

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082720\
 Data File : P0070924.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 27 Aug 2020 17:57
 Operator : DD\AJ
 Sample : L3801-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 27 18:41:16 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0082020.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 21 04:17:00 2020
 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...	4.373	3.558	1985127	1157803	28.497	28.761
2)	SA Decachlor...	10.000	8.743	1844990	1118117	19.707	19.856
Target Compounds							
3)	L1 AR-1016-1	5.676	4.783	806746	468067	293.216	271.388
4)	L1 AR-1016-2	5.699	4.801	1202291	634081	296.864	263.010
5)	L1 AR-1016-3	5.762	4.986	512149	408729	215.971	329.284 #
6)	L1 AR-1016-4	5.867	5.043	660842	936248	333.662	961.971 #
7)	L1 AR-1016-5	6.176	5.263	2069808	1280861	1065.613	997.386
9)	L2 AR-1221-2	4.715	3.900	12625	17461	23.313	45.972 #
10)	L2 AR-1221-3	0.000	3.989	0	11280	N.D.	9.806 #
11)	L3 AR-1232-1	0.000	3.989	0	11280	N.D.	12.811 #
12)	L3 AR-1232-2	5.383	4.801	361452	634081	437.622	640.792 #
13)	L3 AR-1232-3	5.699	4.986	1202291	408729	749.485	763.463
14)	L3 AR-1232-4	5.867	5.084	660842	946277	837.162	2224.618 #
15)	L3 AR-1232-5	5.965	5.263	1462421	1280861	2845.451	2593.881
16)	L4 AR-1242-1	5.676	4.783	806746	468067	377.296	347.492
17)	L4 AR-1242-2	5.699	4.801	1202291	634081	383.100	333.837
18)	L4 AR-1242-3	5.762	4.986	512149	408729	270.748	406.003 #
19)	L4 AR-1242-4	5.867	5.084	660842	946277	408.832	1055.882 #
20)	L4 AR-1242-5	6.638	5.639	4410691	2863075	2108.017	2116.040
21)	L5 AR-1248-1	5.676	4.783	806746	468067	484.875	447.386
22)	L5 AR-1248-2	5.965	5.043	1462421	936248	696.479	692.347
23)	L5 AR-1248-3	6.176	5.084	2069808	946277	827.136	744.886
24)	L5 AR-1248-4	6.602	5.263	4187739	1280861	1193.488	779.503 #
25)	L5 AR-1248-5	6.638	5.680	4410691	2410759	1351.826	1382.638
26)	L6 AR-1254-1	6.569	5.639	3080374	2863075	921.573	1033.017
27)	L6 AR-1254-2	6.799	5.799	4367404	996302	829.793	401.958 #
28)	L6 AR-1254-3	7.172	6.208	2576157	1697610	473.837	424.766
29)	L6 AR-1254-4	7.467	6.449	2322130	1348217	447.920	449.412
30)	L6 AR-1254-5	7.888	6.871	843834	628557	159.579	159.060
31)	L7 AR-1260-1	7.334	6.348	289427	942395	70.210	356.103 #
32)	L7 AR-1260-2	7.601	6.545	785636	381302	126.394	103.907
33)	L7 AR-1260-3	7.957	6.688	172609	320684	32.209	103.295 #
34)	L7 AR-1260-4	8.182	7.168	422160	67265	82.923	24.123 #
35)	L7 AR-1260-5	8.500	7.421	280210	136149	23.519	17.392 #
36)	L8 AR-1262-1	7.957	6.871	172609	628557	22.562	301.058 #
37)	L8 AR-1262-2	8.500	7.421	280210	136149	21.584	15.899 #
38)	L8 AR-1262-3	0.000	7.701	0	64460	N.D.	18.175 #
39)	L8 AR-1262-4	8.849	7.763	109520	104407	33.737	17.156 #
40)	L8 AR-1262-5	9.403	8.261	27414	21023	6.216	7.008
41)	L9 AR-1268-1	0.000	7.701	0	64460	N.D.	6.032 #
42)	L9 AR-1268-2	8.849	7.763	109520	104407	8.203	11.538 #

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 Operator : DD\AJ
 Sample : L3801-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

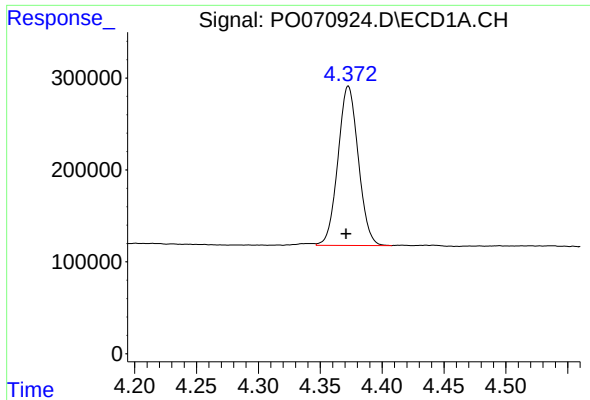
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 27 18:41:16 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0082020.M
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Volume Inj. : 2 µl
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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
43) L9	AR-1268-3	0.000	7.966	0	16941	N.D.	2.192 #
44) L9	AR-1268-4	9.403	8.261	27414	21023	5.405	6.125
45) L9	AR-1268-5	9.735	8.528	95196	27056	2.816	1.195 #

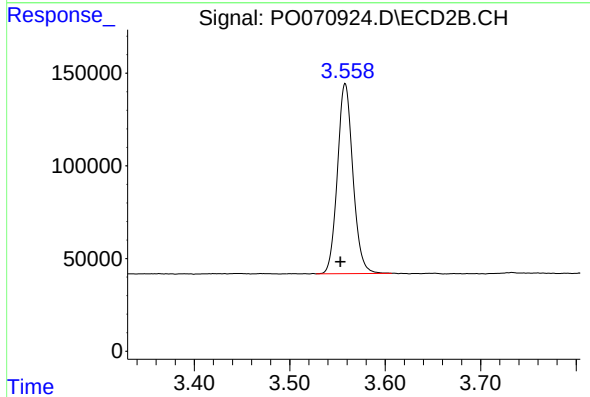
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

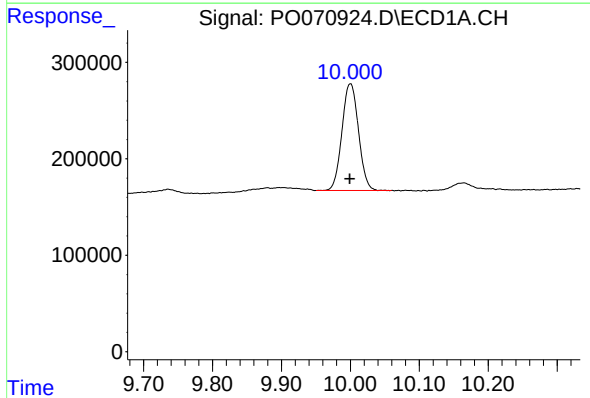
R.T.: 4.373 min
Delta R.T.: 0.002 min
Response: 1985127
Conc: 28.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



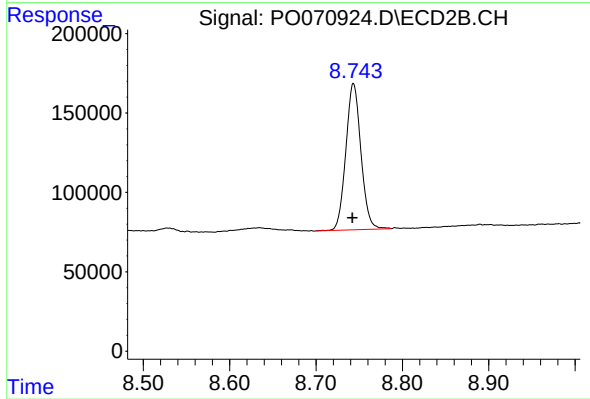
#1 Tetrachloro-m-xylene

R.T.: 3.558 min
Delta R.T.: 0.005 min
Response: 1157803
Conc: 28.76 ng/ml



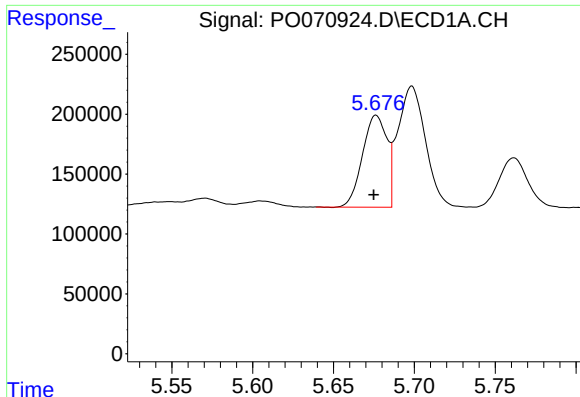
#2 Decachlorobiphenyl

R.T.: 10.000 min
Delta R.T.: 0.001 min
Response: 1844990
Conc: 19.71 ng/ml



#2 Decachlorobiphenyl

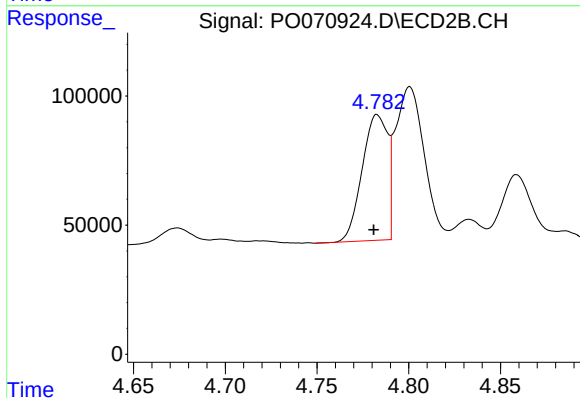
R.T.: 8.743 min
Delta R.T.: 0.001 min
Response: 1118117
Conc: 19.86 ng/ml



#3 AR-1016-1

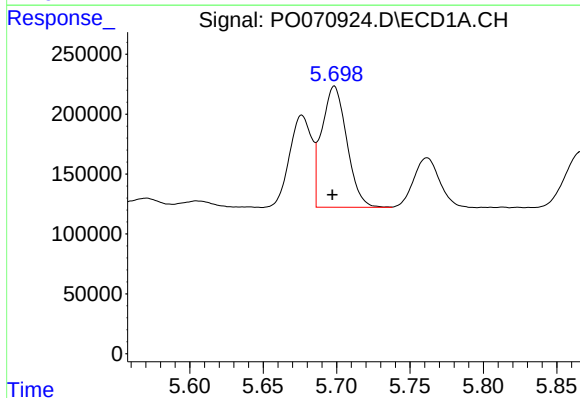
R.T.: 5.676 min
Delta R.T.: 0.001 min
Response: 806746
Conc: 293.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



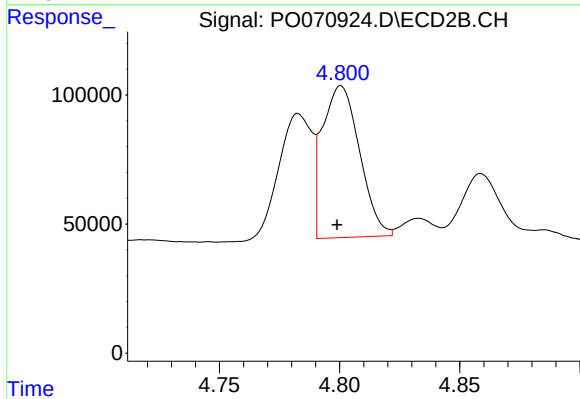
#3 AR-1016-1

R.T.: 4.783 min
Delta R.T.: 0.002 min
Response: 468067
Conc: 271.39 ng/ml



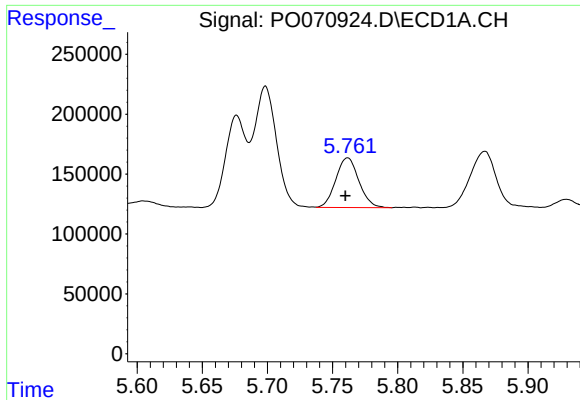
#4 AR-1016-2

R.T.: 5.699 min
Delta R.T.: 0.002 min
Response: 1202291
Conc: 296.86 ng/ml



#4 AR-1016-2

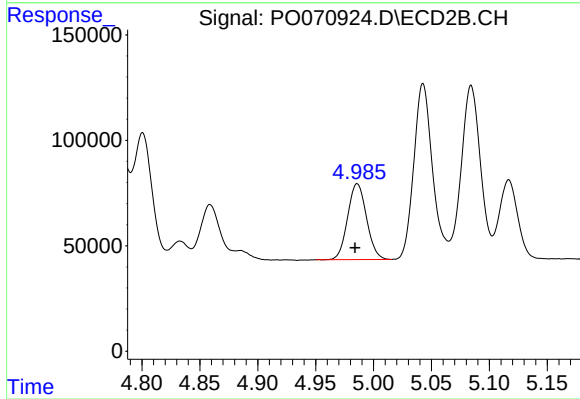
R.T.: 4.801 min
Delta R.T.: 0.002 min
Response: 634081
Conc: 263.01 ng/ml



#5 AR-1016-3

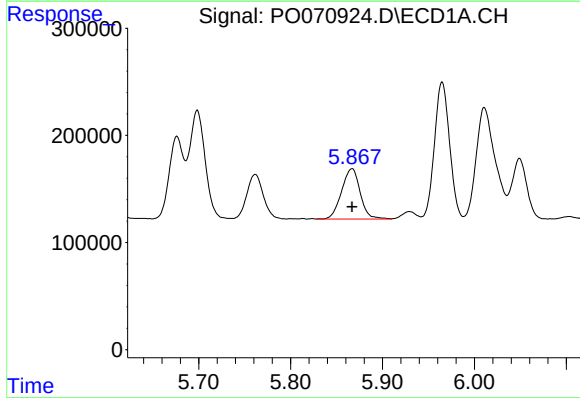
R.T.: 5.762 min
Delta R.T.: 0.002 min
Response: 512149
Conc: 215.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



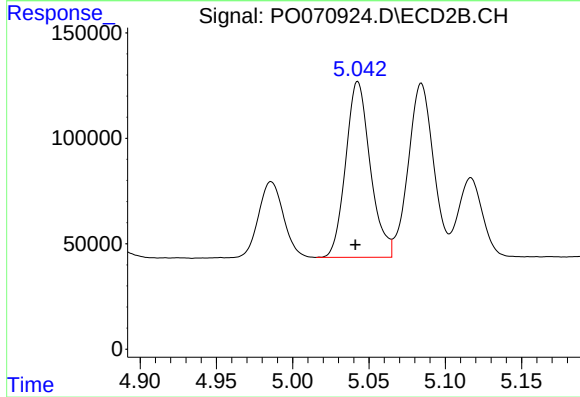
#5 AR-1016-3

R.T.: 4.986 min
Delta R.T.: 0.002 min
Response: 408729
Conc: 329.28 ng/ml



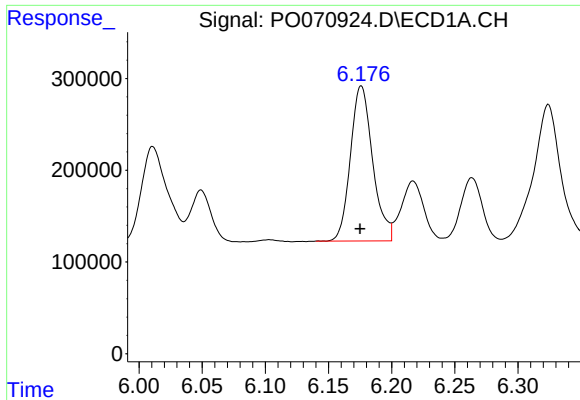
#6 AR-1016-4

R.T.: 5.867 min
Delta R.T.: 0.000 min
Response: 660842
Conc: 333.66 ng/ml



#6 AR-1016-4

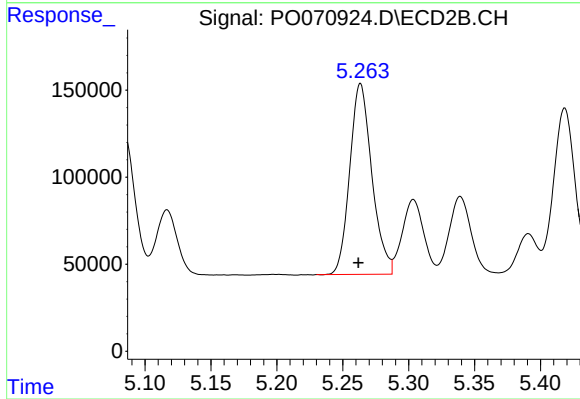
R.T.: 5.043 min
Delta R.T.: 0.002 min
Response: 936248
Conc: 961.97 ng/ml



#7 AR-1016-5

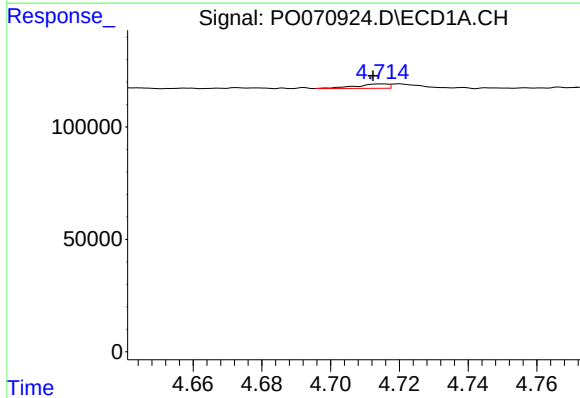
R.T.: 6.176 min
Delta R.T.: 0.000 min
Response: 2069808
Conc: 1065.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



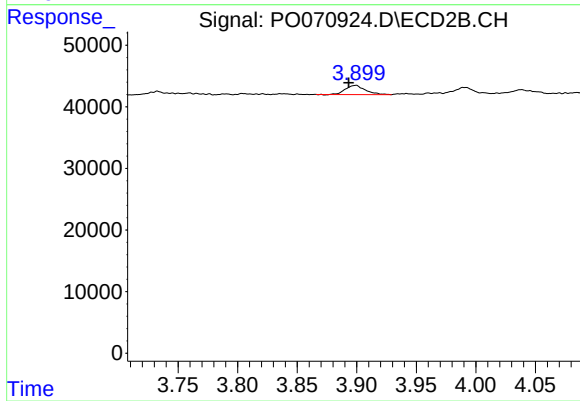
#7 AR-1016-5

R.T.: 5.263 min
Delta R.T.: 0.001 min
Response: 1280861
Conc: 997.39 ng/ml



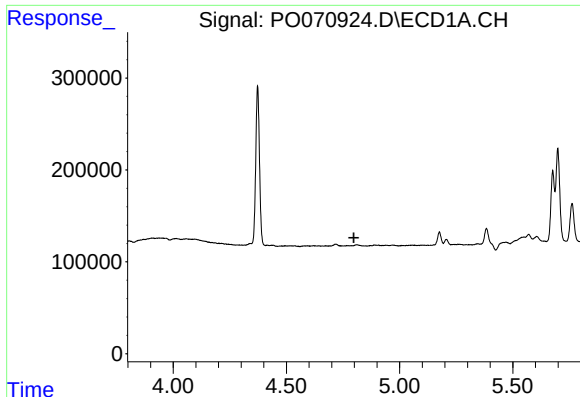
#9 AR-1221-2

R.T.: 4.715 min
Delta R.T.: 0.003 min
Response: 12625
Conc: 23.31 ng/ml



#9 AR-1221-2

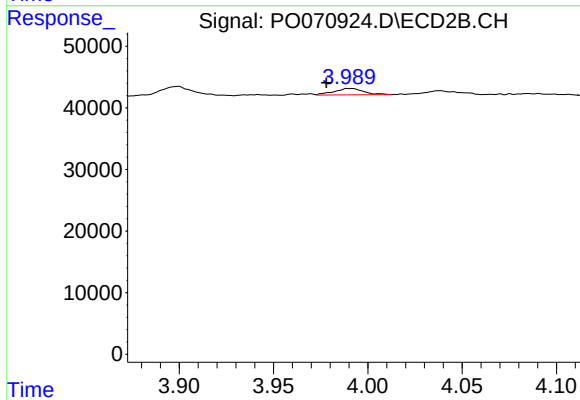
R.T.: 3.900 min
Delta R.T.: 0.006 min
Response: 17461
Conc: 45.97 ng/ml



#10 AR-1221-3

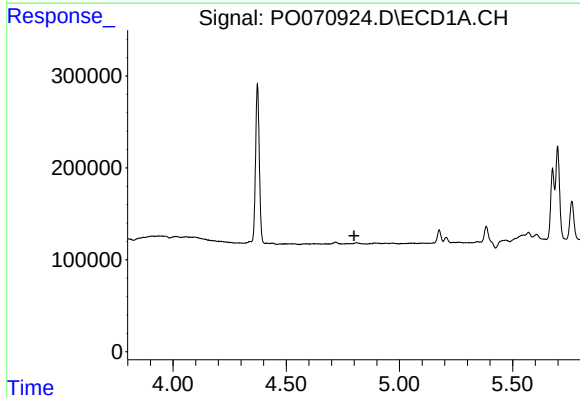
R.T.: 0.000 min
Exp R.T.: 4.798 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



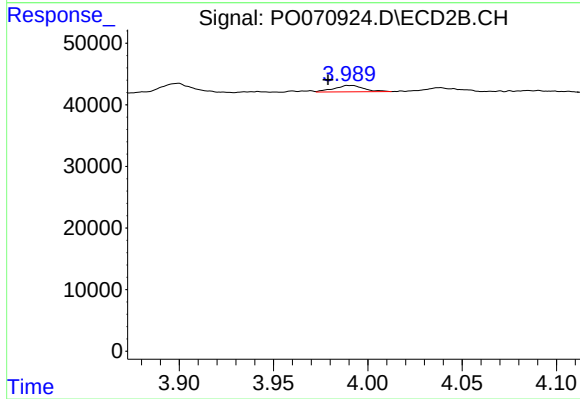
#10 AR-1221-3

R.T.: 3.989 min
Delta R.T.: 0.011 min
Response: 11280
Conc: 9.81 ng/ml



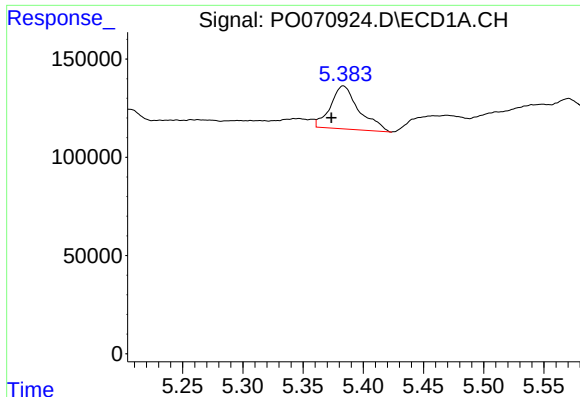
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 4.799 min
Response: 0
Conc: N.D.



#11 AR-1232-1

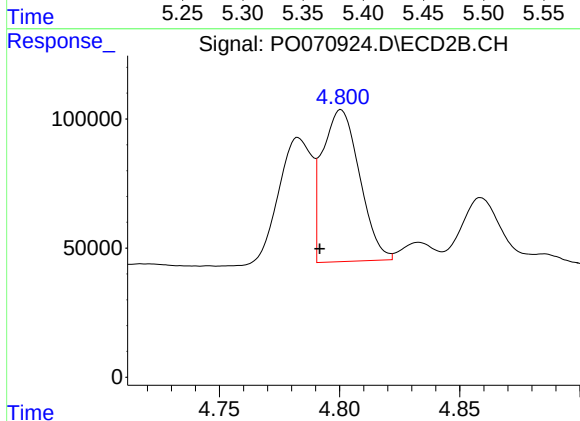
R.T.: 3.989 min
Delta R.T.: 0.011 min
Response: 11280
Conc: 12.81 ng/ml



#12 AR-1232-2

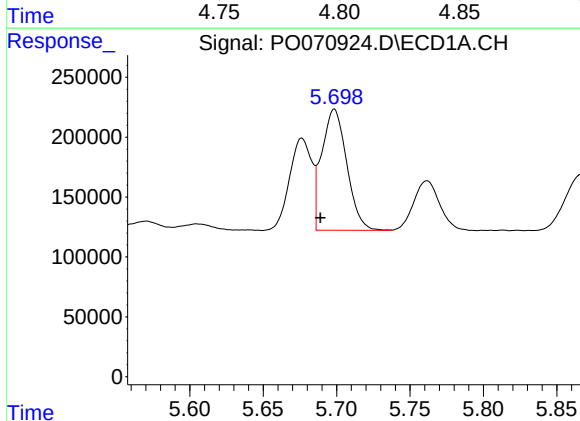
R.T.: 5.383 min
Delta R.T.: 0.010 min
Response: 361452
Conc: 437.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



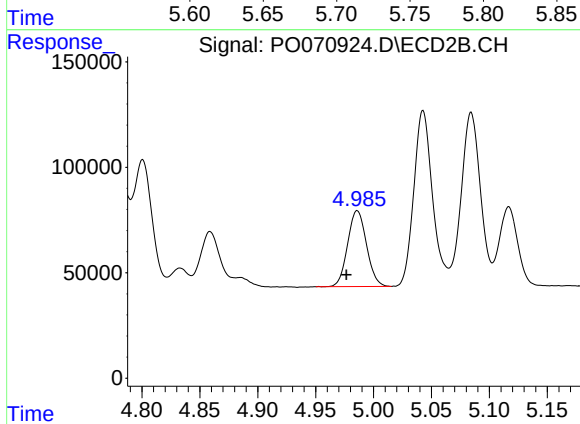
#12 AR-1232-2

R.T.: 4.801 min
Delta R.T.: 0.009 min
Response: 634081
Conc: 640.79 ng/ml



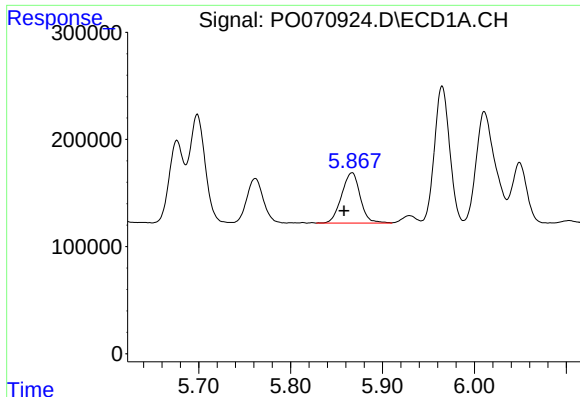
#13 AR-1232-3

R.T.: 5.699 min
Delta R.T.: 0.010 min
Response: 1202291
Conc: 749.48 ng/ml



#13 AR-1232-3

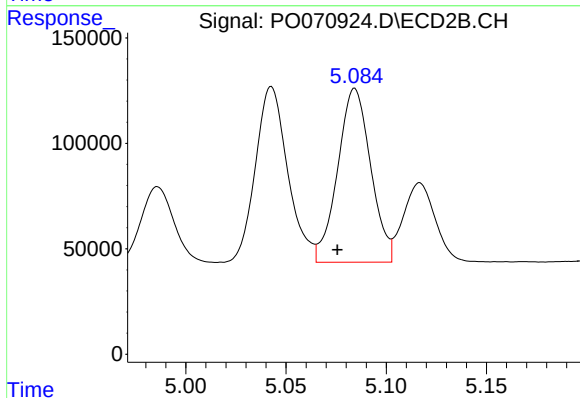
R.T.: 4.986 min
Delta R.T.: 0.009 min
Response: 408729
Conc: 763.46 ng/ml



#14 AR-1232-4

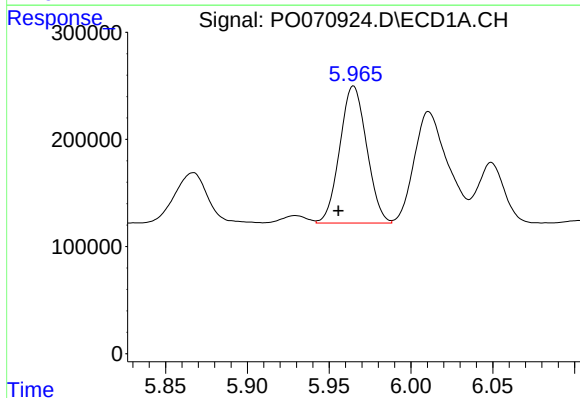
R.T.: 5.867 min
Delta R.T.: 0.009 min
Response: 660842
Conc: 837.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



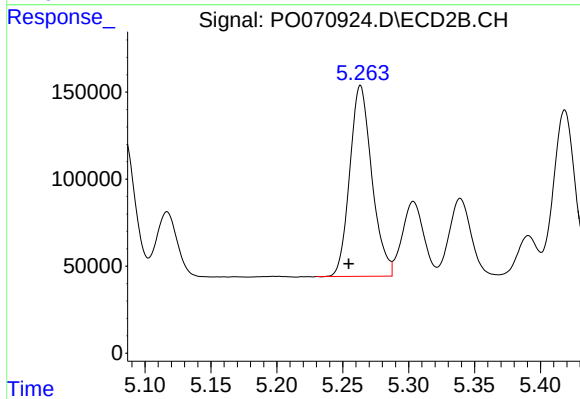
#14 AR-1232-4

R.T.: 5.084 min
Delta R.T.: 0.009 min
Response: 946277
Conc: 2224.62 ng/ml



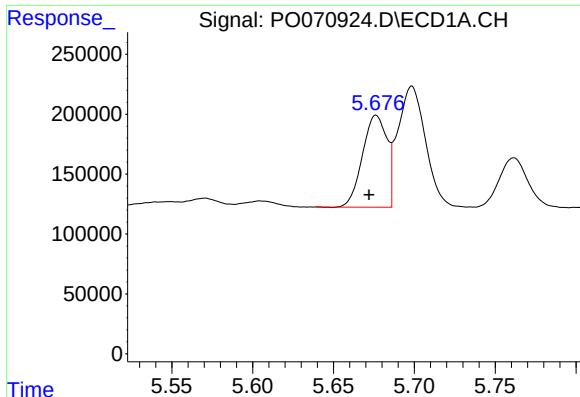
#15 AR-1232-5

R.T.: 5.965 min
Delta R.T.: 0.009 min
Response: 1462421
Conc: 2845.45 ng/ml



#15 AR-1232-5

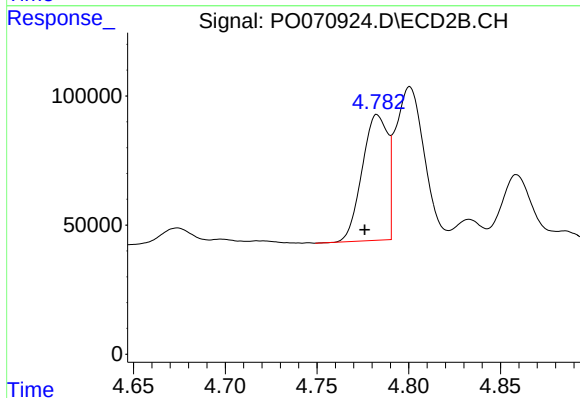
R.T.: 5.263 min
Delta R.T.: 0.009 min
Response: 1280861
Conc: 2593.88 ng/ml



#16 AR-1242-1

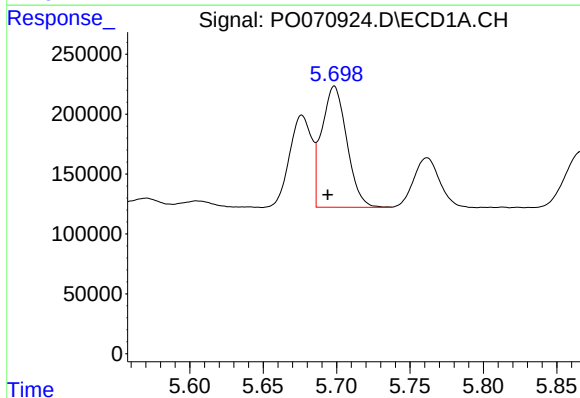
R.T.: 5.676 min
Delta R.T.: 0.004 min
Response: 806746
Conc: 377.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



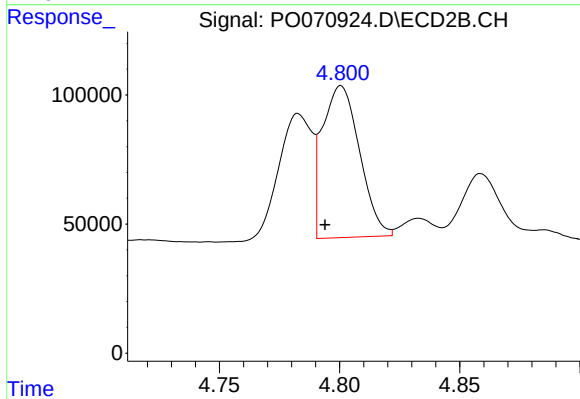
#16 AR-1242-1

R.T.: 4.783 min
Delta R.T.: 0.007 min
Response: 468067
Conc: 347.49 ng/ml



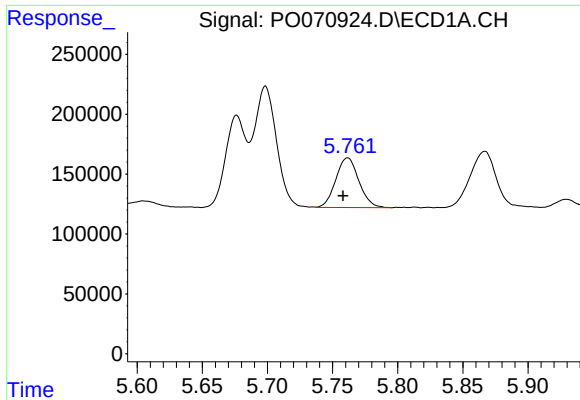
#17 AR-1242-2

R.T.: 5.699 min
Delta R.T.: 0.005 min
Response: 1202291
Conc: 383.10 ng/ml



#17 AR-1242-2

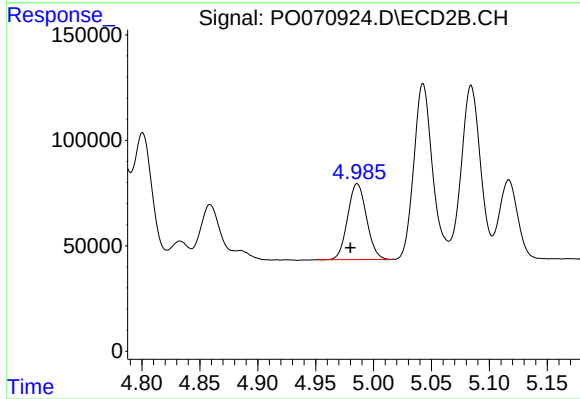
R.T.: 4.801 min
Delta R.T.: 0.007 min
Response: 634081
Conc: 333.84 ng/ml



#18 AR-1242-3

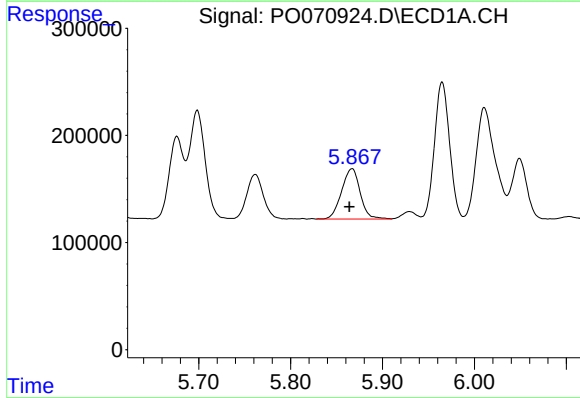
R.T.: 5.762 min
Delta R.T.: 0.004 min
Response: 512149
Conc: 270.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



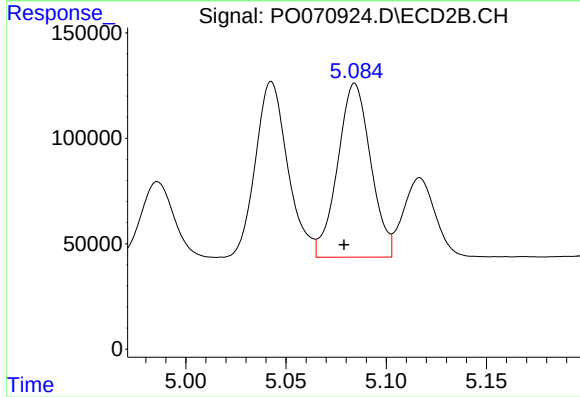
#18 AR-1242-3

R.T.: 4.986 min
Delta R.T.: 0.006 min
Response: 408729
Conc: 406.00 ng/ml



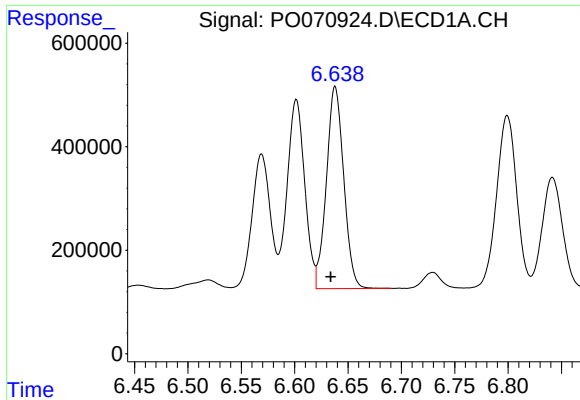
#19 AR-1242-4

R.T.: 5.867 min
Delta R.T.: 0.003 min
Response: 660842
Conc: 408.83 ng/ml



#19 AR-1242-4

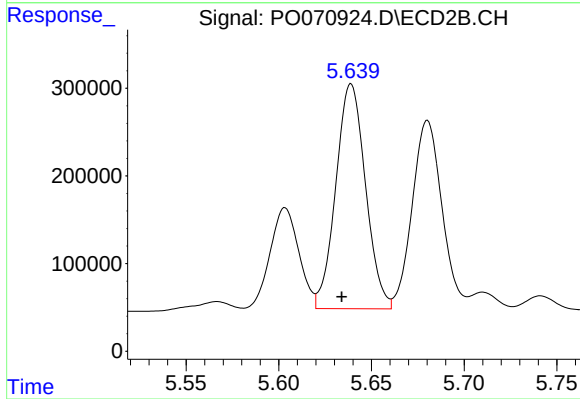
R.T.: 5.084 min
Delta R.T.: 0.005 min
Response: 946277
Conc: 1055.88 ng/ml



#20 AR-1242-5

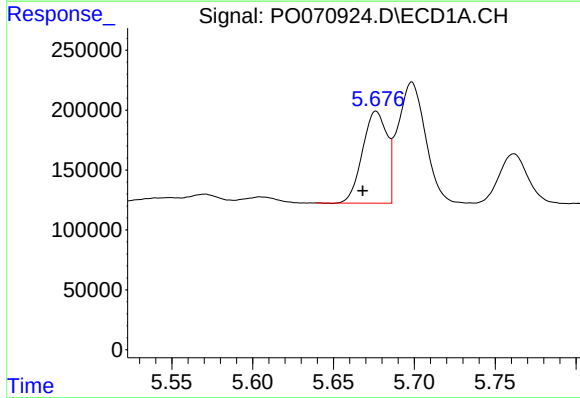
R.T.: 6.638 min
Delta R.T.: 0.004 min
Response: 4410691
Conc: 2108.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



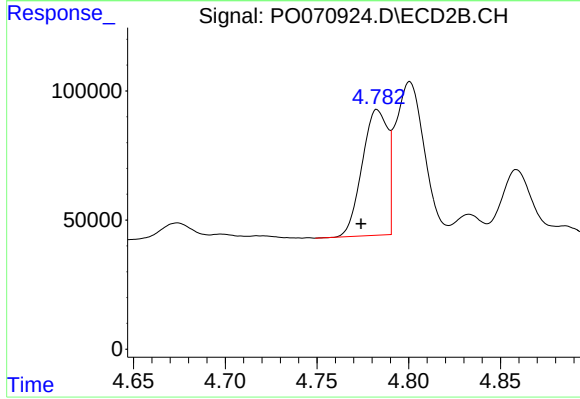
#20 AR-1242-5

R.T.: 5.639 min
Delta R.T.: 0.005 min
Response: 2863075
Conc: 2116.04 ng/ml



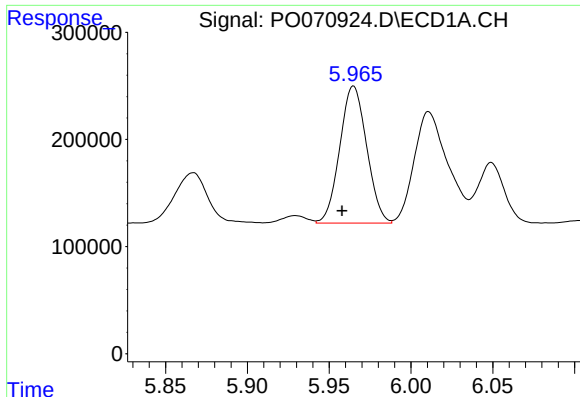
#21 AR-1248-1

R.T.: 5.676 min
Delta R.T.: 0.008 min
Response: 806746
Conc: 484.87 ng/ml



#21 AR-1248-1

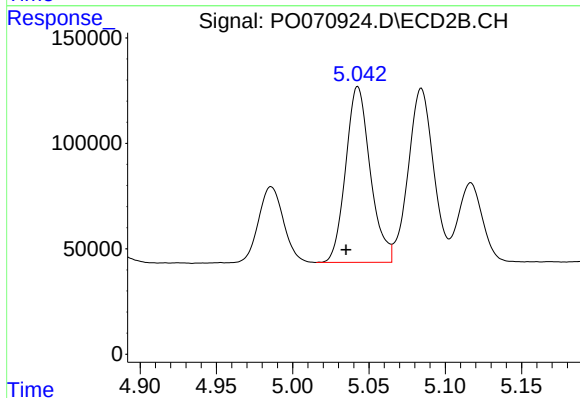
R.T.: 4.783 min
Delta R.T.: 0.009 min
Response: 468067
Conc: 447.39 ng/ml



#22 AR-1248-2

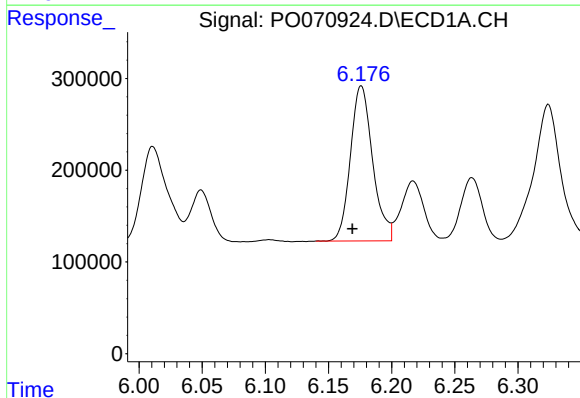
R.T.: 5.965 min
Delta R.T.: 0.007 min
Response: 1462421
Conc: 696.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



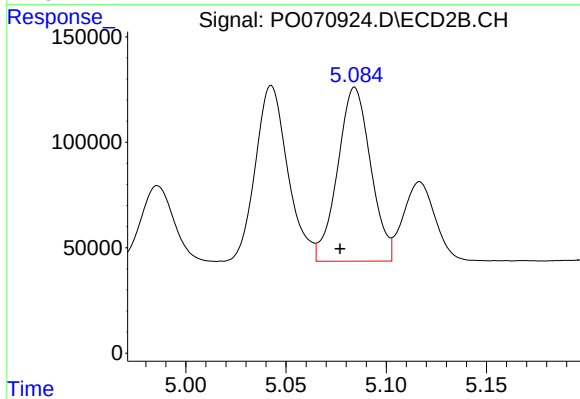
#22 AR-1248-2

R.T.: 5.043 min
Delta R.T.: 0.008 min
Response: 936248
Conc: 692.35 ng/ml



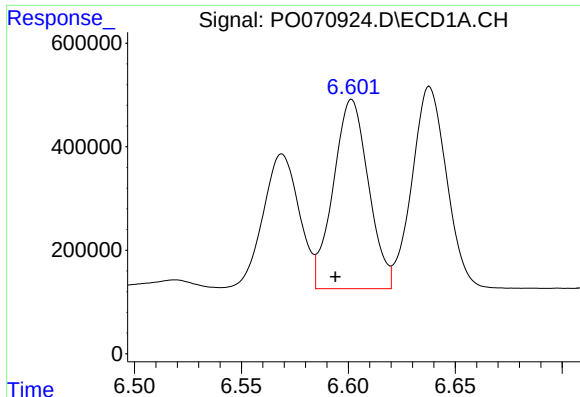
#23 AR-1248-3

R.T.: 6.176 min
Delta R.T.: 0.007 min
Response: 2069808
Conc: 827.14 ng/ml



#23 AR-1248-3

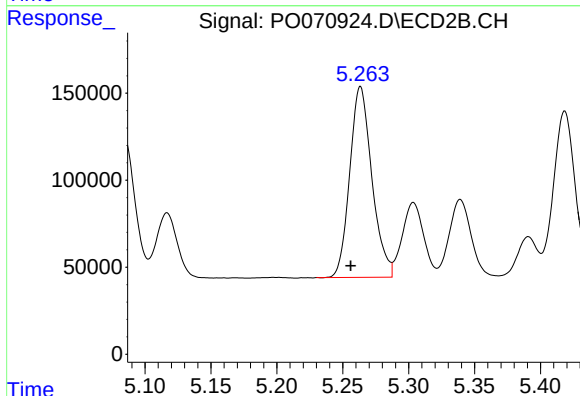
R.T.: 5.084 min
Delta R.T.: 0.007 min
Response: 946277
Conc: 744.89 ng/ml



#24 AR-1248-4

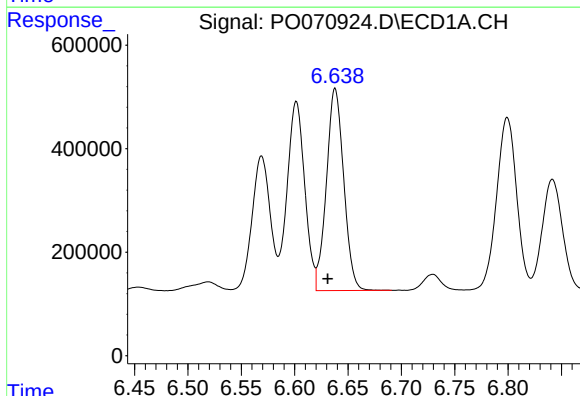
R.T.: 6.602 min
Delta R.T.: 0.008 min
Response: 4187739
Conc: 1193.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



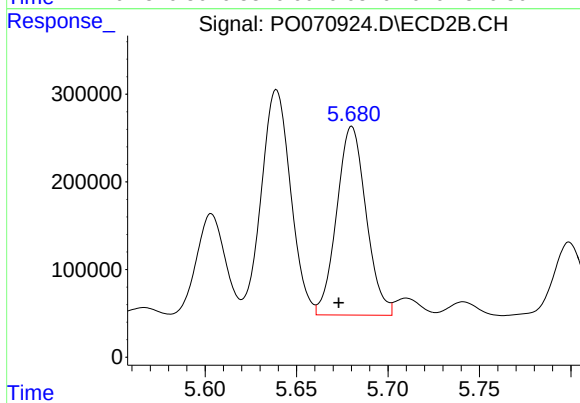
#24 AR-1248-4

R.T.: 5.263 min
Delta R.T.: 0.007 min
Response: 1280861
Conc: 779.50 ng/ml



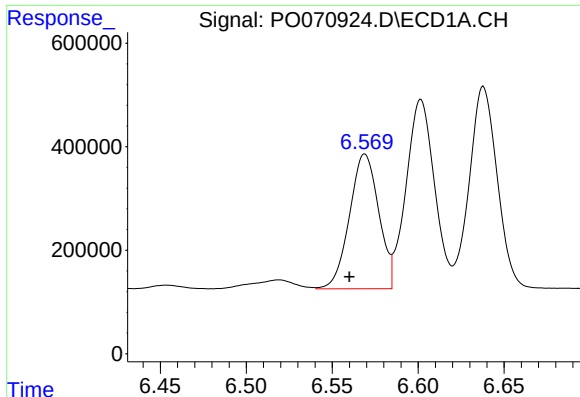
#25 AR-1248-5

R.T.: 6.638 min
Delta R.T.: 0.007 min
Response: 4410691
Conc: 1351.83 ng/ml



#25 AR-1248-5

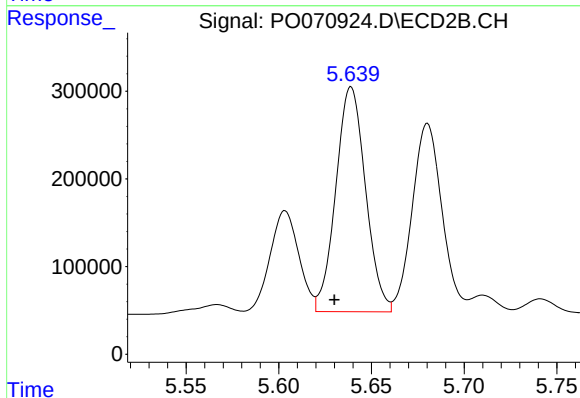
R.T.: 5.680 min
Delta R.T.: 0.007 min
Response: 2410759
Conc: 1382.64 ng/ml



#26 AR-1254-1

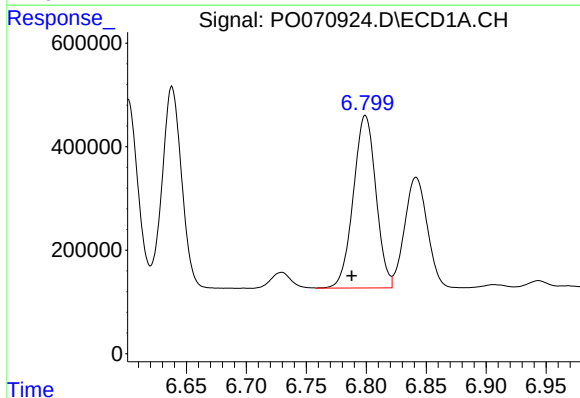
R.T.: 6.569 min
Delta R.T.: 0.009 min
Response: 3080374
Conc: 921.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



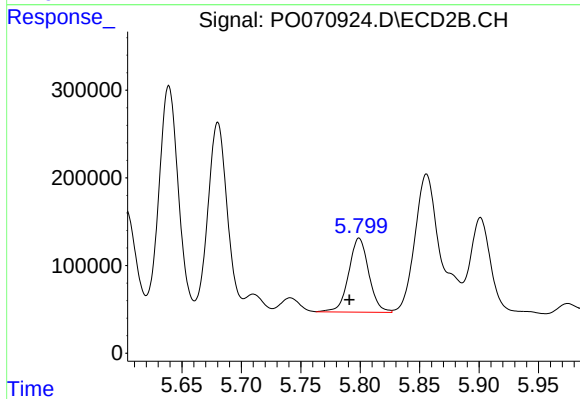
#26 AR-1254-1

R.T.: 5.639 min
Delta R.T.: 0.009 min
Response: 2863075
Conc: 1033.02 ng/ml



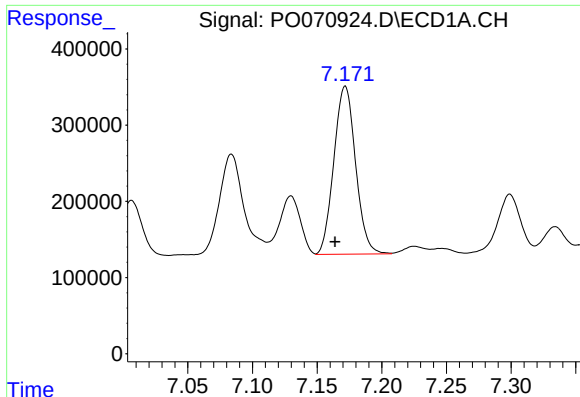
#27 AR-1254-2

R.T.: 6.799 min
Delta R.T.: 0.011 min
Response: 4367404
Conc: 829.79 ng/ml



#27 AR-1254-2

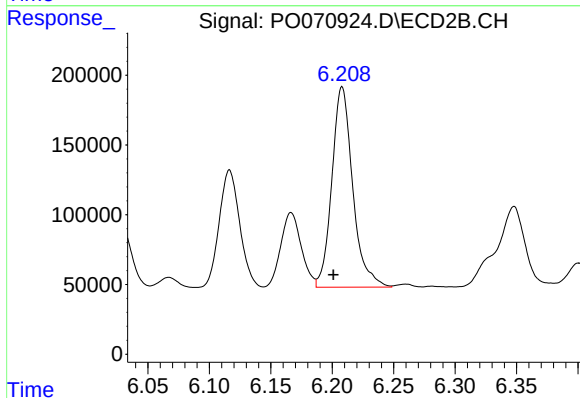
R.T.: 5.799 min
Delta R.T.: 0.008 min
Response: 996302
Conc: 401.96 ng/ml



#28 AR-1254-3

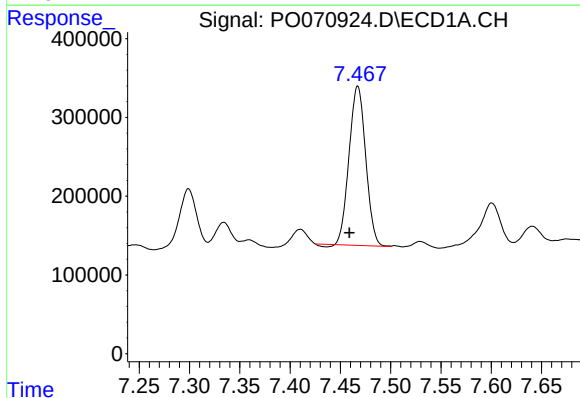
R.T.: 7.172 min
Delta R.T.: 0.008 min
Response: 2576157
Conc: 473.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



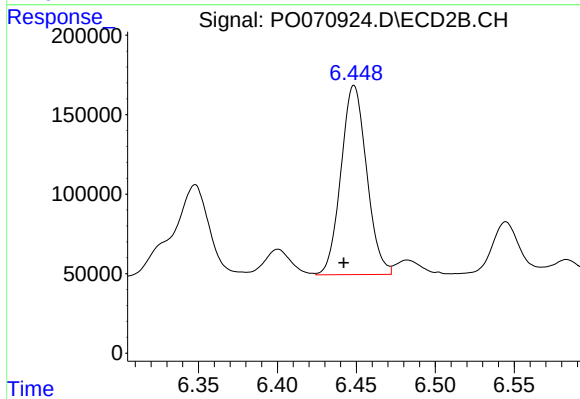
#28 AR-1254-3

R.T.: 6.208 min
Delta R.T.: 0.007 min
Response: 1697610
Conc: 424.77 ng/ml



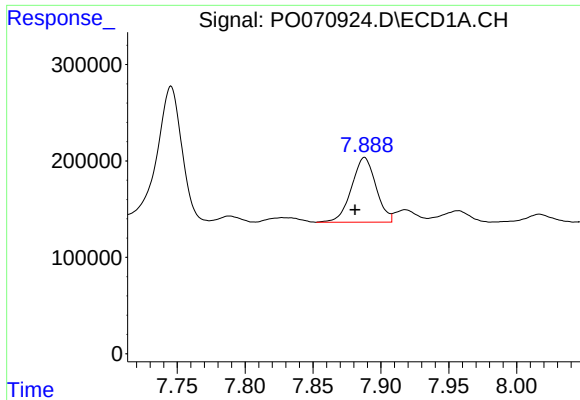
#29 AR-1254-4

R.T.: 7.467 min
Delta R.T.: 0.008 min
Response: 2322130
Conc: 447.92 ng/ml



#29 AR-1254-4

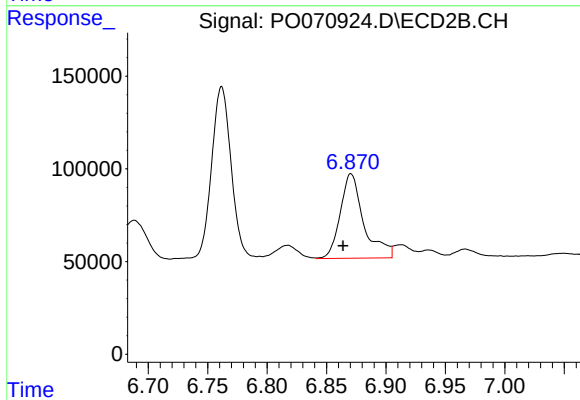
R.T.: 6.449 min
Delta R.T.: 0.007 min
Response: 1348217
Conc: 449.41 ng/ml



#30 AR-1254-5

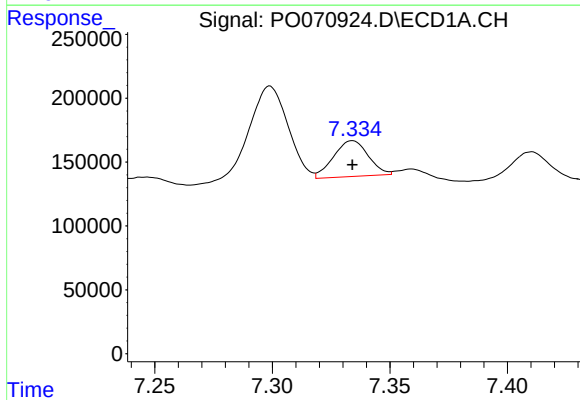
R.T.: 7.888 min
Delta R.T.: 0.007 min
Response: 843834
Conc: 159.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



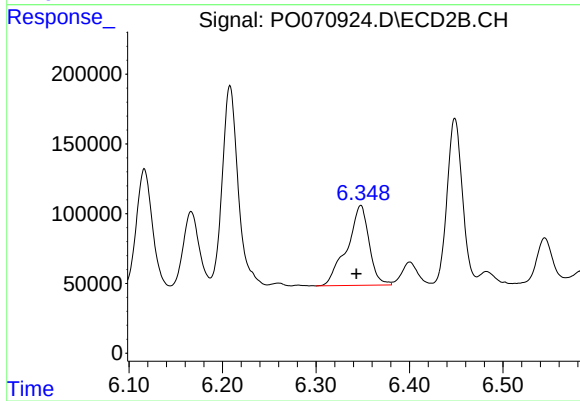
#30 AR-1254-5

R.T.: 6.871 min
Delta R.T.: 0.007 min
Response: 628557
Conc: 159.06 ng/ml



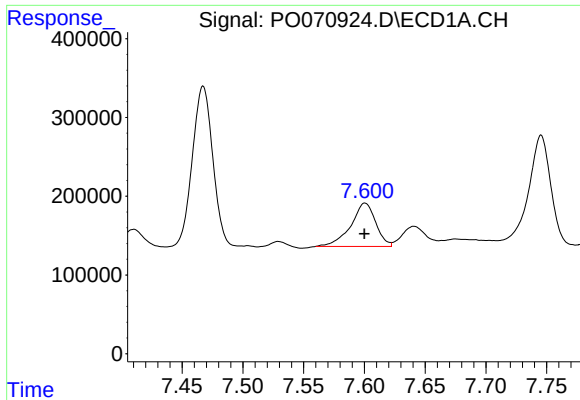
#31 AR-1260-1

R.T.: 7.334 min
Delta R.T.: 0.000 min
Response: 289427
Conc: 70.21 ng/ml



#31 AR-1260-1

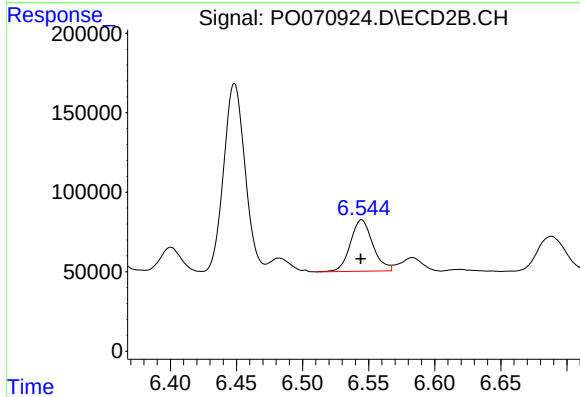
R.T.: 6.348 min
Delta R.T.: 0.005 min
Response: 942395
Conc: 356.10 ng/ml



#32 AR-1260-2

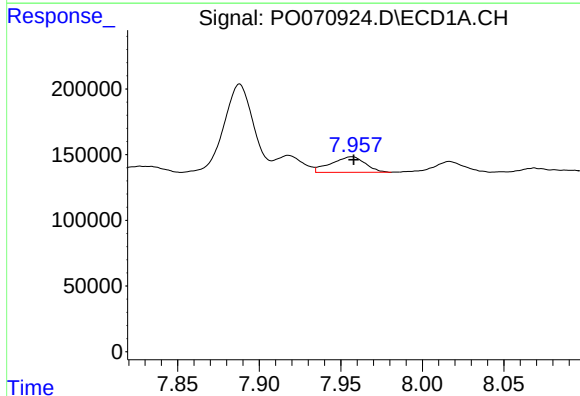
R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 785636
Conc: 126.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



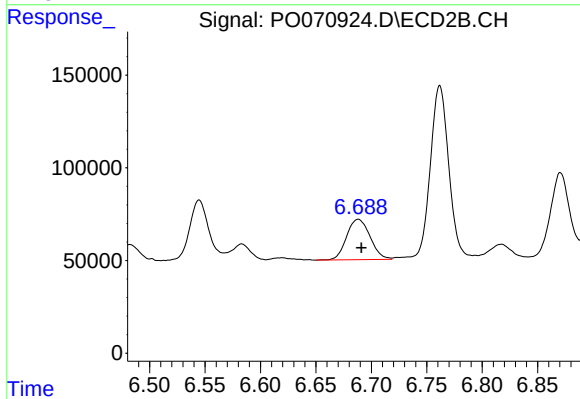
#32 AR-1260-2

R.T.: 6.545 min
Delta R.T.: 0.000 min
Response: 381302
Conc: 103.91 ng/ml



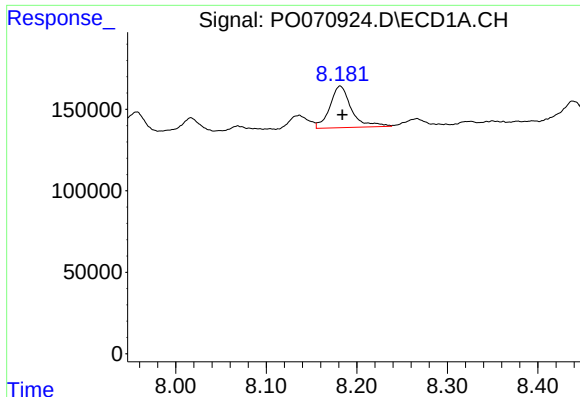
#33 AR-1260-3

R.T.: 7.957 min
Delta R.T.: -0.001 min
Response: 172609
Conc: 32.21 ng/ml



#33 AR-1260-3

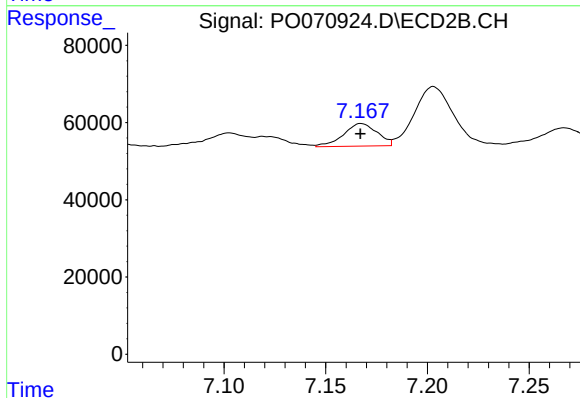
R.T.: 6.688 min
Delta R.T.: -0.003 min
Response: 320684
Conc: 103.29 ng/ml



#34 AR-1260-4

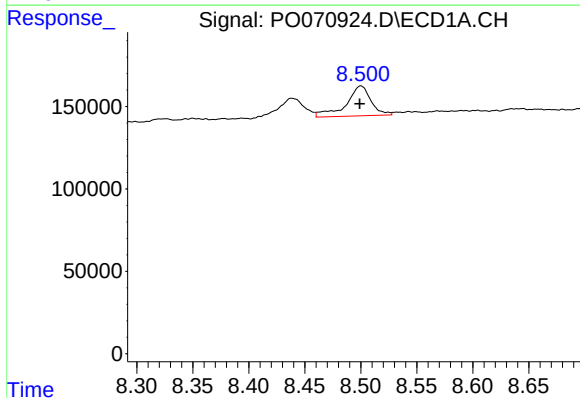
R.T.: 8.182 min
Delta R.T.: -0.002 min
Response: 422160
Conc: 82.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



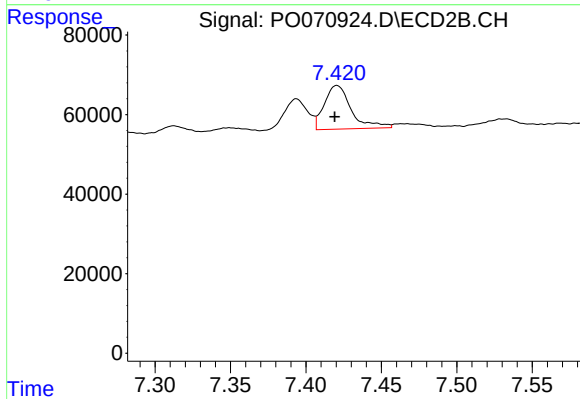
#34 AR-1260-4

R.T.: 7.168 min
Delta R.T.: 0.000 min
Response: 67265
Conc: 24.12 ng/ml



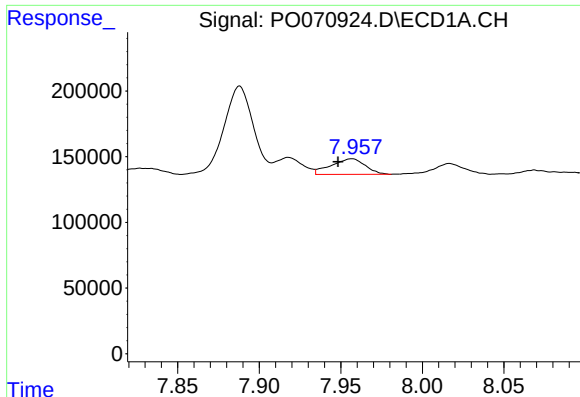
#35 AR-1260-5

R.T.: 8.500 min
Delta R.T.: 0.001 min
Response: 280210
Conc: 23.52 ng/ml



#35 AR-1260-5

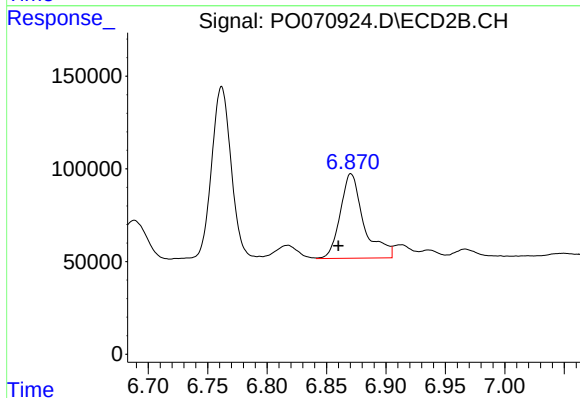
R.T.: 7.421 min
Delta R.T.: 0.002 min
Response: 136149
Conc: 17.39 ng/ml



#36 AR-1262-1

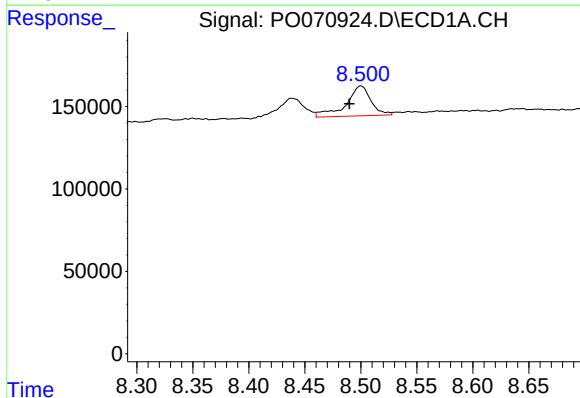
R.T.: 7.957 min
Delta R.T.: 0.009 min
Response: 172609
Conc: 22.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



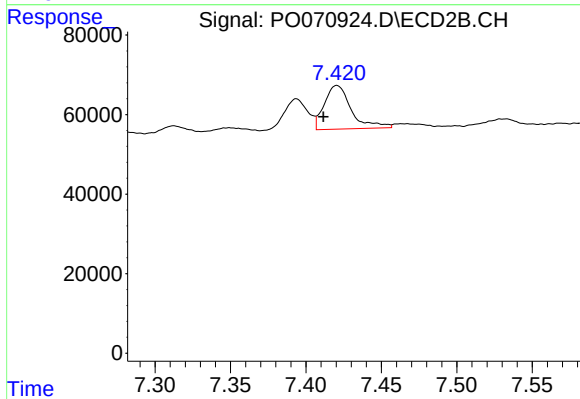
#36 AR-1262-1

R.T.: 6.871 min
Delta R.T.: 0.011 min
Response: 628557
Conc: 301.06 ng/ml



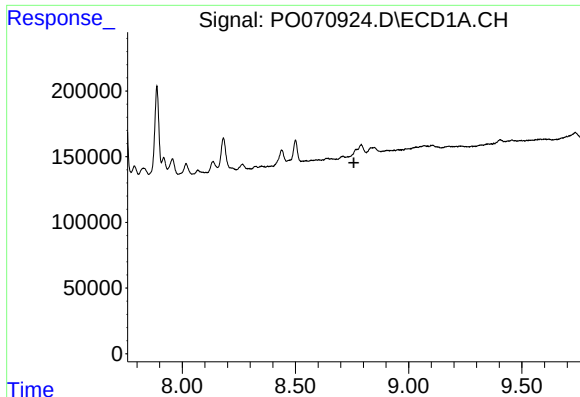
#37 AR-1262-2

R.T.: 8.500 min
Delta R.T.: 0.010 min
Response: 280210
Conc: 21.58 ng/ml



#37 AR-1262-2

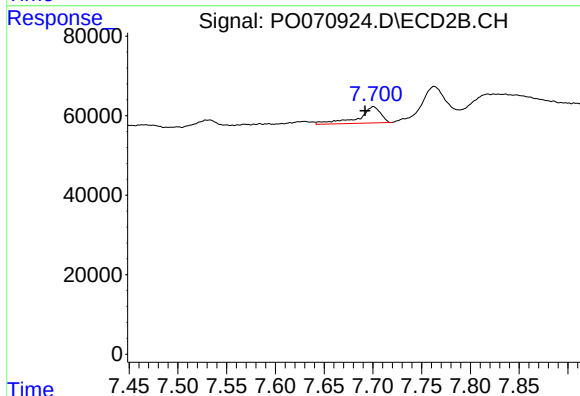
R.T.: 7.421 min
Delta R.T.: 0.009 min
Response: 136149
Conc: 15.90 ng/ml



#38 AR-1262-3

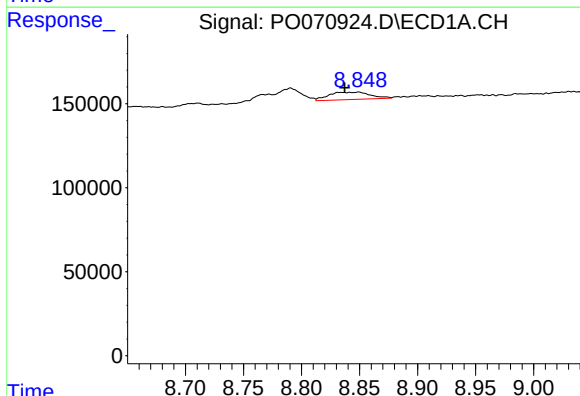
R.T.: 0.000 min
Exp R.T.: 8.758 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



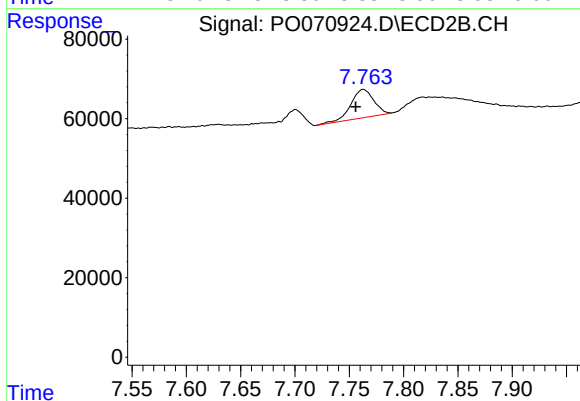
#38 AR-1262-3

R.T.: 7.701 min
Delta R.T.: 0.009 min
Response: 64460
Conc: 18.17 ng/ml



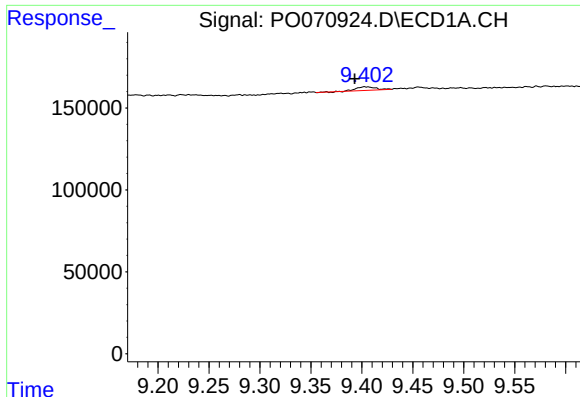
#39 AR-1262-4

R.T.: 8.849 min
Delta R.T.: 0.012 min
Response: 109520
Conc: 33.74 ng/ml



#39 AR-1262-4

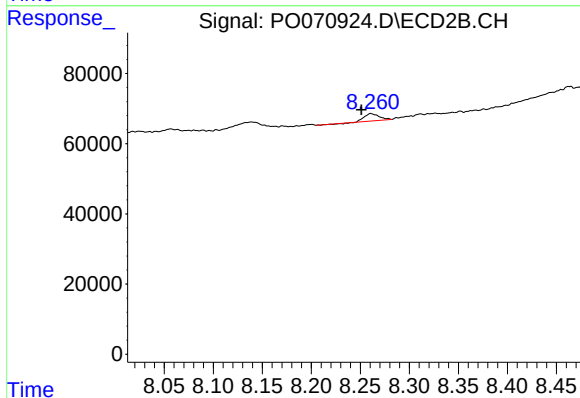
R.T.: 7.763 min
Delta R.T.: 0.007 min
Response: 104407
Conc: 17.16 ng/ml



#40 AR-1262-5

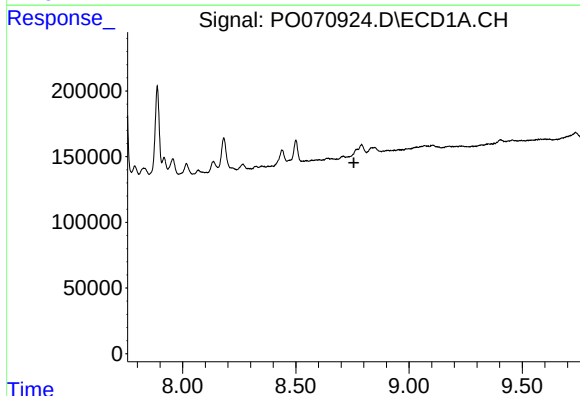
R.T.: 9.403 min
Delta R.T.: 0.010 min
Response: 27414
Conc: 6.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



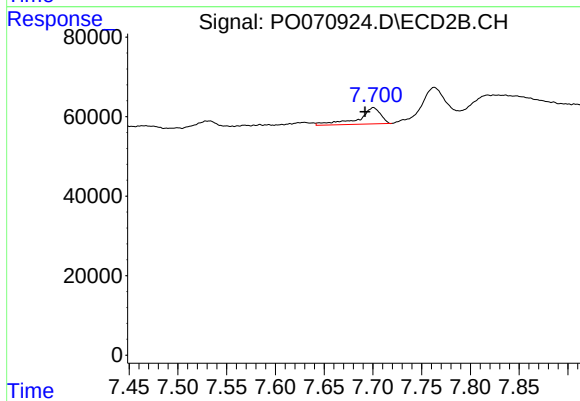
#40 AR-1262-5

R.T.: 8.261 min
Delta R.T.: 0.010 min
Response: 21023
Conc: 7.01 ng/ml



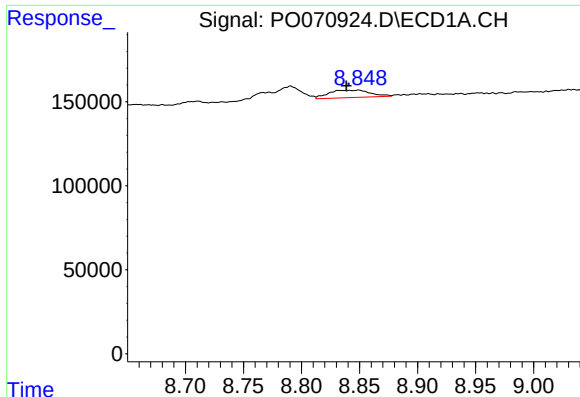
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.757 min
Response: 0
Conc: N.D.



#41 AR-1268-1

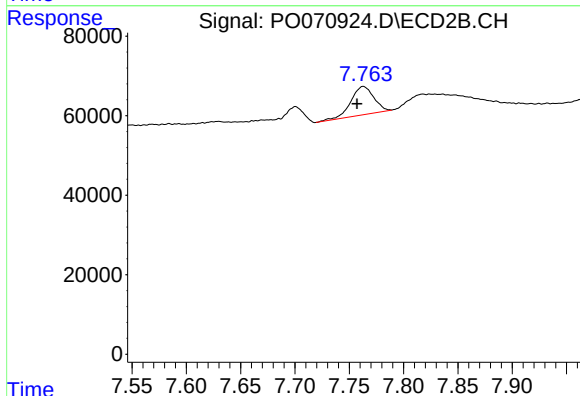
R.T.: 7.701 min
Delta R.T.: 0.008 min
Response: 64460
Conc: 6.03 ng/ml



#42 AR-1268-2

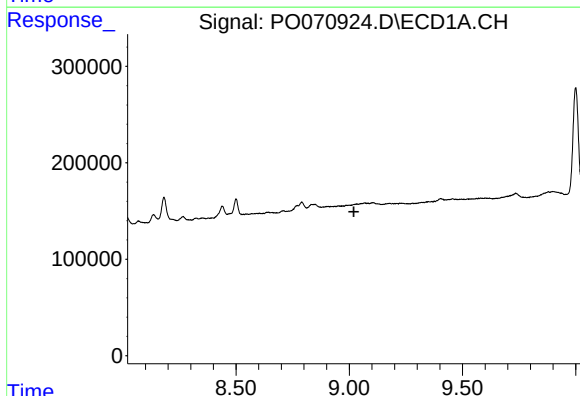
R.T.: 8.849 min
Delta R.T.: 0.010 min
Response: 109520
Conc: 8.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



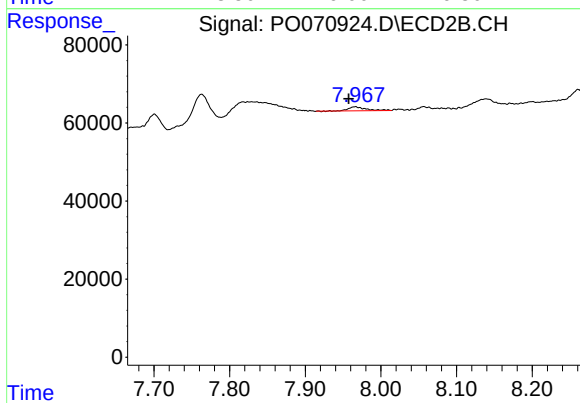
#42 AR-1268-2

R.T.: 7.763 min
Delta R.T.: 0.006 min
Response: 104407
Conc: 11.54 ng/ml



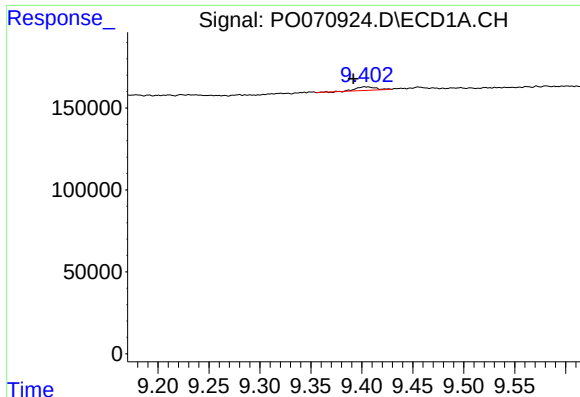
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.020 min
Response: 0
Conc: N.D.



#43 AR-1268-3

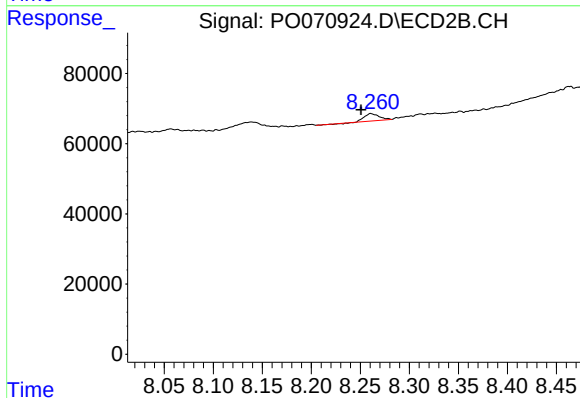
R.T.: 7.966 min
Delta R.T.: 0.009 min
Response: 16941
Conc: 2.19 ng/ml



#44 AR-1268-4

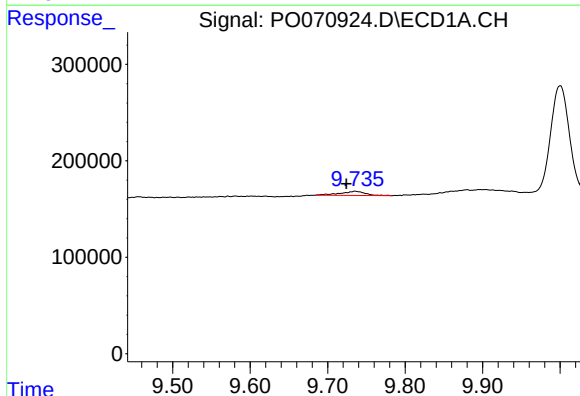
R.T.: 9.403 min
Delta R.T.: 0.011 min
Response: 27414
Conc: 5.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



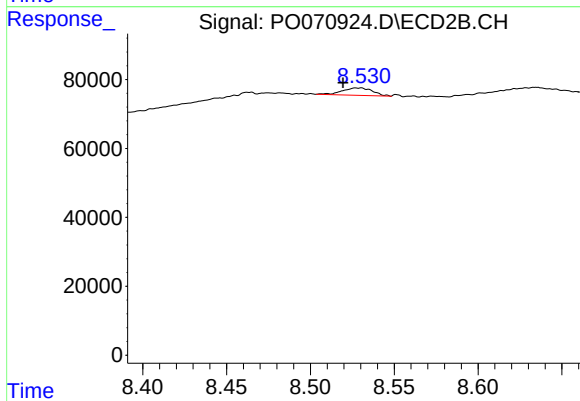
#44 AR-1268-4

R.T.: 8.261 min
Delta R.T.: 0.010 min
Response: 21023
Conc: 6.12 ng/ml



#45 AR-1268-5

R.T.: 9.735 min
Delta R.T.: 0.011 min
Response: 95196
Conc: 2.82 ng/ml



#45 AR-1268-5

R.T.: 8.528 min
Delta R.T.: 0.009 min
Response: 27056
Conc: 1.19 ng/ml