

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082120\
 Data File : P0070750.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 21 Aug 2020 10:26
 Operator : DD\AJ
 Sample : AR1242CCC500
 Misc : FOR RT STUDY
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 14:33:51 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...	4.356	3.541	3464259	1998758	49.730	49.650
2)	SA Decachlor...	9.983	8.731	4434119	2809015	47.363	49.883
Target Compounds							
3)	L1 AR-1016-1	5.661	4.769	1037980	666875	377.259	386.657
4)	L1 AR-1016-2	5.683	4.787	1489613	923570	367.808	383.086
5)	L1 AR-1016-3	5.746	4.972	899331	486565	379.245	391.990
6)	L1 AR-1016-4	5.852	5.029	741575	407985	374.424	419.194
7)	L1 AR-1016-5	6.161	5.249	699440	502940	360.097	391.631
8)	L2 AR-1221-1	4.608	3.792	78853	63042	117.274	132.275
9)	L2 AR-1221-2	4.707	3.888	156281	93207	288.577	245.395
10)	L2 AR-1221-3	4.794	3.974	502166	329436	281.866	286.384
11)	L3 AR-1232-1	4.794	3.974	502166	329436	343.330	374.140
12)	L3 AR-1232-2	5.368	4.787	695110	923570	841.592	933.344
13)	L3 AR-1232-3	5.683	4.972	1489613	486565	928.596	908.851
14)	L3 AR-1232-4	5.852	5.071	741575	453531	939.434	1066.215
15)	L3 AR-1232-5	5.950	5.249	551774	502940	1073.594	1018.508
16)	L4 AR-1242-1	5.661	4.769	1037980	666875	485.438	495.086
17)	L4 AR-1242-2	5.683	4.787	1489613	923570	474.653	486.249
18)	L4 AR-1242-3	5.746	4.972	899331	486565	475.433	483.319
19)	L4 AR-1242-4	5.852	5.071	741575	453531	458.778	506.063
20)	L4 AR-1242-5	6.623	5.626	943386	635930	450.876	470.003
21)	L5 AR-1248-1	5.661	4.769	1037980	666875	623.852	637.410
22)	L5 AR-1248-2	5.950	5.029	551774	407985	262.783	301.701
23)	L5 AR-1248-3	6.161	5.071	699440	453531	279.510	357.009 #
24)	L5 AR-1248-4	6.587	5.249	985745	502940	280.933	306.078
25)	L5 AR-1248-5	6.623	5.667	943386	547416	289.137	313.959
26)	L6 AR-1254-1	6.555	5.626	772413	635930	231.087	229.448
27)	L6 AR-1254-2	6.785	5.785	795449	146257	151.133	59.007 #
28)	L6 AR-1254-3	7.157	6.195	352519	223755	64.839	55.987
29)	L6 AR-1254-4	7.452	6.435	298667	203249	57.611	67.750
30)	L6 AR-1254-5	7.873	6.857	73960	65701	13.987	16.626
31)	L7 AR-1260-1	7.320	6.336	11272	105854	2.734	39.999 #
32)	L7 AR-1260-2	7.584	6.532	37566	23882	6.044	6.508
33)	L7 AR-1260-3	0.000	6.674	0	22865	N.D.	7.365 #
34)	L7 AR-1260-4	8.169	7.188f	49715	17000	9.765	6.096 #
35)	L7 AR-1260-5	8.488	7.405	39329	7577	3.301	0.968 #
36)	L8 AR-1262-1	0.000	6.857	0	65701	N.D.	31.469 #
37)	L8 AR-1262-2	8.488	7.405	39329	7577	3.029	0.885 #
38)	L8 AR-1262-3	0.000	7.687	0	8997	N.D.	2.537 #
39)	L8 AR-1262-4	8.831	7.747	14354	10479	4.422	1.722 #
40)	L8 AR-1262-5	0.000	8.257	0	37376	N.D.	12.460 #
41)	L9 AR-1268-1	0.000	7.687	0	8997	N.D.	0.842 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082120\
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 Acq On : 21 Aug 2020 10:26
 Operator : DD\AJ
 Sample : AR1242CCC500
 Misc : FOR RT STUDY
 ALS Vial : 6 Sample Multiplier: 1

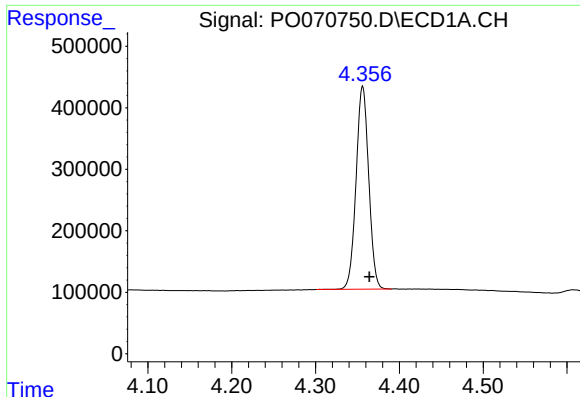
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 14:33:51 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0082020.M
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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
42) L9	AR-1268-2	8.831	7.747	14354	10479	1.075	1.158
43) L9	AR-1268-3	9.014	7.954	21381	24105	1.858	3.119 #
44) L9	AR-1268-4	0.000	8.257	0	37376	N.D.	10.889 #
45) L9	AR-1268-5	9.720	8.516	40371	51903	1.194	2.292 #

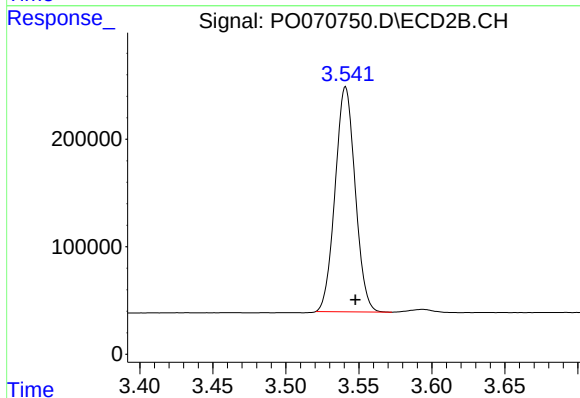
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

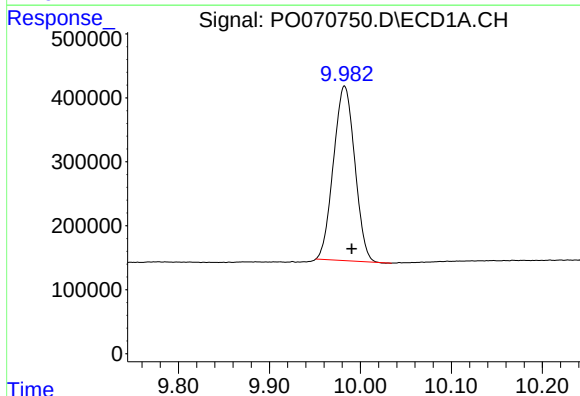
R.T.: 4.356 min
Delta R.T.: -0.008 min
Response: 3464259
Conc: 49.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



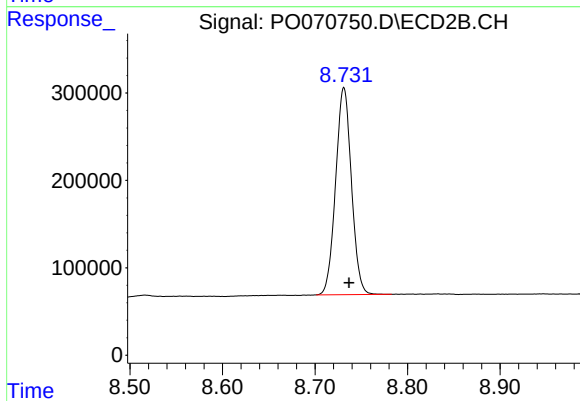
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: -0.007 min
Response: 1998758
Conc: 49.65 ng/ml



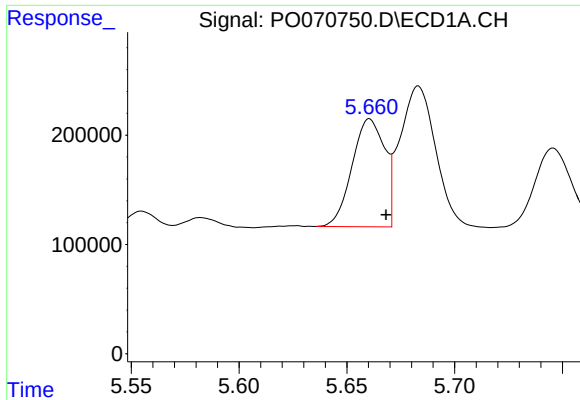
#2 Decachlorobiphenyl

R.T.: 9.983 min
Delta R.T.: -0.008 min
Response: 4434119
Conc: 47.36 ng/ml



#2 Decachlorobiphenyl

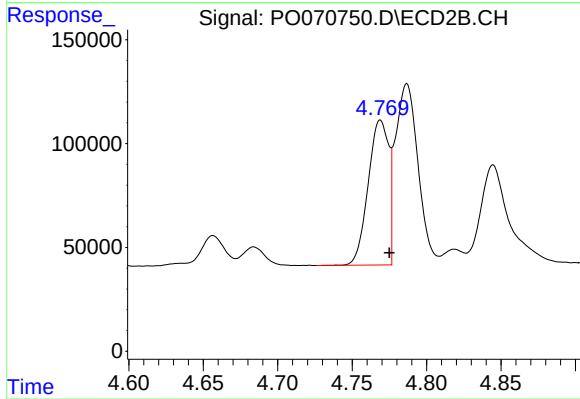
R.T.: 8.731 min
Delta R.T.: -0.006 min
Response: 2809015
Conc: 49.88 ng/ml



#3 AR-1016-1

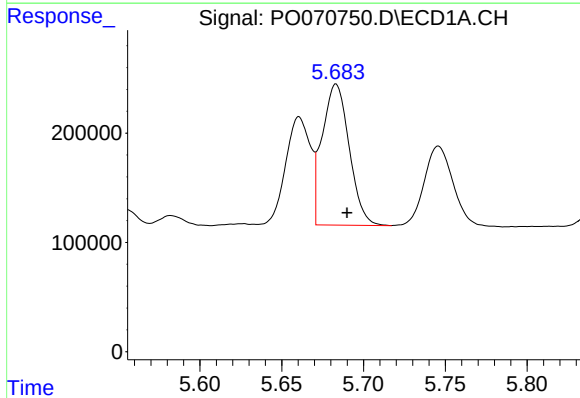
R.T.: 5.661 min
Delta R.T.: -0.008 min
Response: 1037980
Conc: 377.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



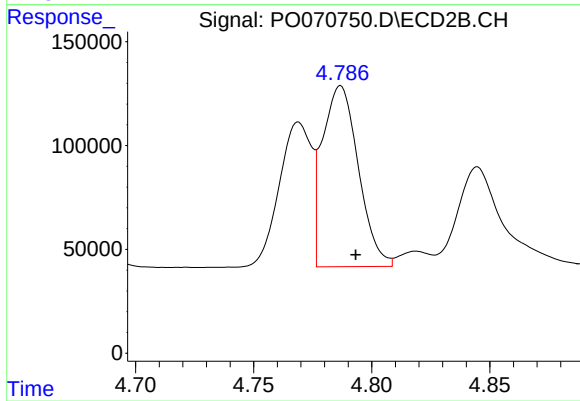
#3 AR-1016-1

R.T.: 4.769 min
Delta R.T.: -0.006 min
Response: 666875
Conc: 386.66 ng/ml



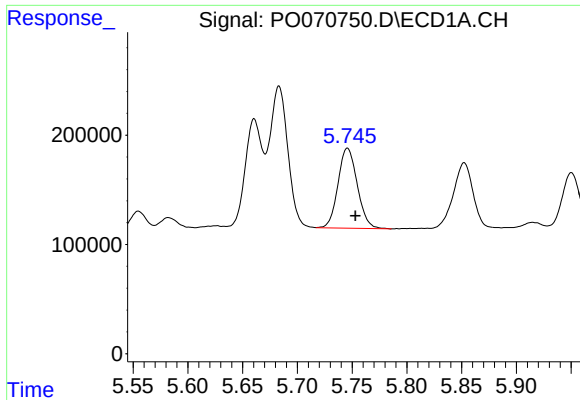
#4 AR-1016-2

R.T.: 5.683 min
Delta R.T.: -0.007 min
Response: 1489613
Conc: 367.81 ng/ml



#4 AR-1016-2

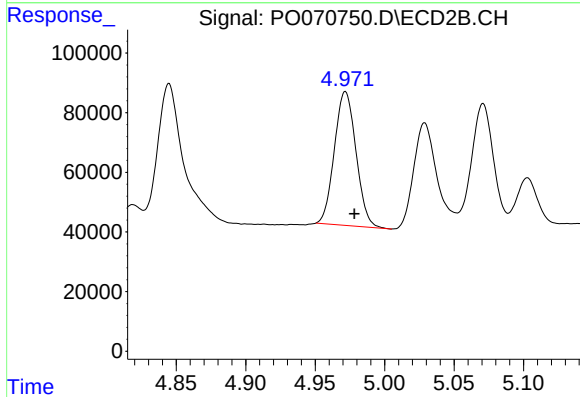
R.T.: 4.787 min
Delta R.T.: -0.006 min
Response: 923570
Conc: 383.09 ng/ml



#5 AR-1016-3

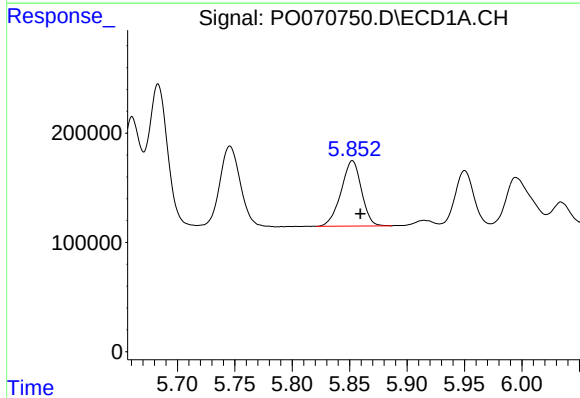
R.T.: 5.746 min
Delta R.T.: -0.007 min
Response: 899331
Conc: 379.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



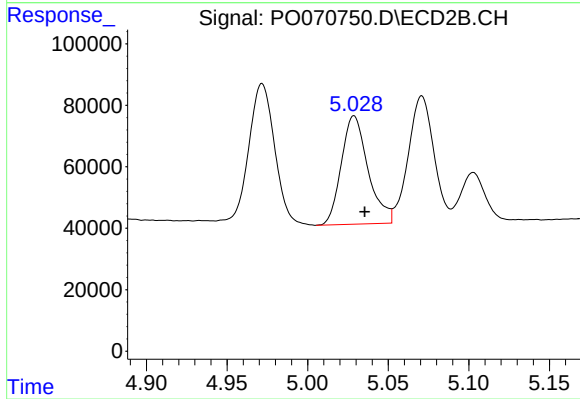
#5 AR-1016-3

R.T.: 4.972 min
Delta R.T.: -0.006 min
Response: 486565
Conc: 391.99 ng/ml



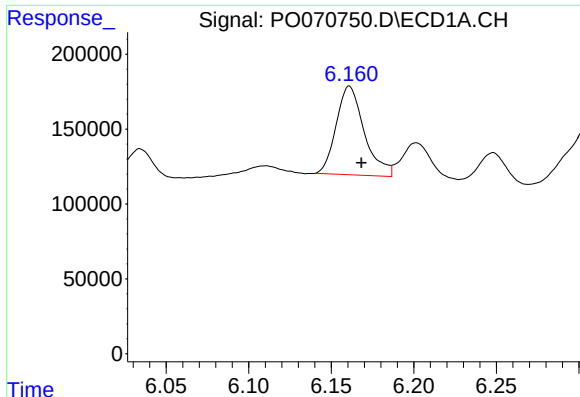
#6 AR-1016-4

R.T.: 5.852 min
Delta R.T.: -0.007 min
Response: 741575
Conc: 374.42 ng/ml



#6 AR-1016-4

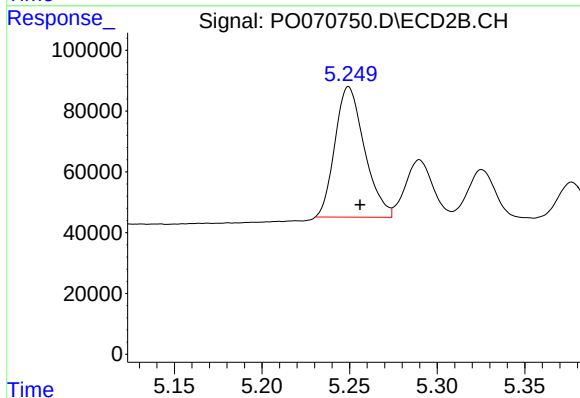
R.T.: 5.029 min
Delta R.T.: -0.007 min
Response: 407985
Conc: 419.19 ng/ml



#7 AR-1016-5

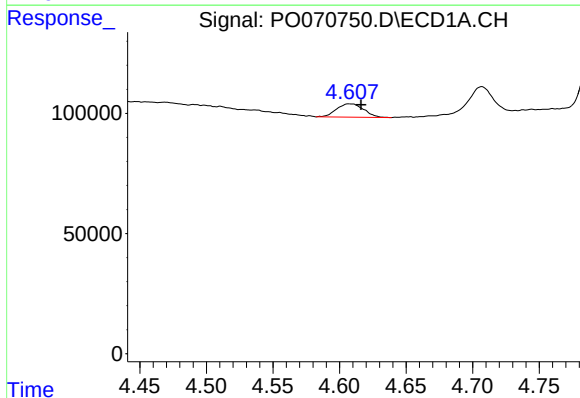
R.T.: 6.161 min
Delta R.T.: -0.007 min
Response: 699440
Conc: 360.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



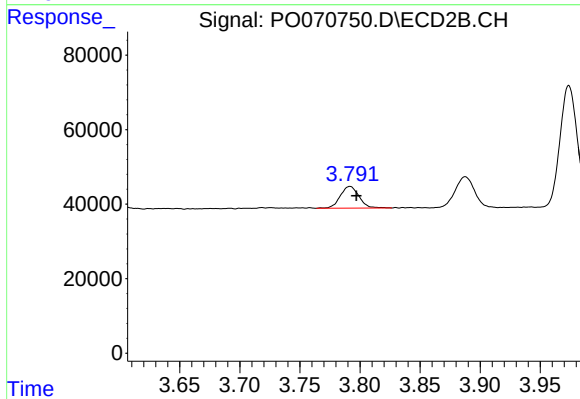
#7 AR-1016-5

R.T.: 5.249 min
Delta R.T.: -0.007 min
Response: 502940
Conc: 391.63 ng/ml



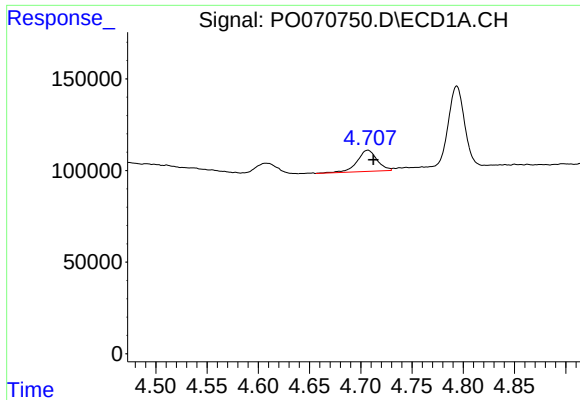
#8 AR-1221-1

R.T.: 4.608 min
Delta R.T.: -0.009 min
Response: 78853
Conc: 117.27 ng/ml



#8 AR-1221-1

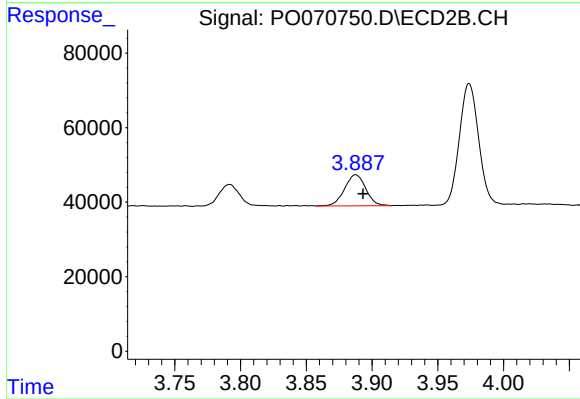
R.T.: 3.792 min
Delta R.T.: -0.005 min
Response: 63042
Conc: 132.27 ng/ml



#9 AR-1221-2

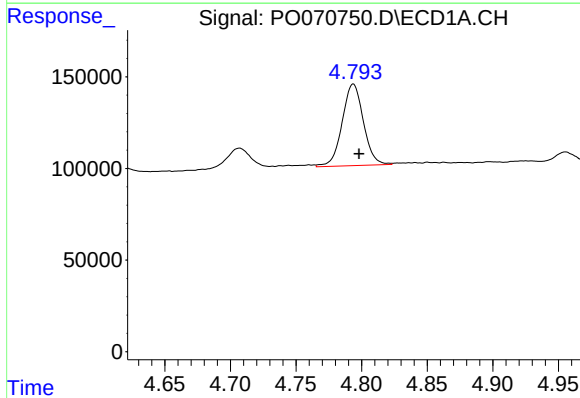
R.T.: 4.707 min
Delta R.T.: -0.005 min
Response: 156281
Conc: 288.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



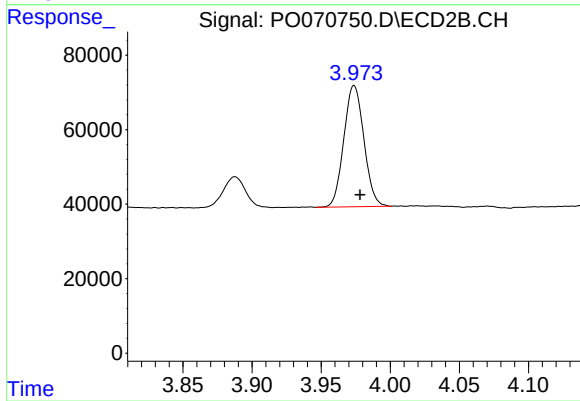
#9 AR-1221-2

R.T.: 3.888 min
Delta R.T.: -0.006 min
Response: 93207
Conc: 245.39 ng/ml



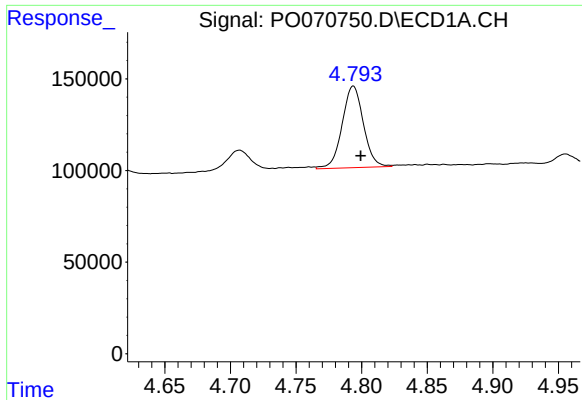
#10 AR-1221-3

R.T.: 4.794 min
Delta R.T.: -0.004 min
Response: 502166
Conc: 281.87 ng/ml



#10 AR-1221-3

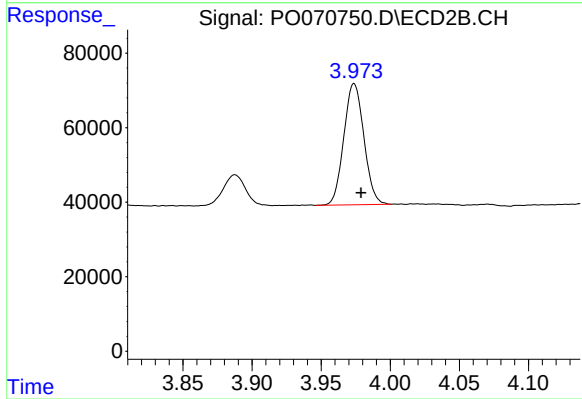
R.T.: 3.974 min
Delta R.T.: -0.004 min
Response: 329436
Conc: 286.38 ng/ml



#11 AR-1232-1

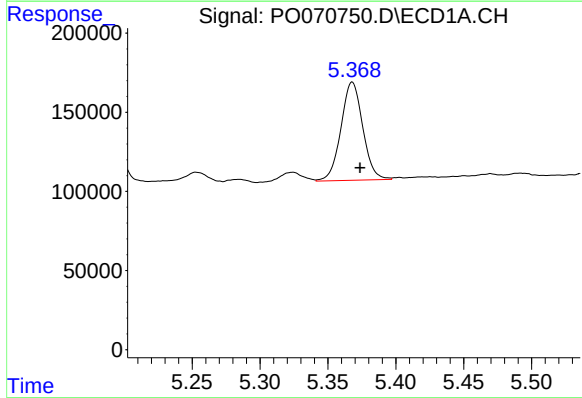
R.T.: 4.794 min
Delta R.T.: -0.006 min
Response: 502166
Conc: 343.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



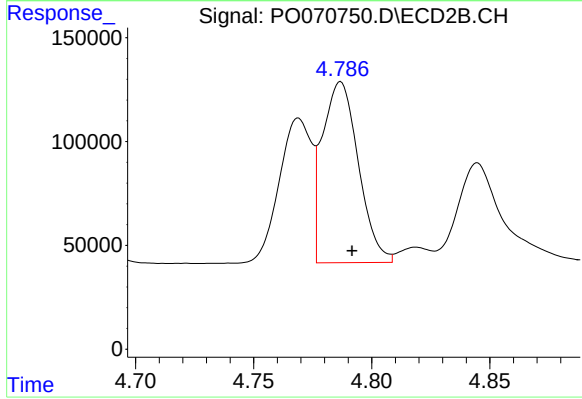
#11 AR-1232-1

R.T.: 3.974 min
Delta R.T.: -0.005 min
Response: 329436
Conc: 374.14 ng/ml



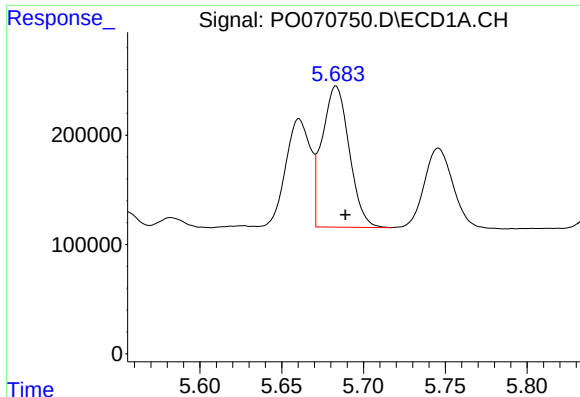
#12 AR-1232-2

R.T.: 5.368 min
Delta R.T.: -0.006 min
Response: 695110
Conc: 841.59 ng/ml



#12 AR-1232-2

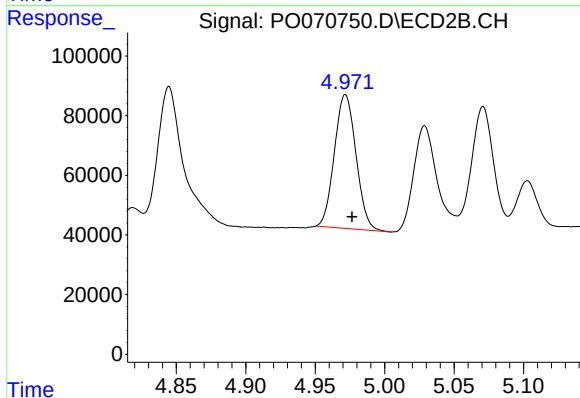
R.T.: 4.787 min
Delta R.T.: -0.005 min
Response: 923570
Conc: 933.34 ng/ml



#13 AR-1232-3

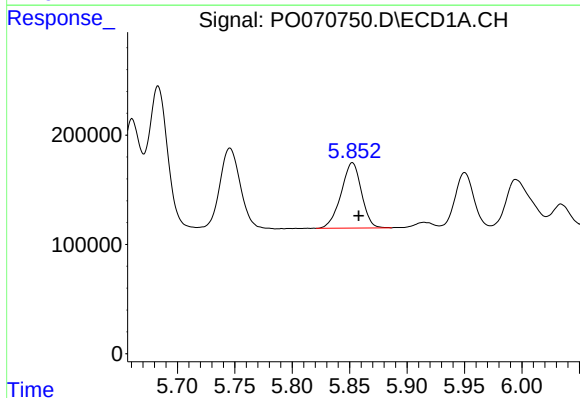
R.T.: 5.683 min
Delta R.T.: -0.006 min
Response: 1489613
Conc: 928.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



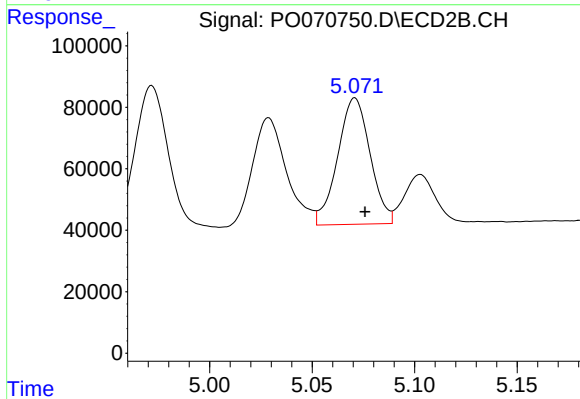
#13 AR-1232-3

R.T.: 4.972 min
Delta R.T.: -0.005 min
Response: 486565
Conc: 908.85 ng/ml



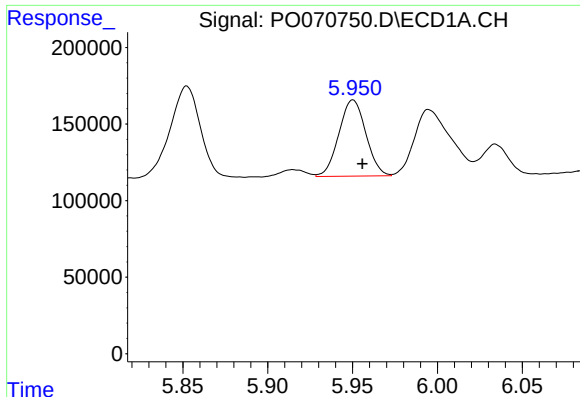
#14 AR-1232-4

R.T.: 5.852 min
Delta R.T.: -0.006 min
Response: 741575
Conc: 939.43 ng/ml



#14 AR-1232-4

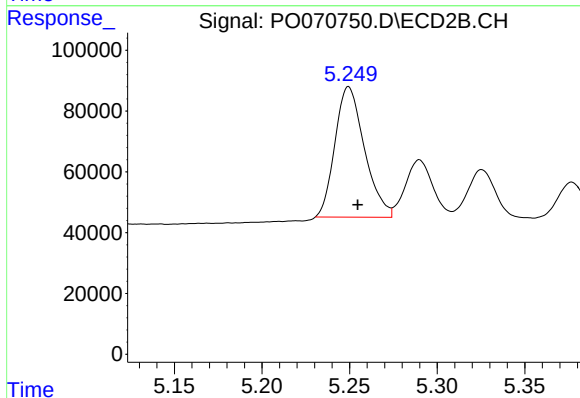
R.T.: 5.071 min
Delta R.T.: -0.005 min
Response: 453531
Conc: 1066.22 ng/ml



#15 AR-1232-5

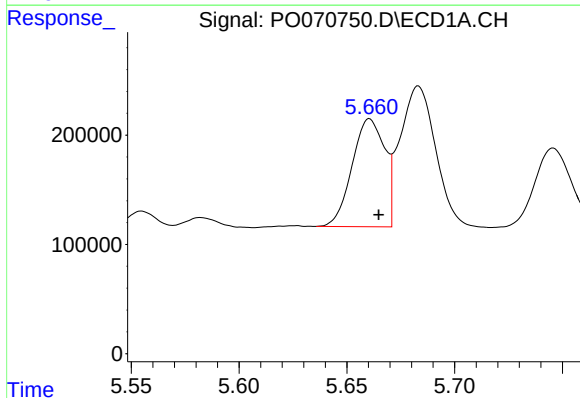
R.T.: 5.950 min
Delta R.T.: -0.005 min
Response: 551774
Conc: 1073.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



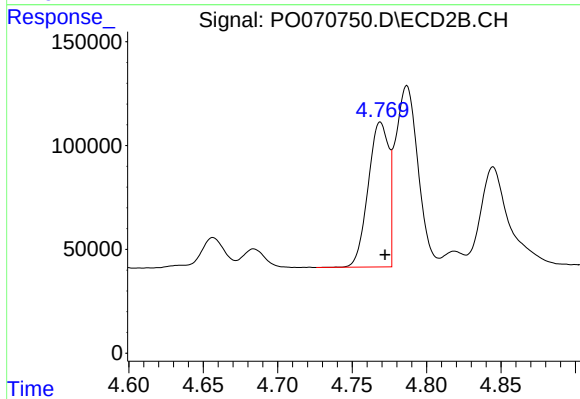
#15 AR-1232-5

R.T.: 5.249 min
Delta R.T.: -0.005 min
Response: 502940
Conc: 1018.51 ng/ml



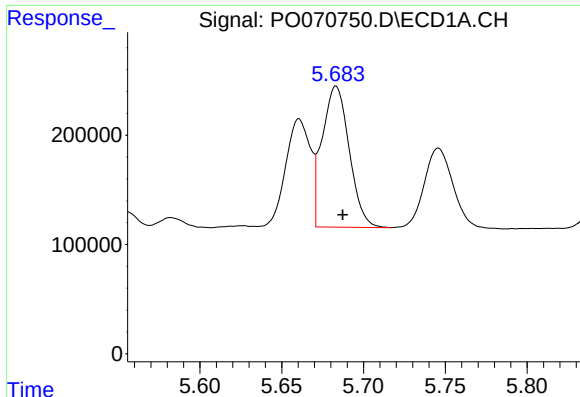
#16 AR-1242-1

R.T.: 5.661 min
Delta R.T.: -0.004 min
Response: 1037980
Conc: 485.44 ng/ml



#16 AR-1242-1

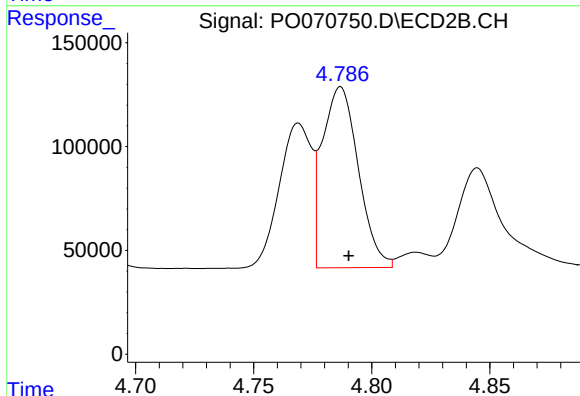
R.T.: 4.769 min
Delta R.T.: -0.003 min
Response: 666875
Conc: 495.09 ng/ml



#17 AR-1242-2

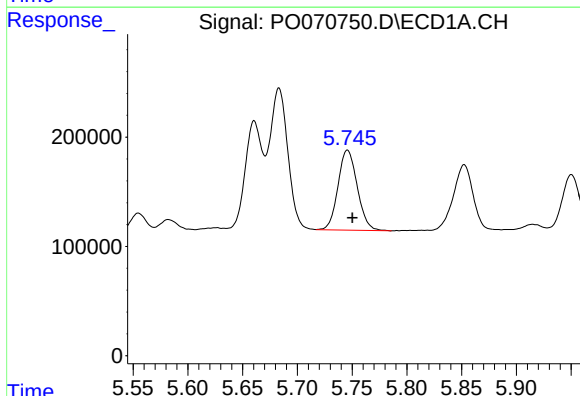
R.T.: 5.683 min
Delta R.T.: -0.004 min
Response: 1489613
Conc: 474.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



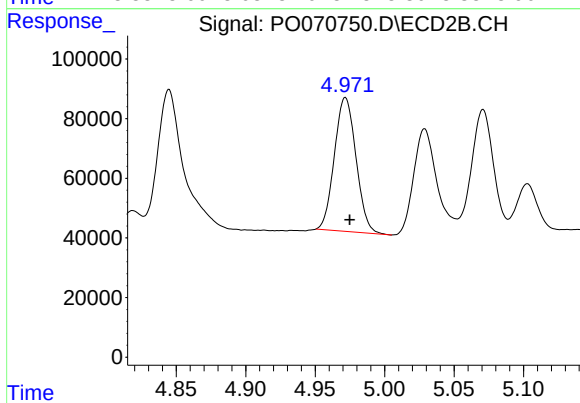
#17 AR-1242-2

R.T.: 4.787 min
Delta R.T.: -0.003 min
Response: 923570
Conc: 486.25 ng/ml



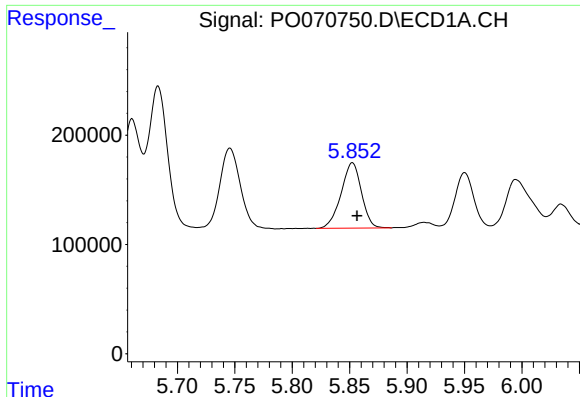
#18 AR-1242-3

R.T.: 5.746 min
Delta R.T.: -0.004 min
Response: 899331
Conc: 475.43 ng/ml



#18 AR-1242-3

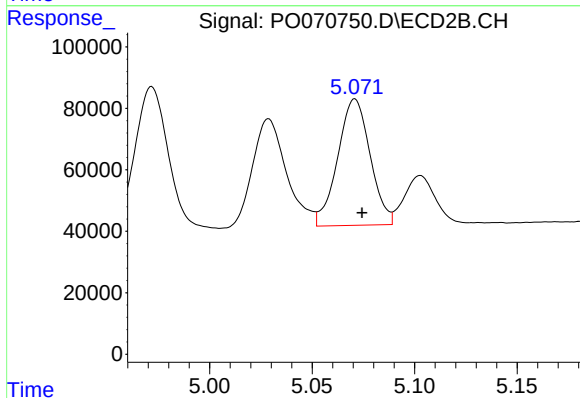
R.T.: 4.972 min
Delta R.T.: -0.003 min
Response: 486565
Conc: 483.32 ng/ml



#19 AR-1242-4

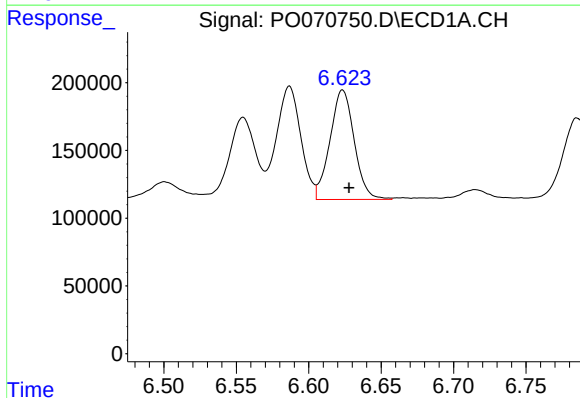
R.T.: 5.852 min
Delta R.T.: -0.004 min
Response: 741575
Conc: 458.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



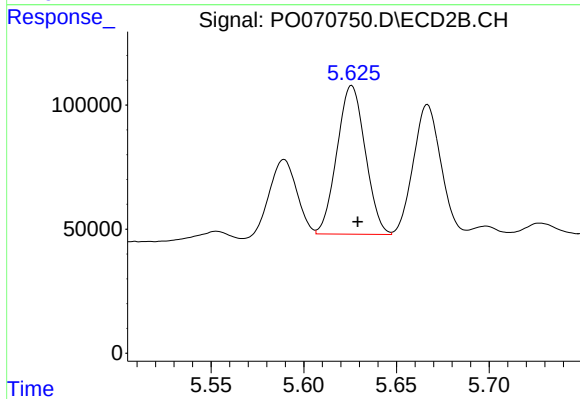
#19 AR-1242-4

R.T.: 5.071 min
Delta R.T.: -0.003 min
Response: 453531
Conc: 506.06 ng/ml



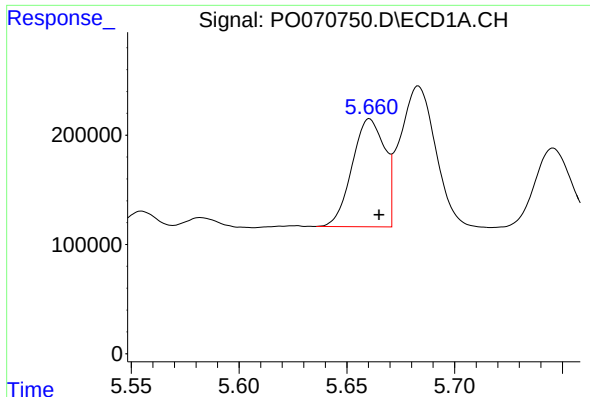
#20 AR-1242-5

R.T.: 6.623 min
Delta R.T.: -0.004 min
Response: 943386
Conc: 450.88 ng/ml



#20 AR-1242-5

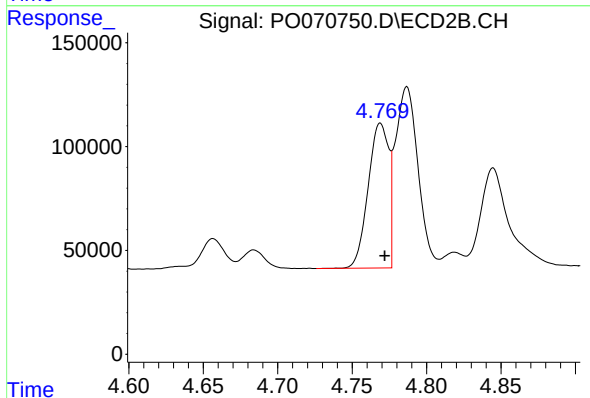
R.T.: 5.626 min
Delta R.T.: -0.003 min
Response: 635930
Conc: 470.00 ng/ml



#21 AR-1248-1

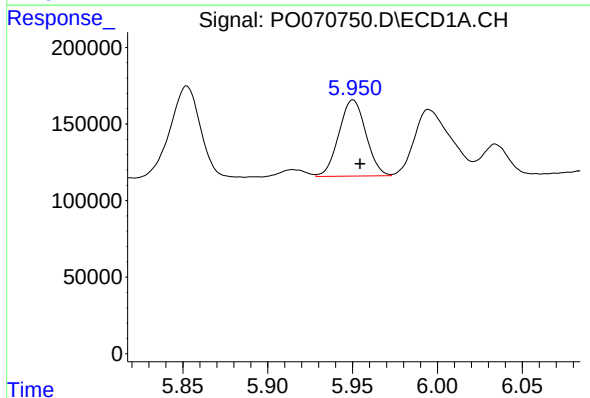
R.T.: 5.661 min
Delta R.T.: -0.004 min
Response: 1037980
Conc: 623.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



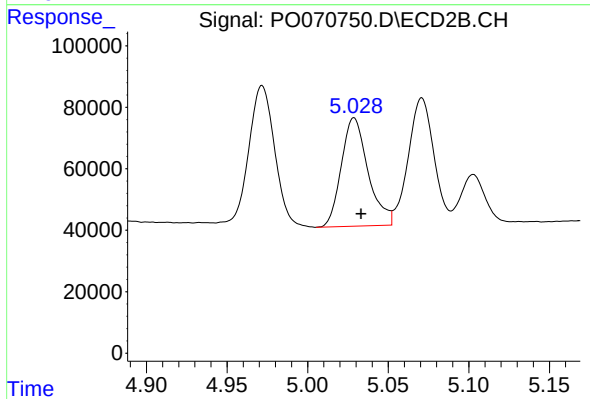
#21 AR-1248-1

R.T.: 4.769 min
Delta R.T.: -0.003 min
Response: 666875
Conc: 637.41 ng/ml



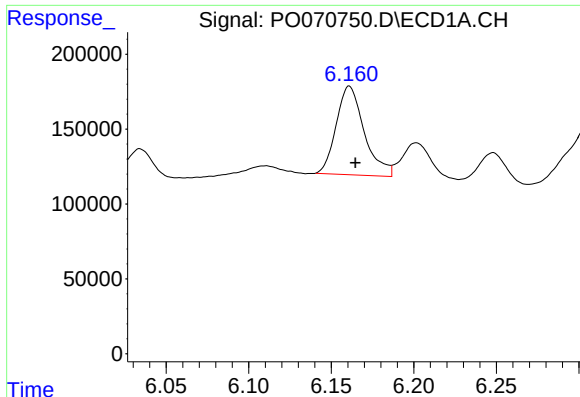
#22 AR-1248-2

R.T.: 5.950 min
Delta R.T.: -0.004 min
Response: 551774
Conc: 262.78 ng/ml



#22 AR-1248-2

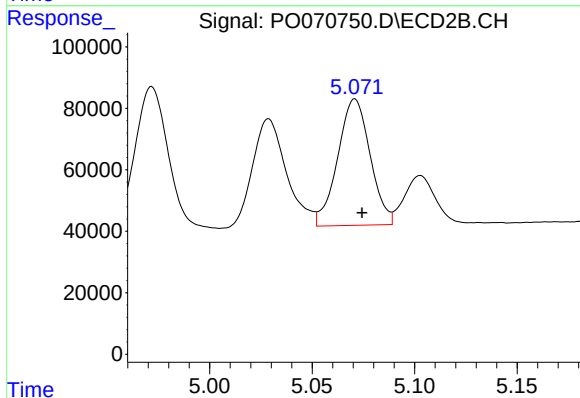
R.T.: 5.029 min
Delta R.T.: -0.004 min
Response: 407985
Conc: 301.70 ng/ml



#23 AR-1248-3

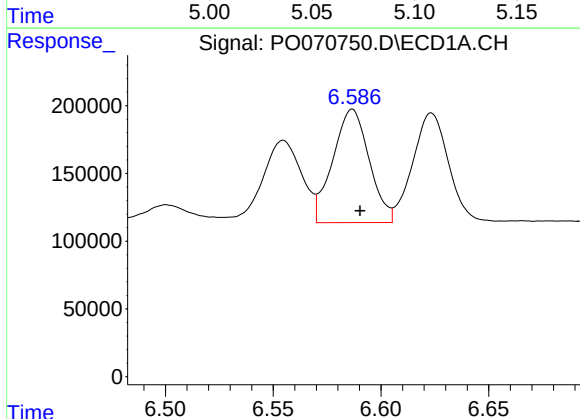
R.T.: 6.161 min
Delta R.T.: -0.004 min
Response: 699440
Conc: 279.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



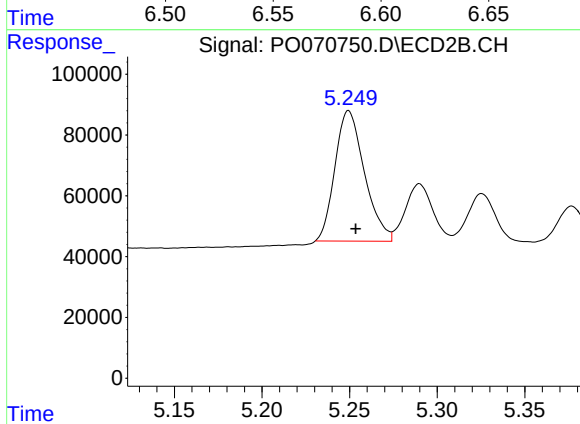
#23 AR-1248-3

R.T.: 5.071 min
Delta R.T.: -0.003 min
Response: 453531
Conc: 357.01 ng/ml



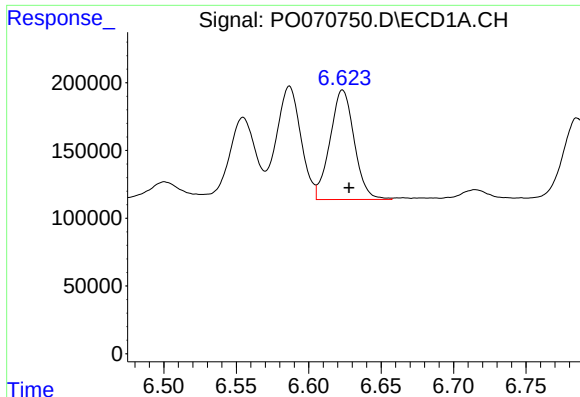
#24 AR-1248-4

R.T.: 6.587 min
Delta R.T.: -0.004 min
Response: 985745
Conc: 280.93 ng/ml



#24 AR-1248-4

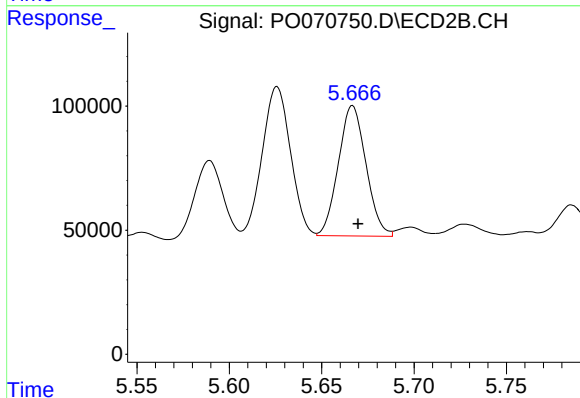
R.T.: 5.249 min
Delta R.T.: -0.004 min
Response: 502940
Conc: 306.08 ng/ml



#25 AR-1248-5

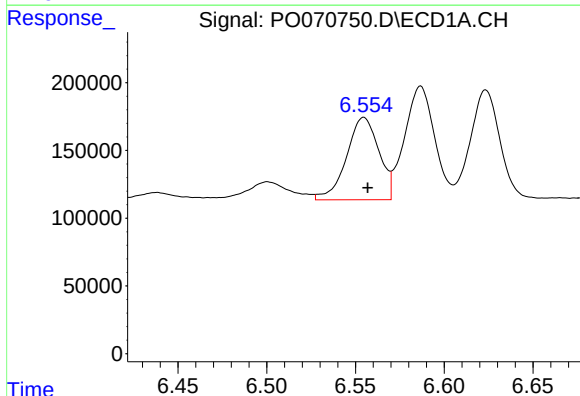
R.T.: 6.623 min
Delta R.T.: -0.004 min
Response: 943386
Conc: 289.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



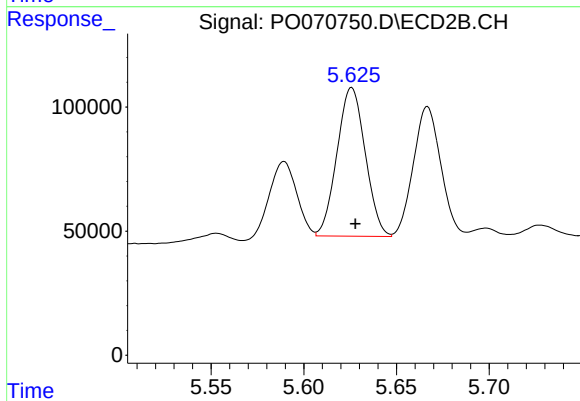
#25 AR-1248-5

R.T.: 5.667 min
Delta R.T.: -0.003 min
Response: 547416
Conc: 313.96 ng/ml



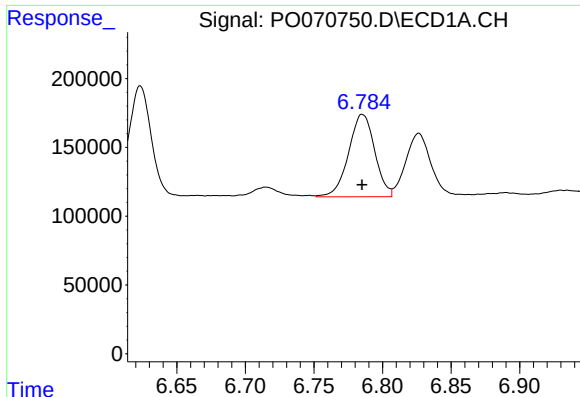
#26 AR-1254-1

R.T.: 6.555 min
Delta R.T.: -0.002 min
Response: 772413
Conc: 231.09 ng/ml



#26 AR-1254-1

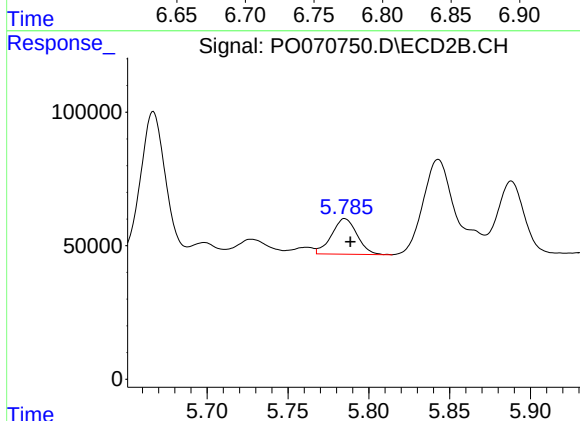
R.T.: 5.626 min
Delta R.T.: -0.002 min
Response: 635930
Conc: 229.45 ng/ml



#27 AR-1254-2

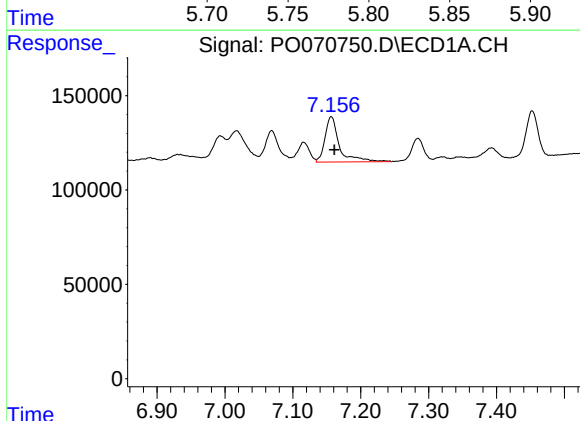
R.T.: 6.785 min
Delta R.T.: 0.000 min
Response: 795449
Conc: 151.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



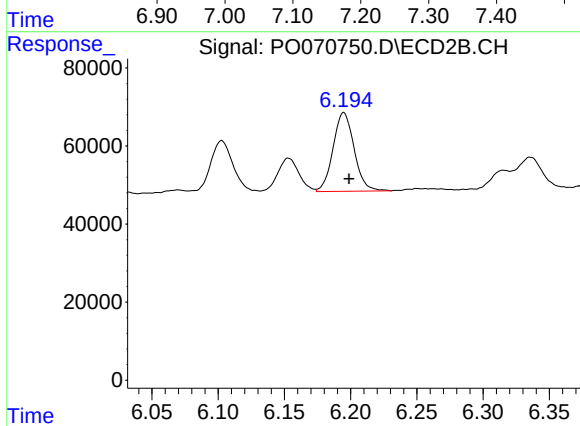
#27 AR-1254-2

R.T.: 5.785 min
Delta R.T.: -0.003 min
Response: 146257
Conc: 59.01 ng/ml



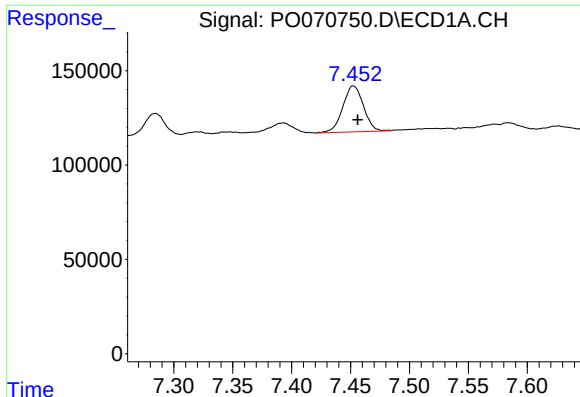
#28 AR-1254-3

R.T.: 7.157 min
Delta R.T.: -0.005 min
Response: 352519
Conc: 64.84 ng/ml



#28 AR-1254-3

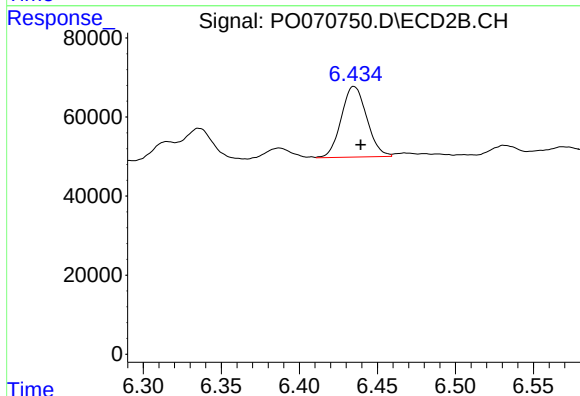
R.T.: 6.195 min
Delta R.T.: -0.004 min
Response: 223755
Conc: 55.99 ng/ml



#29 AR-1254-4

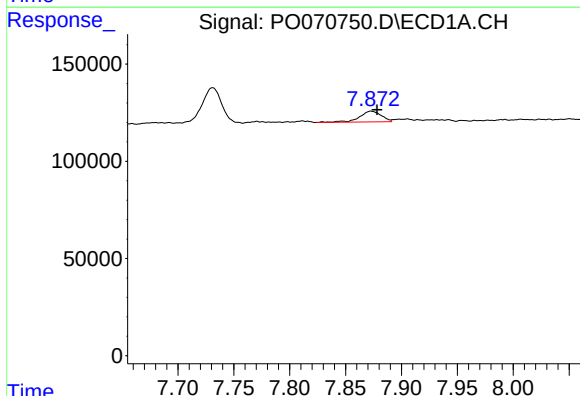
R.T.: 7.452 min
Delta R.T.: -0.004 min
Response: 298667
Conc: 57.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



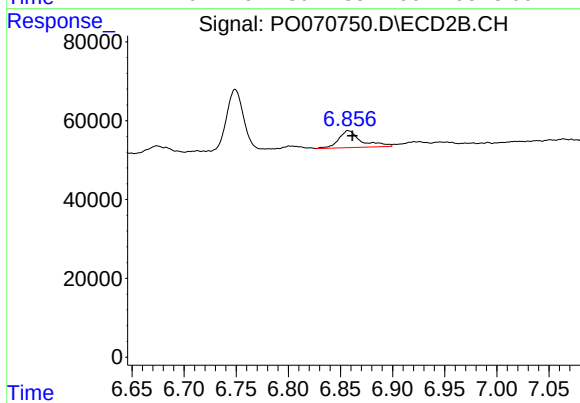
#29 AR-1254-4

R.T.: 6.435 min
Delta R.T.: -0.004 min
Response: 203249
Conc: 67.75 ng/ml



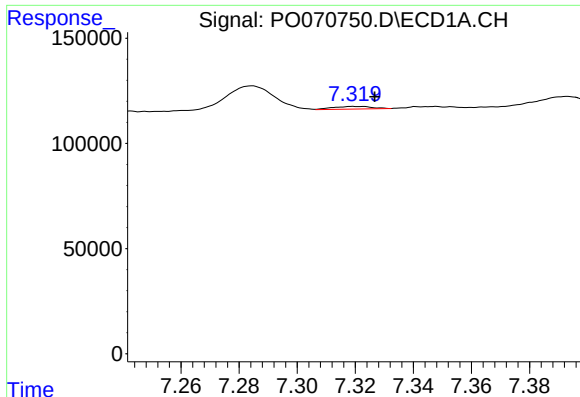
#30 AR-1254-5

R.T.: 7.873 min
Delta R.T.: -0.005 min
Response: 73960
Conc: 13.99 ng/ml



#30 AR-1254-5

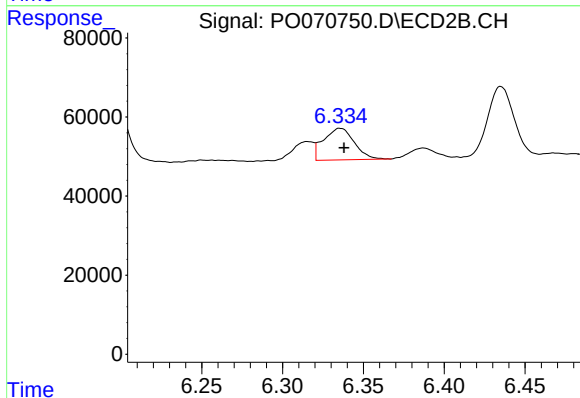
R.T.: 6.857 min
Delta R.T.: -0.004 min
Response: 65701
Conc: 16.63 ng/ml



#31 AR-1260-1

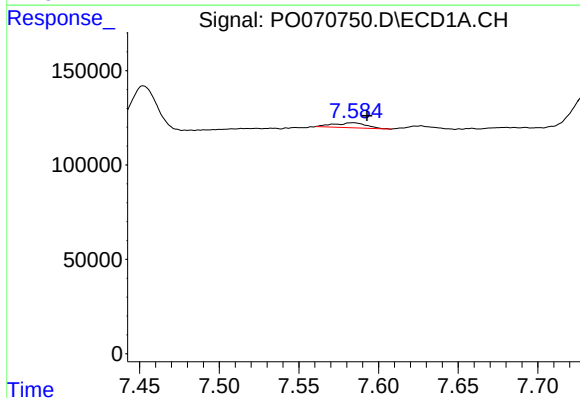
R.T.: 7.320 min
Delta R.T.: -0.007 min
Response: 11272
Conc: 2.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



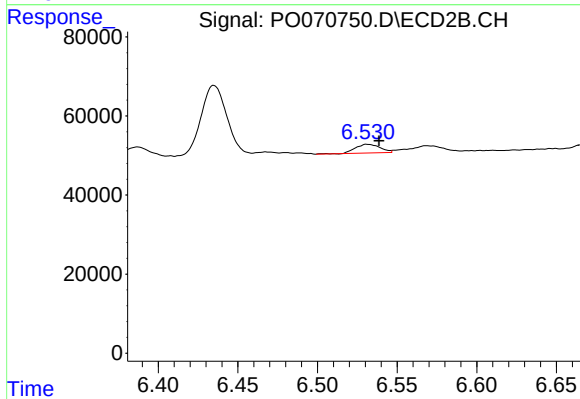
#31 AR-1260-1

R.T.: 6.336 min
Delta R.T.: -0.002 min
Response: 105854
Conc: 40.00 ng/ml



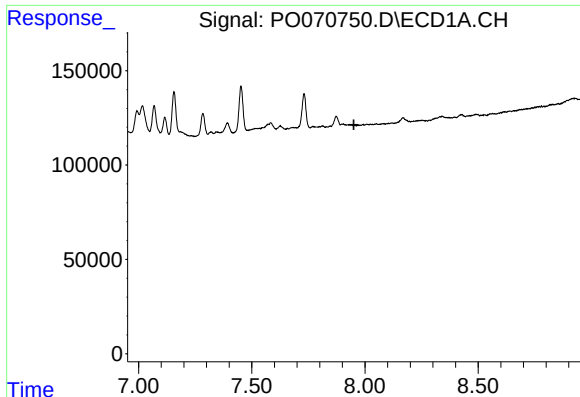
#32 AR-1260-2

R.T.: 7.584 min
Delta R.T.: -0.009 min
Response: 37566
Conc: 6.04 ng/ml



#32 AR-1260-2

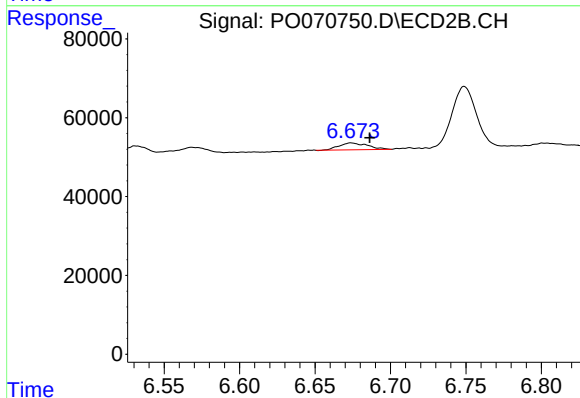
R.T.: 6.532 min
Delta R.T.: -0.007 min
Response: 23882
Conc: 6.51 ng/ml



#33 AR-1260-3

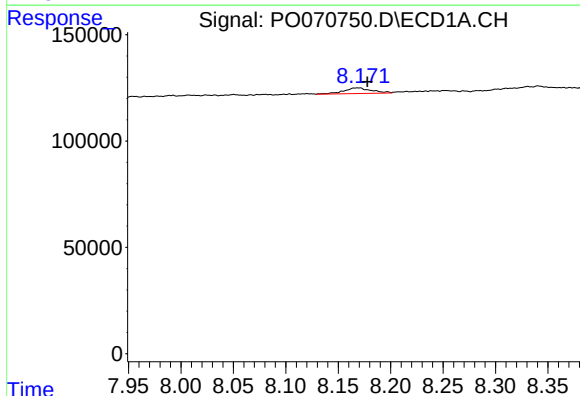
R.T.: 0.000 min
Exp R.T.: 7.951 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



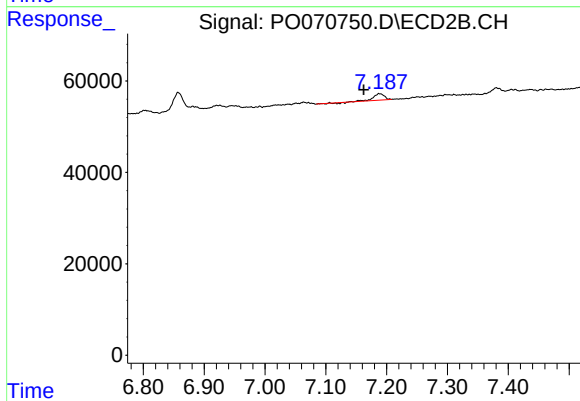
#33 AR-1260-3

R.T.: 6.674 min
Delta R.T.: -0.012 min
Response: 22865
Conc: 7.36 ng/ml



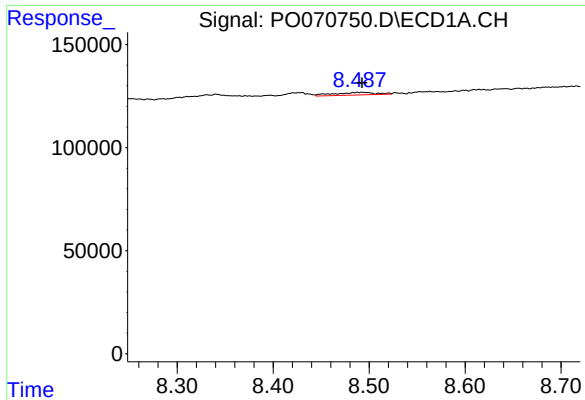
#34 AR-1260-4

R.T.: 8.169 min
Delta R.T.: -0.009 min
Response: 49715
Conc: 9.77 ng/ml



#34 AR-1260-4

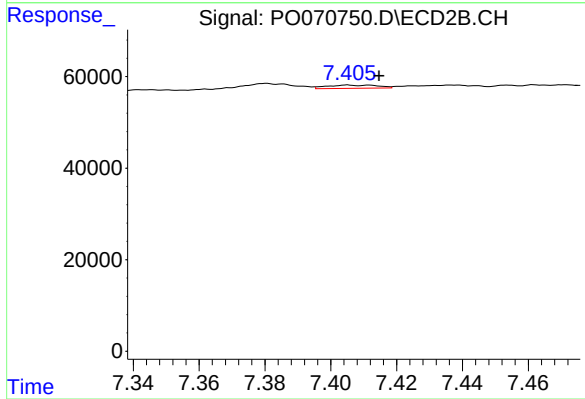
R.T.: 7.188 min
Delta R.T.: 0.026 min
Response: 17000
Conc: 6.10 ng/ml



#35 AR-1260-5

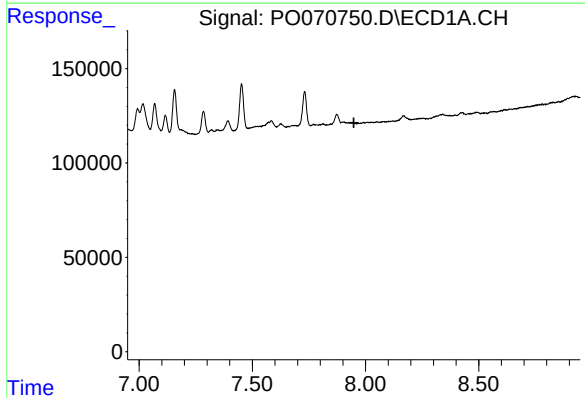
R.T.: 8.488 min
Delta R.T.: -0.005 min
Response: 39329
Conc: 3.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



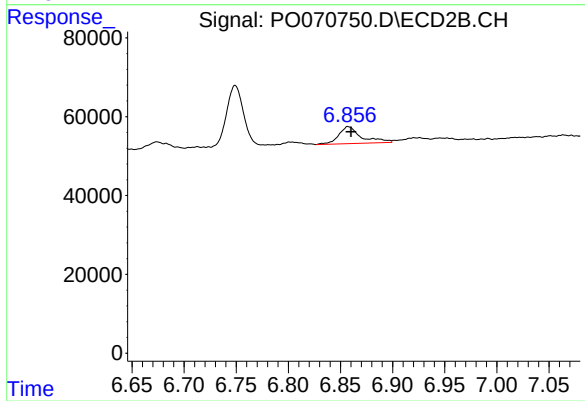
#35 AR-1260-5

R.T.: 7.405 min
Delta R.T.: -0.010 min
Response: 7577
Conc: 0.97 ng/ml



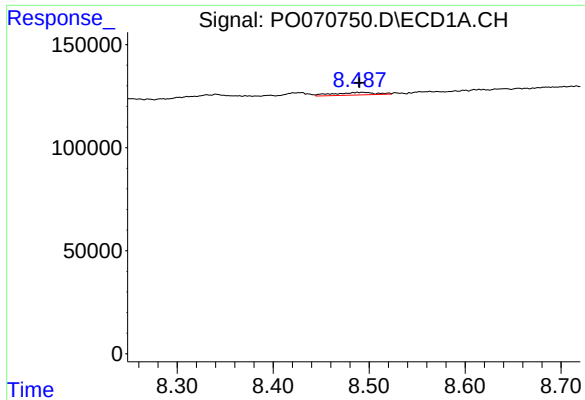
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.948 min
Response: 0
Conc: N.D.



#36 AR-1262-1

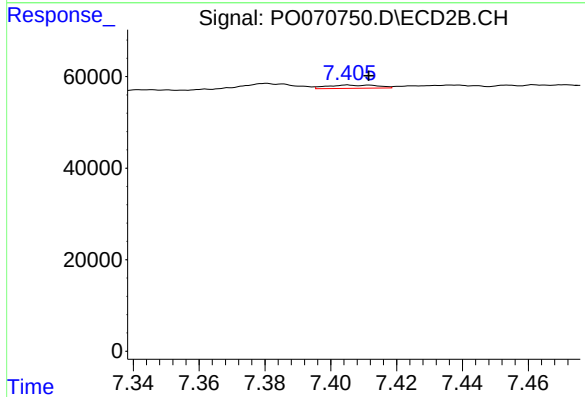
R.T.: 6.857 min
Delta R.T.: -0.003 min
Response: 65701
Conc: 31.47 ng/ml



#37 AR-1262-2

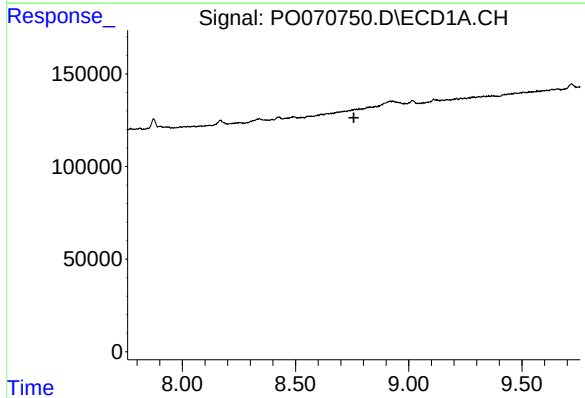
R.T.: 8.488 min
Delta R.T.: -0.002 min
Response: 39329
Conc: 3.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



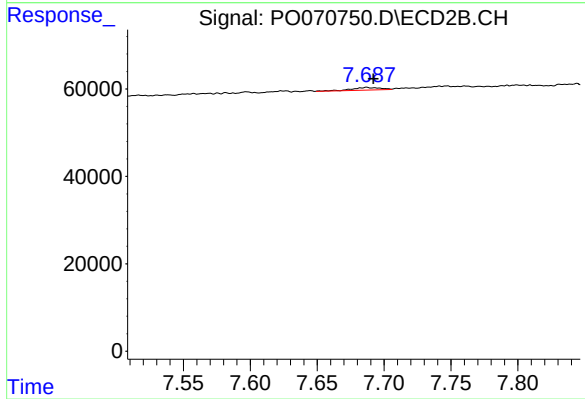
#37 AR-1262-2

R.T.: 7.405 min
Delta R.T.: -0.006 min
Response: 7577
Conc: 0.88 ng/ml



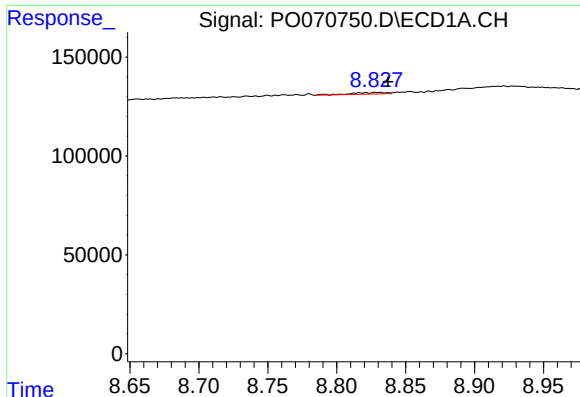
#38 AR-1262-3

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



#38 AR-1262-3

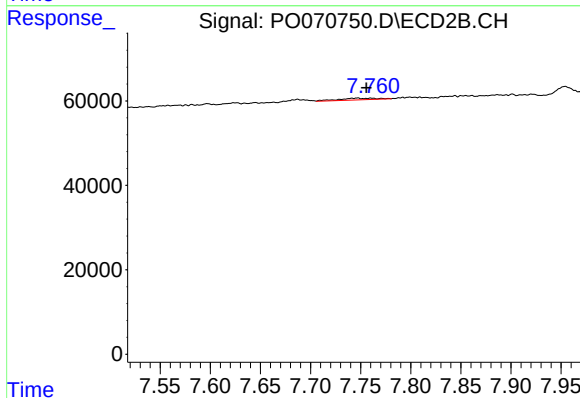
R.T.: 7.687 min
Delta R.T.: -0.005 min
Response: 8997
Conc: 2.54 ng/ml



#39 AR-1262-4

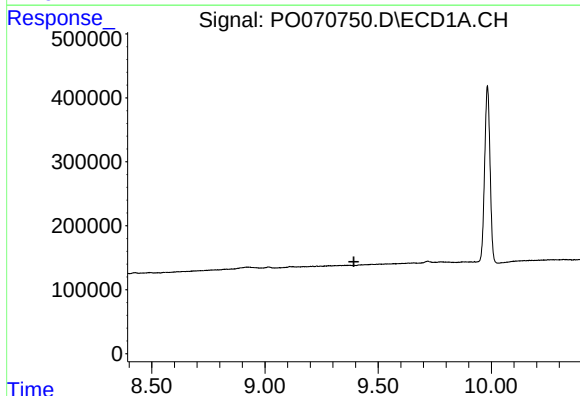
R.T.: 8.831 min
Delta R.T.: -0.006 min
Response: 14354
Conc: 4.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



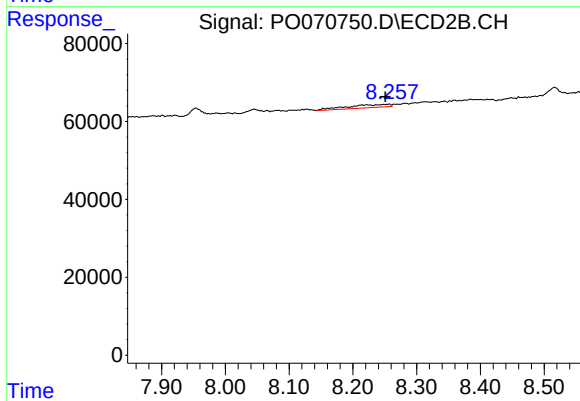
#39 AR-1262-4

R.T.: 7.747 min
Delta R.T.: -0.009 min
Response: 10479
Conc: 1.72 ng/ml



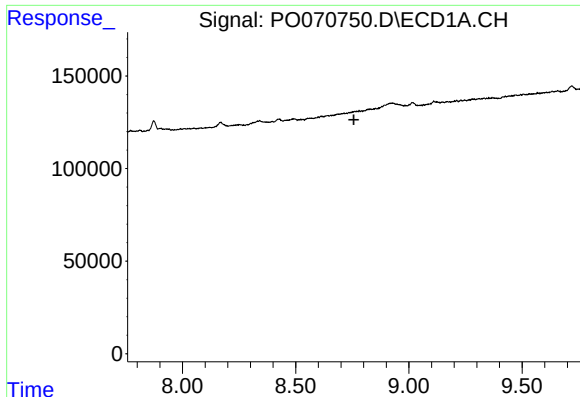
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.393 min
Response: 0
Conc: N.D.



#40 AR-1262-5

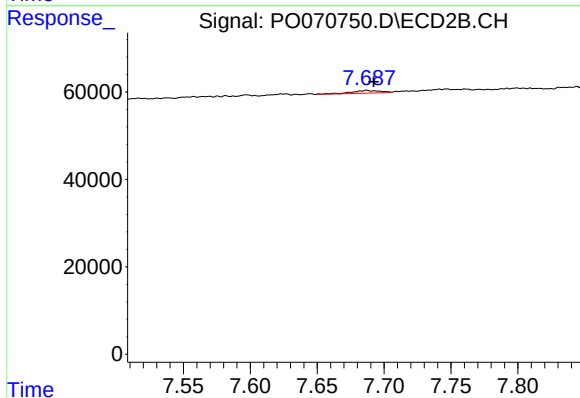
R.T.: 8.257 min
Delta R.T.: 0.006 min
Response: 37376
Conc: 12.46 ng/ml



#41 AR-1268-1

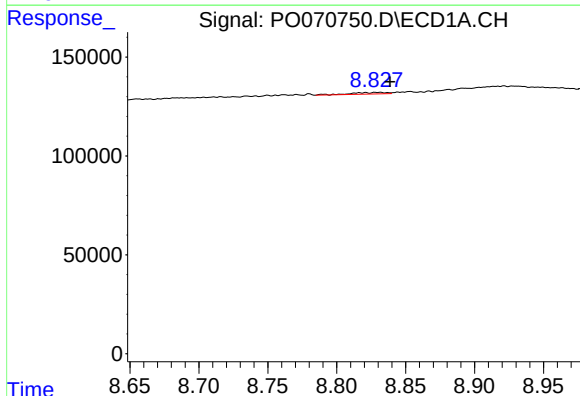
R.T.: 0.000 min
Exp R.T.: 8.757 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



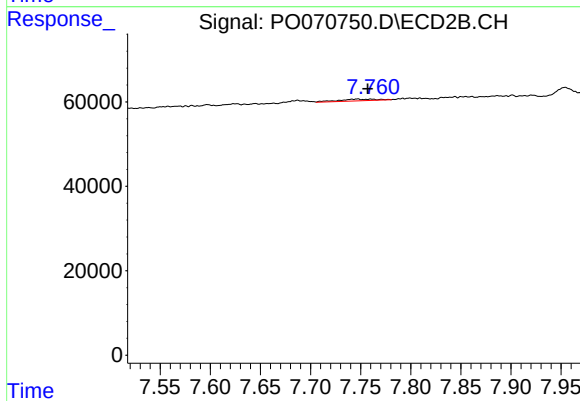
#41 AR-1268-1

R.T.: 7.687 min
Delta R.T.: -0.005 min
Response: 8997
Conc: 0.84 ng/ml



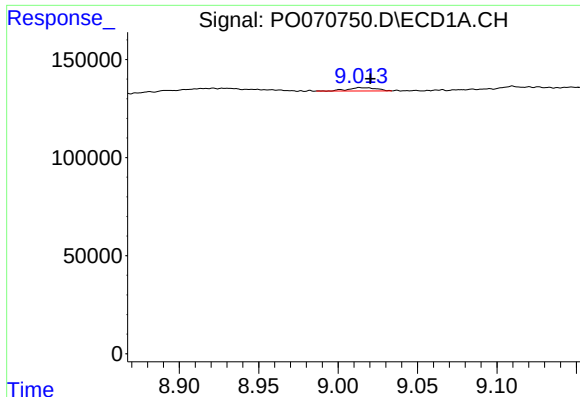
#42 AR-1268-2

R.T.: 8.831 min
Delta R.T.: -0.008 min
Response: 14354
Conc: 1.08 ng/ml



#42 AR-1268-2

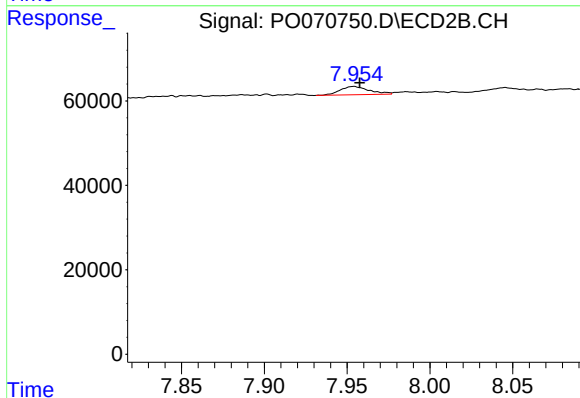
R.T.: 7.747 min
Delta R.T.: -0.010 min
Response: 10479
Conc: 1.16 ng/ml



#43 AR-1268-3

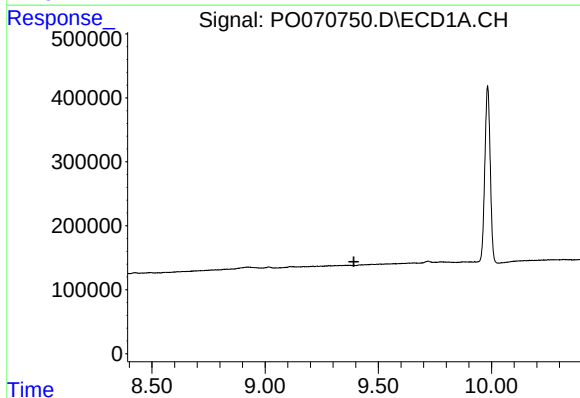
R.T.: 9.014 min
Delta R.T.: -0.006 min
Response: 21381
Conc: 1.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



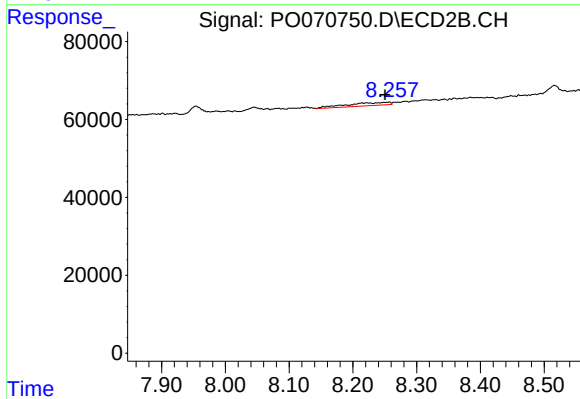
#43 AR-1268-3

R.T.: 7.954 min
Delta R.T.: -0.004 min
Response: 24105
Conc: 3.12 ng/ml



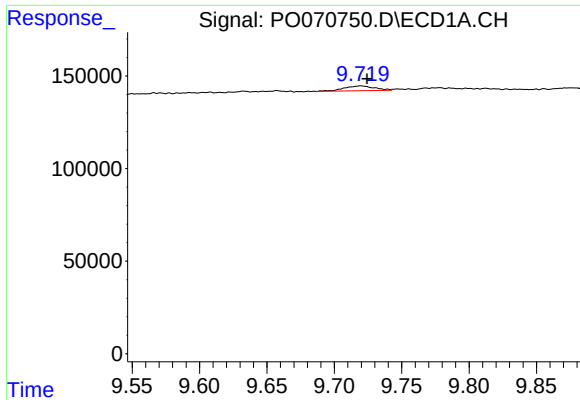
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.392 min
Response: 0
Conc: N.D.



#44 AR-1268-4

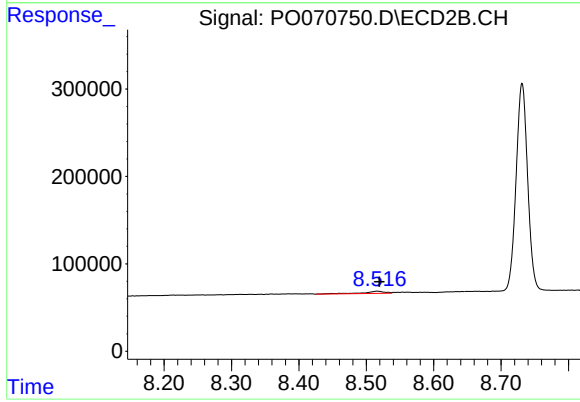
R.T.: 8.257 min
Delta R.T.: 0.006 min
Response: 37376
Conc: 10.89 ng/ml



#45 AR-1268-5

R.T.: 9.720 min
Delta R.T.: -0.005 min
Response: 40371
Conc: 1.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.516 min
Delta R.T.: -0.003 min
Response: 51903
Conc: 2.29 ng/ml