

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0031022\
 Data File : P0085279.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 10 Mar 2022 18:12
 Operator : YP\AJ
 Sample : N1645-01
 Misc : AR1262 LOD 40 PPB
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 11 02:18:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\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	3.589	3147066	1003869	18.328	22.000
2)	SA Decachlor...	10.402	8.609	1417799	923907	21.651	24.267
Target Compounds							
3)	L1 AR-1016-1	5.682	4.694	3368	10244	0.738	6.119 #
4)	L1 AR-1016-2	5.682	4.694	3368	10244	0.500	4.231 #
5)	L1 AR-1016-3	5.756	4.926f	14605	5281	3.617	3.858
6)	L1 AR-1016-4	5.875	4.926	1480	5281	0.442	4.598 #
7)	L1 AR-1016-5	6.177	0.000	2019	0	0.654	N.D. #
8)	L2 AR-1221-1	4.707	3.875f	803613	68670	434.902	124.572 #
9)	L2 AR-1221-2	4.807	3.875	58634	68670	44.079	161.516 #
10)	L2 AR-1221-3	4.874	0.000	26861	0	6.885	N.D. #
11)	L3 AR-1232-1	4.874	0.000	26861	0	9.514	N.D. #
12)	L3 AR-1232-2	5.410	4.694	5283	10244	3.279	9.787 #
13)	L3 AR-1232-3	5.682	4.926f	3368	5281	1.190	9.275 #
14)	L3 AR-1232-4	5.875	4.926	1480	5281	1.085	10.000 #
15)	L3 AR-1232-5	5.996	0.000	6873	0	6.682	N.D. #
16)	L4 AR-1242-1	5.682	4.694	3368	10244	0.988	8.183 #
17)	L4 AR-1242-2	5.682	4.694	3368	10244	0.673	5.704 #
18)	L4 AR-1242-3	5.756	4.926f	14605	5281	4.810	5.352
19)	L4 AR-1242-4	5.875	4.926	1480	5281	0.628	5.164 #
20)	L4 AR-1242-5	6.617	5.483	4488	16757	2.372	13.050 #
21)	L5 AR-1248-1	5.682	4.694	3368	10244	1.267	10.037 #
22)	L5 AR-1248-2	5.996	4.926	6873	5281	2.072	3.645 #
23)	L5 AR-1248-3	6.177	4.926	2019	5281	0.589	3.570 #
24)	L5 AR-1248-4	6.584	0.000	3660	0	1.103	N.D. #
25)	L5 AR-1248-5	6.617	5.483f	4488	16757	1.420	10.239 #
26)	L6 AR-1254-1	6.553	5.483	31787	16757	9.297	6.572 #
27)	L6 AR-1254-2	6.774	5.630	36247	19634	7.132	8.406
28)	L6 AR-1254-3	7.146	6.051	18087	69318	3.591	19.176 #
29)	L6 AR-1254-4	7.433	6.266	16146	4196	4.414	1.882 #
30)	L6 AR-1254-5	7.856	6.683	150309	81609	38.401	24.291 #
31)	L7 AR-1260-1	7.311	6.165	142361	101235	34.996	38.563
32)	L7 AR-1260-2	7.573	6.355	155657	115937	32.472	37.077
33)	L7 AR-1260-3	7.936	6.509	206713	114264	63.607	36.894 #
34)	L7 AR-1260-4	8.167	6.982	214387	137536	56.091	62.427
35)	L7 AR-1260-5	8.498	7.225	365091	252616	53.035	50.737
36)	L8 AR-1262-1	7.936	6.683	206713	81609	45.370	47.506
37)	L8 AR-1262-2	8.498	6.982	365091	137536	44.477	47.757
38)	L8 AR-1262-3	8.825	7.511	205607	108246	38.437	47.905
39)	L8 AR-1262-4	8.918	7.574	174222	189440	70.043	46.050 #
40)	L8 AR-1262-5	9.606	8.071	118007	85126	42.648	45.708
41)	L9 AR-1268-1	8.825	7.511	205607	108246	21.935	16.501

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0031022\
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Instrument :
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 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

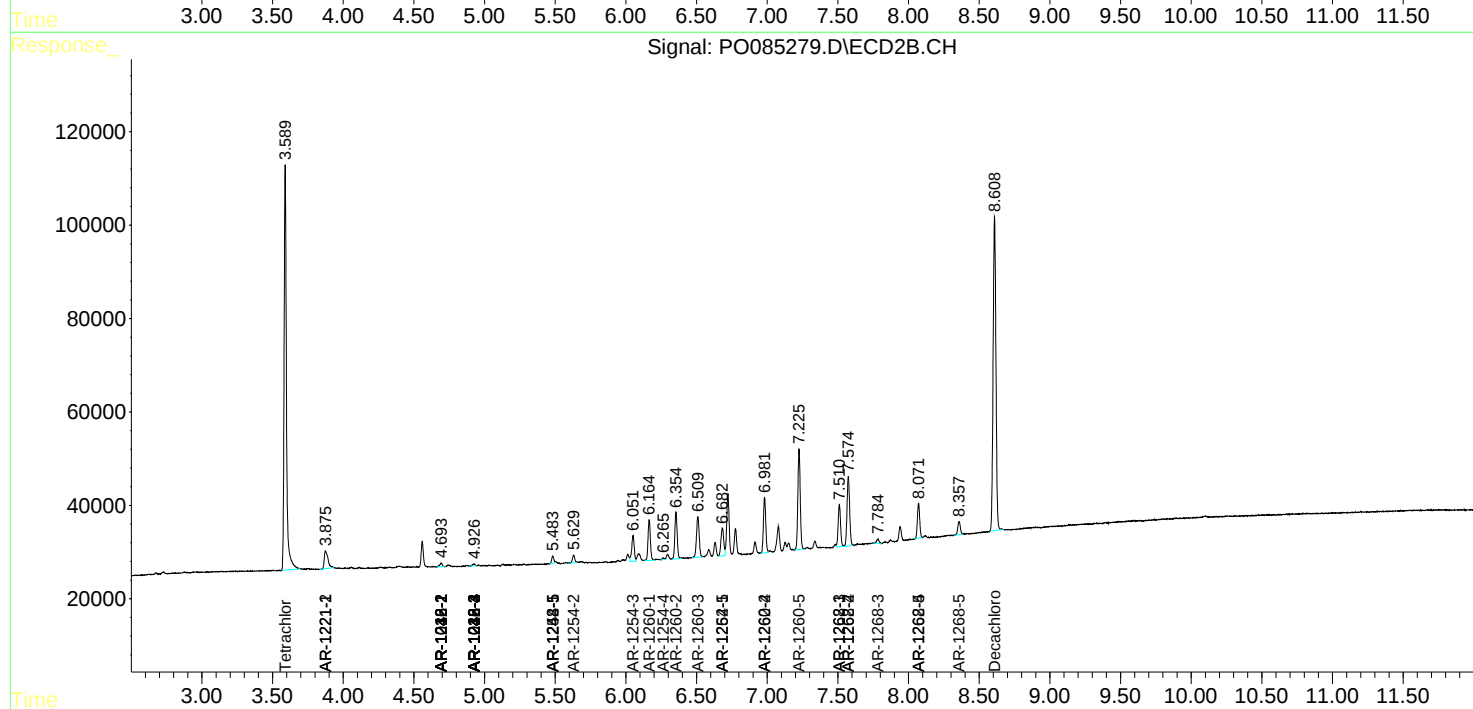
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

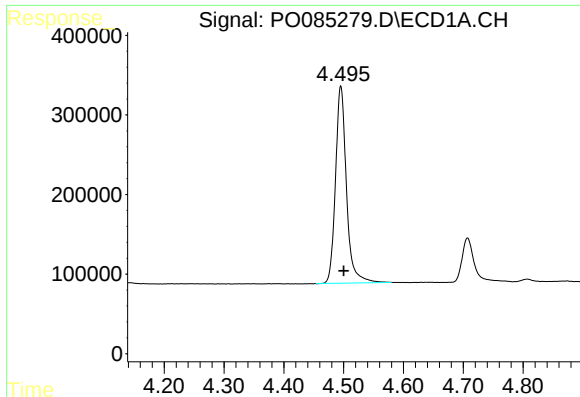
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.918	7.574	174222	189440	20.528	32.386 #
43) L9	AR-1268-3	9.168	7.784	8563	12052	1.194	2.431 #
44) L9	AR-1268-4	9.606	8.071	118007	85126	38.553	40.113
45) L9	AR-1268-5	10.043	8.358	48035	35053	2.014	2.442

(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

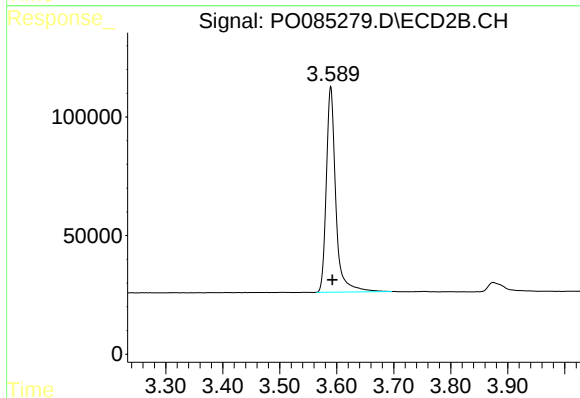




#1 Tetrachloro-m-xylene

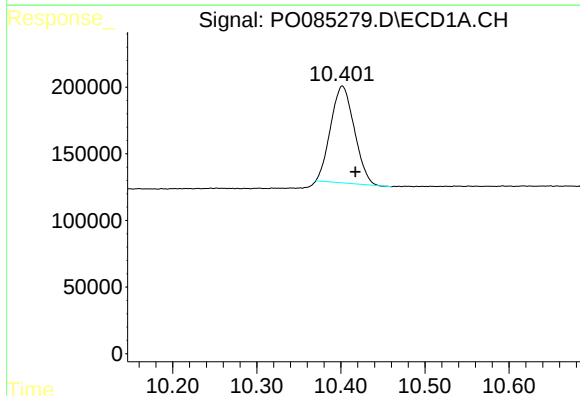
R.T.: 4.495 min
Delta R.T.: -0.005 min
Response: 3147066
Conc: 18.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



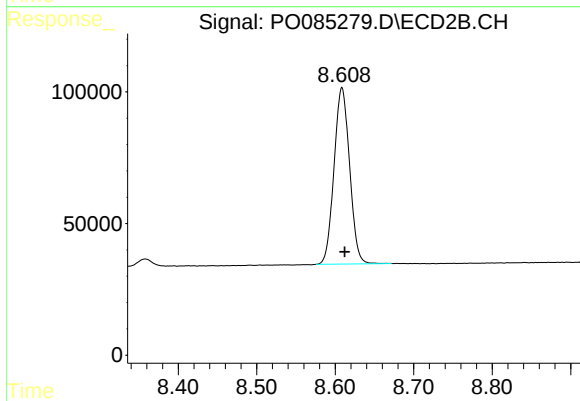
#1 Tetrachloro-m-xylene

R.T.: 3.589 min
Delta R.T.: -0.003 min
Response: 1003869
Conc: 22.00 ng/ml



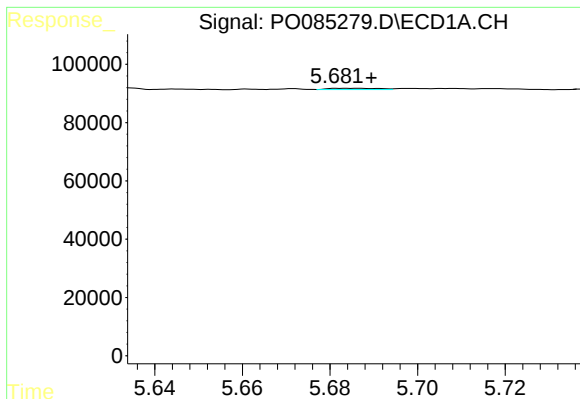
#2 Decachlorobiphenyl

R.T.: 10.402 min
Delta R.T.: -0.016 min
Response: 1417799
Conc: 21.65 ng/ml



#2 Decachlorobiphenyl

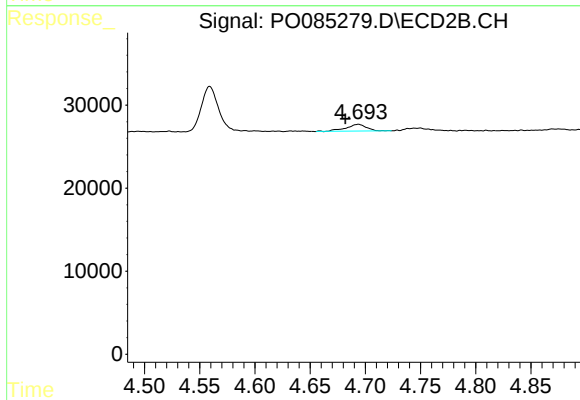
R.T.: 8.609 min
Delta R.T.: -0.004 min
Response: 923907
Conc: 24.27 ng/ml



#3 AR-1016-1

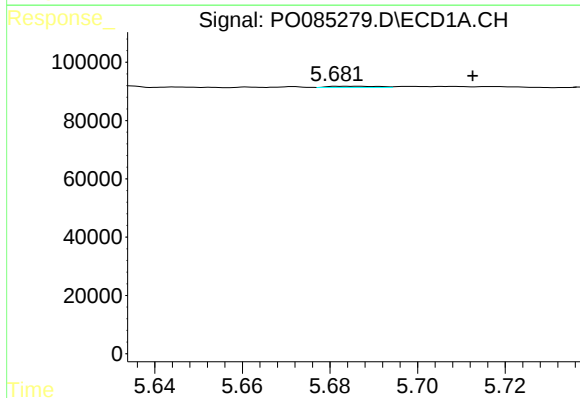
R.T.: 5.682 min
Delta R.T.: -0.008 min
Response: 3368
Conc: 0.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



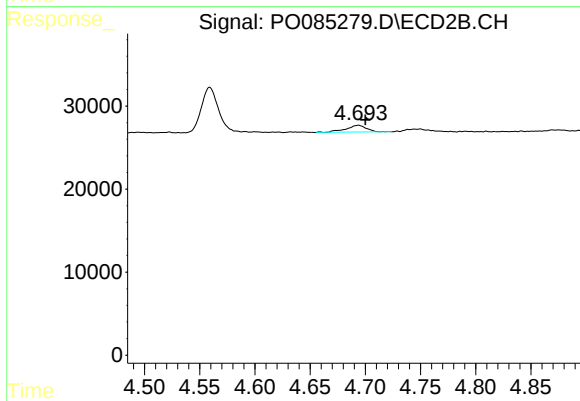
#3 AR-1016-1

R.T.: 4.694 min
Delta R.T.: 0.012 min
Response: 10244
Conc: 6.12 ng/ml



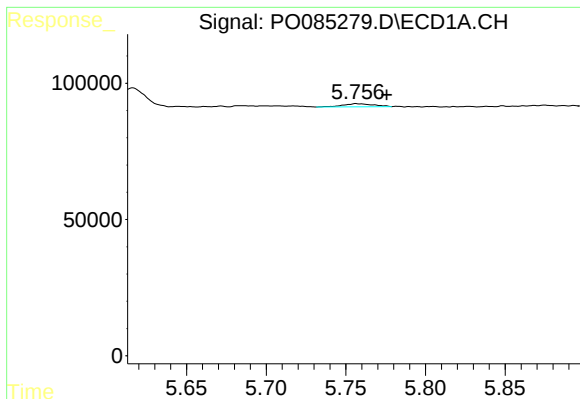
#4 AR-1016-2

R.T.: 5.682 min
Delta R.T.: -0.031 min
Response: 3368
Conc: 0.50 ng/ml



#4 AR-1016-2

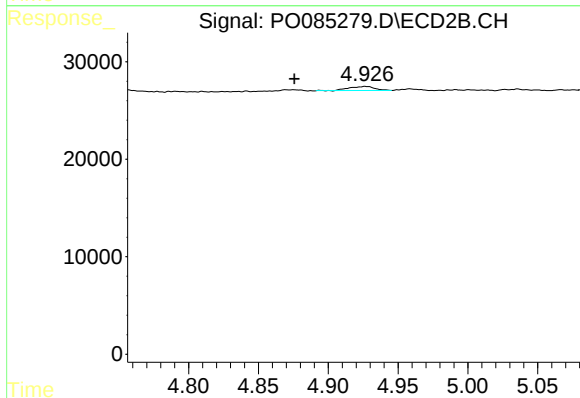
R.T.: 4.694 min
Delta R.T.: -0.006 min
Response: 10244
Conc: 4.23 ng/ml



#5 AR-1016-3

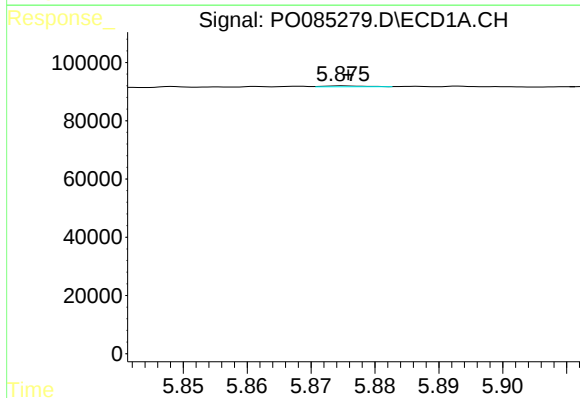
R.T.: 5.756 min
Delta R.T.: -0.019 min
Response: 14605
Conc: 3.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



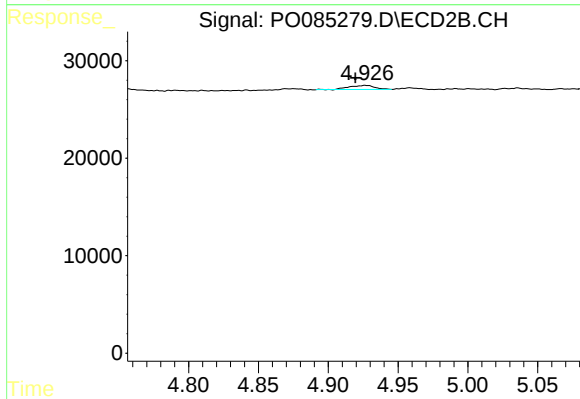
#5 AR-1016-3

R.T.: 4.926 min
Delta R.T.: 0.051 min
Response: 5281
Conc: 3.86 ng/ml



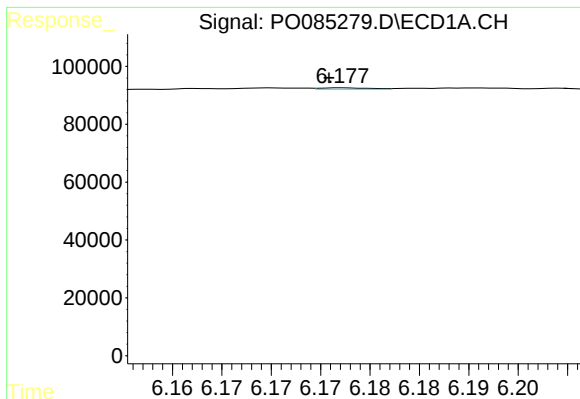
#6 AR-1016-4

R.T.: 5.875 min
Delta R.T.: 0.000 min
Response: 1480
Conc: 0.44 ng/ml



#6 AR-1016-4

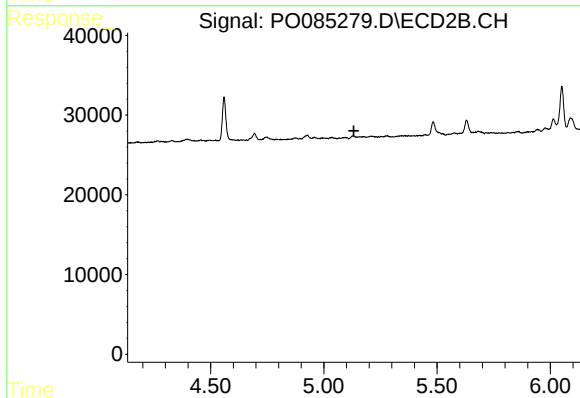
R.T.: 4.926 min
Delta R.T.: 0.007 min
Response: 5281
Conc: 4.60 ng/ml



#7 AR-1016-5

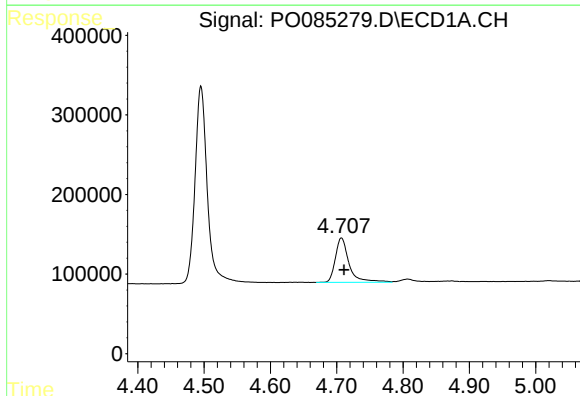
R.T.: 6.177 min
Delta R.T.: 0.002 min
Response: 2019
Conc: 0.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



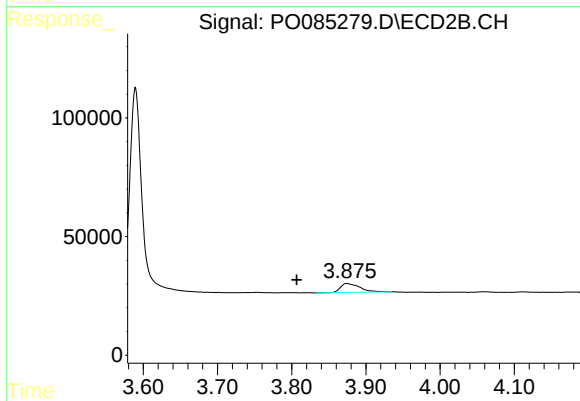
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.132 min
Response: 0
Conc: N.D.



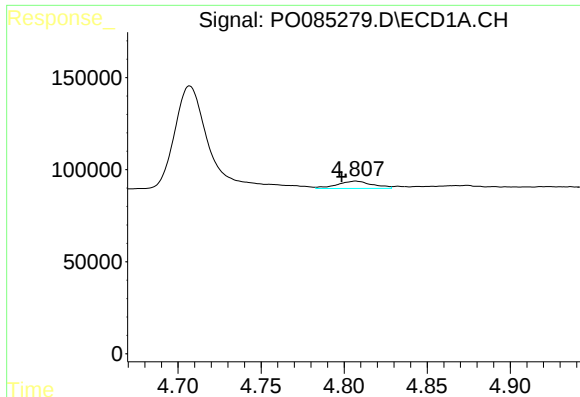
#8 AR-1221-1

R.T.: 4.707 min
Delta R.T.: -0.004 min
Response: 803613
Conc: 434.90 ng/ml



#8 AR-1221-1

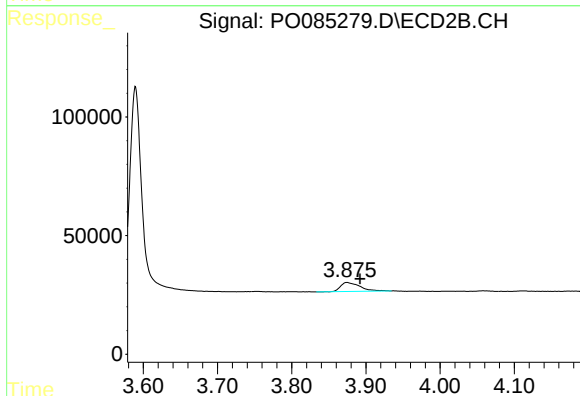
R.T.: 3.875 min
Delta R.T.: 0.068 min
Response: 68670
Conc: 124.57 ng/ml



#9 AR-1221-2

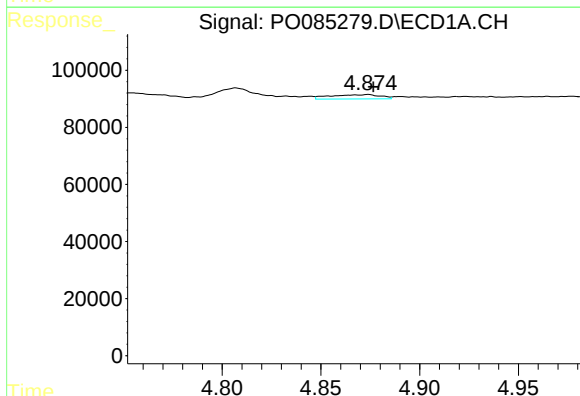
R.T.: 4.807 min
Delta R.T.: 0.008 min
Response: 58634
Conc: 44.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



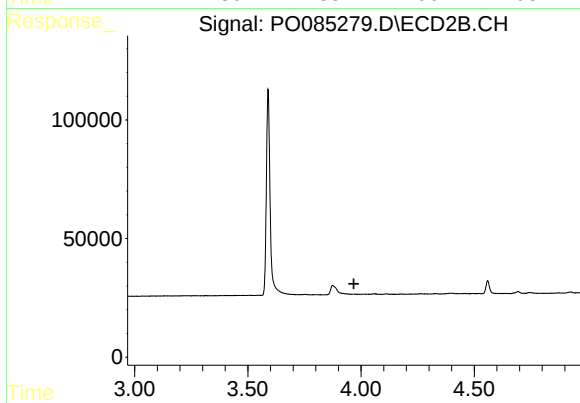
#9 AR-1221-2

R.T.: 3.875 min
Delta R.T.: -0.017 min
Response: 68670
Conc: 161.52 ng/ml



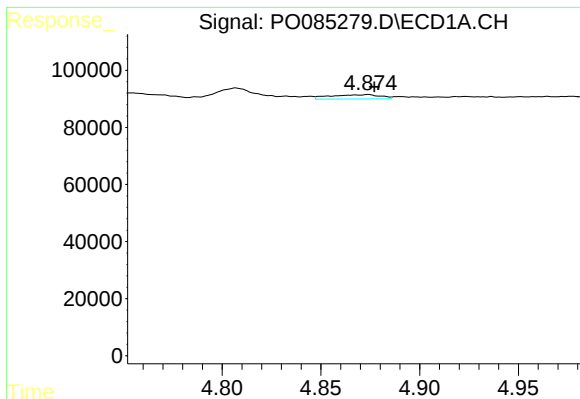
#10 AR-1221-3

R.T.: 4.874 min
Delta R.T.: -0.003 min
Response: 26861
Conc: 6.89 ng/ml



#10 AR-1221-3

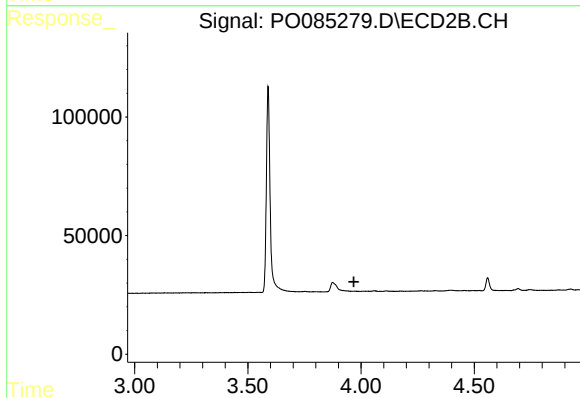
R.T.: 0.000 min
Exp R.T. : 3.968 min
Response: 0
Conc: N.D.



#11 AR-1232-1

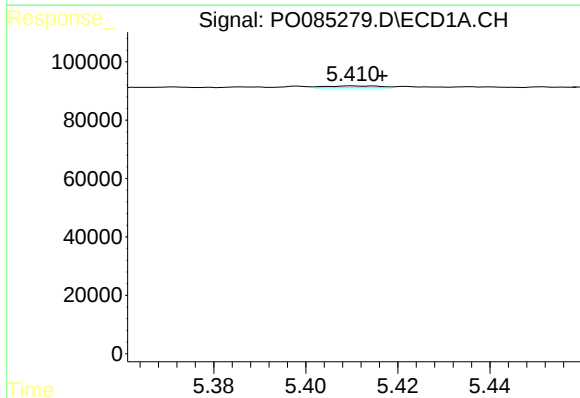
R.T.: 4.874 min
Delta R.T.: -0.003 min
Response: 26861
Conc: 9.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



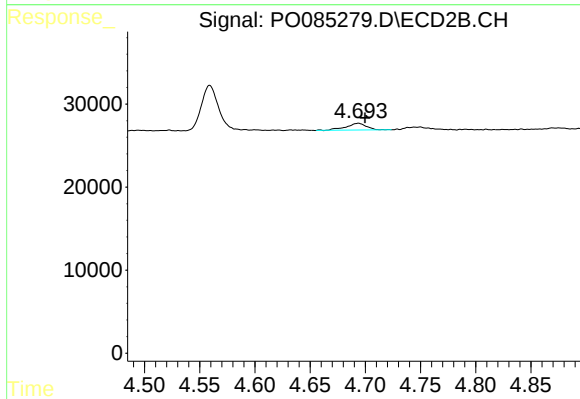
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.969 min
Response: 0
Conc: N.D.



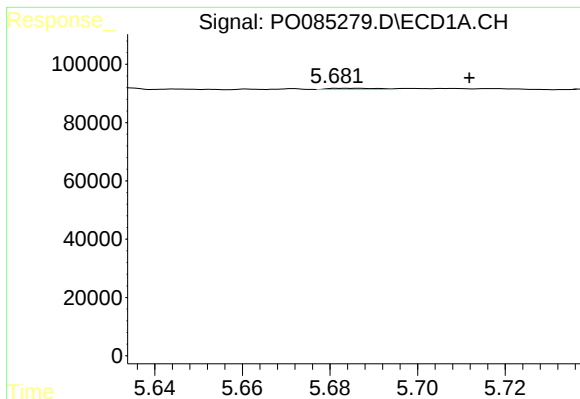
#12 AR-1232-2

R.T.: 5.410 min
Delta R.T.: -0.007 min
Response: 5283
Conc: 3.28 ng/ml



#12 AR-1232-2

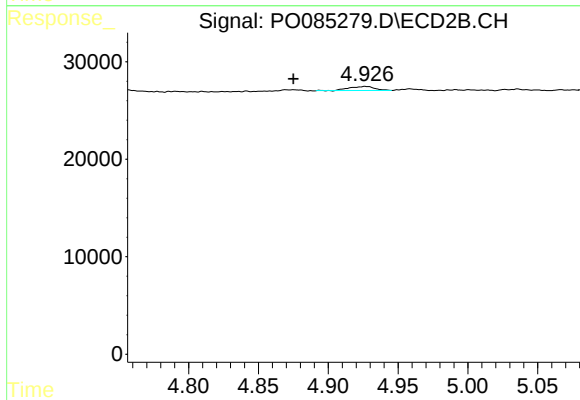
R.T.: 4.694 min
Delta R.T.: -0.006 min
Response: 10244
Conc: 9.79 ng/ml



#13 AR-1232-3

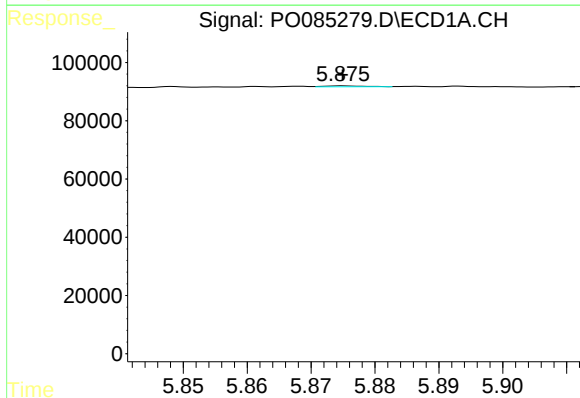
R.T.: 5.682 min
Delta R.T.: -0.030 min
Response: 3368
Conc: 1.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



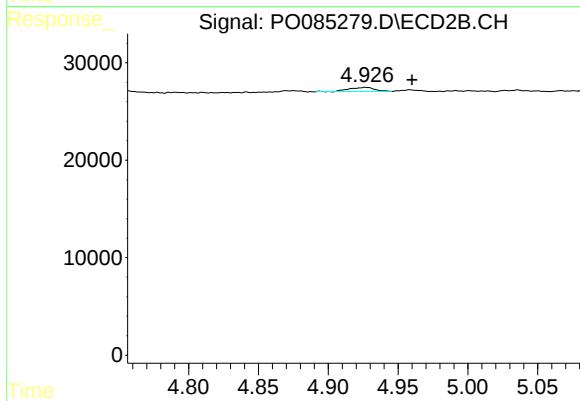
#13 AR-1232-3

R.T.: 4.926 min
Delta R.T.: 0.052 min
Response: 5281
Conc: 9.28 ng/ml



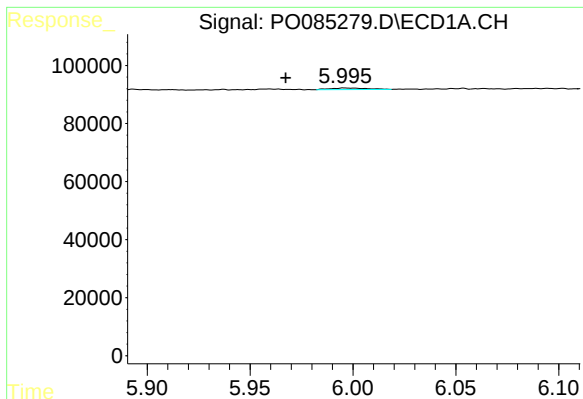
#14 AR-1232-4

R.T.: 5.875 min
Delta R.T.: 0.000 min
Response: 1480
Conc: 1.08 ng/ml



#14 AR-1232-4

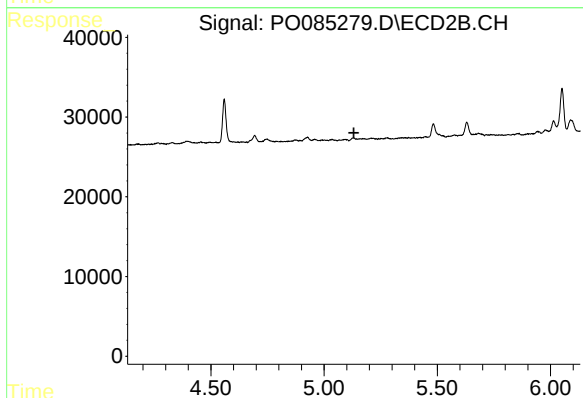
R.T.: 4.926 min
Delta R.T.: -0.034 min
Response: 5281
Conc: 10.00 ng/ml



#15 AR-1232-5

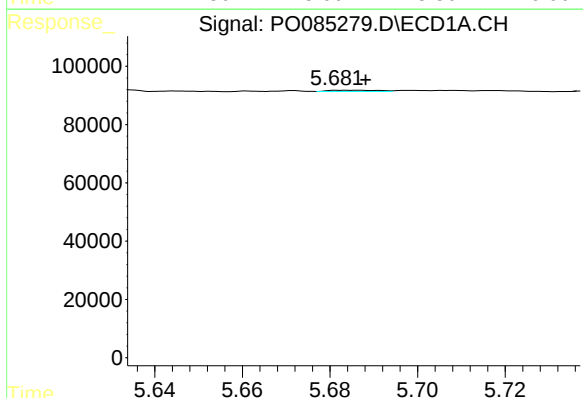
R.T.: 5.996 min
Delta R.T.: 0.028 min
Response: 6873
Conc: 6.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



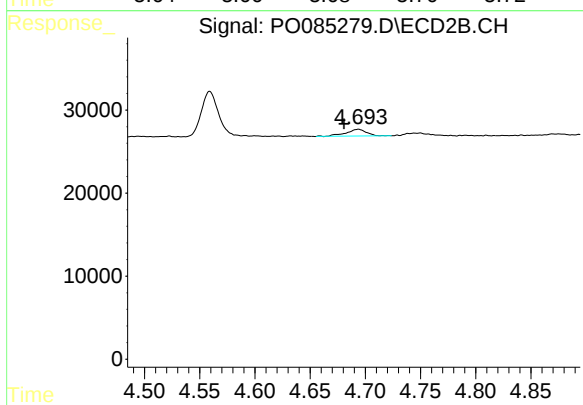
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.132 min
Response: 0
Conc: N.D.



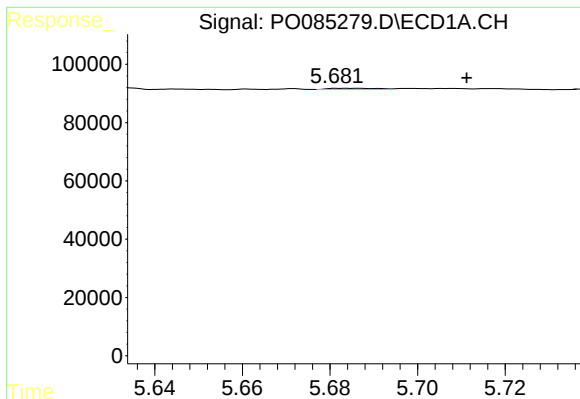
#16 AR-1242-1

R.T.: 5.682 min
Delta R.T.: -0.007 min
Response: 3368
Conc: 0.99 ng/ml



#16 AR-1242-1

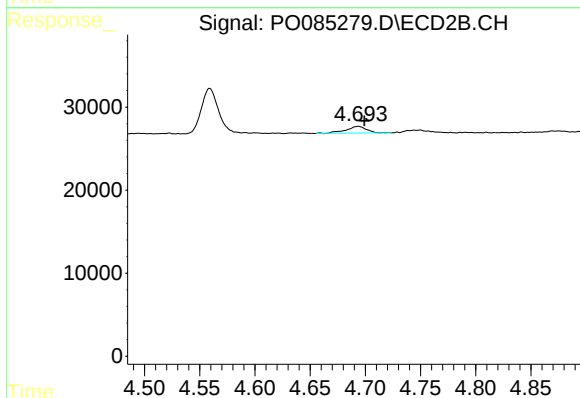
R.T.: 4.694 min
Delta R.T.: 0.013 min
Response: 10244
Conc: 8.18 ng/ml



#17 AR-1242-2

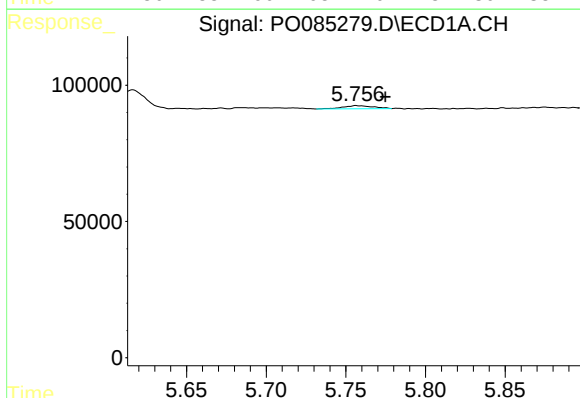
R.T.: 5.682 min
Delta R.T.: -0.030 min
Response: 3368
Conc: 0.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



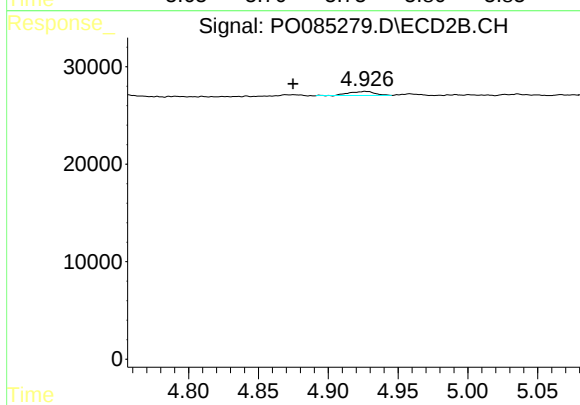
#17 AR-1242-2

R.T.: 4.694 min
Delta R.T.: -0.005 min
Response: 10244
Conc: 5.70 ng/ml



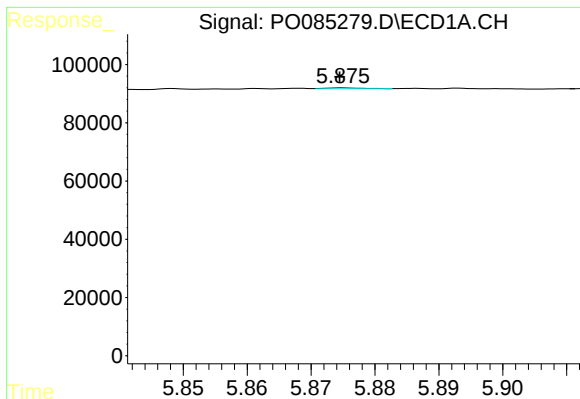
#18 AR-1242-3

R.T.: 5.756 min
Delta R.T.: -0.018 min
Response: 14605
Conc: 4.81 ng/ml



#18 AR-1242-3

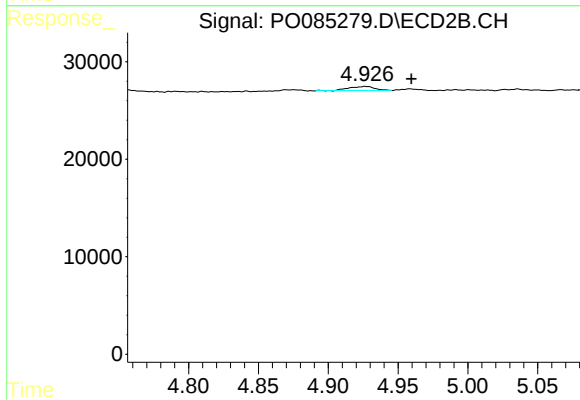
R.T.: 4.926 min
Delta R.T.: 0.052 min
Response: 5281
Conc: 5.35 ng/ml



#19 AR-1242-4

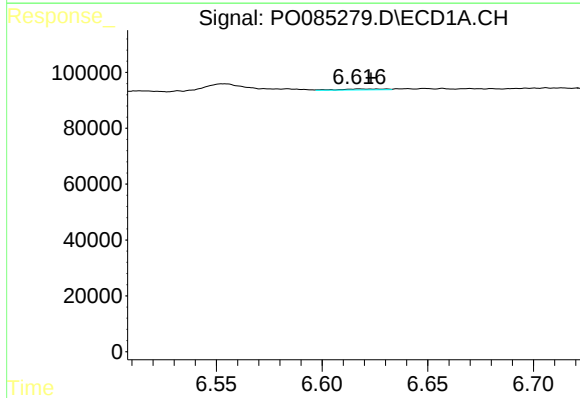
R.T.: 5.875 min
Delta R.T.: 0.000 min
Response: 1480
Conc: 0.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



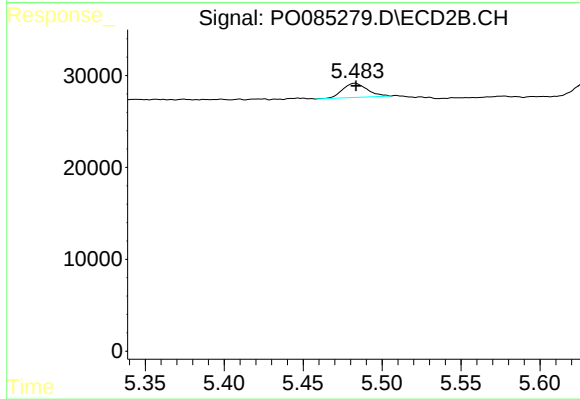
#19 AR-1242-4

R.T.: 4.926 min
Delta R.T.: -0.033 min
Response: 5281
Conc: 5.16 ng/ml



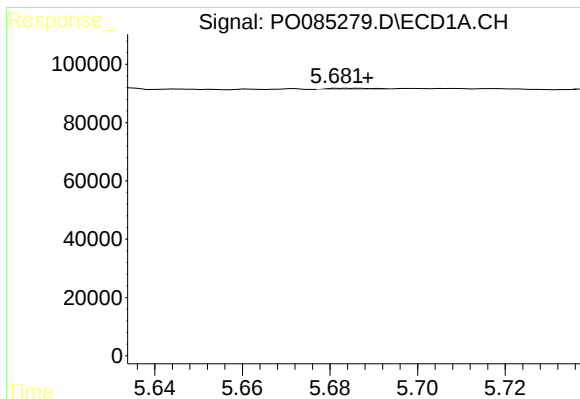
#20 AR-1242-5

R.T.: 6.617 min
Delta R.T.: -0.006 min
Response: 4488
Conc: 2.37 ng/ml



#20 AR-1242-5

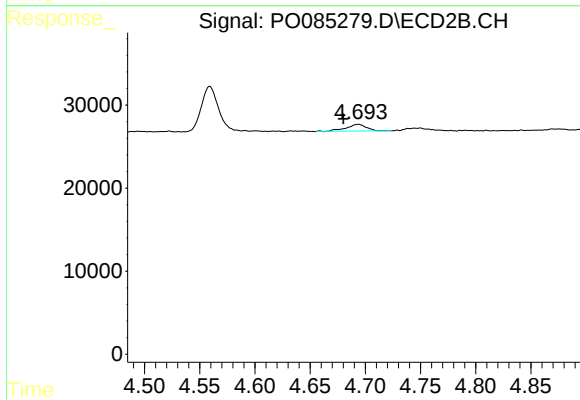
R.T.: 5.483 min
Delta R.T.: 0.000 min
Response: 16757
Conc: 13.05 ng/ml



#21 AR-1248-1

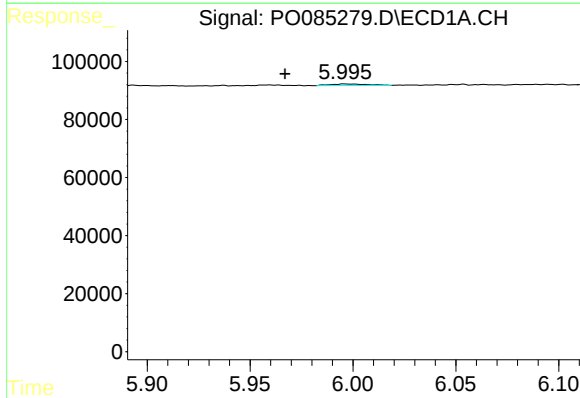
R.T.: 5.682 min
Delta R.T.: -0.007 min
Response: 3368
Conc: 1.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



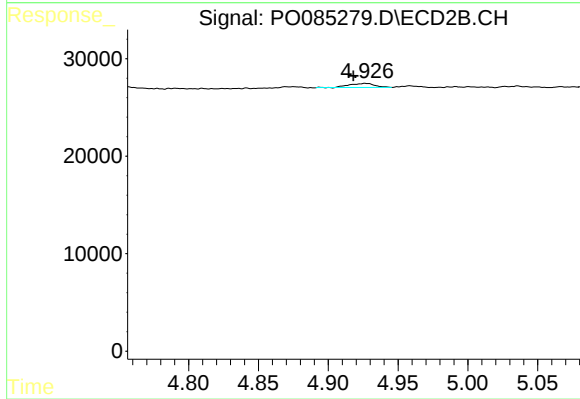
#21 AR-1248-1

R.T.: 4.694 min
Delta R.T.: 0.014 min
Response: 10244
Conc: 10.04 ng/ml



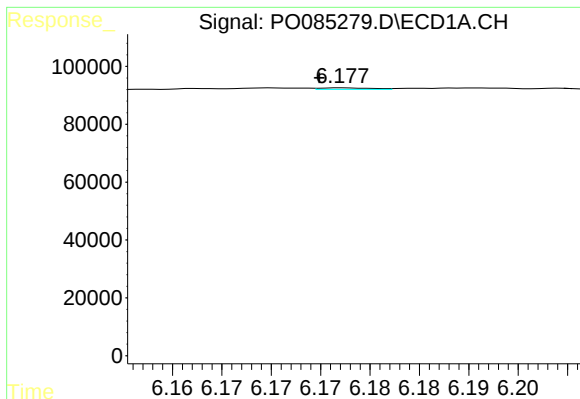
#22 AR-1248-2

R.T.: 5.996 min
Delta R.T.: 0.029 min
Response: 6873
Conc: 2.07 ng/ml



#22 AR-1248-2

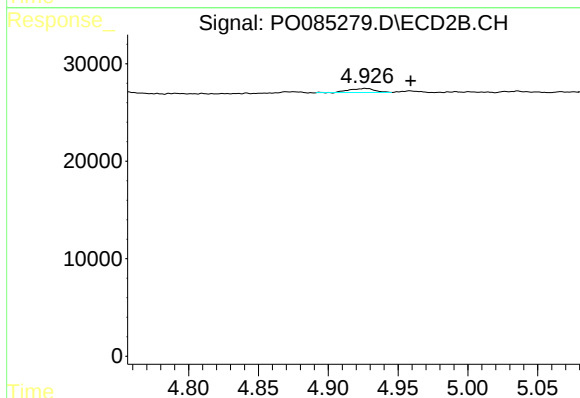
R.T.: 4.926 min
Delta R.T.: 0.008 min
Response: 5281
Conc: 3.65 ng/ml



#23 AR-1248-3

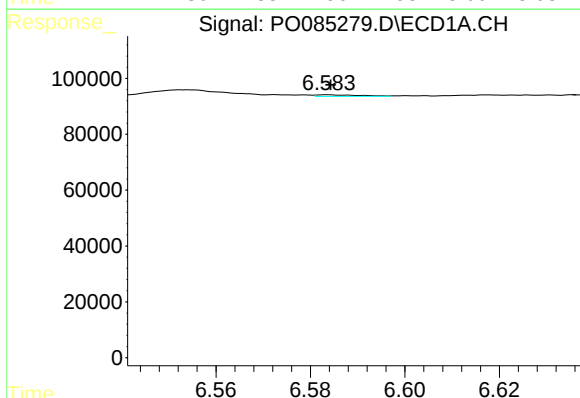
R.T.: 6.177 min
Delta R.T.: 0.002 min
Response: 2019
Conc: 0.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



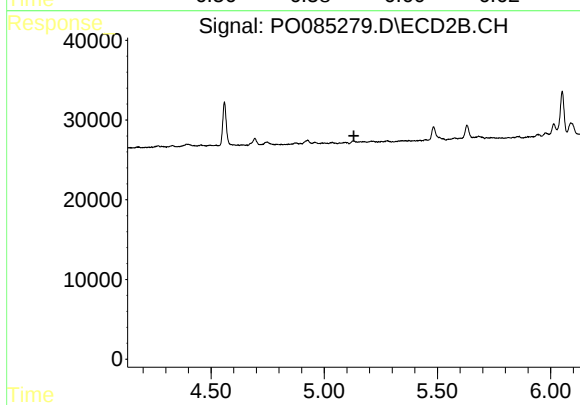
#23 AR-1248-3

R.T.: 4.926 min
Delta R.T.: -0.033 min
Response: 5281
Conc: 3.57 ng/ml



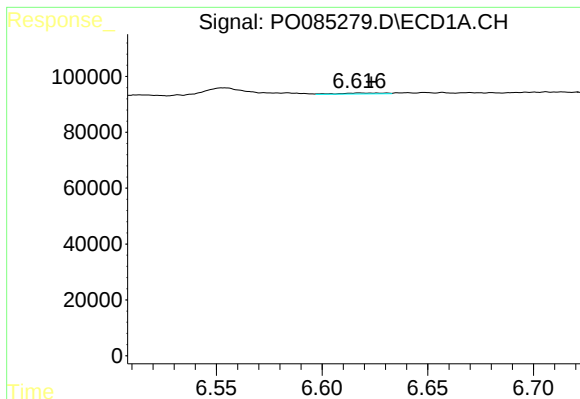
#24 AR-1248-4

R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 3660
Conc: 1.10 ng/ml



#24 AR-1248-4

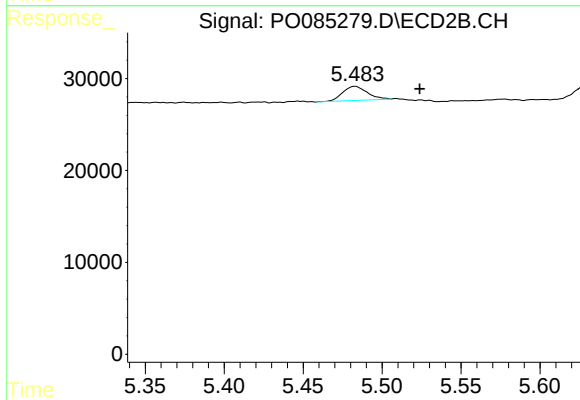
R.T.: 0.000 min
Exp R.T. : 5.131 min
Response: 0
Conc: N.D.



#25 AR-1248-5

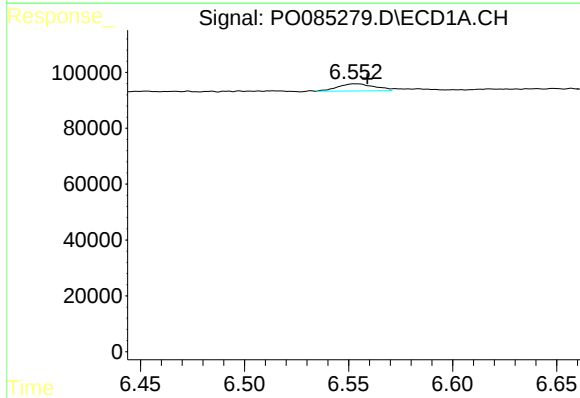
R.T.: 6.617 min
Delta R.T.: -0.006 min
Response: 4488
Conc: 1.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



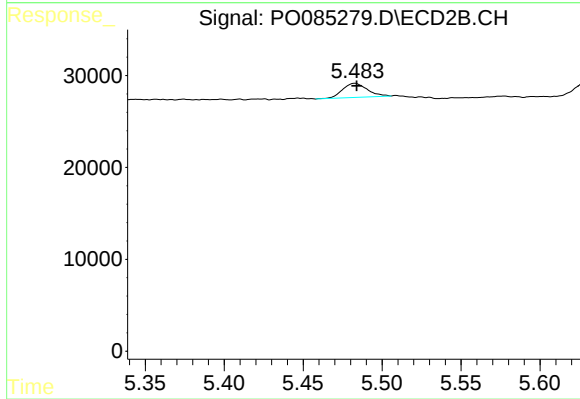
#25 AR-1248-5

R.T.: 5.483 min
Delta R.T.: -0.041 min
Response: 16757
Conc: 10.24 ng/ml



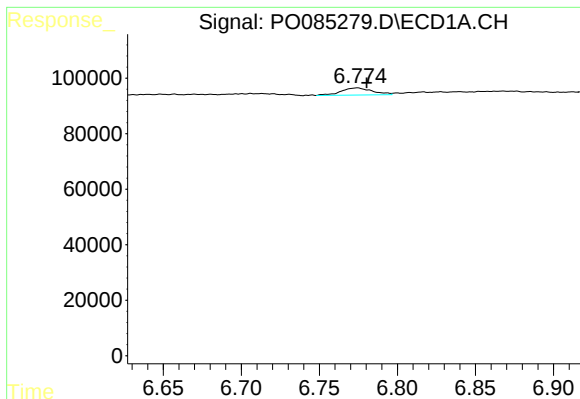
#26 AR-1254-1

R.T.: 6.553 min
Delta R.T.: -0.006 min
Response: 31787
Conc: 9.30 ng/ml



#26 AR-1254-1

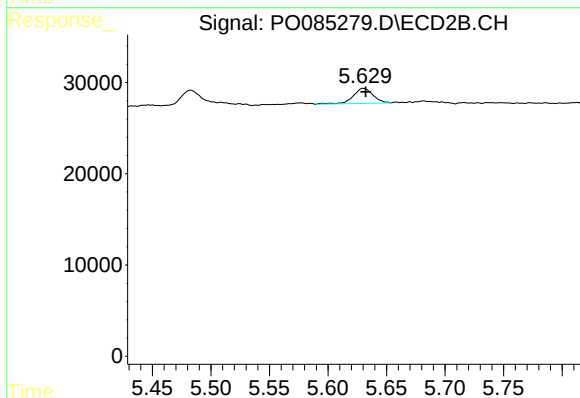
R.T.: 5.483 min
Delta R.T.: 0.000 min
Response: 16757
Conc: 6.57 ng/ml



#27 AR-1254-2

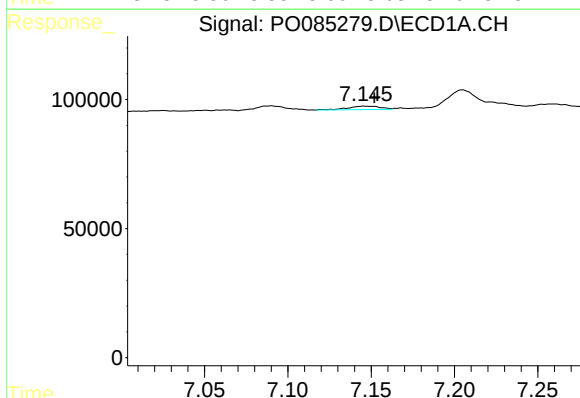
R.T.: 6.774 min
Delta R.T.: -0.006 min
Response: 36247
Conc: 7.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



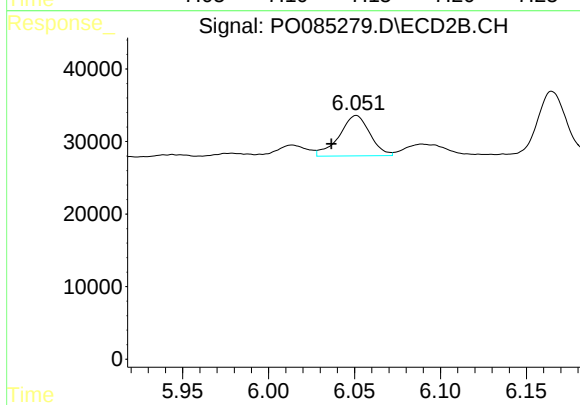
#27 AR-1254-2

R.T.: 5.630 min
Delta R.T.: -0.002 min
Response: 19634
Conc: 8.41 ng/ml



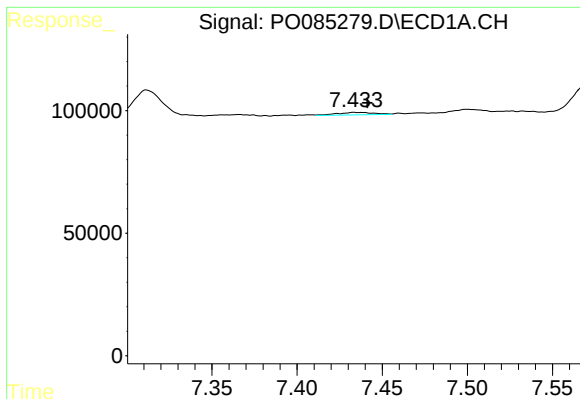
#28 AR-1254-3

R.T.: 7.146 min
Delta R.T.: -0.006 min
Response: 18087
Conc: 3.59 ng/ml



#28 AR-1254-3

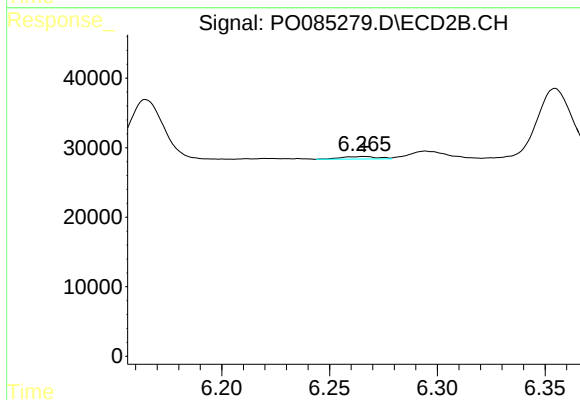
R.T.: 6.051 min
Delta R.T.: 0.015 min
Response: 69318
Conc: 19.18 ng/ml



#29 AR-1254-4

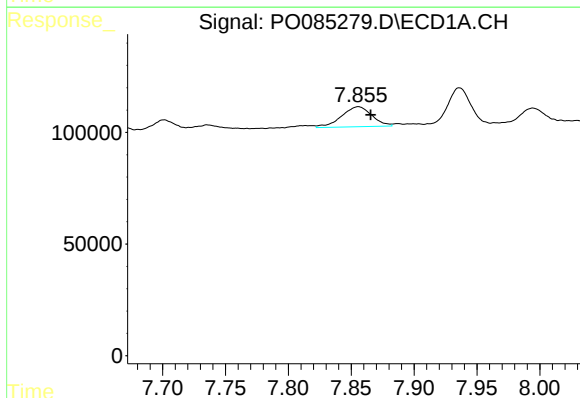
R.T.: 7.433 min
Delta R.T.: -0.008 min
Response: 16146
Conc: 4.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



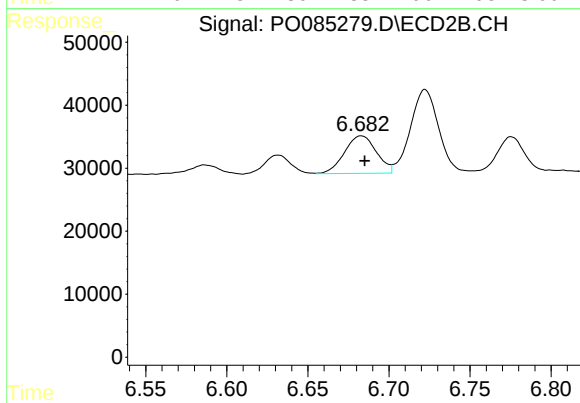
#29 AR-1254-4

R.T.: 6.266 min
Delta R.T.: 0.000 min
Response: 4196
Conc: 1.88 ng/ml



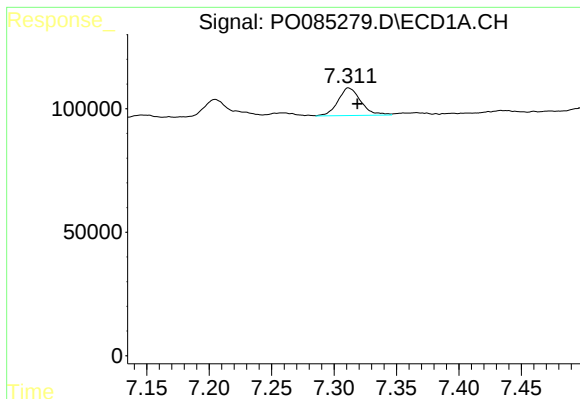
#30 AR-1254-5

R.T.: 7.856 min
Delta R.T.: -0.010 min
Response: 150309
Conc: 38.40 ng/ml



#30 AR-1254-5

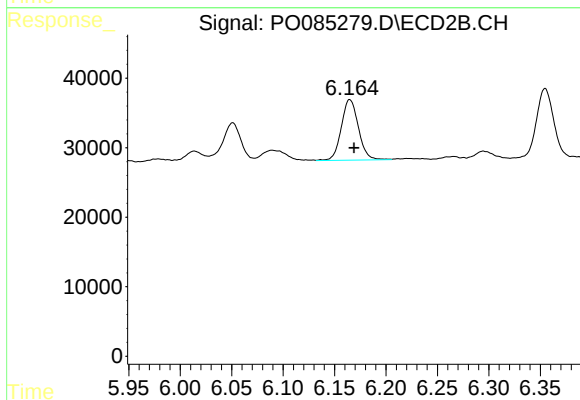
R.T.: 6.683 min
Delta R.T.: -0.002 min
Response: 81609
Conc: 24.29 ng/ml



#31 AR-1260-1

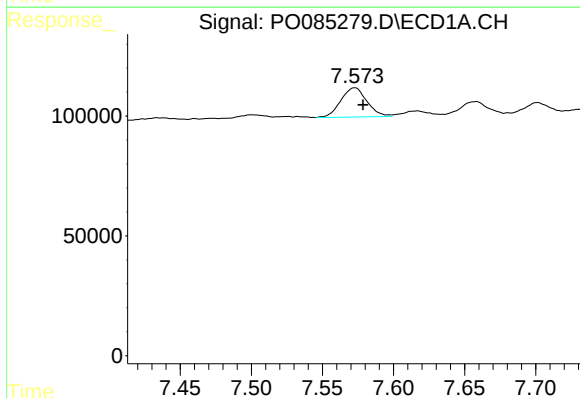
R.T.: 7.311 min
Delta R.T.: -0.007 min
Response: 142361
Conc: 35.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



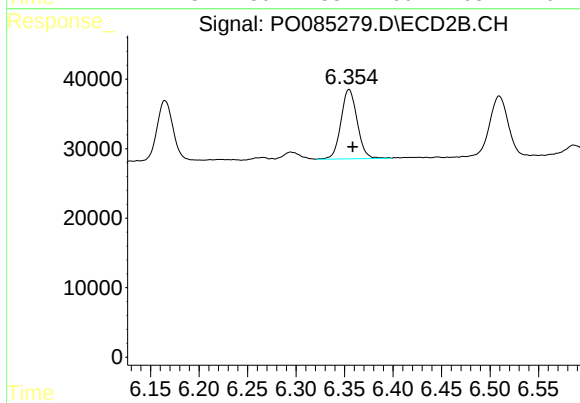
#31 AR-1260-1

R.T.: 6.165 min
Delta R.T.: -0.004 min
Response: 101235
Conc: 38.56 ng/ml



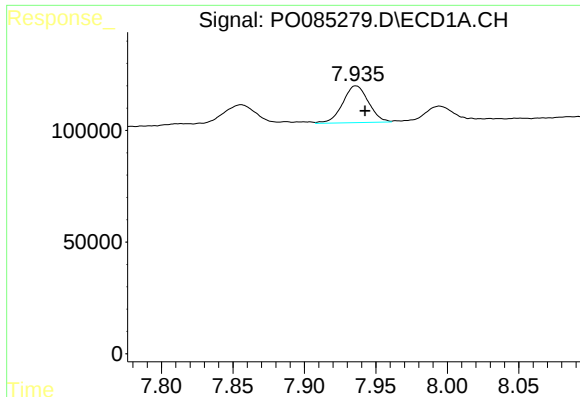
#32 AR-1260-2

R.T.: 7.573 min
Delta R.T.: -0.006 min
Response: 155657
Conc: 32.47 ng/ml



#32 AR-1260-2

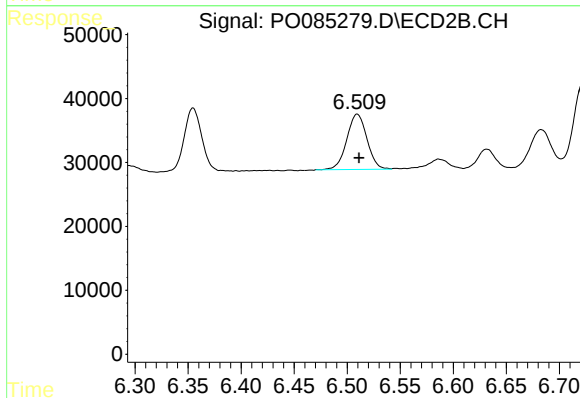
R.T.: 6.355 min
Delta R.T.: -0.004 min
Response: 115937
Conc: 37.08 ng/ml



#33 AR-1260-3

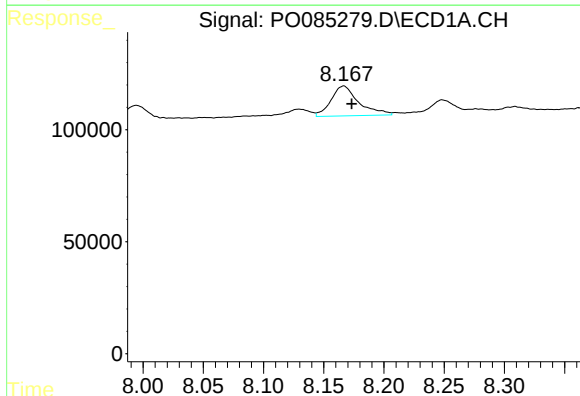
R.T.: 7.936 min
Delta R.T.: -0.006 min
Response: 206713
Conc: 63.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



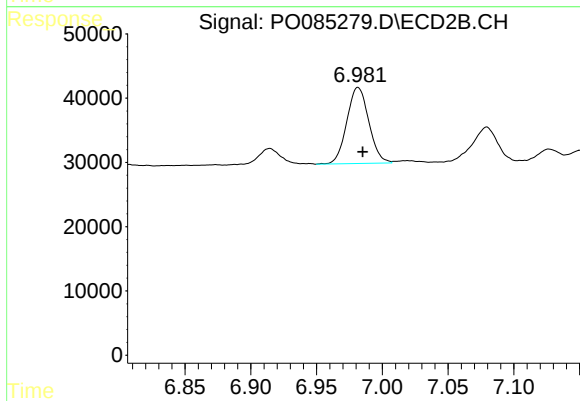
#33 AR-1260-3

R.T.: 6.509 min
Delta R.T.: -0.002 min
Response: 114264
Conc: 36.89 ng/ml



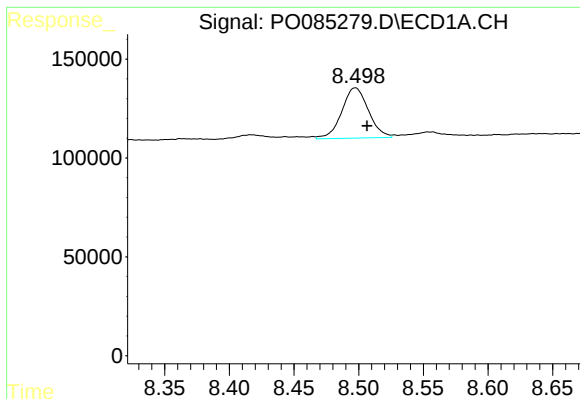
#34 AR-1260-4

R.T.: 8.167 min
Delta R.T.: -0.006 min
Response: 214387
Conc: 56.09 ng/ml



#34 AR-1260-4

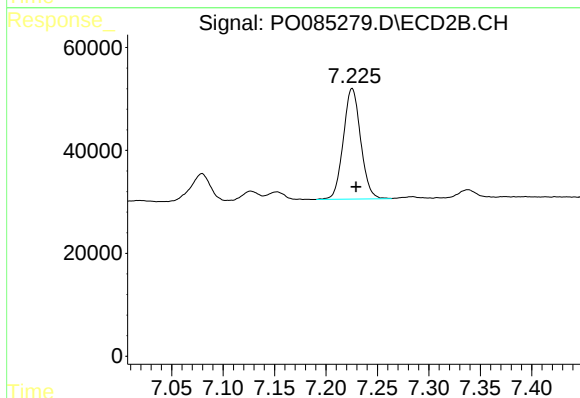
R.T.: 6.982 min
Delta R.T.: -0.004 min
Response: 137536
Conc: 62.43 ng/ml



#35 AR-1260-5

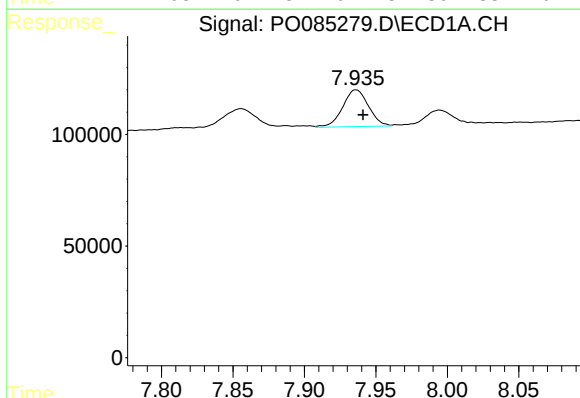
R.T.: 8.498 min
Delta R.T.: -0.009 min
Response: 365091
Conc: 53.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



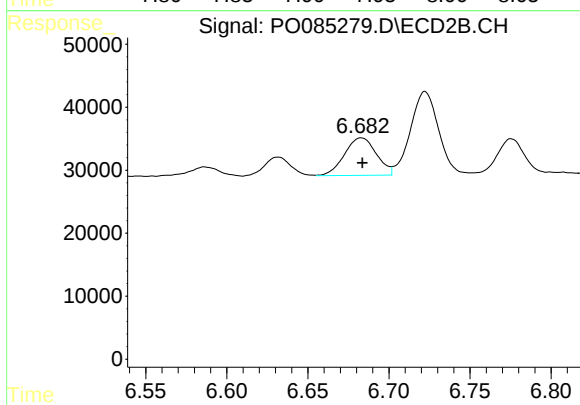
#35 AR-1260-5

R.T.: 7.225 min
Delta R.T.: -0.004 min
Response: 252616
Conc: 50.74 ng/ml



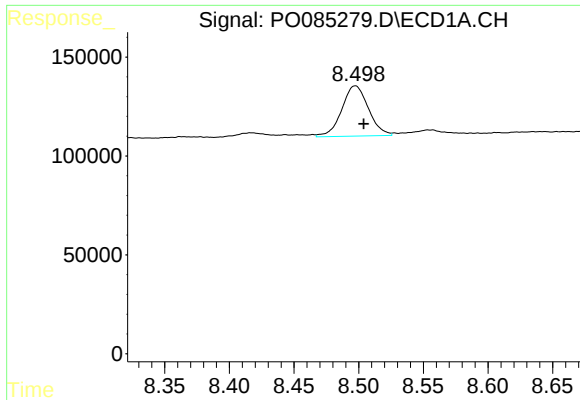
#36 AR-1262-1

R.T.: 7.936 min
Delta R.T.: -0.005 min
Response: 206713
Conc: 45.37 ng/ml



#36 AR-1262-1

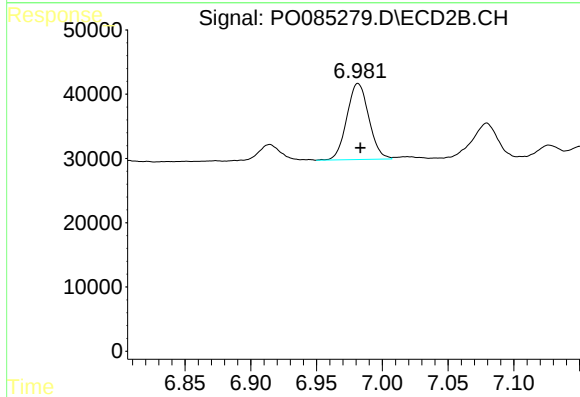
R.T.: 6.683 min
Delta R.T.: 0.000 min
Response: 81609
Conc: 47.51 ng/ml



#37 AR-1262-2

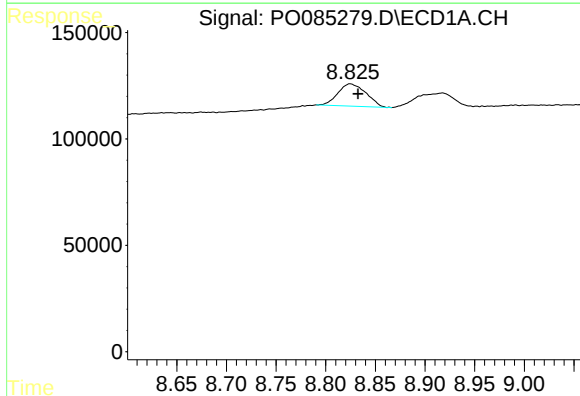
R.T.: 8.498 min
Delta R.T.: -0.006 min
Response: 365091
Conc: 44.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



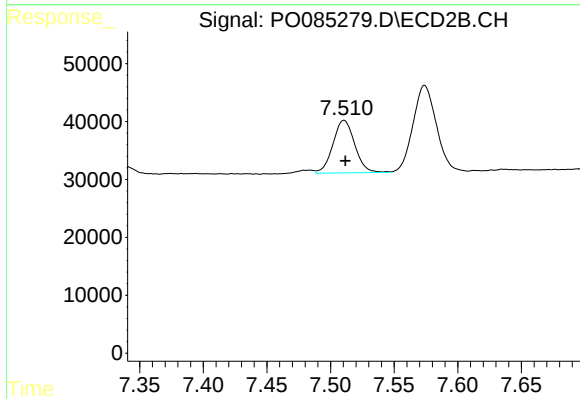
#37 AR-1262-2

R.T.: 6.982 min
Delta R.T.: -0.002 min
Response: 137536
Conc: 47.76 ng/ml



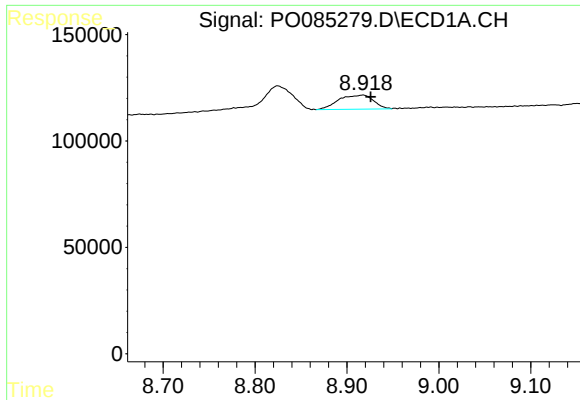
#38 AR-1262-3

R.T.: 8.825 min
Delta R.T.: -0.008 min
Response: 205607
Conc: 38.44 ng/ml



#38 AR-1262-3

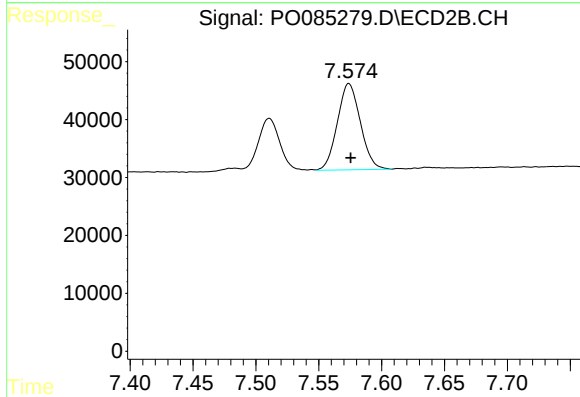
R.T.: 7.511 min
Delta R.T.: -0.001 min
Response: 108246
Conc: 47.90 ng/ml



#39 AR-1262-4

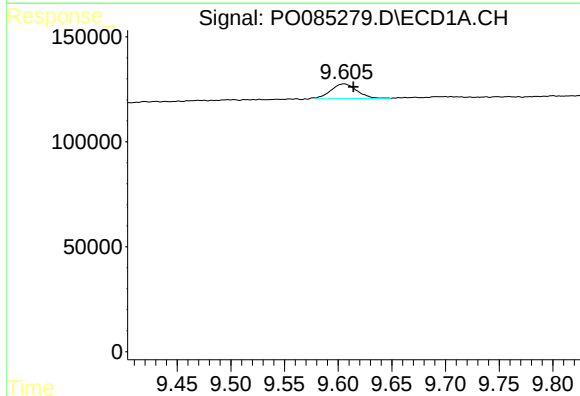
R.T.: 8.918 min
Delta R.T.: -0.008 min
Response: 174222
Conc: 70.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



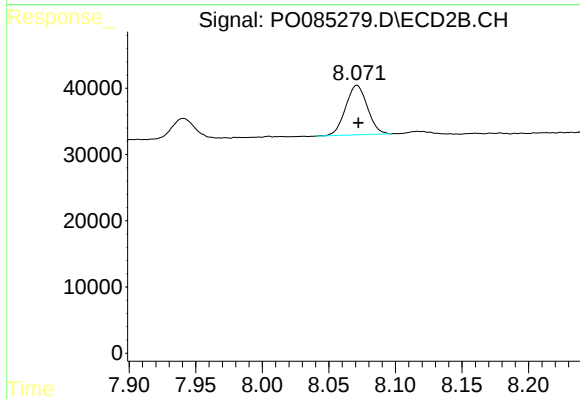
#39 AR-1262-4

R.T.: 7.574 min
Delta R.T.: -0.001 min
Response: 189440
Conc: 46.05 ng/ml



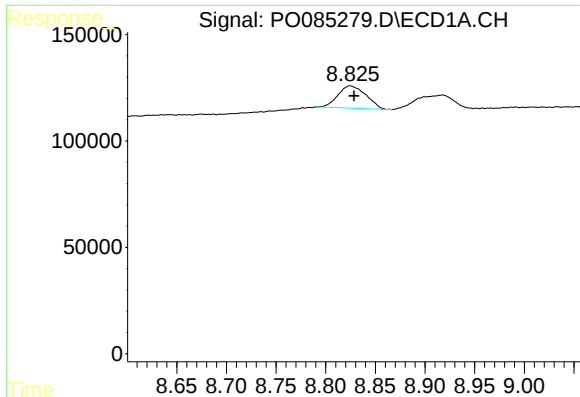
#40 AR-1262-5

R.T.: 9.606 min
Delta R.T.: -0.009 min
Response: 118007
Conc: 42.65 ng/ml



#40 AR-1262-5

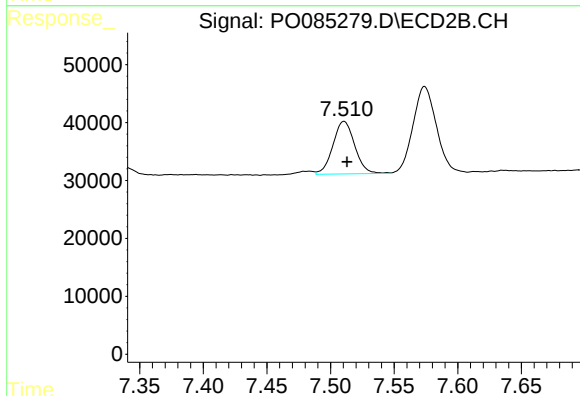
R.T.: 8.071 min
Delta R.T.: -0.001 min
Response: 85126
Conc: 45.71 ng/ml



#41 AR-1268-1

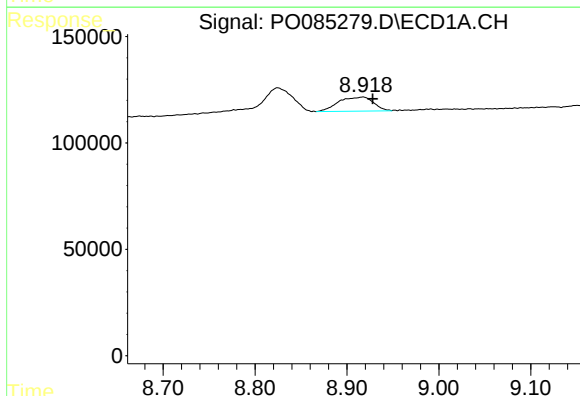
R.T.: 8.825 min
Delta R.T.: -0.004 min
Response: 205607
Conc: 21.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



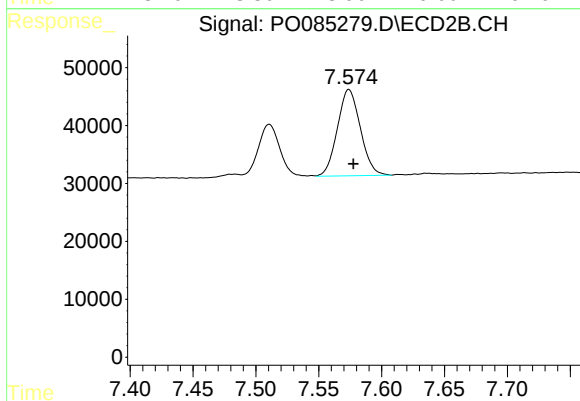
#41 AR-1268-1

R.T.: 7.511 min
Delta R.T.: -0.002 min
Response: 108246
Conc: 16.50 ng/ml



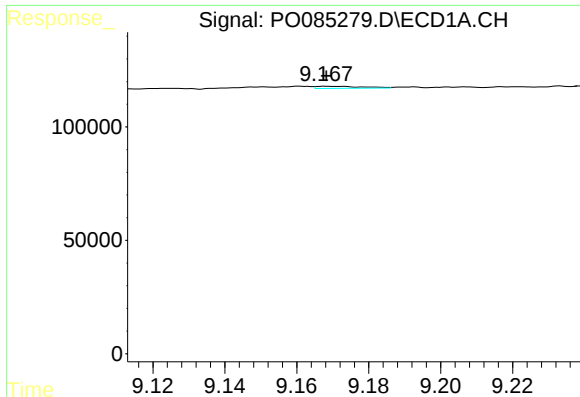
#42 AR-1268-2

R.T.: 8.918 min
Delta R.T.: -0.010 min
Response: 174222
Conc: 20.53 ng/ml



#42 AR-1268-2

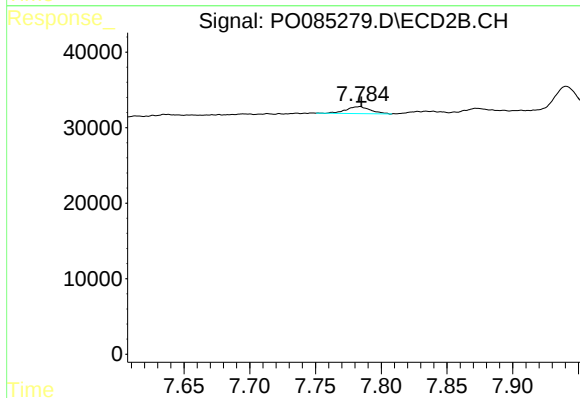
R.T.: 7.574 min
Delta R.T.: -0.004 min
Response: 189440
Conc: 32.39 ng/ml



#43 AR-1268-3

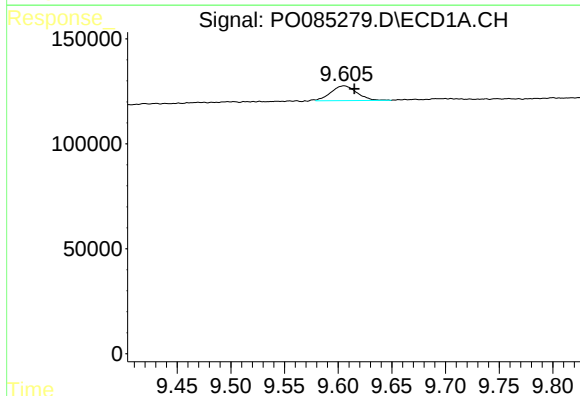
R.T.: 9.168 min
Delta R.T.: 0.000 min
Response: 8563
Conc: 1.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



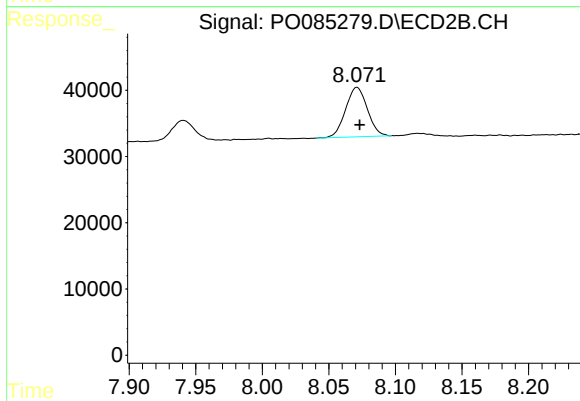
#43 AR-1268-3

R.T.: 7.784 min
Delta R.T.: -0.001 min
Response: 12052
Conc: 2.43 ng/ml



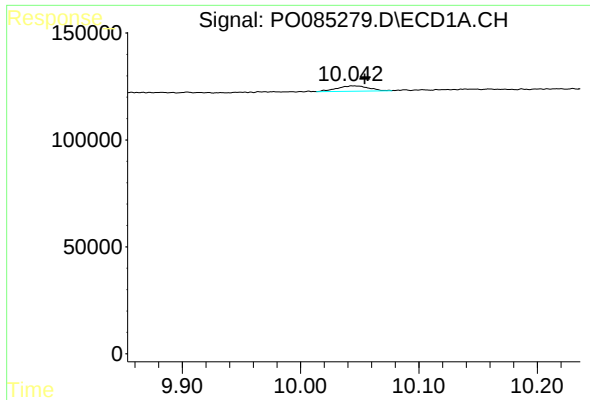
#44 AR-1268-4

R.T.: 9.606 min
Delta R.T.: -0.010 min
Response: 118007
Conc: 38.55 ng/ml



#44 AR-1268-4

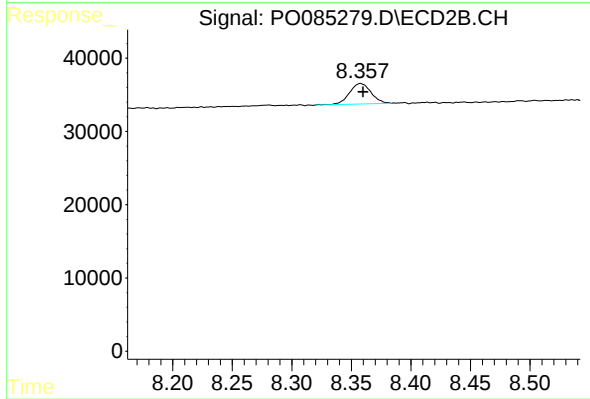
R.T.: 8.071 min
Delta R.T.: -0.002 min
Response: 85126
Conc: 40.11 ng/ml



#45 AR-1268-5

R.T.: 10.043 min
Delta R.T.: -0.011 min
Response: 48035
Conc: 2.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.358 min
Delta R.T.: -0.002 min
Response: 35053
Conc: 2.44 ng/ml