

Data Path : P:\HPCHEM1\ECD_0\Data\P0030518\
 Data File : P0042785.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 05 Mar 2018 16:39
 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: Mar 06 00:26:06 2018
 Quant Method : P:\HPCHEM1\ECD_0\methods\P0022118.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Feb 26 14:24:10 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...	4.095	3.341	16719980	24500984	67.495	66.303
2) SA Decachlor...	9.467	8.122	11521473	15089133	45.588	39.129
Target Compounds						
3) L1 AR-1016-1	4.961	4.160	3799436	5695539	565.745	601.691
4) L1 AR-1016-2	5.301	4.597	4940051	4940450	551.652	602.932
5) L1 AR-1016-3	5.395	4.636	3699184	6037030	511.987	581.076
6) L1 AR-1016-4	5.818	4.800	3872221	6517323	545.031	586.874
7) L1 AR-1016-5	6.048	5.137	3171569	6779962	440.567	641.411 #
8) L2 AR-1221-1	4.292	3.544	533295	740389	286.725	288.142
9) L2 AR-1221-2	4.380	3.626	802281	1062129	564.767	561.509
10) L2 AR-1221-3	4.452	3.697	2929622	3992915	633.100	638.475
11) L3 AR-1232-1	4.452	3.697	2929622	3992915	835.975	810.866
12) L3 AR-1232-2	5.240	4.441	8154104	5222102	3098.413	519.369 #
13) L3 AR-1232-3	5.301	4.441	4940051	5222102	1106.114	1266.384
14) L3 AR-1232-4	5.301	4.597	4940051	4940450	1794.068	1594.471
15) L3 AR-1232-5	5.458	4.636	72720	6037030	34.632	2792.317 #
16) L4 AR-1242-1	4.803	4.055	1831347	667687	590.718	263.102 #
17) L4 AR-1242-2	5.301	4.441	4940051	5222102	671.614	304.352 #
18) L4 AR-1242-3	5.395	4.597	3699184	4940450	1006.300	939.207
19) L4 AR-1242-4	5.720	4.663	1555743	2277142	413.739	434.975
20) L4 AR-1242-5	5.882	4.836	959517	2788882	230.055	482.330 #
21) L5 AR-1248-1	5.720	4.836	1555743	2788882	215.135	255.112
22) L5 AR-1248-2	5.882	4.940	959517	7380503	153.056	759.031 #
23) L5 AR-1248-3	6.110	5.175	1164541	2164157	127.350	127.600
24) L5 AR-1248-4	6.110	5.175	1164541	2164157	129.953	160.279
25) L5 AR-1248-5	0.000	5.718	0	3517044	N.D.	456.435 #
26) L6 AR-1254-1	6.261	5.175	2819860	2164157	200.317	117.008 #
27) L6 AR-1254-2	6.562	5.280	1254934	4708742	144.288	284.754 #
28) L6 AR-1254-3	6.676	5.718	4658482	3517044	300.564	127.836 #
29) L6 AR-1254-4	6.962	5.920	1339140	2702695	102.086	138.701 #
30) L6 AR-1254-5	7.186	6.242	688228	3411742	73.110	257.575 #
31) L7 AR-1260-1	6.779	5.792	6733521	11463392	489.443	474.828
32) L7 AR-1260-2	7.029	5.979	8650144	15036369	472.900	447.617
33) L7 AR-1260-3	7.305	6.124	9585688	12490383	461.327	438.771
34) L7 AR-1260-4	7.382	6.294	6809126	13943006	460.041	407.842
35) L7 AR-1260-5	7.903	6.824	14726017	24598216	435.631	363.474
36) L8 AR-1262-1	6.779	5.979	6733521	15036369	711.970	676.992
37) L8 AR-1262-2	7.070	6.124	2431136	12490383	208.811	621.090 #
38) L8 AR-1262-3	7.336	6.383	1278646	5972673	111.123	161.143 #

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Acq On : 05 Mar 2018 16:39
Operator : SM/UA
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

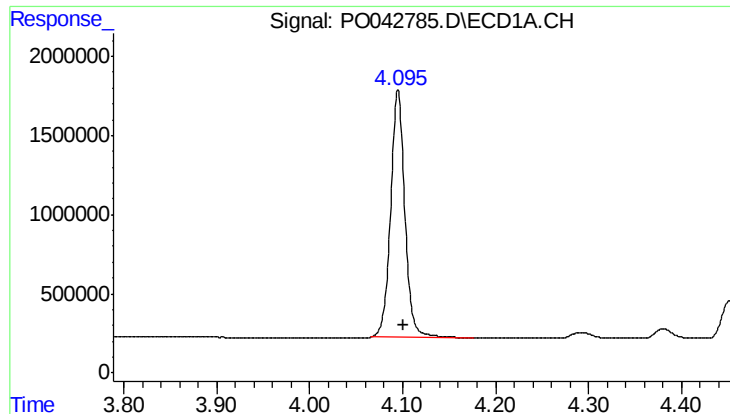
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 06 00:26:06 2018
Quant Method : P:\HPCHEM1\ECD_0\methods\P0022118.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Feb 26 14:24:10 2018
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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	7.603	6.618	6716726	965514	437.838	34.860 #
40)	L8 AR-1262-5	7.950	6.824	844033	24598216	26.219	388.243 #
41)	L9 AR-1268-1	8.241	7.160	3230824	15995151	85.502	218.246 #
42)	L9 AR-1268-2	8.258	7.160	2304264	15995151	69.447	247.396 #
44)	L9 AR-1268-4	8.827	7.649	3928185	4778412	315.155	215.099 #
45)	L9 AR-1268-5	9.182	7.912	988361	1151653	12.235	8.000 #

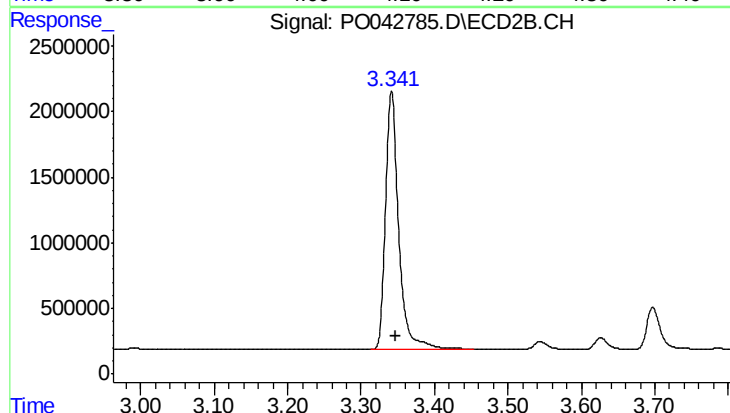
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

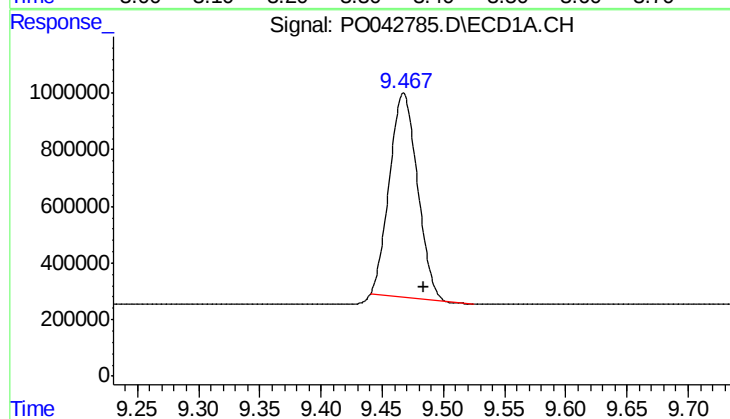
R.T.: 4.095 min
Delta R.T.: -0.006 min
Response: 16719980
Conc: 67.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



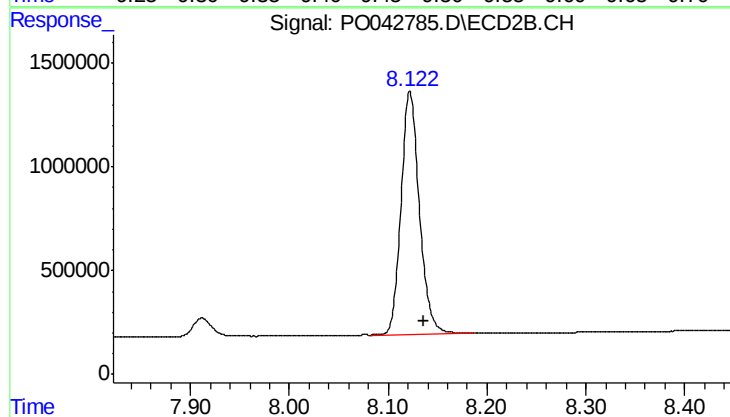
#1 Tetrachloro-m-xylene

R.T.: 3.341 min
Delta R.T.: -0.006 min
Response: 24500984
Conc: 66.30 ng/ml



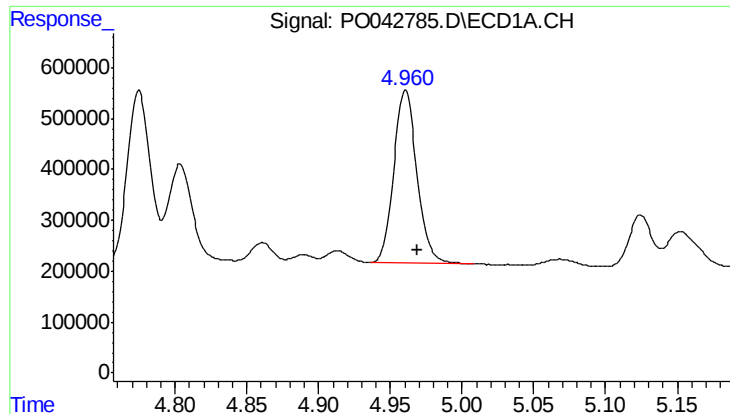
#2 Decachlorobiphenyl

R.T.: 9.467 min
Delta R.T.: -0.017 min
Response: 11521473
Conc: 45.59 ng/ml



#2 Decachlorobiphenyl

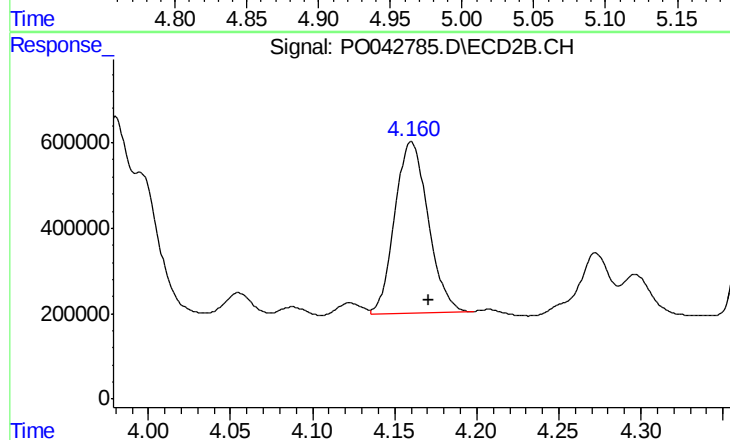
R.T.: 8.122 min
Delta R.T.: -0.014 min
Response: 15089133
Conc: 39.13 ng/ml



#3 AR-1016-1

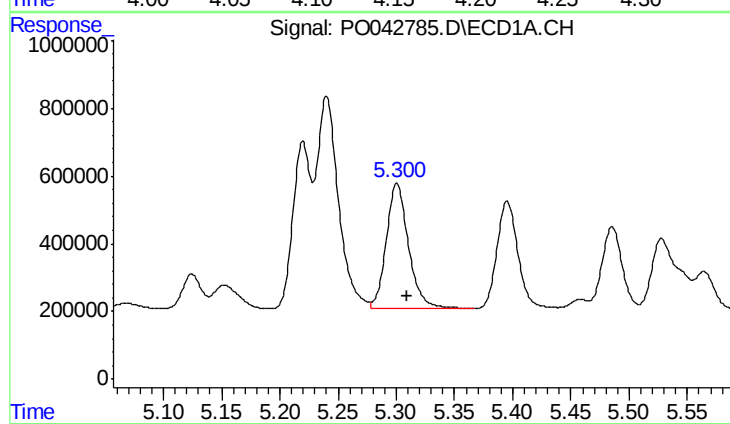
R.T.: 4.961 min
Delta R.T.: -0.008 min
Response: 3799436
Conc: 565.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



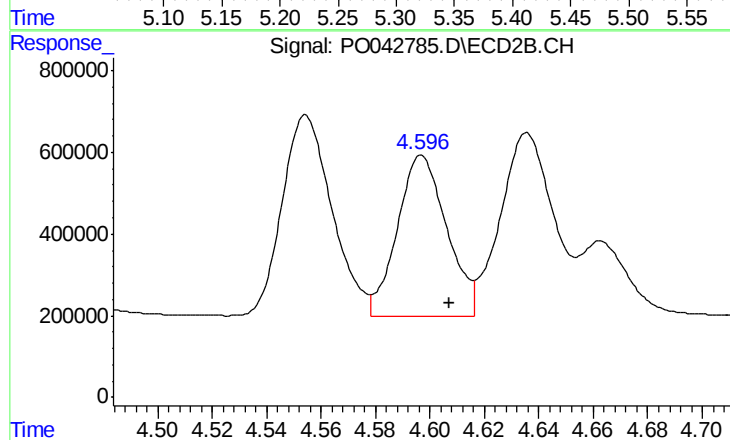
#3 AR-1016-1

R.T.: 4.160 min
Delta R.T.: -0.010 min
Response: 5695539
Conc: 601.69 ng/ml



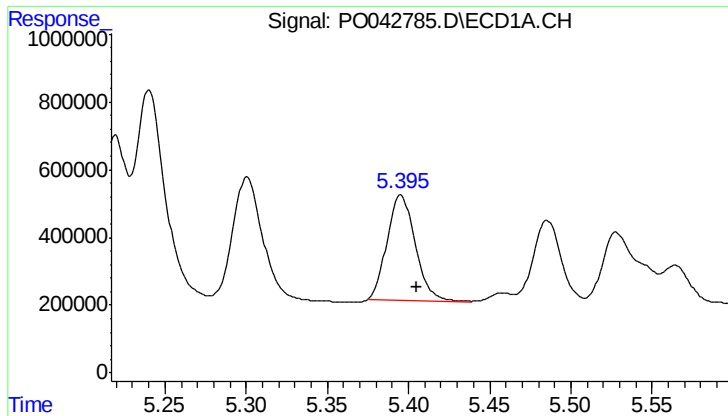
#4 AR-1016-2

R.T.: 5.301 min
Delta R.T.: -0.009 min
Response: 4940051
Conc: 551.65 ng/ml



#4 AR-1016-2

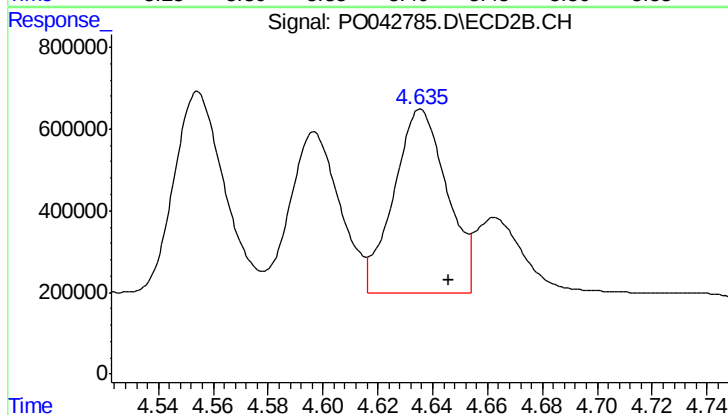
R.T.: 4.597 min
Delta R.T.: -0.010 min
Response: 4940450
Conc: 602.93 ng/ml



#5 AR-1016-3

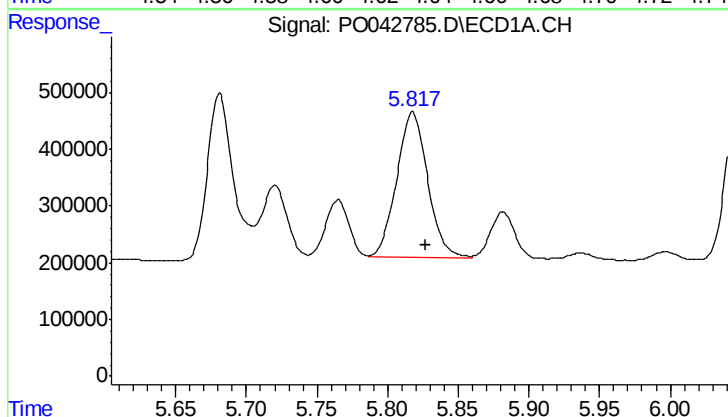
R.T.: 5.395 min
Delta R.T.: -0.009 min
Response: 3699184
Conc: 511.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



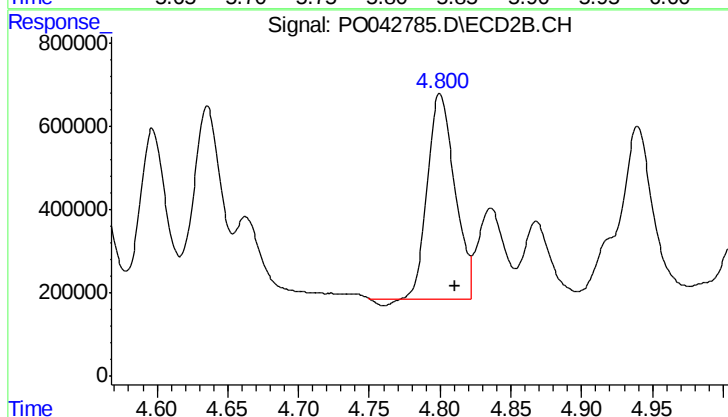
#5 AR-1016-3

R.T.: 4.636 min
Delta R.T.: -0.010 min
Response: 6037030
Conc: 581.08 ng/ml



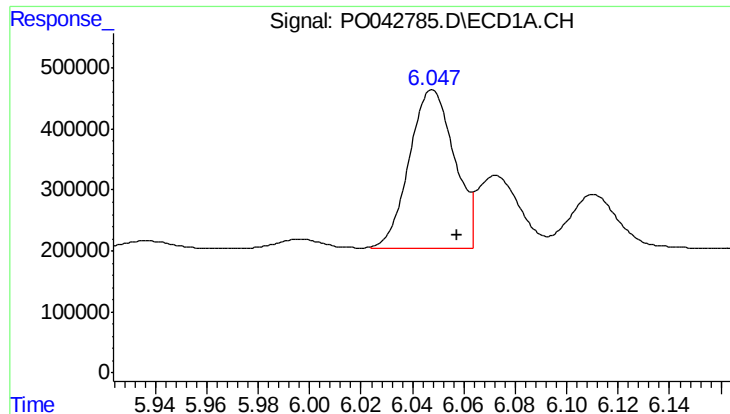
#6 AR-1016-4

R.T.: 5.818 min
Delta R.T.: -0.009 min
Response: 3872221
Conc: 545.03 ng/ml



#6 AR-1016-4

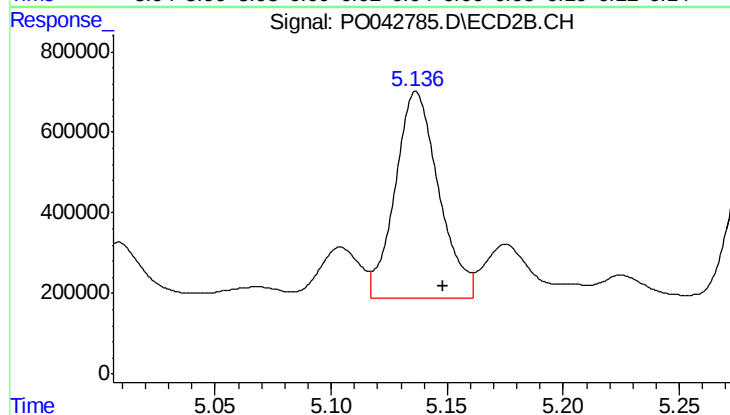
R.T.: 4.800 min
Delta R.T.: -0.011 min
Response: 6517323
Conc: 586.87 ng/ml



#7 AR-1016-5

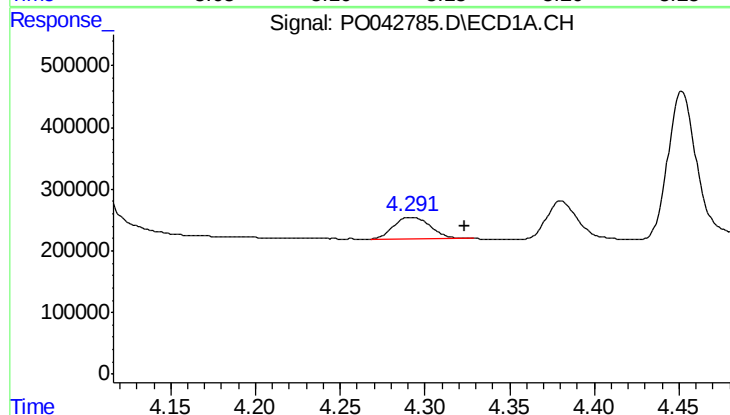
R.T.: 6.048 min
Delta R.T.: -0.010 min
Response: 3171569
Conc: 440.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



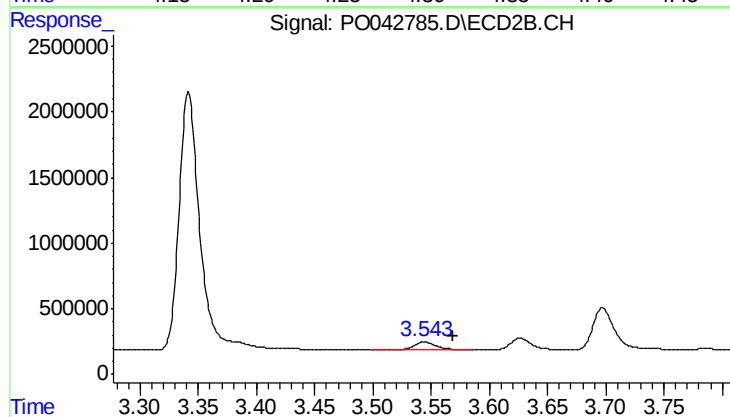
#7 AR-1016-5

R.T.: 5.137 min
Delta R.T.: -0.011 min
Response: 6779962
Conc: 641.41 ng/ml



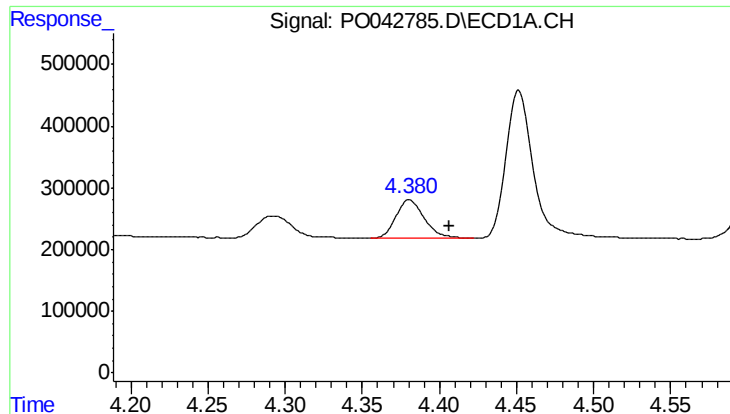
#8 AR-1221-1

R.T.: 4.292 min
Delta R.T.: -0.031 min
Response: 533295
Conc: 286.73 ng/ml



#8 AR-1221-1

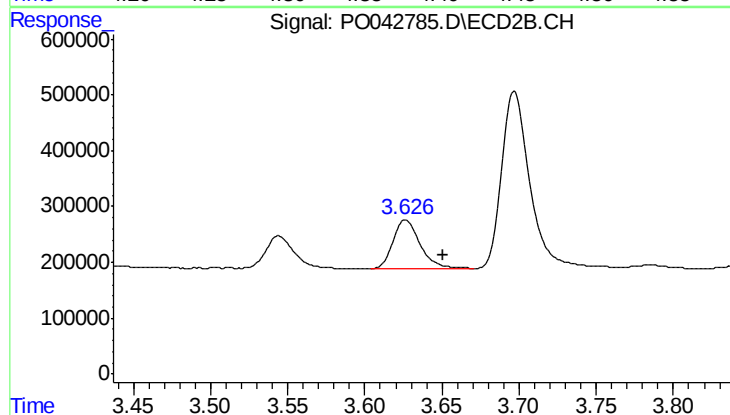
R.T.: 3.544 min
Delta R.T.: -0.025 min
Response: 740389
Conc: 288.14 ng/ml



#9 AR-1221-2

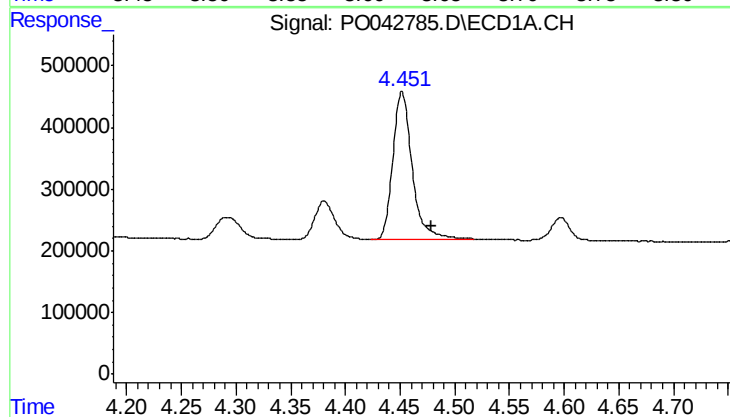
R.T.: 4.380 min
Delta R.T.: -0.026 min
Response: 802281
Conc: 564.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



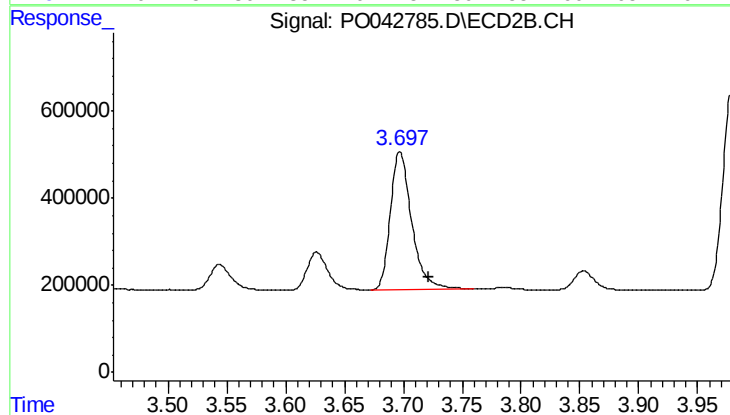
#9 AR-1221-2

R.T.: 3.626 min
Delta R.T.: -0.024 min
Response: 1062129
Conc: 561.51 ng/ml



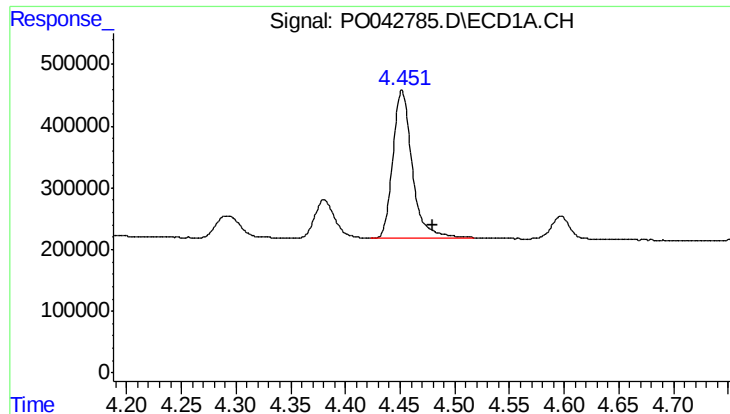
#10 AR-1221-3

R.T.: 4.452 min
Delta R.T.: -0.028 min
Response: 2929622
Conc: 633.10 ng/ml



#10 AR-1221-3

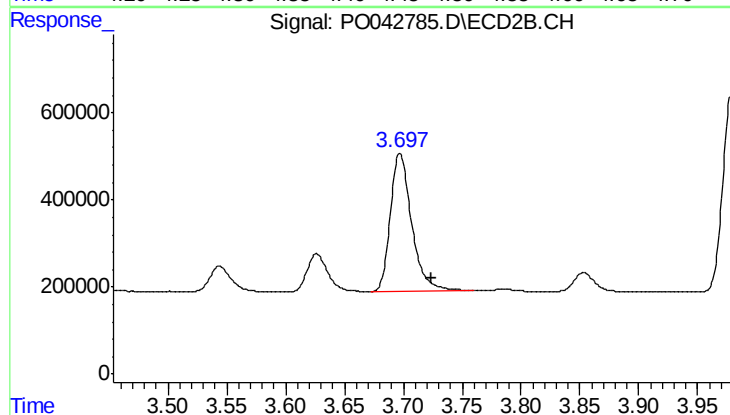
R.T.: 3.697 min
Delta R.T.: -0.025 min
Response: 3992915
Conc: 638.47 ng/ml



#11 AR-1232-1

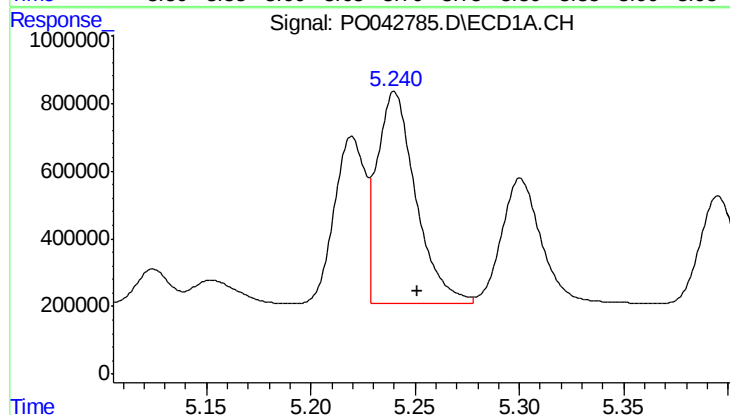
R.T.: 4.452 min
Delta R.T.: -0.029 min
Response: 2929622
Conc: 835.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



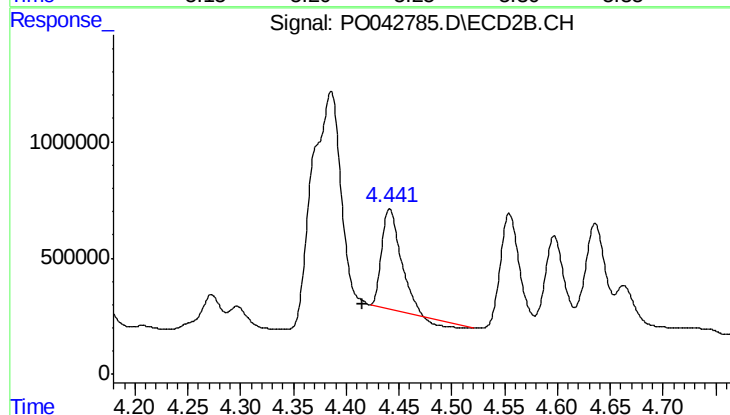
#11 AR-1232-1

R.T.: 3.697 min
Delta R.T.: -0.026 min
Response: 3992915
Conc: 810.87 ng/ml



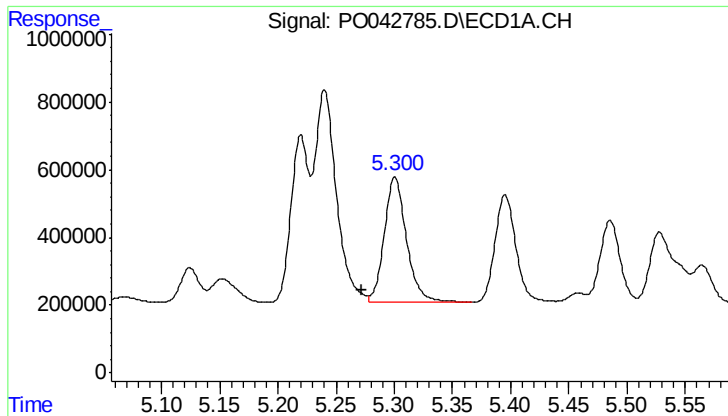
#12 AR-1232-2

R.T.: 5.240 min
Delta R.T.: -0.011 min
Response: 8154104
Conc: 3098.41 ng/ml



#12 AR-1232-2

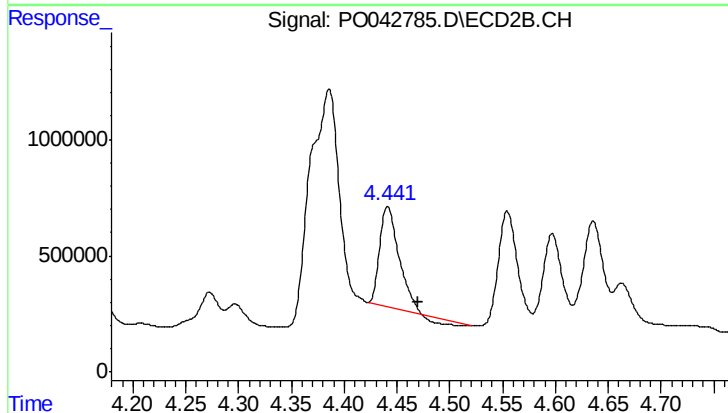
R.T.: 4.441 min
Delta R.T.: 0.026 min
Response: 5222102
Conc: 519.37 ng/ml



#13 AR-1232-3

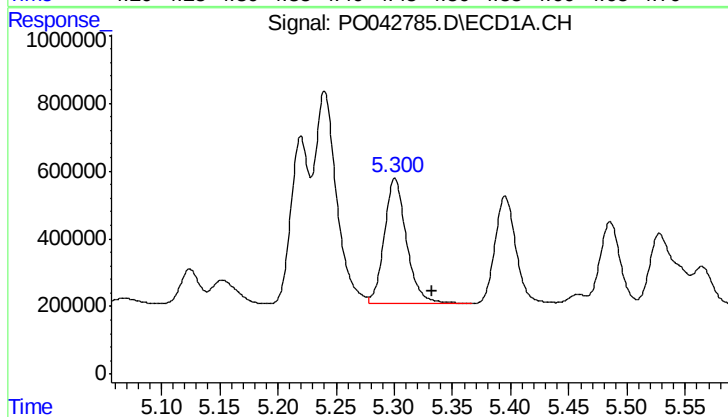
R.T.: 5.301 min
Delta R.T.: 0.028 min
Response: 4940051
Conc: 1106.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



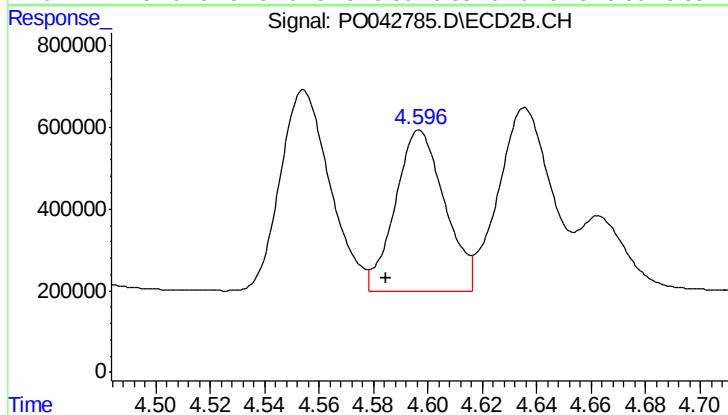
#13 AR-1232-3

R.T.: 4.441 min
Delta R.T.: -0.029 min
Response: 5222102
Conc: 1266.38 ng/ml



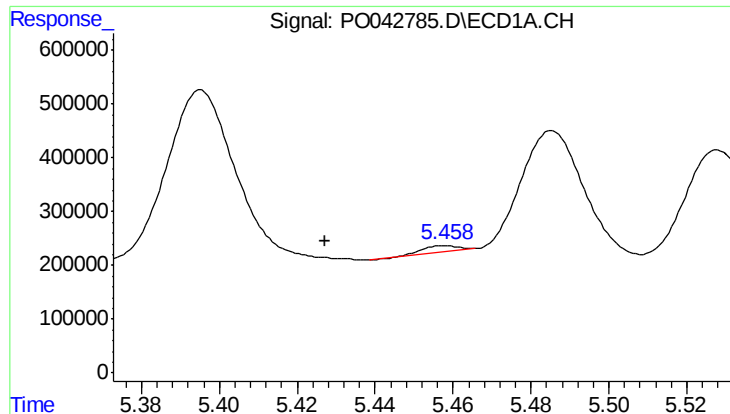
#14 AR-1232-4

R.T.: 5.301 min
Delta R.T.: -0.032 min
Response: 4940051
Conc: 1794.07 ng/ml



#14 AR-1232-4

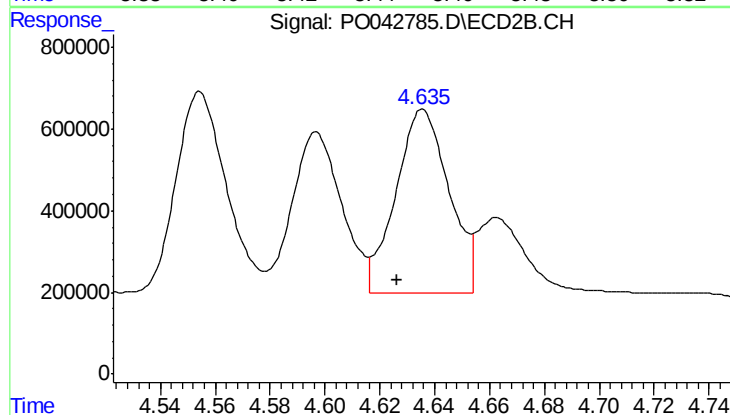
R.T.: 4.597 min
Delta R.T.: 0.012 min
Response: 4940450
Conc: 1594.47 ng/ml



#15 AR-1232-5

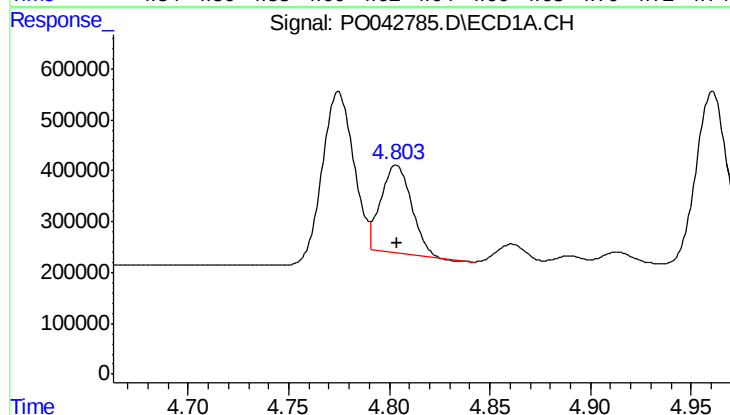
R.T.: 5.458 min
Delta R.T.: 0.031 min
Response: 72720
Conc: 34.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



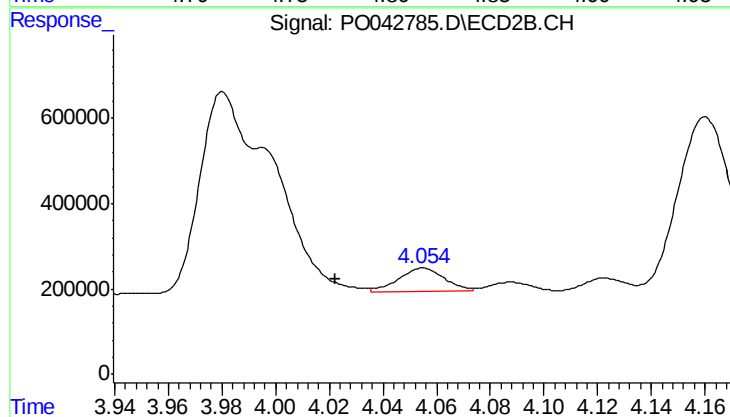
#15 AR-1232-5

R.T.: 4.636 min
Delta R.T.: 0.009 min
Response: 6037030
Conc: 2792.32 ng/ml



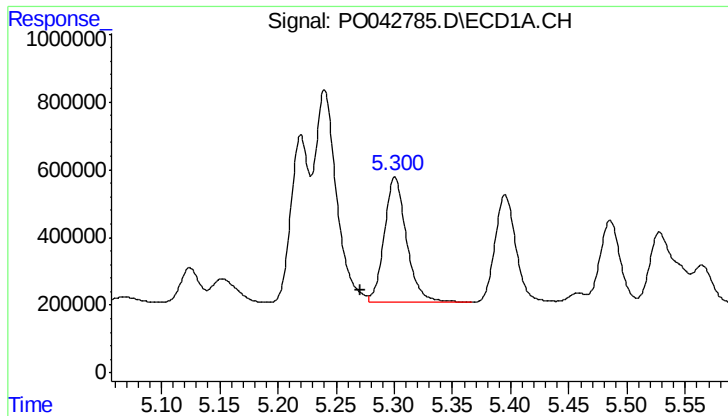
#16 AR-1242-1

R.T.: 4.803 min
Delta R.T.: 0.000 min
Response: 1831347
Conc: 590.72 ng/ml



#16 AR-1242-1

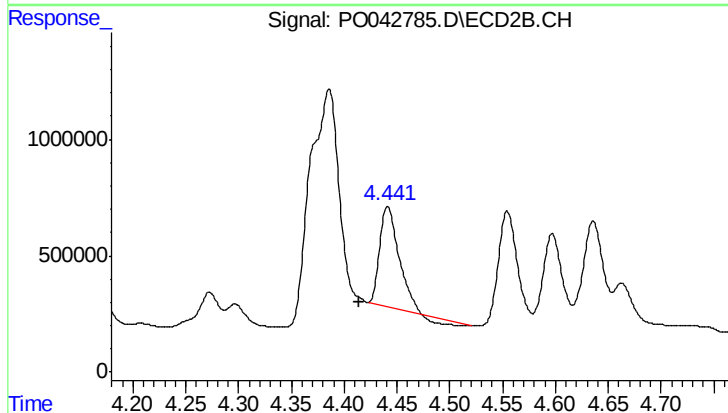
R.T.: 4.055 min
Delta R.T.: 0.032 min
Response: 667687
Conc: 263.10 ng/ml



#17 AR-1242-2

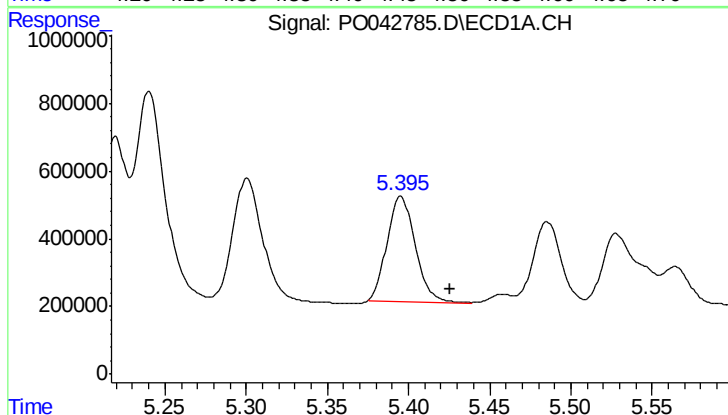
R.T.: 5.301 min
Delta R.T.: 0.030 min
Response: 4940051
Conc: 671.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



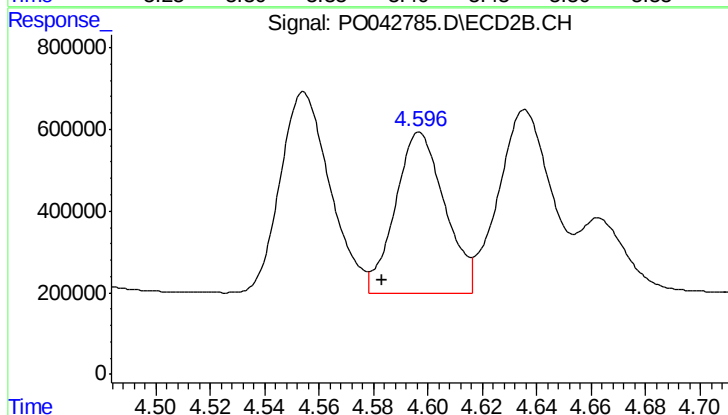
#17 AR-1242-2

R.T.: 4.441 min
Delta R.T.: 0.027 min
Response: 5222102
Conc: 304.35 ng/ml



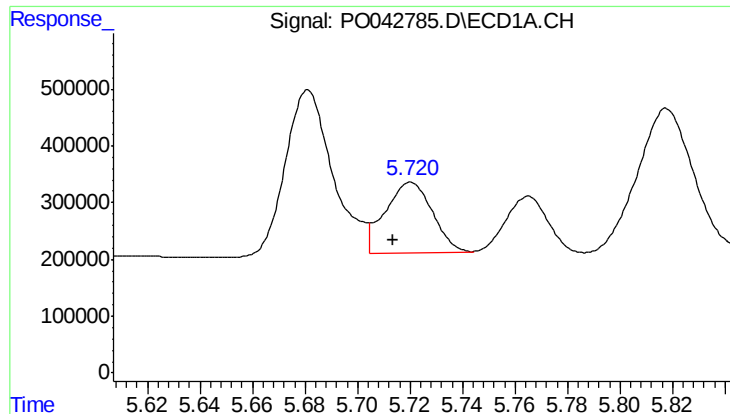
#18 AR-1242-3

R.T.: 5.395 min
Delta R.T.: -0.031 min
Response: 3699184
Conc: 1006.30 ng/ml



#18 AR-1242-3

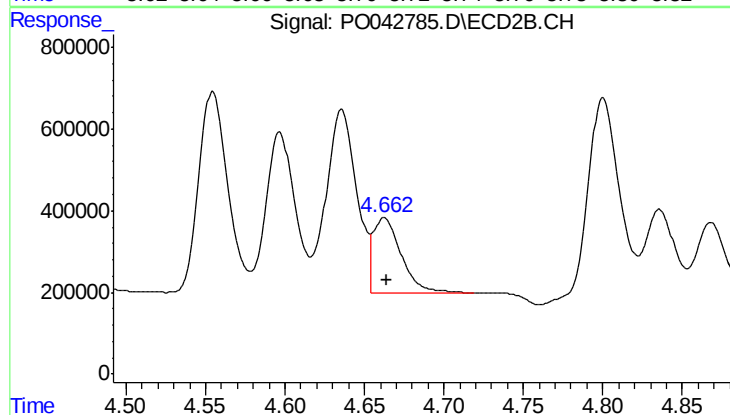
R.T.: 4.597 min
Delta R.T.: 0.014 min
Response: 4940450
Conc: 939.21 ng/ml



#19 AR-1242-4

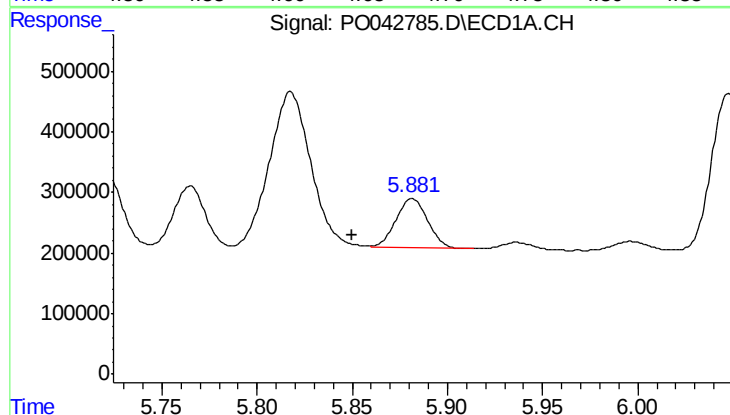
R.T.: 5.720 min
Delta R.T.: 0.007 min
Response: 1555743
Conc: 413.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



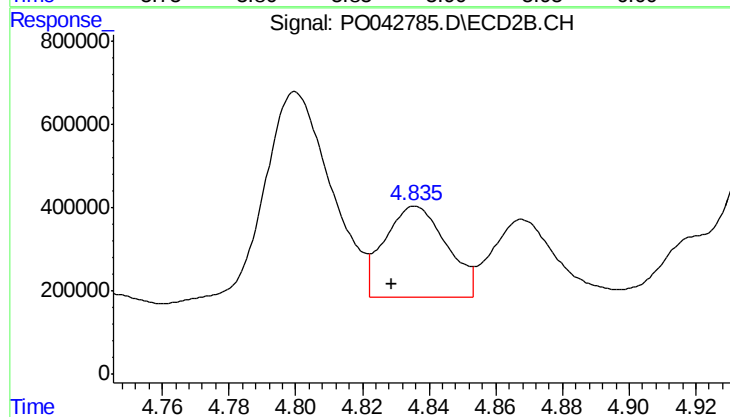
#19 AR-1242-4

R.T.: 4.663 min
Delta R.T.: -0.002 min
Response: 2277142
Conc: 434.98 ng/ml



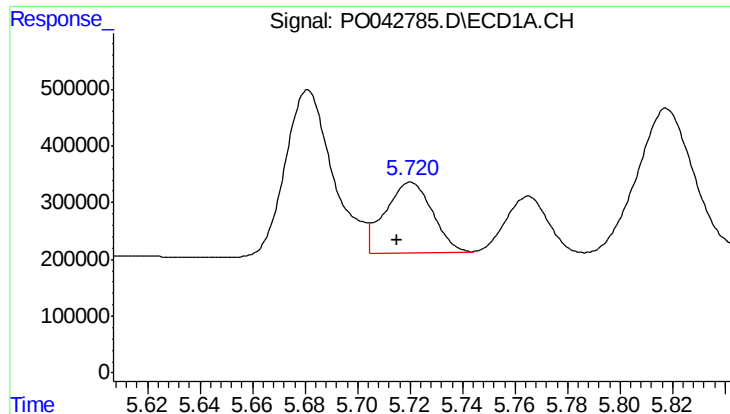
#20 AR-1242-5

R.T.: 5.882 min
Delta R.T.: 0.032 min
Response: 959517
Conc: 230.06 ng/ml



#20 AR-1242-5

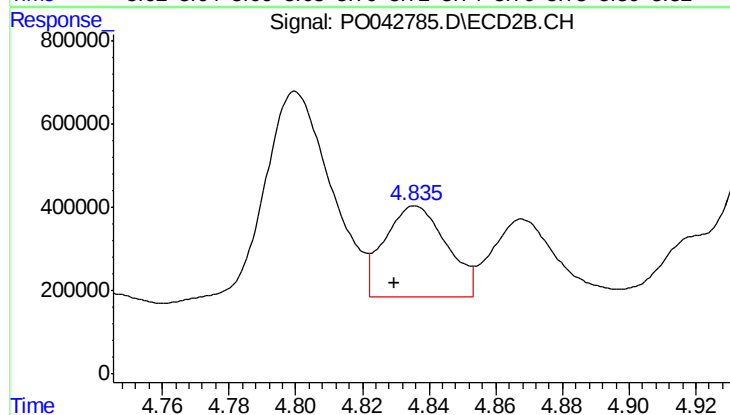
R.T.: 4.836 min
Delta R.T.: 0.007 min
Response: 2788882
Conc: 482.33 ng/ml



#21 AR-1248-1

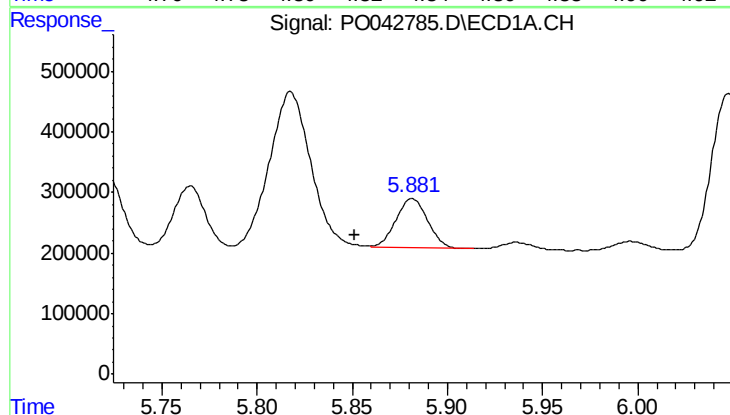
R.T.: 5.720 min
Delta R.T.: 0.005 min
Response: 1555743
Conc: 215.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



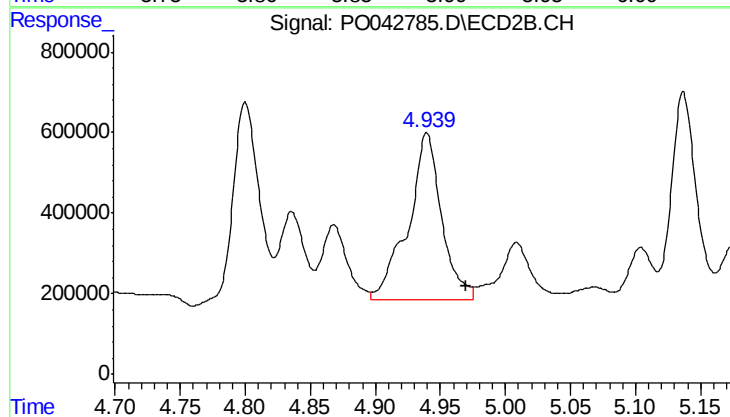
#21 AR-1248-1

R.T.: 4.836 min
Delta R.T.: 0.006 min
Response: 2788882
Conc: 255.11 ng/ml



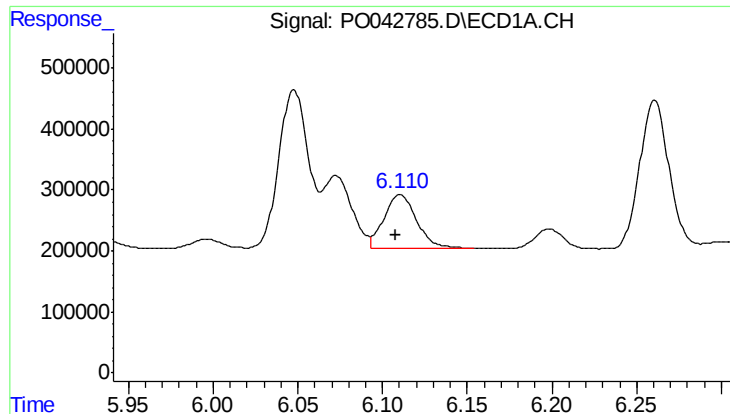
#22 AR-1248-2

R.T.: 5.882 min
Delta R.T.: 0.030 min
Response: 959517
Conc: 153.06 ng/ml



#22 AR-1248-2

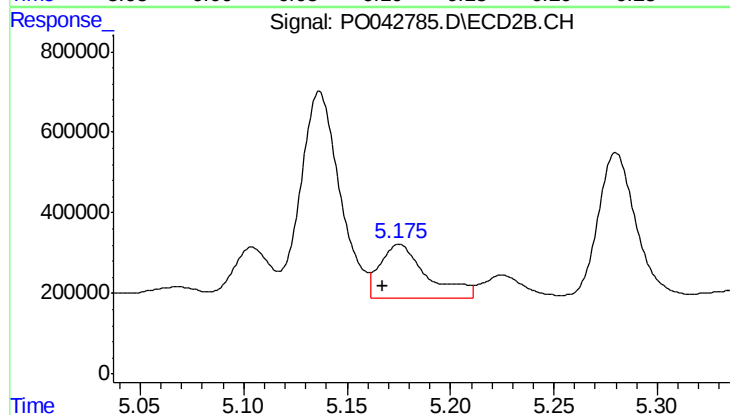
R.T.: 4.940 min
Delta R.T.: -0.030 min
Response: 7380503
Conc: 759.03 ng/ml



#23 AR-1248-3

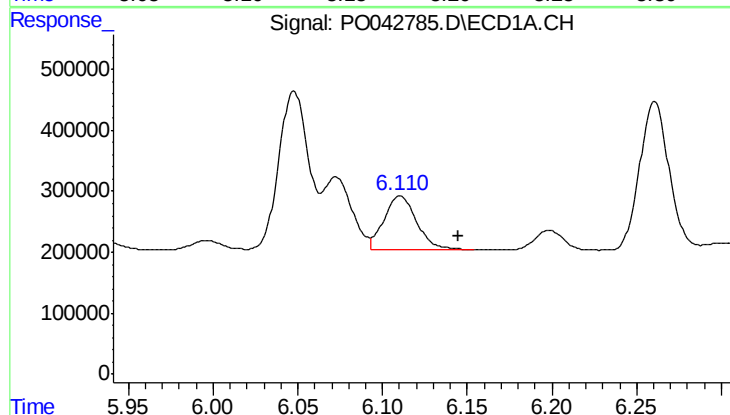
R.T.: 6.110 min
Delta R.T.: 0.003 min
Response: 1164541
Conc: 127.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



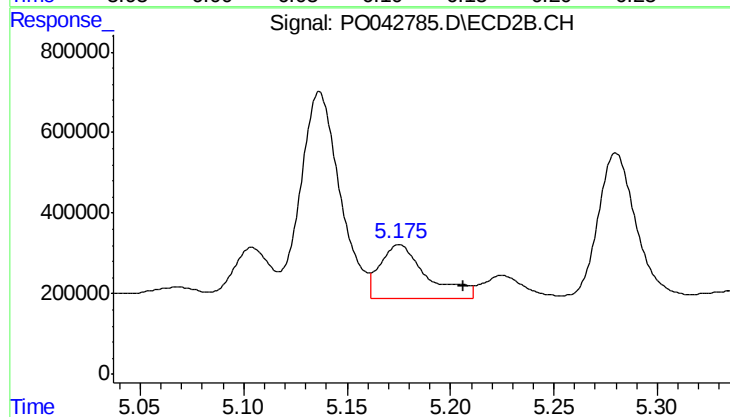
#23 AR-1248-3

R.T.: 5.175 min
Delta R.T.: 0.008 min
Response: 2164157
Conc: 127.60 ng/ml



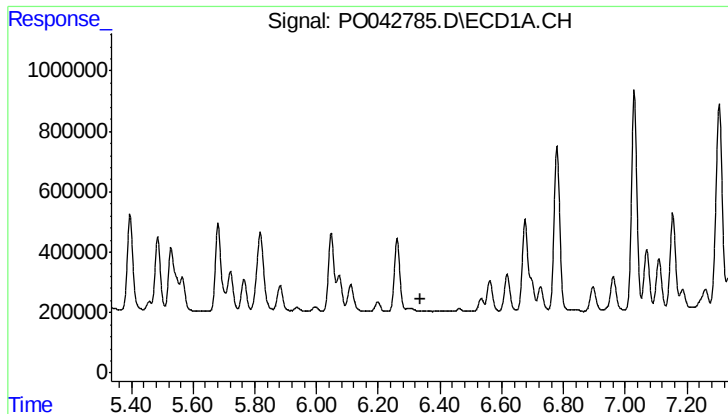
#24 AR-1248-4

R.T.: 6.110 min
Delta R.T.: -0.034 min
Response: 1164541
Conc: 129.95 ng/ml



#24 AR-1248-4

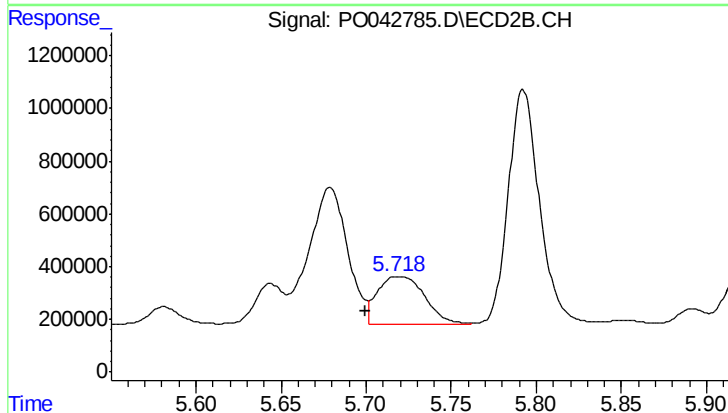
R.T.: 5.175 min
Delta R.T.: -0.031 min
Response: 2164157
Conc: 160.28 ng/ml



#25 AR-1248-5

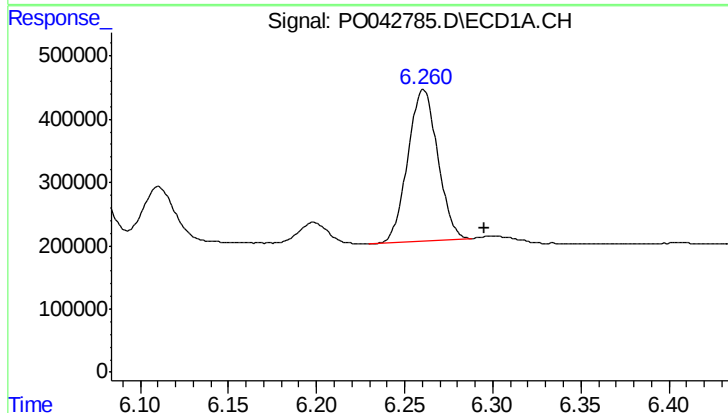
R.T.: 0.000 min
Exp R.T.: 6.335 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



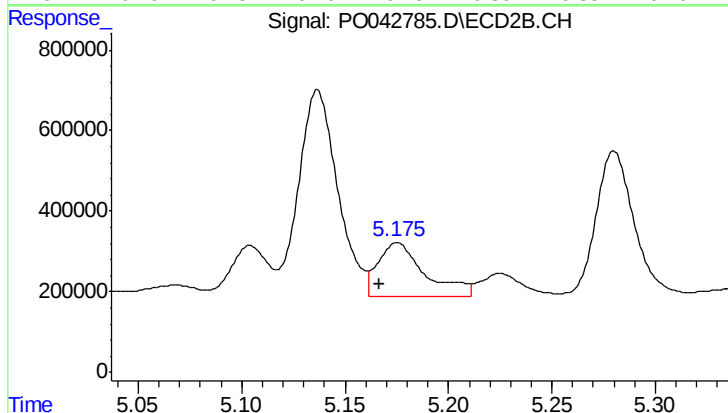
#25 AR-1248-5

R.T.: 5.718 min
Delta R.T.: 0.019 min
Response: 3517044
Conc: 456.43 ng/ml



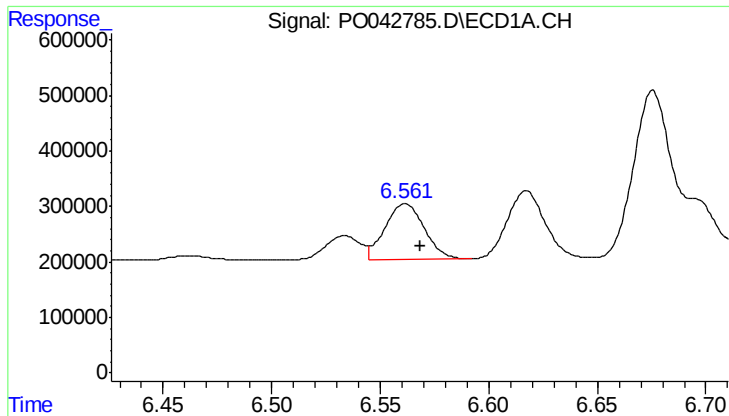
#26 AR-1254-1

R.T.: 6.261 min
Delta R.T.: -0.035 min
Response: 2819860
Conc: 200.32 ng/ml



#26 AR-1254-1

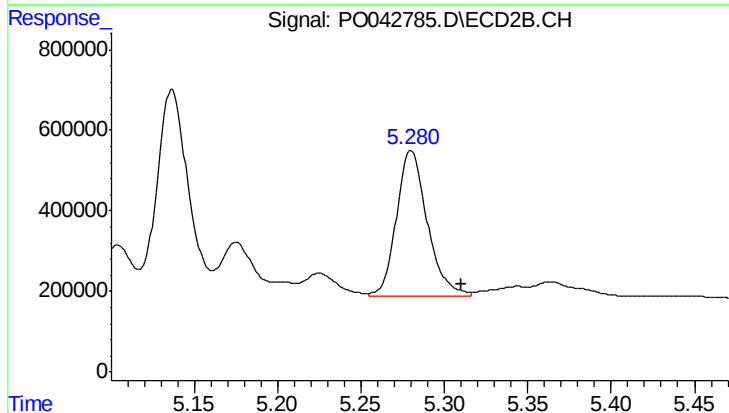
R.T.: 5.175 min
Delta R.T.: 0.009 min
Response: 2164157
Conc: 117.01 ng/ml



#27 AR-1254-2

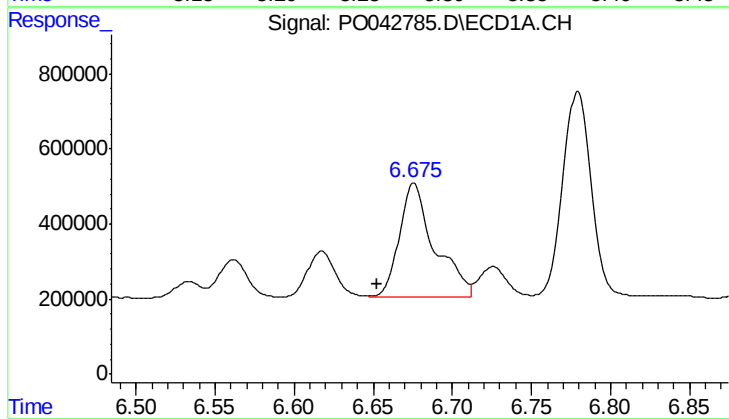
R.T.: 6.562 min
Delta R.T.: -0.007 min
Response: 1254934
Conc: 144.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



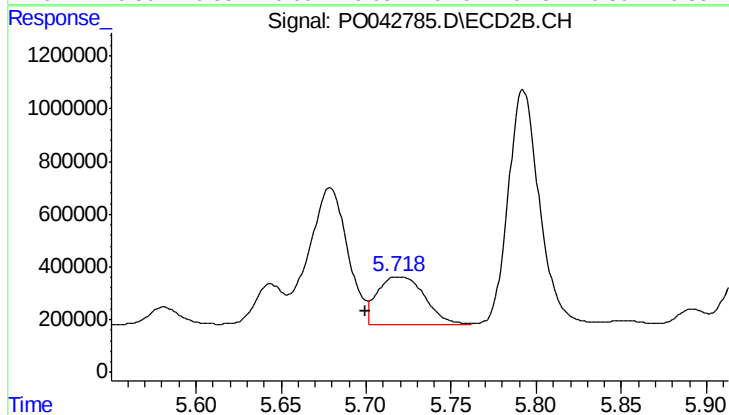
#27 AR-1254-2

R.T.: 5.280 min
Delta R.T.: -0.030 min
Response: 4708742
Conc: 284.75 ng/ml



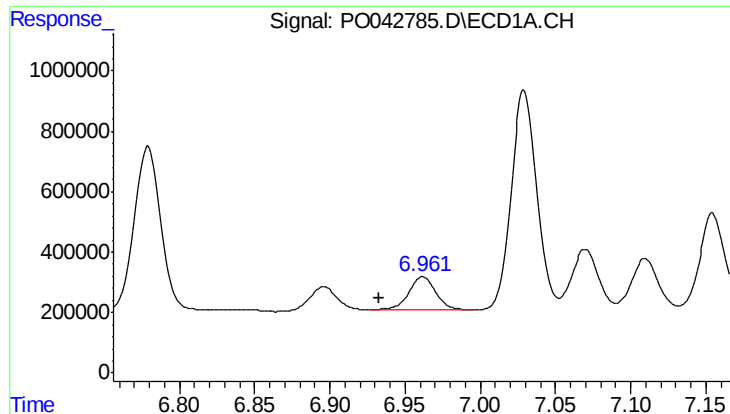
#28 AR-1254-3

R.T.: 6.676 min
Delta R.T.: 0.023 min
Response: 4658482
Conc: 300.56 ng/ml



#28 AR-1254-3

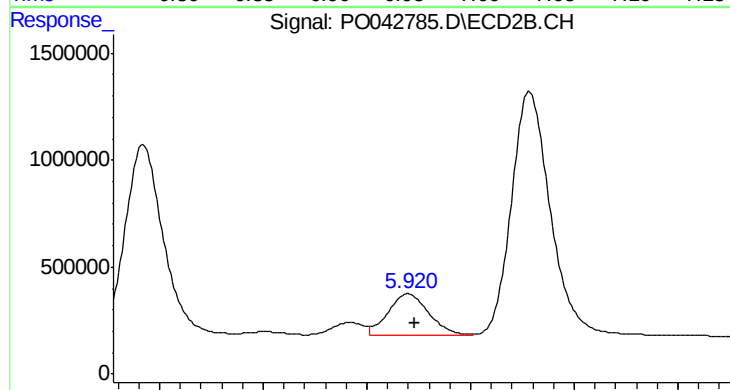
R.T.: 5.718 min
Delta R.T.: 0.019 min
Response: 3517044
Conc: 127.84 ng/ml



#29 AR-1254-4

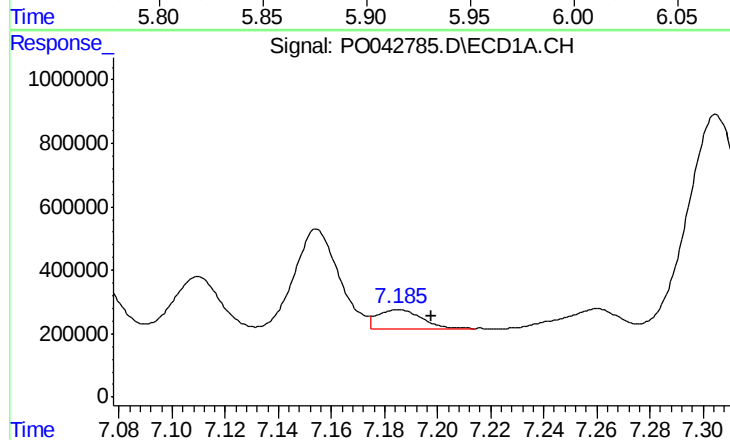
R.T.: 6.962 min
Delta R.T.: 0.029 min
Response: 1339140
Conc: 102.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



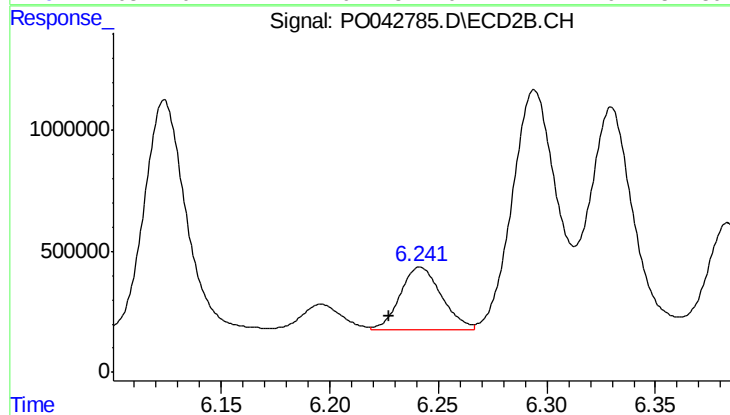
#29 AR-1254-4

R.T.: 5.920 min
Delta R.T.: -0.003 min
Response: 2702695
Conc: 138.70 ng/ml



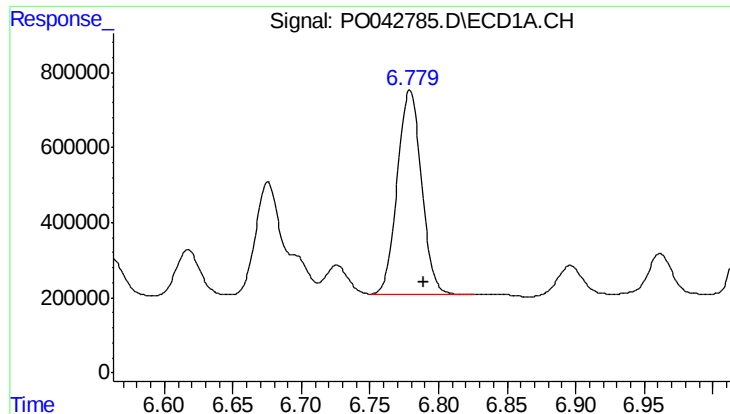
#30 AR-1254-5

R.T.: 7.186 min
Delta R.T.: -0.012 min
Response: 688228
Conc: 73.11 ng/ml



#30 AR-1254-5

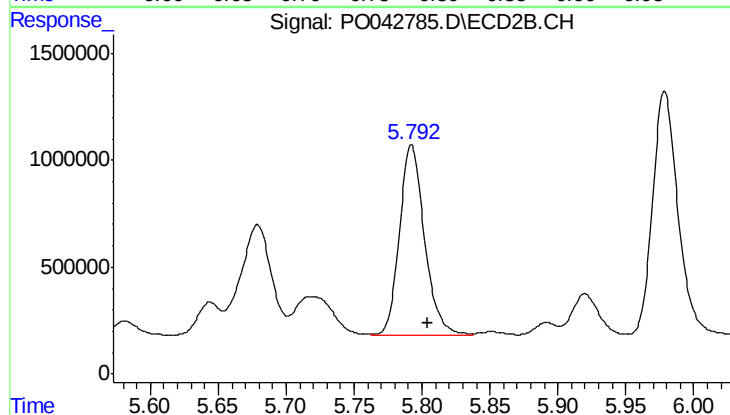
R.T.: 6.242 min
Delta R.T.: 0.014 min
Response: 3411742
Conc: 257.57 ng/ml



#31 AR-1260-1

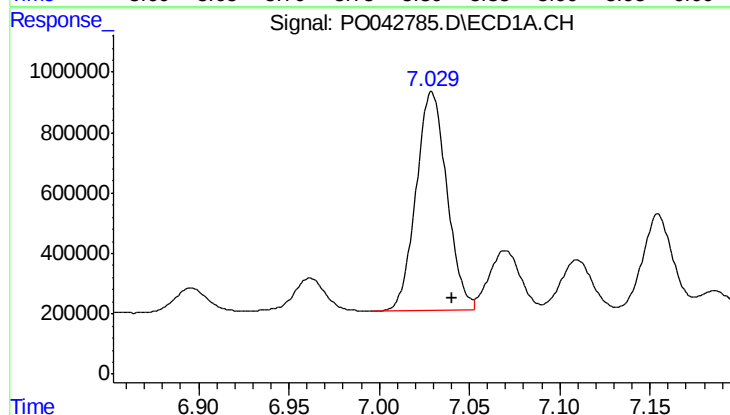
R.T.: 6.779 min
Delta R.T.: -0.010 min
Response: 6733521
Conc: 489.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



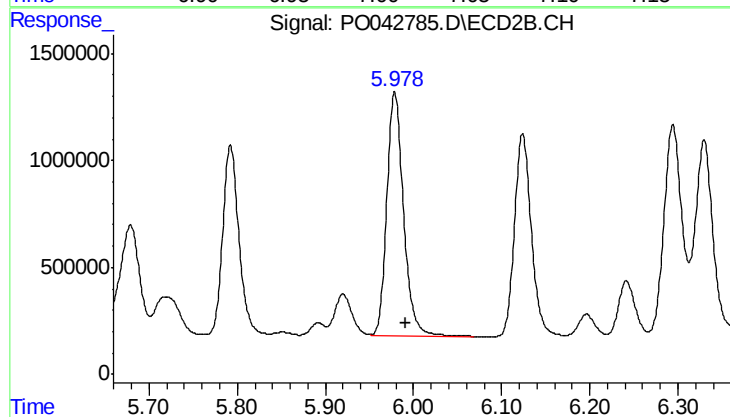
#31 AR-1260-1

R.T.: 5.792 min
Delta R.T.: -0.012 min
Response: 11463392
Conc: 474.83 ng/ml



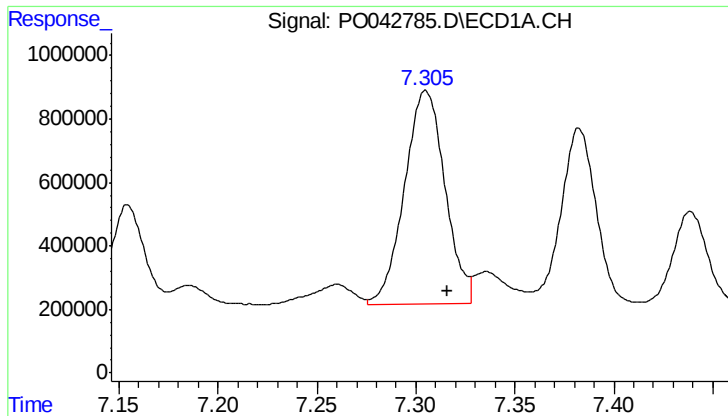
#32 AR-1260-2

R.T.: 7.029 min
Delta R.T.: -0.011 min
Response: 8650144
Conc: 472.90 ng/ml



#32 AR-1260-2

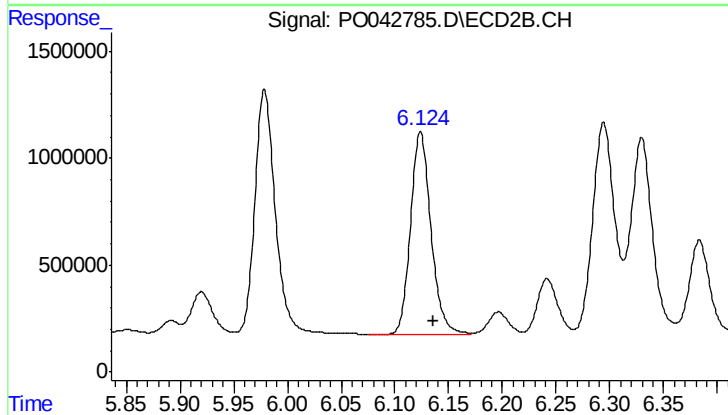
R.T.: 5.979 min
Delta R.T.: -0.012 min
Response: 15036369
Conc: 447.62 ng/ml



#33 AR-1260-3

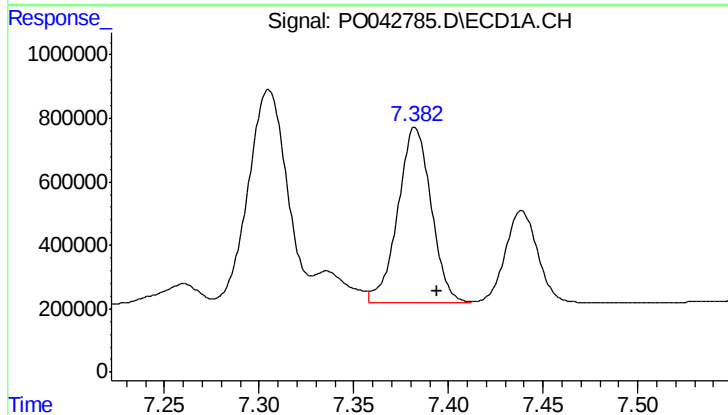
R.T.: 7.305 min
Delta R.T.: -0.011 min
Response: 9585688
Conc: 461.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



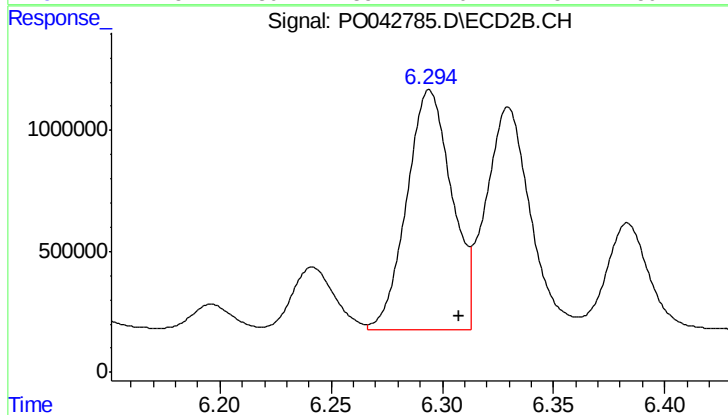
#33 AR-1260-3

R.T.: 6.124 min
Delta R.T.: -0.012 min
Response: 12490383
Conc: 438.77 ng/ml



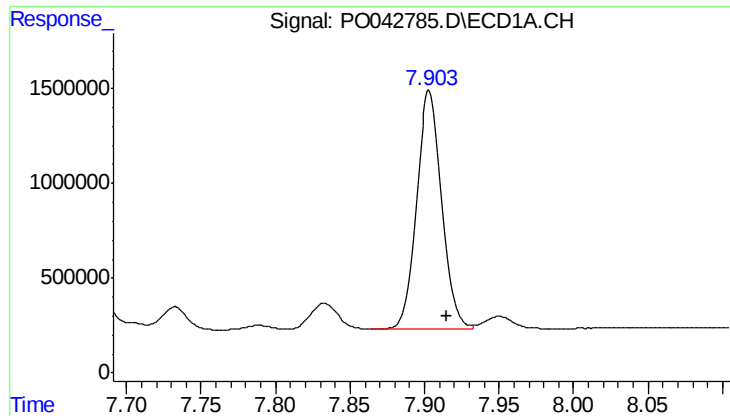
#34 AR-1260-4

R.T.: 7.382 min
Delta R.T.: -0.011 min
Response: 6809126
Conc: 460.04 ng/ml



#34 AR-1260-4

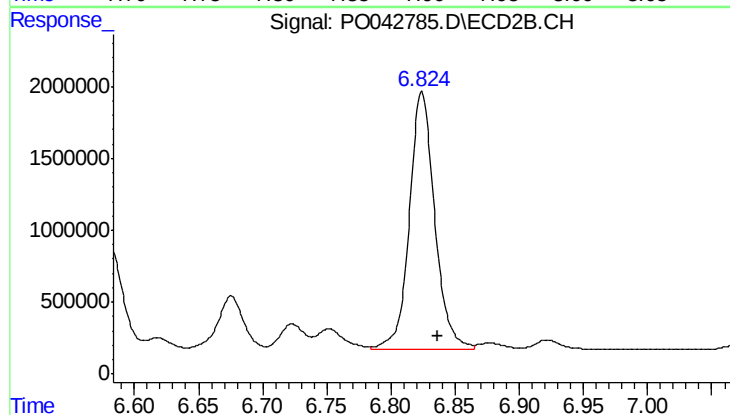
R.T.: 6.294 min
Delta R.T.: -0.013 min
Response: 13943006
Conc: 407.84 ng/ml



#35 AR-1260-5

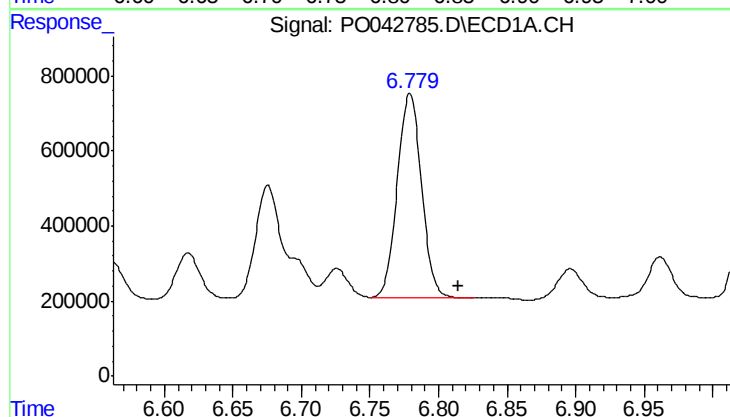
R.T.: 7.903 min
Delta R.T.: -0.011 min
Response: 14726017
Conc: 435.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



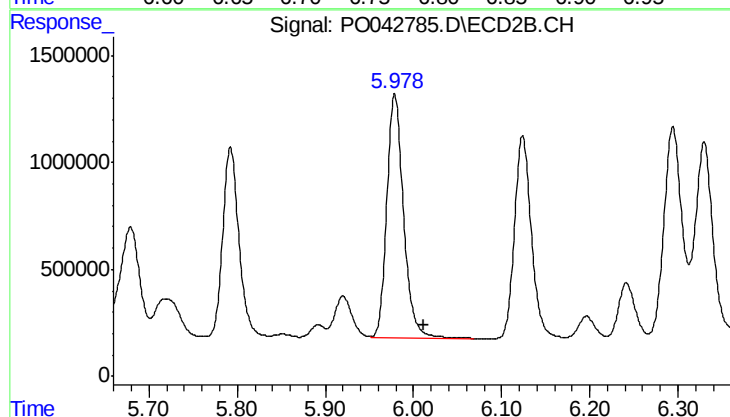
#35 AR-1260-5

R.T.: 6.824 min
Delta R.T.: -0.013 min
Response: 24598216
Conc: 363.47 ng/ml



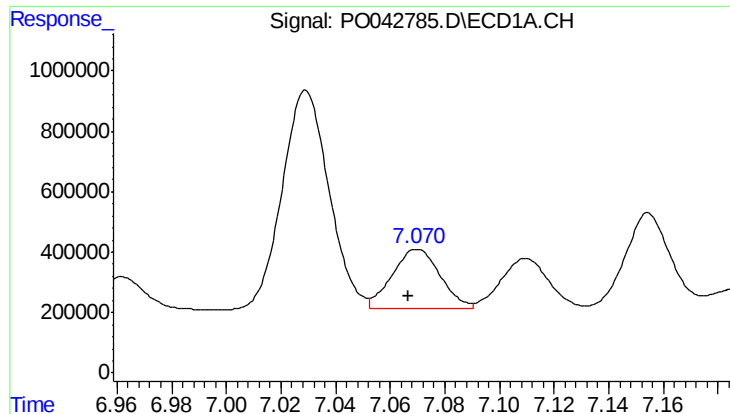
#36 AR-1262-1

R.T.: 6.779 min
Delta R.T.: -0.035 min
Response: 6733521
Conc: 711.97 ng/ml



#36 AR-1262-1

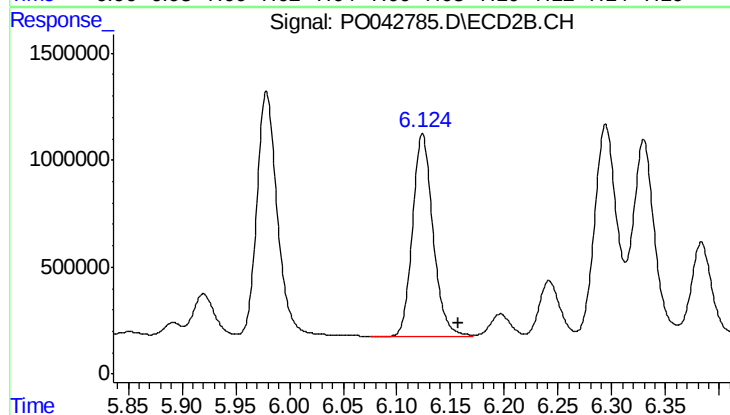
R.T.: 5.979 min
Delta R.T.: -0.032 min
Response: 15036369
Conc: 676.99 ng/ml



#37 AR-1262-2

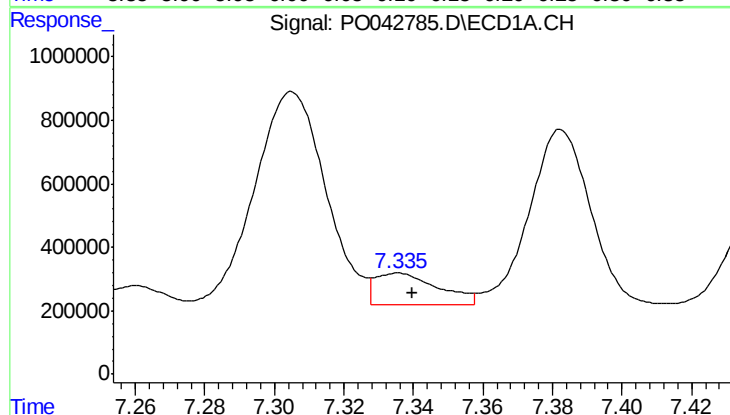
R.T.: 7.070 min
Delta R.T.: 0.003 min
Response: 2431136
Conc: 208.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



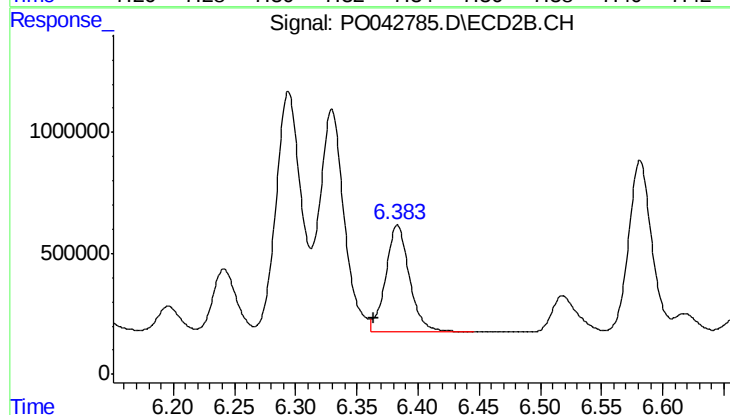
#37 AR-1262-2

R.T.: 6.124 min
Delta R.T.: -0.033 min
Response: 12490383
Conc: 621.09 ng/ml



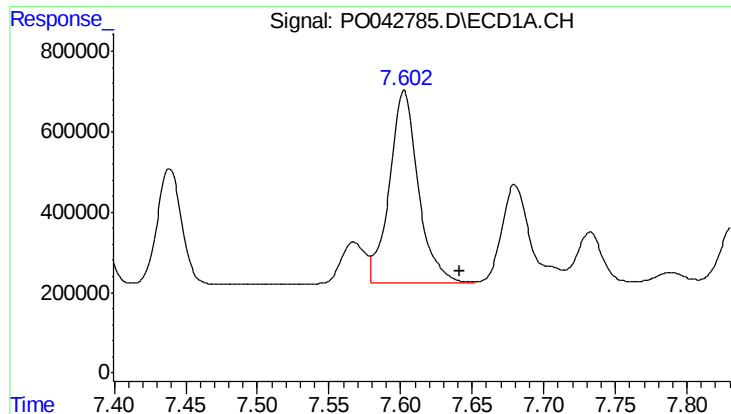
#38 AR-1262-3

R.T.: 7.336 min
Delta R.T.: -0.004 min
Response: 1278646
Conc: 111.12 ng/ml



#38 AR-1262-3

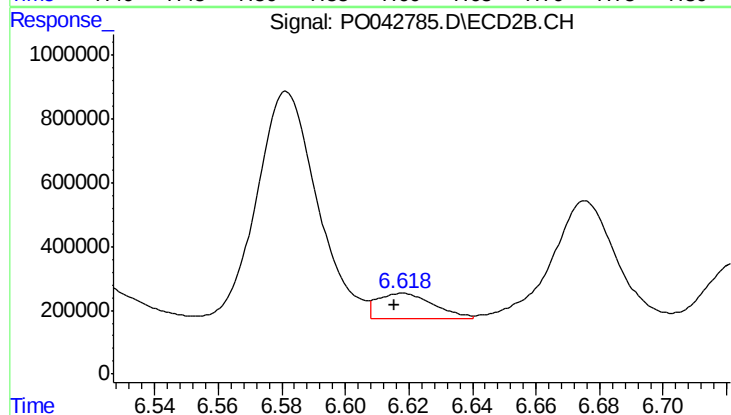
R.T.: 6.383 min
Delta R.T.: 0.019 min
Response: 5972673
Conc: 161.14 ng/ml



#39 AR-1262-4

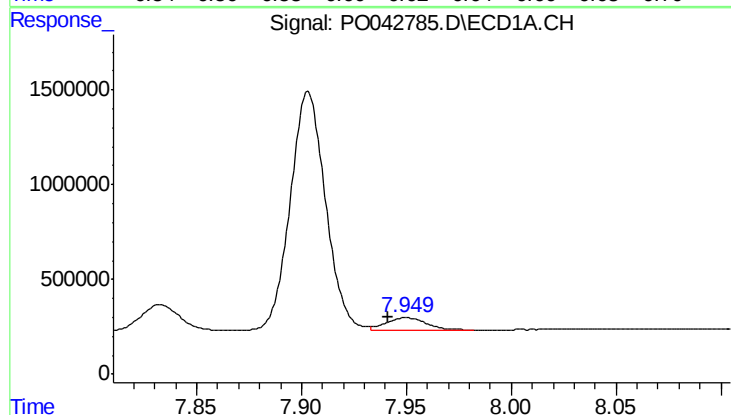
R.T.: 7.603 min
Delta R.T.: -0.038 min
Response: 6716726
Conc: 437.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



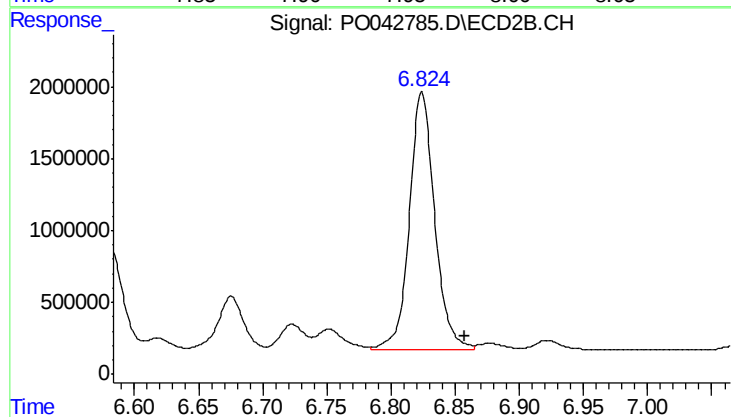
#39 AR-1262-4

R.T.: 6.618 min
Delta R.T.: 0.003 min
Response: 965514
Conc: 34.86 ng/ml



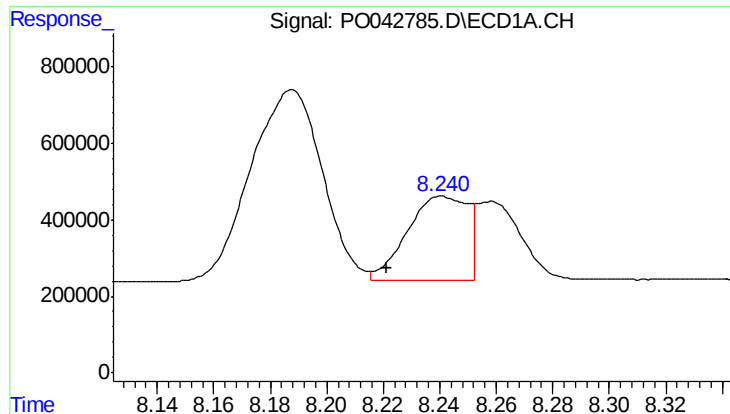
#40 AR-1262-5

R.T.: 7.950 min
Delta R.T.: 0.009 min
Response: 844033
Conc: 26.22 ng/ml



#40 AR-1262-5

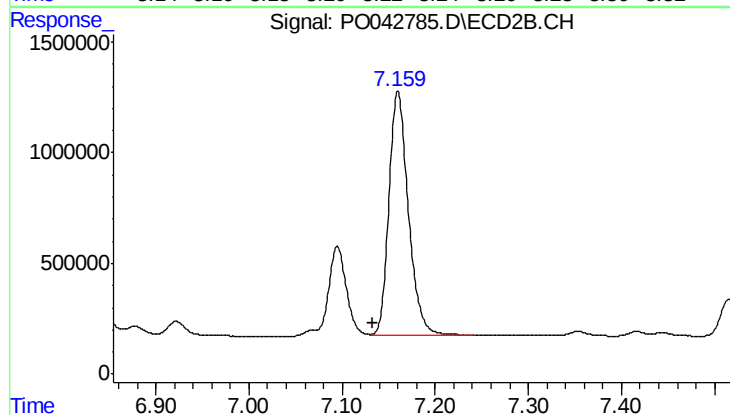
R.T.: 6.824 min
Delta R.T.: -0.034 min
Response: 24598216
Conc: 388.24 ng/ml



#41 AR-1268-1

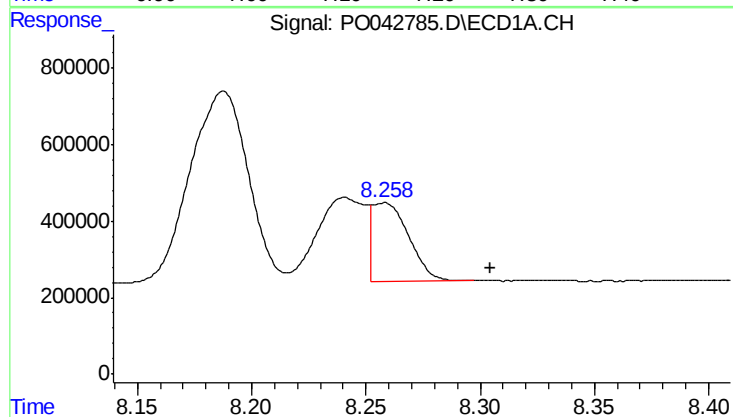
R.T.: 8.241 min
Delta R.T.: 0.019 min
Response: 3230824
Conc: 85.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



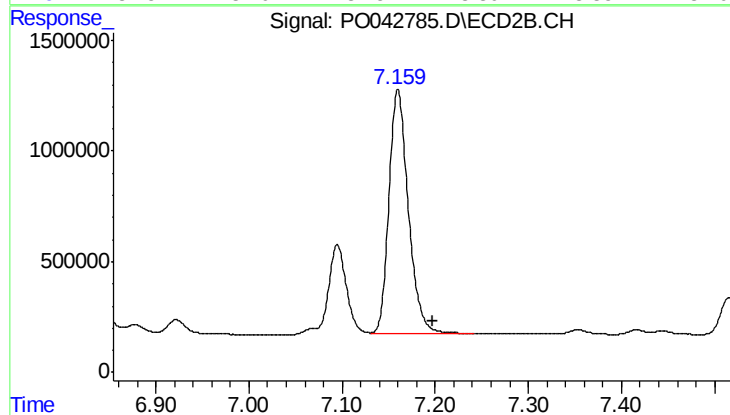
#41 AR-1268-1

R.T.: 7.160 min
Delta R.T.: 0.027 min
Response: 15995151
Conc: 218.25 ng/ml



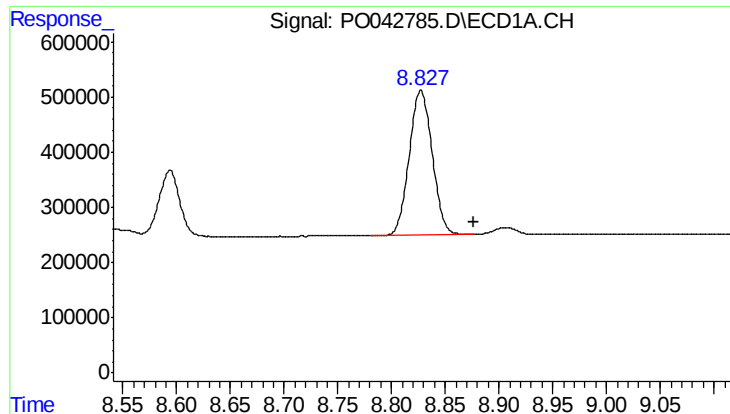
#42 AR-1268-2

R.T.: 8.258 min
Delta R.T.: -0.046 min
Response: 2304264
Conc: 69.45 ng/ml



#42 AR-1268-2

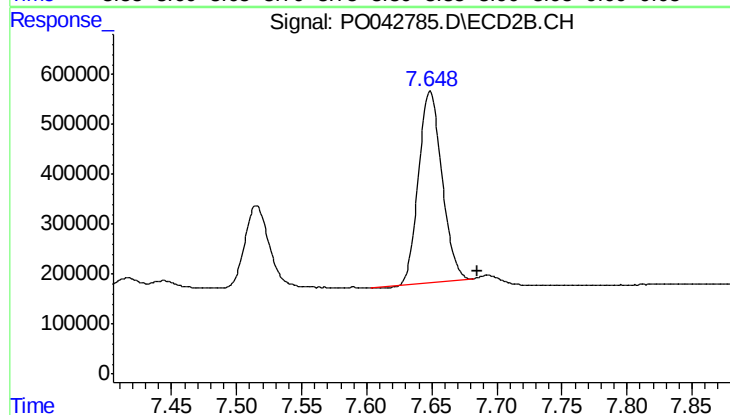
R.T.: 7.160 min
Delta R.T.: -0.038 min
Response: 15995151
Conc: 247.40 ng/ml



#44 AR-1268-4

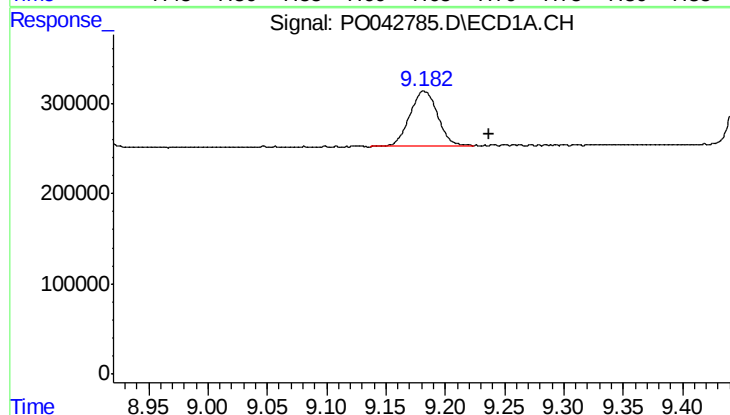
R.T.: 8.827 min
Delta R.T.: -0.049 min
Response: 3928185
Conc: 315.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



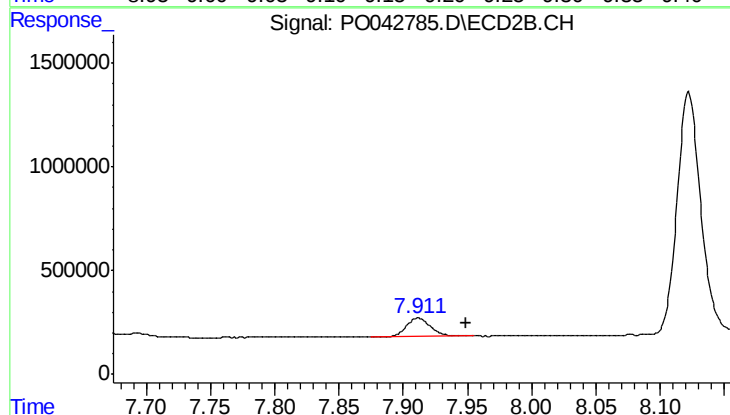
#44 AR-1268-4

R.T.: 7.649 min
Delta R.T.: -0.037 min
Response: 4778412
Conc: 215.10 ng/ml



#45 AR-1268-5

R.T.: 9.182 min
Delta R.T.: -0.055 min
Response: 988361
Conc: 12.24 ng/ml



#45 AR-1268-5

R.T.: 7.912 min
Delta R.T.: -0.037 min
Response: 1151653
Conc: 8.00 ng/ml