

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082220\
 Data File : P0070793.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 22 Aug 2020 2:51
 Operator : DD\AJ
 Sample : AR1221CCC500
 Misc : FOR RT STUDY
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 24 06:27:35 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	3.556	3401751	1900520	48.833	47.210
2)	SA Decachlor...	10.001	8.744	4198248	2809514	44.843	49.892
Target Compounds							
3)	L1 AR-1016-1	5.677	4.783	105542	72718	38.360	42.162
4)	L1 AR-1016-2	5.700	4.801	157231	111427	38.823	46.218
5)	L1 AR-1016-3	5.764	4.986	108971	50357	45.953	40.569
6)	L1 AR-1016-4	5.870	5.043	70149	23042	35.418	23.675 #
7)	L1 AR-1016-5	6.177	5.264	22209	34339	11.434	26.739 #
8)	L2 AR-1221-1	4.628	3.808	430997	261271	641.003	548.198
9)	L2 AR-1221-2	4.724	3.904	324968	198414	600.062	522.384
10)	L2 AR-1221-3	4.810	3.989	1002446	609152	562.673	529.546
11)	L3 AR-1232-1	4.810	3.989	1002446	609152	685.372	691.813
12)	L3 AR-1232-2	5.385	4.783	93272	72718	112.928	73.488 #
13)	L3 AR-1232-3	5.700	4.986	157231	50357	98.015	94.062
14)	L3 AR-1232-4	5.870	5.085	70149	25191	88.865	59.223 #
15)	L3 AR-1232-5	5.967	5.264	34652	34339	67.422	69.540
16)	L4 AR-1242-1	5.677	4.783	105542	72718	49.360	53.986
17)	L4 AR-1242-2	5.677	4.783	105542	72718	33.630	38.285
18)	L4 AR-1242-3	5.764	4.986	108971	50357	57.607	50.021
19)	L4 AR-1242-4	5.870	5.085	70149	25191	43.398	28.109 #
20)	L4 AR-1242-5	6.640	5.641	96435	21232	46.089	15.692 #
21)	L5 AR-1248-1	5.677	4.783	105542	72718	63.434	69.505
22)	L5 AR-1248-2	5.967	5.043	34652	23042	16.503	17.039
23)	L5 AR-1248-3	6.177	5.085	22209	25191	8.875	19.830 #
24)	L5 AR-1248-4	6.579	5.264	189487	34339	54.003	20.898 #
25)	L5 AR-1248-5	6.640	5.661	96435	21292	29.556	12.212 #
26)	L6 AR-1254-1	6.579f	5.641	189487	21232	56.690	7.661 #
27)	L6 AR-1254-2	6.800f	0.000	158237	0	30.064	N.D. #
28)	L6 AR-1254-3	0.000	6.209	0	13232	N.D.	3.311 #
29)	L6 AR-1254-4	7.475f	6.449	42657	24355	8.228	8.118
30)	L6 AR-1254-5	7.890	6.872	33154	5913	6.270	1.496 #
31)	L7 AR-1260-1	0.000	6.348	0	23637	N.D.	8.932 #
32)	L7 AR-1260-2	0.000	6.552	0	5450	N.D.	1.485 #
33)	L7 AR-1260-3	7.958	0.000	13312	0	2.484	N.D. #
34)	L7 AR-1260-4	8.180	7.177	15735	10453	3.091	3.749
35)	L7 AR-1260-5	8.499	7.423	46859	18427	3.933	2.354 #
36)	L8 AR-1262-1	7.958	6.872	13312	5913	1.740	2.832 #
37)	L8 AR-1262-2	8.499	7.423	46859	18427	3.609	2.152 #
38)	L8 AR-1262-3	0.000	7.721f	0	20232	N.D.	5.704 #
39)	L8 AR-1262-4	8.843	7.766	26572	13394	8.185	2.201 #
41)	L9 AR-1268-1	0.000	7.721f	0	20232	N.D.	1.893 #
42)	L9 AR-1268-2	8.843	7.766	26572	13394	1.990	1.480 #

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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	9.032	7.967	47997	50559	4.170	6.541 #
45) L9	AR-1268-5	9.738	8.528	43309	52987	1.281	2.340 #

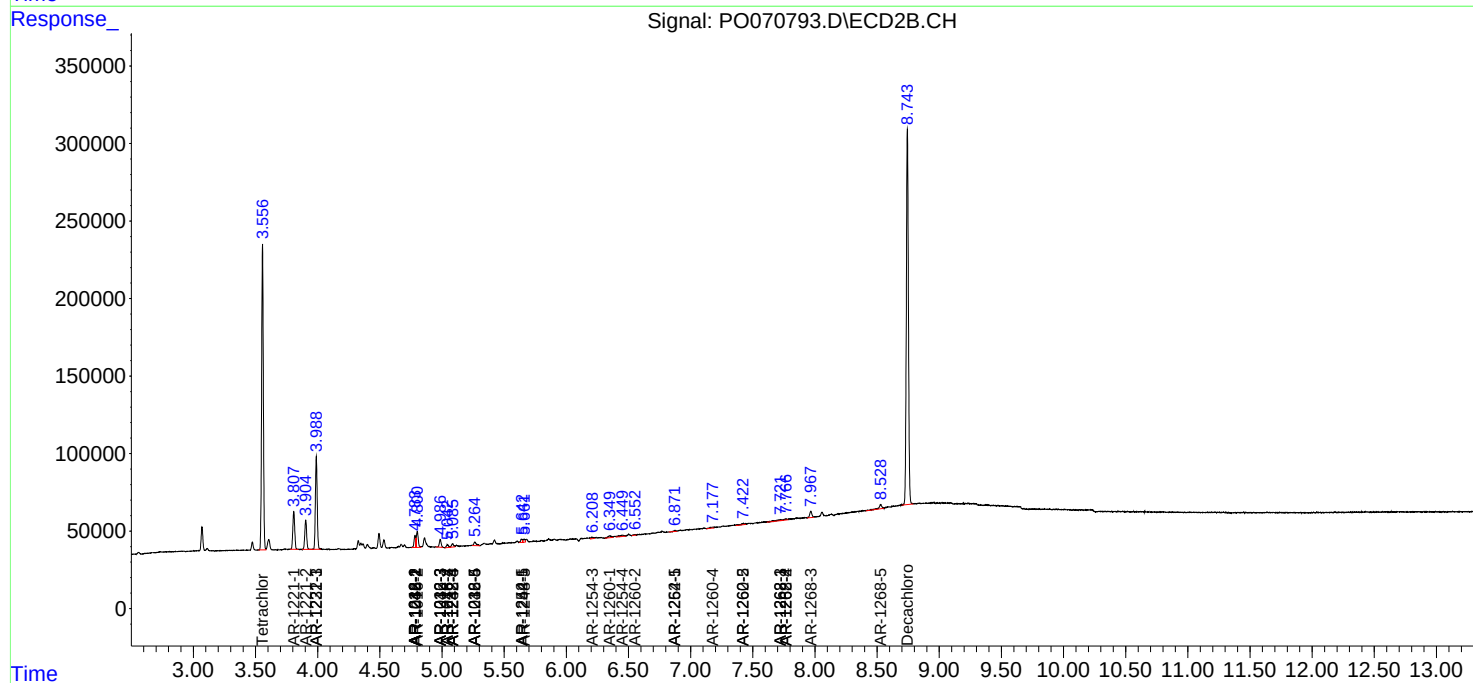
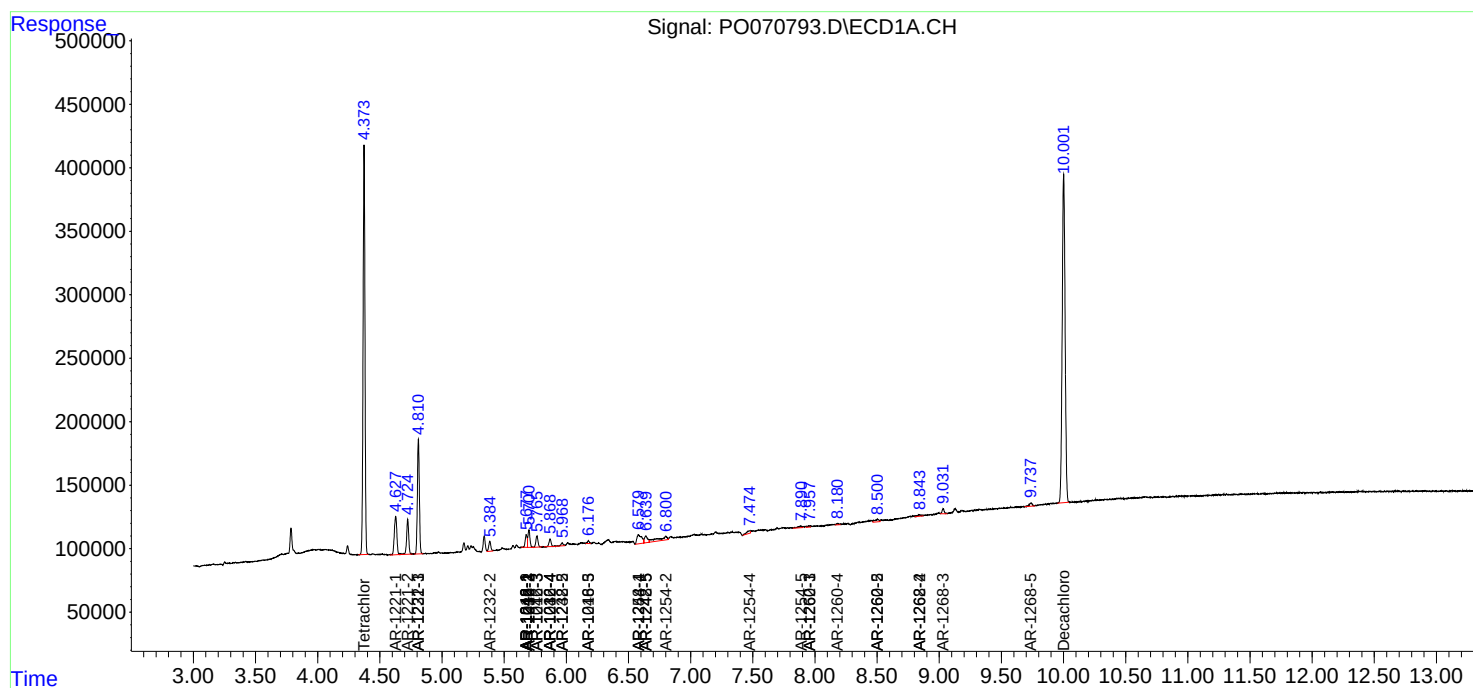
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

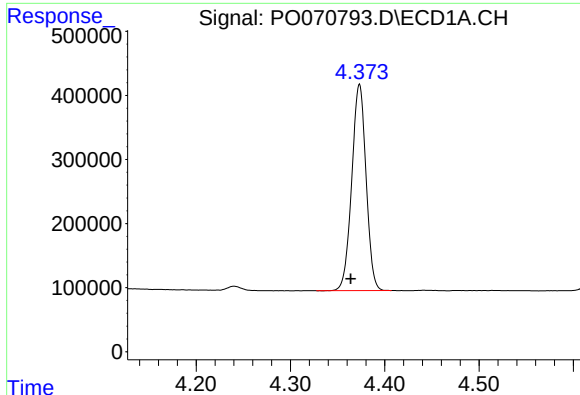
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

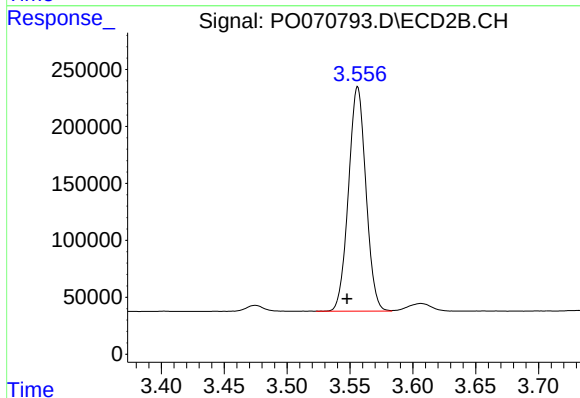




#1 Tetrachloro-m-xylene

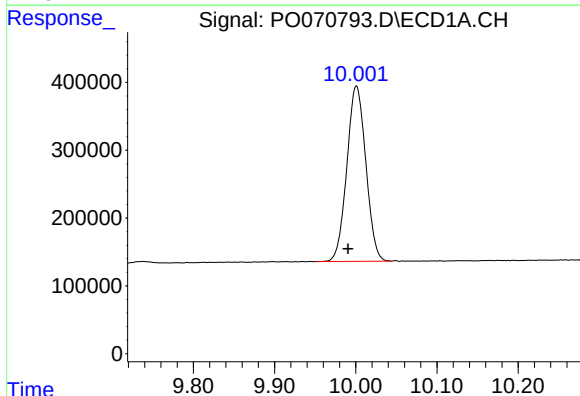
R.T.: 4.373 min
Delta R.T.: 0.009 min
Response: 3401751
Conc: 48.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



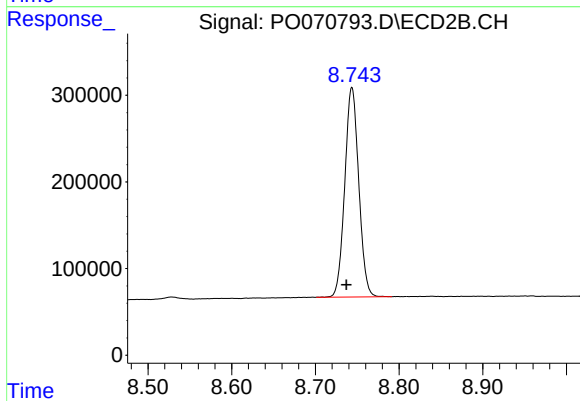
#1 Tetrachloro-m-xylene

R.T.: 3.556 min
Delta R.T.: 0.009 min
Response: 1900520
Conc: 47.21 ng/ml



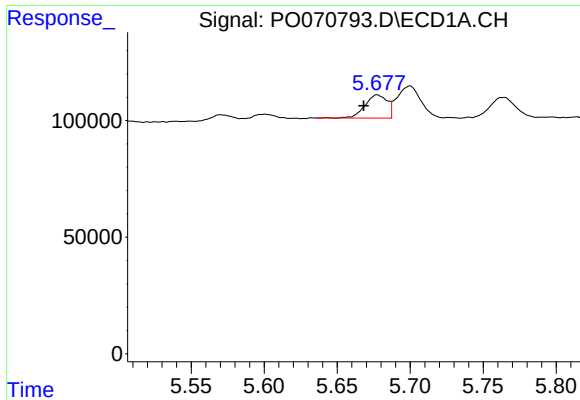
#2 Decachlorobiphenyl

R.T.: 10.001 min
Delta R.T.: 0.010 min
Response: 4198248
Conc: 44.84 ng/ml



#2 Decachlorobiphenyl

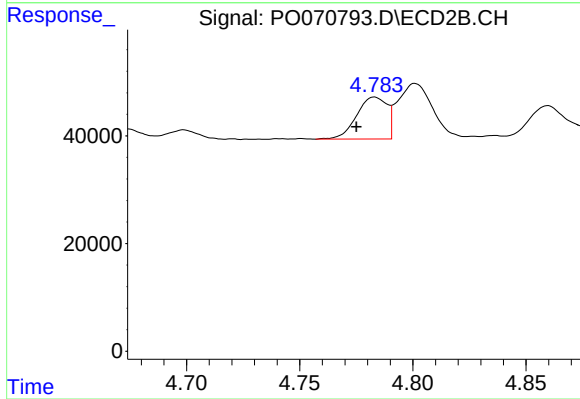
R.T.: 8.744 min
Delta R.T.: 0.007 min
Response: 2809514
Conc: 49.89 ng/ml



#3 AR-1016-1

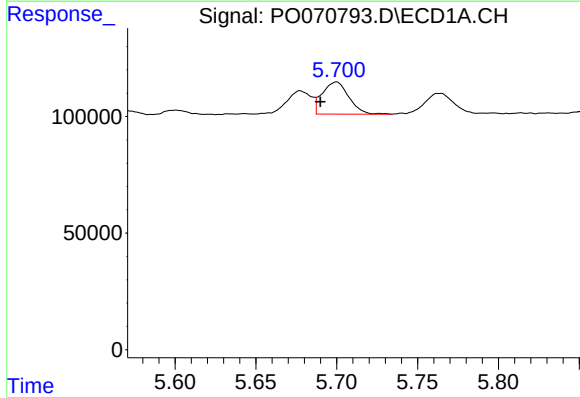
R.T.: 5.677 min
Delta R.T.: 0.009 min
Response: 105542
Conc: 38.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



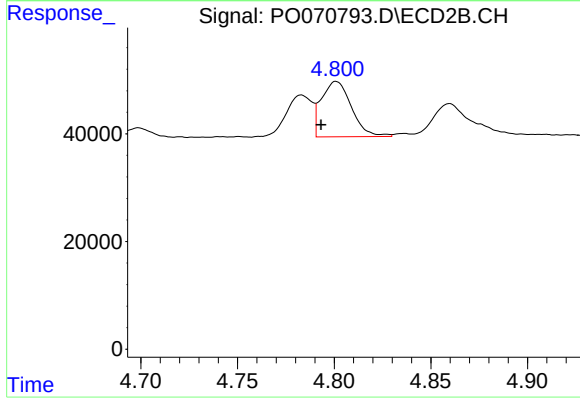
#3 AR-1016-1

R.T.: 4.783 min
Delta R.T.: 0.008 min
Response: 72718
Conc: 42.16 ng/ml



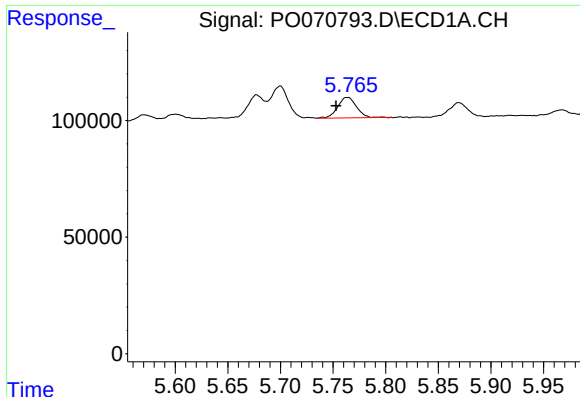
#4 AR-1016-2

R.T.: 5.700 min
Delta R.T.: 0.010 min
Response: 157231
Conc: 38.82 ng/ml



#4 AR-1016-2

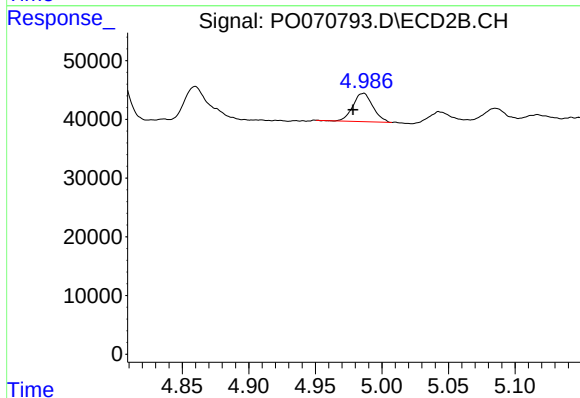
R.T.: 4.801 min
Delta R.T.: 0.008 min
Response: 111427
Conc: 46.22 ng/ml



#5 AR-1016-3

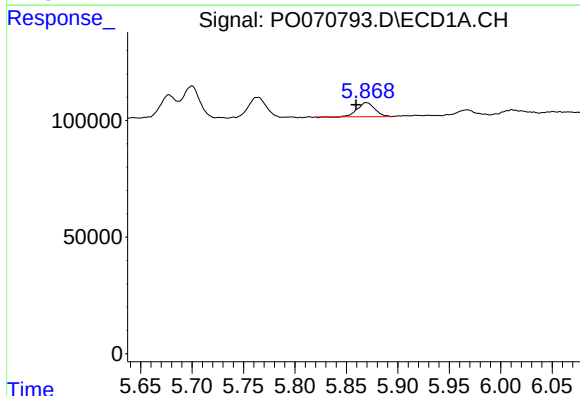
R.T.: 5.764 min
Delta R.T.: 0.011 min
Response: 108971
Conc: 45.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



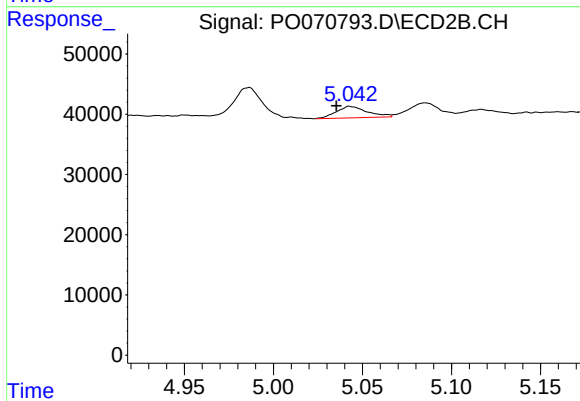
#5 AR-1016-3

R.T.: 4.986 min
Delta R.T.: 0.008 min
Response: 50357
Conc: 40.57 ng/ml



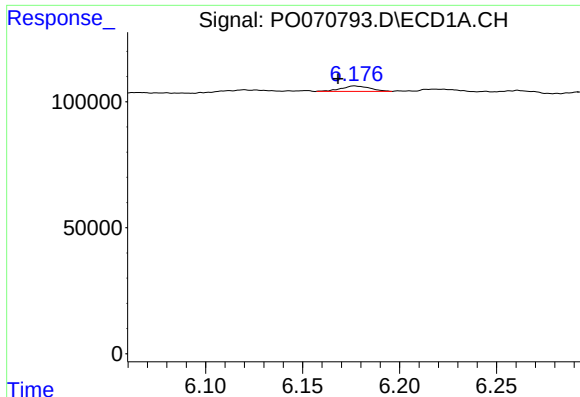
#6 AR-1016-4

R.T.: 5.870 min
Delta R.T.: 0.010 min
Response: 70149
Conc: 35.42 ng/ml



#6 AR-1016-4

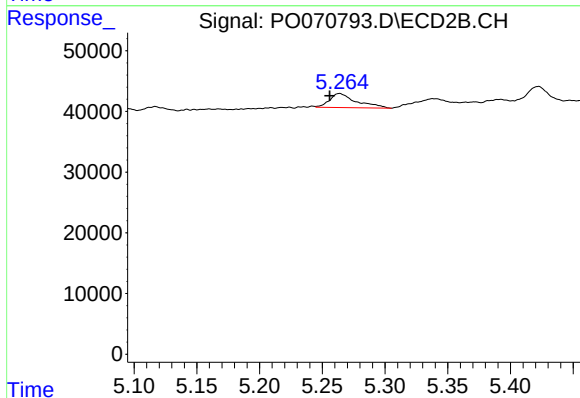
R.T.: 5.043 min
Delta R.T.: 0.007 min
Response: 23042
Conc: 23.68 ng/ml



#7 AR-1016-5

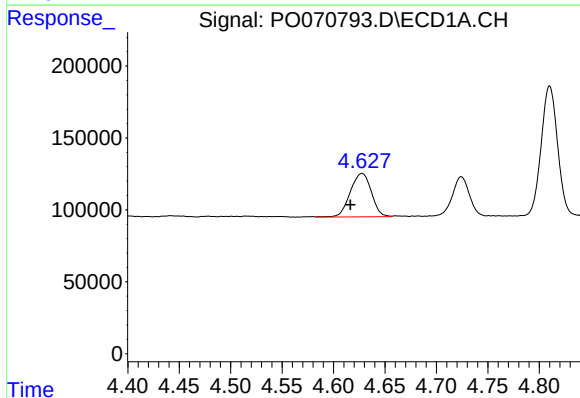
R.T.: 6.177 min
Delta R.T.: 0.009 min
Response: 22209
Conc: 11.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



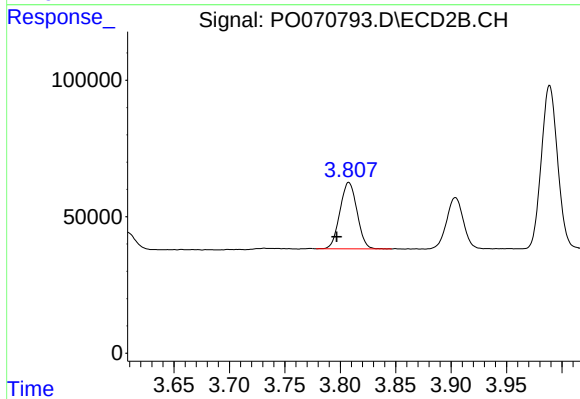
#7 AR-1016-5

R.T.: 5.264 min
Delta R.T.: 0.008 min
Response: 34339
Conc: 26.74 ng/ml



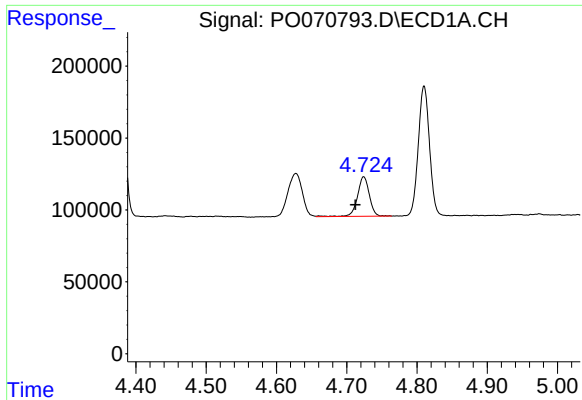
#8 AR-1221-1

R.T.: 4.628 min
Delta R.T.: 0.011 min
Response: 430997
Conc: 641.00 ng/ml



#8 AR-1221-1

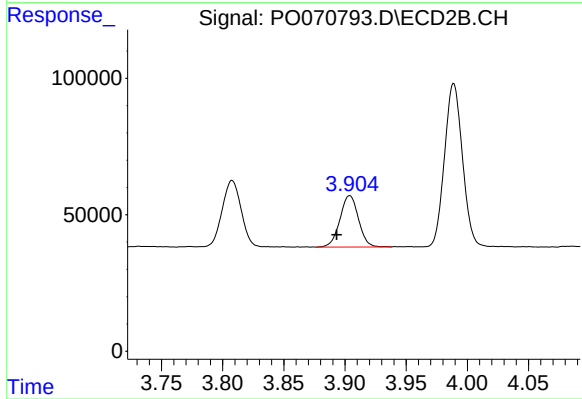
R.T.: 3.808 min
Delta R.T.: 0.011 min
Response: 261271
Conc: 548.20 ng/ml



#9 AR-1221-2

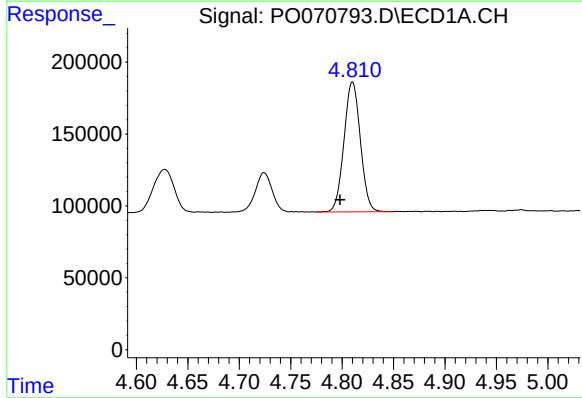
R.T.: 4.724 min
Delta R.T.: 0.012 min
Response: 324968
Conc: 600.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



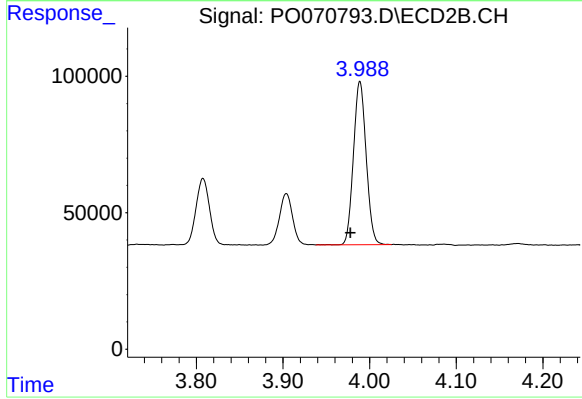
#9 AR-1221-2

R.T.: 3.904 min
Delta R.T.: 0.011 min
Response: 198414
Conc: 522.38 ng/ml



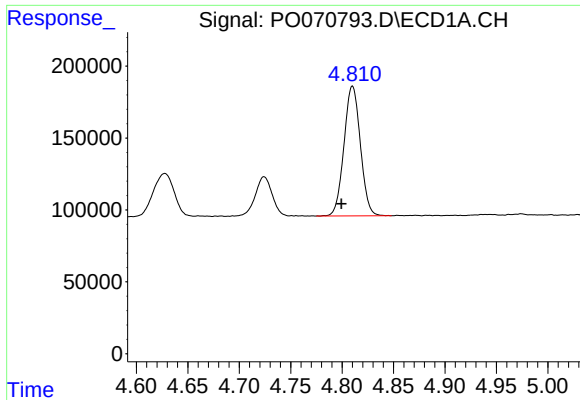
#10 AR-1221-3

R.T.: 4.810 min
Delta R.T.: 0.012 min
Response: 1002446
Conc: 562.67 ng/ml



#10 AR-1221-3

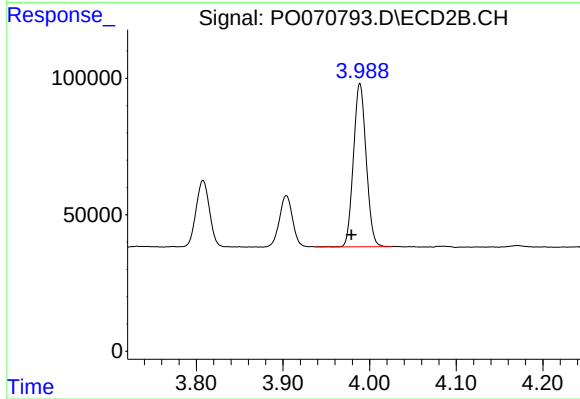
R.T.: 3.989 min
Delta R.T.: 0.011 min
Response: 609152
Conc: 529.55 ng/ml



#11 AR-1232-1

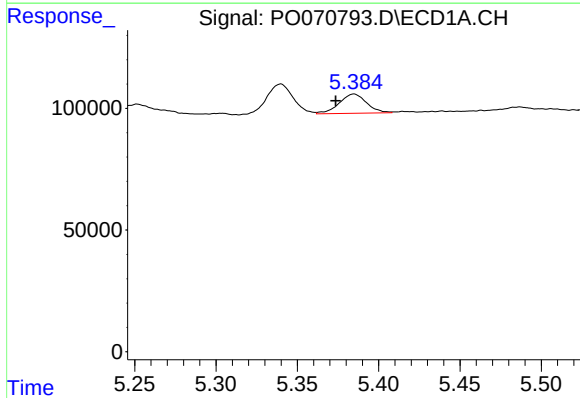
R.T.: 4.810 min
Delta R.T.: 0.011 min
Response: 1002446
Conc: 685.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



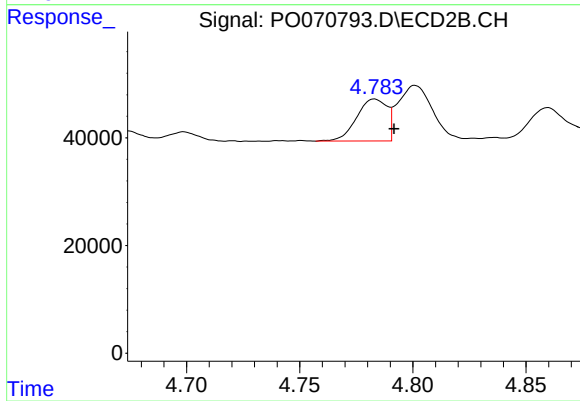
#11 AR-1232-1

R.T.: 3.989 min
Delta R.T.: 0.010 min
Response: 609152
Conc: 691.81 ng/ml



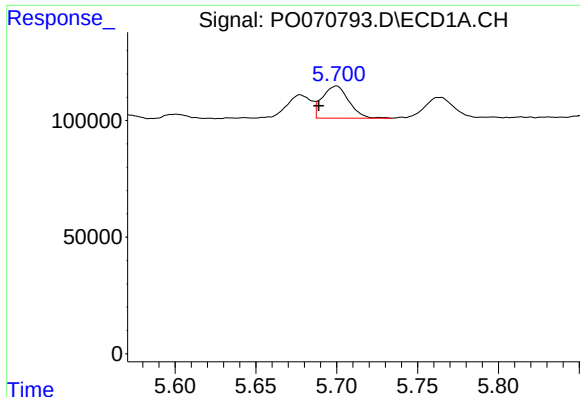
#12 AR-1232-2

R.T.: 5.385 min
Delta R.T.: 0.011 min
Response: 93272
Conc: 112.93 ng/ml



#12 AR-1232-2

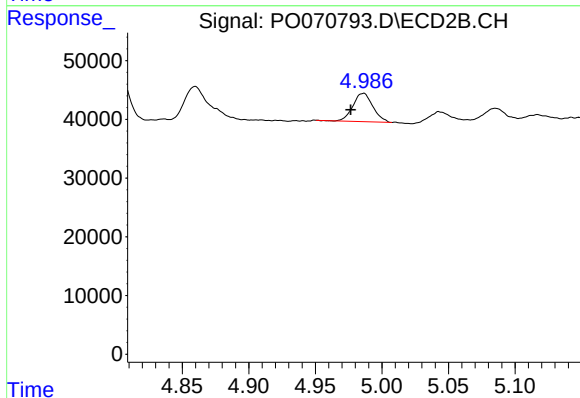
R.T.: 4.783 min
Delta R.T.: -0.009 min
Response: 72718
Conc: 73.49 ng/ml



#13 AR-1232-3

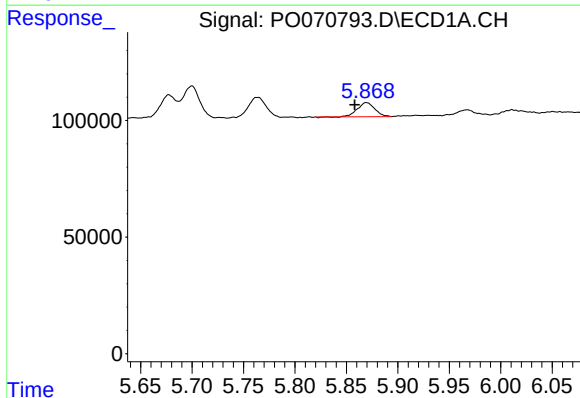
R.T.: 5.700 min
Delta R.T.: 0.011 min
Response: 157231
Conc: 98.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



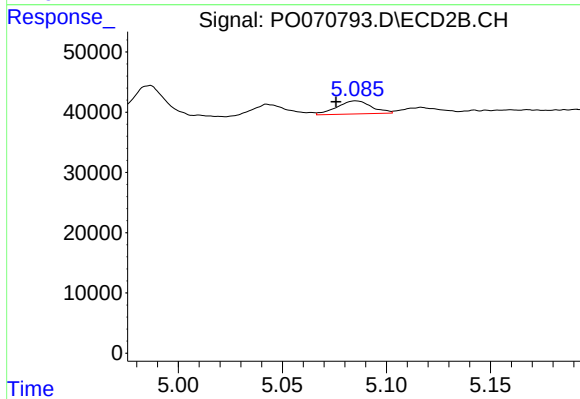
#13 AR-1232-3

R.T.: 4.986 min
Delta R.T.: 0.010 min
Response: 50357
Conc: 94.06 ng/ml



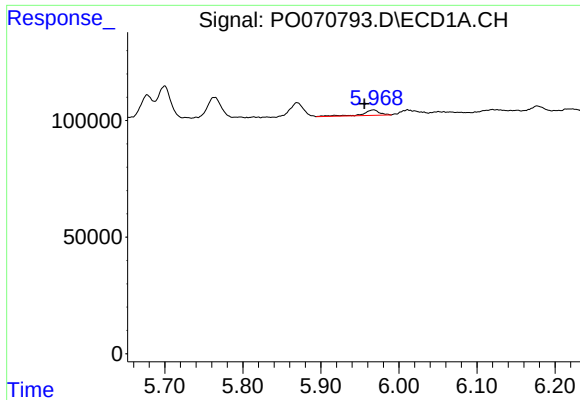
#14 AR-1232-4

R.T.: 5.870 min
Delta R.T.: 0.011 min
Response: 70149
Conc: 88.87 ng/ml



#14 AR-1232-4

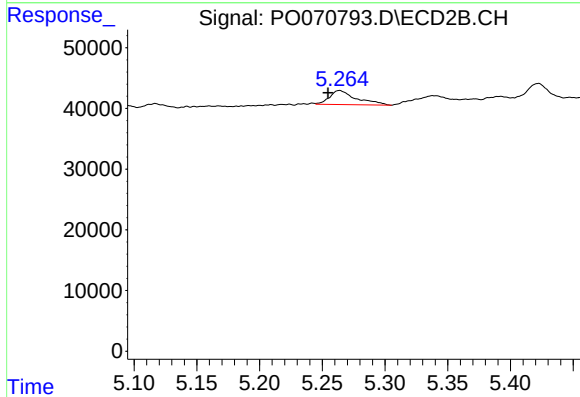
R.T.: 5.085 min
Delta R.T.: 0.010 min
Response: 25191
Conc: 59.22 ng/ml



#15 AR-1232-5

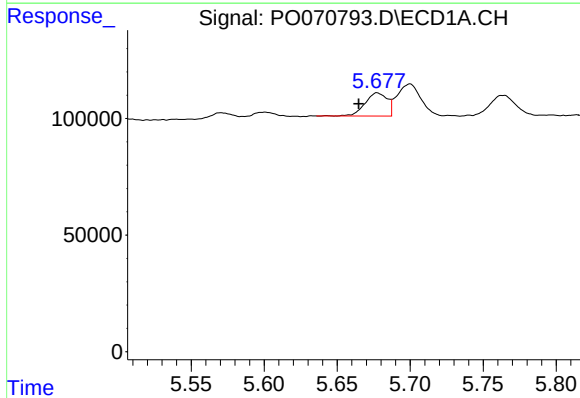
R.T.: 5.967 min
Delta R.T.: 0.012 min
Response: 34652
Conc: 67.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



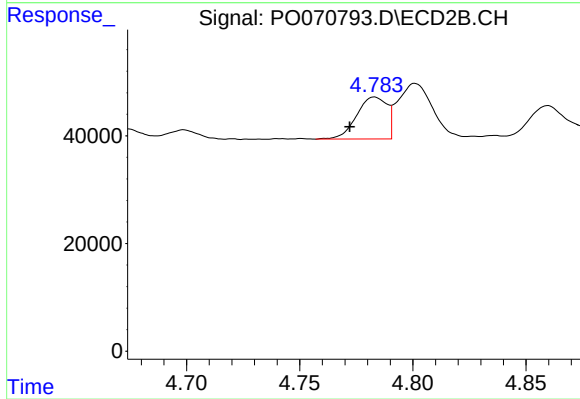
#15 AR-1232-5

R.T.: 5.264 min
Delta R.T.: 0.009 min
Response: 34339
Conc: 69.54 ng/ml



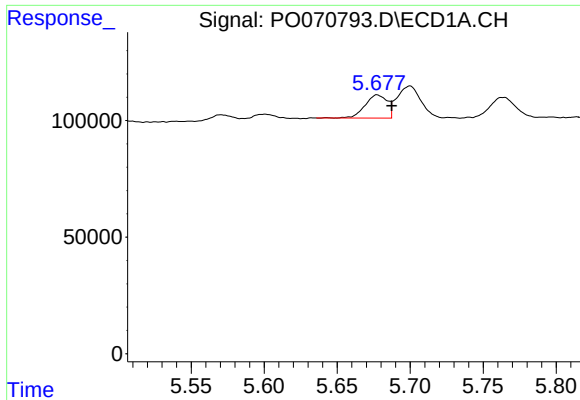
#16 AR-1242-1

R.T.: 5.677 min
Delta R.T.: 0.013 min
Response: 105542
Conc: 49.36 ng/ml



#16 AR-1242-1

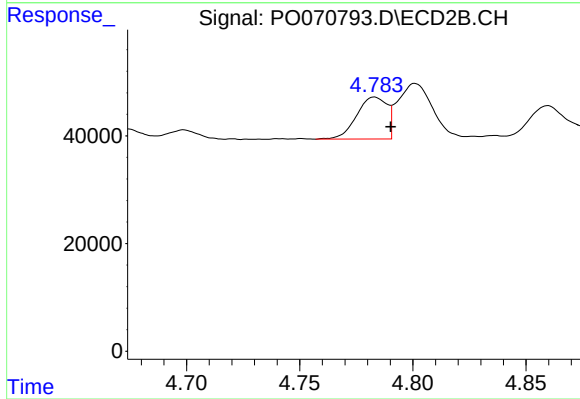
R.T.: 4.783 min
Delta R.T.: 0.011 min
Response: 72718
Conc: 53.99 ng/ml



#17 AR-1242-2

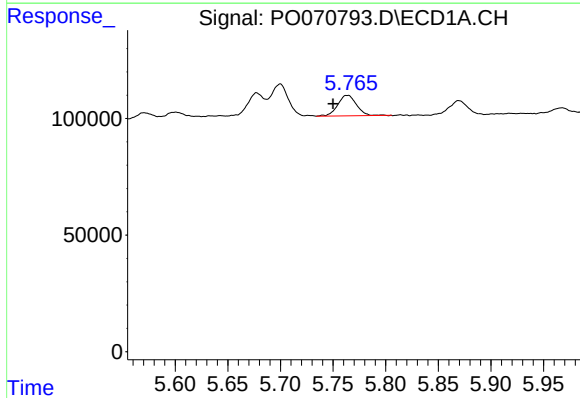
R.T.: 5.677 min
Delta R.T.: -0.010 min
Response: 105542
Conc: 33.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



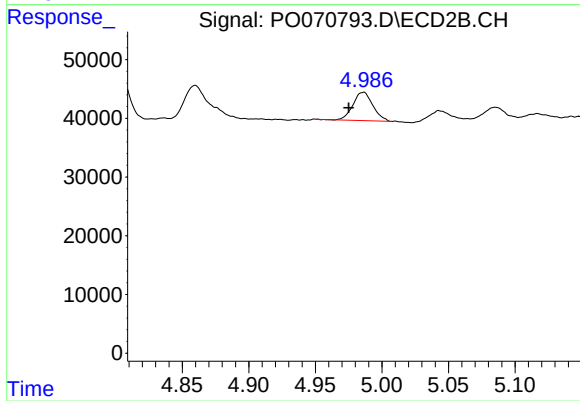
#17 AR-1242-2

R.T.: 4.783 min
Delta R.T.: -0.007 min
Response: 72718
Conc: 38.29 ng/ml



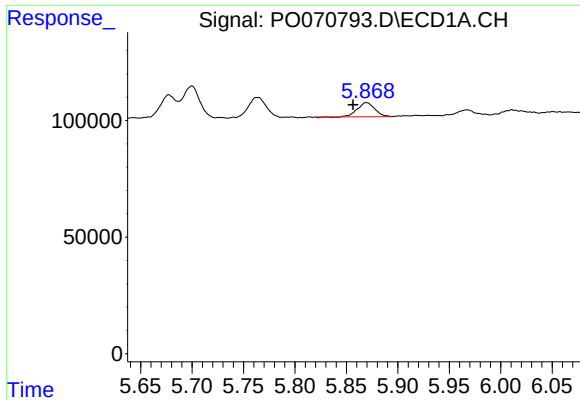
#18 AR-1242-3

R.T.: 5.764 min
Delta R.T.: 0.014 min
Response: 108971
Conc: 57.61 ng/ml



#18 AR-1242-3

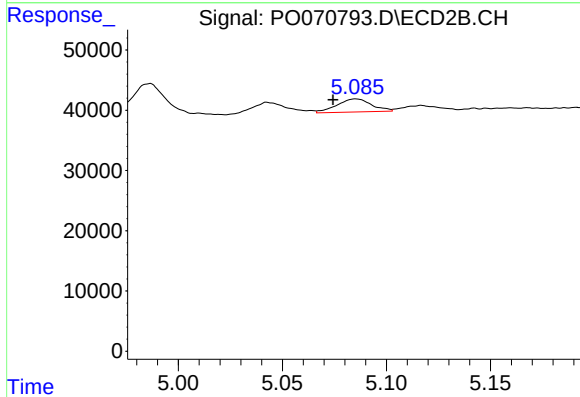
R.T.: 4.986 min
Delta R.T.: 0.011 min
Response: 50357
Conc: 50.02 ng/ml



#19 AR-1242-4

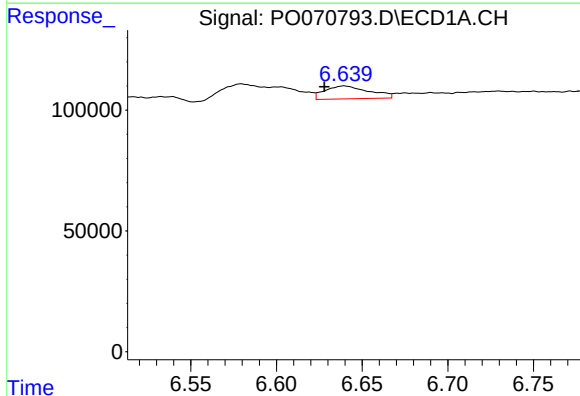
R.T.: 5.870 min
Delta R.T.: 0.013 min
Response: 70149
Conc: 43.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



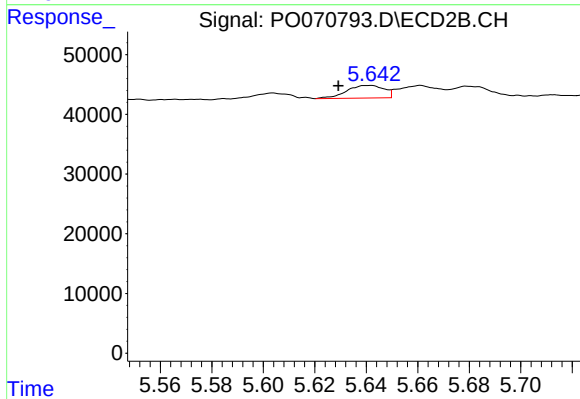
#19 AR-1242-4

R.T.: 5.085 min
Delta R.T.: 0.011 min
Response: 25191
Conc: 28.11 ng/ml



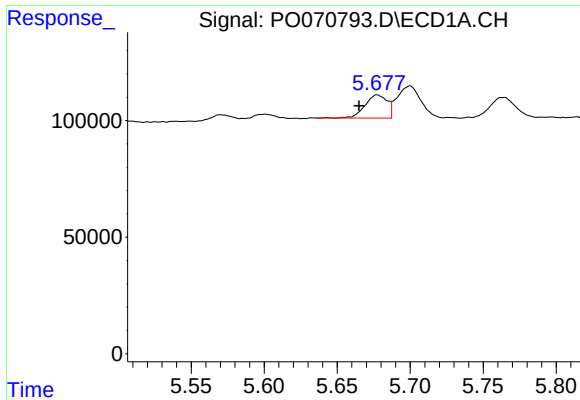
#20 AR-1242-5

R.T.: 6.640 min
Delta R.T.: 0.012 min
Response: 96435
Conc: 46.09 ng/ml



#20 AR-1242-5

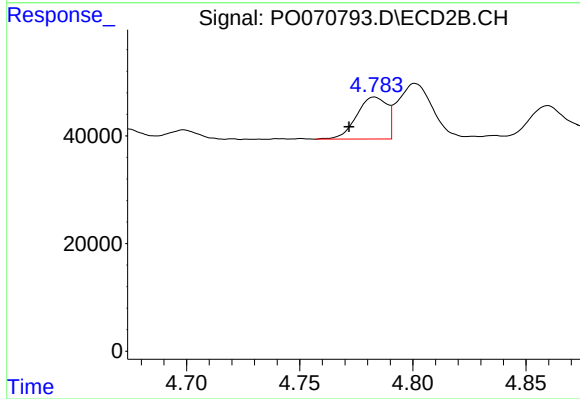
R.T.: 5.641 min
Delta R.T.: 0.012 min
Response: 21232
Conc: 15.69 ng/ml



#21 AR-1248-1

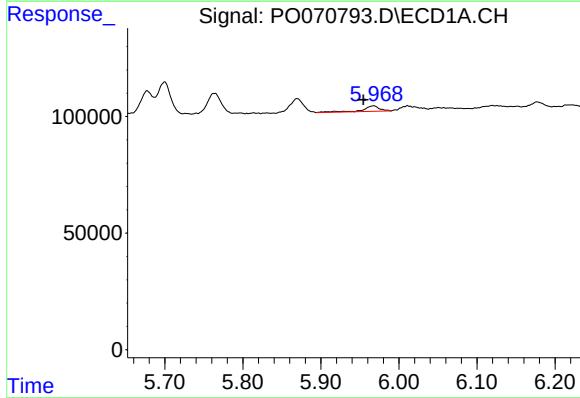
R.T.: 5.677 min
Delta R.T.: 0.012 min
Response: 105542
Conc: 63.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



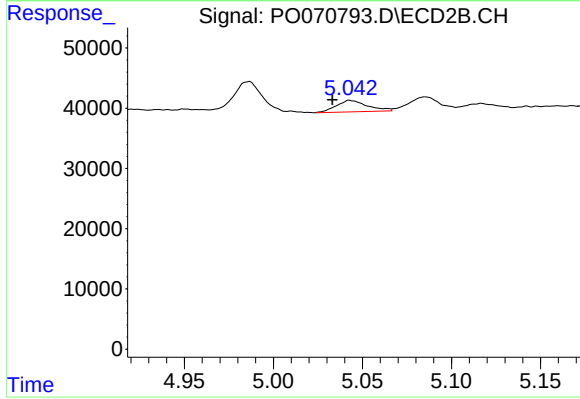
#21 AR-1248-1

R.T.: 4.783 min
Delta R.T.: 0.011 min
Response: 72718
Conc: 69.51 ng/ml



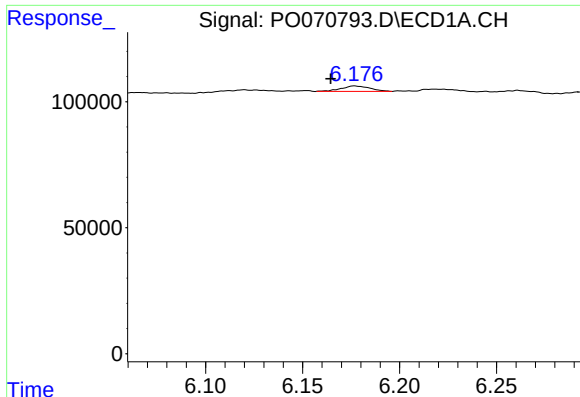
#22 AR-1248-2

R.T.: 5.967 min
Delta R.T.: 0.013 min
Response: 34652
Conc: 16.50 ng/ml



#22 AR-1248-2

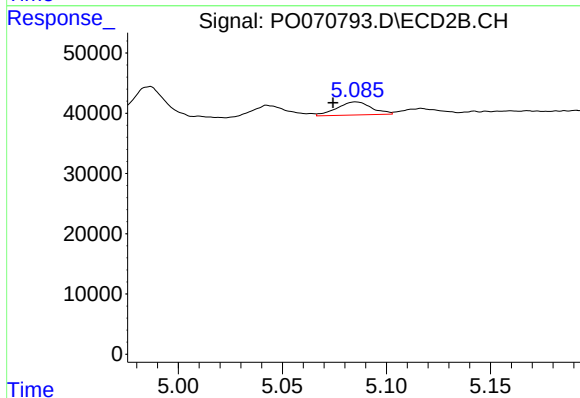
R.T.: 5.043 min
Delta R.T.: 0.009 min
Response: 23042
Conc: 17.04 ng/ml



#23 AR-1248-3

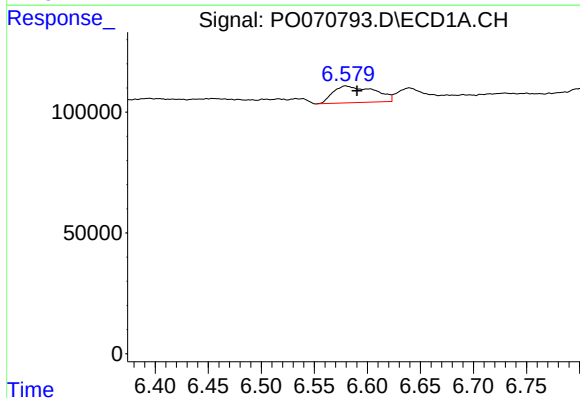
R.T.: 6.177 min
Delta R.T.: 0.012 min
Response: 22209
Conc: 8.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



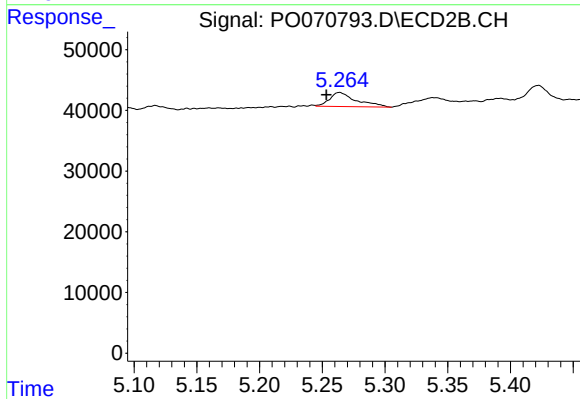
#23 AR-1248-3

R.T.: 5.085 min
Delta R.T.: 0.011 min
Response: 25191
Conc: 19.83 ng/ml



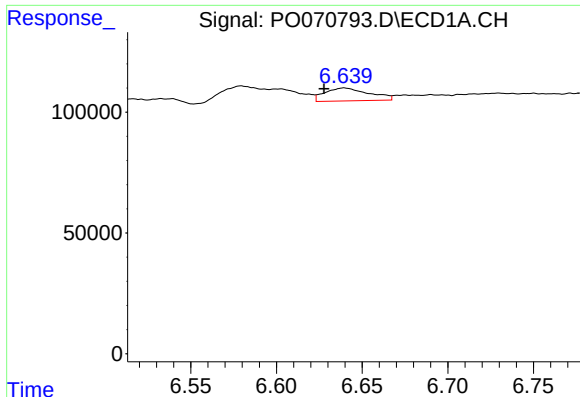
#24 AR-1248-4

R.T.: 6.579 min
Delta R.T.: -0.011 min
Response: 189487
Conc: 54.00 ng/ml



#24 AR-1248-4

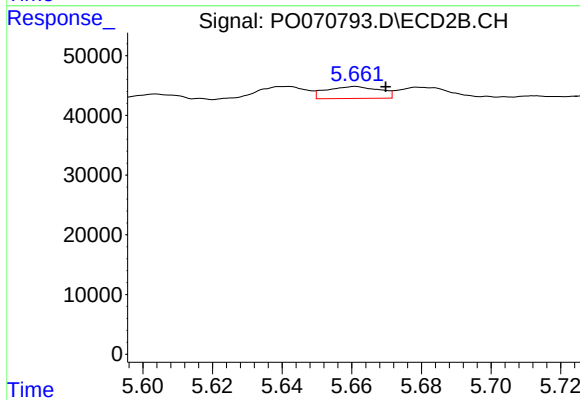
R.T.: 5.264 min
Delta R.T.: 0.010 min
Response: 34339
Conc: 20.90 ng/ml



#25 AR-1248-5

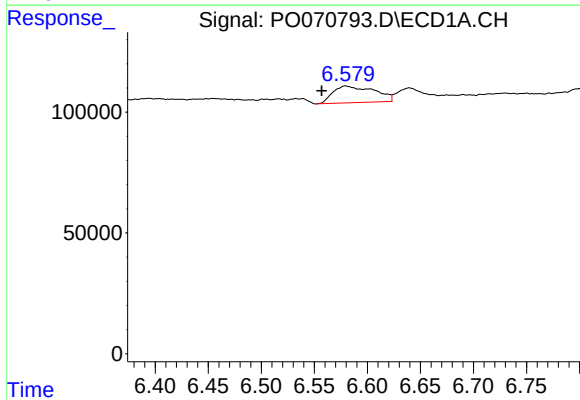
R.T.: 6.640 min
Delta R.T.: 0.012 min
Response: 96435
Conc: 29.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



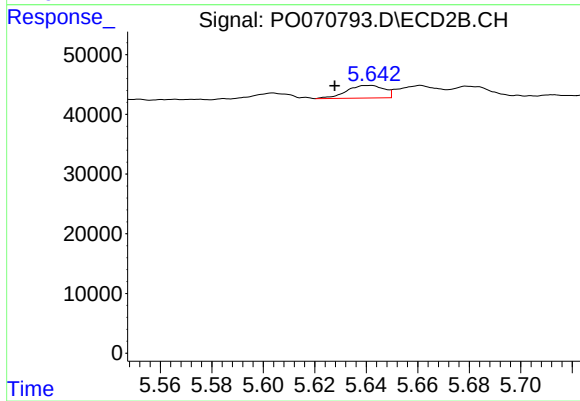
#25 AR-1248-5

R.T.: 5.661 min
Delta R.T.: -0.009 min
Response: 21292
Conc: 12.21 ng/ml



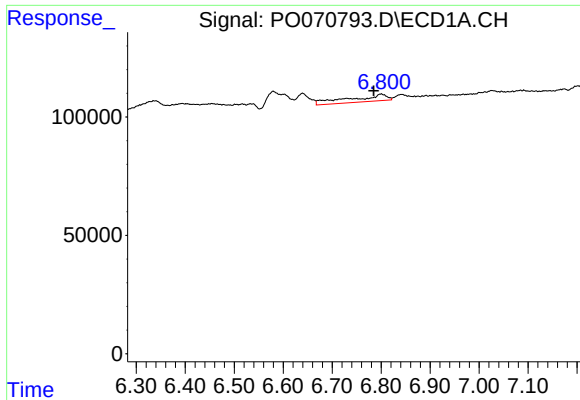
#26 AR-1254-1

R.T.: 6.579 min
Delta R.T.: 0.023 min
Response: 189487
Conc: 56.69 ng/ml



#26 AR-1254-1

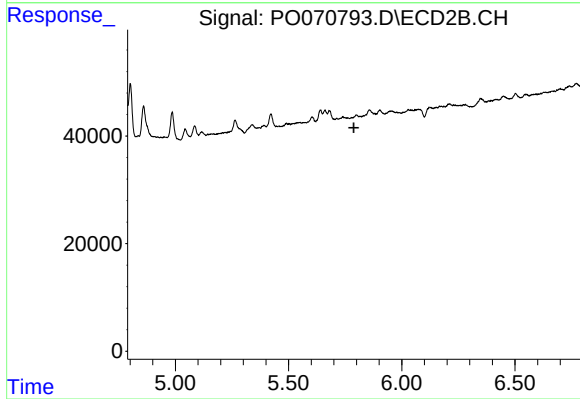
R.T.: 5.641 min
Delta R.T.: 0.013 min
Response: 21232
Conc: 7.66 ng/ml



#27 AR-1254-2

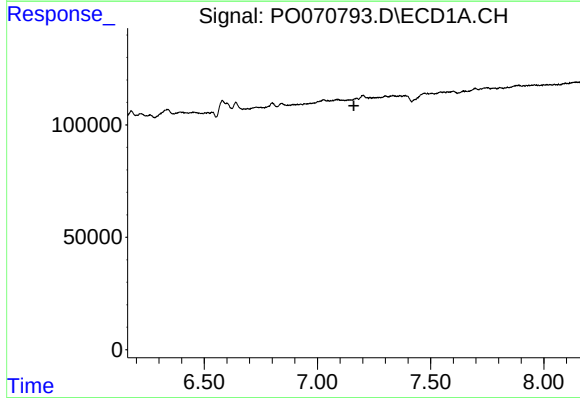
R.T.: 6.800 min
Delta R.T.: 0.015 min
Response: 158237
Conc: 30.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



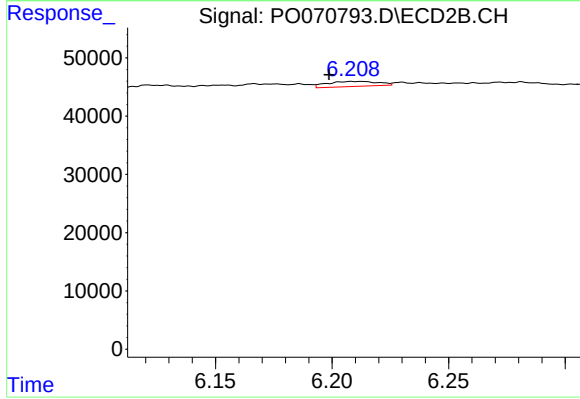
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.789 min
Response: 0
Conc: N.D.



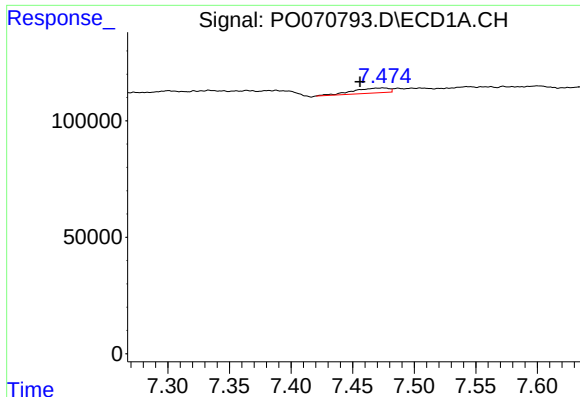
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 7.161 min
Response: 0
Conc: N.D.



#28 AR-1254-3

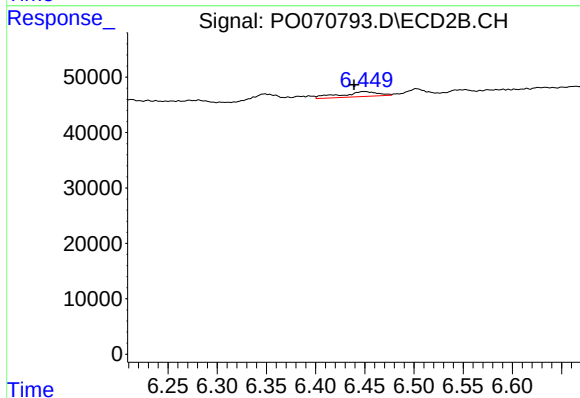
R.T.: 6.209 min
Delta R.T.: 0.010 min
Response: 13232
Conc: 3.31 ng/ml



#29 AR-1254-4

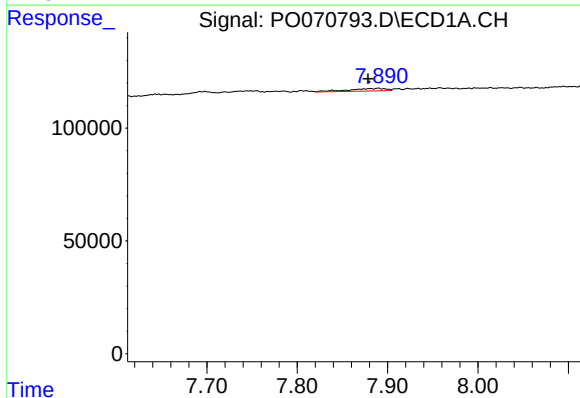
R.T.: 7.475 min
Delta R.T.: 0.019 min
Response: 42657
Conc: 8.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



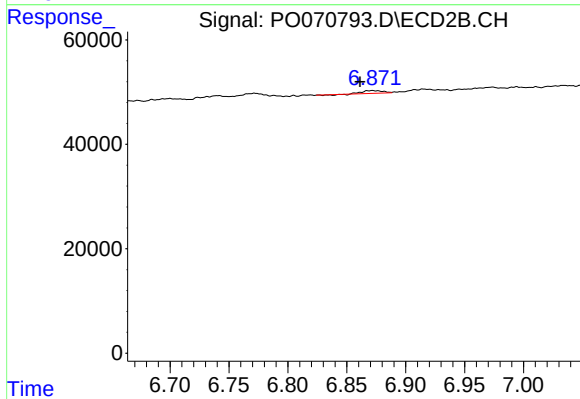
#29 AR-1254-4

R.T.: 6.449 min
Delta R.T.: 0.010 min
Response: 24355
Conc: 8.12 ng/ml



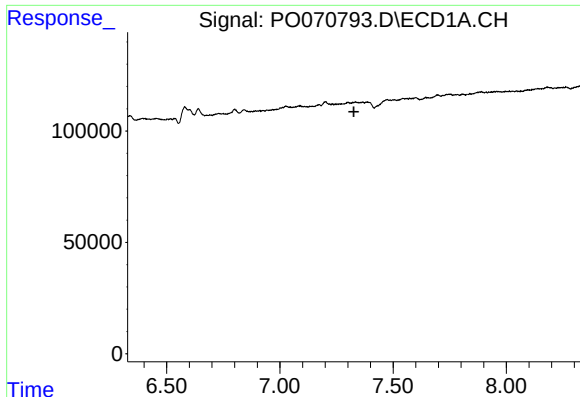
#30 AR-1254-5

R.T.: 7.890 min
Delta R.T.: 0.011 min
Response: 33154
Conc: 6.27 ng/ml



#30 AR-1254-5

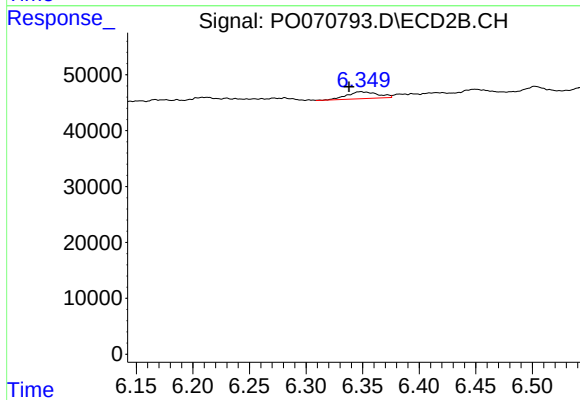
R.T.: 6.872 min
Delta R.T.: 0.010 min
Response: 5913
Conc: 1.50 ng/ml



#31 AR-1260-1

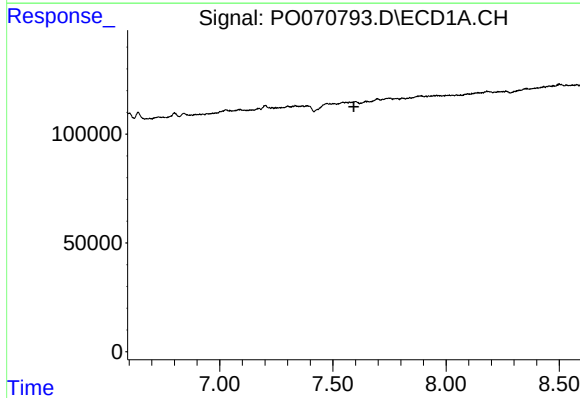
R.T.: 0.000 min
Exp R.T. : 7.327 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



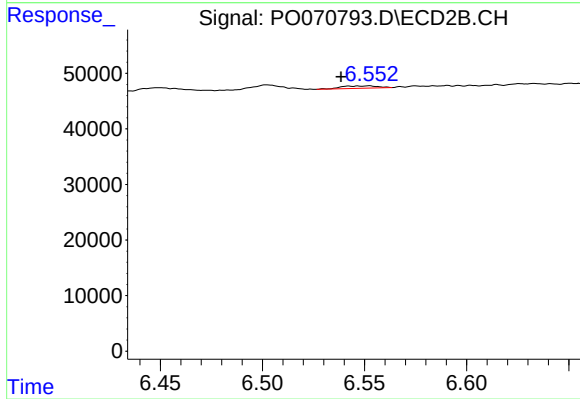
#31 AR-1260-1

R.T.: 6.348 min
Delta R.T.: 0.010 min
Response: 23637
Conc: 8.93 ng/ml



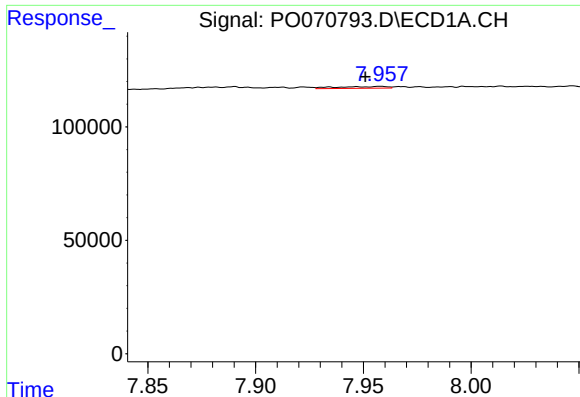
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 7.593 min
Response: 0
Conc: N.D.



#32 AR-1260-2

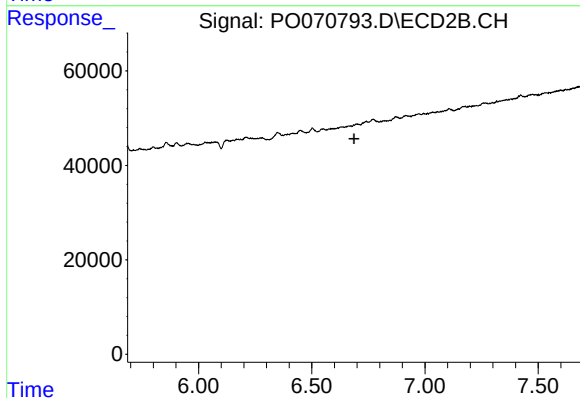
R.T.: 6.552 min
Delta R.T.: 0.014 min
Response: 5450
Conc: 1.49 ng/ml



#33 AR-1260-3

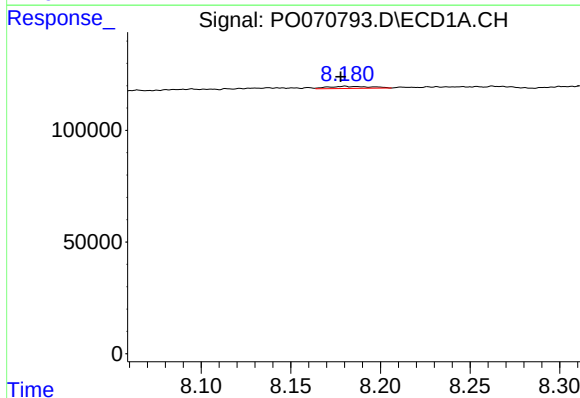
R.T.: 7.958 min
Delta R.T.: 0.007 min
Response: 13312
Conc: 2.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



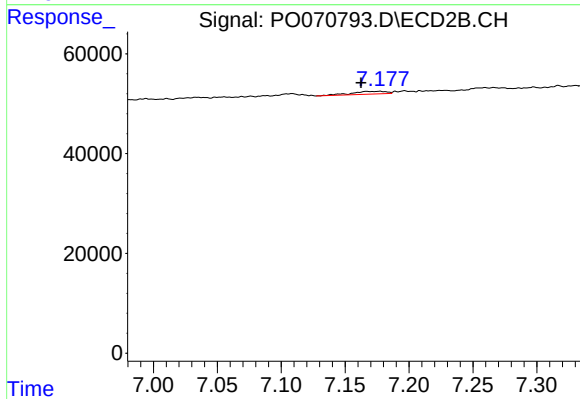
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.686 min
Response: 0
Conc: N.D.



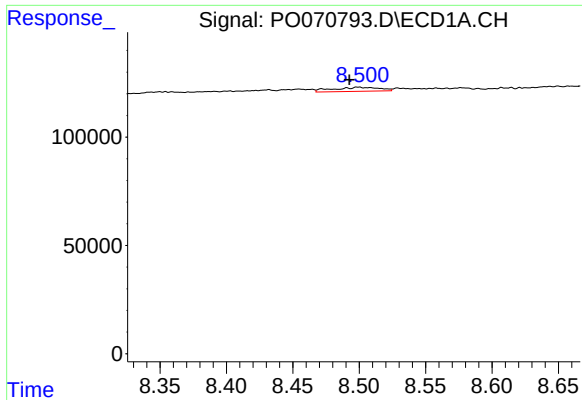
#34 AR-1260-4

R.T.: 8.180 min
Delta R.T.: 0.002 min
Response: 15735
Conc: 3.09 ng/ml



#34 AR-1260-4

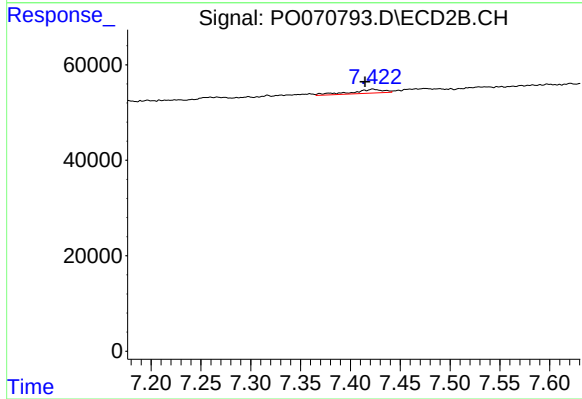
R.T.: 7.177 min
Delta R.T.: 0.014 min
Response: 10453
Conc: 3.75 ng/ml



#35 AR-1260-5

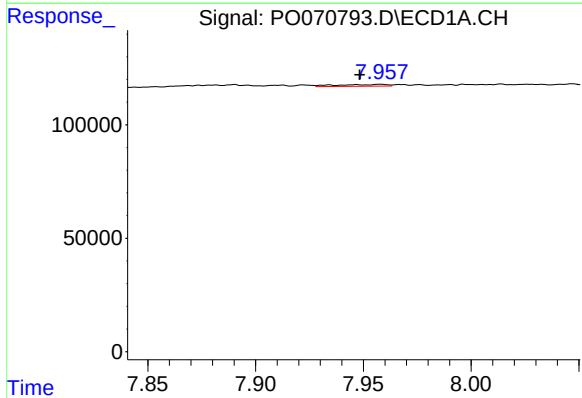
R.T.: 8.499 min
Delta R.T.: 0.007 min
Response: 46859
Conc: 3.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



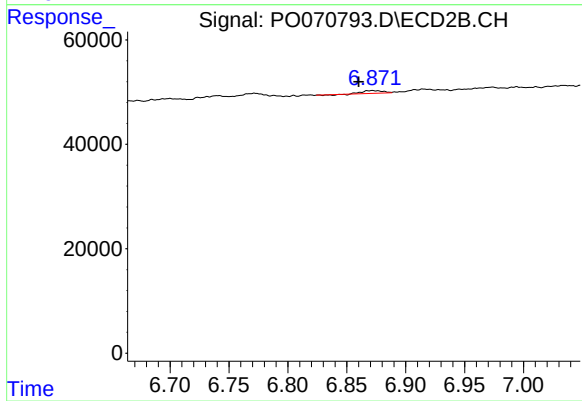
#35 AR-1260-5

R.T.: 7.423 min
Delta R.T.: 0.008 min
Response: 18427
Conc: 2.35 ng/ml



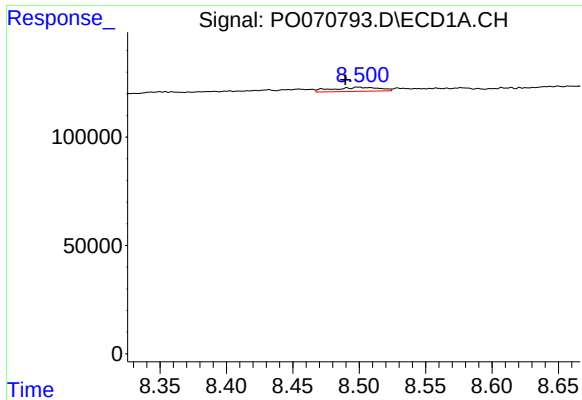
#36 AR-1262-1

R.T.: 7.958 min
Delta R.T.: 0.010 min
Response: 13312
Conc: 1.74 ng/ml



#36 AR-1262-1

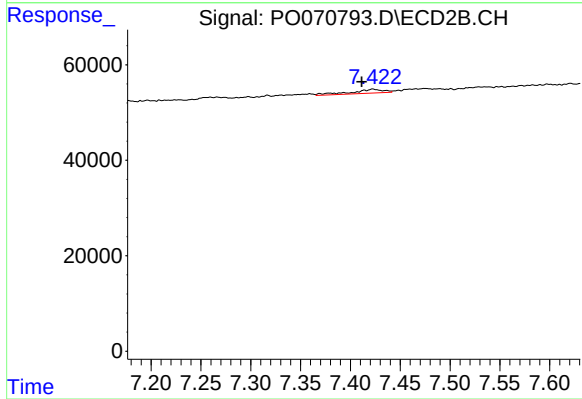
R.T.: 6.872 min
Delta R.T.: 0.012 min
Response: 5913
Conc: 2.83 ng/ml



#37 AR-1262-2

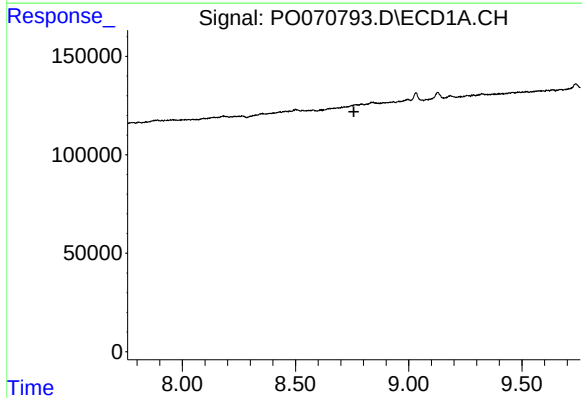
R.T.: 8.499 min
Delta R.T.: 0.010 min
Response: 46859
Conc: 3.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



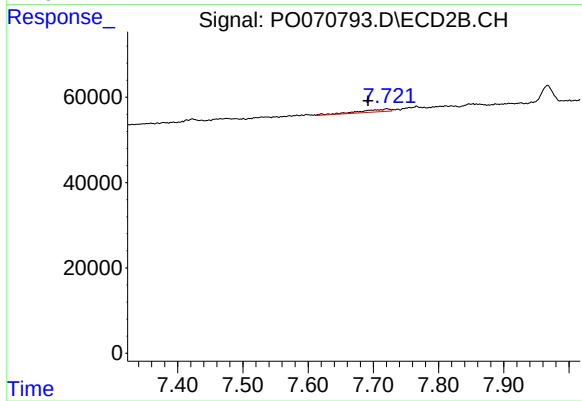
#37 AR-1262-2

R.T.: 7.423 min
Delta R.T.: 0.011 min
Response: 18427
Conc: 2.15 ng/ml



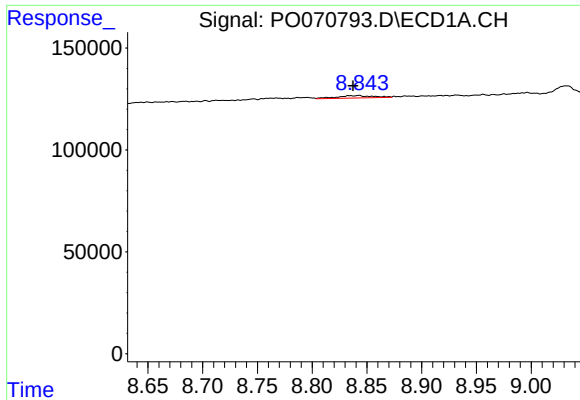
#38 AR-1262-3

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



#38 AR-1262-3

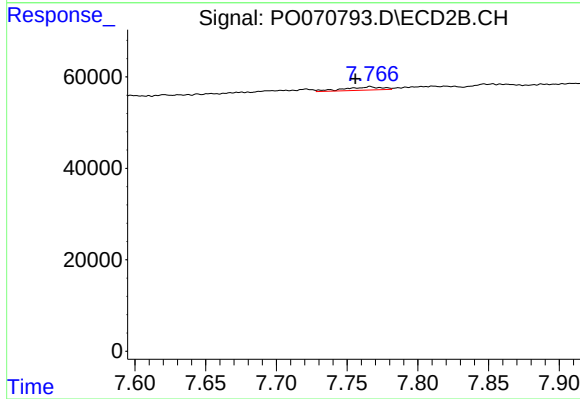
R.T.: 7.721 min
Delta R.T.: 0.029 min
Response: 20232
Conc: 5.70 ng/ml



#39 AR-1262-4

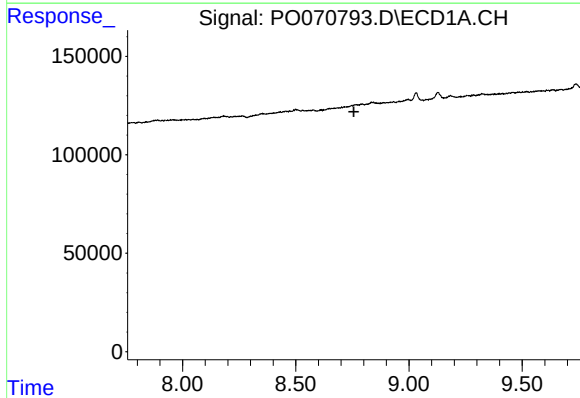
R.T.: 8.843 min
Delta R.T.: 0.005 min
Response: 26572
Conc: 8.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



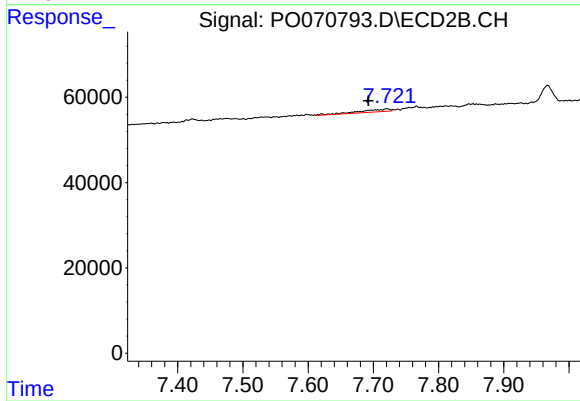
#39 AR-1262-4

R.T.: 7.766 min
Delta R.T.: 0.010 min
Response: 13394
Conc: 2.20 ng/ml



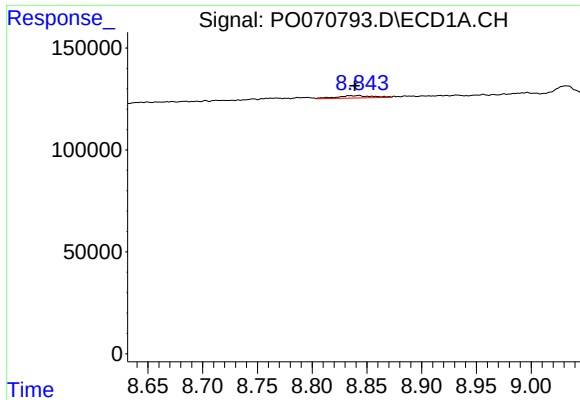
#41 AR-1268-1

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



#41 AR-1268-1

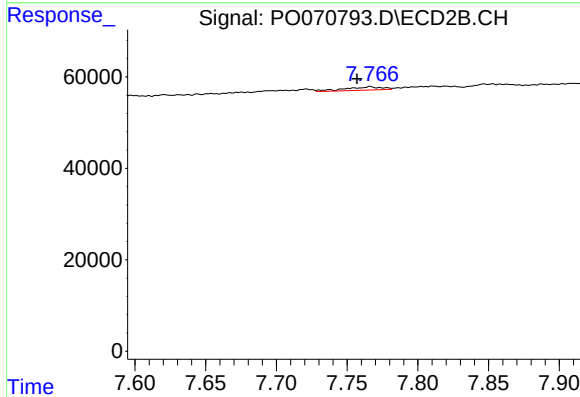
R.T.: 7.721 min
Delta R.T.: 0.029 min
Response: 20232
Conc: 1.89 ng/ml



#42 AR-1268-2

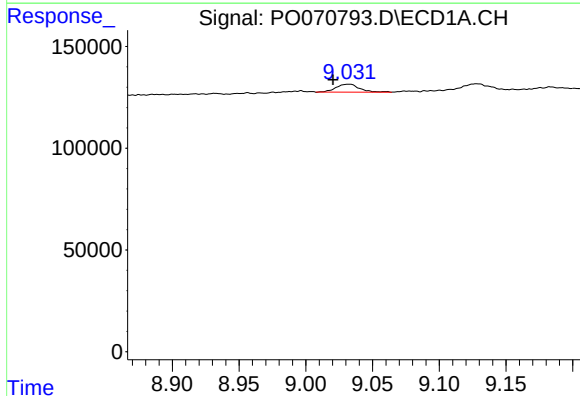
R.T.: 8.843 min
Delta R.T.: 0.004 min
Response: 26572
Conc: 1.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



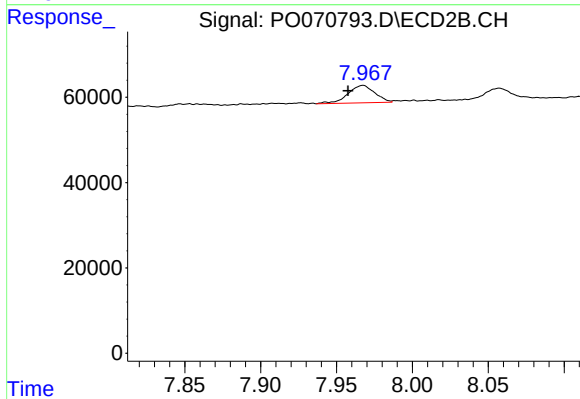
#42 AR-1268-2

R.T.: 7.766 min
Delta R.T.: 0.009 min
Response: 13394
Conc: 1.48 ng/ml



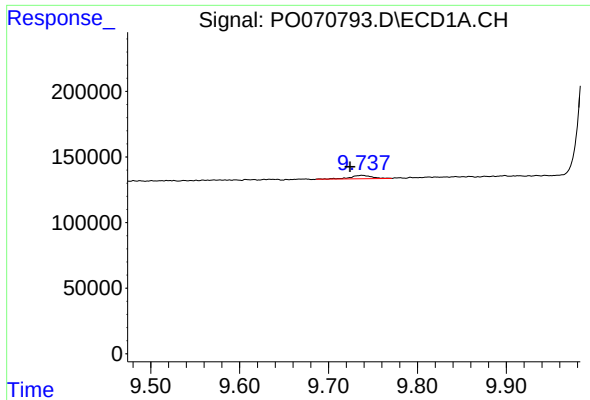
#43 AR-1268-3

R.T.: 9.032 min
Delta R.T.: 0.012 min
Response: 47997
Conc: 4.17 ng/ml



#43 AR-1268-3

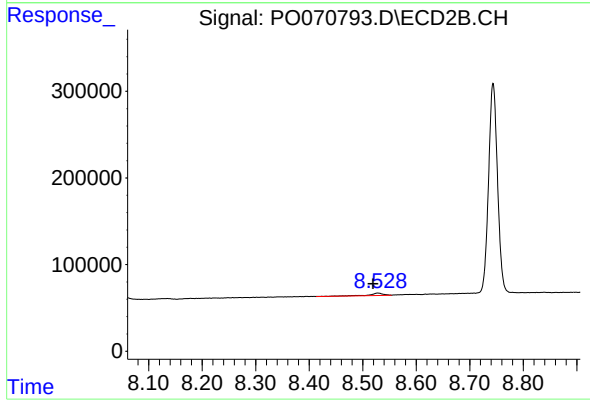
R.T.: 7.967 min
Delta R.T.: 0.010 min
Response: 50559
Conc: 6.54 ng/ml



#45 AR-1268-5

R.T.: 9.738 min
Delta R.T.: 0.013 min
Response: 43309
Conc: 1.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.528 min
Delta R.T.: 0.009 min
Response: 52987
Conc: 2.34 ng/ml