

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0031022\
 Data File : P0085283.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 10 Mar 2022 19:47
 Operator : YP\AJ
 Sample : N1645-07
 Misc : AR1660 LOD 40 PPB
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 11 02:20:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0030822.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 09 04:29:31 2022
 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...	4.495	3.590	3134830	1000311	18.257	21.922
2)	SA Decachlor...	10.401	8.609	1442479	926143	22.028	24.326
Target Compounds							
3)	L1 AR-1016-1	5.683	4.679	162546	73333	35.640	43.799
4)	L1 AR-1016-2	5.707	4.698	209562	107371	31.111	44.340 #
5)	L1 AR-1016-3	5.770	4.872	129261	59616	32.013	43.549 #
6)	L1 AR-1016-4	5.870	4.916	95958	48487	28.642	42.220 #
7)	L1 AR-1016-5	6.170	5.129	103352	60864	33.489	42.498 #
8)	L2 AR-1221-1	4.707	3.804	725223	6859	392.479	12.443 #
9)	L2 AR-1221-2	4.806	3.875	92659	80660	69.658	189.715 #
10)	L2 AR-1221-3	4.873	3.966	157216	42197	40.301	32.395
11)	L3 AR-1232-1	4.873	3.966	157216	42197	55.685	42.485
12)	L3 AR-1232-2	5.412	4.698	162496	107371	100.870	102.578
13)	L3 AR-1232-3	5.707	4.872	209562	59616	74.034	104.708 #
14)	L3 AR-1232-4	5.870	4.958	95958	58997	70.364	111.713 #
15)	L3 AR-1232-5	5.962	5.129	79804	60864	77.577	103.015 #
16)	L4 AR-1242-1	5.683	4.679	162546	73333	47.702	58.576
17)	L4 AR-1242-2	5.707	4.698	209562	107371	41.861	59.780 #
18)	L4 AR-1242-3	5.770	4.872	129261	59616	42.568	60.416 #
19)	L4 AR-1242-4	5.870	4.958	95958	58997	40.732	57.694 #
20)	L4 AR-1242-5	6.618	5.482	14556	49736	7.694	38.734 #
21)	L5 AR-1248-1	5.683	4.679	162546	73333	61.165	71.846
22)	L5 AR-1248-2	5.962	4.916	79804	48487	24.053	33.467 #
23)	L5 AR-1248-3	6.170	4.958	103352	58997	30.159	39.887 #
24)	L5 AR-1248-4	6.583	5.129	30936	60864	9.325	34.867 #
25)	L5 AR-1248-5	6.618	5.522	14556	6895	4.605	4.213
26)	L6 AR-1254-1	6.551	5.482	70613	49736	20.652	19.505
27)	L6 AR-1254-2	6.774	5.630	80538	45578	15.848	19.514
28)	L6 AR-1254-3	7.145	6.050	45137	89843	8.962	24.854 #
29)	L6 AR-1254-4	7.438	6.266	14408	13117	3.939	5.883 #
30)	L6 AR-1254-5	7.858	6.682	229704	145117	58.685	43.194 #
31)	L7 AR-1260-1	7.312	6.165	157970	114720	38.833	43.700
32)	L7 AR-1260-2	7.571	6.354	199438	140894	41.605	45.058
33)	L7 AR-1260-3	7.936	6.508	138311	128563	42.560	41.510
34)	L7 AR-1260-4	8.166	6.982	174669	103679	45.700	47.060
35)	L7 AR-1260-5	8.497	7.226	295346	238453	42.903	47.892
36)	L8 AR-1262-1	7.936	6.682	138311	145117	30.357	84.475 #
37)	L8 AR-1262-2	8.497	6.982	295346	103679	35.981	36.001
38)	L8 AR-1262-3	8.835	7.511	179666	56629	33.588	25.061 #
39)	L8 AR-1262-4	8.918	7.573	40086	166286	16.116	40.421 #
40)	L8 AR-1262-5	9.604	8.070	81016	62456	29.279	33.535
41)	L9 AR-1268-1	8.835	7.511	179666	56629	19.168	8.632 #

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Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 09 04:29:31 2022
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

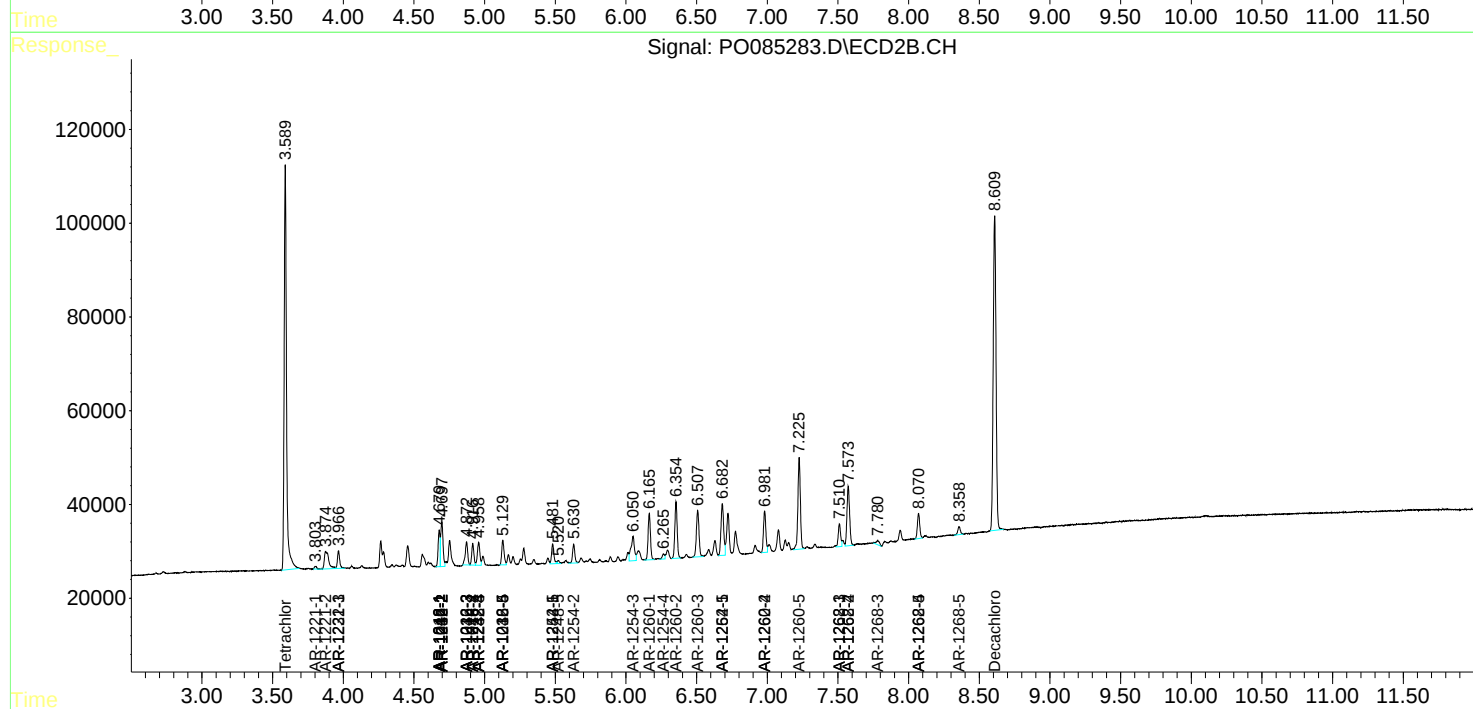
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

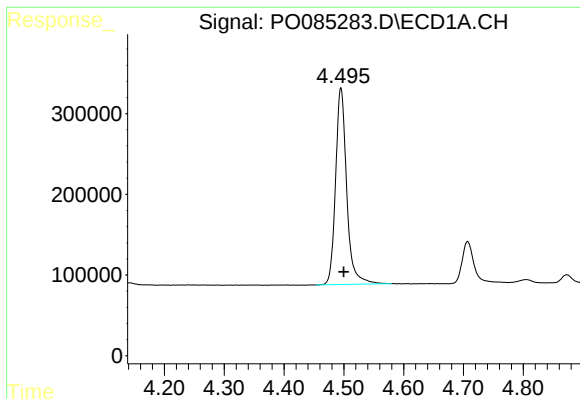
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	8.918	7.573	40086	166286	4.723	28.428 #
43)	L9 AR-1268-3	9.167	7.780	9612	15325	1.340	3.091 #
44)	L9 AR-1268-4	9.604	8.070	81016	62456	26.468	29.430
45)	L9 AR-1268-5	10.050	8.358	12317	22026	0.517	1.535 #

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

Instrument :
ECD_O
ClientSampleId :

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

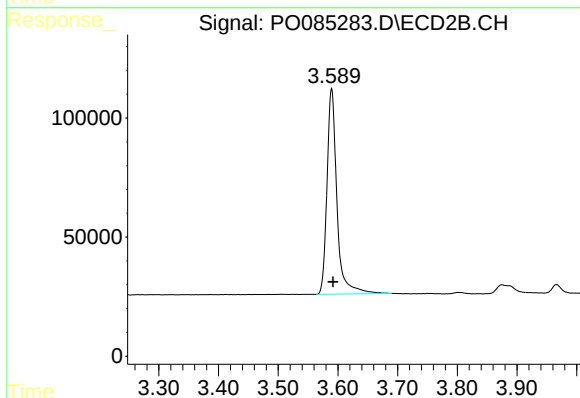




#1 Tetrachloro-m-xylene

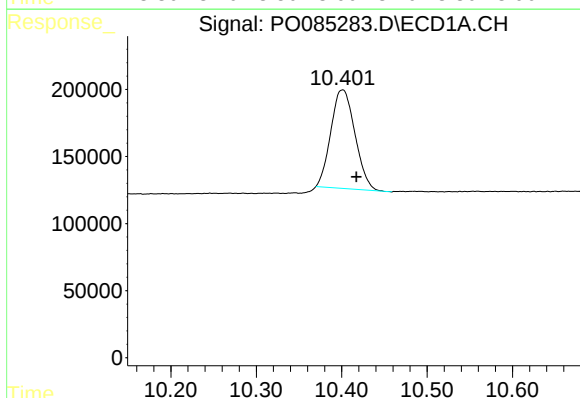
R.T.: 4.495 min
Delta R.T.: -0.005 min
Response: 3134830
Conc: 18.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



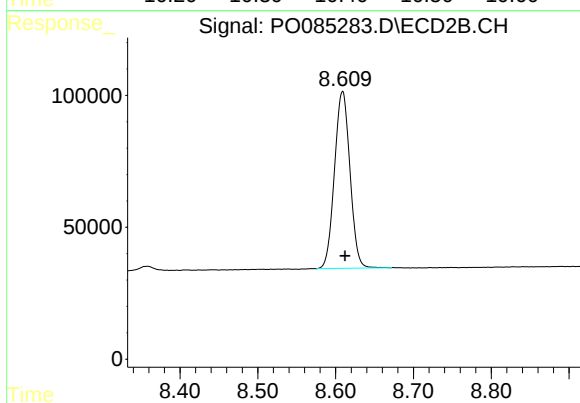
#1 Tetrachloro-m-xylene

R.T.: 3.590 min
Delta R.T.: -0.003 min
Response: 1000311
Conc: 21.92 ng/ml



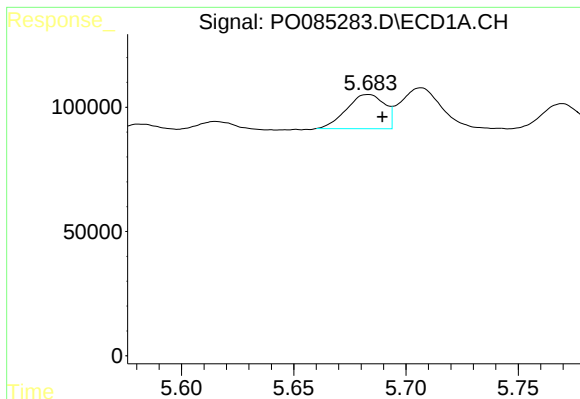
#2 Decachlorobiphenyl

R.T.: 10.401 min
Delta R.T.: -0.016 min
Response: 1442479
Conc: 22.03 ng/ml



#2 Decachlorobiphenyl

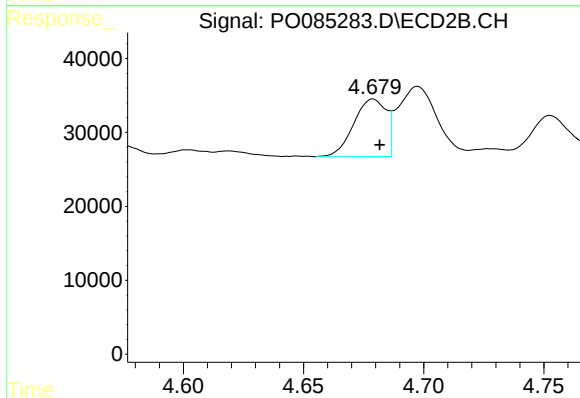
R.T.: 8.609 min
Delta R.T.: -0.003 min
Response: 926143
Conc: 24.33 ng/ml



#3 AR-1016-1

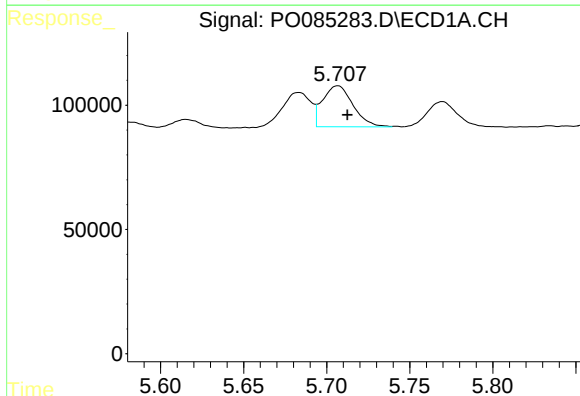
R.T.: 5.683 min
Delta R.T.: -0.006 min
Response: 162546
Conc: 35.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



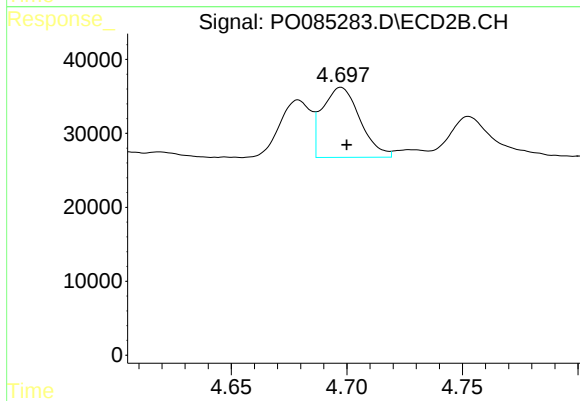
#3 AR-1016-1

R.T.: 4.679 min
Delta R.T.: -0.003 min
Response: 73333
Conc: 43.80 ng/ml



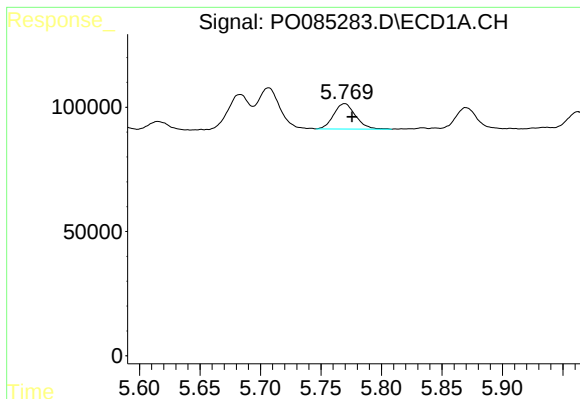
#4 AR-1016-2

R.T.: 5.707 min
Delta R.T.: -0.006 min
Response: 209562
Conc: 31.11 ng/ml



#4 AR-1016-2

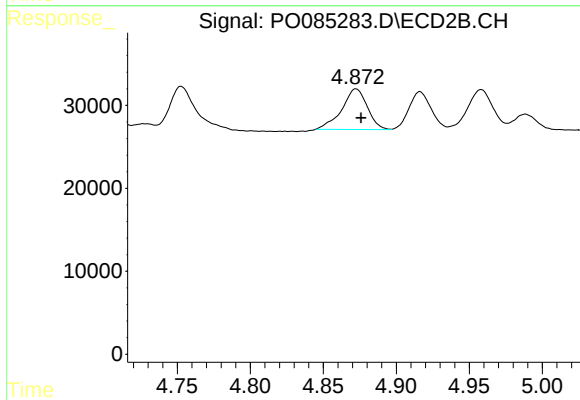
R.T.: 4.698 min
Delta R.T.: -0.002 min
Response: 107371
Conc: 44.34 ng/ml



#5 AR-1016-3

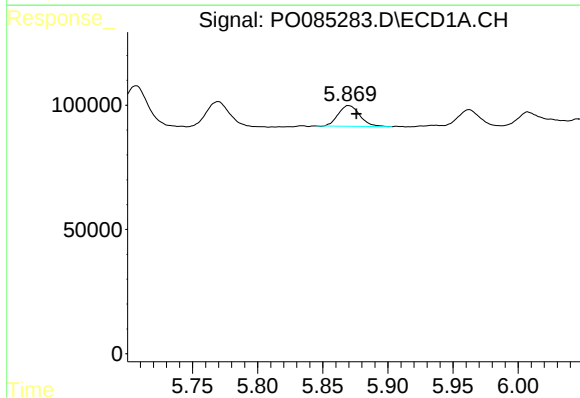
R.T.: 5.770 min
Delta R.T.: -0.006 min
Response: 129261
Conc: 32.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



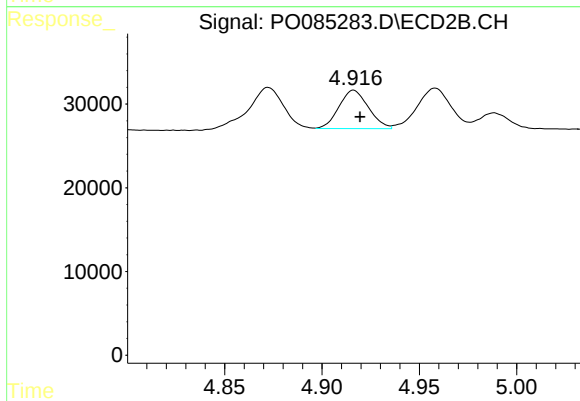
#5 AR-1016-3

R.T.: 4.872 min
Delta R.T.: -0.003 min
Response: 59616
Conc: 43.55 ng/ml



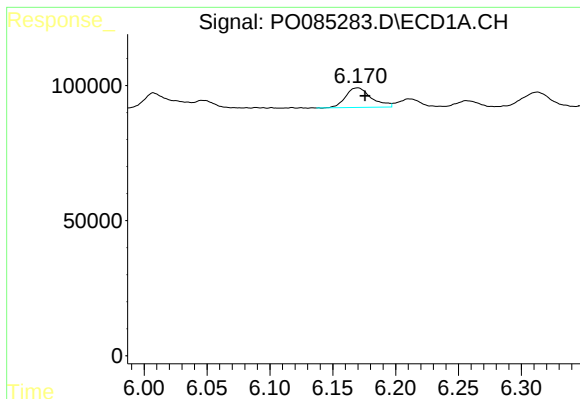
#6 AR-1016-4

R.T.: 5.870 min
Delta R.T.: -0.006 min
Response: 95958
Conc: 28.64 ng/ml



#6 AR-1016-4

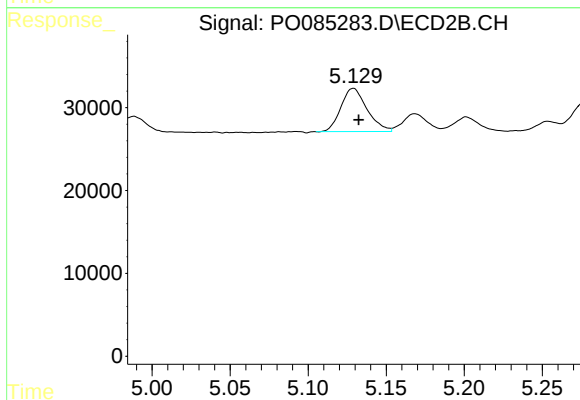
R.T.: 4.916 min
Delta R.T.: -0.003 min
Response: 48487
Conc: 42.22 ng/ml



#7 AR-1016-5

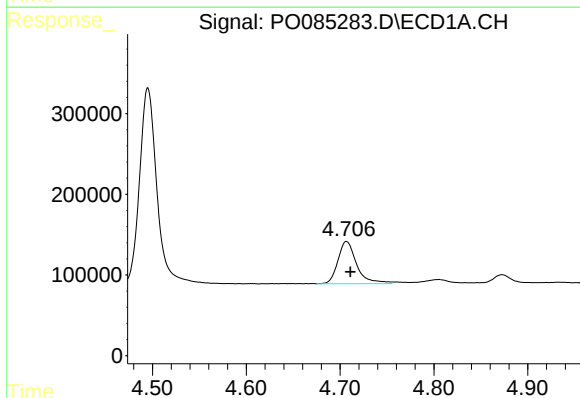
R.T.: 6.170 min
Delta R.T.: -0.006 min
Response: 103352
Conc: 33.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



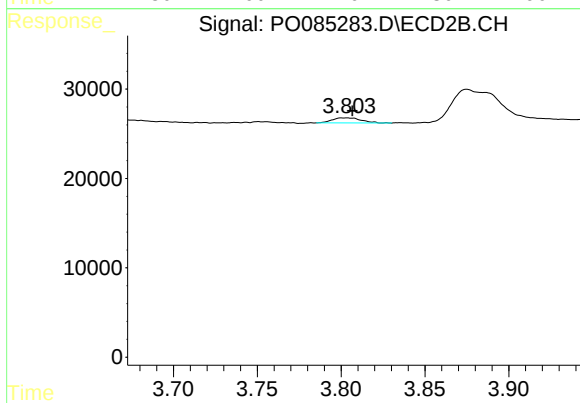
#7 AR-1016-5

R.T.: 5.129 min
Delta R.T.: -0.004 min
Response: 60864
Conc: 42.50 ng/ml



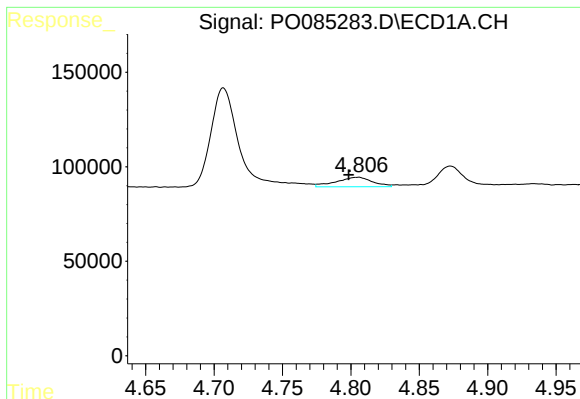
#8 AR-1221-1

R.T.: 4.707 min
Delta R.T.: -0.004 min
Response: 725223
Conc: 392.48 ng/ml



#8 AR-1221-1

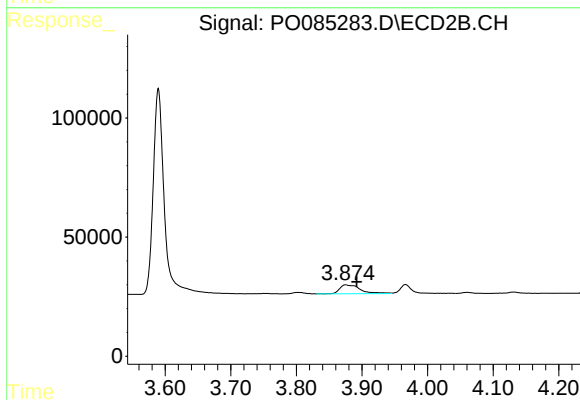
R.T.: 3.804 min
Delta R.T.: -0.003 min
Response: 6859
Conc: 12.44 ng/ml



#9 AR-1221-2

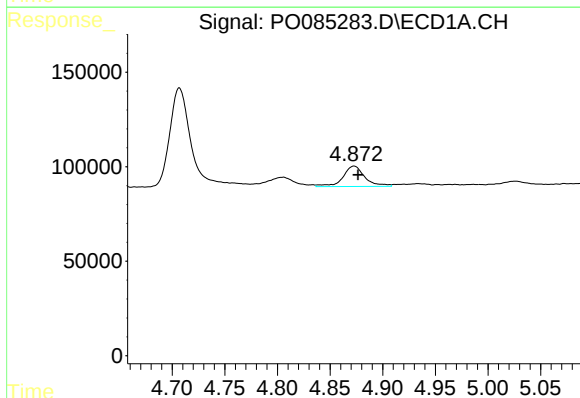
R.T.: 4.806 min
Delta R.T.: 0.007 min
Response: 92659
Conc: 69.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



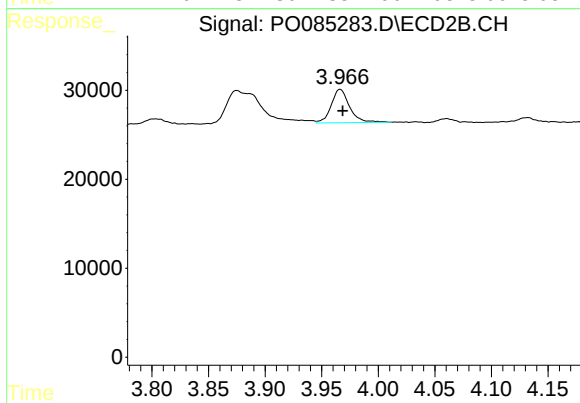
#9 AR-1221-2

R.T.: 3.875 min
Delta R.T.: -0.017 min
Response: 80660
Conc: 189.72 ng/ml



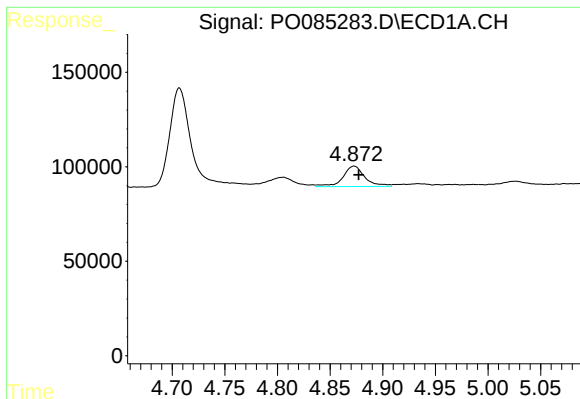
#10 AR-1221-3

R.T.: 4.873 min
Delta R.T.: -0.004 min
Response: 157216
Conc: 40.30 ng/ml



#10 AR-1221-3

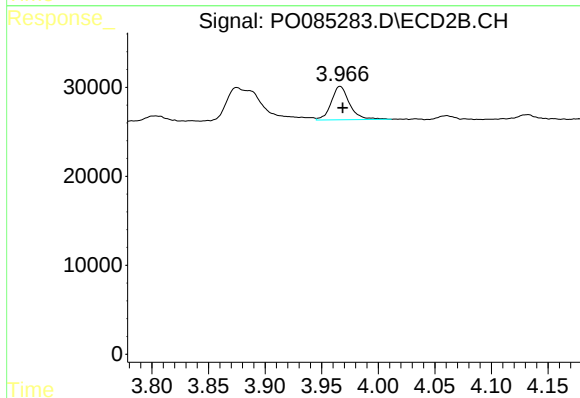
R.T.: 3.966 min
Delta R.T.: -0.002 min
Response: 42197
Conc: 32.39 ng/ml



#11 AR-1232-1

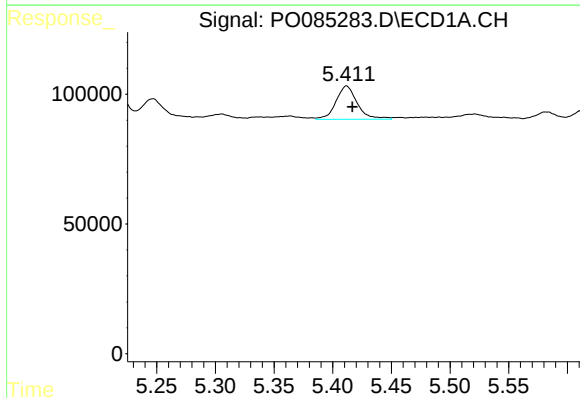
R.T.: 4.873 min
Delta R.T.: -0.004 min
Response: 157216
Conc: 55.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



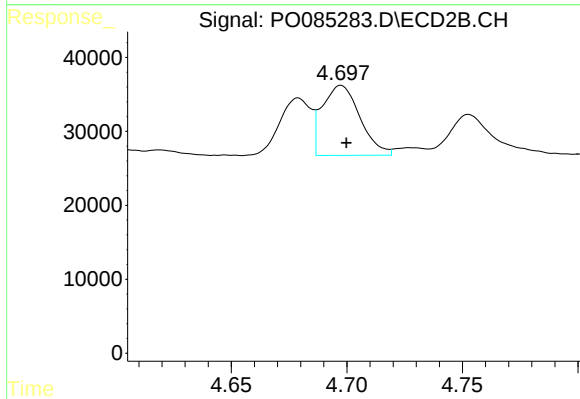
#11 AR-1232-1

R.T.: 3.966 min
Delta R.T.: -0.002 min
Response: 42197
Conc: 42.48 ng/ml



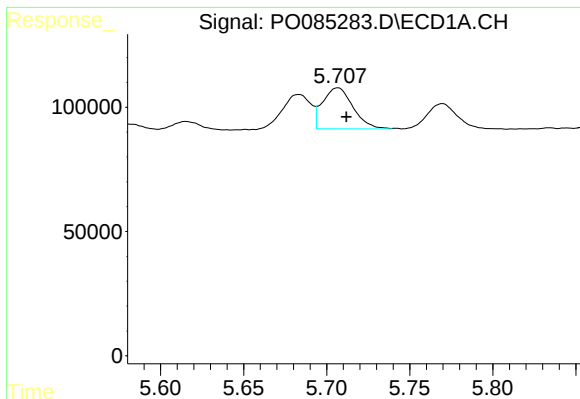
#12 AR-1232-2

R.T.: 5.412 min
Delta R.T.: -0.005 min
Response: 162496
Conc: 100.87 ng/ml



#12 AR-1232-2

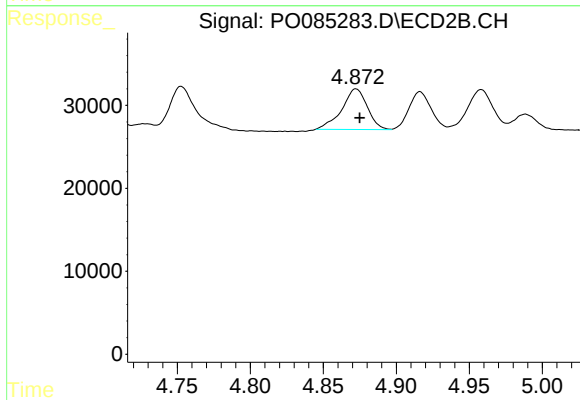
R.T.: 4.698 min
Delta R.T.: -0.002 min
Response: 107371
Conc: 102.58 ng/ml



#13 AR-1232-3

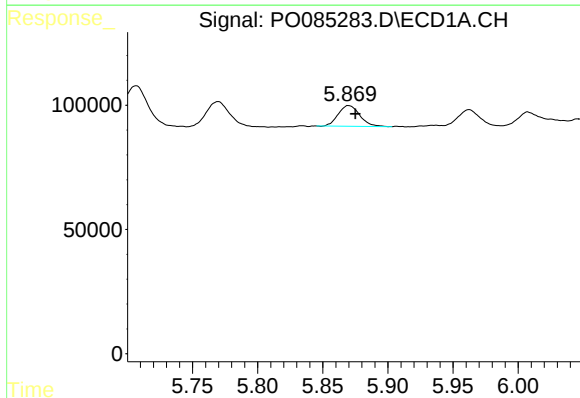
R.T.: 5.707 min
Delta R.T.: -0.005 min
Response: 209562
Conc: 74.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



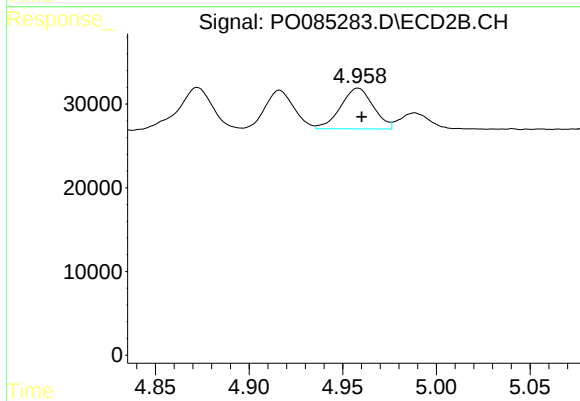
#13 AR-1232-3

R.T.: 4.872 min
Delta R.T.: -0.002 min
Response: 59616
Conc: 104.71 ng/ml



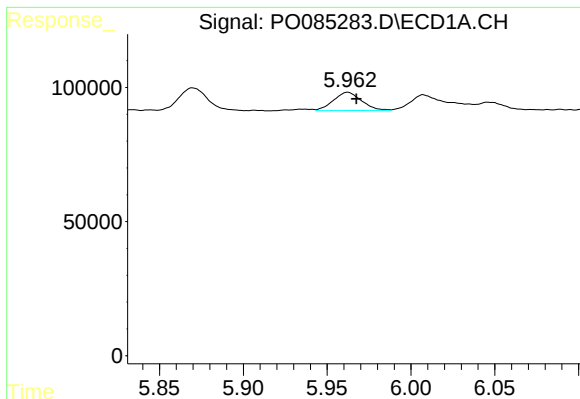
#14 AR-1232-4

R.T.: 5.870 min
Delta R.T.: -0.005 min
Response: 95958
Conc: 70.36 ng/ml



#14 AR-1232-4

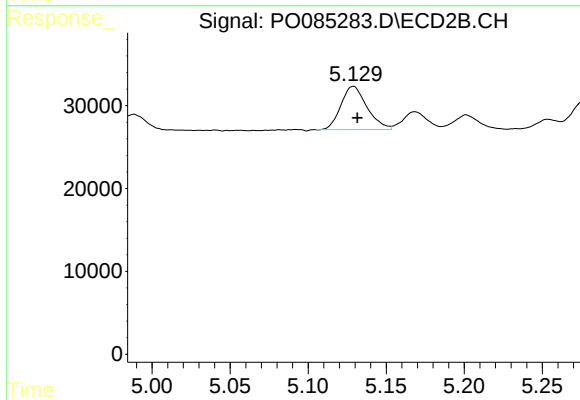
R.T.: 4.958 min
Delta R.T.: -0.002 min
Response: 58997
Conc: 111.71 ng/ml



#15 AR-1232-5

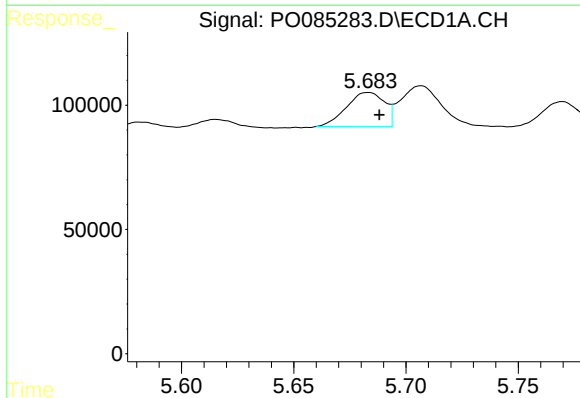
R.T.: 5.962 min
Delta R.T.: -0.005 min
Response: 79804
Conc: 77.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



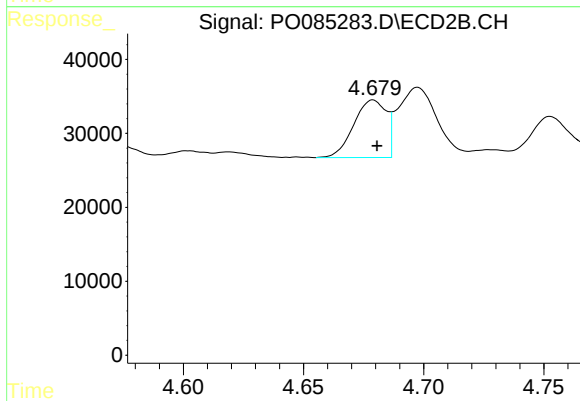
#15 AR-1232-5

R.T.: 5.129 min
Delta R.T.: -0.003 min
Response: 60864
Conc: 103.01 ng/ml



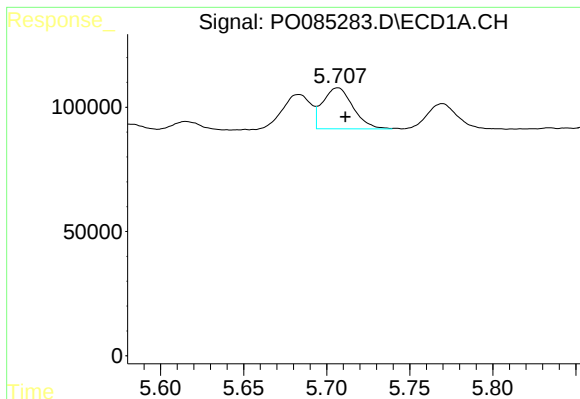
#16 AR-1242-1

R.T.: 5.683 min
Delta R.T.: -0.005 min
Response: 162546
Conc: 47.70 ng/ml



#16 AR-1242-1

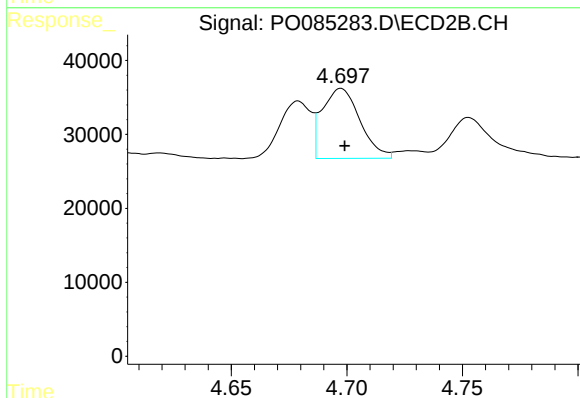
R.T.: 4.679 min
Delta R.T.: -0.002 min
Response: 73333
Conc: 58.58 ng/ml



#17 AR-1242-2

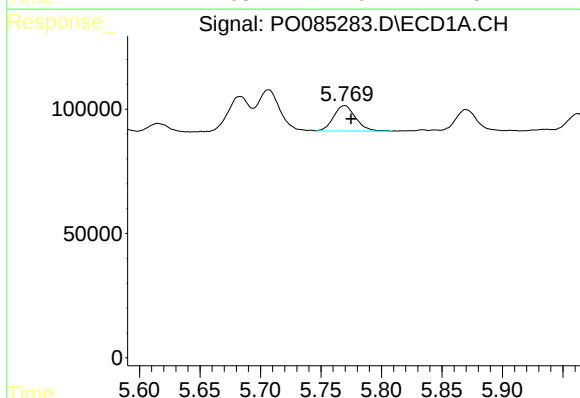
R.T.: 5.707 min
Delta R.T.: -0.004 min
Response: 209562
Conc: 41.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



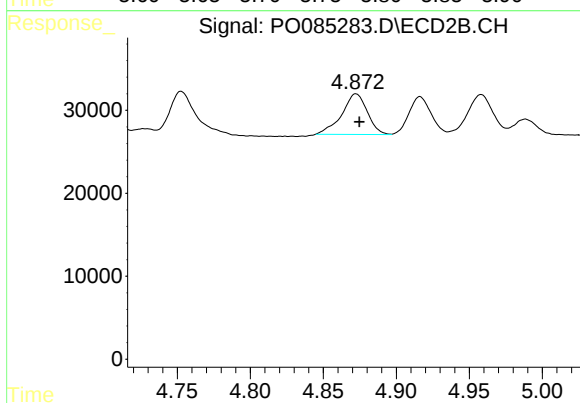
#17 AR-1242-2

R.T.: 4.698 min
Delta R.T.: -0.002 min
Response: 107371
Conc: 59.78 ng/ml



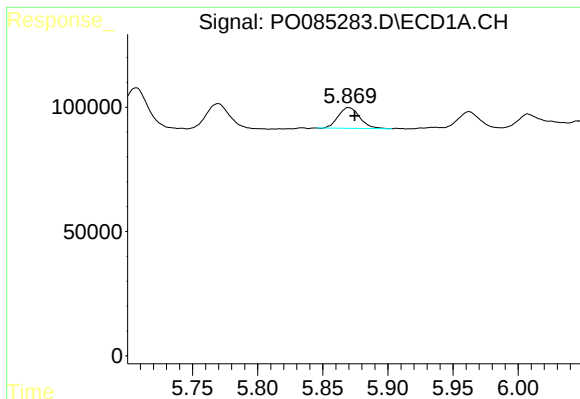
#18 AR-1242-3

R.T.: 5.770 min
Delta R.T.: -0.005 min
Response: 129261
Conc: 42.57 ng/ml



#18 AR-1242-3

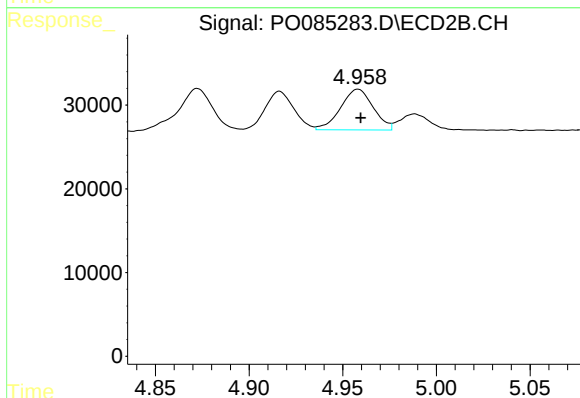
R.T.: 4.872 min
Delta R.T.: -0.002 min
Response: 59616
Conc: 60.42 ng/ml



#19 AR-1242-4

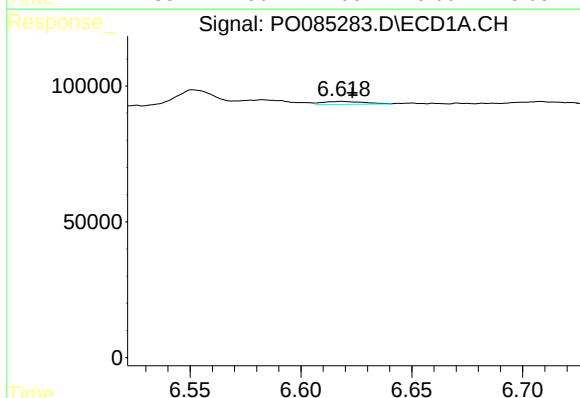
R.T.: 5.870 min
Delta R.T.: -0.005 min
Response: 95958
Conc: 40.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



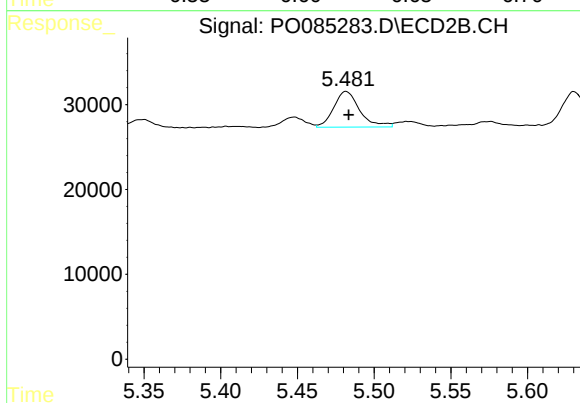
#19 AR-1242-4

R.T.: 4.958 min
Delta R.T.: -0.001 min
Response: 58997
Conc: 57.69 ng/ml



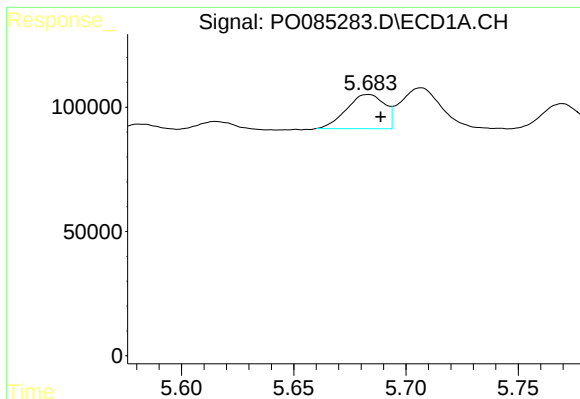
#20 AR-1242-5

R.T.: 6.618 min
Delta R.T.: -0.005 min
Response: 14556
Conc: 7.69 ng/ml



#20 AR-1242-5

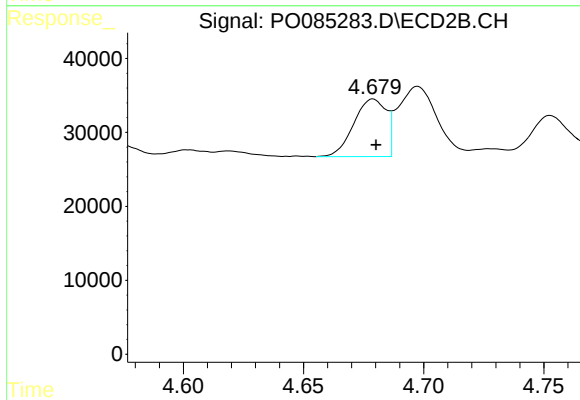
R.T.: 5.482 min
Delta R.T.: -0.002 min
Response: 49736
Conc: 38.73 ng/ml



#21 AR-1248-1

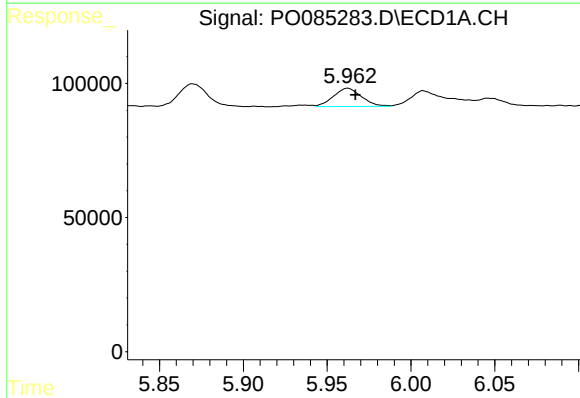
R.T.: 5.683 min
Delta R.T.: -0.005 min
Response: 162546
Conc: 61.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



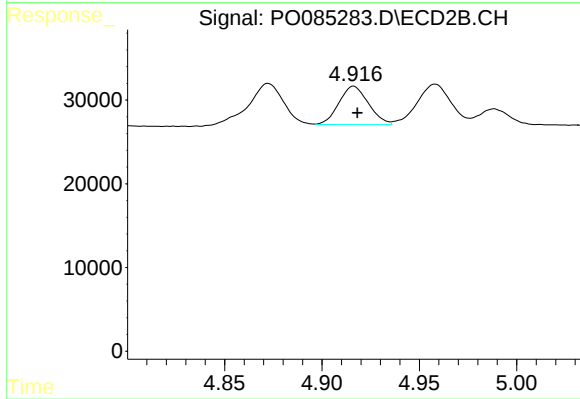
#21 AR-1248-1

R.T.: 4.679 min
Delta R.T.: -0.001 min
Response: 73333
Conc: 71.85 ng/ml



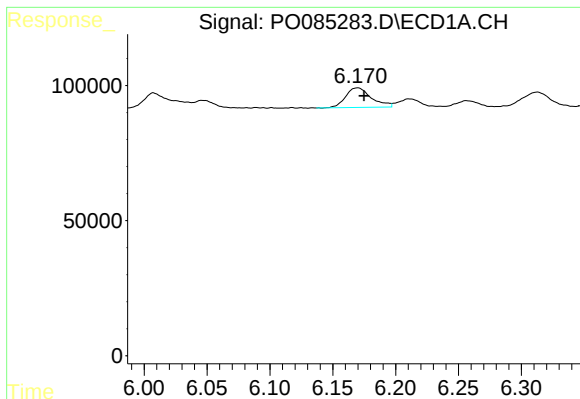
#22 AR-1248-2

R.T.: 5.962 min
Delta R.T.: -0.005 min
Response: 79804
Conc: 24.05 ng/ml



#22 AR-1248-2

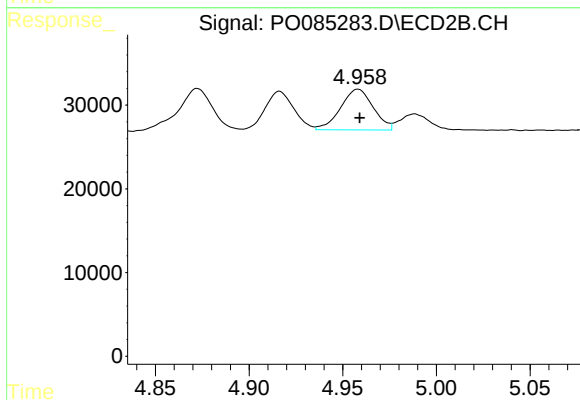
R.T.: 4.916 min
Delta R.T.: -0.002 min
Response: 48487
Conc: 33.47 ng/ml



#23 AR-1248-3

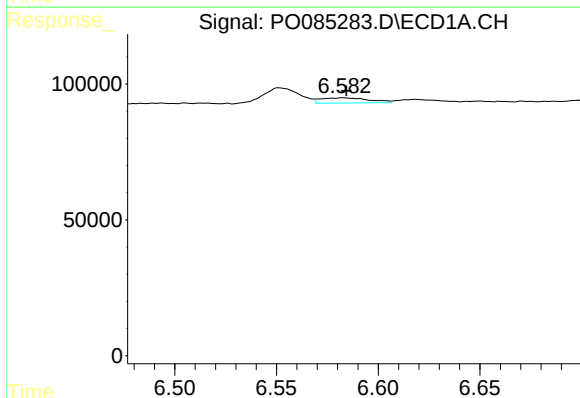
R.T.: 6.170 min
Delta R.T.: -0.005 min
Response: 103352
Conc: 30.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



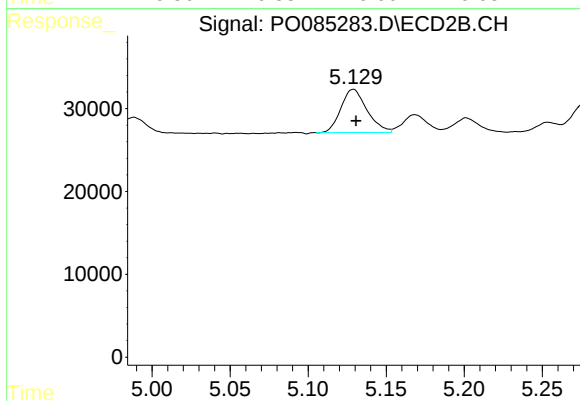
#23 AR-1248-3

R.T.: 4.958 min
Delta R.T.: 0.000 min
Response: 58997
Conc: 39.89 ng/ml



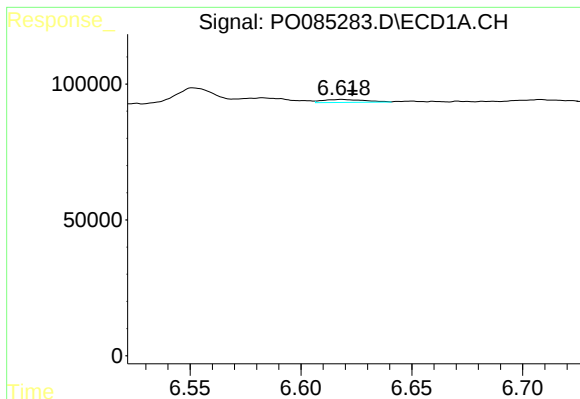
#24 AR-1248-4

R.T.: 6.583 min
Delta R.T.: -0.002 min
Response: 30936
Conc: 9.33 ng/ml



#24 AR-1248-4

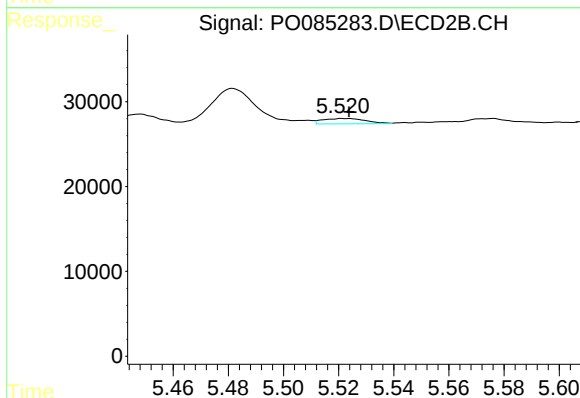
R.T.: 5.129 min
Delta R.T.: -0.002 min
Response: 60864
Conc: 34.87 ng/ml



#25 AR-1248-5

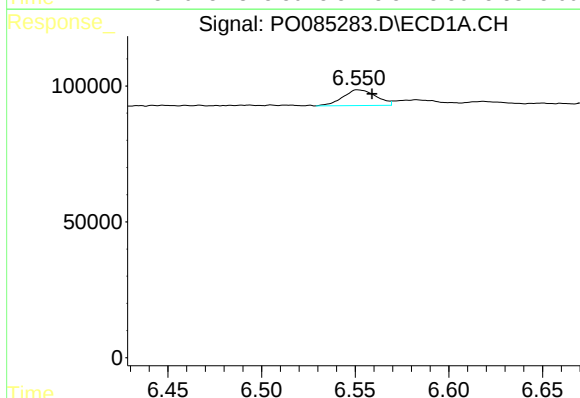
R.T.: 6.618 min
Delta R.T.: -0.005 min
Response: 14556
Conc: 4.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



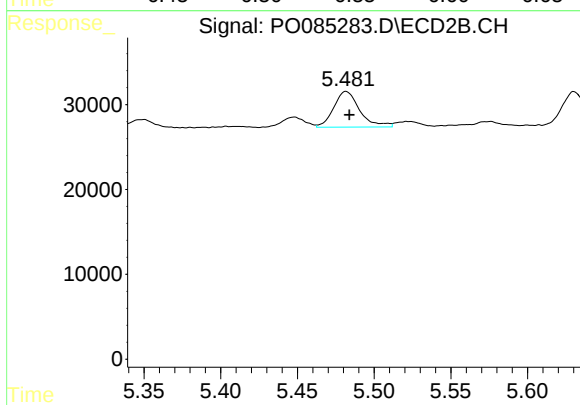
#25 AR-1248-5

R.T.: 5.522 min
Delta R.T.: -0.002 min
Response: 6895
Conc: 4.21 ng/ml



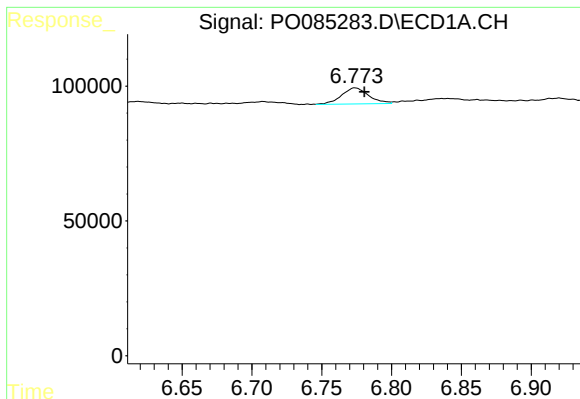
#26 AR-1254-1

R.T.: 6.551 min
Delta R.T.: -0.008 min
Response: 70613
Conc: 20.65 ng/ml



#26 AR-1254-1

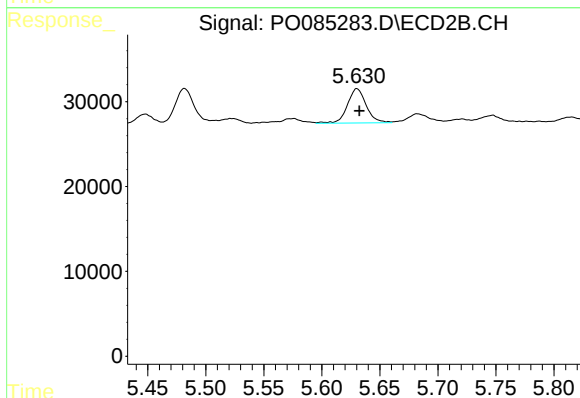
R.T.: 5.482 min
Delta R.T.: -0.002 min
Response: 49736
Conc: 19.51 ng/ml



#27 AR-1254-2

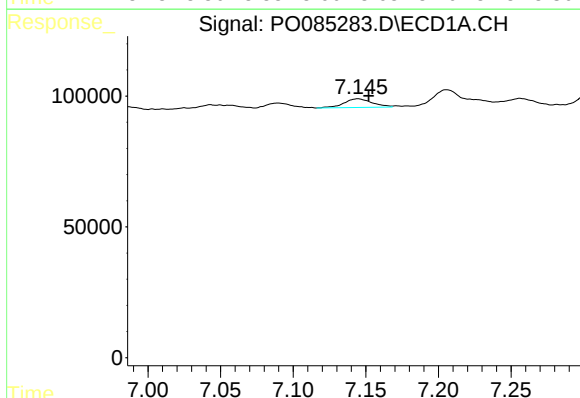
R.T.: 6.774 min
Delta R.T.: -0.007 min
Response: 80538
Conc: 15.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



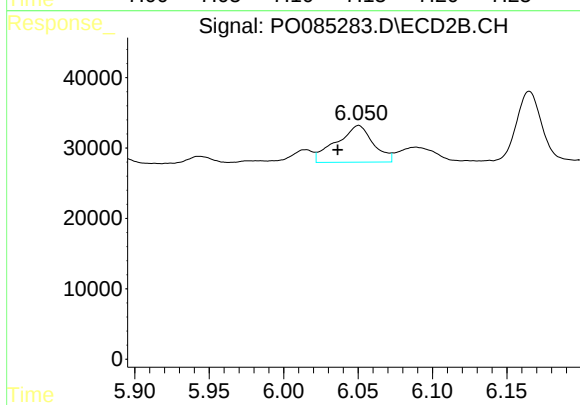
#27 AR-1254-2

R.T.: 5.630 min
Delta R.T.: -0.002 min
Response: 45578
Conc: 19.51 ng/ml



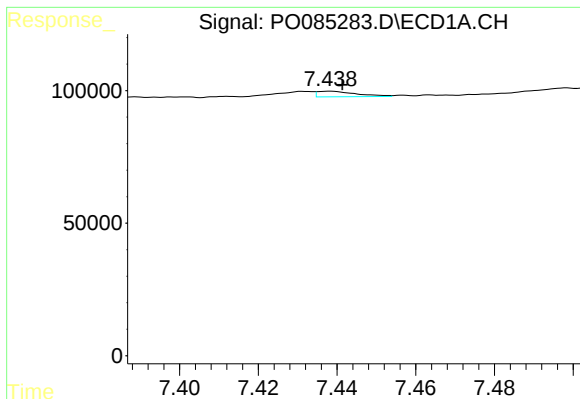
#28 AR-1254-3

R.T.: 7.145 min
Delta R.T.: -0.007 min
Response: 45137
Conc: 8.96 ng/ml



#28 AR-1254-3

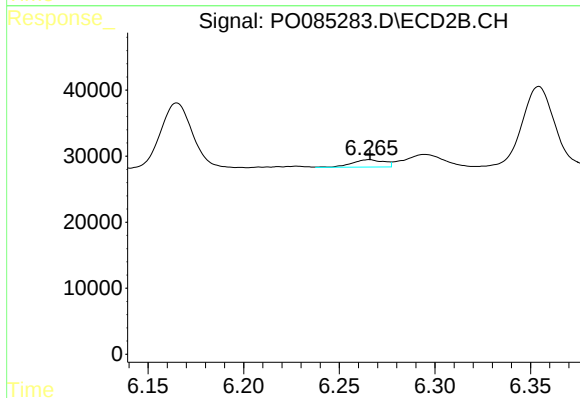
R.T.: 6.050 min
Delta R.T.: 0.014 min
Response: 89843
Conc: 24.85 ng/ml



#29 AR-1254-4

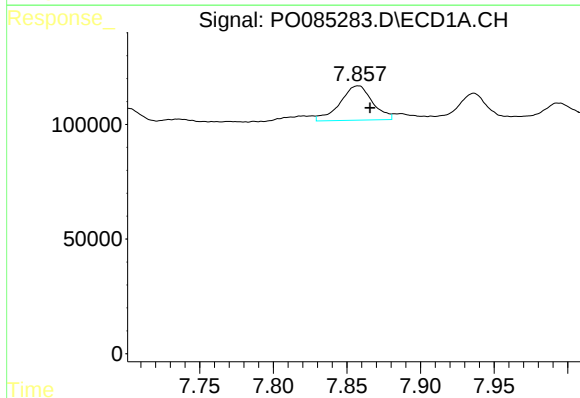
R.T.: 7.438 min
Delta R.T.: -0.003 min
Response: 14408
Conc: 3.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



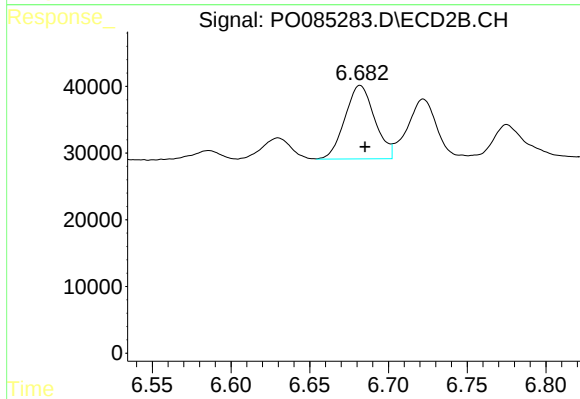
#29 AR-1254-4

R.T.: 6.266 min
Delta R.T.: 0.000 min
Response: 13117
Conc: 5.88 ng/ml



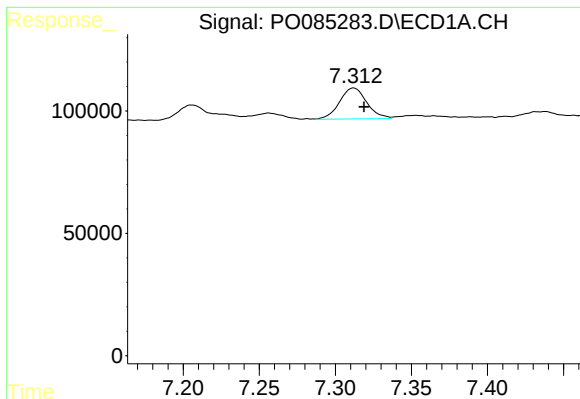
#30 AR-1254-5

R.T.: 7.858 min
Delta R.T.: -0.008 min
Response: 229704
Conc: 58.69 ng/ml



#30 AR-1254-5

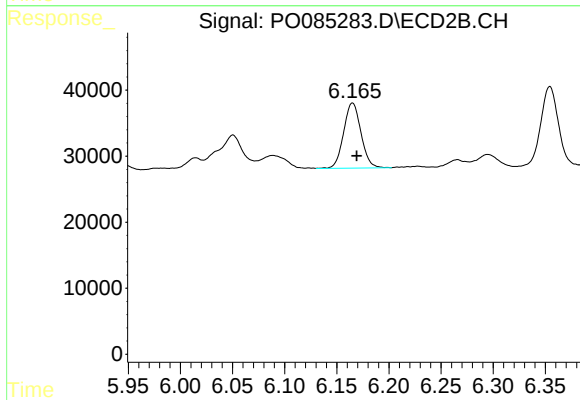
R.T.: 6.682 min
Delta R.T.: -0.003 min
Response: 145117
Conc: 43.19 ng/ml



#31 AR-1260-1

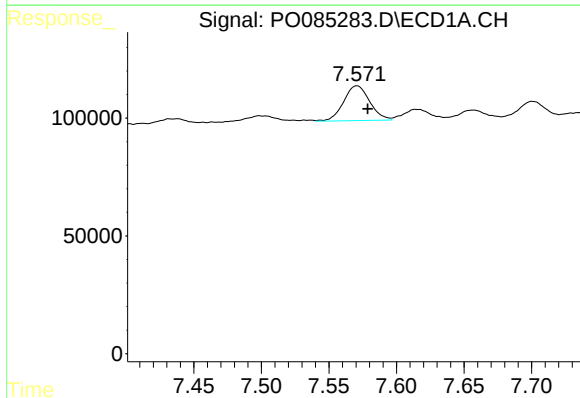
R.T.: 7.312 min
Delta R.T.: -0.007 min
Response: 157970
Conc: 38.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



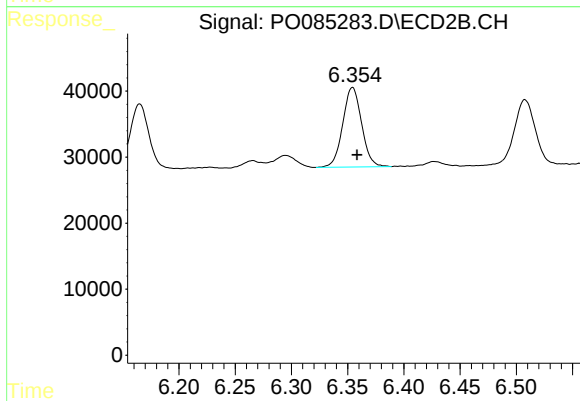
#31 AR-1260-1

R.T.: 6.165 min
Delta R.T.: -0.004 min
Response: 114720
Conc: 43.70 ng/ml



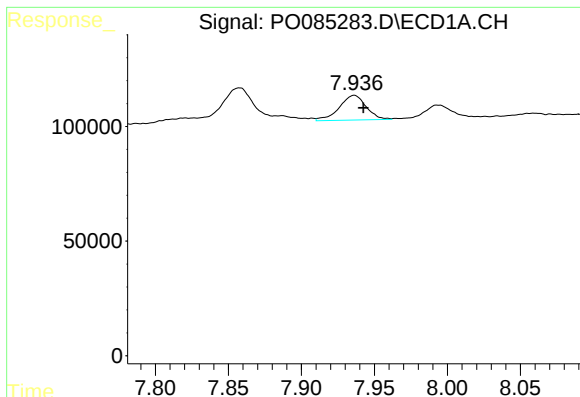
#32 AR-1260-2

R.T.: 7.571 min
Delta R.T.: -0.008 min
Response: 199438
Conc: 41.61 ng/ml



#32 AR-1260-2

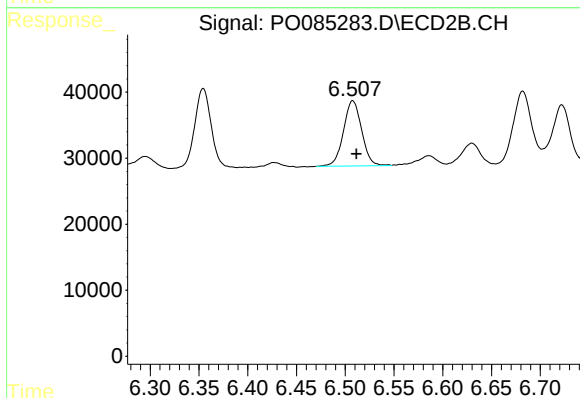
R.T.: 6.354 min
Delta R.T.: -0.004 min
Response: 140894
Conc: 45.06 ng/ml



#33 AR-1260-3

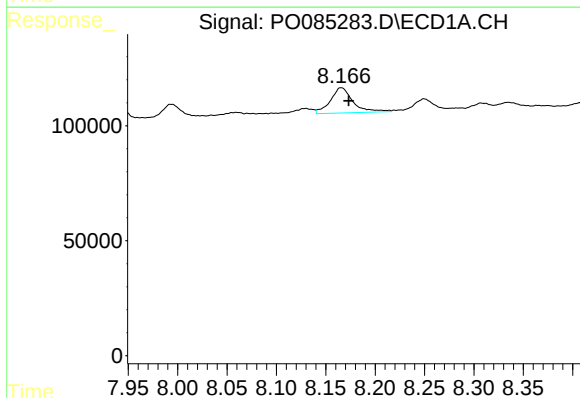
R.T.: 7.936 min
Delta R.T.: -0.006 min
Response: 138311
Conc: 42.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



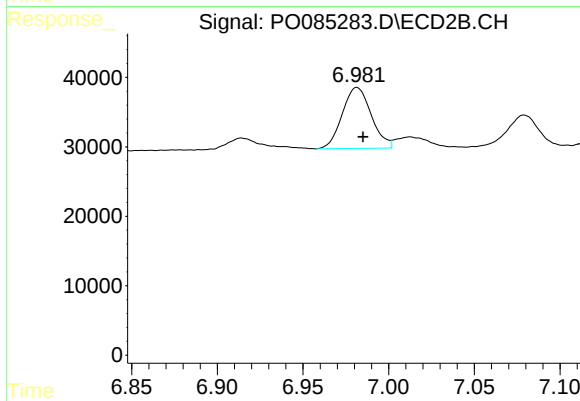
#33 AR-1260-3

R.T.: 6.508 min
Delta R.T.: -0.004 min
Response: 128563
Conc: 41.51 ng/ml



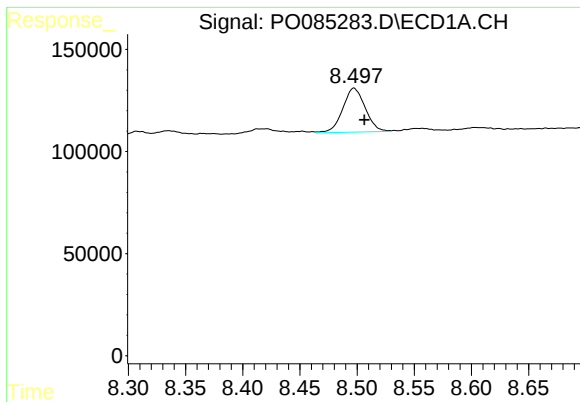
#34 AR-1260-4

R.T.: 8.166 min
Delta R.T.: -0.008 min
Response: 174669
Conc: 45.70 ng/ml



#34 AR-1260-4

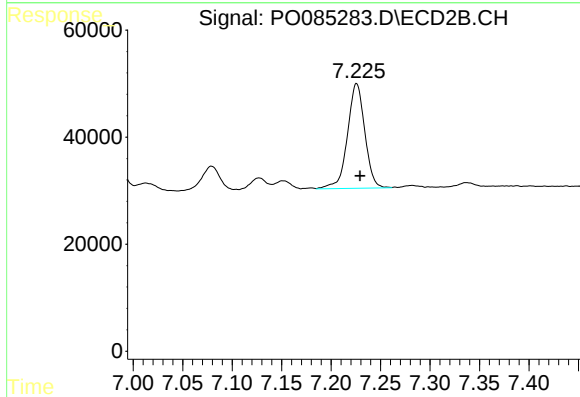
R.T.: 6.982 min
Delta R.T.: -0.004 min
Response: 103679
Conc: 47.06 ng/ml



#35 AR-1260-5

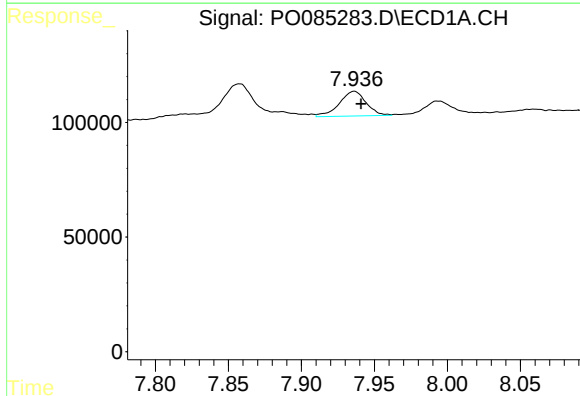
R.T.: 8.497 min
Delta R.T.: -0.009 min
Response: 295346
Conc: 42.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



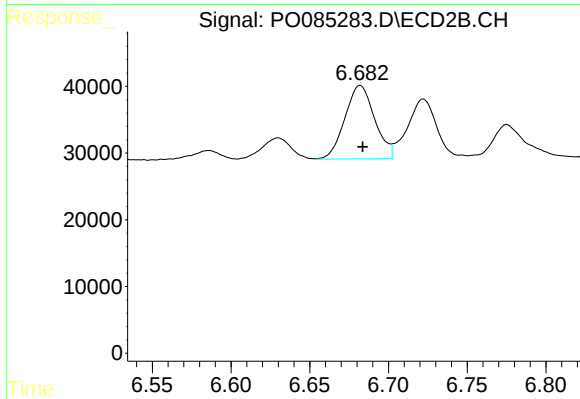
#35 AR-1260-5

R.T.: 7.226 min
Delta R.T.: -0.003 min
Response: 238453
Conc: 47.89 ng/ml



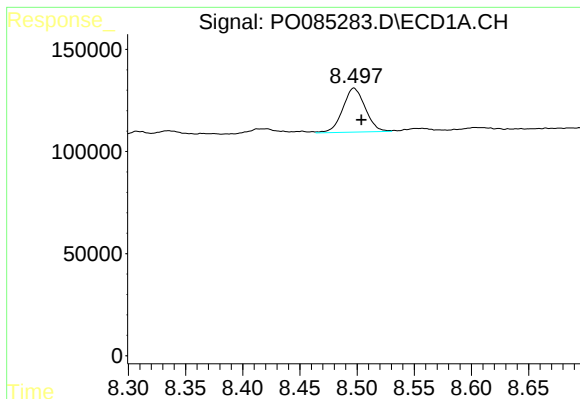
#36 AR-1262-1

R.T.: 7.936 min
Delta R.T.: -0.005 min
Response: 138311
Conc: 30.36 ng/ml



#36 AR-1262-1

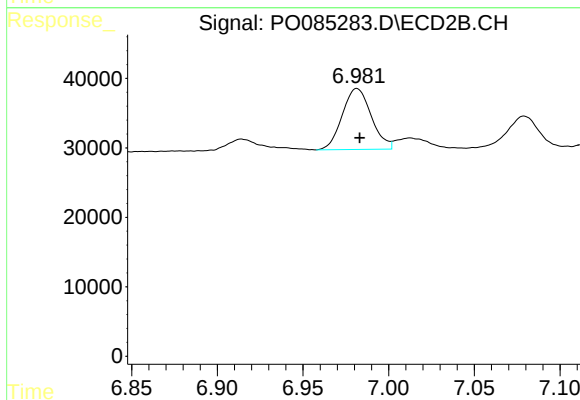
R.T.: 6.682 min
Delta R.T.: -0.002 min
Response: 145117
Conc: 84.48 ng/ml



#37 AR-1262-2

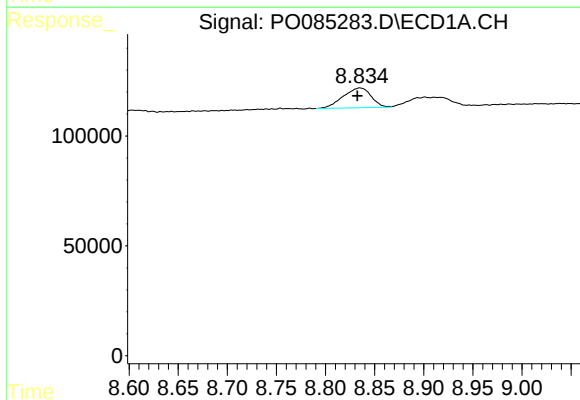
R.T.: 8.497 min
Delta R.T.: -0.007 min
Response: 295346
Conc: 35.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



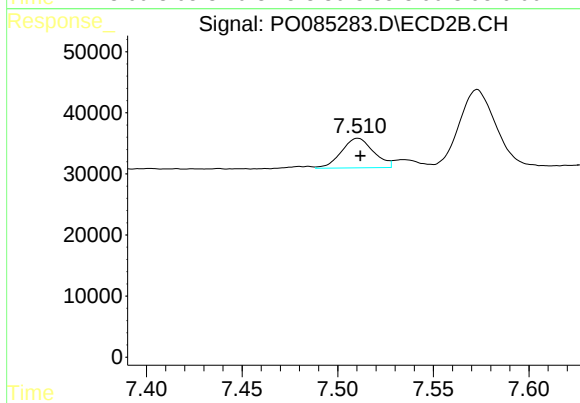
#37 AR-1262-2

R.T.: 6.982 min
Delta R.T.: -0.002 min
Response: 103679
Conc: 36.00 ng/ml



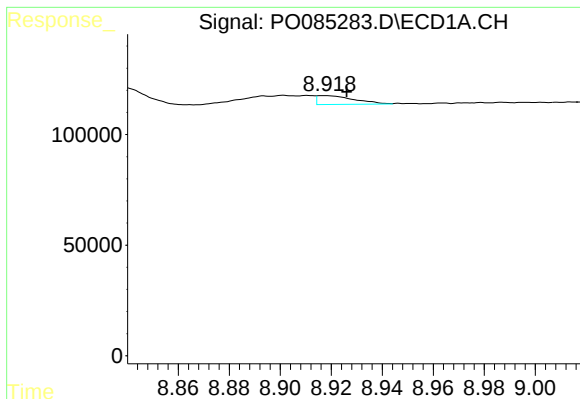
#38 AR-1262-3

R.T.: 8.835 min
Delta R.T.: 0.002 min
Response: 179666
Conc: 33.59 ng/ml



#38 AR-1262-3

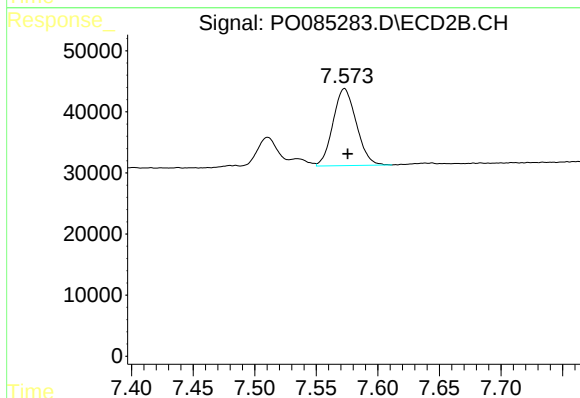
R.T.: 7.511 min
Delta R.T.: -0.001 min
Response: 56629
Conc: 25.06 ng/ml



#39 AR-1262-4

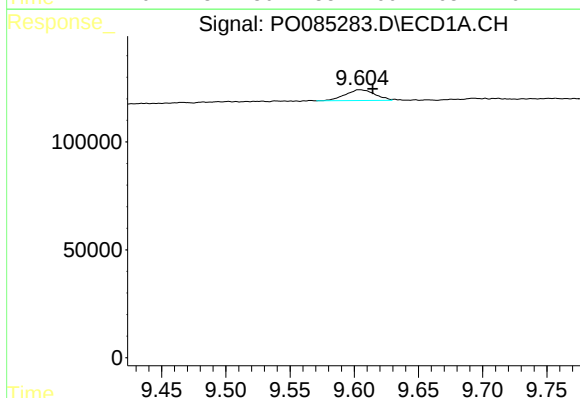
R.T.: 8.918 min
Delta R.T.: -0.008 min
Response: 40086
Conc: 16.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



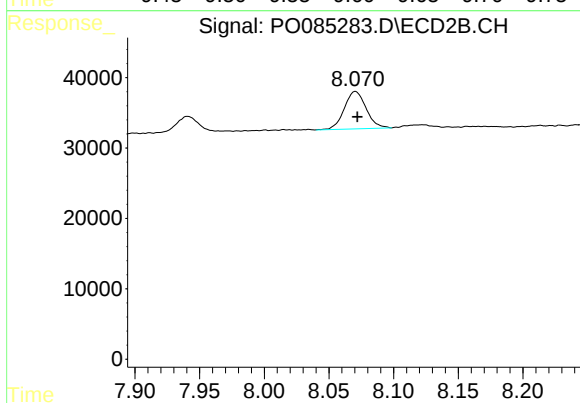
#39 AR-1262-4

R.T.: 7.573 min
Delta R.T.: -0.003 min
Response: 166286
Conc: 40.42 ng/ml



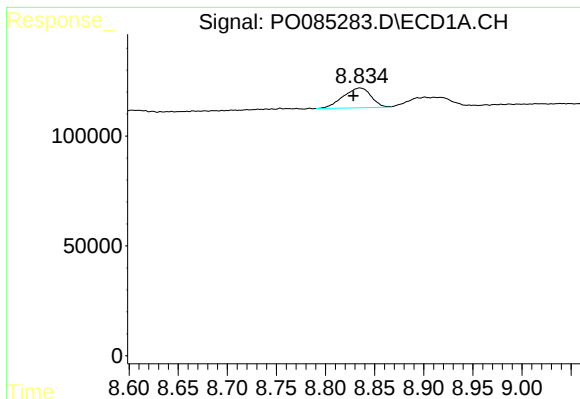
#40 AR-1262-5

R.T.: 9.604 min
Delta R.T.: -0.010 min
Response: 81016
Conc: 29.28 ng/ml



#40 AR-1262-5

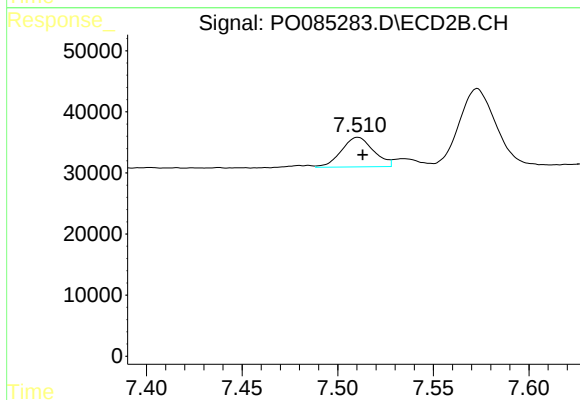
R.T.: 8.070 min
Delta R.T.: -0.002 min
Response: 62456
Conc: 33.54 ng/ml



#41 AR-1268-1

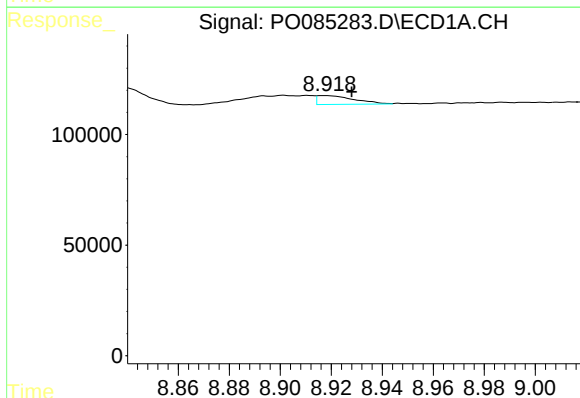
R.T.: 8.835 min
Delta R.T.: 0.006 min
Response: 179666
Conc: 19.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



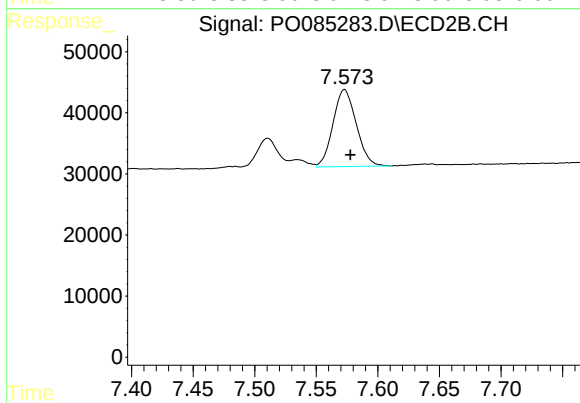
#41 AR-1268-1

R.T.: 7.511 min
Delta R.T.: -0.002 min
Response: 56629
Conc: 8.63 ng/ml



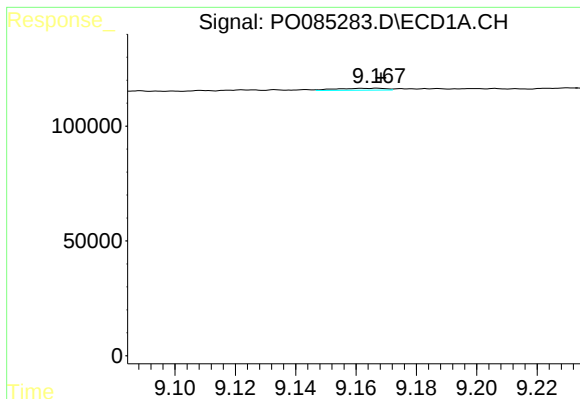
#42 AR-1268-2

R.T.: 8.918 min
Delta R.T.: -0.010 min
Response: 40086
Conc: 4.72 ng/ml



#42 AR-1268-2

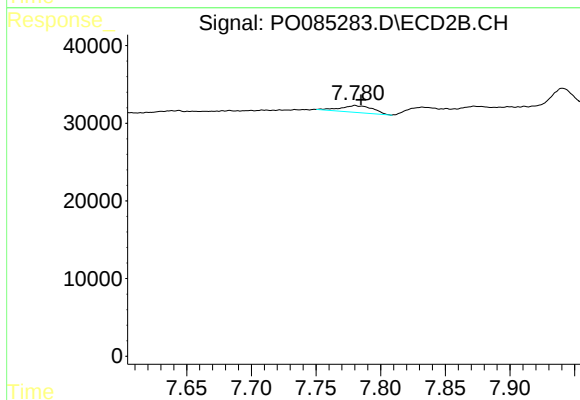
R.T.: 7.573 min
Delta R.T.: -0.005 min
Response: 166286
Conc: 28.43 ng/ml



#43 AR-1268-3

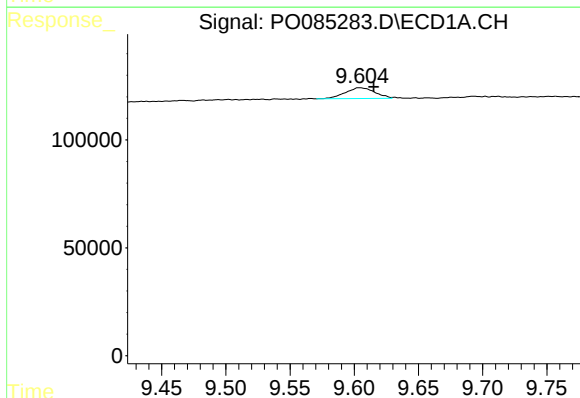
R.T.: 9.167 min
Delta R.T.: -0.001 min
Response: 9612
Conc: 1.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



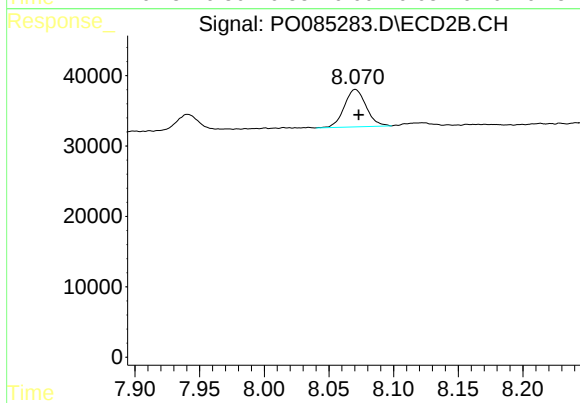
#43 AR-1268-3

R.T.: 7.780 min
Delta R.T.: -0.005 min
Response: 15325
Conc: 3.09 ng/ml



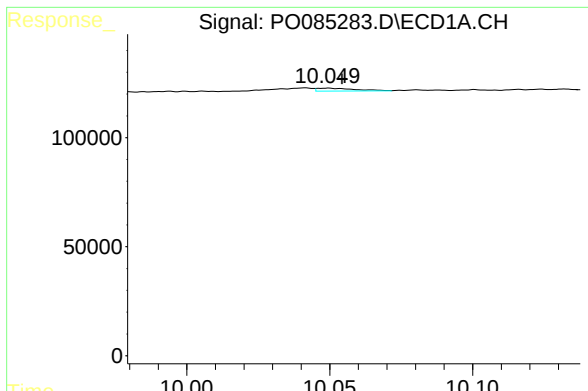
#44 AR-1268-4

R.T.: 9.604 min
Delta R.T.: -0.011 min
Response: 81016
Conc: 26.47 ng/ml



#44 AR-1268-4

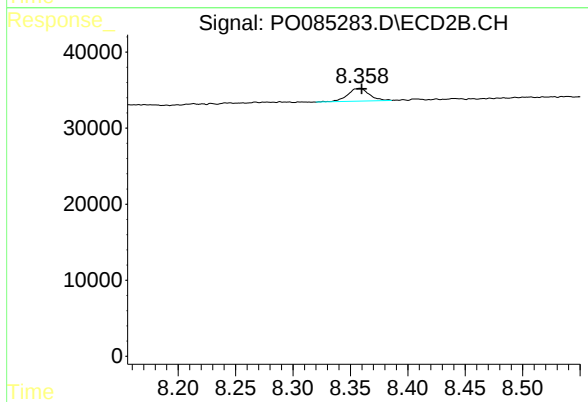
R.T.: 8.070 min
Delta R.T.: -0.003 min
Response: 62456
Conc: 29.43 ng/ml



#45 AR-1268-5

R.T.: 10.050 min
Delta R.T.: -0.005 min
Response: 12317
Conc: 0.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.358 min
Delta R.T.: -0.002 min
Response: 22026
Conc: 1.53 ng/ml