

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0083118\
 Data File : P0048687.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 31 Aug 2018 9:43
 Operator : SM/SJ
 Sample : J4705-05DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :
 42DL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 10:58:54 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0082418.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 24 08:17:51 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...	4.379	3.622	2755794	3233867	14.548	11.945
2) SA Decachlor...	10.056	8.593	1231883	1213754	7.154	7.247
Target Compounds						
3) L1 AR-1016-1	5.088	4.291	345196	98641	72.383	16.461 #
4) L1 AR-1016-2	5.280	4.719	821226	1868800	175.134	212.744
5) L1 AR-1016-3	5.548	4.719	316590	1868800	46.527	145.991 #
6) L1 AR-1016-4	5.639	4.802	240301	345438	39.527	42.120
7) L1 AR-1016-5	6.022	5.148	2064144	2646019	413.327	357.983
9) L2 AR-1221-2	4.684	0.000	49302	0	32.518	N.D. #
10) L2 AR-1221-3	0.000	4.025	0	4817753	N.D.	772.642 #
11) L3 AR-1232-1	5.571	4.477	1735252	945788	386.186	324.067
12) L3 AR-1232-2	5.727	4.719	593151	1868800	261.085	312.089
13) L3 AR-1232-3	5.818	4.976	2979261	2350242	1771.808	894.234 #
14) L3 AR-1232-4	6.398	5.295	7368375	1336850	4549.162	481.885 #
15) L3 AR-1232-5	6.464	5.538	2394940	1852759	1017.856	601.900 #
16) L4 AR-1242-1	5.088	4.313	345196	108327	144.095	30.977 #
17) L4 AR-1242-2	5.863	4.897	1809757	812755	499.313	148.585 #
18) L4 AR-1242-3	6.062	4.935	744291	3439372	431.332	819.575 #
19) L4 AR-1242-4	6.107	5.736	508582	2409152	394.205	546.553 #
20) L4 AR-1242-5	6.163	5.760	1210156	1169948	270.809	318.253
21) L5 AR-1248-1	5.818	4.935	2979261	3439372	504.683	453.856
22) L5 AR-1248-2	6.398	5.498	7368375	8076027	1267.741	613.422 #
23) L5 AR-1248-3	6.464	5.538	2394940	1852759	310.339	203.080 #
24) L5 AR-1248-4	6.464	5.736	2394940	2409152	326.948	305.238
25) L5 AR-1248-5	6.665	6.047	3015473	15753350	623.277	2628.146 #
26) L6 AR-1254-1	6.615	5.644	8783521	8254915	647.045	573.755
27) L6 AR-1254-2	6.895	5.957	5109565	5349011	619.089	461.844 #
28) L6 AR-1254-3	6.982	6.273	7041211	3438269	490.740	234.730 #
29) L6 AR-1254-4	7.265	6.588	3054575	1979130	277.936	201.109 #
30) L6 AR-1254-5	7.529	6.688	4612660	14241073	565.992	730.793 #
31) L7 AR-1260-1	7.143	6.174	7614911	11078875	764.449	799.997
32) L7 AR-1260-2	7.399	6.361	9511743	12043685	794.033	686.506
33) L7 AR-1260-3	7.683	6.514	11375336	9033478	828.835	589.144 #
34) L7 AR-1260-4	7.980	6.984	5915174	4860572	597.453	417.581 #
35) L7 AR-1260-5	8.296	7.223	9221637	13089627	483.058	483.399
36) L8 AR-1262-1	7.037	6.047	4355998	15753350	557.750	1482.028 #
37) L8 AR-1262-2	7.814	6.778	2429849	3881303	377.368	406.027
38) L8 AR-1262-3	8.062	7.081	2307137	2805098	334.144	297.098
39) L8 AR-1262-4	8.669	7.505	3007848	1993869	220.209	148.166 #

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 Operator : SM/SJ
 Sample : J4705-05DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

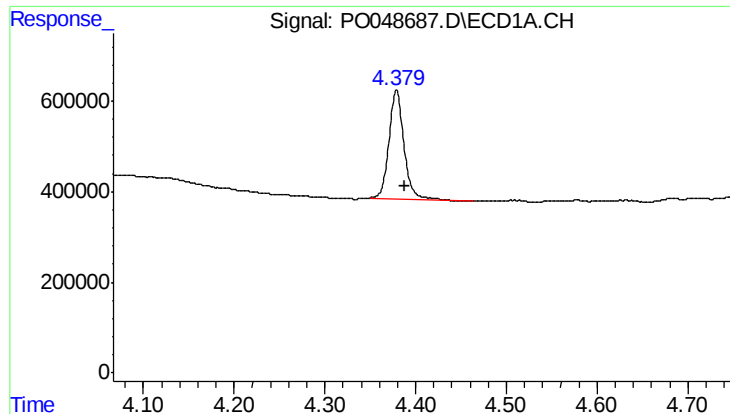
Instrument :
 ECD_O
 ClientSampleId :
 42DL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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
40)	L8 AR-1262-5	9.330	8.060	1981088	2090259	214.257	202.945
41)	L9 AR-1268-1	7.756	6.724	4478587	6788048	844.051	877.558
42)	L9 AR-1268-2	7.980	7.569	5915174	7626346	866.237	252.661 #
43)	L9 AR-1268-3	8.617	7.822	5479533	138760	212.394	5.587 #
44)	L9 AR-1268-4	0.000	7.822	0	138760	N.D.	21.210 #
45)	L9 AR-1268-5	9.729	8.345	395806	407399	6.521	6.544

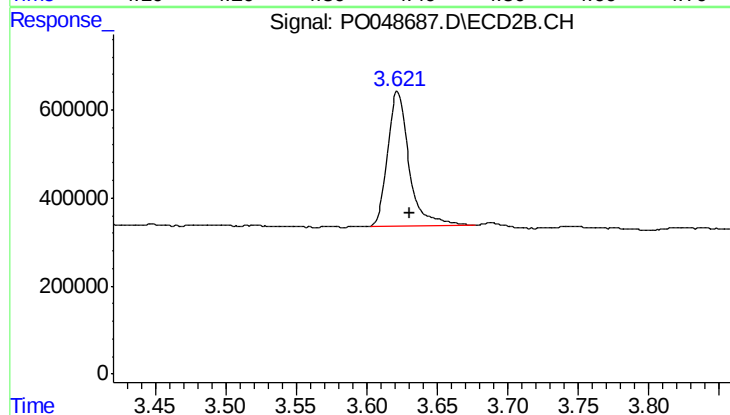
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

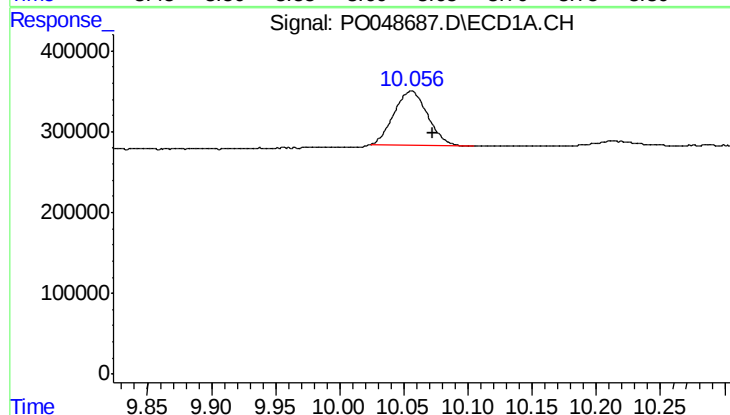
R.T.: 4.379 min
Delta R.T.: -0.009 min
Response: 2755794
Conc: 14.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
42DL



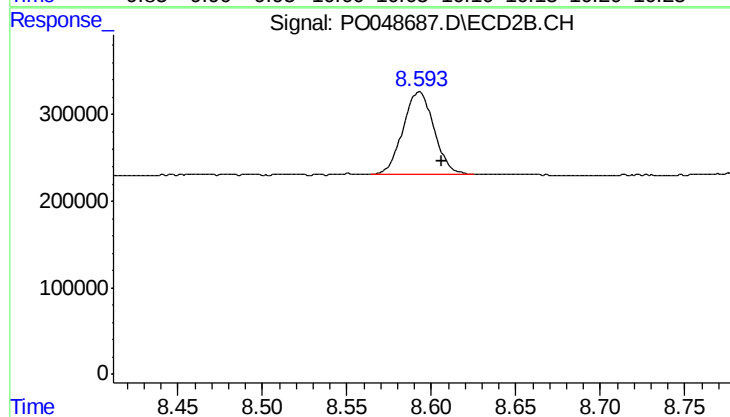
#1 Tetrachloro-m-xylene

R.T.: 3.622 min
Delta R.T.: -0.008 min
Response: 3233867
Conc: 11.95 ng/ml



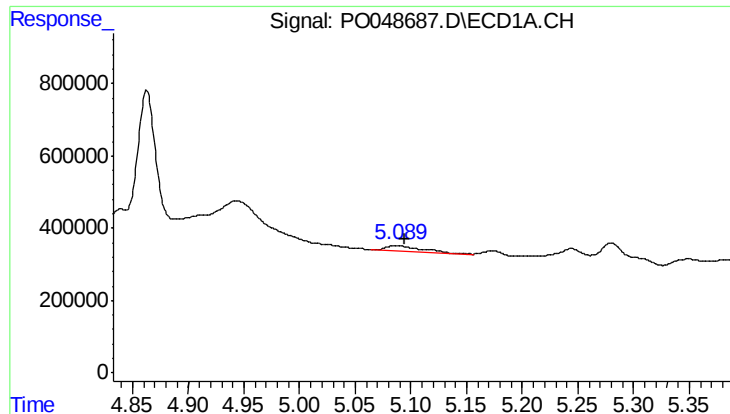
#2 Decachlorobiphenyl

R.T.: 10.056 min
Delta R.T.: -0.016 min
Response: 1231883
Conc: 7.15 ng/ml



#2 Decachlorobiphenyl

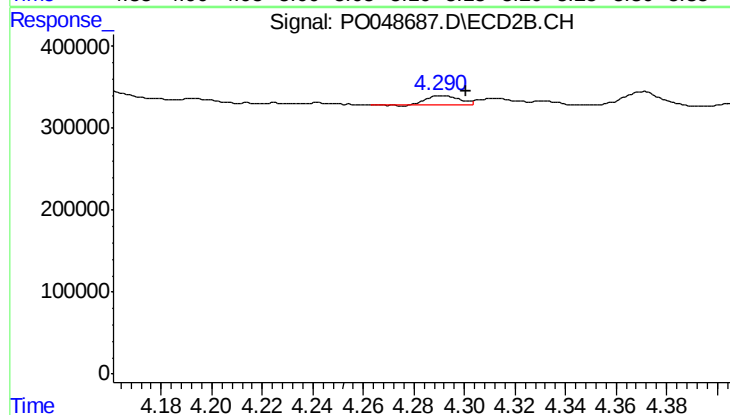
R.T.: 8.593 min
Delta R.T.: -0.013 min
Response: 1213754
Conc: 7.25 ng/ml



#3 AR-1016-1

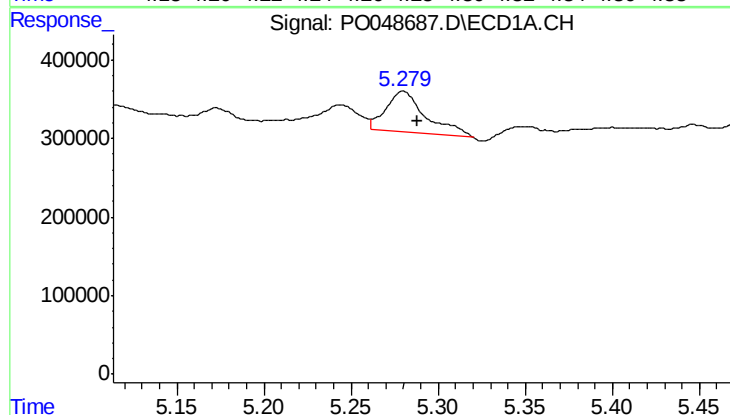
R.T.: 5.088 min
Delta R.T.: -0.007 min
Response: 345196
Conc: 72.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
42DL



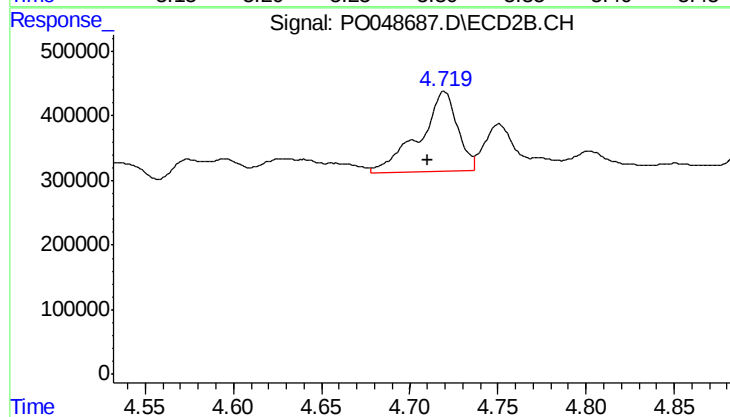
#3 AR-1016-1

R.T.: 4.291 min
Delta R.T.: -0.010 min
Response: 98641
Conc: 16.46 ng/ml



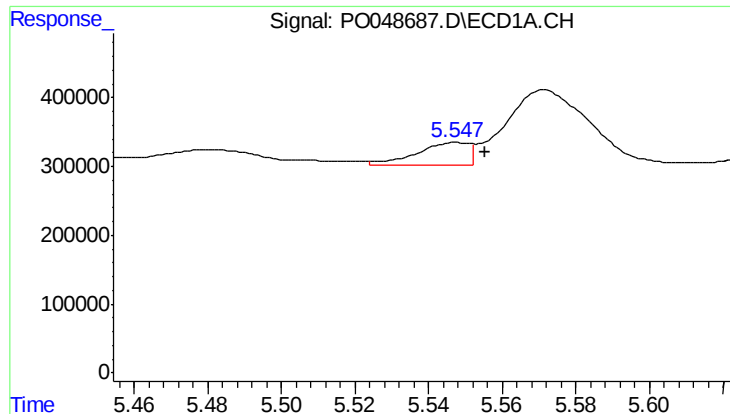
#4 AR-1016-2

R.T.: 5.280 min
Delta R.T.: -0.008 min
Response: 821226
Conc: 175.13 ng/ml



#4 AR-1016-2

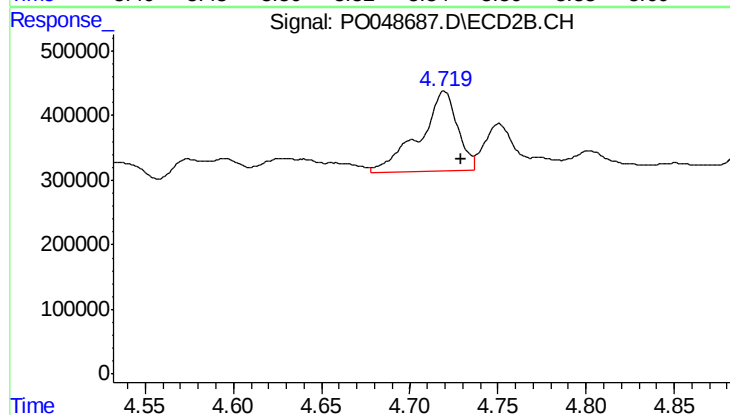
R.T.: 4.719 min
Delta R.T.: 0.009 min
Response: 1868800
Conc: 212.74 ng/ml



#5 AR-1016-3

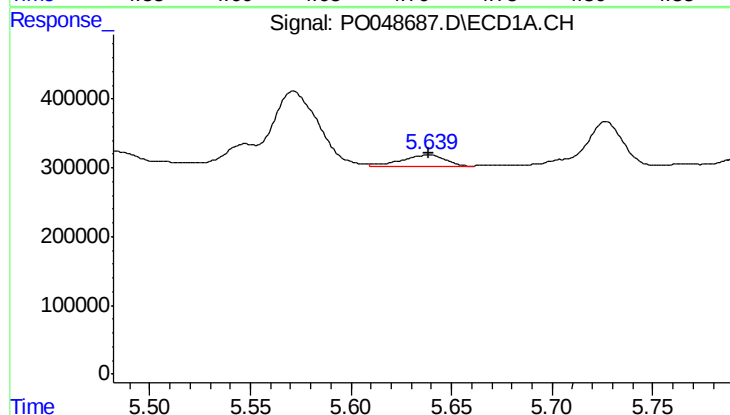
R.T.: 5.548 min
Delta R.T.: -0.008 min
Response: 316590
Conc: 46.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
42DL



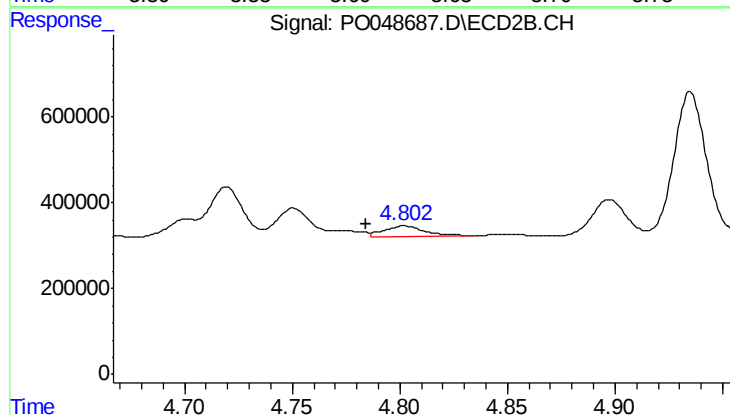
#5 AR-1016-3

R.T.: 4.719 min
Delta R.T.: -0.009 min
Response: 1868800
Conc: 145.99 ng/ml



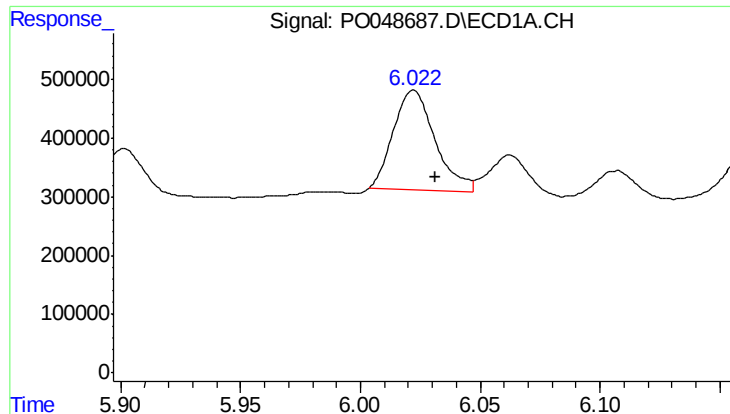
#6 AR-1016-4

R.T.: 5.639 min
Delta R.T.: 0.000 min
Response: 240301
Conc: 39.53 ng/ml



#6 AR-1016-4

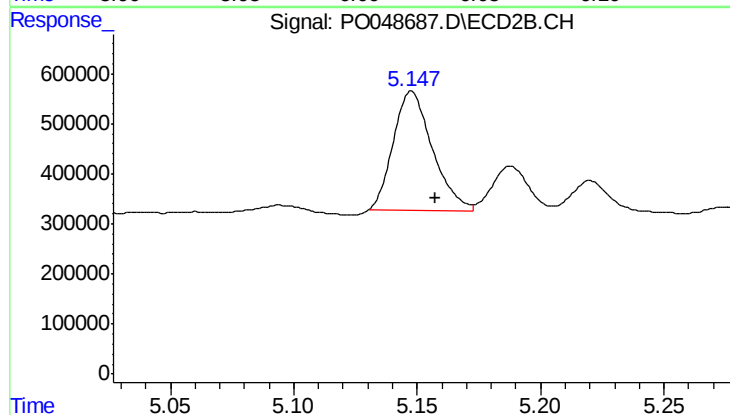
R.T.: 4.802 min
Delta R.T.: 0.018 min
Response: 345438
Conc: 42.12 ng/ml



#7 AR-1016-5

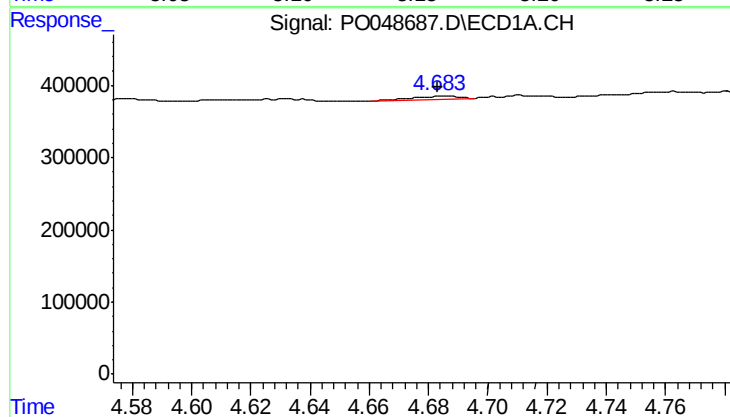
R.T.: 6.022 min
Delta R.T.: -0.009 min
Response: 2064144
Conc: 413.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
42DL



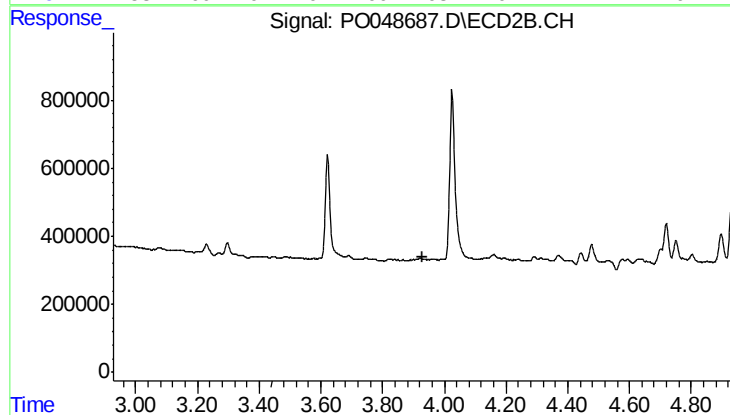
#7 AR-1016-5

R.T.: 5.148 min
Delta R.T.: -0.010 min
Response: 2646019
Conc: 357.98 ng/ml



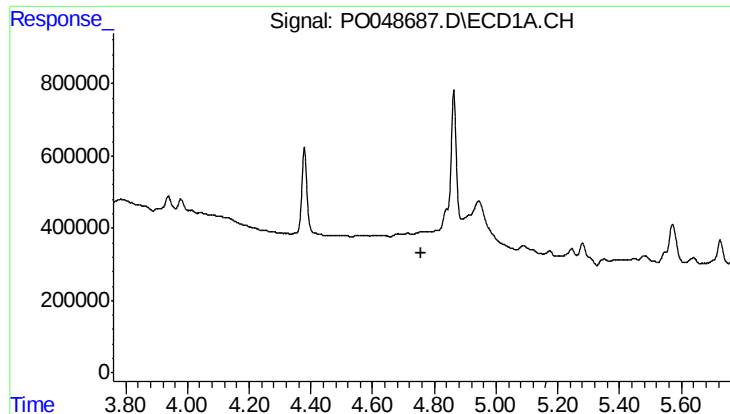
#9 AR-1221-2

R.T.: 4.684 min
Delta R.T.: 0.001 min
Response: 49302
Conc: 32.52 ng/ml



#9 AR-1221-2

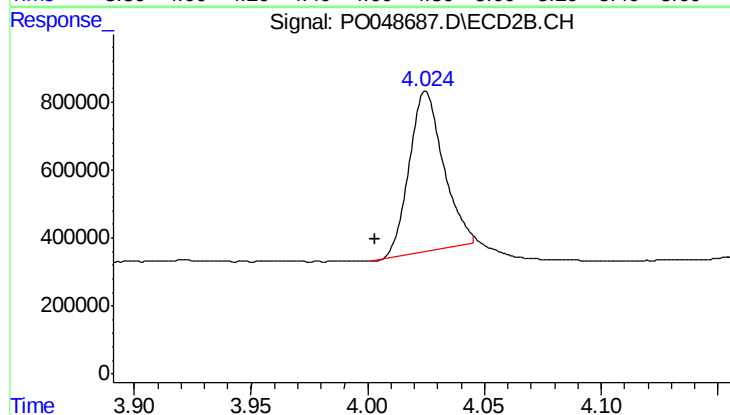
R.T.: 0.000 min
Exp R.T.: 3.927 min
Response: 0
Conc: N.D.



#10 AR-1221-3

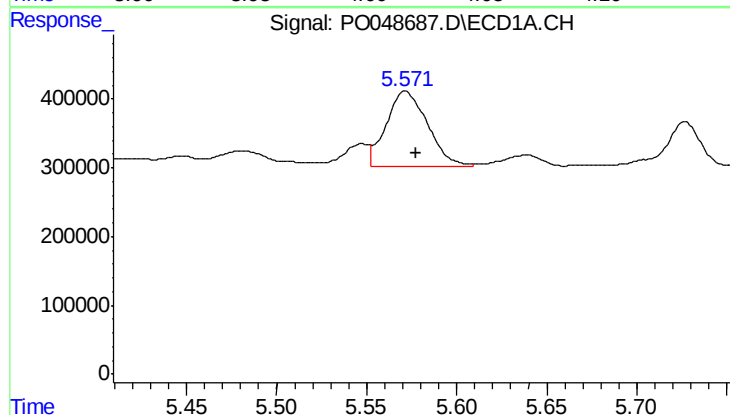
R.T.: 0.000 min
Exp R.T.: 4.759 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
42DL



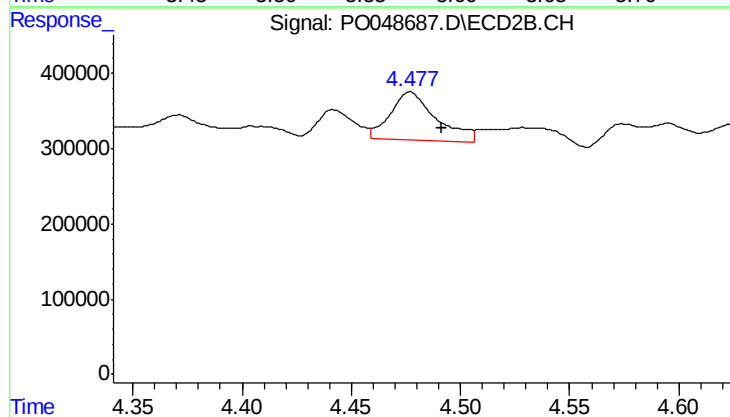
#10 AR-1221-3

R.T.: 4.025 min
Delta R.T.: 0.022 min
Response: 4817753
Conc: 772.64 ng/ml



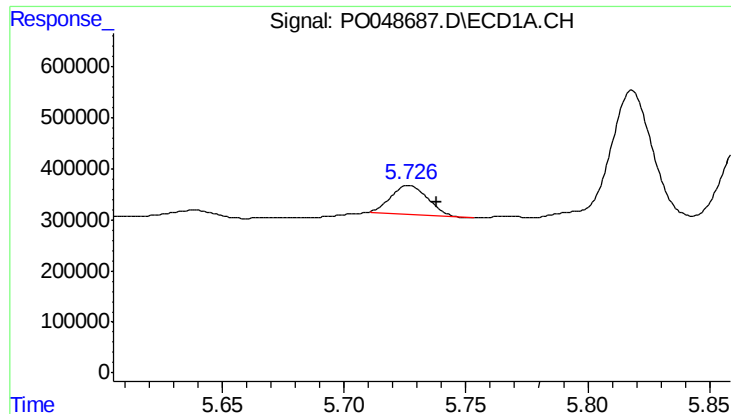
#11 AR-1232-1

R.T.: 5.571 min
Delta R.T.: -0.006 min
Response: 1735252
Conc: 386.19 ng/ml



#11 AR-1232-1

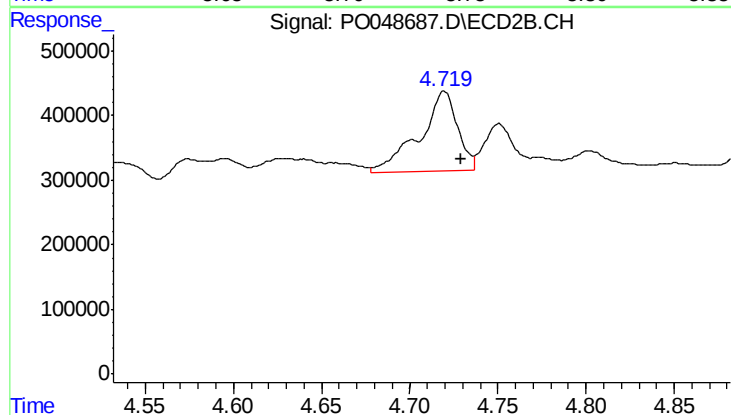
R.T.: 4.477 min
Delta R.T.: -0.014 min
Response: 945788
Conc: 324.07 ng/ml



#12 AR-1232-2

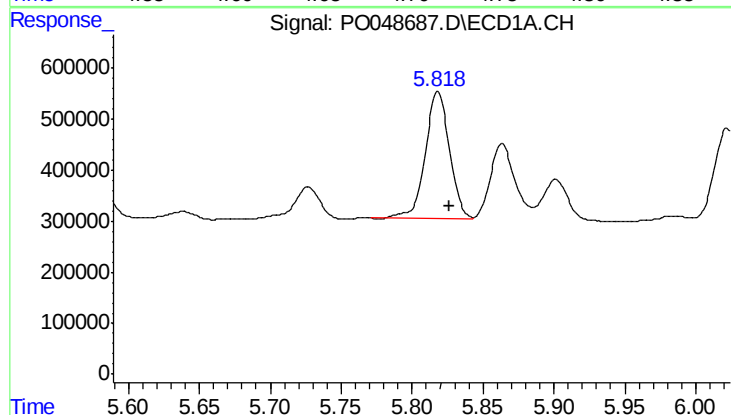
R.T.: 5.727 min
Delta R.T.: -0.011 min
Response: 593151
Conc: 261.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
42DL



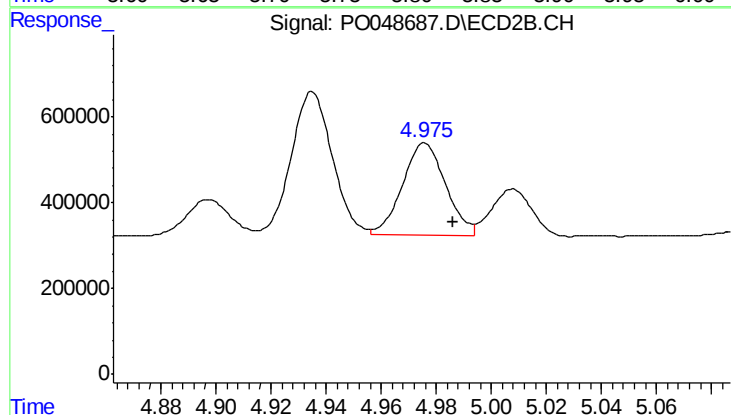
#12 AR-1232-2

R.T.: 4.719 min
Delta R.T.: -0.010 min
Response: 1868800
Conc: 312.09 ng/ml



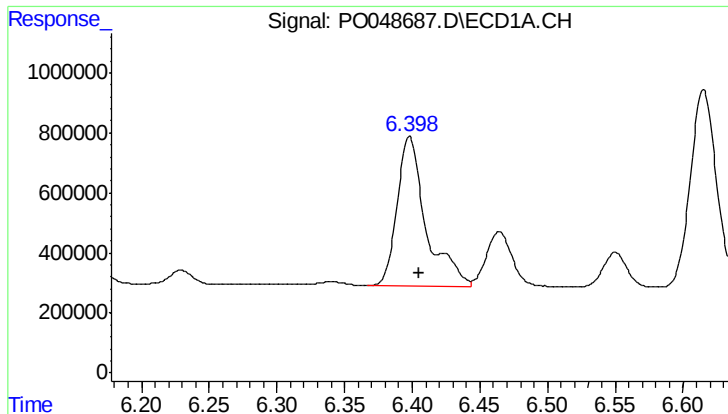
#13 AR-1232-3

R.T.: 5.818 min
Delta R.T.: -0.008 min
Response: 2979261
Conc: 1771.81 ng/ml



#13 AR-1232-3

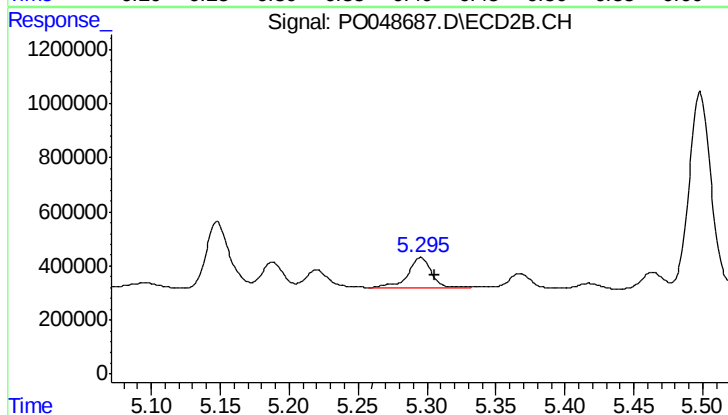
R.T.: 4.976 min
Delta R.T.: -0.010 min
Response: 2350242
Conc: 894.23 ng/ml



#14 AR-1232-4

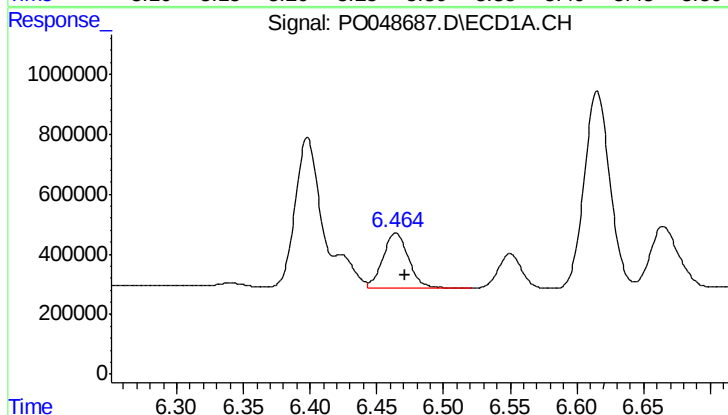
R.T.: 6.398 min
Delta R.T.: -0.007 min
Response: 7368375
Conc: 4549.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
42DL



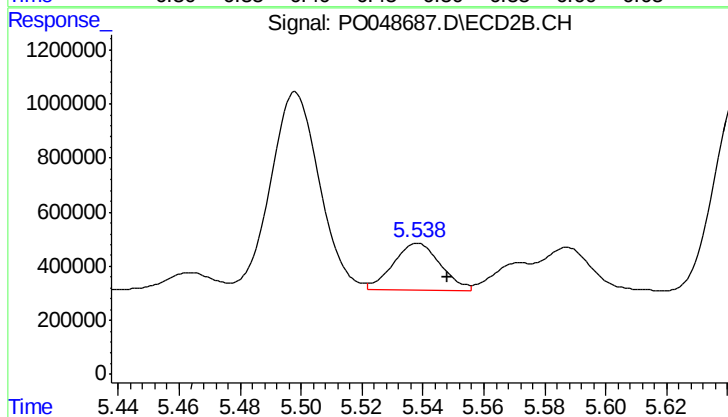
#14 AR-1232-4

R.T.: 5.295 min
Delta R.T.: -0.010 min
Response: 1336850
Conc: 481.88 ng/ml



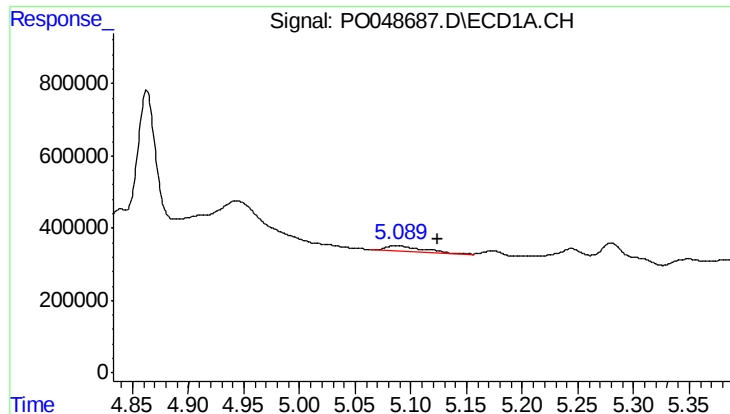
#15 AR-1232-5

R.T.: 6.464 min
Delta R.T.: -0.007 min
Response: 2394940
Conc: 1017.86 ng/ml



#15 AR-1232-5

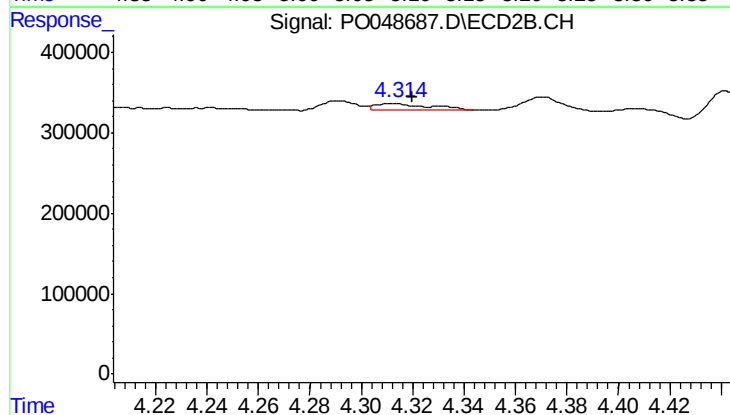
R.T.: 5.538 min
Delta R.T.: -0.010 min
Response: 1852759
Conc: 601.90 ng/ml



#16 AR-1242-1

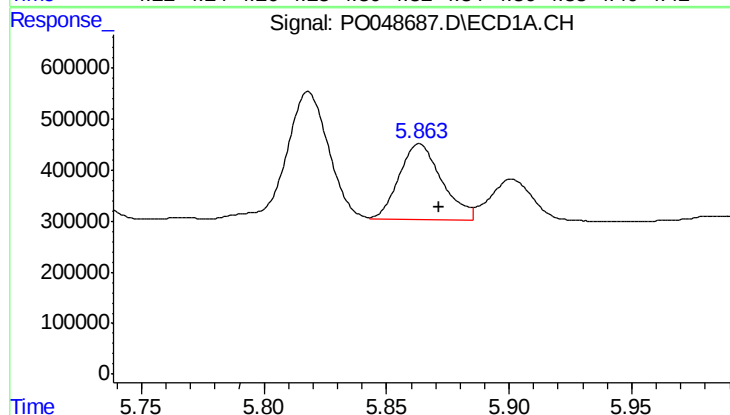
R.T.: 5.088 min
Delta R.T.: -0.037 min
Response: 345196
Conc: 144.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
42DL



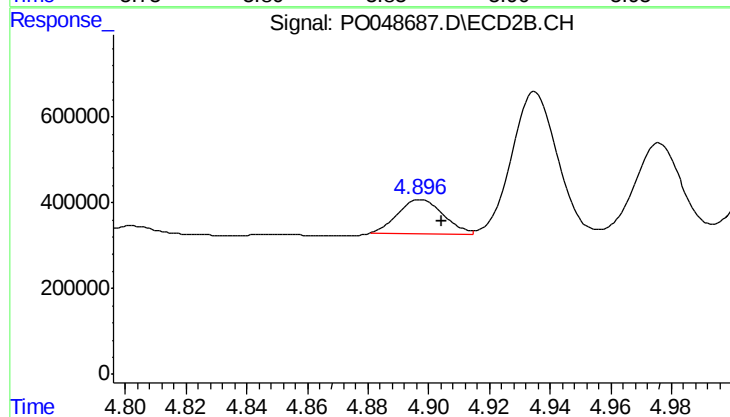
#16 AR-1242-1

R.T.: 4.313 min
Delta R.T.: -0.006 min
Response: 108327
Conc: 30.98 ng/ml



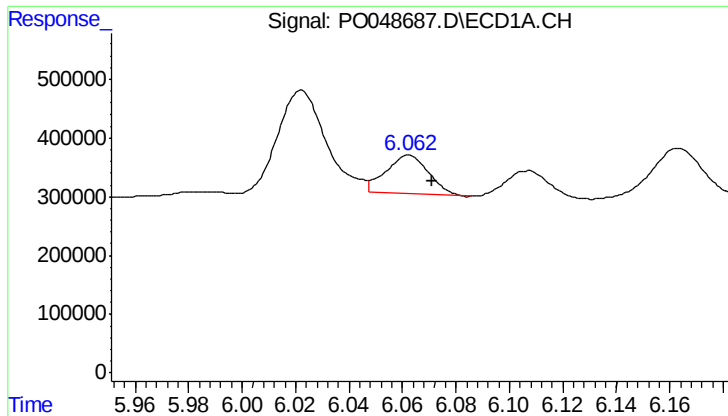
#17 AR-1242-2

R.T.: 5.863 min
Delta R.T.: -0.008 min
Response: 1809757
Conc: 499.31 ng/ml



#17 AR-1242-2

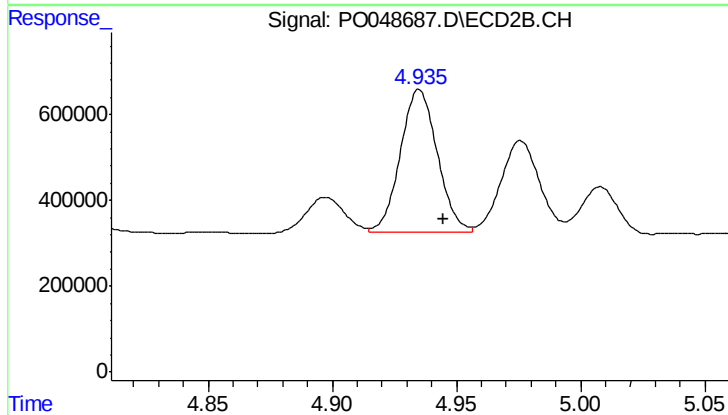
R.T.: 4.897 min
Delta R.T.: -0.007 min
Response: 812755
Conc: 148.59 ng/ml



#18 AR-1242-3

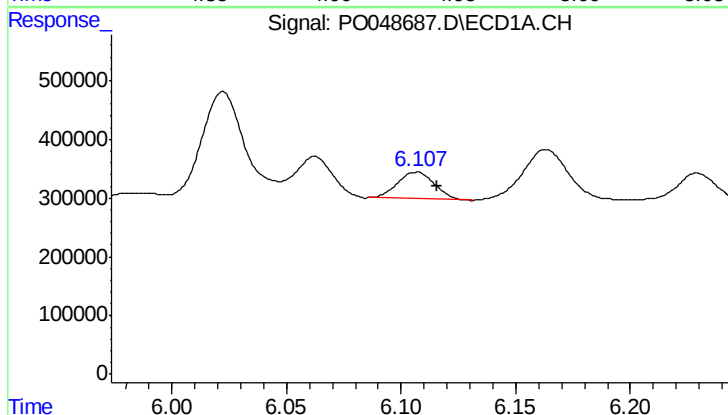
R.T.: 6.062 min
Delta R.T.: -0.009 min
Response: 744291
Conc: 431.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
42DL



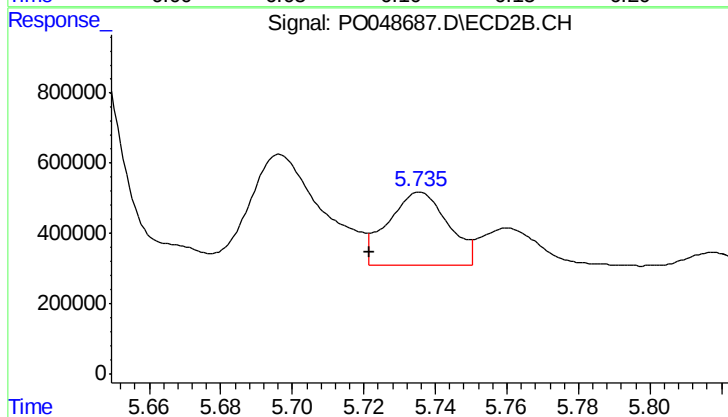
#18 AR-1242-3

R.T.: 4.935 min
Delta R.T.: -0.010 min
Response: 3439372
Conc: 819.57 ng/ml



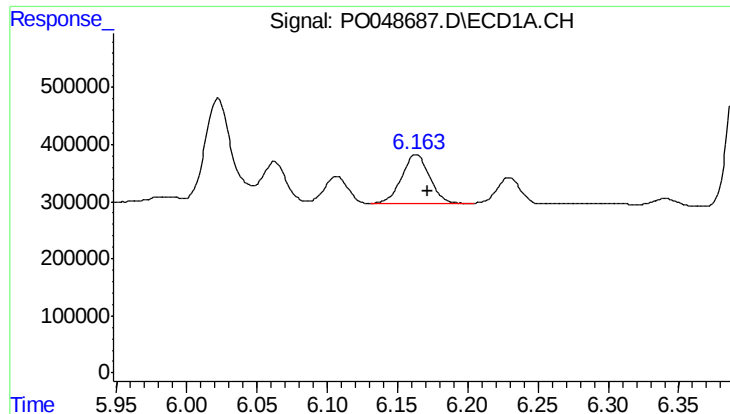
#19 AR-1242-4

R.T.: 6.107 min
Delta R.T.: -0.009 min
Response: 508582
Conc: 394.20 ng/ml



#19 AR-1242-4

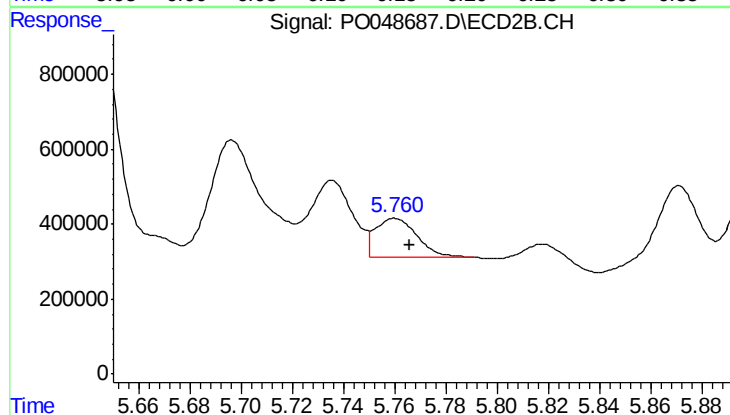
R.T.: 5.736 min
Delta R.T.: 0.014 min
Response: 2409152
Conc: 546.55 ng/ml



#20 AR-1242-5

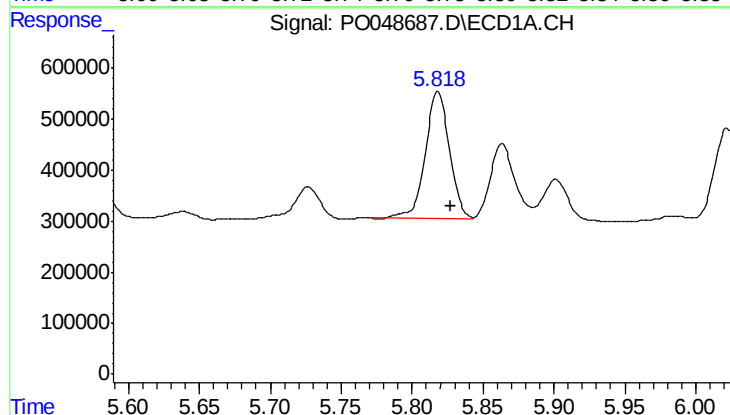
R.T.: 6.163 min
Delta R.T.: -0.008 min
Response: 1210156
Conc: 270.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
42DL



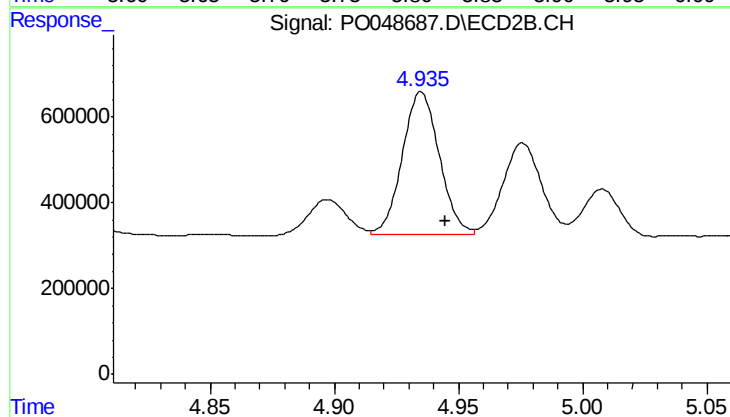
#20 AR-1242-5

R.T.: 5.760 min
Delta R.T.: -0.006 min
Response: 1169948
Conc: 318.25 ng/ml



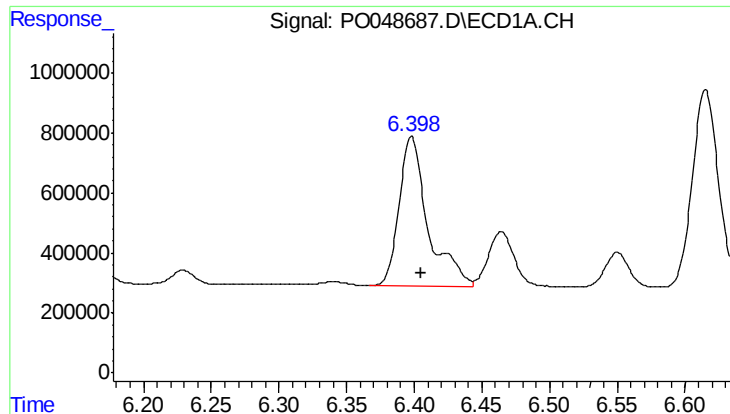
#21 AR-1248-1

R.T.: 5.818 min
Delta R.T.: -0.009 min
Response: 2979261
Conc: 504.68 ng/ml



#21 AR-1248-1

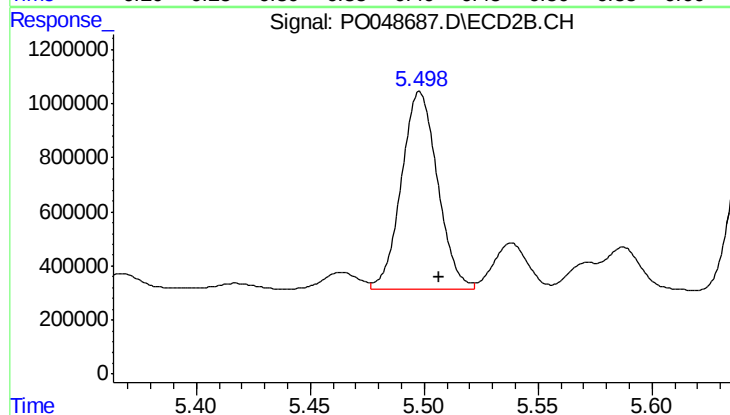
R.T.: 4.935 min
Delta R.T.: -0.010 min
Response: 3439372
Conc: 453.86 ng/ml



#22 AR-1248-2

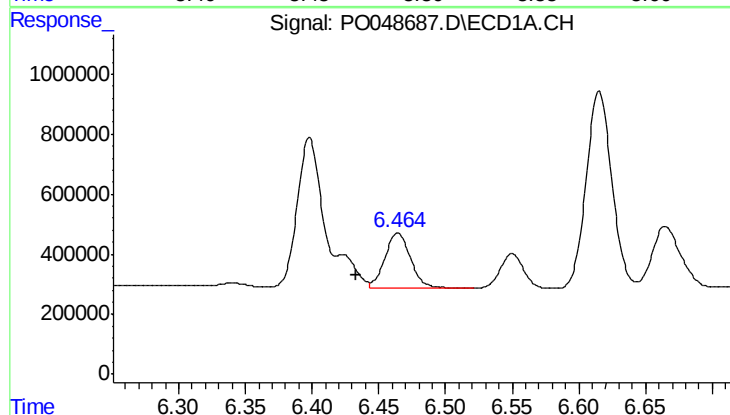
R.T.: 6.398 min
Delta R.T.: -0.007 min
Response: 7368375
Conc: 1267.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
42DL



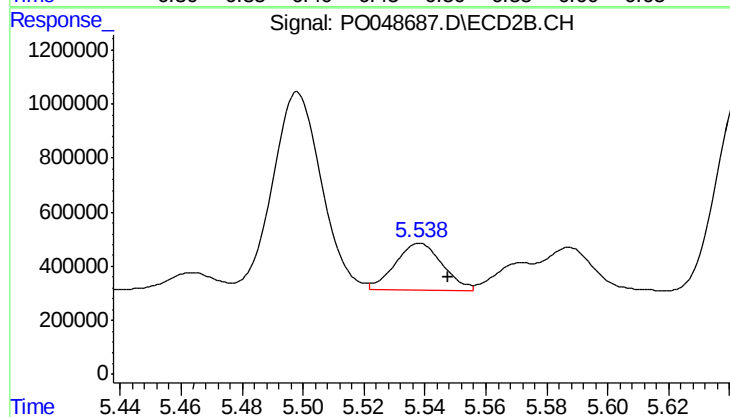
#22 AR-1248-2

R.T.: 5.498 min
Delta R.T.: -0.009 min
Response: 8076027
Conc: 613.42 ng/ml



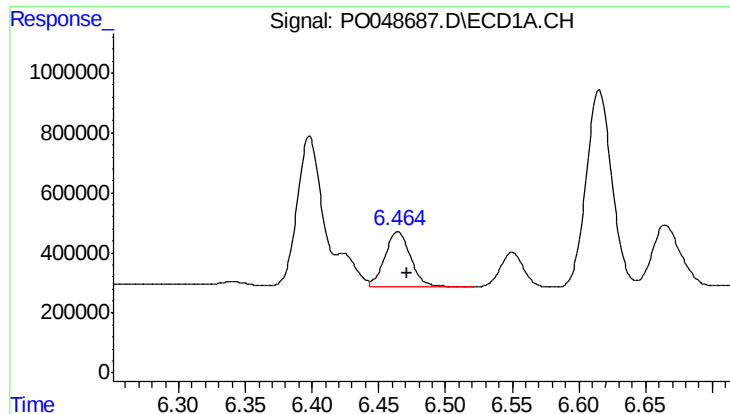
#23 AR-1248-3

R.T.: 6.464 min
Delta R.T.: 0.031 min
Response: 2394940
Conc: 310.34 ng/ml



#23 AR-1248-3

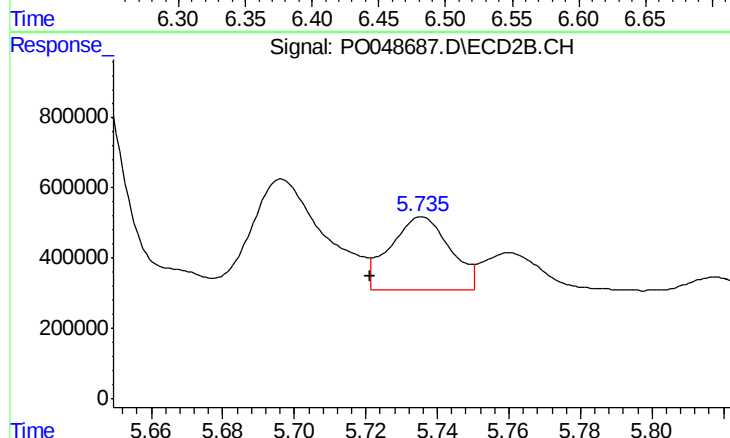
R.T.: 5.538 min
Delta R.T.: -0.009 min
Response: 1852759
Conc: 203.08 ng/ml



#24 AR-1248-4

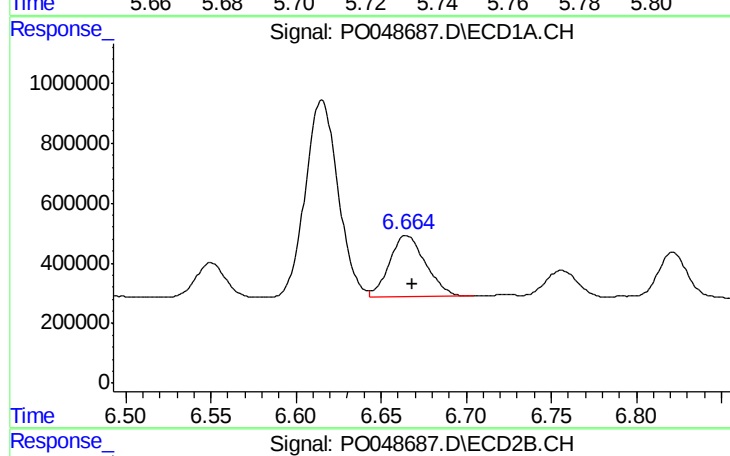
R.T.: 6.464 min
Delta R.T.: -0.007 min
Response: 2394940
Conc: 326.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
42DL



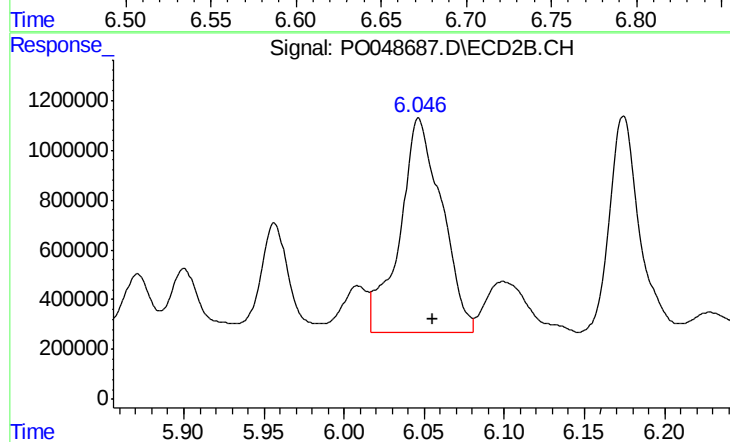
#24 AR-1248-4

R.T.: 5.736 min
Delta R.T.: 0.014 min
Response: 2409152
Conc: 305.24 ng/ml



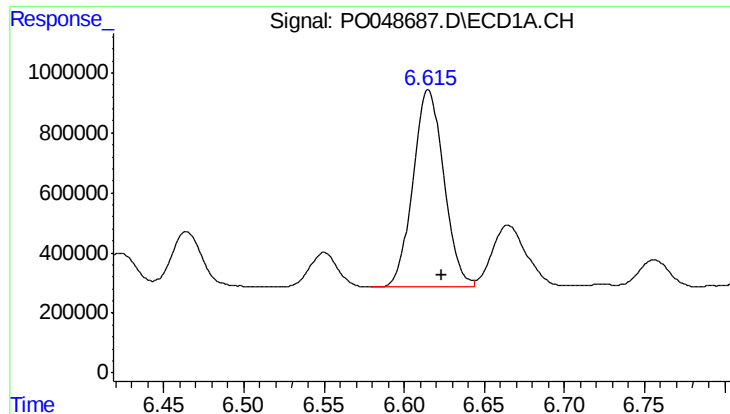
#25 AR-1248-5

R.T.: 6.665 min
Delta R.T.: -0.003 min
Response: 3015473
Conc: 623.28 ng/ml



#25 AR-1248-5

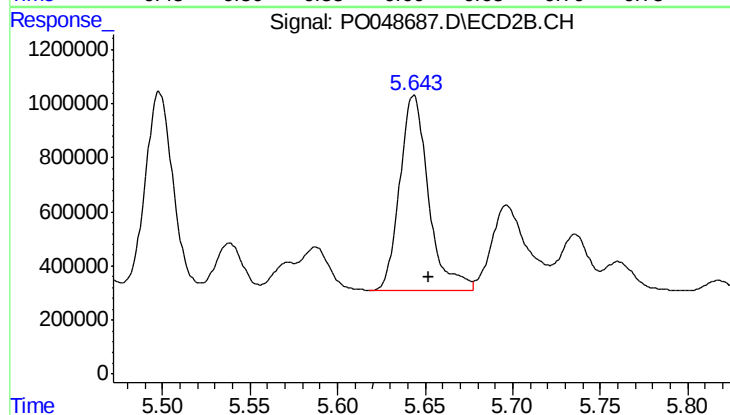
R.T.: 6.047 min
Delta R.T.: -0.009 min
Response: 15753350
Conc: 2628.15 ng/ml



#26 AR-1254-1

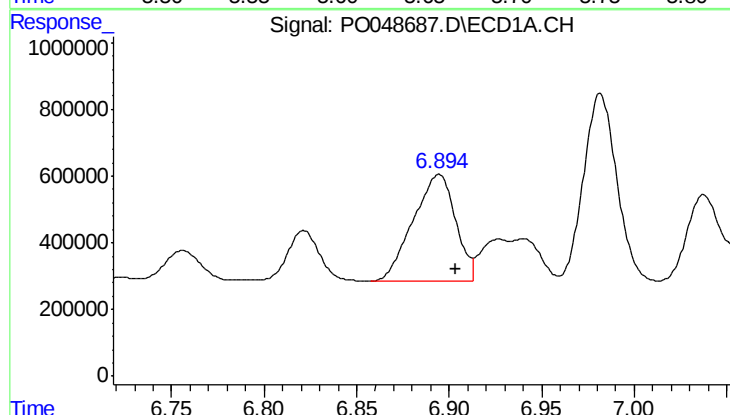
R.T.: 6.615 min
Delta R.T.: -0.008 min
Response: 8783521
Conc: 647.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
42DL



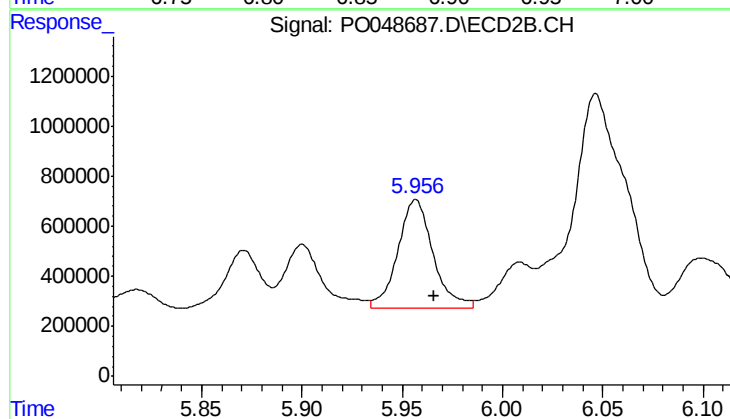
#26 AR-1254-1

R.T.: 5.644 min
Delta R.T.: -0.009 min
Response: 8254915
Conc: 573.76 ng/ml



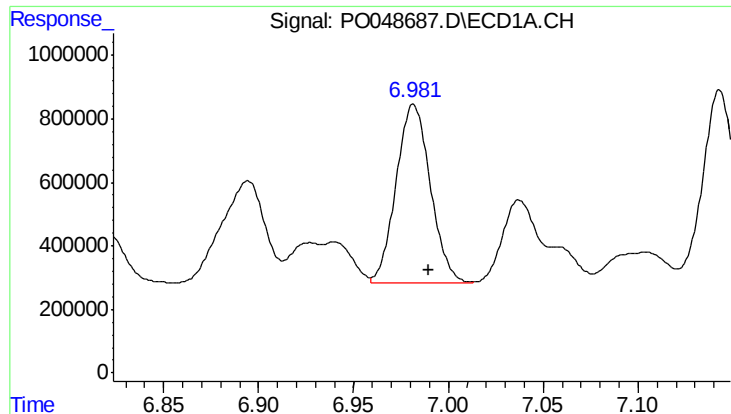
#27 AR-1254-2

R.T.: 6.895 min
Delta R.T.: -0.009 min
Response: 5109565
Conc: 619.09 ng/ml



#27 AR-1254-2

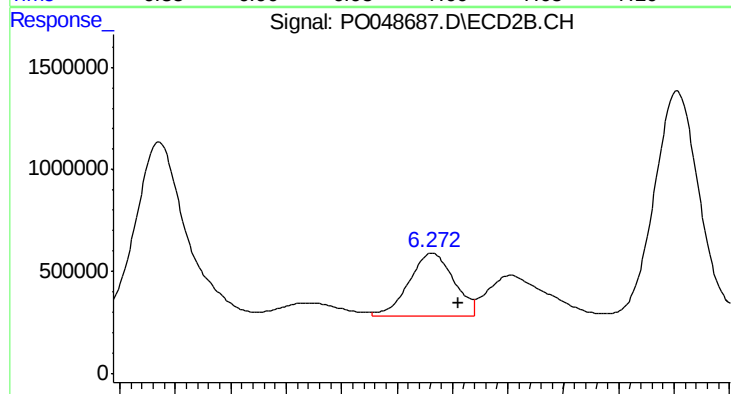
R.T.: 5.957 min
Delta R.T.: -0.009 min
Response: 5349011
Conc: 461.84 ng/ml



#28 AR-1254-3

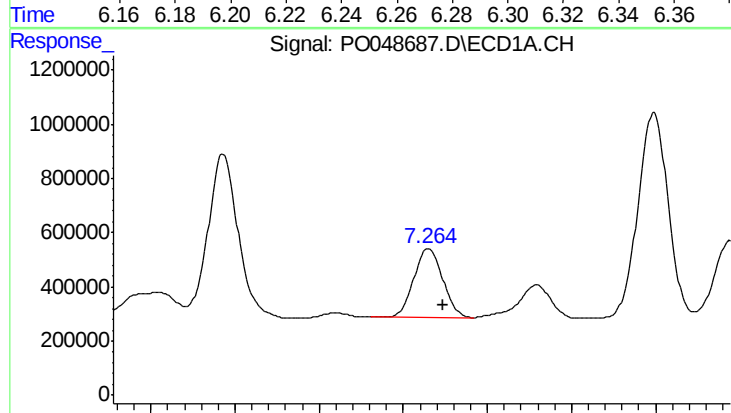
R.T.: 6.982 min
Delta R.T.: -0.008 min
Response: 7041211
Conc: 490.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
42DL



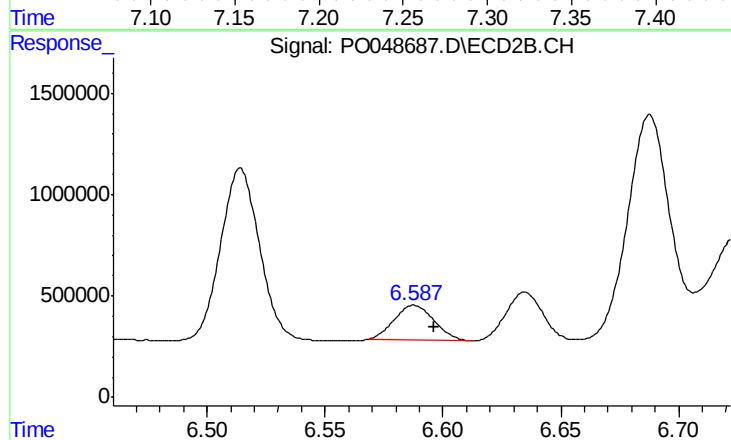
#28 AR-1254-3

R.T.: 6.273 min
Delta R.T.: -0.010 min
Response: 3438269
Conc: 234.73 ng/ml



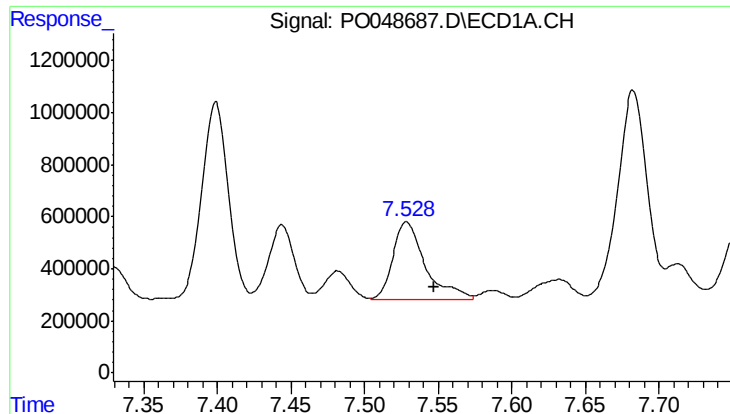
#29 AR-1254-4

R.T.: 7.265 min
Delta R.T.: -0.009 min
Response: 3054575
Conc: 277.94 ng/ml



#29 AR-1254-4

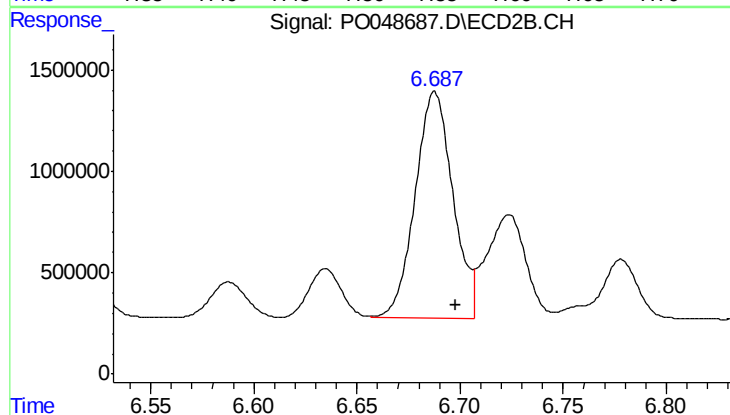
R.T.: 6.588 min
Delta R.T.: -0.009 min
Response: 1979130
Conc: 201.11 ng/ml



#30 AR-1254-5

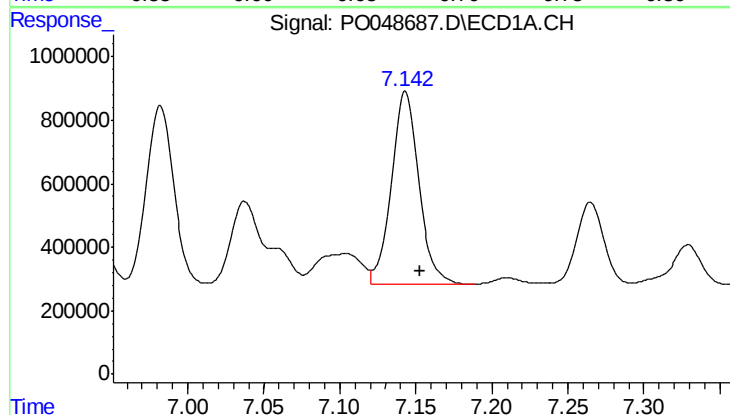
R.T.: 7.529 min
Delta R.T.: -0.018 min
Response: 4612660
Conc: 565.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
42DL



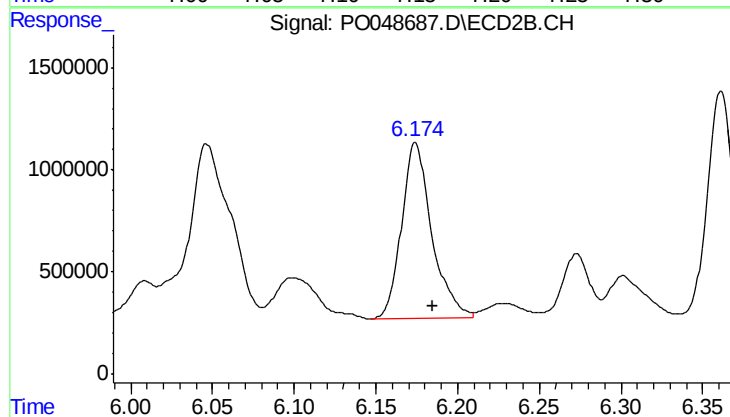
#30 AR-1254-5

R.T.: 6.688 min
Delta R.T.: -0.010 min
Response: 14241073
Conc: 730.79 ng/ml



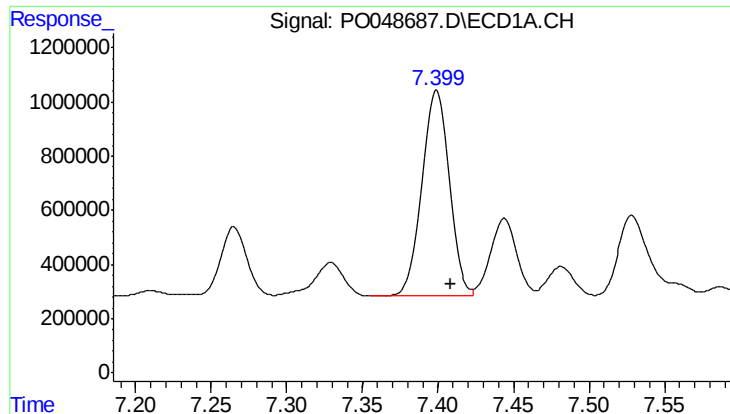
#31 AR-1260-1

R.T.: 7.143 min
Delta R.T.: -0.010 min
Response: 7614911
Conc: 764.45 ng/ml



#31 AR-1260-1

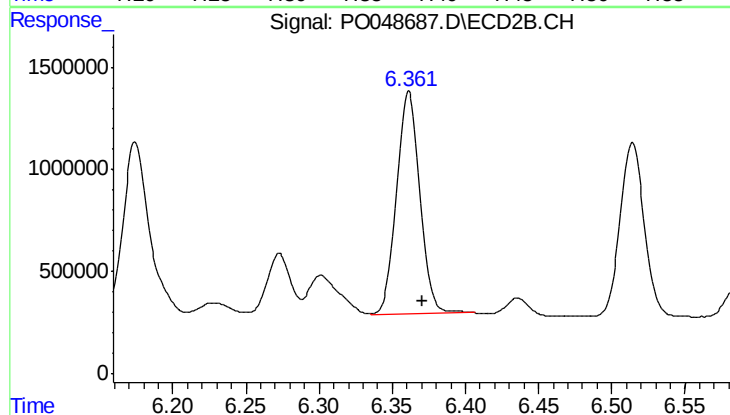
R.T.: 6.174 min
Delta R.T.: -0.010 min
Response: 11078875
Conc: 800.00 ng/ml



#32 AR-1260-2

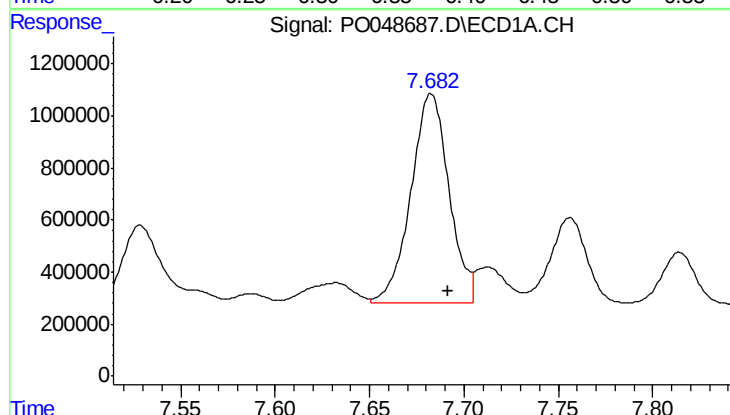
R.T.: 7.399 min
Delta R.T.: -0.009 min
Response: 9511743
Conc: 794.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
42DL



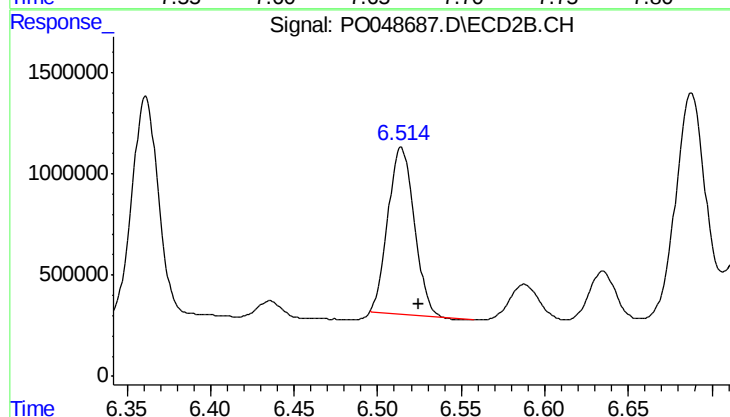
#32 AR-1260-2

R.T.: 6.361 min
Delta R.T.: -0.010 min
Response: 12043685
Conc: 686.51 ng/ml



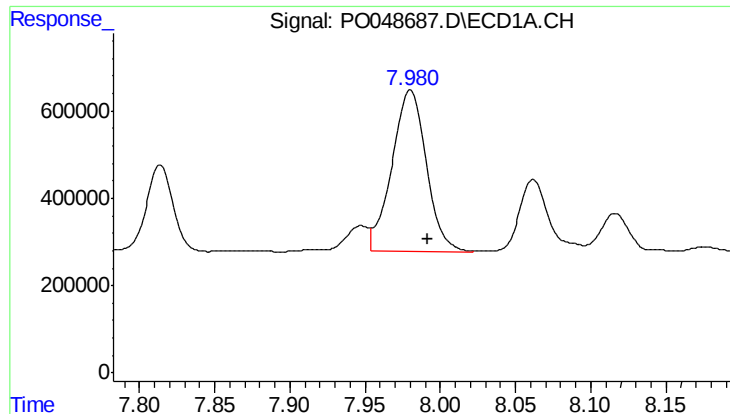
#33 AR-1260-3

R.T.: 7.683 min
Delta R.T.: -0.009 min
Response: 11375336
Conc: 828.83 ng/ml



#33 AR-1260-3

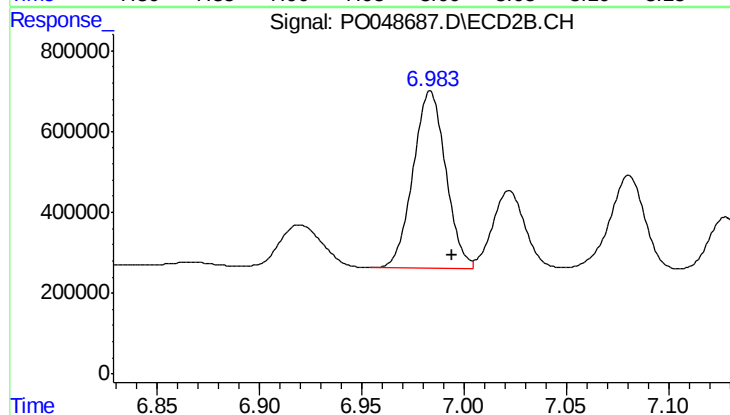
R.T.: 6.514 min
Delta R.T.: -0.010 min
Response: 9033478
Conc: 589.14 ng/ml



#34 AR-1260-4

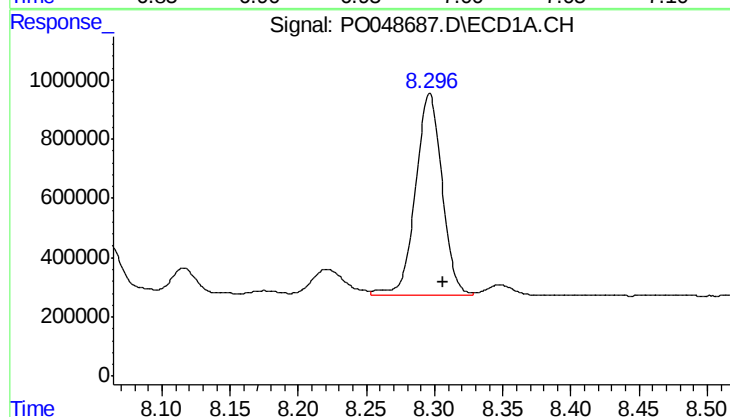
R.T.: 7.980 min
Delta R.T.: -0.011 min
Response: 5915174
Conc: 597.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
42DL



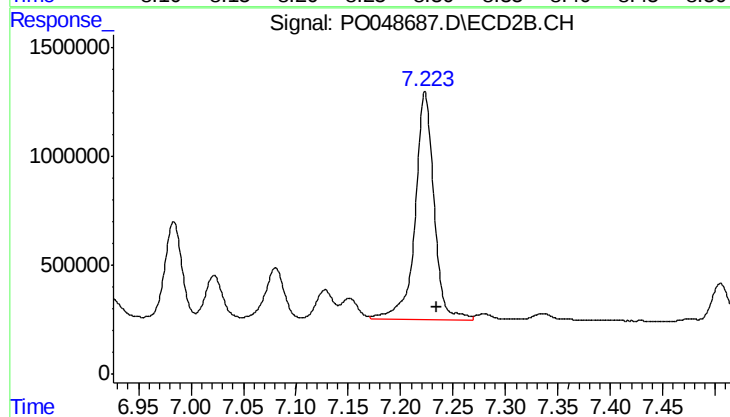
#34 AR-1260-4

R.T.: 6.984 min
Delta R.T.: -0.011 min
Response: 4860572
Conc: 417.58 ng/ml



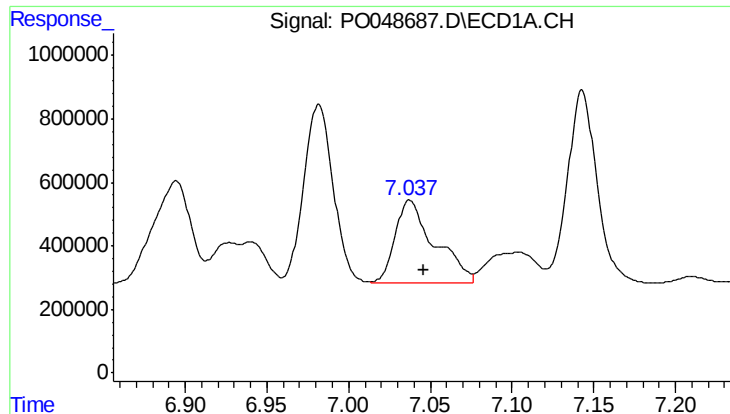
#35 AR-1260-5

R.T.: 8.296 min
Delta R.T.: -0.010 min
Response: 9221637
Conc: 483.06 ng/ml



#35 AR-1260-5

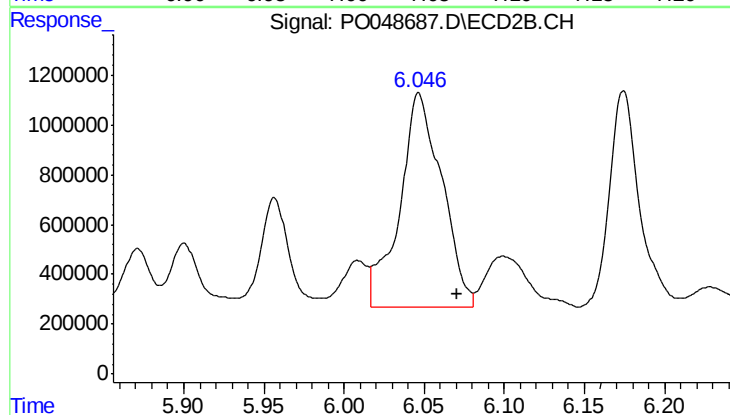
R.T.: 7.223 min
Delta R.T.: -0.011 min
Response: 13089627
Conc: 483.40 ng/ml



#36 AR-1262-1

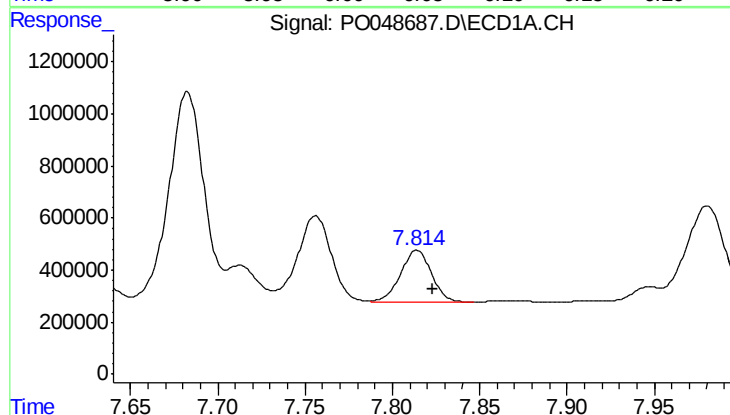
R.T.: 7.037 min
Delta R.T.: -0.009 min
Response: 4355998
Conc: 557.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
42DL



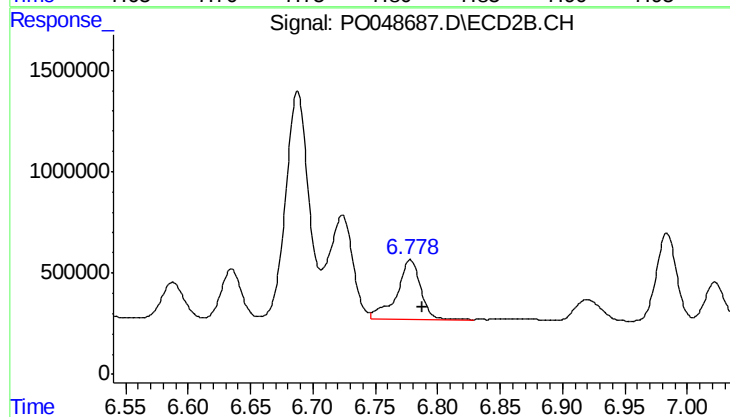
#36 AR-1262-1

R.T.: 6.047 min
Delta R.T.: -0.024 min
Response: 15753350
Conc: 1482.03 ng/ml



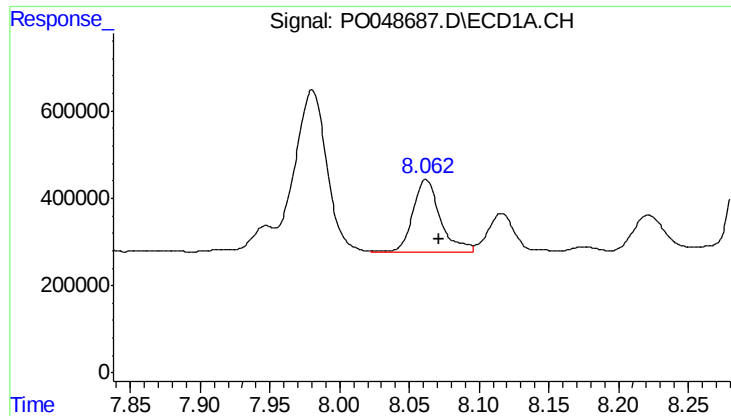
#37 AR-1262-2

R.T.: 7.814 min
Delta R.T.: -0.009 min
Response: 2429849
Conc: 377.37 ng/ml



#37 AR-1262-2

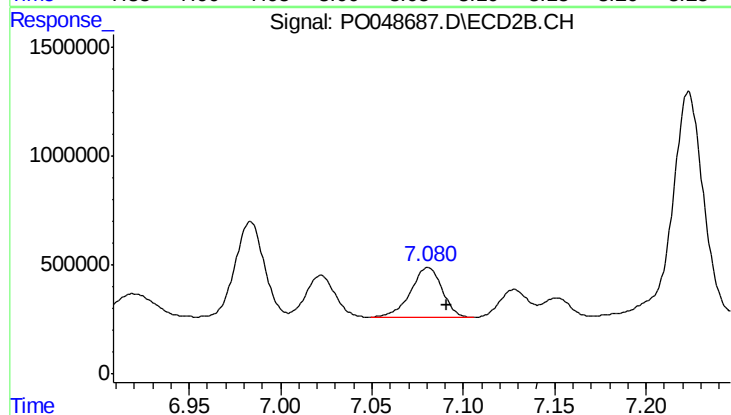
R.T.: 6.778 min
Delta R.T.: -0.010 min
Response: 3881303
Conc: 406.03 ng/ml



#38 AR-1262-3

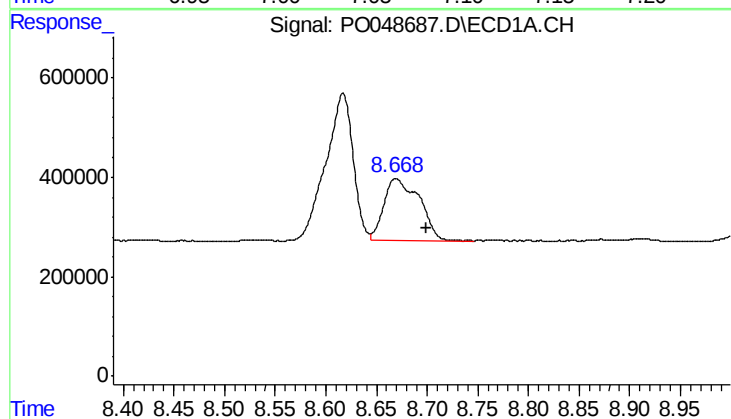
R.T.: 8.062 min
Delta R.T.: -0.009 min
Response: 2307137
Conc: 334.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
42DL



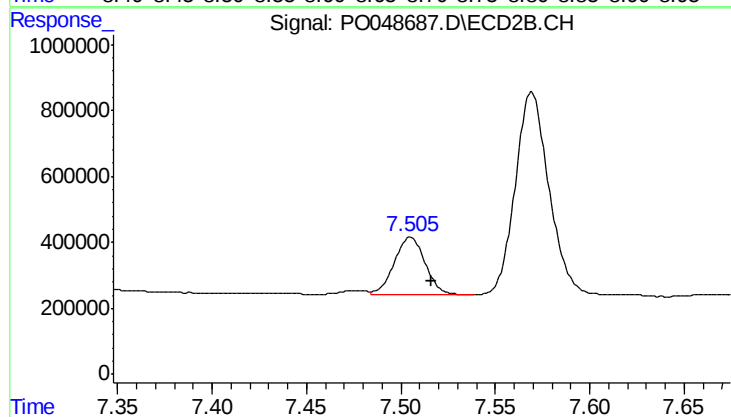
#38 AR-1262-3

R.T.: 7.081 min
Delta R.T.: -0.010 min
Response: 2805098
Conc: 297.10 ng/ml



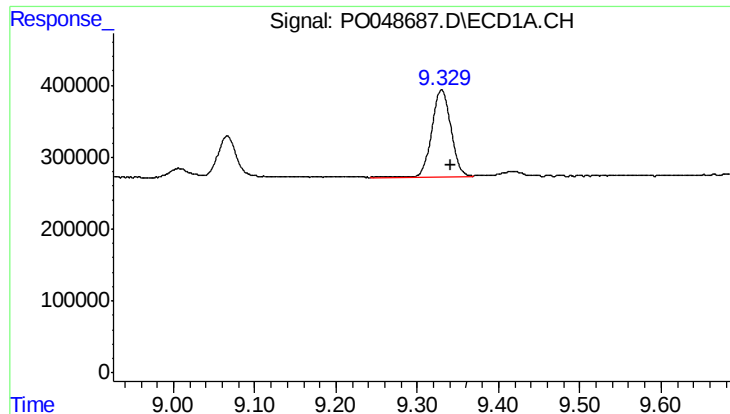
#39 AR-1262-4

R.T.: 8.669 min
Delta R.T.: -0.030 min
Response: 3007848
Conc: 220.21 ng/ml



#39 AR-1262-4

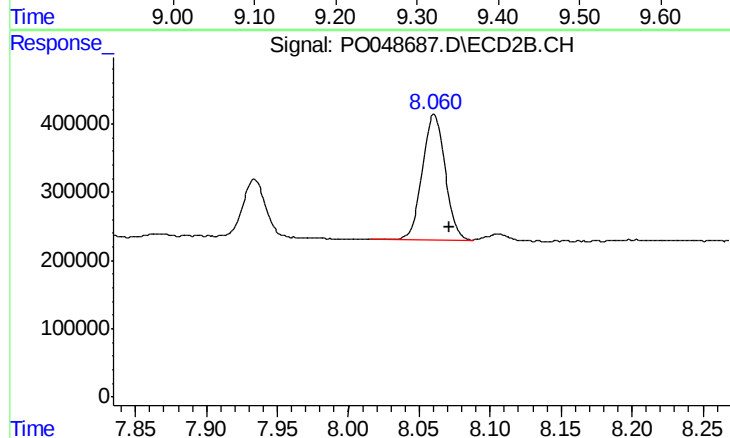
R.T.: 7.505 min
Delta R.T.: -0.011 min
Response: 1993869
Conc: 148.17 ng/ml



#40 AR-1262-5

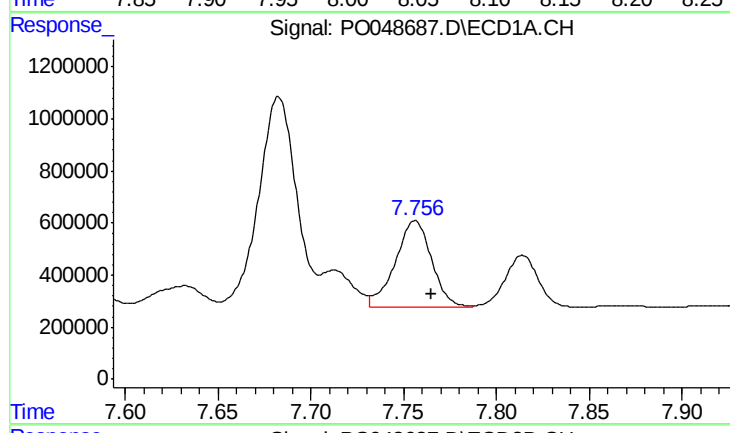
R.T.: 9.330 min
Delta R.T.: -0.012 min
Response: 1981088
Conc: 214.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
42DL



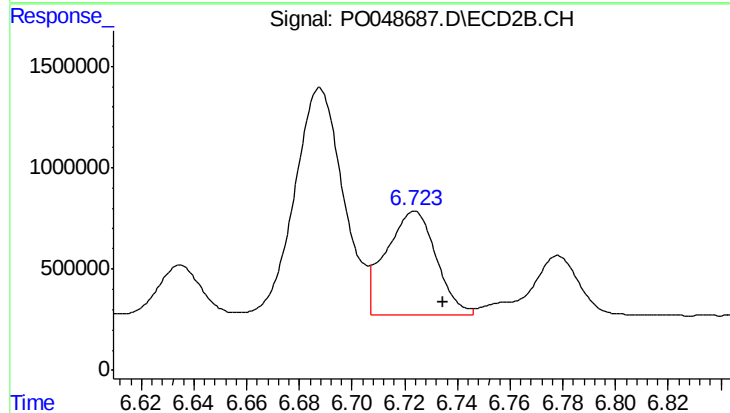
#40 AR-1262-5

R.T.: 8.060 min
Delta R.T.: -0.011 min
Response: 2090259
Conc: 202.95 ng/ml



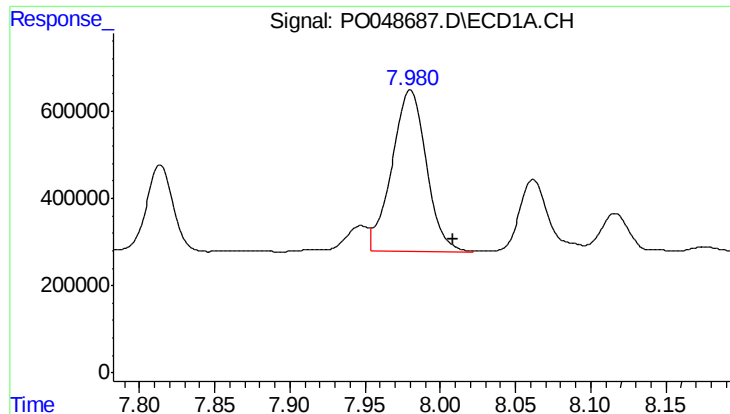
#41 AR-1268-1

R.T.: 7.756 min
Delta R.T.: -0.009 min
Response: 4478587
Conc: 844.05 ng/ml



#41 AR-1268-1

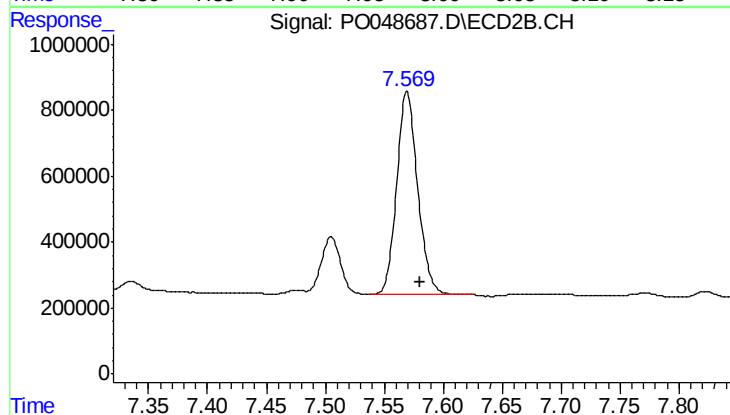
R.T.: 6.724 min
Delta R.T.: -0.011 min
Response: 6788048
Conc: 877.56 ng/ml



#42 AR-1268-2

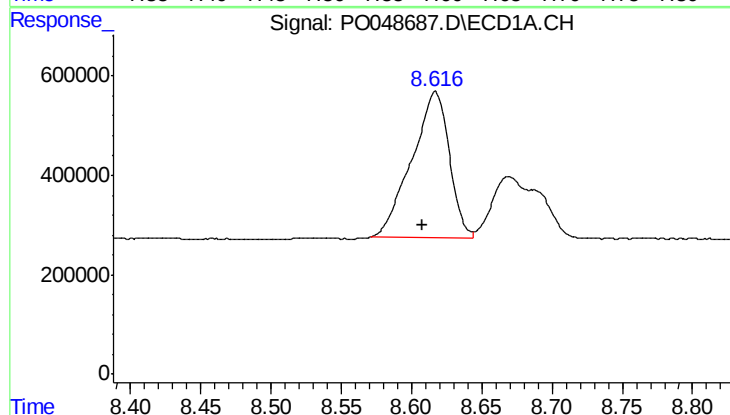
R.T.: 7.980 min
Delta R.T.: -0.028 min
Response: 5915174
Conc: 866.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
42DL



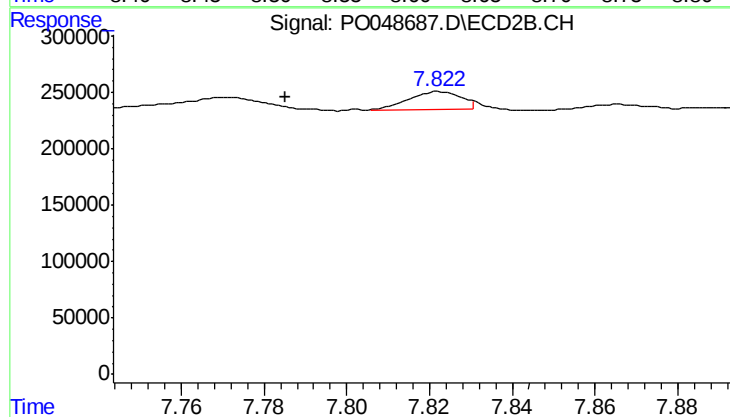
#42 AR-1268-2

R.T.: 7.569 min
Delta R.T.: -0.011 min
Response: 7626346
Conc: 252.66 ng/ml



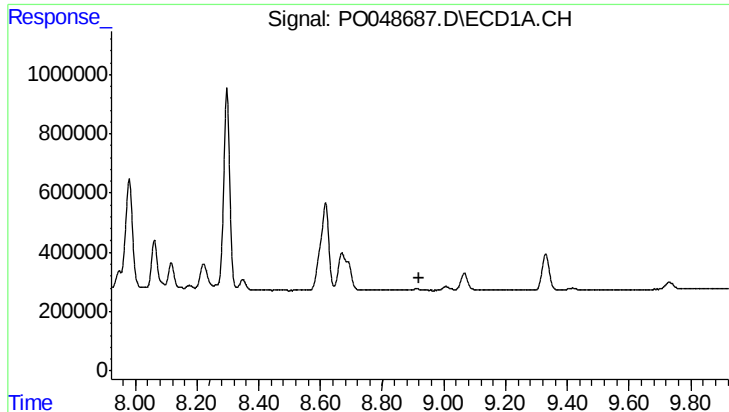
#43 AR-1268-3

R.T.: 8.617 min
Delta R.T.: 0.009 min
Response: 5479533
Conc: 212.39 ng/ml



#43 AR-1268-3

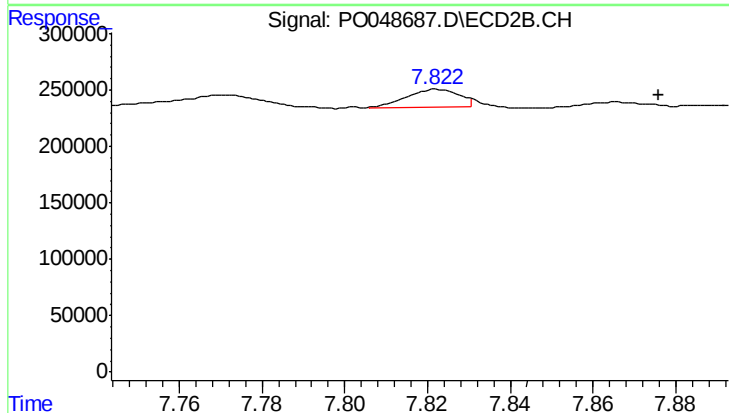
R.T.: 7.822 min
Delta R.T.: 0.037 min
Response: 138760
Conc: 5.59 ng/ml



#44 AR-1268-4

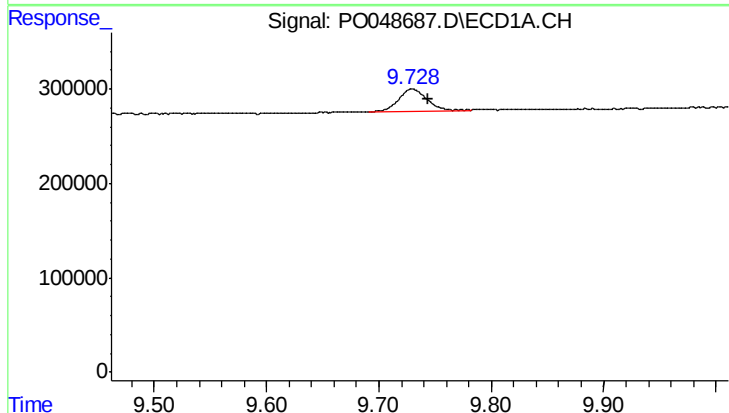
R.T.: 0.000 min
Exp R.T.: 8.922 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
42DL



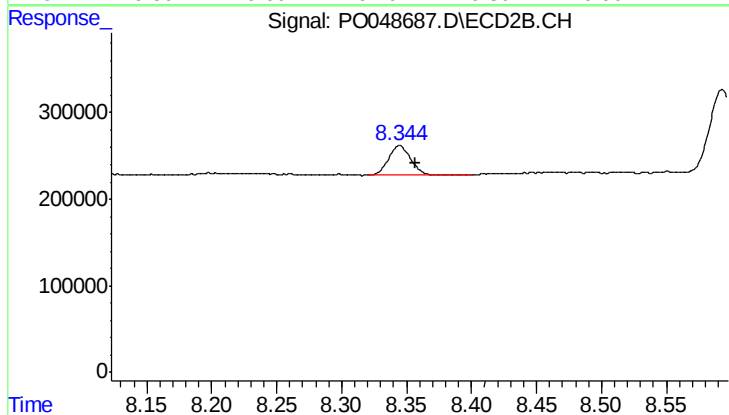
#44 AR-1268-4

R.T.: 7.822 min
Delta R.T.: -0.053 min
Response: 138760
Conc: 21.21 ng/ml



#45 AR-1268-5

R.T.: 9.729 min
Delta R.T.: -0.015 min
Response: 395806
Conc: 6.52 ng/ml



#45 AR-1268-5

R.T.: 8.345 min
Delta R.T.: -0.012 min
Response: 407399
Conc: 6.54 ng/ml