) L8 AR-1262-2	7.063	6.151	8481001	13826688	728.435	687.538
38) L8 AR-1262-3	7.338	6.359	9193316	14014392	798.961	378.109 #

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 Operator : SM/UA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

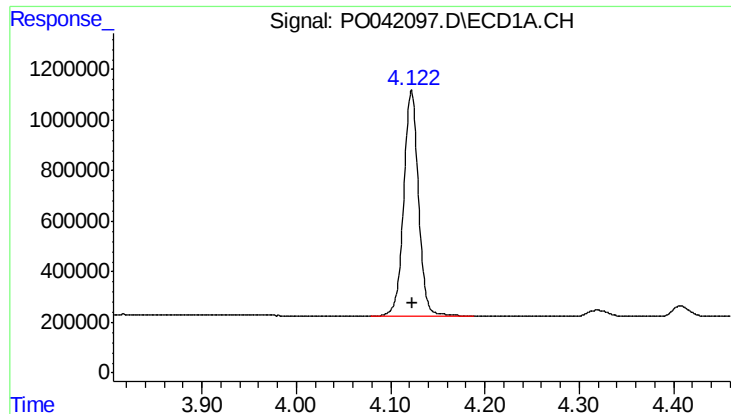
Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 03 20:35:00 2018
 Quant Method : P:\HPCHEM1\ECD_0\P0012318.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
39)	L8 AR-1262-4	7.637	6.610	6424135	9894564	418.765	357.248
40)	L8 AR-1262-5	7.937	6.852	14191143	27275929	440.833	430.506
41)	L9 AR-1268-1	8.221	7.125	8441385	5992507	223.395	81.765 #
42)	L9 AR-1268-2	8.292	7.189	2206835	17581256	66.511	271.928 #
44)	L9 AR-1268-4	8.868	7.678	3716058	5571331	298.137	250.792
45)	L9 AR-1268-5	9.225	7.941	929644	1318936	11.508	9.162

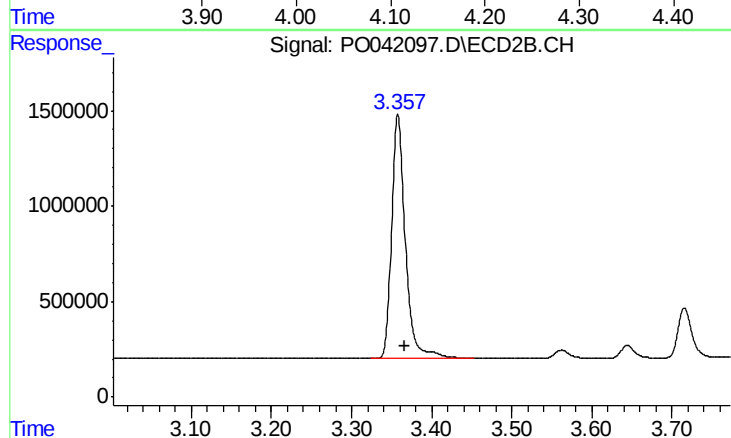
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

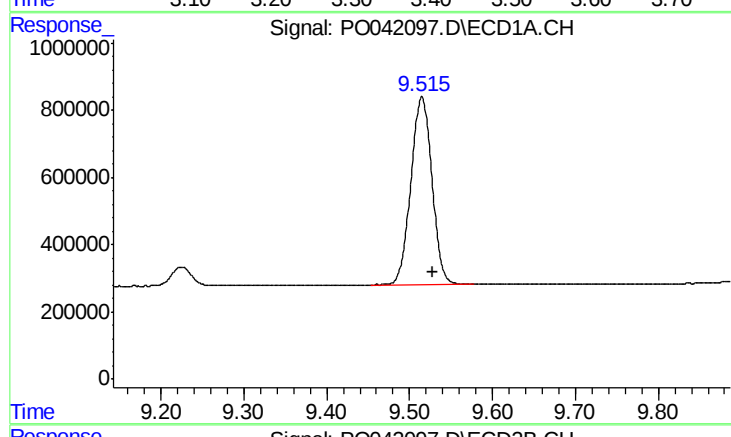
R.T.: 4.122 min
Delta R.T.: -0.001 min
Response: 9741494
Conc: 50.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



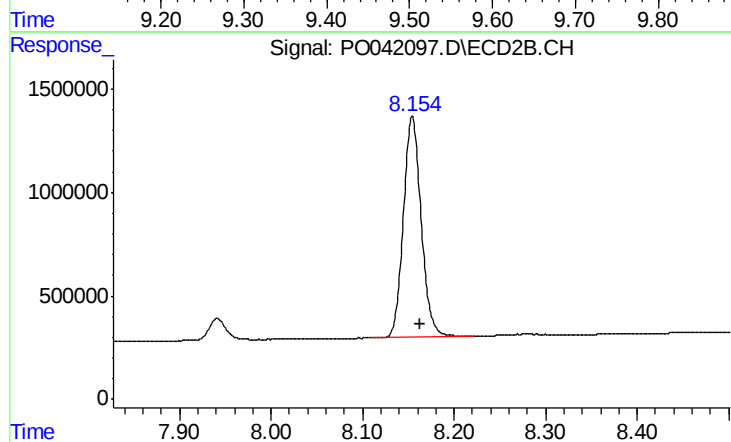
#1 Tetrachloro-m-xylene

R.T.: 3.358 min
Delta R.T.: -0.008 min
Response: 15287014
Conc: 52.66 ng/ml



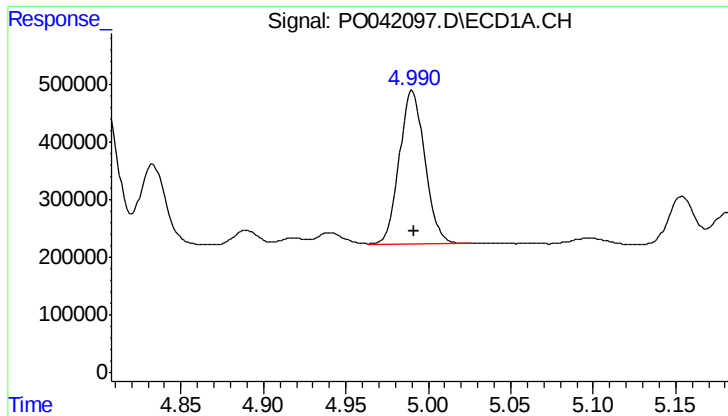
#2 Decachlorobiphenyl

R.T.: 9.515 min
Delta R.T.: -0.014 min
Response: 9877965
Conc: 42.04 ng/ml



#2 Decachlorobiphenyl

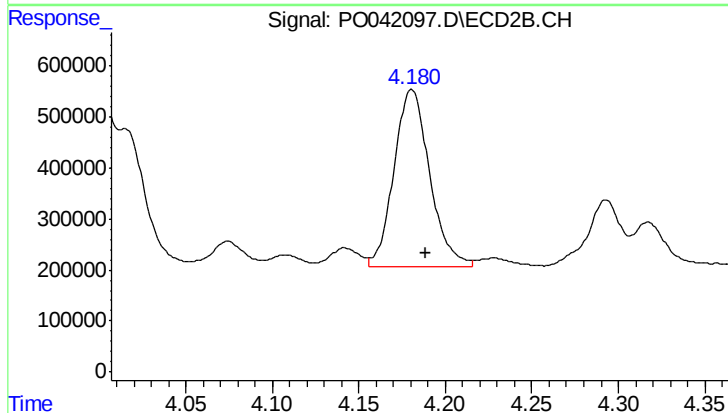
R.T.: 8.154 min
Delta R.T.: -0.008 min
Response: 14342677
Conc: 40.11 ng/ml



#3 AR-1016-1

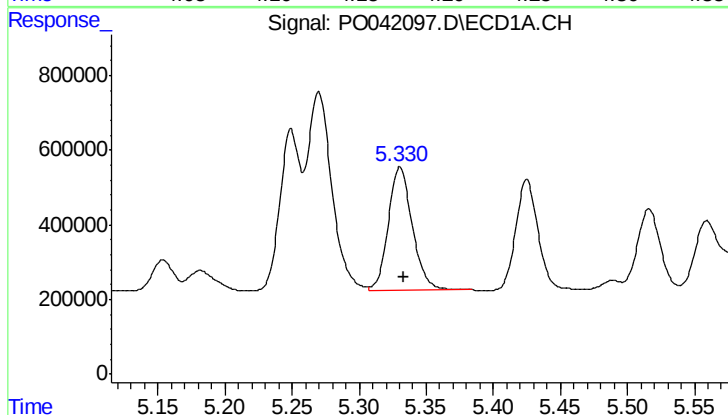
R.T.: 4.990 min
Delta R.T.: -0.001 min
Response: 2873953
Conc: 555.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



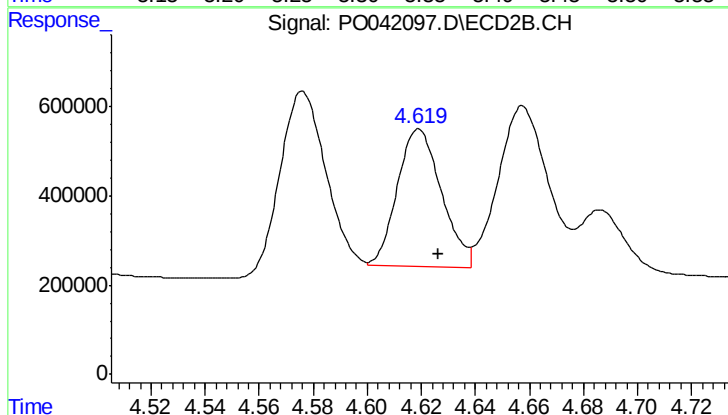
#3 AR-1016-1

R.T.: 4.181 min
Delta R.T.: -0.008 min
Response: 4958307
Conc: 659.74 ng/ml



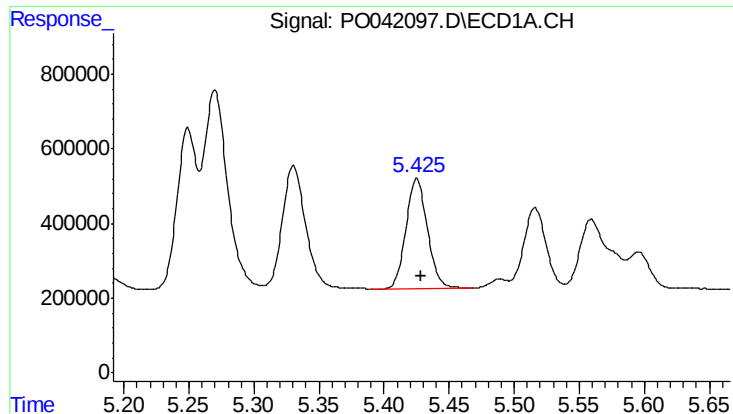
#4 AR-1016-2

R.T.: 5.330 min
Delta R.T.: -0.003 min
Response: 4104823
Conc: 572.30 ng/ml



#4 AR-1016-2

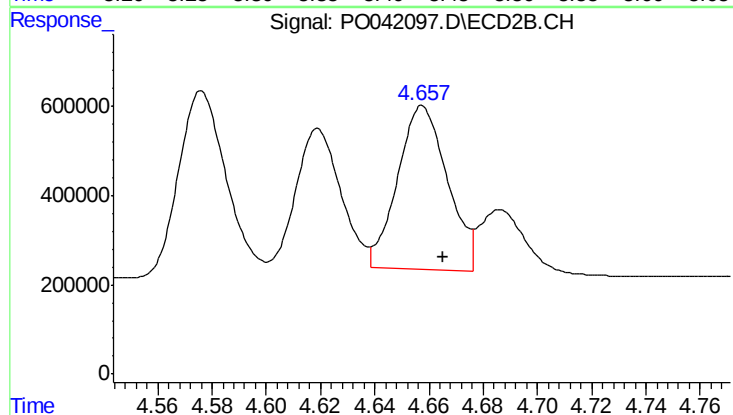
R.T.: 4.619 min
Delta R.T.: -0.007 min
Response: 3493971
Conc: 497.55 ng/ml



#5 AR-1016-3

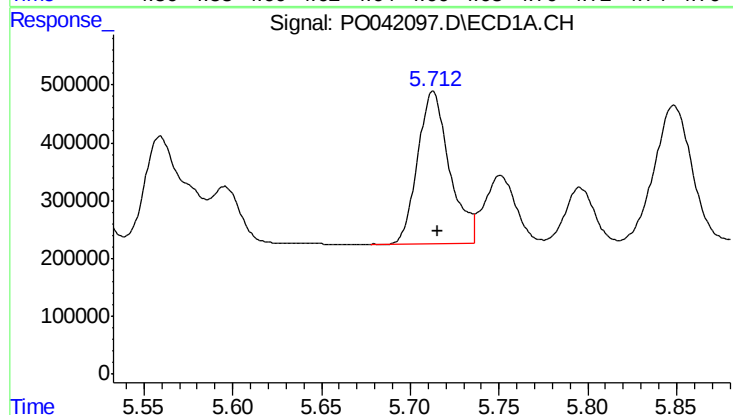
R.T.: 5.425 min
Delta R.T.: -0.003 min
Response: 3365397
Conc: 564.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



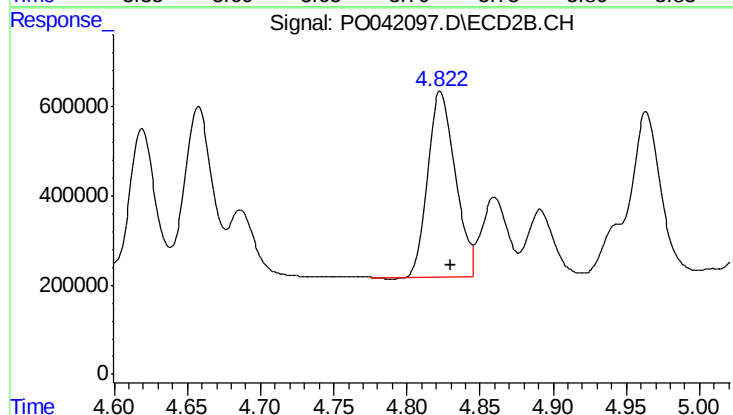
#5 AR-1016-3

R.T.: 4.658 min
Delta R.T.: -0.008 min
Response: 4697842
Conc: 554.80 ng/ml



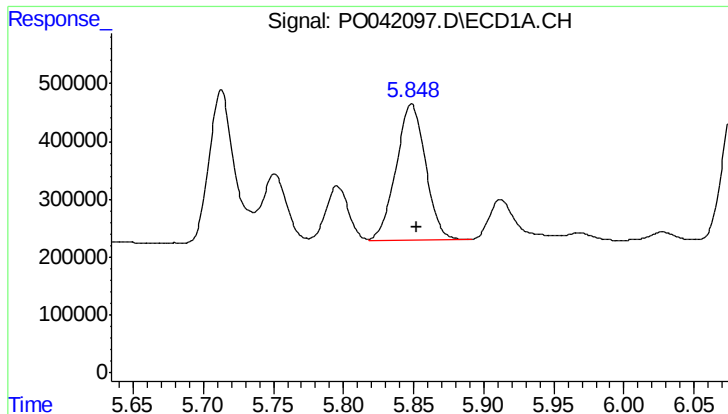
#6 AR-1016-4

R.T.: 5.713 min
Delta R.T.: -0.002 min
Response: 3269420
Conc: 540.22 ng/ml



#6 AR-1016-4

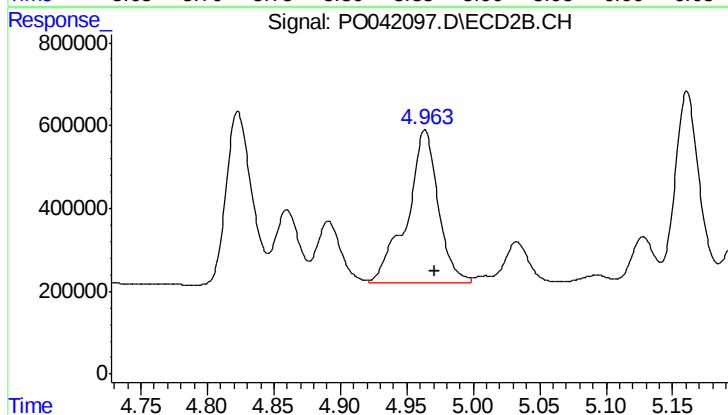
R.T.: 4.823 min
Delta R.T.: -0.007 min
Response: 5434222
Conc: 583.17 ng/ml



#7 AR-1016-5

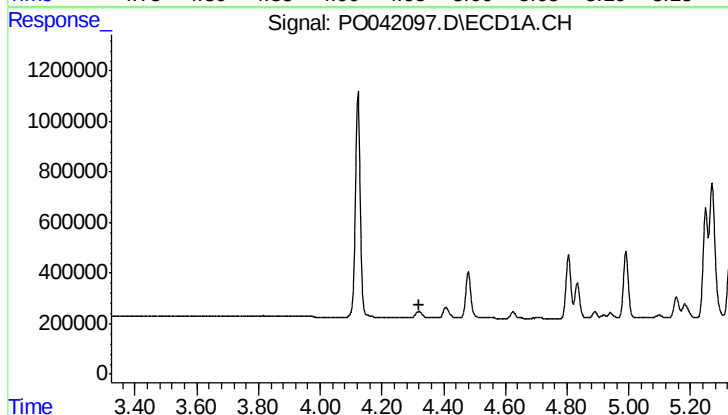
R.T.: 5.848 min
Delta R.T.: -0.003 min
Response: 3437671
Conc: 532.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



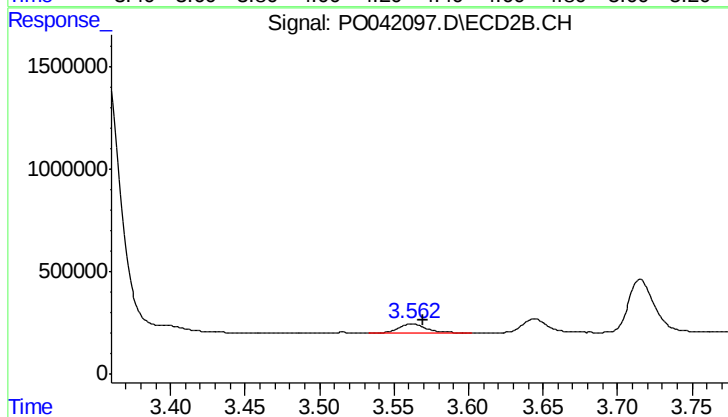
#7 AR-1016-5

R.T.: 4.964 min
Delta R.T.: -0.007 min
Response: 6035820
Conc: 608.78 ng/ml



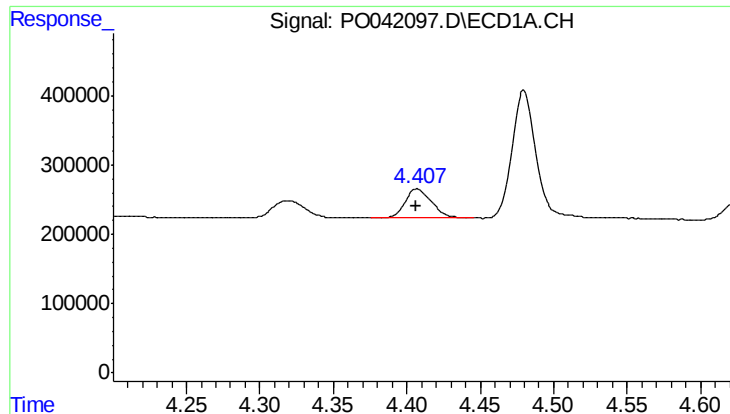
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.323 min
Response: 0
Conc: N.D.



#8 AR-1221-1

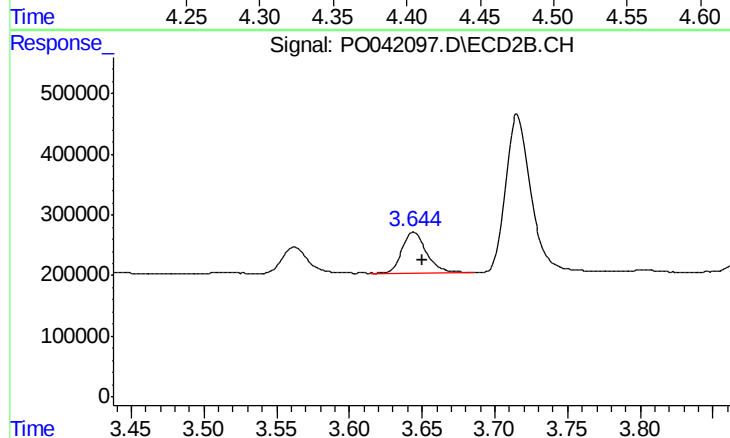
R.T.: 3.562 min
Delta R.T.: -0.007 min
Response: 533292
Conc: 207.54 ng/ml



#9 AR-1221-2

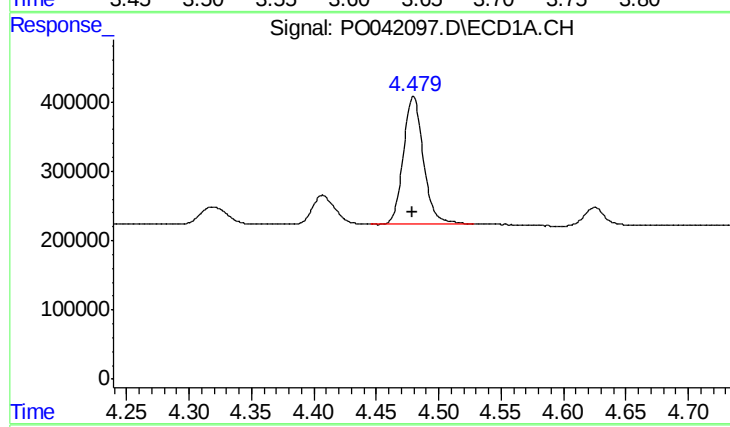
R.T.: 4.407 min
Delta R.T.: 0.000 min
Response: 519055
Conc: 365.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



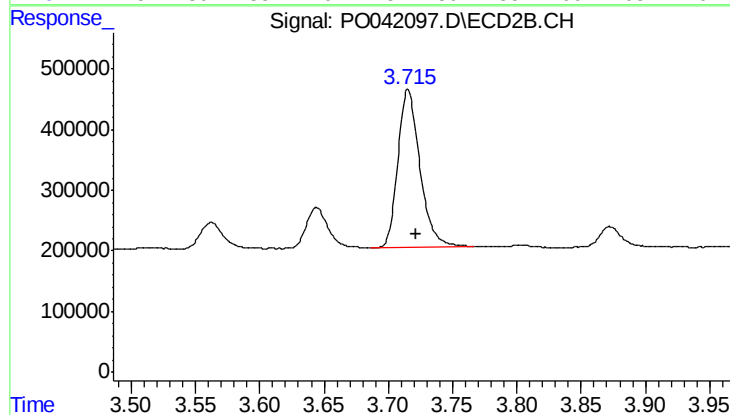
#9 AR-1221-2

R.T.: 3.644 min
Delta R.T.: -0.006 min
Response: 782289
Conc: 413.57 ng/ml



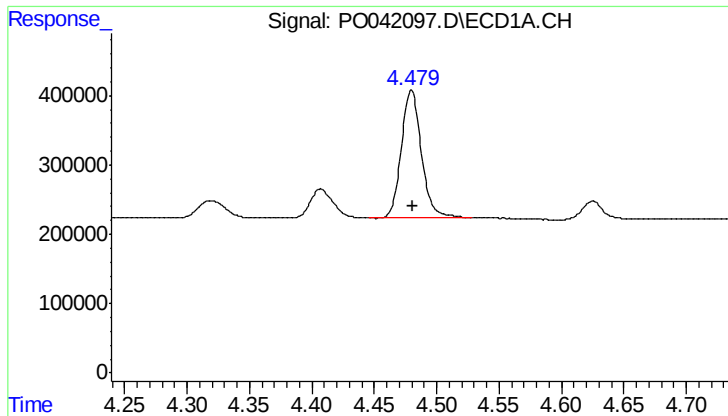
#10 AR-1221-3

R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 2061149
Conc: 445.42 ng/ml



#10 AR-1221-3

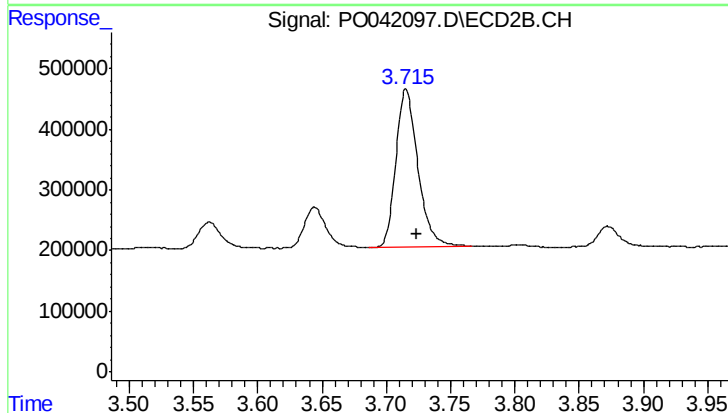
R.T.: 3.715 min
Delta R.T.: -0.007 min
Response: 3096567
Conc: 495.15 ng/ml



#11 AR-1232-1

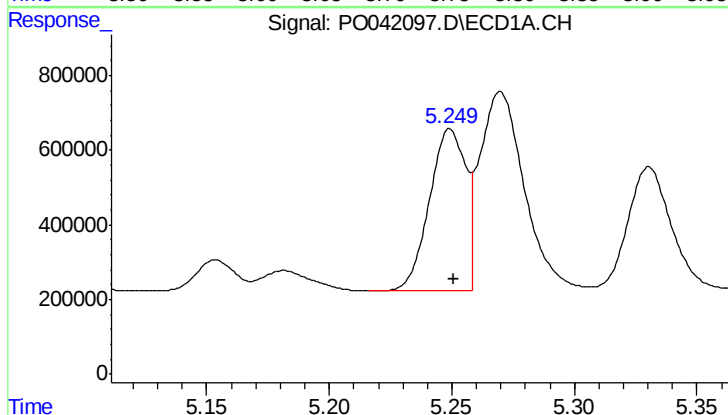
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 2061149
Conc: 588.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



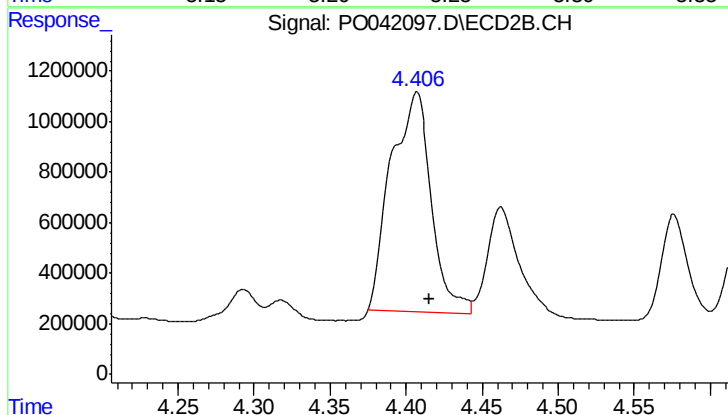
#11 AR-1232-1

R.T.: 3.715 min
Delta R.T.: -0.008 min
Response: 3096567
Conc: 628.84 ng/ml



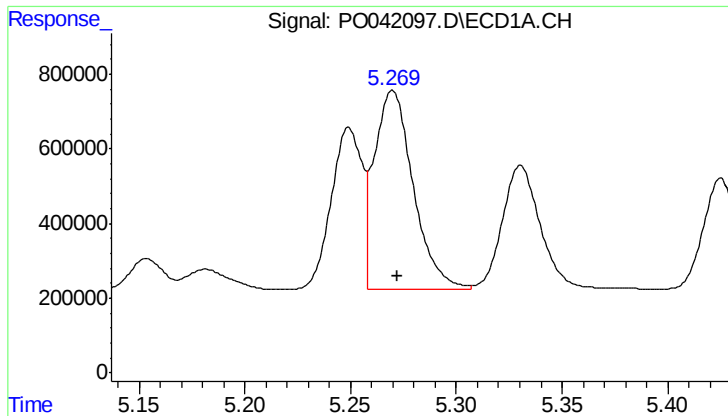
#12 AR-1232-2

R.T.: 5.249 min
Delta R.T.: -0.002 min
Response: 4437017
Conc: 1685.99 ng/ml



#12 AR-1232-2

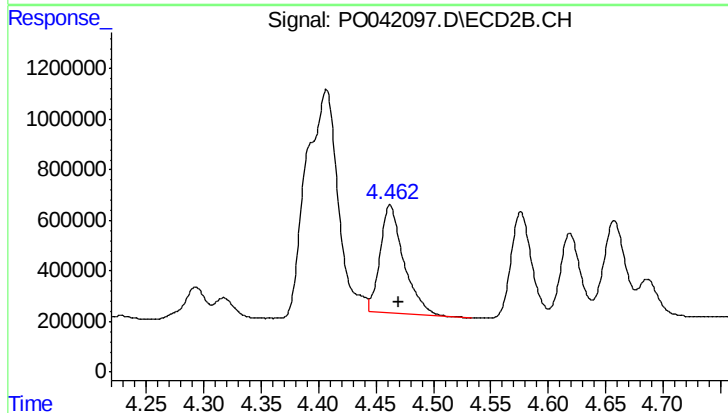
R.T.: 4.407 min
Delta R.T.: -0.008 min
Response: 16213072
Conc: 1612.49 ng/ml



#13 AR-1232-3

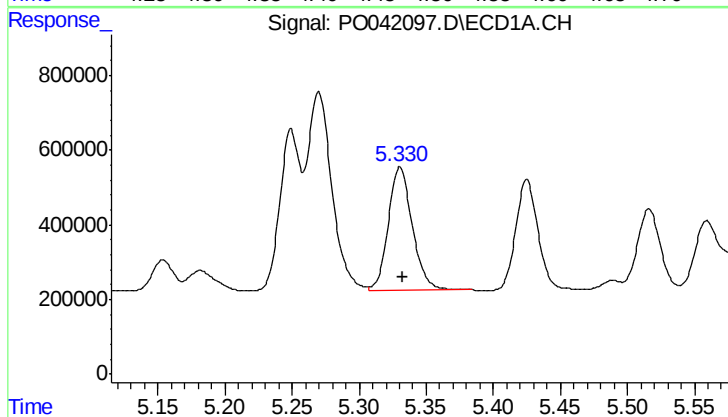
R.T.: 5.270 min
Delta R.T.: -0.002 min
Response: 6753298
Conc: 1512.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



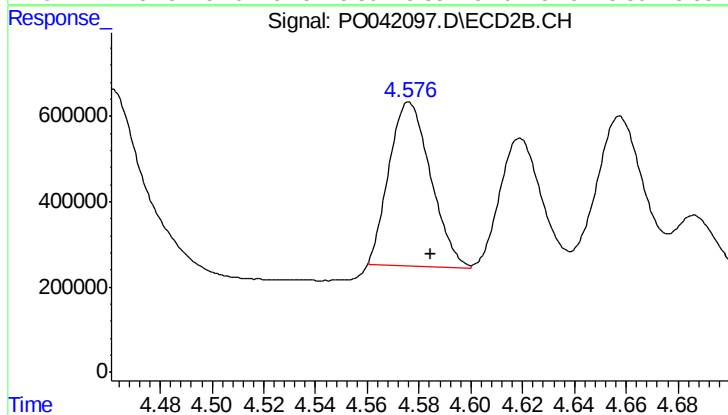
#13 AR-1232-3

R.T.: 4.462 min
Delta R.T.: -0.008 min
Response: 6198667
Conc: 1503.21 ng/ml



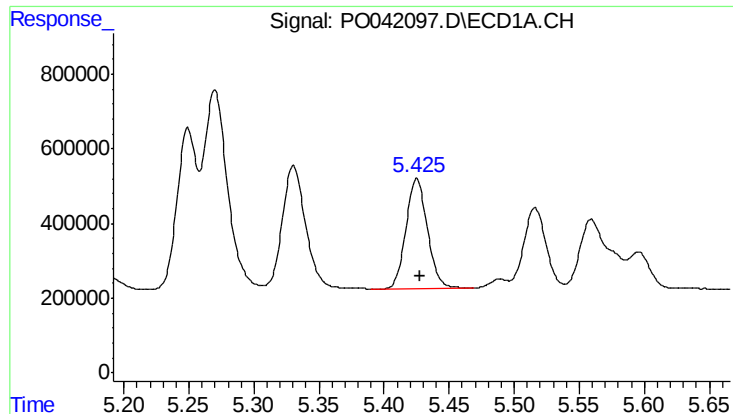
#14 AR-1232-4

R.T.: 5.330 min
Delta R.T.: -0.002 min
Response: 4104823
Conc: 1490.74 ng/ml



#14 AR-1232-4

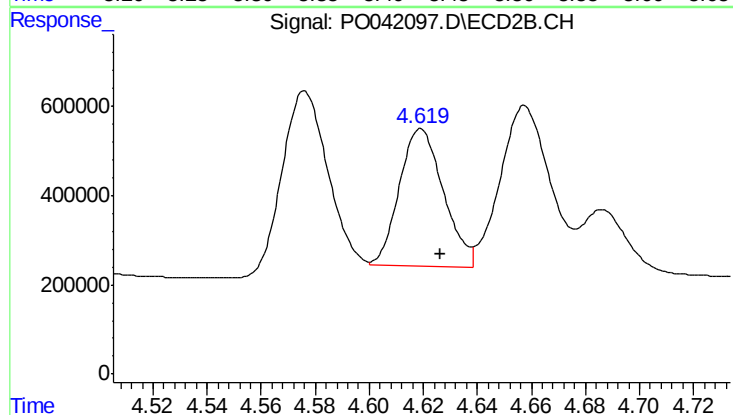
R.T.: 4.576 min
Delta R.T.: -0.008 min
Response: 4286851
Conc: 1383.53 ng/ml



#15 AR-1232-5

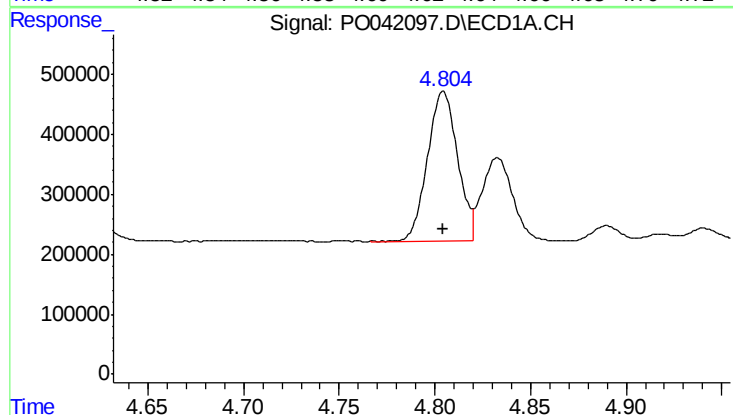
R.T.: 5.425 min
Delta R.T.: -0.002 min
Response: 3365397
Conc: 1602.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



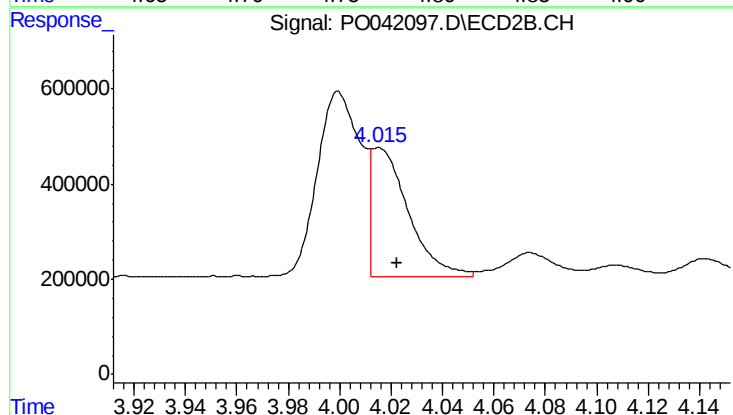
#15 AR-1232-5

R.T.: 4.619 min
Delta R.T.: -0.007 min
Response: 3493971
Conc: 1616.07 ng/ml



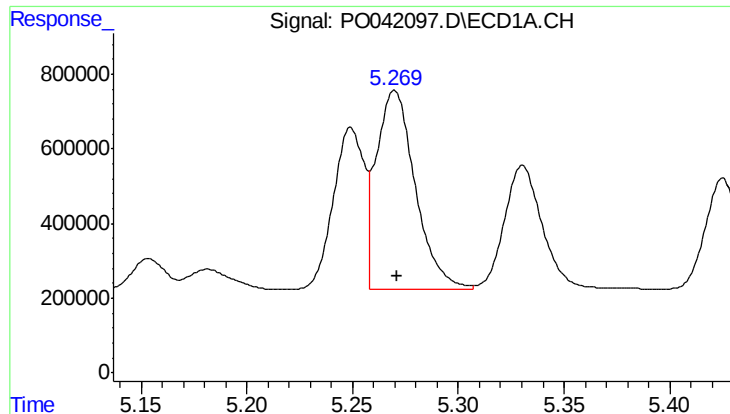
#16 AR-1242-1

R.T.: 4.804 min
Delta R.T.: 0.000 min
Response: 2725076
Conc: 879.00 ng/ml



#16 AR-1242-1

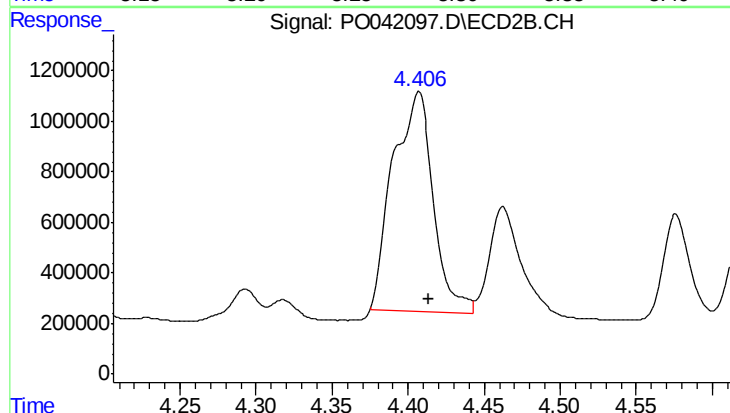
R.T.: 4.015 min
Delta R.T.: -0.007 min
Response: 2711435
Conc: 1068.44 ng/ml



#17 AR-1242-2

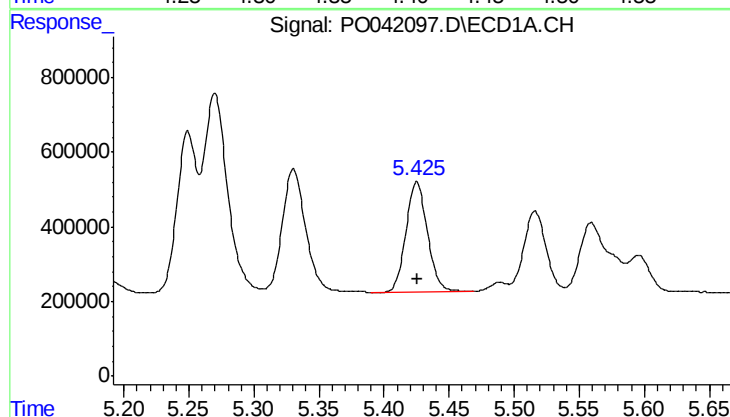
R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 6753298
Conc: 918.13 ng/ml

Instrument :
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ClientSampleId :
AR1660CCC500



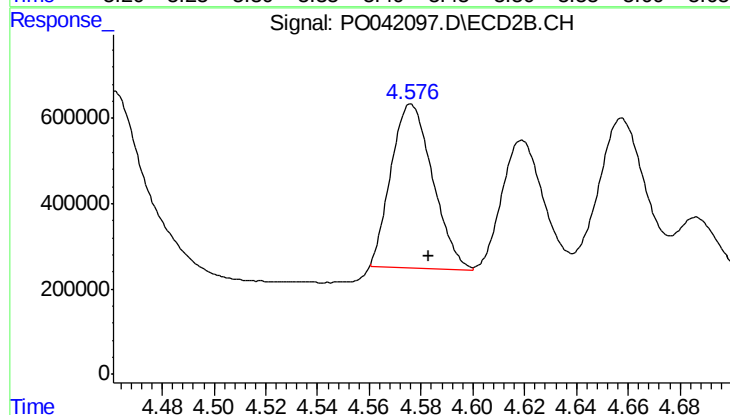
#17 AR-1242-2

R.T.: 4.407 min
Delta R.T.: -0.007 min
Response: 16213072
Conc: 944.92 ng/ml



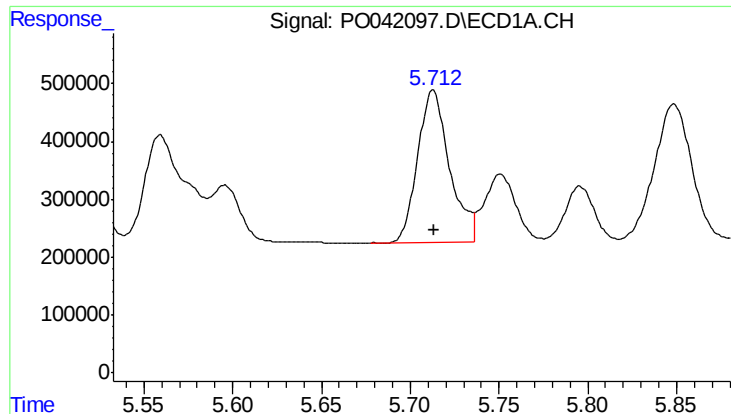
#18 AR-1242-3

R.T.: 5.425 min
Delta R.T.: 0.000 min
Response: 3365397
Conc: 915.50 ng/ml



#18 AR-1242-3

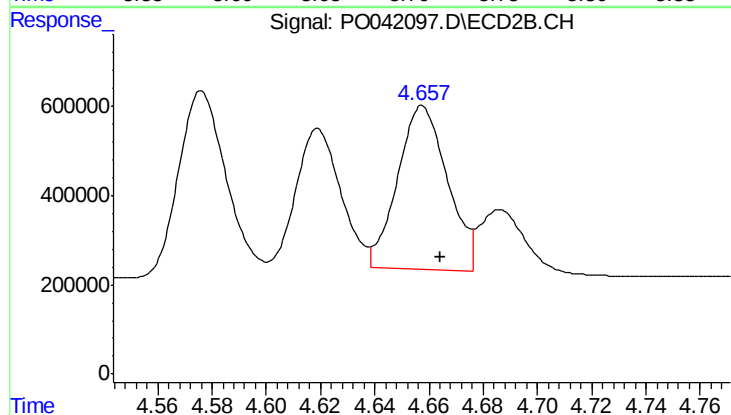
R.T.: 4.576 min
Delta R.T.: -0.007 min
Response: 4286851
Conc: 814.95 ng/ml



#19 AR-1242-4

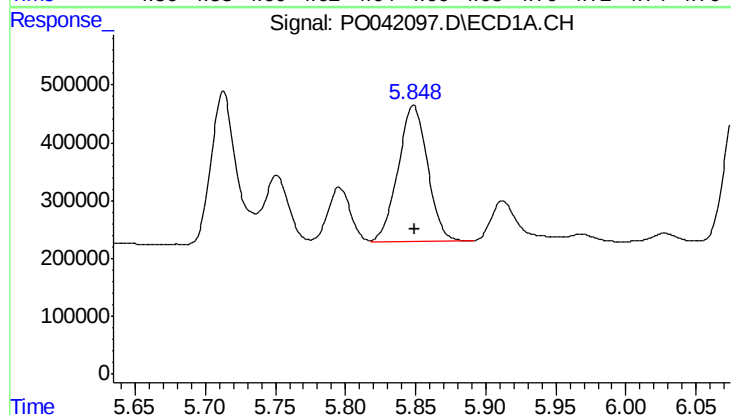
R.T.: 5.713 min
Delta R.T.: 0.000 min
Response: 3269420
Conc: 869.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



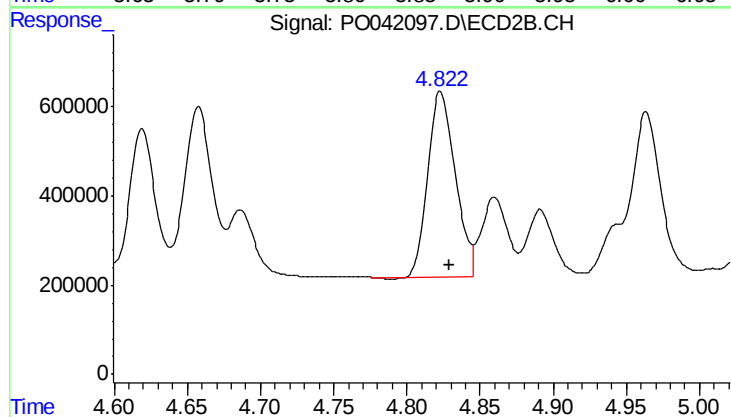
#19 AR-1242-4

R.T.: 4.658 min
Delta R.T.: -0.007 min
Response: 4697842
Conc: 897.37 ng/ml



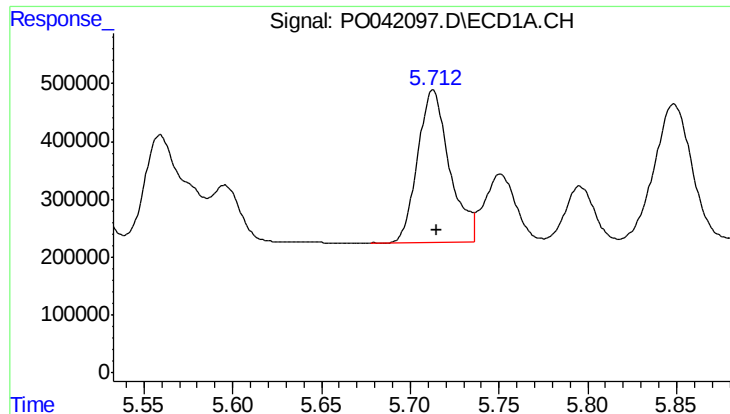
#20 AR-1242-5

R.T.: 5.848 min
Delta R.T.: -0.001 min
Response: 3437671
Conc: 824.22 ng/ml



#20 AR-1242-5

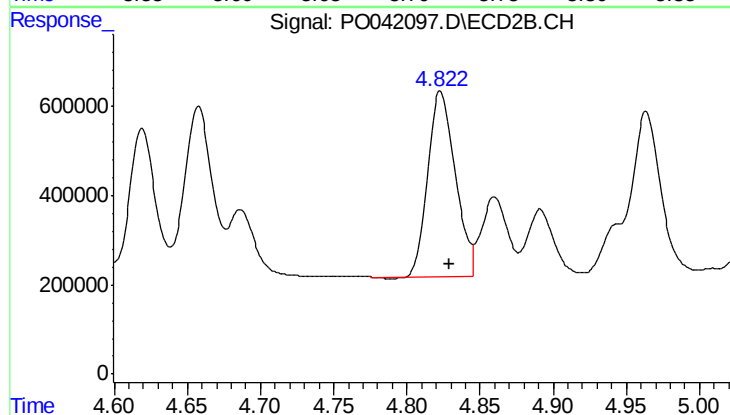
R.T.: 4.823 min
Delta R.T.: -0.006 min
Response: 5434222
Conc: 939.83 ng/ml



#21 AR-1248-1

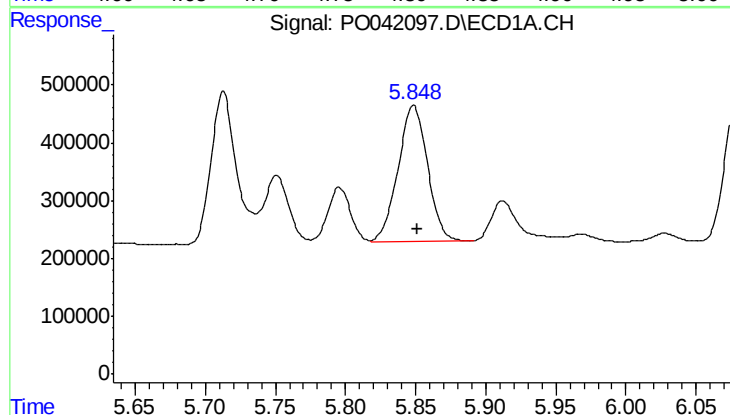
R.T.: 5.713 min
Delta R.T.: -0.002 min
Response: 3269420
Conc: 452.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



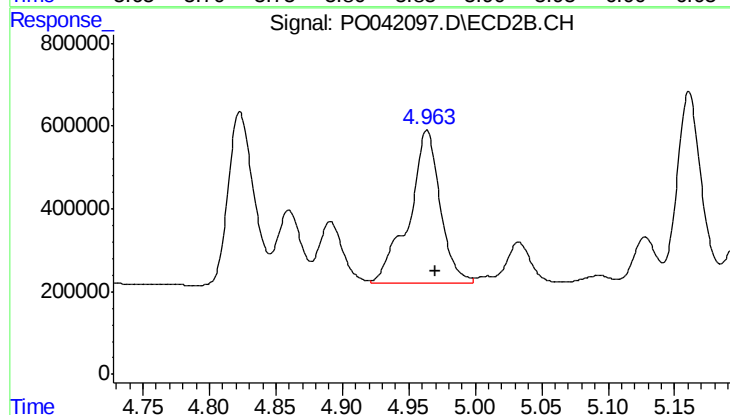
#21 AR-1248-1

R.T.: 4.823 min
Delta R.T.: -0.007 min
Response: 5434222
Conc: 497.09 ng/ml



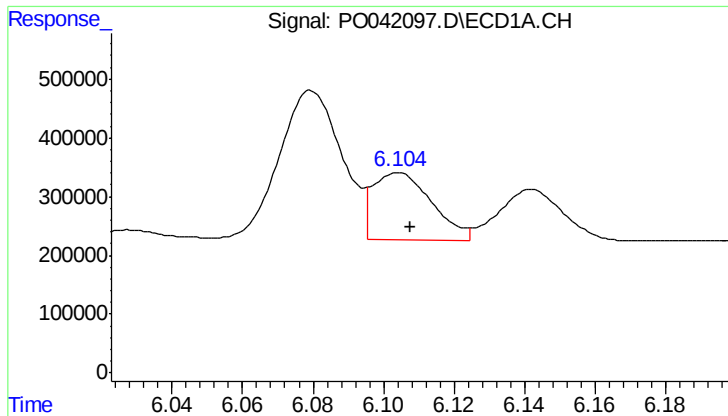
#22 AR-1248-2

R.T.: 5.848 min
Delta R.T.: -0.003 min
Response: 3437671
Conc: 548.35 ng/ml



#22 AR-1248-2

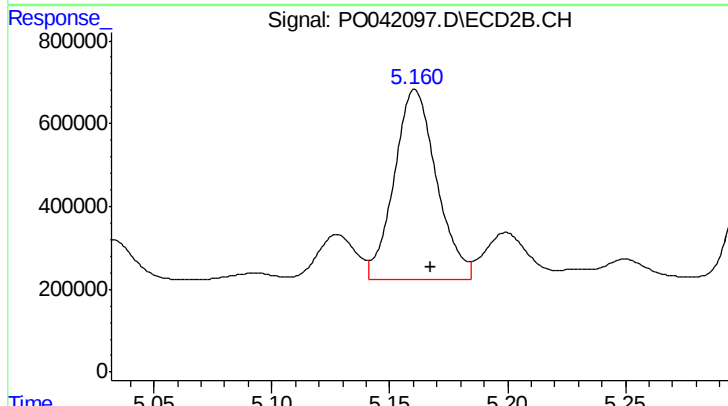
R.T.: 4.964 min
Delta R.T.: -0.006 min
Response: 6035820
Conc: 620.74 ng/ml



#23 AR-1248-3

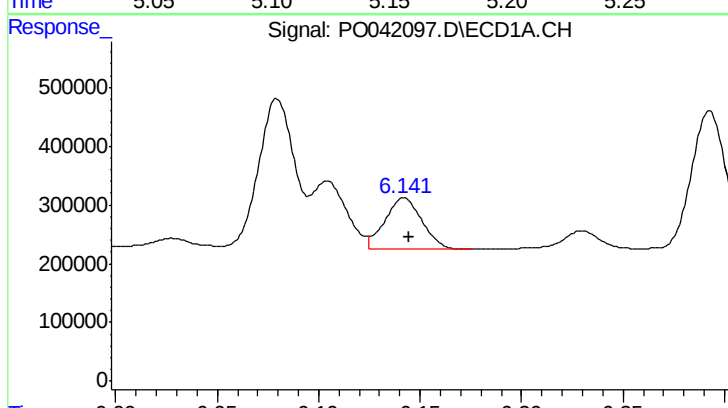
R.T.: 6.104 min
Delta R.T.: -0.003 min
Response: 1331800
Conc: 145.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



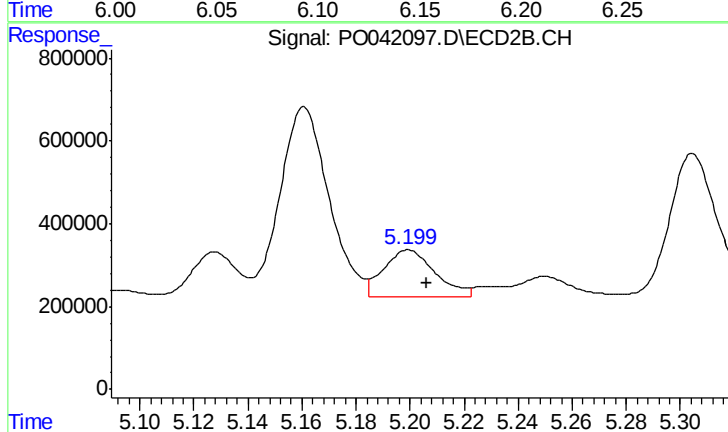
#23 AR-1248-3

R.T.: 5.161 min
Delta R.T.: -0.007 min
Response: 5753619
Conc: 339.24 ng/ml



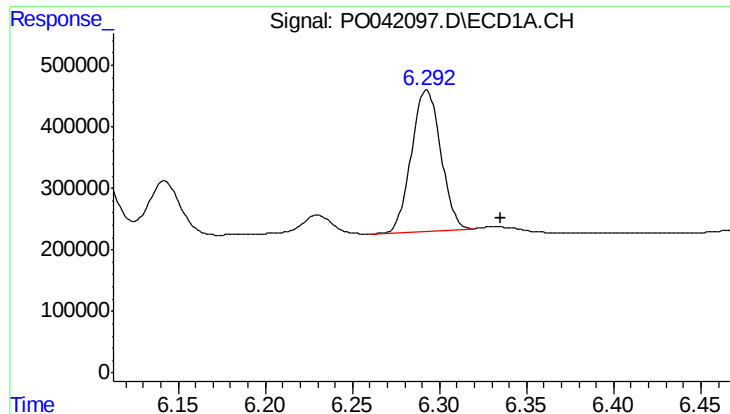
#24 AR-1248-4

R.T.: 6.142 min
Delta R.T.: -0.003 min
Response: 1103940
Conc: 123.19 ng/ml



#24 AR-1248-4

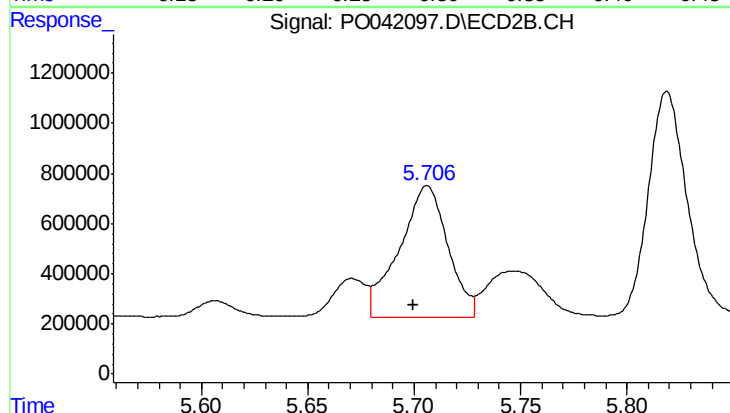
R.T.: 5.199 min
Delta R.T.: -0.007 min
Response: 1497902
Conc: 110.94 ng/ml



#25 AR-1248-5

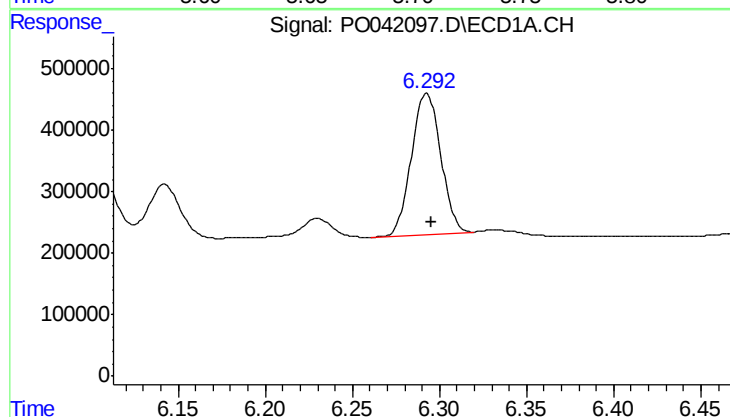
R.T.: 6.293 min
Delta R.T.: -0.043 min
Response: 2690702
Conc: 450.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



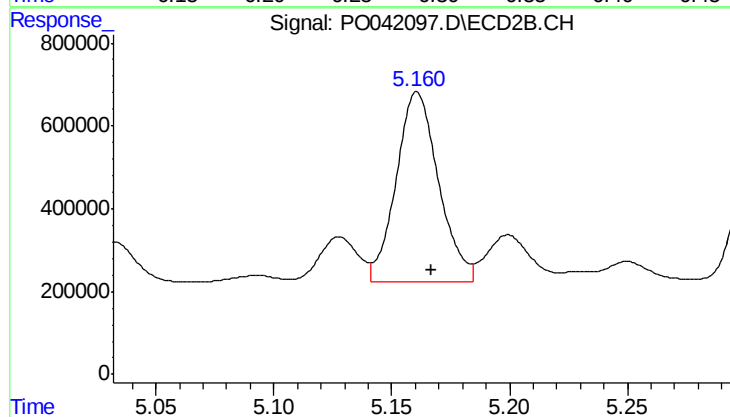
#25 AR-1248-5

R.T.: 5.706 min
Delta R.T.: 0.006 min
Response: 8347855
Conc: 1083.37 ng/ml



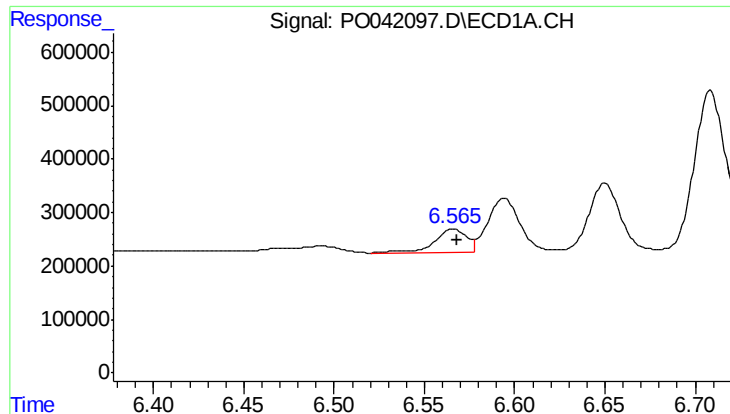
#26 AR-1254-1

R.T.: 6.293 min
Delta R.T.: -0.003 min
Response: 2690702
Conc: 191.14 ng/ml



#26 AR-1254-1

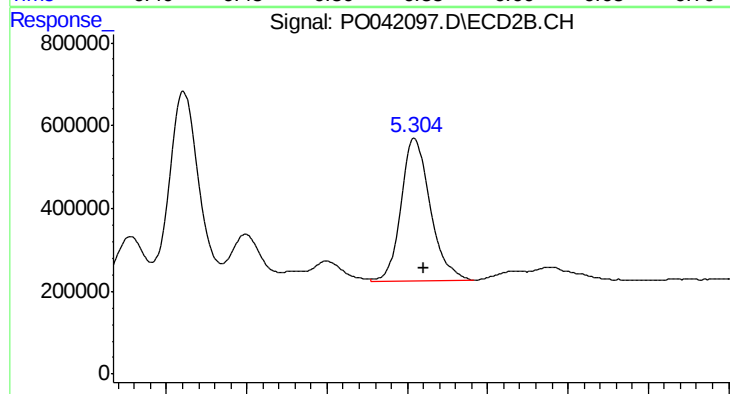
R.T.: 5.161 min
Delta R.T.: -0.006 min
Response: 5753619
Conc: 311.08 ng/ml



#27 AR-1254-2

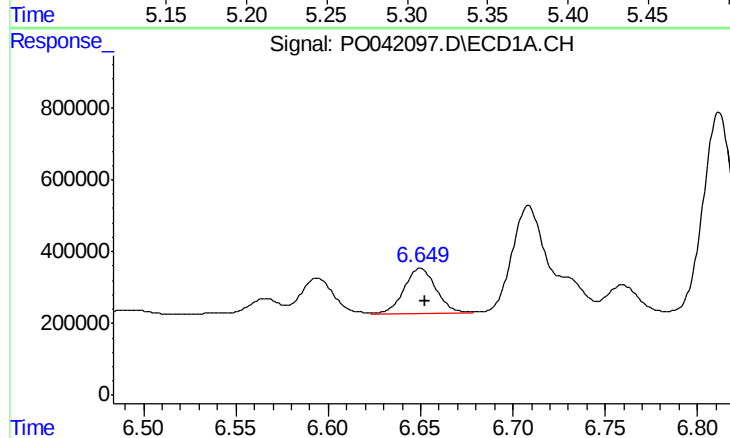
R.T.: 6.566 min
Delta R.T.: -0.002 min
Response: 546320
Conc: 62.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



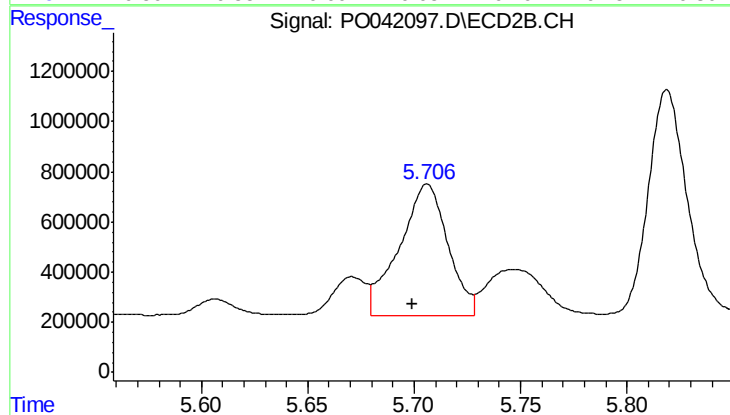
#27 AR-1254-2

R.T.: 5.305 min
Delta R.T.: -0.006 min
Response: 4362468
Conc: 263.81 ng/ml



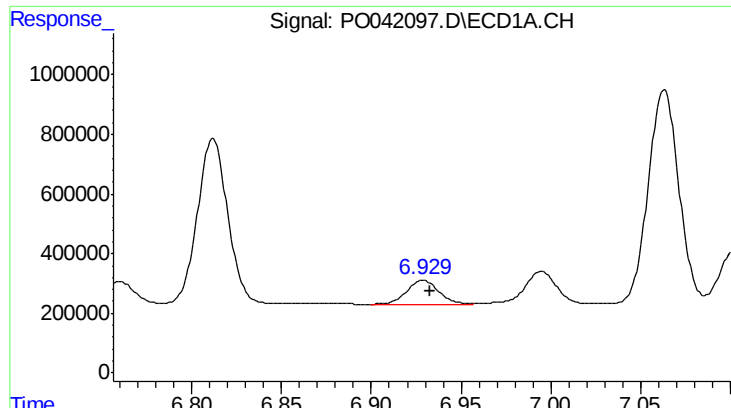
#28 AR-1254-3

R.T.: 6.650 min
Delta R.T.: -0.002 min
Response: 1550990
Conc: 100.07 ng/ml



#28 AR-1254-3

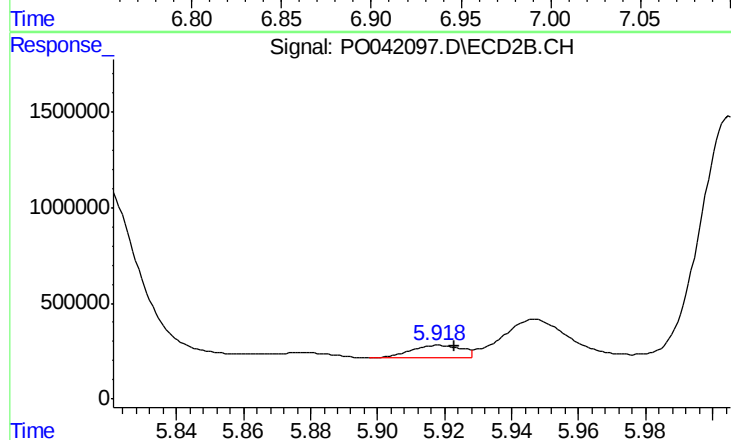
R.T.: 5.706 min
Delta R.T.: 0.007 min
Response: 8347855
Conc: 303.43 ng/ml



#29 AR-1254-4

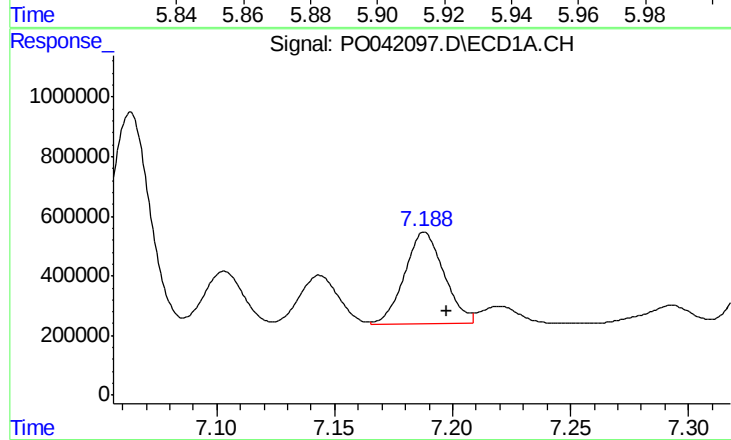
R.T.: 6.929 min
Delta R.T.: -0.004 min
Response: 984307
Conc: 75.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



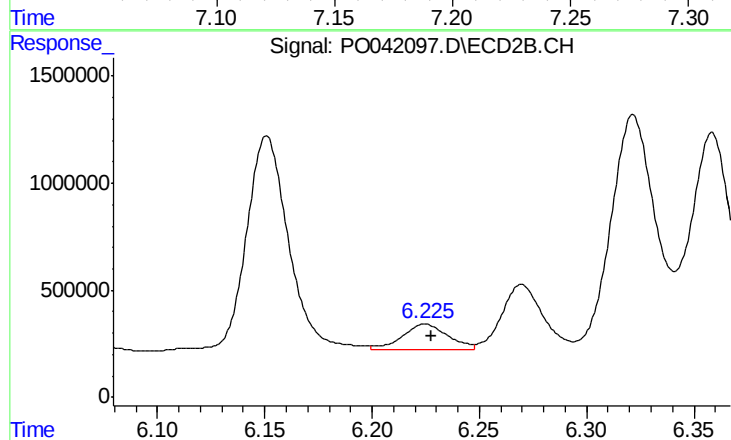
#29 AR-1254-4

R.T.: 5.918 min
Delta R.T.: -0.005 min
Response: 698658
Conc: 35.85 ng/ml



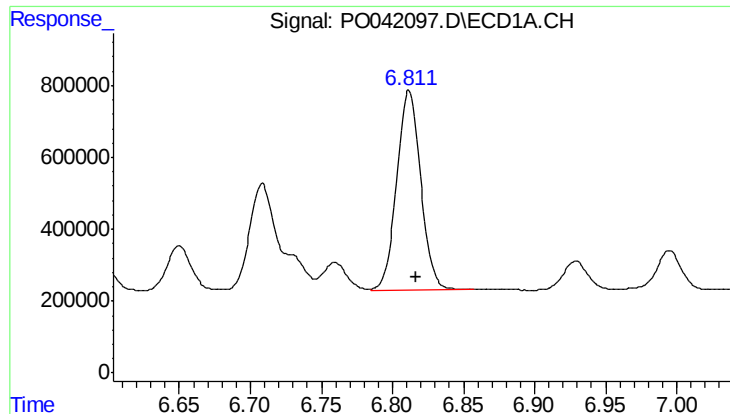
#30 AR-1254-5

R.T.: 7.188 min
Delta R.T.: -0.010 min
Response: 3596401
Conc: 382.04 ng/ml



#30 AR-1254-5

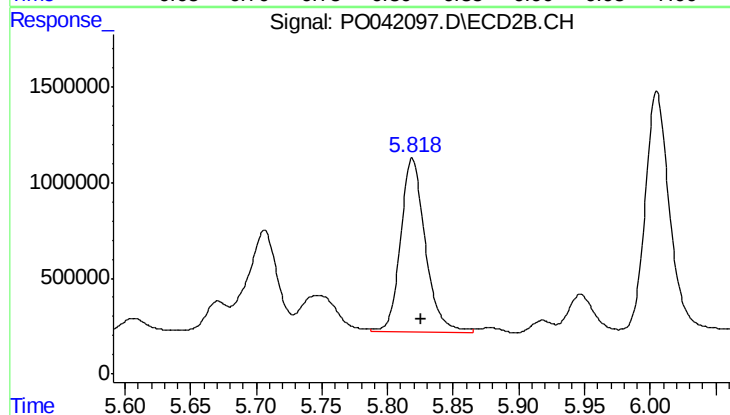
R.T.: 6.225 min
Delta R.T.: -0.003 min
Response: 1739877
Conc: 131.35 ng/ml



#31 AR-1260-1

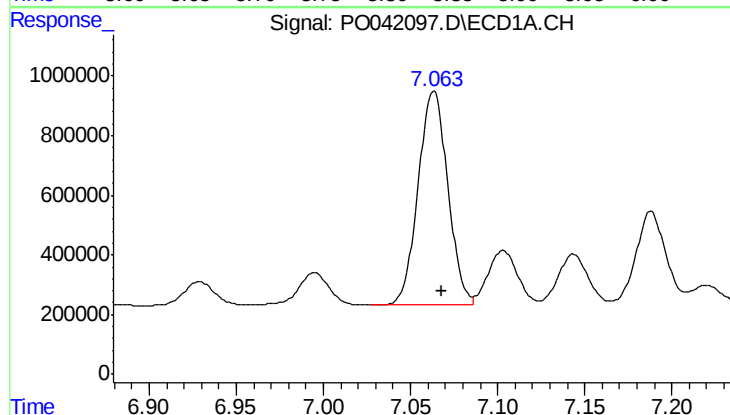
R.T.: 6.812 min
Delta R.T.: -0.005 min
Response: 6567319
Conc: 522.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



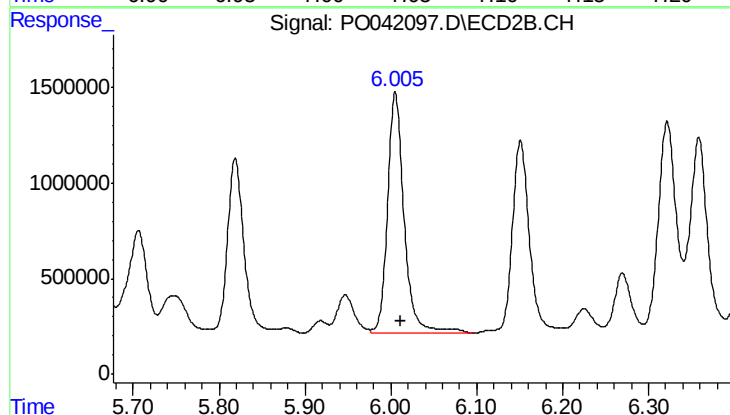
#31 AR-1260-1

R.T.: 5.819 min
Delta R.T.: -0.007 min
Response: 11955978
Conc: 560.09 ng/ml



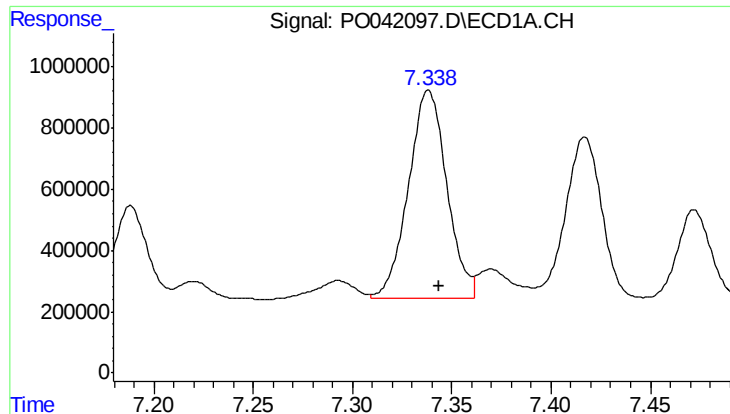
#32 AR-1260-2

R.T.: 7.063 min
Delta R.T.: -0.004 min
Response: 8481001
Conc: 487.43 ng/ml



#32 AR-1260-2

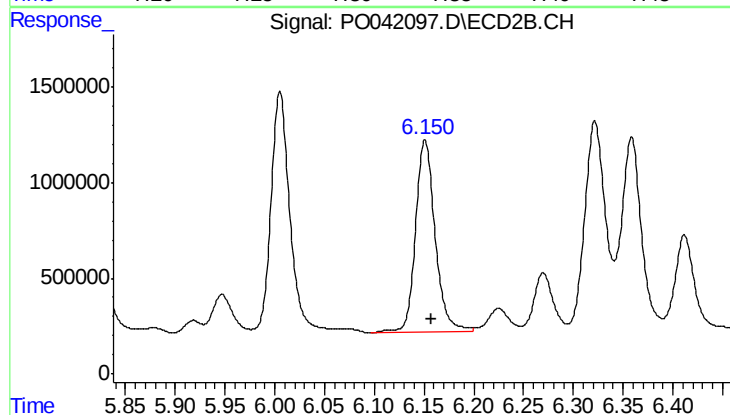
R.T.: 6.005 min
Delta R.T.: -0.007 min
Response: 16961263
Conc: 536.98 ng/ml



#33 AR-1260-3

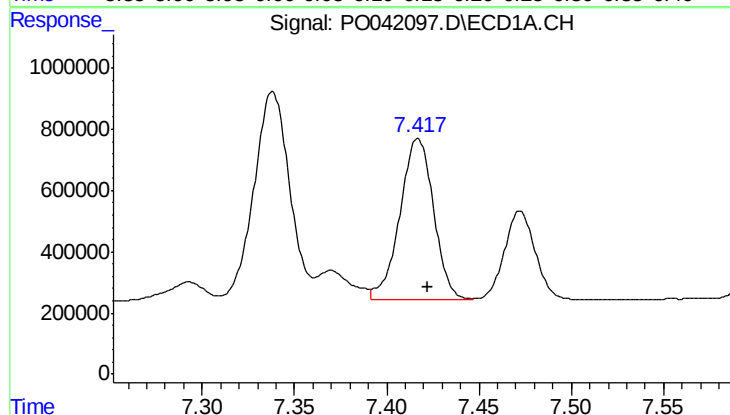
R.T.: 7.338 min
Delta R.T.: -0.005 min
Response: 9193316
Conc: 458.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



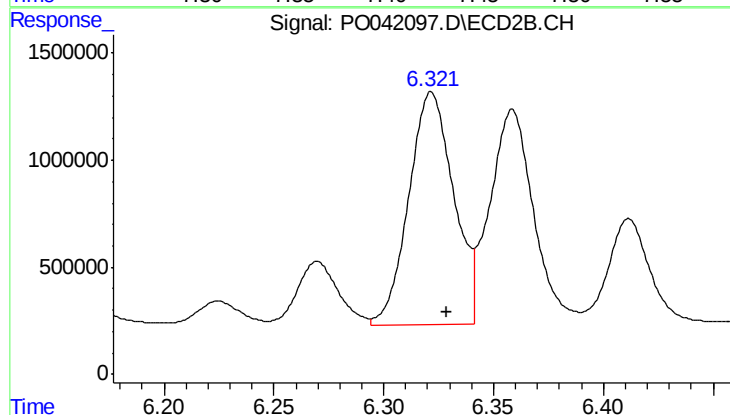
#33 AR-1260-3

R.T.: 6.151 min
Delta R.T.: -0.007 min
Response: 13826688
Conc: 529.75 ng/ml



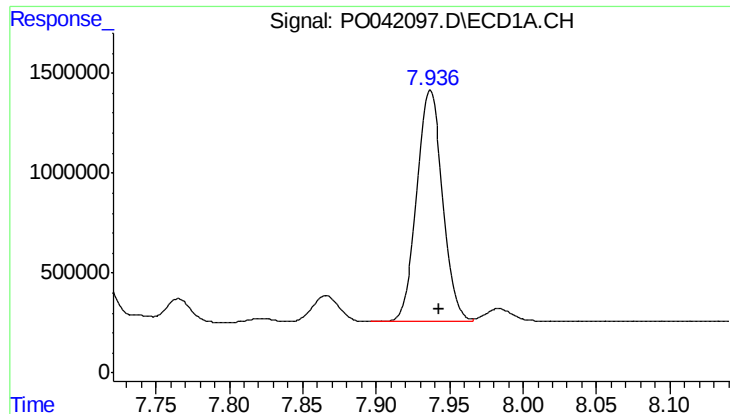
#34 AR-1260-4

R.T.: 7.417 min
Delta R.T.: -0.005 min
Response: 6724622
Conc: 571.72 ng/ml



#34 AR-1260-4

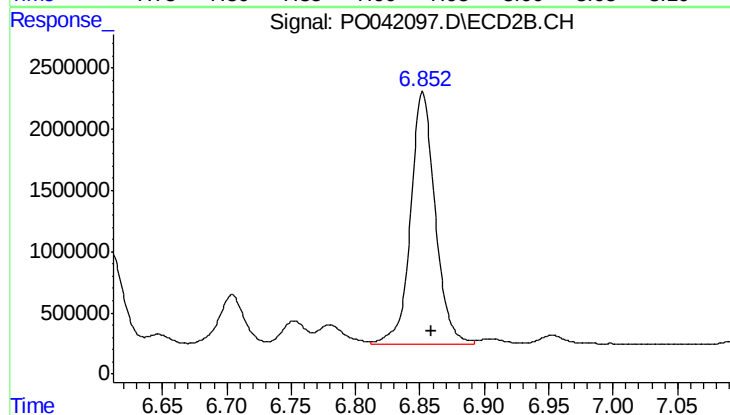
R.T.: 6.322 min
Delta R.T.: -0.007 min
Response: 15469592
Conc: 453.69 ng/ml



#35 AR-1260-5

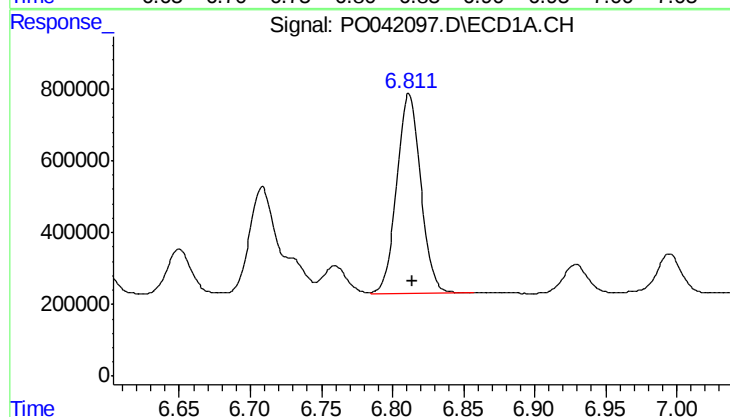
R.T.: 7.937 min
Delta R.T.: -0.006 min
Response: 14191143
Conc: 539.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



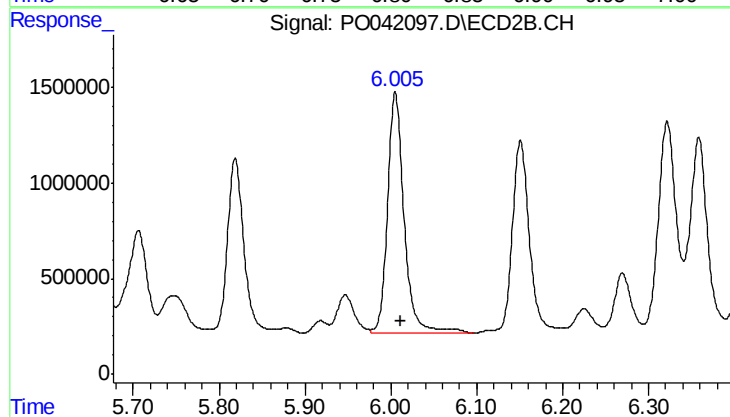
#35 AR-1260-5

R.T.: 6.852 min
Delta R.T.: -0.007 min
Response: 27275929
Conc: 508.37 ng/ml



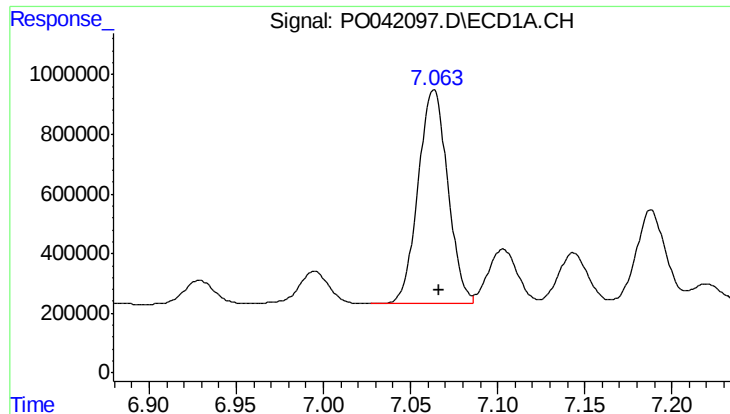
#36 AR-1262-1

R.T.: 6.812 min
Delta R.T.: -0.003 min
Response: 6567319
Conc: 694.40 ng/ml



#36 AR-1262-1

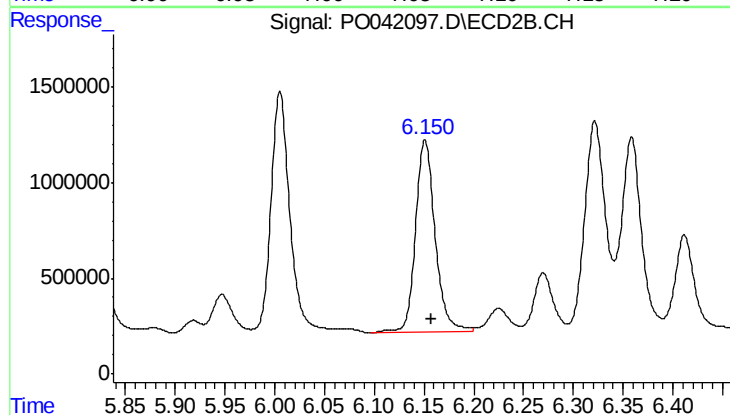
R.T.: 6.005 min
Delta R.T.: -0.006 min
Response: 16961263
Conc: 763.66 ng/ml



#37 AR-1262-2

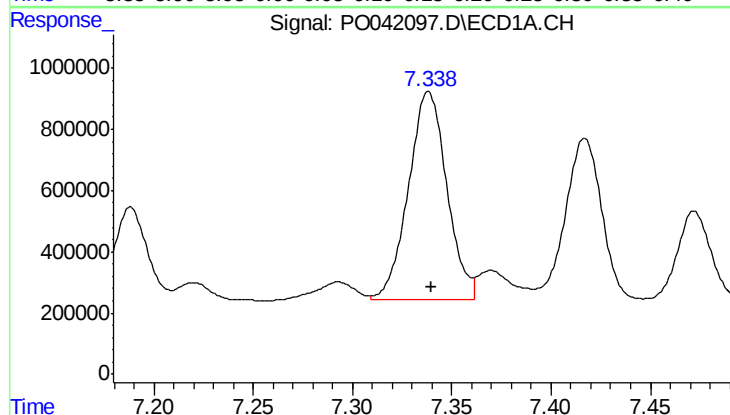
R.T.: 7.063 min
Delta R.T.: -0.003 min
Response: 8481001
Conc: 728.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



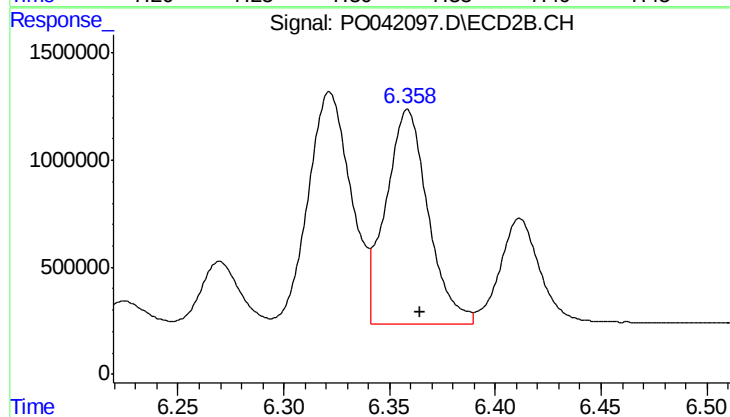
#37 AR-1262-2

R.T.: 6.151 min
Delta R.T.: -0.006 min
Response: 13826688
Conc: 687.54 ng/ml



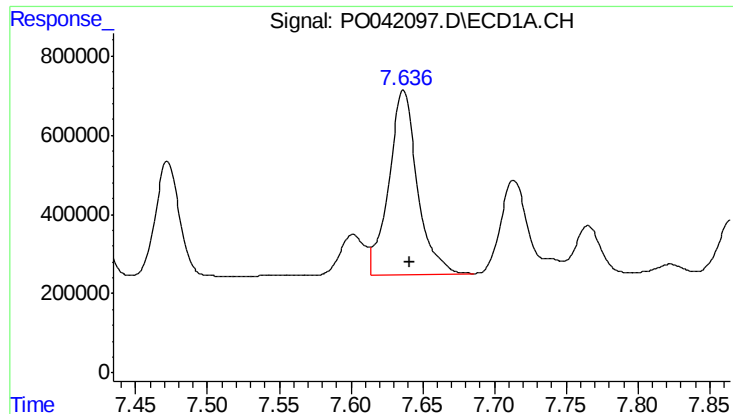
#38 AR-1262-3

R.T.: 7.338 min
Delta R.T.: -0.001 min
Response: 9193316
Conc: 798.96 ng/ml



#38 AR-1262-3

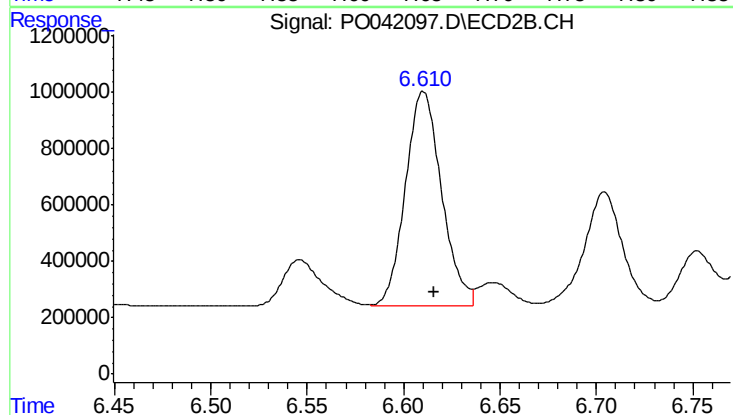
R.T.: 6.359 min
Delta R.T.: -0.006 min
Response: 14014392
Conc: 378.11 ng/ml



#39 AR-1262-4

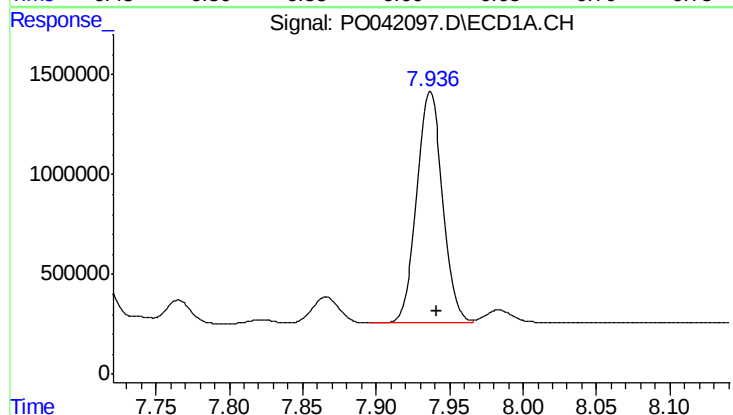
R.T.: 7.637 min
Delta R.T.: -0.004 min
Response: 6424135
Conc: 418.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



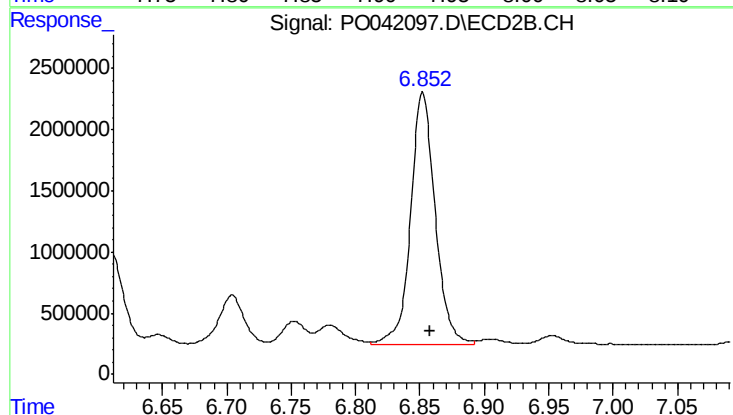
#39 AR-1262-4

R.T.: 6.610 min
Delta R.T.: -0.005 min
Response: 9894564
Conc: 357.25 ng/ml



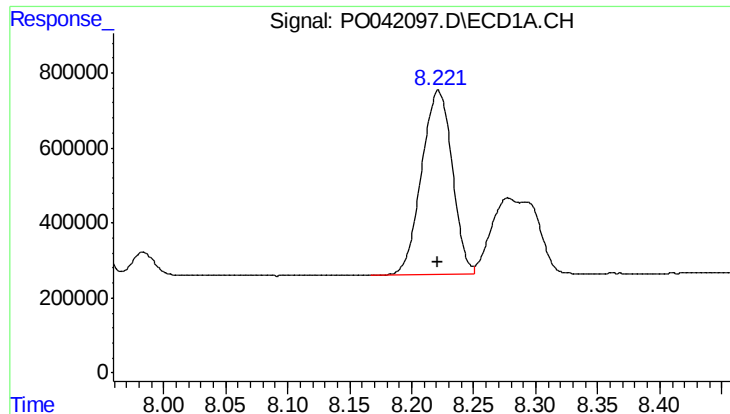
#40 AR-1262-5

R.T.: 7.937 min
Delta R.T.: -0.004 min
Response: 14191143
Conc: 440.83 ng/ml



#40 AR-1262-5

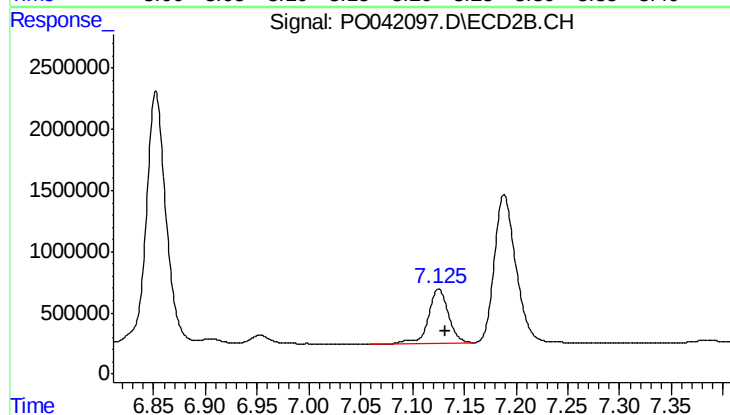
R.T.: 6.852 min
Delta R.T.: -0.006 min
Response: 27275929
Conc: 430.51 ng/ml



#41 AR-1268-1

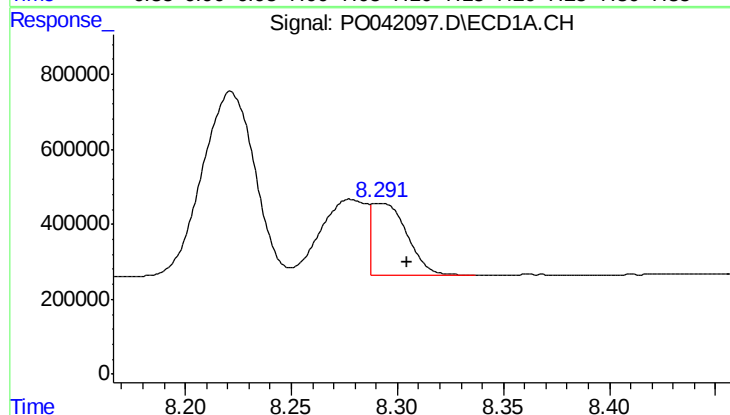
R.T.: 8.221 min
Delta R.T.: 0.000 min
Response: 8441385
Conc: 223.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



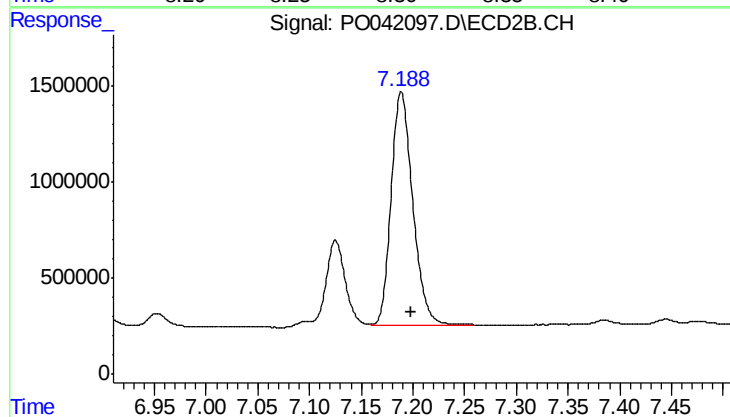
#41 AR-1268-1

R.T.: 7.125 min
Delta R.T.: -0.007 min
Response: 5992507
Conc: 81.76 ng/ml



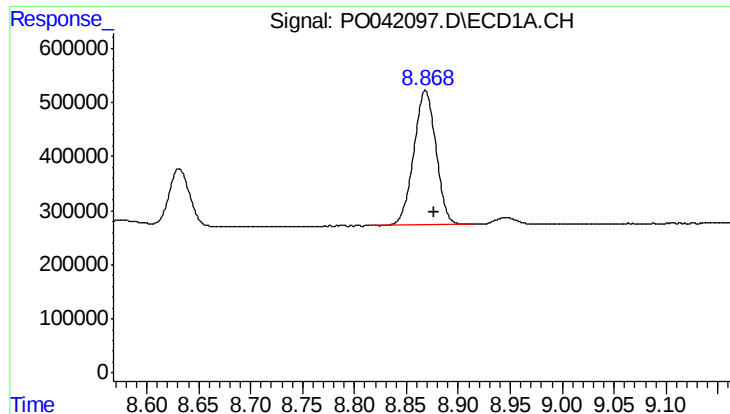
#42 AR-1268-2

R.T.: 8.292 min
Delta R.T.: -0.013 min
Response: 2206835
Conc: 66.51 ng/ml



#42 AR-1268-2

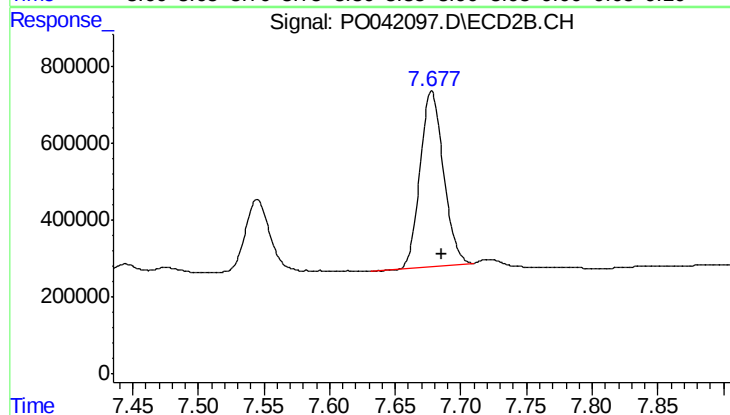
R.T.: 7.189 min
Delta R.T.: -0.009 min
Response: 17581256
Conc: 271.93 ng/ml



#44 AR-1268-4

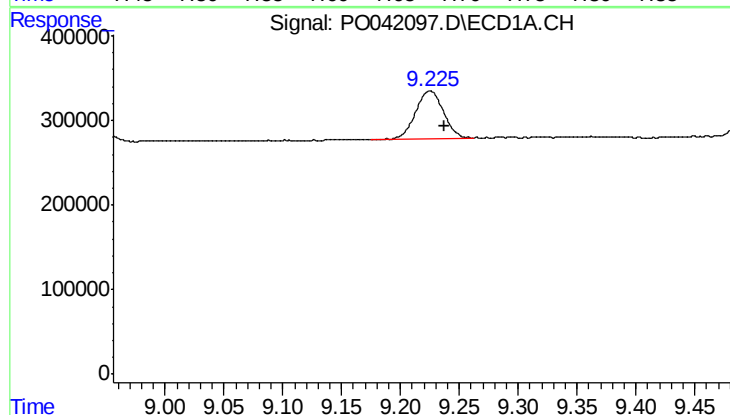
R.T.: 8.868 min
Delta R.T.: -0.008 min
Response: 3716058
Conc: 298.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



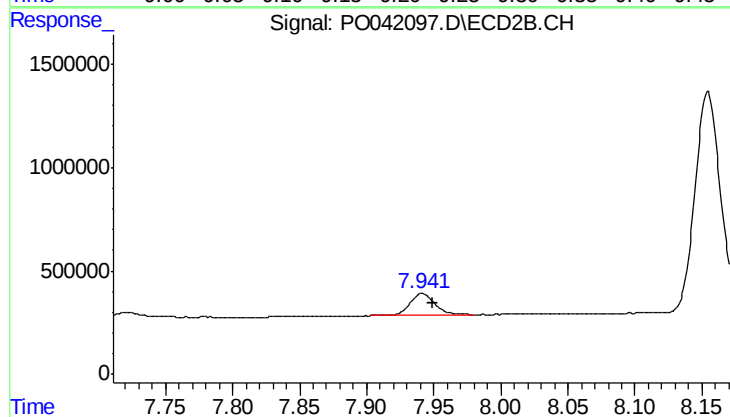
#44 AR-1268-4

R.T.: 7.678 min
Delta R.T.: -0.007 min
Response: 5571331
Conc: 250.79 ng/ml



#45 AR-1268-5

R.T.: 9.225 min
Delta R.T.: -0.012 min
Response: 929644
Conc: 11.51 ng/ml



#45 AR-1268-5

R.T.: 7.941 min
Delta R.T.: -0.008 min
Response: 1318936
Conc: 9.16 ng/ml