

Data Path : P:\HPCHEM1\ECD_0\Data\P0020418\
 Data File : P0042058.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 01 Feb 2018 22:00
 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 02 02:22:08 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...	4.118	3.363	12508022	19628269	64.806	67.616
2) SA Decachlor...	9.518	8.157	9018346	11358737	38.383	31.762
Target Compounds						
3) L1 AR-1016-1	4.986	4.184	3370587	5268964	651.003	701.072
4) L1 AR-1016-2	5.327	4.621	4416200	4161111	615.718	592.548
5) L1 AR-1016-3	5.422	4.660	3580763	5228995	600.875	617.527
6) L1 AR-1016-4	5.709	4.825	3293879	5582818	544.258	599.114
7) L1 AR-1016-5	5.846	4.966	3485008	6320799	539.511	637.527
8) L2 AR-1221-1	4.314	3.566	445173	678382	239.347	264.011
9) L2 AR-1221-2	4.403	3.648	631372	968582	444.455	512.055
10) L2 AR-1221-3	4.475	3.719	2433368	3795162	525.858	606.854
11) L3 AR-1232-1	4.475	3.719	2433368	3795162	694.367	770.707
12) L3 AR-1232-2	5.246	4.410	4658725	18754631	1770.232	1865.260
13) L3 AR-1232-3	5.267	4.465	7358688	7352119	1647.666	1782.922
14) L3 AR-1232-4	5.327	4.579	4416200	5282909	1603.822	1704.996
15) L3 AR-1232-5	5.422	4.621	3580763	4161111	1705.301	1924.645
16) L4 AR-1242-1	4.800	4.003	3317599	8312601	1070.123	3275.573 #
17) L4 AR-1242-2	5.267	4.410	7358688	18754631	1000.435	1093.049
18) L4 AR-1242-3	5.422	4.579	3580763	5282909	974.085	1004.311
19) L4 AR-1242-4	5.709	4.660	3293879	5228995	875.984	998.833
20) L4 AR-1242-5	5.846	4.825	3485008	5582818	835.570	965.534
21) L5 AR-1248-1	5.709	4.825	3293879	5582818	455.493	510.686
22) L5 AR-1248-2	5.846	4.966	3485008	6320799	555.906	650.048
23) L5 AR-1248-3	6.101	5.163	1199417	5950311	131.164	350.834 #
24) L5 AR-1248-4	6.139	5.201	1007757	1588310	112.458	117.631
25) L5 AR-1248-5	6.290	5.708	2508582	7838281	419.927	1017.236 #
26) L6 AR-1254-1	6.290	5.163	2508582	5950311	178.205	321.711 #
27) L6 AR-1254-2	6.563	5.307	410300	4199736	47.175	253.973 #
28) L6 AR-1254-3	6.646	5.708	1554384	7838281	100.289	284.903 #
29) L6 AR-1254-4	6.926	5.919	888276	736932	67.715	37.819 #
30) L6 AR-1254-5	7.186	6.226	3277290	1216713	348.145	91.858 #
31) L7 AR-1260-1	6.810	5.820	5910700	10772784	469.862	504.659
32) L7 AR-1260-2	7.062	6.007	7807867	14664980	448.744	464.277
33) L7 AR-1260-3	7.337	6.153	8572694	11462010	427.104	439.154
34) L7 AR-1260-4	7.415	6.324	6080084	12964283	516.922	380.215 #
35) L7 AR-1260-5	7.937	6.854	12725941	22826666	483.829	425.442
36) L8 AR-1262-1	6.810	6.007	5910700	14664980	624.969	660.270
37) L8 AR-1262-2	7.062	6.153	7807867	11462010	670.620	569.954
38) L8 AR-1262-3	7.337	6.360	8572694	11861609	745.025	320.027 #

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 Data File : P0042058.D
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 Acq On : 01 Feb 2018 22:00
 Operator : SM/UA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

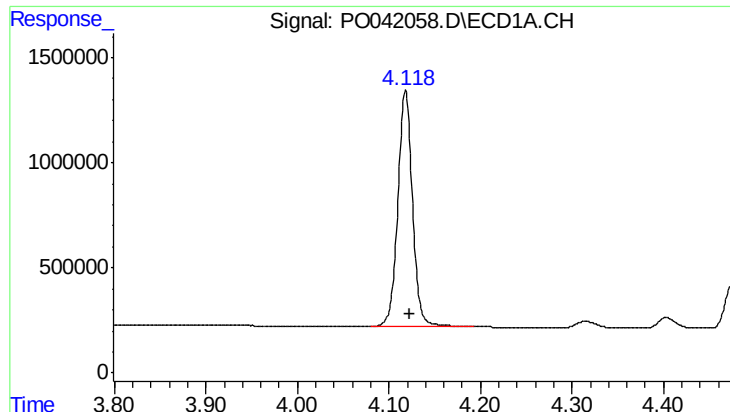
Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 02 02:22:08 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
39)	L8 AR-1262-4	7.636	6.612	5812583	8563395	378.900	309.186
40)	L8 AR-1262-5	7.937	6.854	12725941	22826666	395.318	360.282
41)	L9 AR-1268-1	8.222	7.127	7605096	4883045	201.264	66.627 #
42)	L9 AR-1268-2	8.293	7.191	2156569	14414207	64.996	222.944 #
44)	L9 AR-1268-4	8.869	7.680	3361295	4471121	269.674	201.266 #
45)	L9 AR-1268-5	9.228	7.944	825342	1041447	10.217	7.235 #

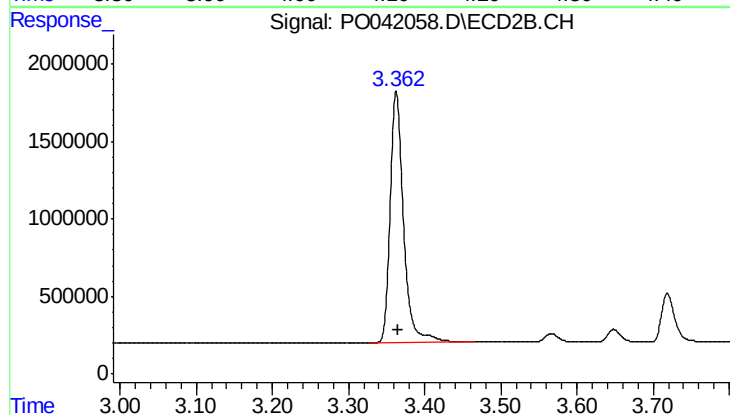
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

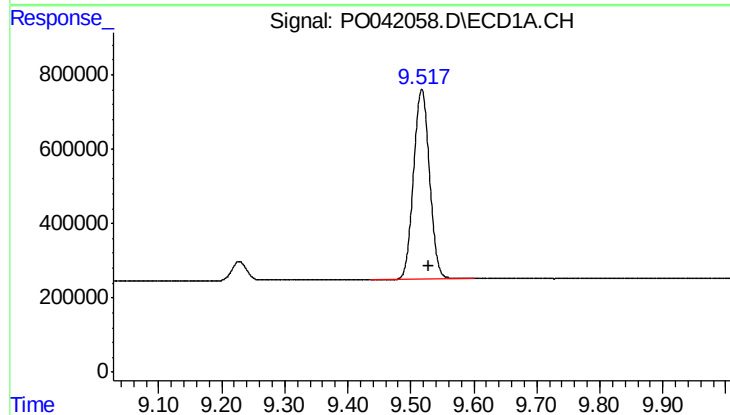
R.T.: 4.118 min
Delta R.T.: -0.005 min
Response: 12508022
Conc: 64.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



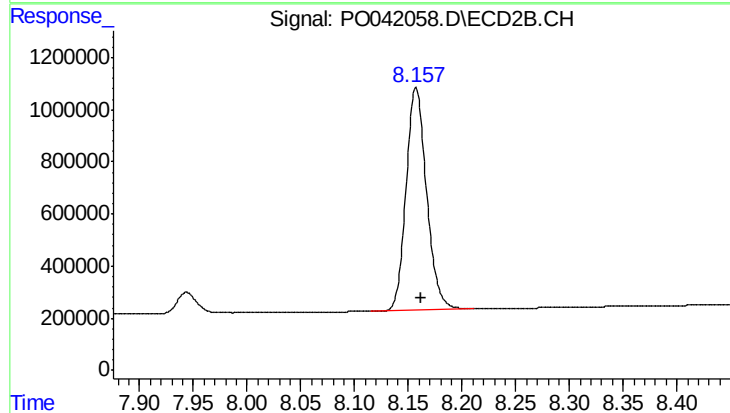
#1 Tetrachloro-m-xylene

R.T.: 3.363 min
Delta R.T.: -0.003 min
Response: 19628269
Conc: 67.62 ng/ml



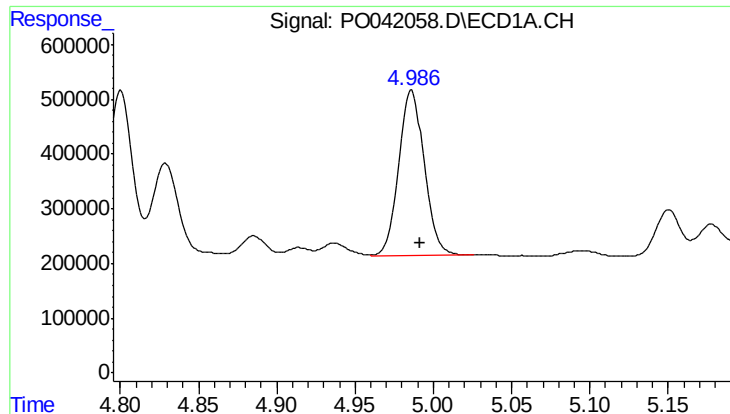
#2 Decachlorobiphenyl

R.T.: 9.518 min
Delta R.T.: -0.011 min
Response: 9018346
Conc: 38.38 ng/ml



#2 Decachlorobiphenyl

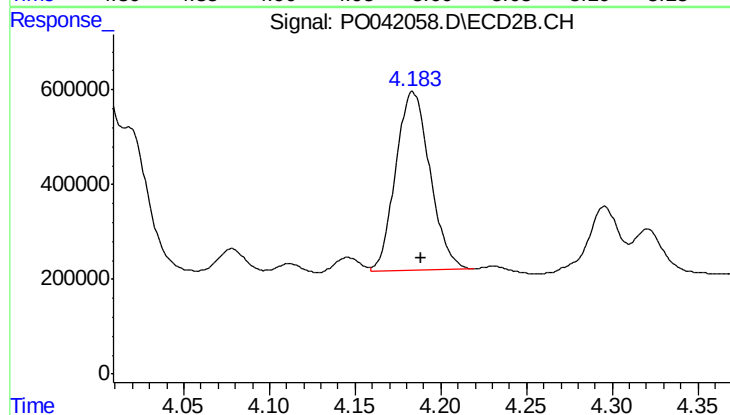
R.T.: 8.157 min
Delta R.T.: -0.005 min
Response: 11358737
Conc: 31.76 ng/ml



#3 AR-1016-1

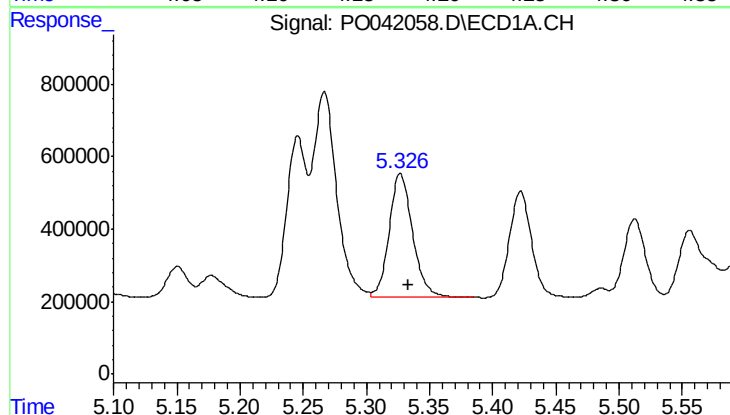
R.T.: 4.986 min
Delta R.T.: -0.005 min
Response: 3370587
Conc: 651.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



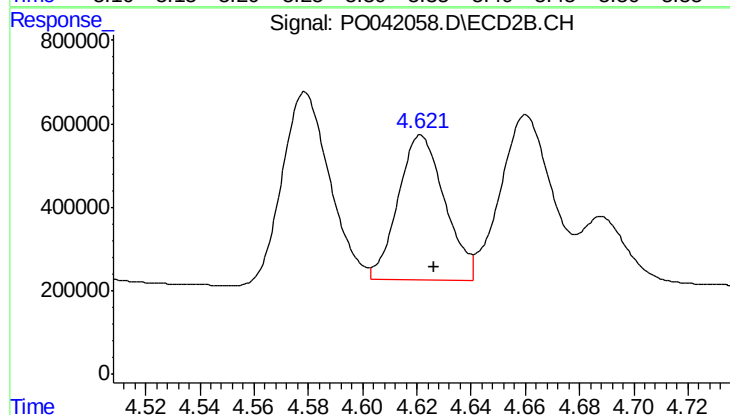
#3 AR-1016-1

R.T.: 4.184 min
Delta R.T.: -0.005 min
Response: 5268964
Conc: 701.07 ng/ml



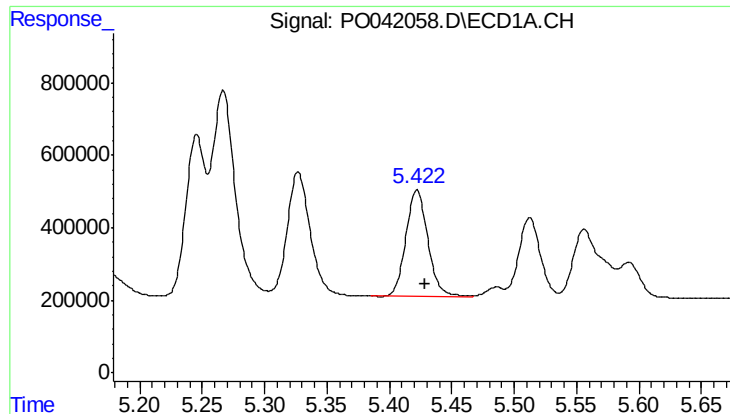
#4 AR-1016-2

R.T.: 5.327 min
Delta R.T.: -0.006 min
Response: 4416200
Conc: 615.72 ng/ml



#4 AR-1016-2

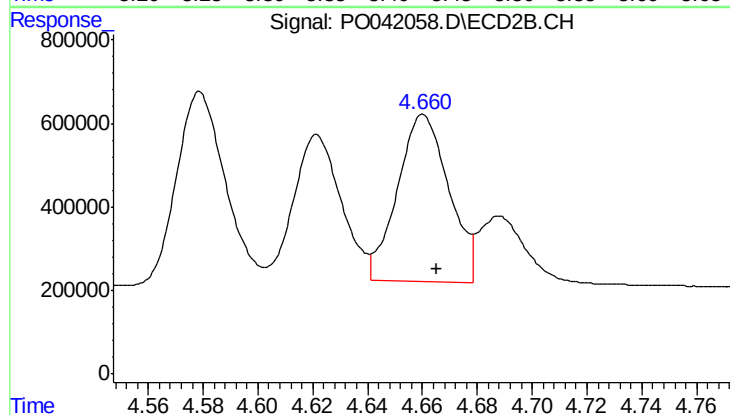
R.T.: 4.621 min
Delta R.T.: -0.005 min
Response: 4161111
Conc: 592.55 ng/ml



#5 AR-1016-3

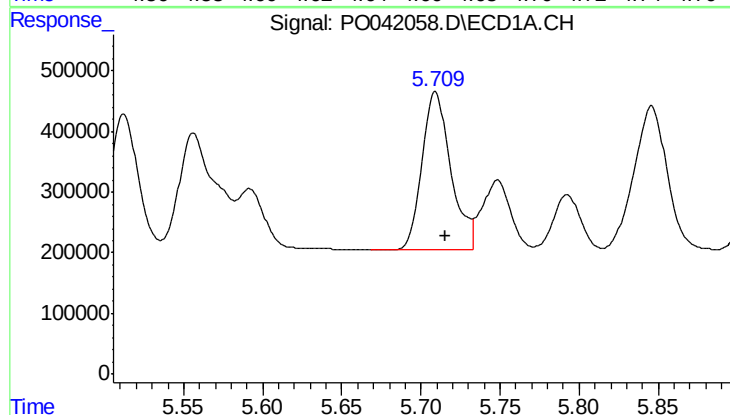
R.T.: 5.422 min
Delta R.T.: -0.006 min
Response: 3580763
Conc: 600.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



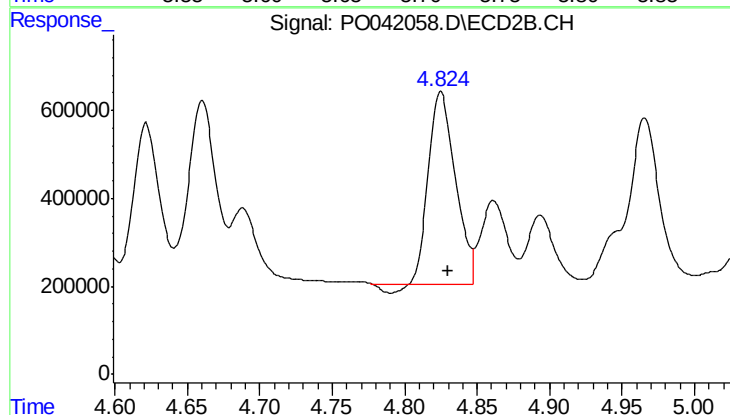
#5 AR-1016-3

R.T.: 4.660 min
Delta R.T.: -0.005 min
Response: 5228995
Conc: 617.53 ng/ml



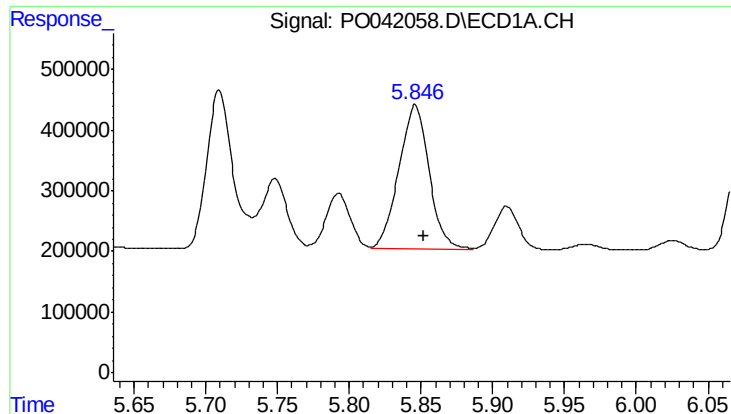
#6 AR-1016-4

R.T.: 5.709 min
Delta R.T.: -0.006 min
Response: 3293879
Conc: 544.26 ng/ml



#6 AR-1016-4

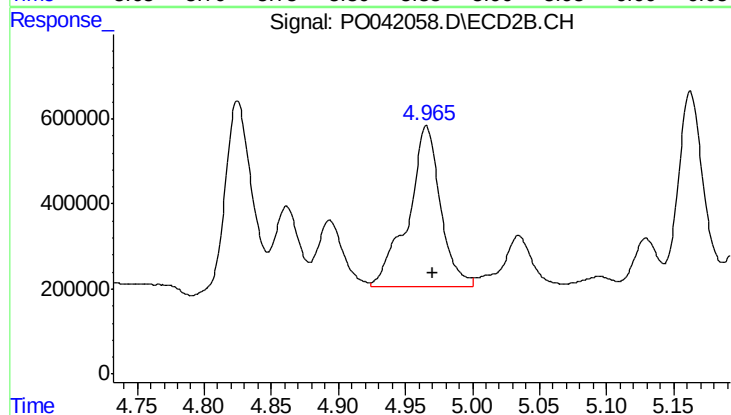
R.T.: 4.825 min
Delta R.T.: -0.005 min
Response: 5582818
Conc: 599.11 ng/ml



#7 AR-1016-5

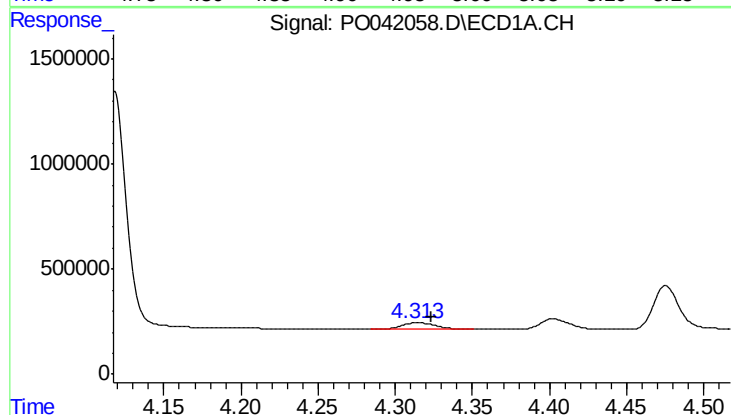
R.T.: 5.846 min
Delta R.T.: -0.006 min
Response: 3485008
Conc: 539.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



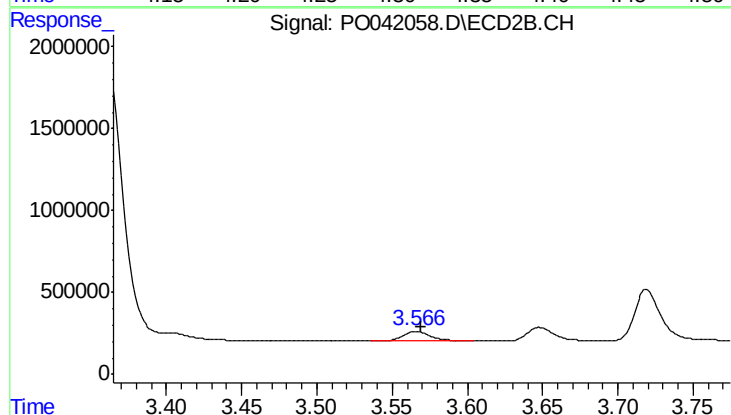
#7 AR-1016-5

R.T.: 4.966 min
Delta R.T.: -0.005 min
Response: 6320799
Conc: 637.53 ng/ml



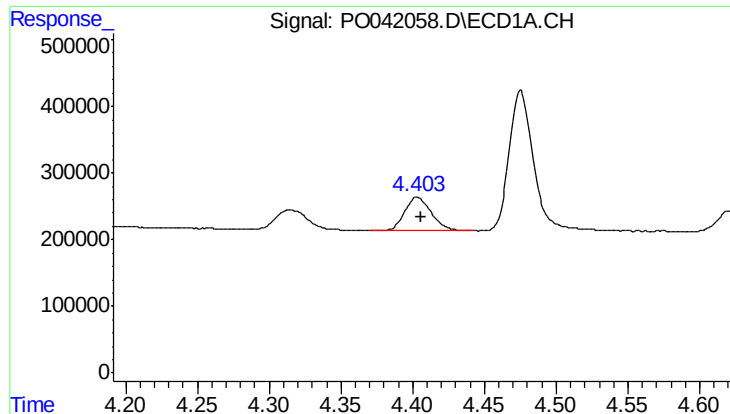
#8 AR-1221-1

R.T.: 4.314 min
Delta R.T.: -0.010 min
Response: 445173
Conc: 239.35 ng/ml



#8 AR-1221-1

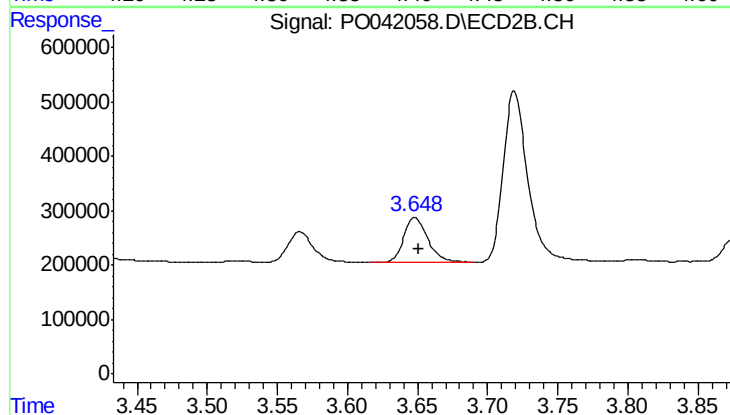
R.T.: 3.566 min
Delta R.T.: -0.003 min
Response: 678382
Conc: 264.01 ng/ml



#9 AR-1221-2

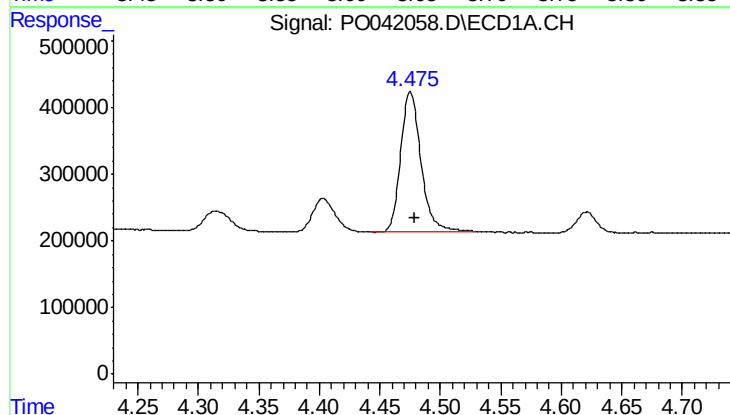
R.T.: 4.403 min
Delta R.T.: -0.003 min
Response: 631372
Conc: 444.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



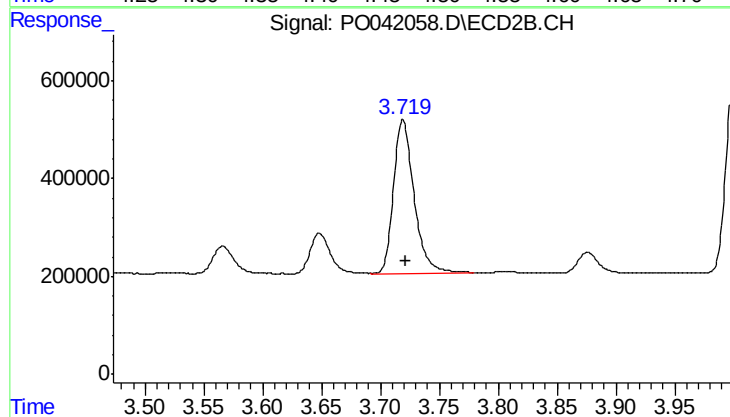
#9 AR-1221-2

R.T.: 3.648 min
Delta R.T.: -0.003 min
Response: 968582
Conc: 512.05 ng/ml



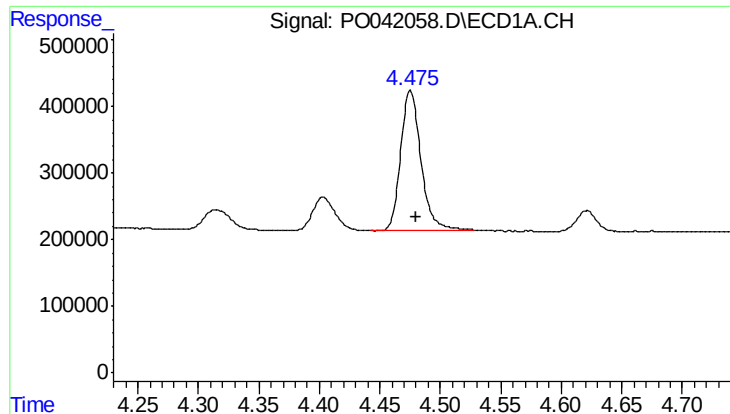
#10 AR-1221-3

R.T.: 4.475 min
Delta R.T.: -0.004 min
Response: 243368
Conc: 525.86 ng/ml



#10 AR-1221-3

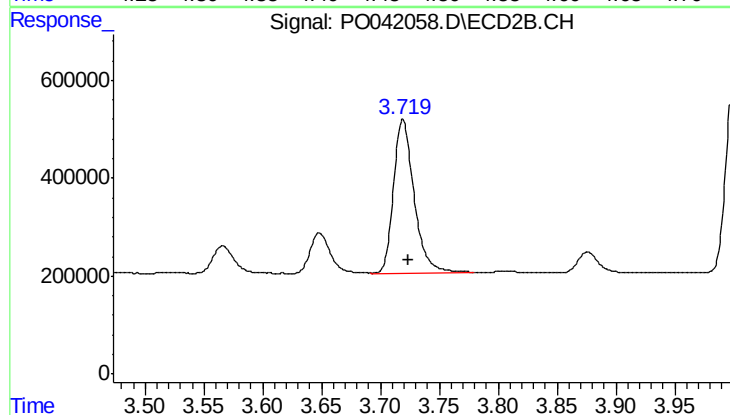
R.T.: 3.719 min
Delta R.T.: -0.003 min
Response: 3795162
Conc: 606.85 ng/ml



#11 AR-1232-1

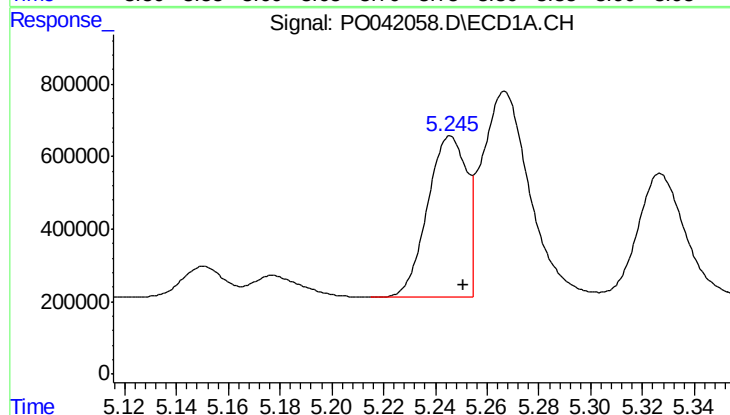
R.T.: 4.475 min
Delta R.T.: -0.005 min
Response: 2433368
Conc: 694.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



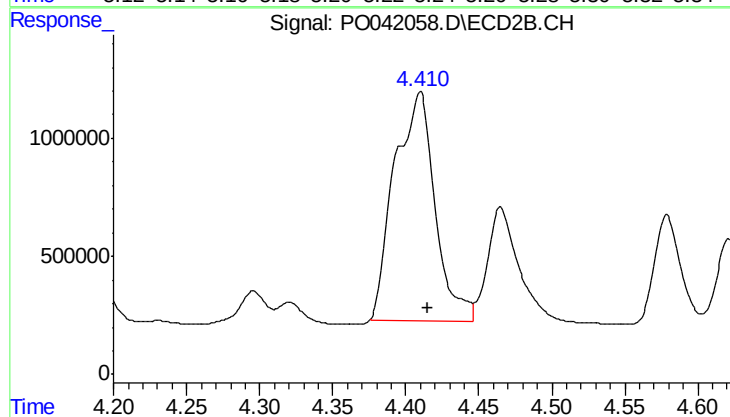
#11 AR-1232-1

R.T.: 3.719 min
Delta R.T.: -0.004 min
Response: 3795162
Conc: 770.71 ng/ml



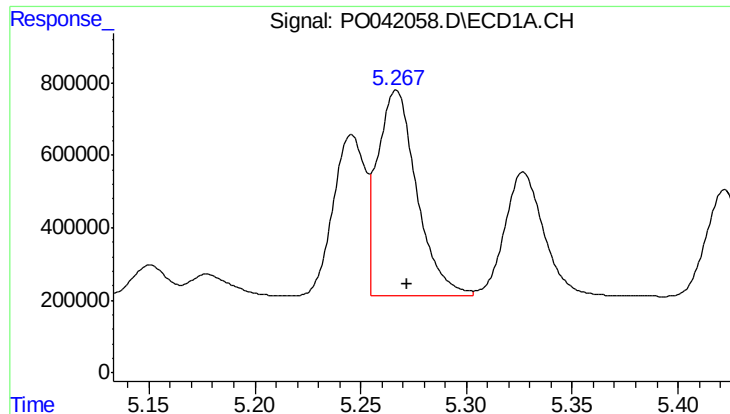
#12 AR-1232-2

R.T.: 5.246 min
Delta R.T.: -0.005 min
Response: 4658725
Conc: 1770.23 ng/ml



#12 AR-1232-2

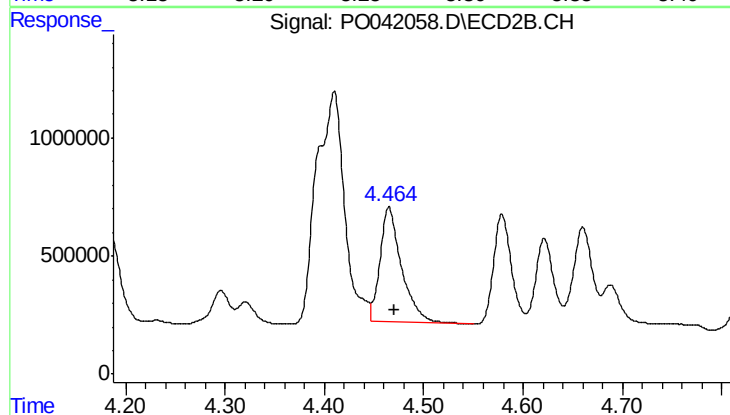
R.T.: 4.410 min
Delta R.T.: -0.005 min
Response: 18754631
Conc: 1865.26 ng/ml



#13 AR-1232-3

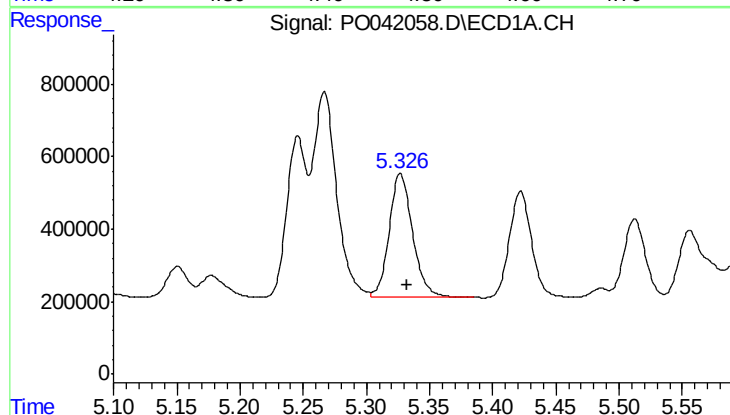
R.T.: 5.267 min
Delta R.T.: -0.005 min
Response: 7358688
Conc: 1647.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



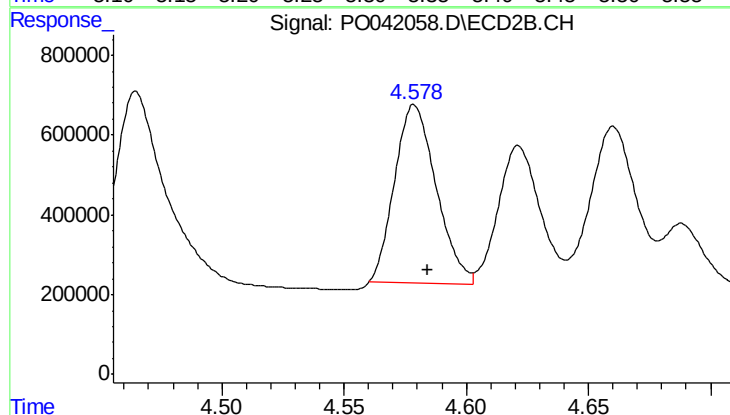
#13 AR-1232-3

R.T.: 4.465 min
Delta R.T.: -0.005 min
Response: 7352119
Conc: 1782.92 ng/ml



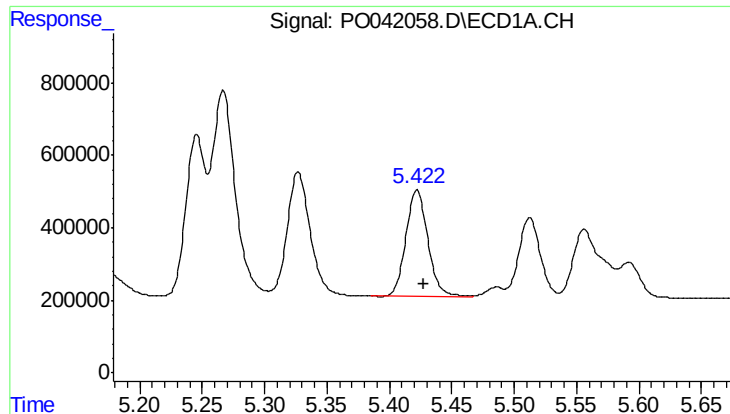
#14 AR-1232-4

R.T.: 5.327 min
Delta R.T.: -0.006 min
Response: 4416200
Conc: 1603.82 ng/ml



#14 AR-1232-4

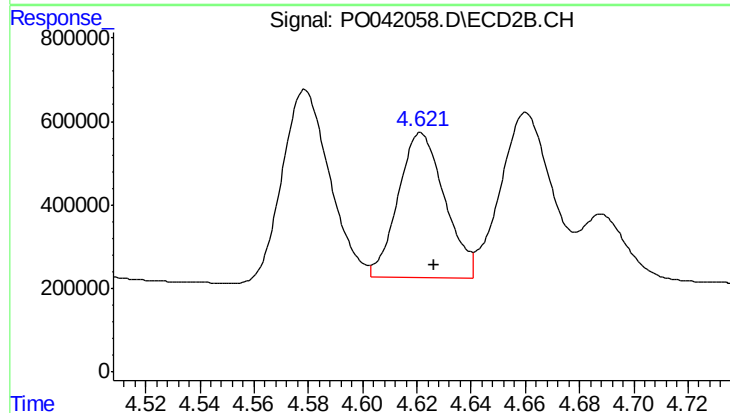
R.T.: 4.579 min
Delta R.T.: -0.006 min
Response: 5282909
Conc: 1705.00 ng/ml



#15 AR-1232-5

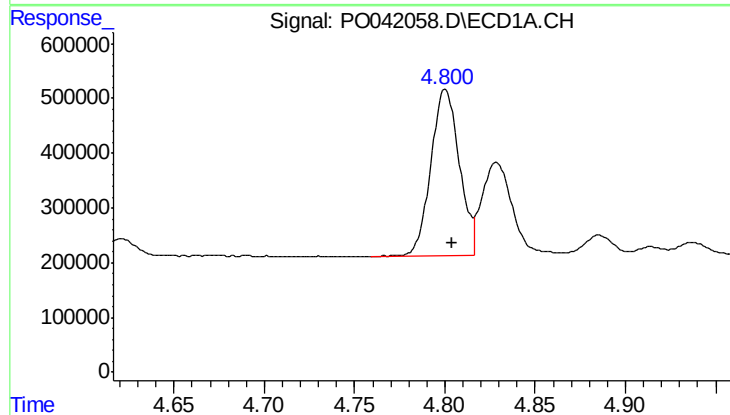
R.T.: 5.422 min
Delta R.T.: -0.005 min
Response: 3580763
Conc: 1705.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



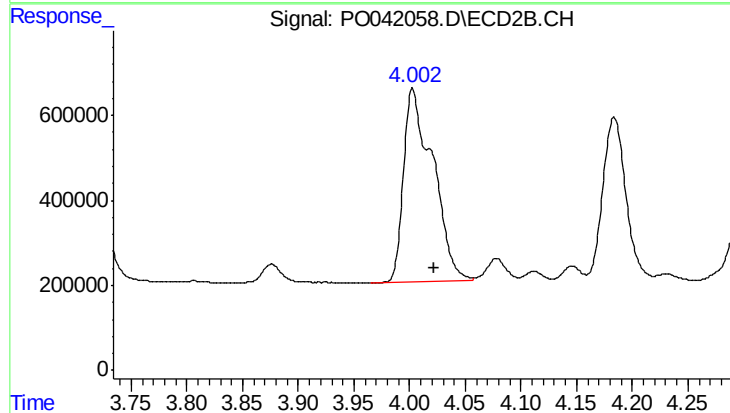
#15 AR-1232-5

R.T.: 4.621 min
Delta R.T.: -0.005 min
Response: 4161111
Conc: 1924.64 ng/ml



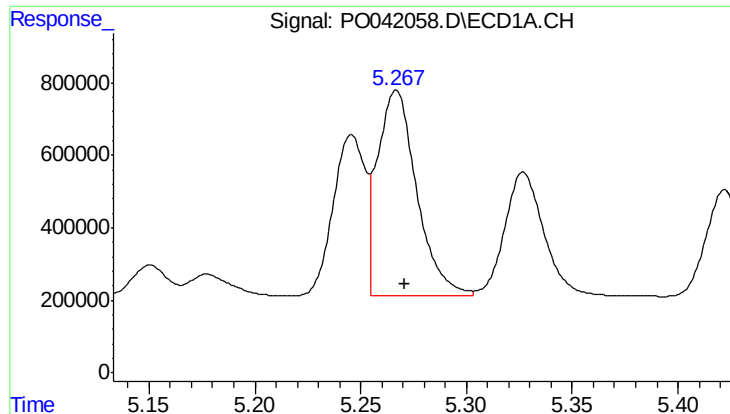
#16 AR-1242-1

R.T.: 4.800 min
Delta R.T.: -0.004 min
Response: 3317599
Conc: 1070.12 ng/ml



#16 AR-1242-1

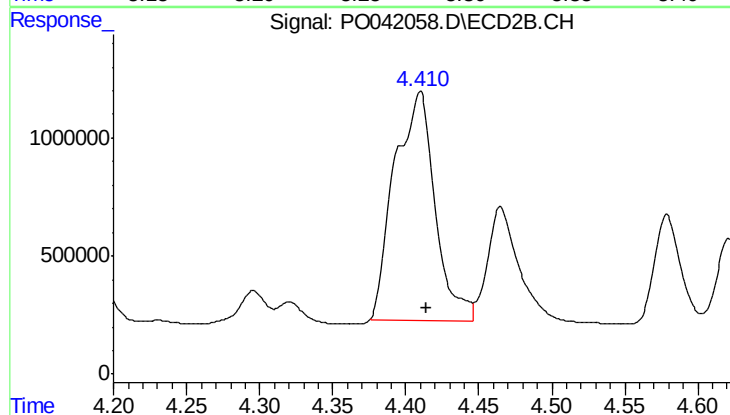
R.T.: 4.003 min
Delta R.T.: -0.020 min
Response: 8312601
Conc: 3275.57 ng/ml



#17 AR-1242-2

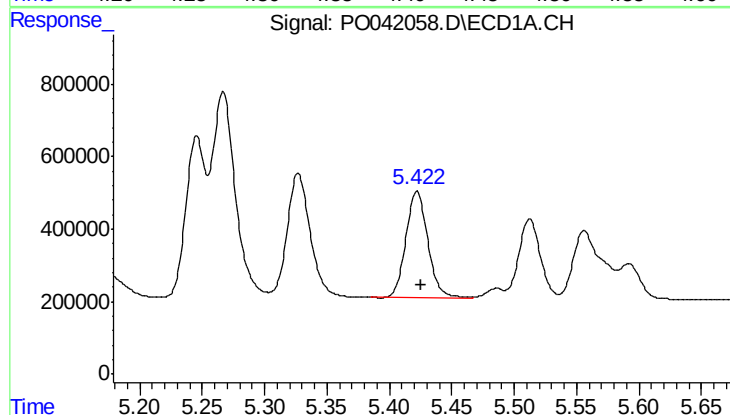
R.T.: 5.267 min
Delta R.T.: -0.004 min
Response: 7358688
Conc: 1000.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



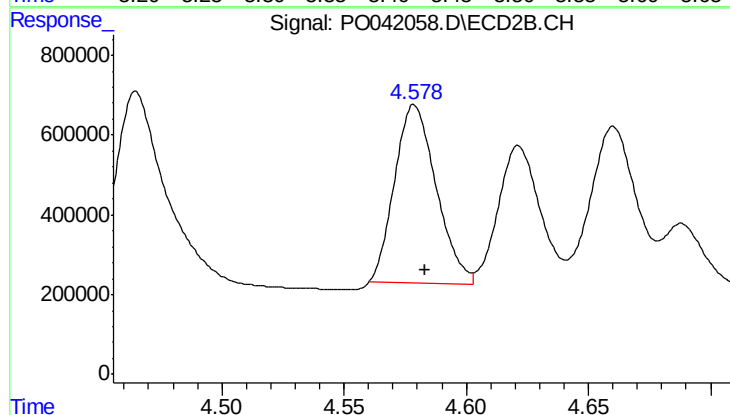
#17 AR-1242-2

R.T.: 4.410 min
Delta R.T.: -0.004 min
Response: 18754631
Conc: 1093.05 ng/ml



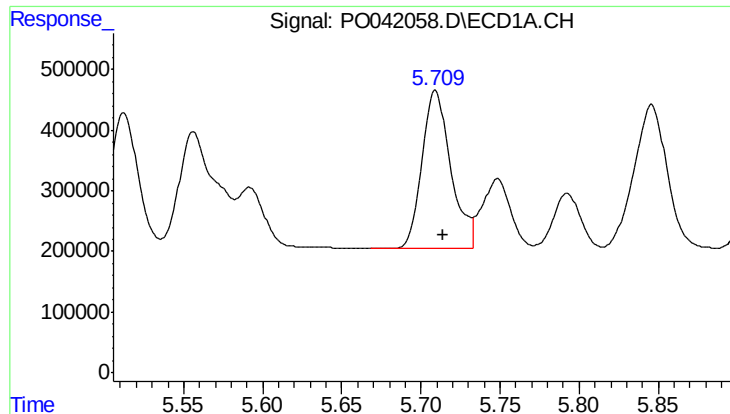
#18 AR-1242-3

R.T.: 5.422 min
Delta R.T.: -0.004 min
Response: 3580763
Conc: 974.09 ng/ml



#18 AR-1242-3

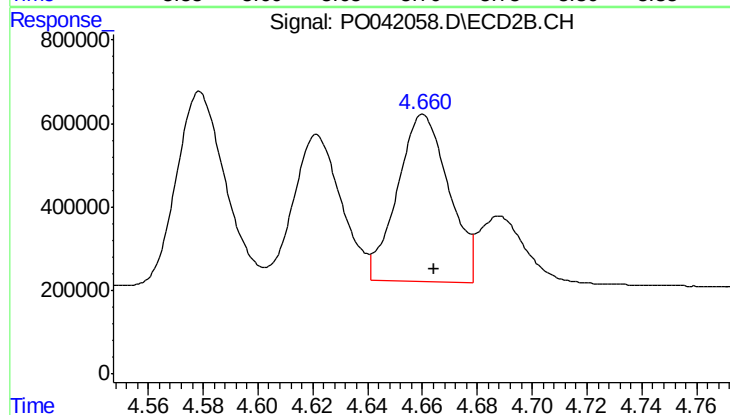
R.T.: 4.579 min
Delta R.T.: -0.004 min
Response: 5282909
Conc: 1004.31 ng/ml



#19 AR-1242-4

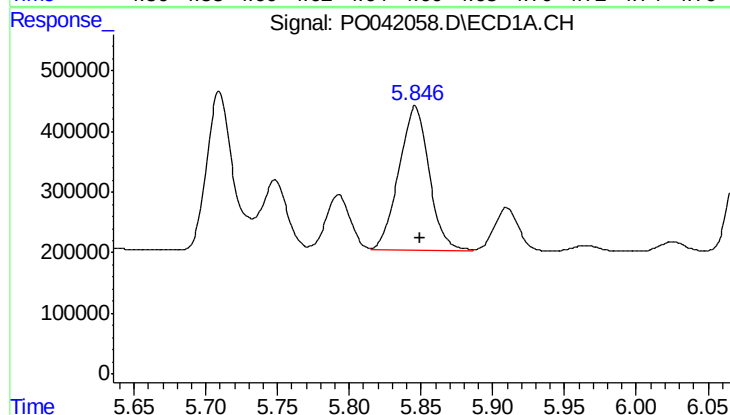
R.T.: 5.709 min
Delta R.T.: -0.004 min
Response: 3293879
Conc: 875.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



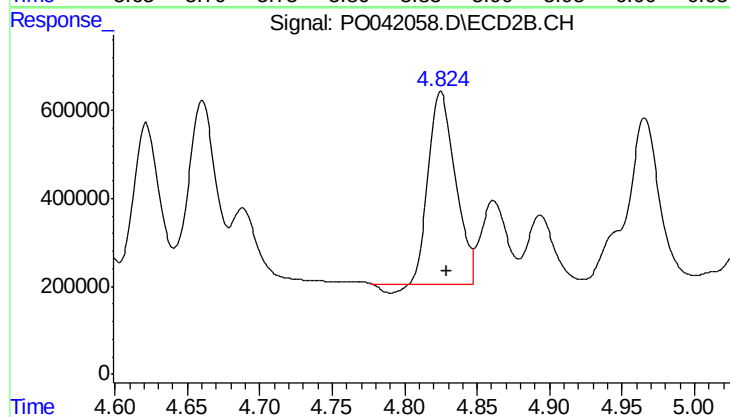
#19 AR-1242-4

R.T.: 4.660 min
Delta R.T.: -0.004 min
Response: 5228995
Conc: 998.83 ng/ml



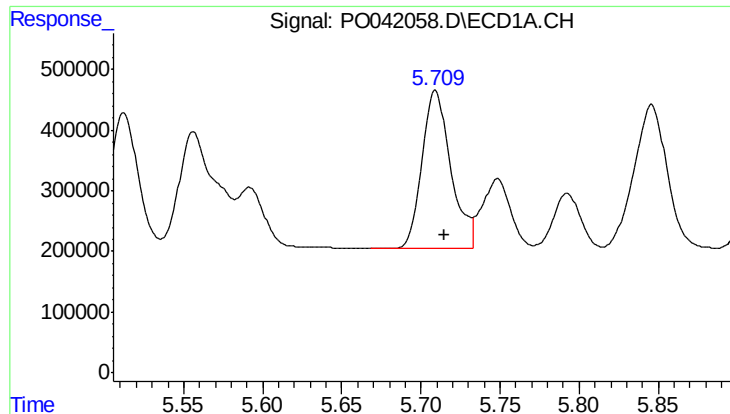
#20 AR-1242-5

R.T.: 5.846 min
Delta R.T.: -0.004 min
Response: 3485008
Conc: 835.57 ng/ml



#20 AR-1242-5

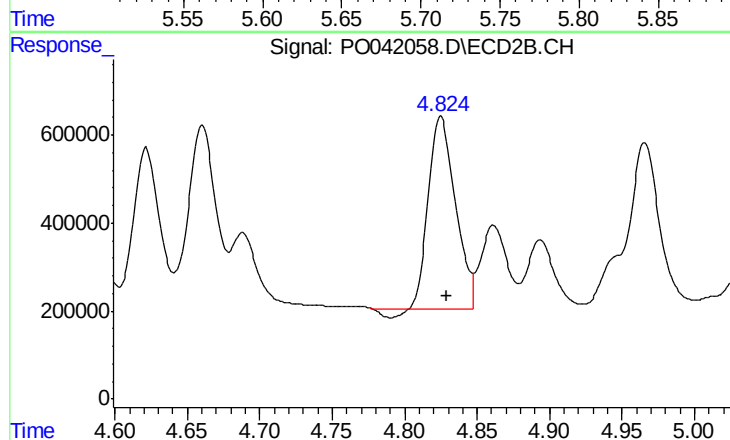
R.T.: 4.825 min
Delta R.T.: -0.004 min
Response: 5582818
Conc: 965.53 ng/ml



#21 AR-1248-1

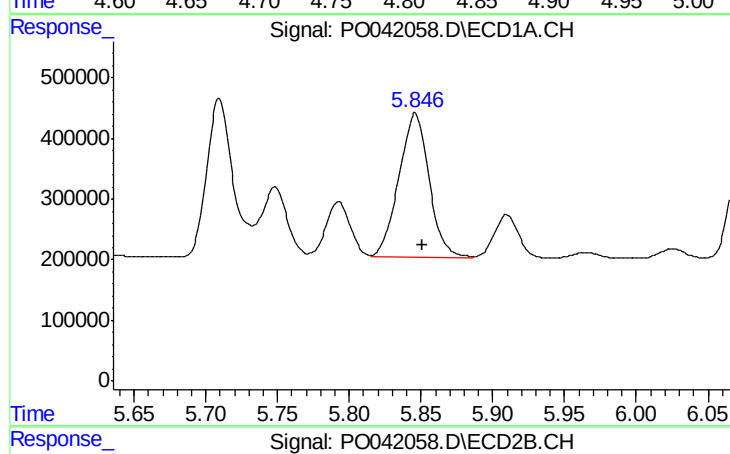
R.T.: 5.709 min
Delta R.T.: -0.005 min
Response: 3293879
Conc: 455.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



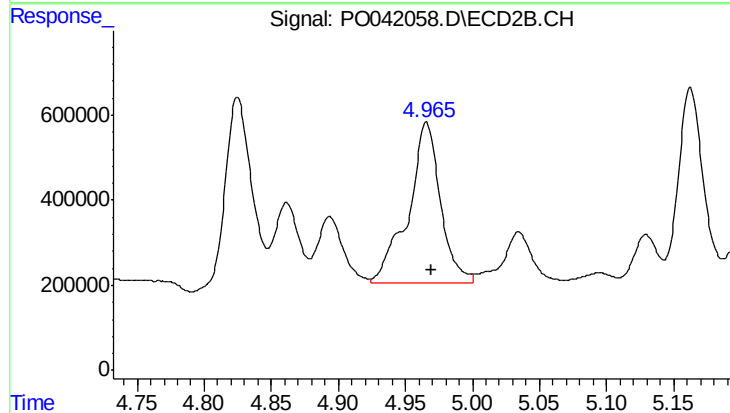
#21 AR-1248-1

R.T.: 4.825 min
Delta R.T.: -0.005 min
Response: 5582818
Conc: 510.69 ng/ml



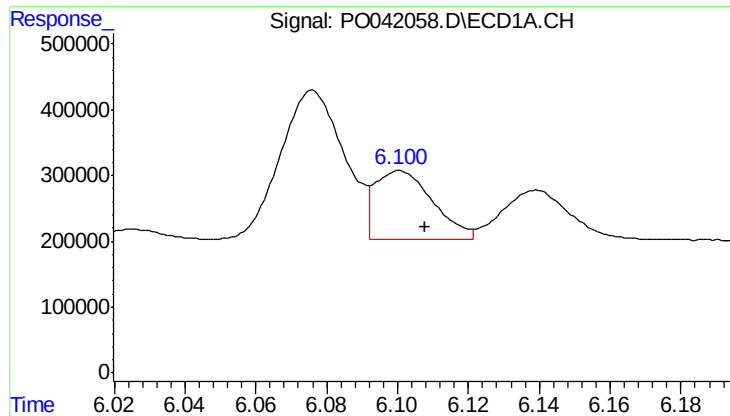
#22 AR-1248-2

R.T.: 5.846 min
Delta R.T.: -0.005 min
Response: 3485008
Conc: 555.91 ng/ml



#22 AR-1248-2

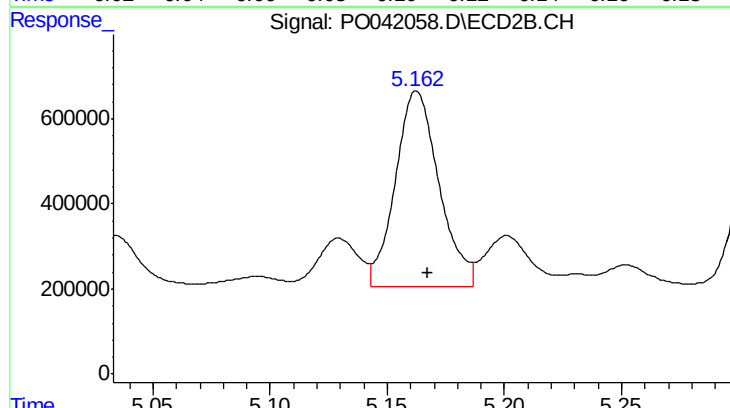
R.T.: 4.966 min
Delta R.T.: -0.004 min
Response: 6320799
Conc: 650.05 ng/ml



#23 AR-1248-3

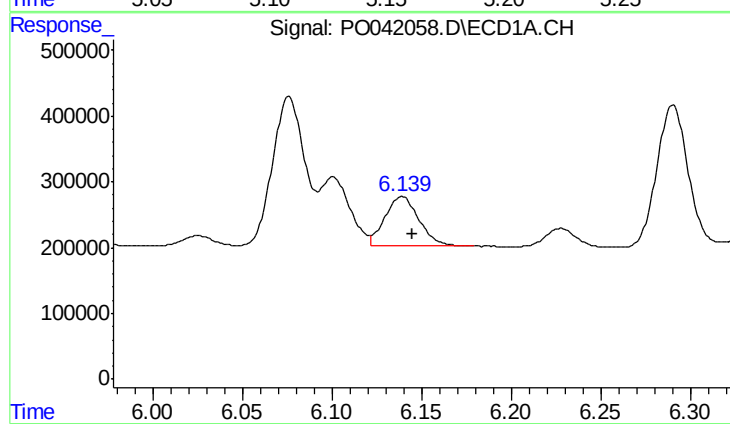
R.T.: 6.101 min
Delta R.T.: -0.007 min
Response: 1199417
Conc: 131.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



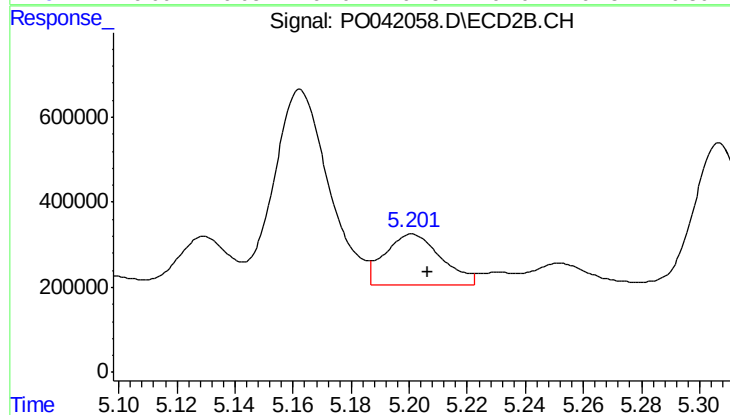
#23 AR-1248-3

R.T.: 5.163 min
Delta R.T.: -0.005 min
Response: 5950311
Conc: 350.83 ng/ml



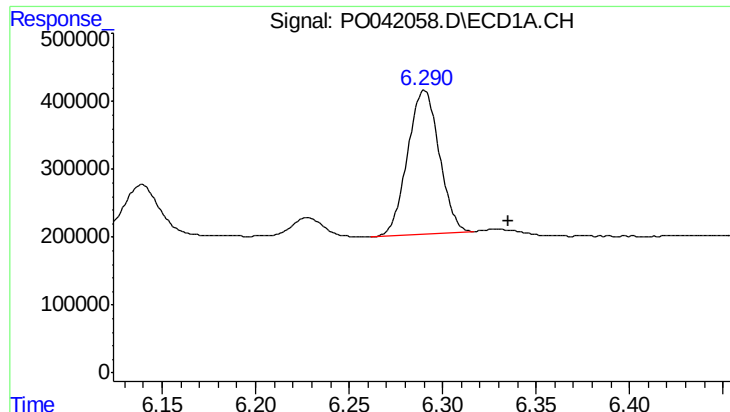
#24 AR-1248-4

R.T.: 6.139 min
Delta R.T.: -0.006 min
Response: 1007757
Conc: 112.46 ng/ml



#24 AR-1248-4

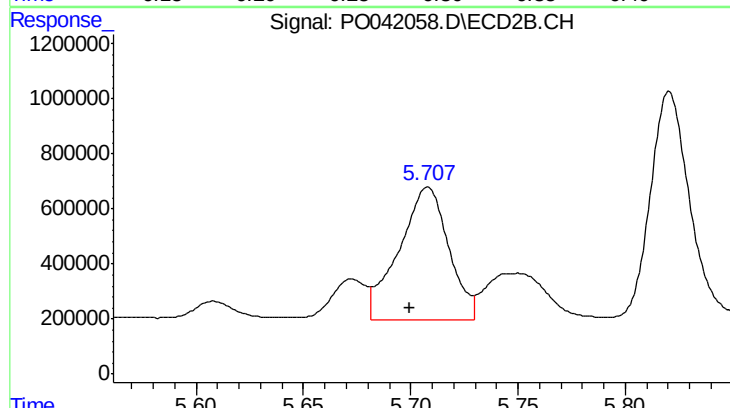
R.T.: 5.201 min
Delta R.T.: -0.005 min
Response: 1588310
Conc: 117.63 ng/ml



#25 AR-1248-5

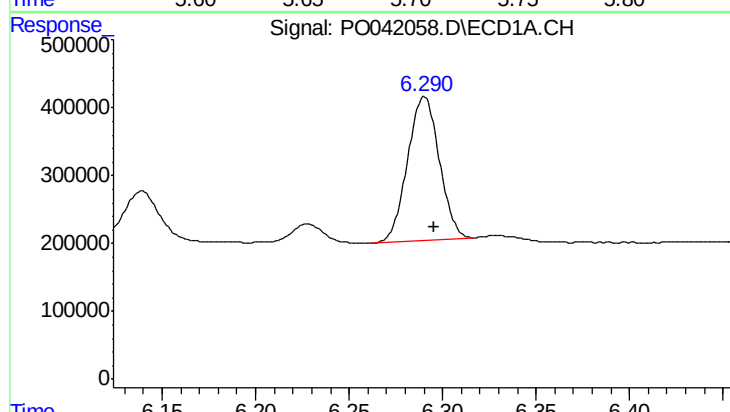
R.T.: 6.290 min
Delta R.T.: -0.045 min
Response: 2508582
Conc: 419.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



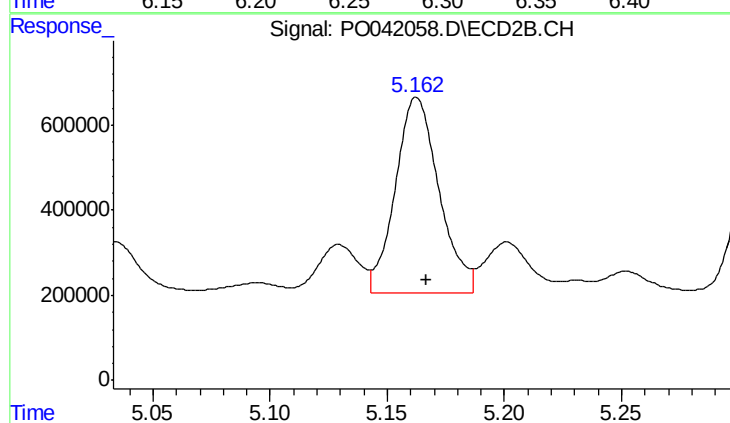
#25 AR-1248-5

R.T.: 5.708 min
Delta R.T.: 0.008 min
Response: 7838281
Conc: 1017.24 ng/ml



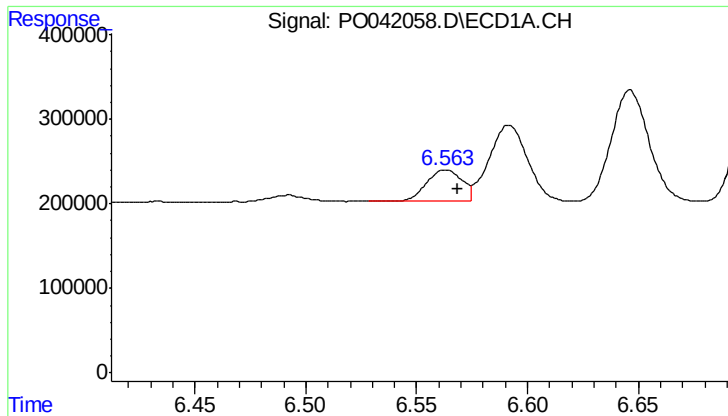
#26 AR-1254-1

R.T.: 6.290 min
Delta R.T.: -0.005 min
Response: 2508582
Conc: 178.20 ng/ml



#26 AR-1254-1

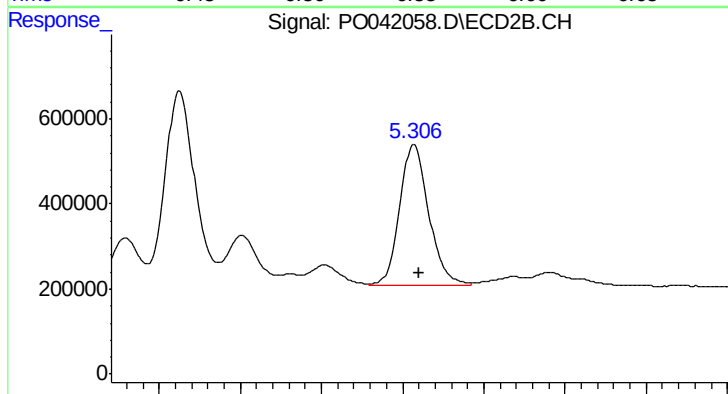
R.T.: 5.163 min
Delta R.T.: -0.004 min
Response: 5950311
Conc: 321.71 ng/ml



#27 AR-1254-2

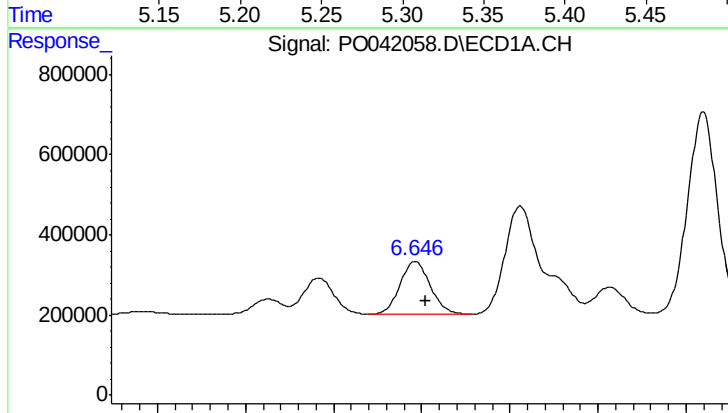
R.T.: 6.563 min
Delta R.T.: -0.005 min
Response: 410300
Conc: 47.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



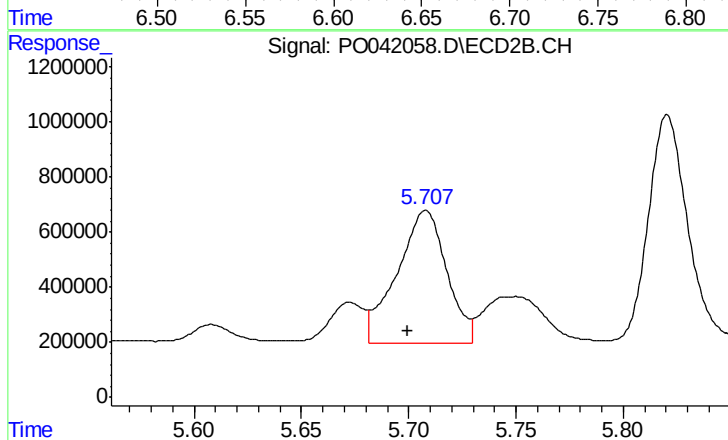
#27 AR-1254-2

R.T.: 5.307 min
Delta R.T.: -0.003 min
Response: 4199736
Conc: 253.97 ng/ml



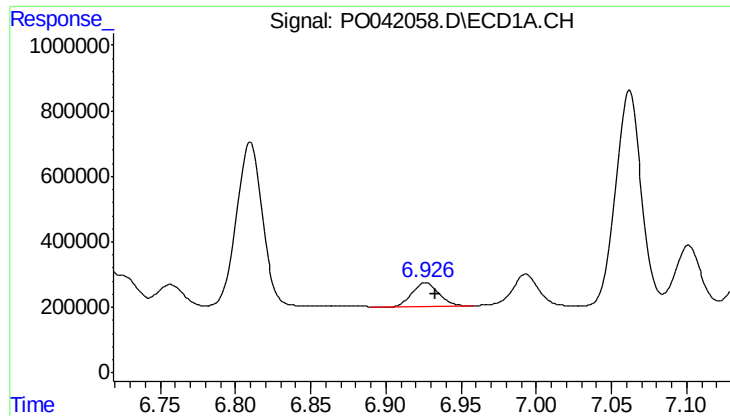
#28 AR-1254-3

R.T.: 6.646 min
Delta R.T.: -0.006 min
Response: 1554384
Conc: 100.29 ng/ml



#28 AR-1254-3

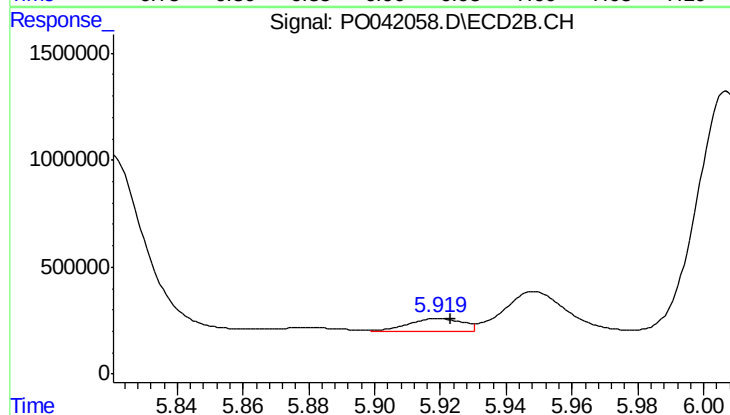
R.T.: 5.708 min
Delta R.T.: 0.009 min
Response: 7838281
Conc: 284.90 ng/ml



#29 AR-1254-4

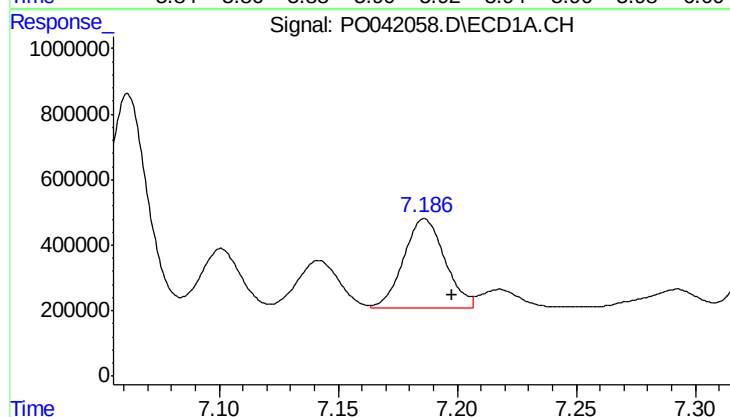
R.T.: 6.926 min
Delta R.T.: -0.006 min
Response: 888276
Conc: 67.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



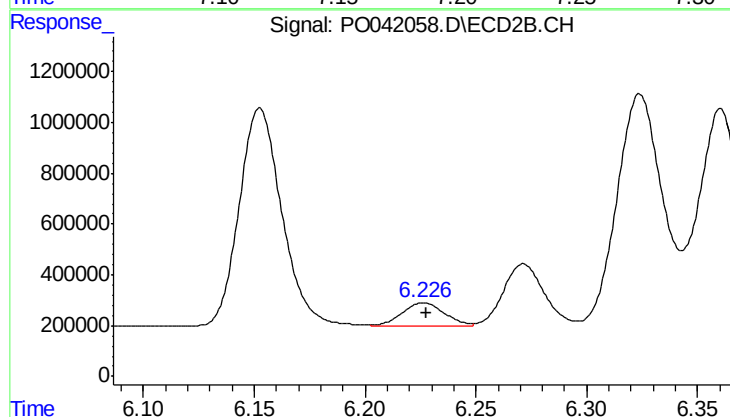
#29 AR-1254-4

R.T.: 5.919 min
Delta R.T.: -0.004 min
Response: 736932
Conc: 37.82 ng/ml



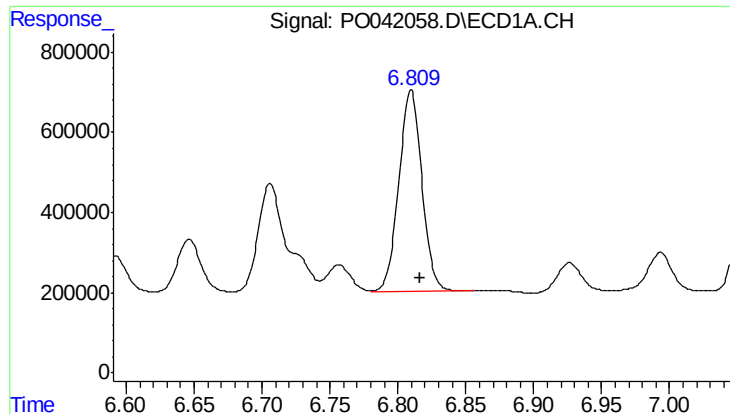
#30 AR-1254-5

R.T.: 7.186 min
Delta R.T.: -0.011 min
Response: 3277290
Conc: 348.15 ng/ml



#30 AR-1254-5

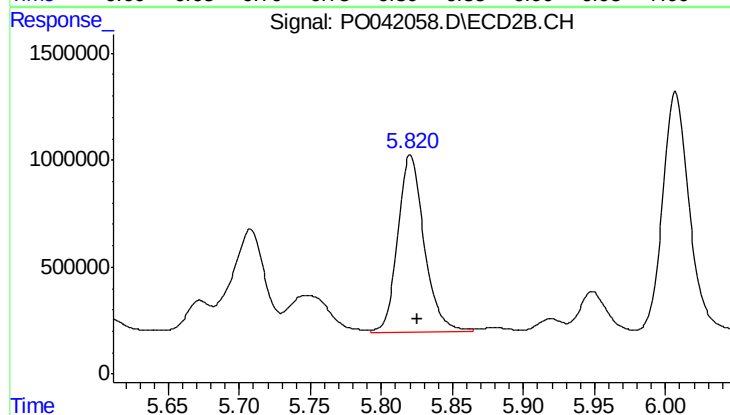
R.T.: 6.226 min
Delta R.T.: 0.000 min
Response: 1216713
Conc: 91.86 ng/ml



#31 AR-1260-1

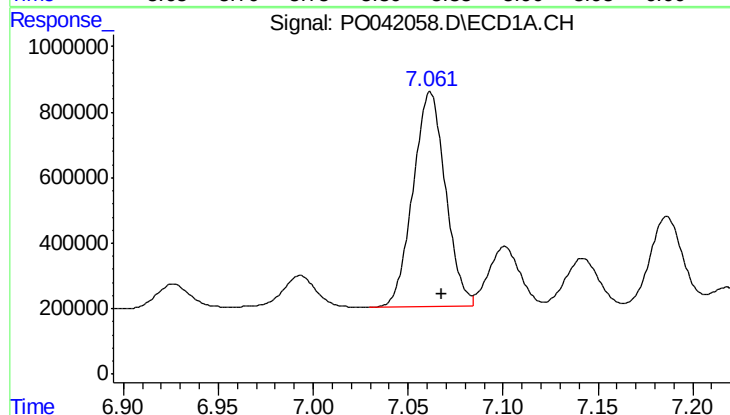
R.T.: 6.810 min
Delta R.T.: -0.007 min
Response: 5910700
Conc: 469.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



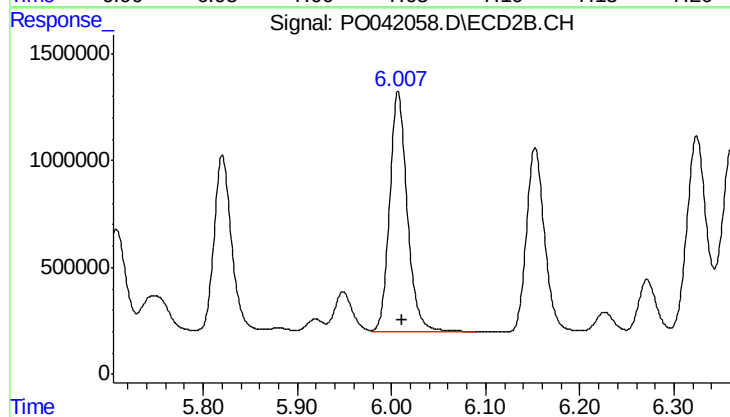
#31 AR-1260-1

R.T.: 5.820 min
Delta R.T.: -0.005 min
Response: 10772784
Conc: 504.66 ng/ml



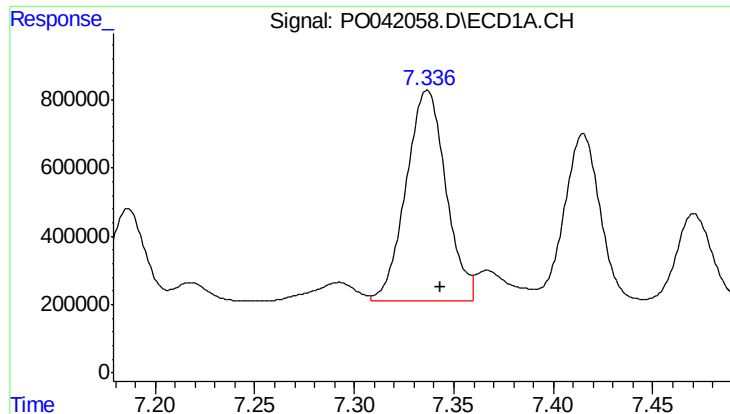
#32 AR-1260-2

R.T.: 7.062 min
Delta R.T.: -0.006 min
Response: 7807867
Conc: 448.74 ng/ml



#32 AR-1260-2

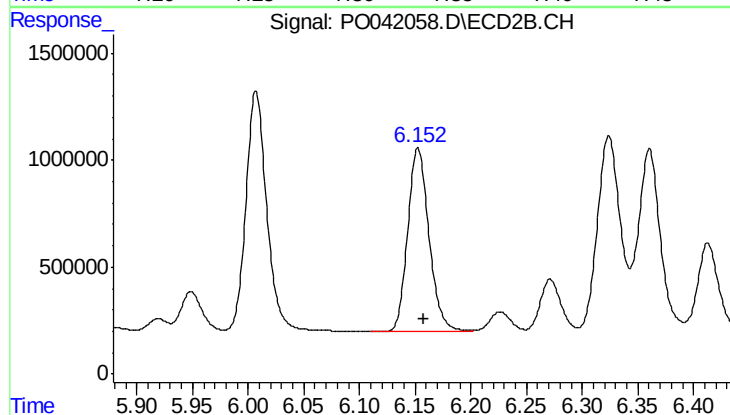
R.T.: 6.007 min
Delta R.T.: -0.005 min
Response: 14664980
Conc: 464.28 ng/ml



#33 AR-1260-3

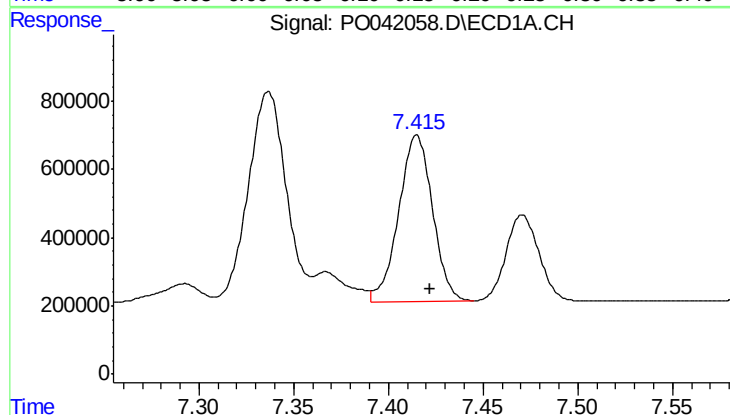
R.T.: 7.337 min
Delta R.T.: -0.007 min
Response: 8572694
Conc: 427.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



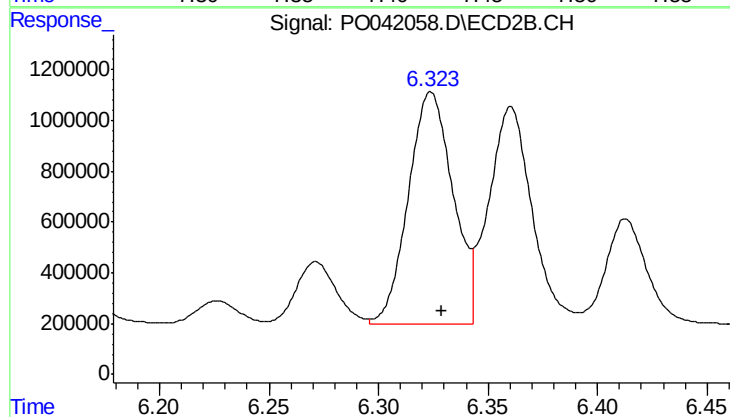
#33 AR-1260-3

R.T.: 6.153 min
Delta R.T.: -0.005 min
Response: 11462010
Conc: 439.15 ng/ml



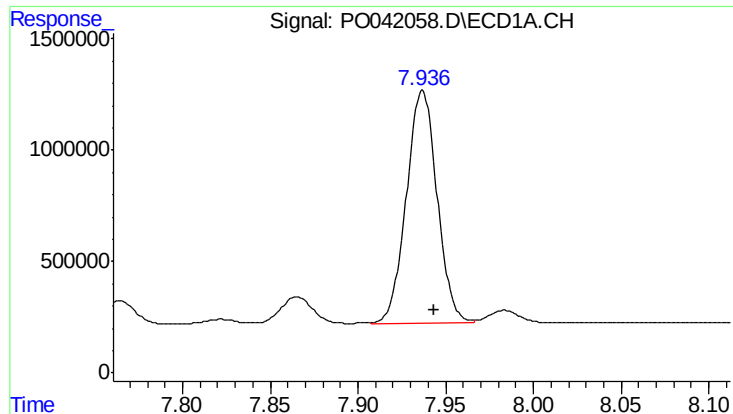
#34 AR-1260-4

R.T.: 7.415 min
Delta R.T.: -0.007 min
Response: 6080084
Conc: 516.92 ng/ml



#34 AR-1260-4

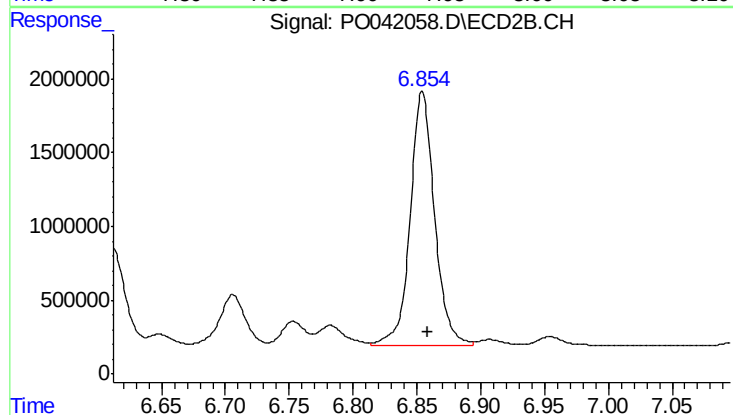
R.T.: 6.324 min
Delta R.T.: -0.005 min
Response: 12964283
Conc: 380.21 ng/ml



#35 AR-1260-5

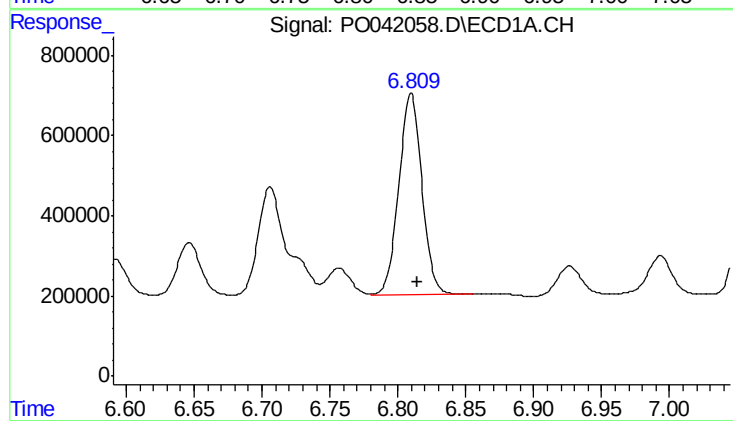
R.T.: 7.937 min
Delta R.T.: -0.006 min
Response: 12725941
Conc: 483.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



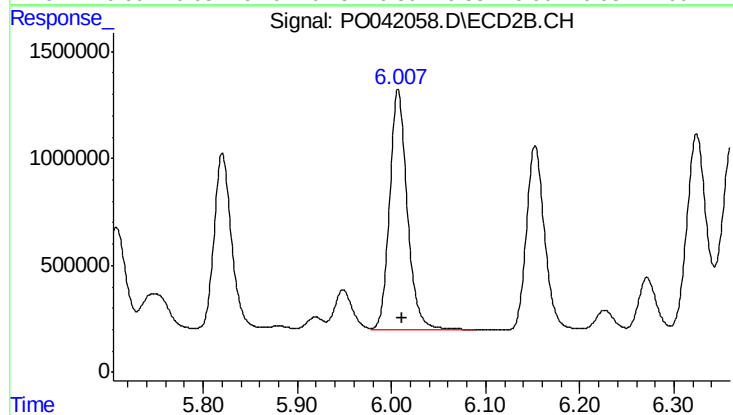
#35 AR-1260-5

R.T.: 6.854 min
Delta R.T.: -0.005 min
Response: 22826666
Conc: 425.44 ng/ml



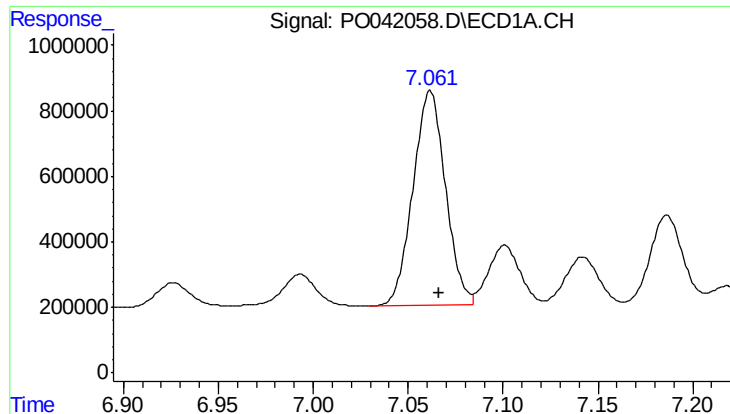
#36 AR-1262-1

R.T.: 6.810 min
Delta R.T.: -0.005 min
Response: 5910700
Conc: 624.97 ng/ml



#36 AR-1262-1

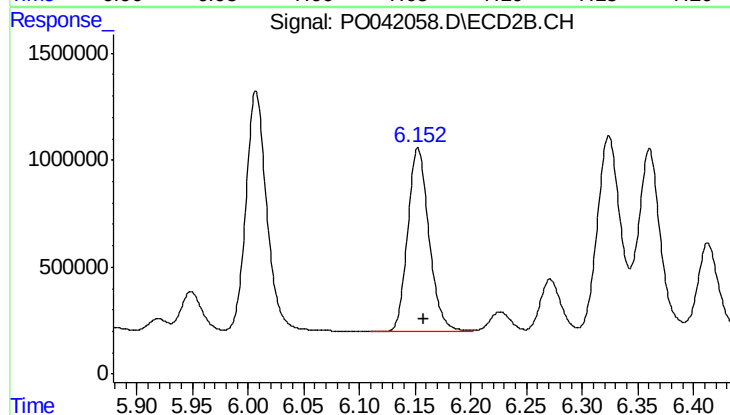
R.T.: 6.007 min
Delta R.T.: -0.004 min
Response: 14664980
Conc: 660.27 ng/ml



#37 AR-1262-2

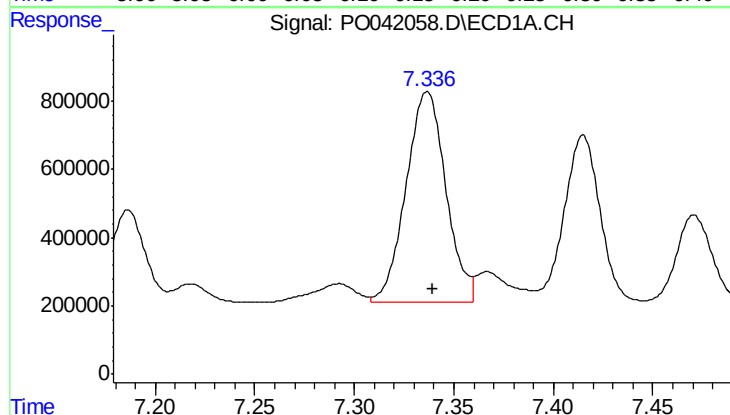
R.T.: 7.062 min
Delta R.T.: -0.005 min
Response: 7807867
Conc: 670.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



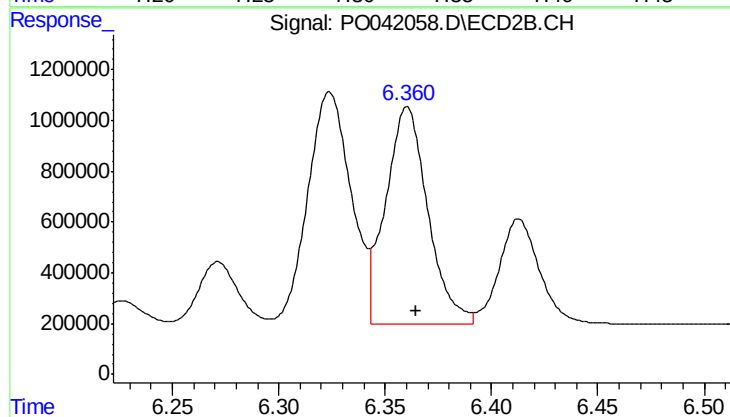
#37 AR-1262-2

R.T.: 6.153 min
Delta R.T.: -0.005 min
Response: 11462010
Conc: 569.95 ng/ml



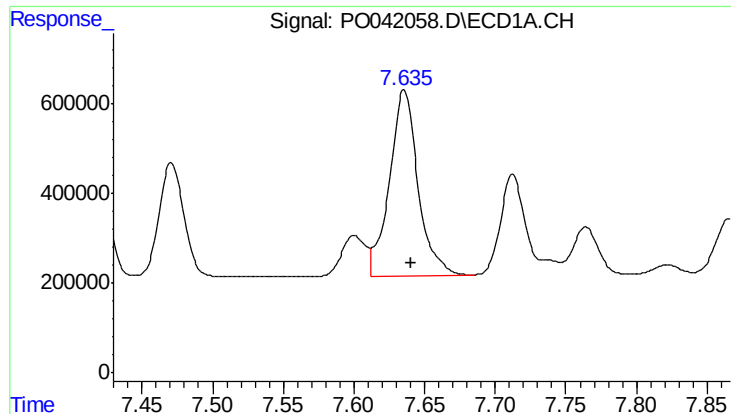
#38 AR-1262-3

R.T.: 7.337 min
Delta R.T.: -0.003 min
Response: 8572694
Conc: 745.03 ng/ml



#38 AR-1262-3

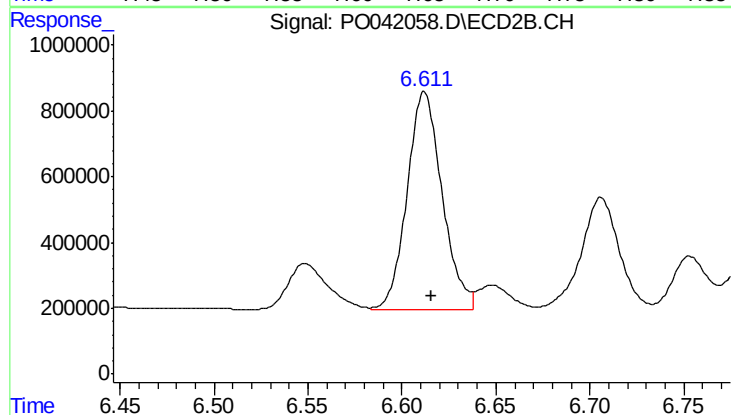
R.T.: 6.360 min
Delta R.T.: -0.004 min
Response: 11861609
Conc: 320.03 ng/ml



#39 AR-1262-4

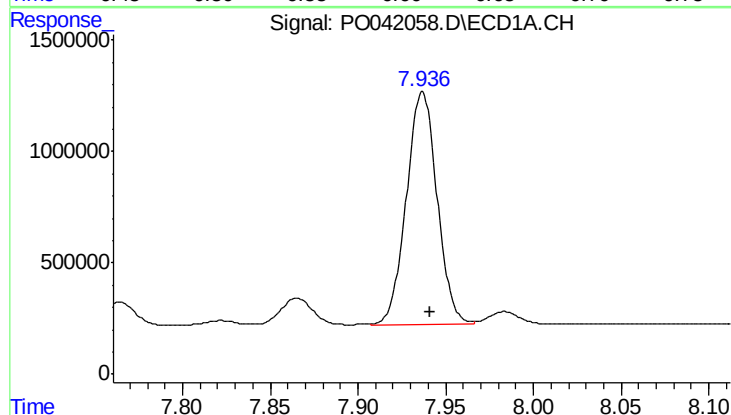
R.T.: 7.636 min
Delta R.T.: -0.005 min
Response: 5812583
Conc: 378.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



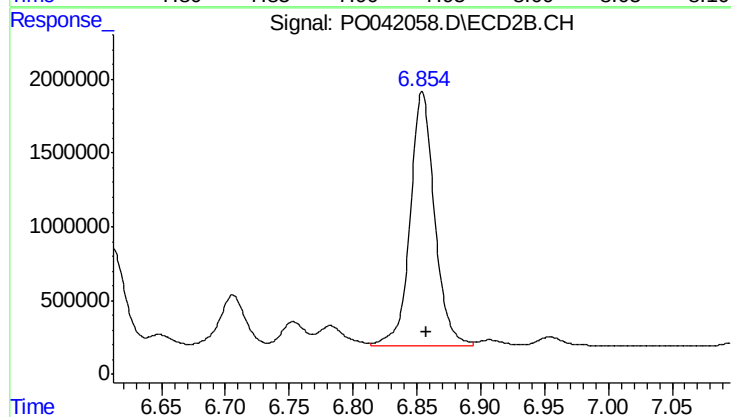
#39 AR-1262-4

R.T.: 6.612 min
Delta R.T.: -0.004 min
Response: 8563395
Conc: 309.19 ng/ml



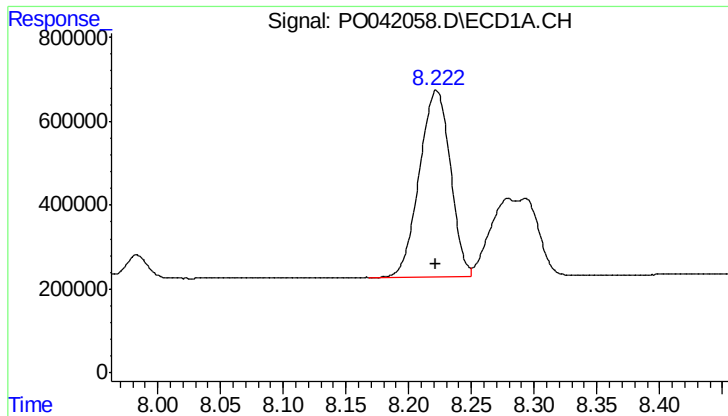
#40 AR-1262-5

R.T.: 7.937 min
Delta R.T.: -0.004 min
Response: 12725941
Conc: 395.32 ng/ml



#40 AR-1262-5

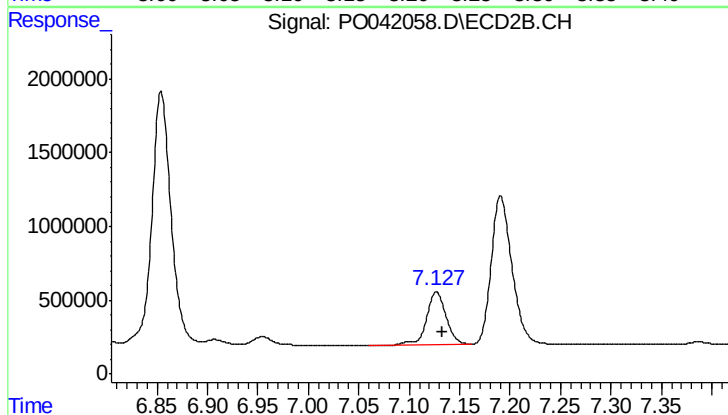
R.T.: 6.854 min
Delta R.T.: -0.004 min
Response: 22826666
Conc: 360.28 ng/ml



#41 AR-1268-1

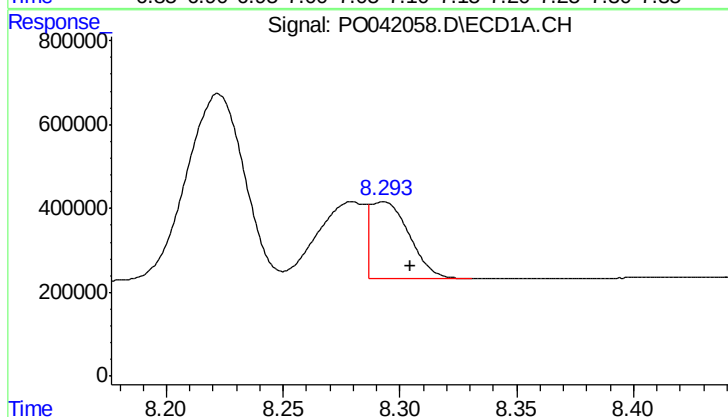
R.T.: 8.222 min
Delta R.T.: 0.000 min
Response: 7605096
Conc: 201.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



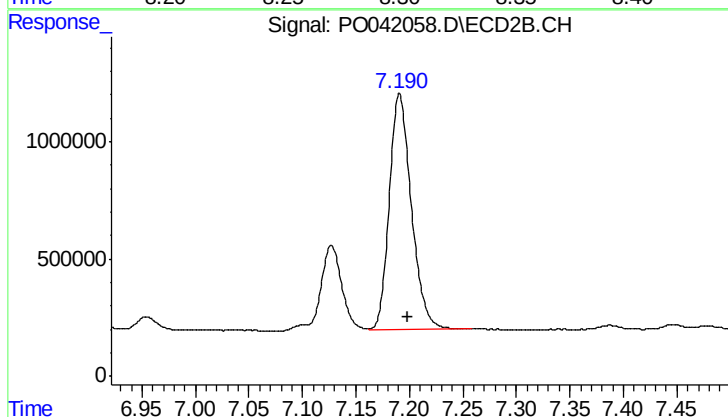
#41 AR-1268-1

R.T.: 7.127 min
Delta R.T.: -0.005 min
Response: 4883045
Conc: 66.63 ng/ml



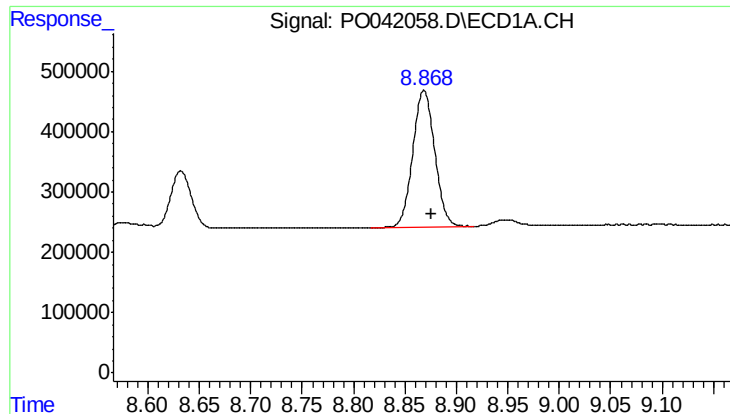
#42 AR-1268-2

R.T.: 8.293 min
Delta R.T.: -0.012 min
Response: 2156569
Conc: 65.00 ng/ml



#42 AR-1268-2

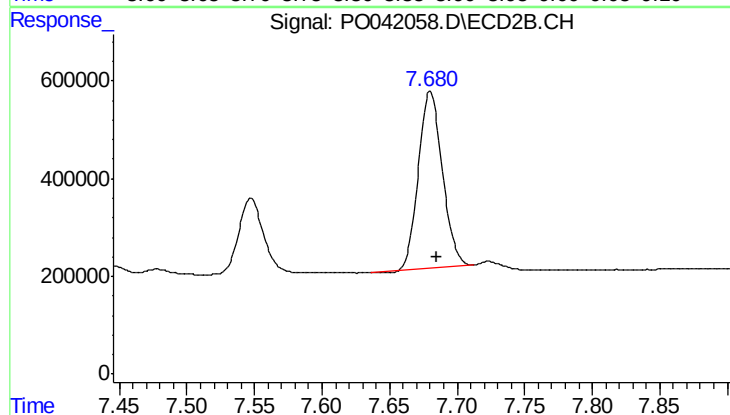
R.T.: 7.191 min
Delta R.T.: -0.007 min
Response: 14414207
Conc: 222.94 ng/ml



#44 AR-1268-4

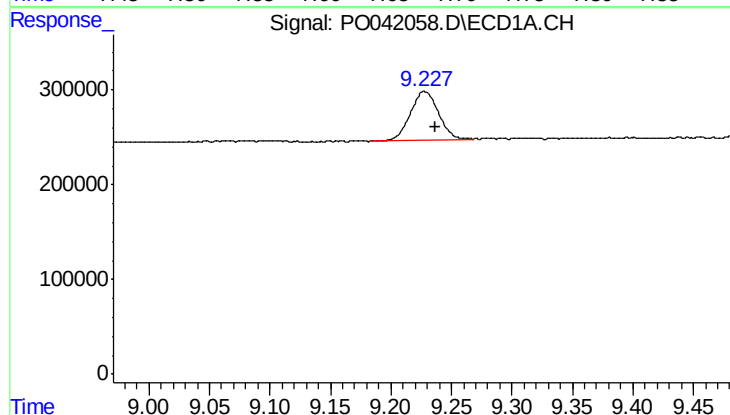
R.T.: 8.869 min
Delta R.T.: -0.008 min
Response: 3361295
Conc: 269.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



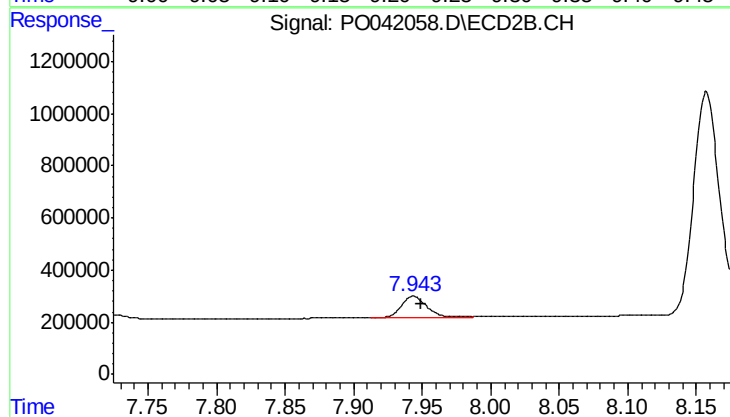
#44 AR-1268-4

R.T.: 7.680 min
Delta R.T.: -0.005 min
Response: 4471121
Conc: 201.27 ng/ml



#45 AR-1268-5

R.T.: 9.228 min
Delta R.T.: -0.009 min
Response: 825342
Conc: 10.22 ng/ml



#45 AR-1268-5

R.T.: 7.944 min
Delta R.T.: -0.005 min
Response: 1041447
Conc: 7.23 ng/ml