

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0060322\
 Data File : P0086884.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 03 Jun 2022 6:52
 Operator : YP\AJ
 Sample : N2986-14
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 07:50:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0060122.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 01 17:55:39 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...	4.516	3.665	1452504	756228	25.397	23.658
2)	SA Decachlor...	10.391	8.694	951084	383235	20.836	17.091
Target Compounds							
3)	L1 AR-1016-1	5.633f	0.000	24163	0	12.169	N.D. #
5)	L1 AR-1016-3	5.842f	4.997f	4979	3446	2.848	4.675 #
6)	L1 AR-1016-4	5.847f	4.997	5429	3446	3.887	5.900 #
7)	L1 AR-1016-5	6.180	5.205	5923	4314	4.310	5.925 #
8)	L2 AR-1221-1	4.726	0.000	79422	0	119.551	N.D. #
9)	L2 AR-1221-2	4.828	3.967	18696	12890	35.676	45.498 #
10)	L2 AR-1221-3	4.828f	0.000	18696	0	11.589	N.D. #
11)	L3 AR-1232-1	4.828f	0.000	18696	0	12.243	N.D. #
12)	L3 AR-1232-2	5.257	0.000	2892	0	4.115	N.D. #
13)	L3 AR-1232-3	0.000	4.997f	0	3446	N.D.	9.997 #
14)	L3 AR-1232-4	5.847f	4.997f	5429	3446	8.312	11.369 #
15)	L3 AR-1232-5	5.976	5.205	2476	4314	4.726	13.056 #
16)	L4 AR-1242-1	5.633f	0.000	24163	0	15.116	N.D. #
18)	L4 AR-1242-3	5.842f	4.997f	4979	3446	3.506	5.837 #
19)	L4 AR-1242-4	5.847f	4.997f	5429	3446	4.790	6.022 #
20)	L4 AR-1242-5	6.630	5.563	3088	9588	2.626	14.276 #
21)	L5 AR-1248-1	5.633f	0.000	24163	0	19.814	N.D. #
22)	L5 AR-1248-2	5.976	4.997	2476	3446	1.416	4.280 #
23)	L5 AR-1248-3	6.180	4.997f	5923	3446	3.065	4.107 #
24)	L5 AR-1248-4	6.589	5.205	2804	4314	1.306	4.434 #
25)	L5 AR-1248-5	6.630	5.563f	3088	9588	1.507	10.314 #
26)	L6 AR-1254-1	6.567	5.563	21273	9588	9.574	6.667 #
27)	L6 AR-1254-2	6.787	5.711	29063	9790	8.483	7.901
28)	L6 AR-1254-3	7.155	6.116	34994	29013	10.016	14.443 #
29)	L6 AR-1254-4	7.441	6.344	34283	11048	13.365	8.952 #
30)	L6 AR-1254-5	7.862	6.761	541394	246176	195.737	142.124 #
31)	L7 AR-1260-1	7.320	6.245	59972	32777	24.165	25.311
32)	L7 AR-1260-2	7.578	6.434	277073	126872	81.728	82.140
33)	L7 AR-1260-3	7.939	6.589	345857	40590	160.062	23.356 #
34)	L7 AR-1260-4	8.168	7.061	355138	90676	138.205	79.667 #
35)	L7 AR-1260-5	8.499	7.301	779128	412405	163.962	155.284
36)	L8 AR-1262-1	7.939	6.801	345857	174906	104.133	101.151
37)	L8 AR-1262-2	8.499	7.301	779128	412405	136.172	137.330
38)	L8 AR-1262-3	8.835	7.586	678431	128233	172.296	106.959 #
39)	L8 AR-1262-4	8.917	7.648	168611	345293	56.300	157.980 #
40)	L8 AR-1262-5	9.598	8.143	306657	120524	148.304	119.496
41)	L9 AR-1268-1	8.835	7.586	678431	128233	96.587	37.420 #
42)	L9 AR-1268-2	8.917	7.648	168611	345293	26.334	110.104 #
43)	L9 AR-1268-3	9.160	7.864	8945	5369	1.645	2.029

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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
44) L9	AR-1268-4	9.598	8.143	306657	120524	129.859	105.508
45) L9	AR-1268-5	10.035	8.437	82212	33690	4.569	3.858

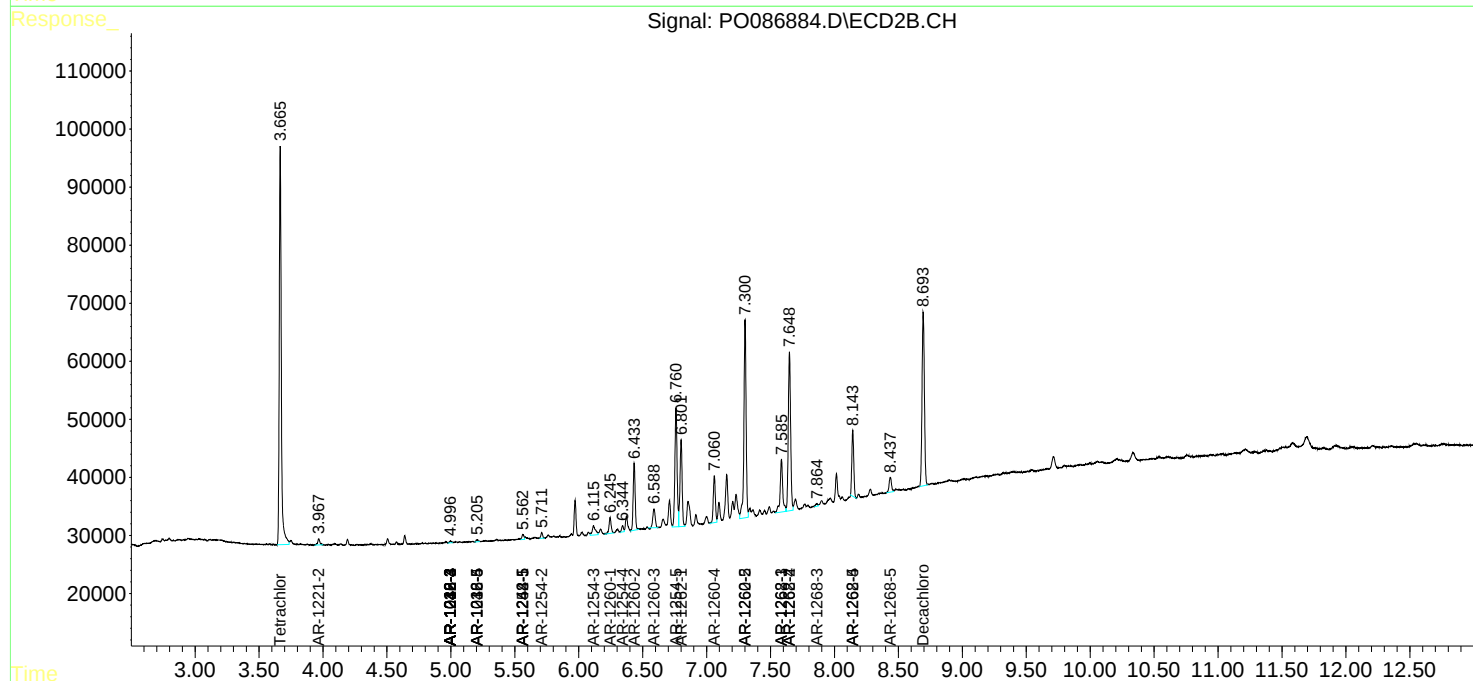
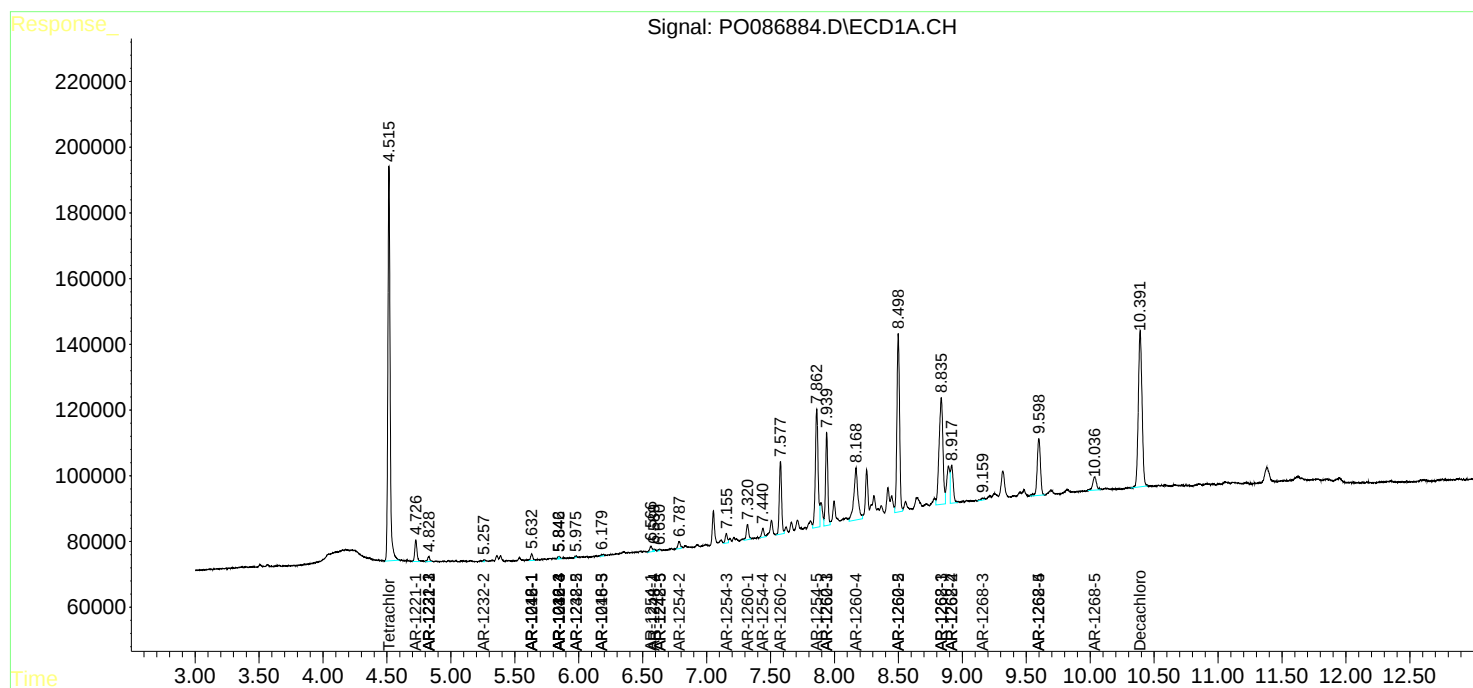
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

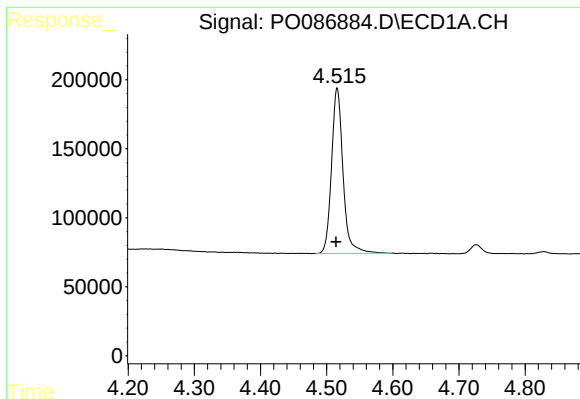
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Volume Inj. : 2 µl
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

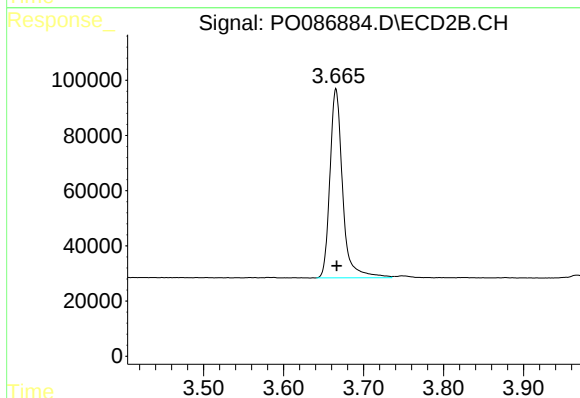




#1 Tetrachloro-m-xylene

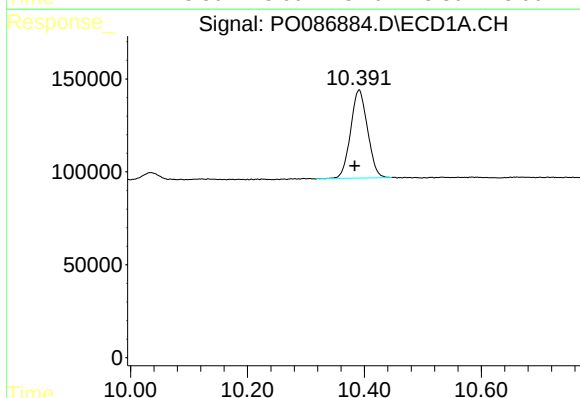
R.T.: 4.516 min
Delta R.T.: 0.002 min
Response: 1452504
Conc: 25.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



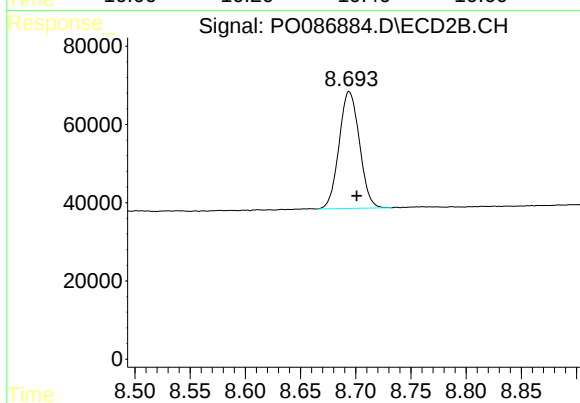
#1 Tetrachloro-m-xylene

R.T.: 3.665 min
Delta R.T.: 0.000 min
Response: 756228
Conc: 23.66 ng/ml



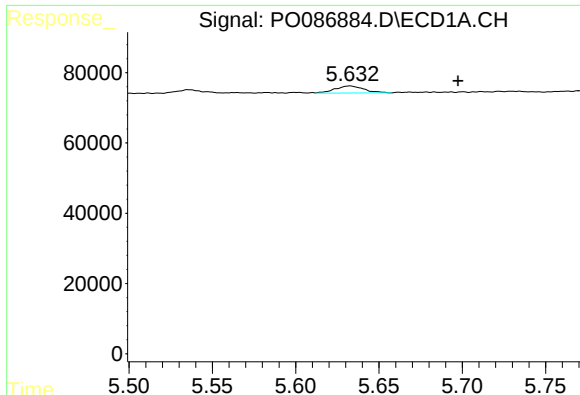
#2 Decachlorobiphenyl

R.T.: 10.391 min
Delta R.T.: 0.008 min
Response: 951084
Conc: 20.84 ng/ml



#2 Decachlorobiphenyl

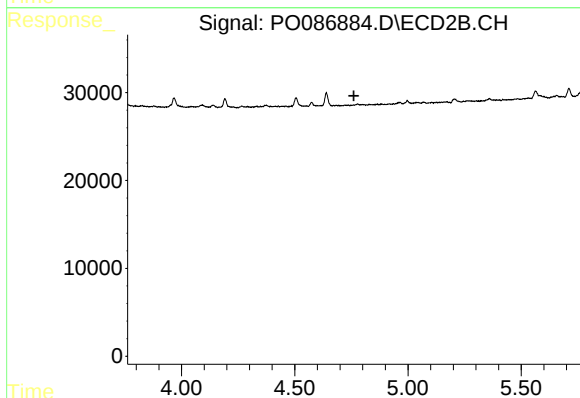
R.T.: 8.694 min
Delta R.T.: -0.007 min
Response: 383235
Conc: 17.09 ng/ml



#3 AR-1016-1

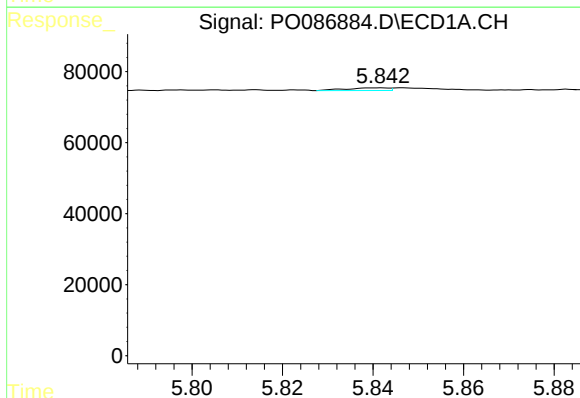
R.T.: 5.633 min
Delta R.T.: -0.065 min
Response: 24163
Conc: 12.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



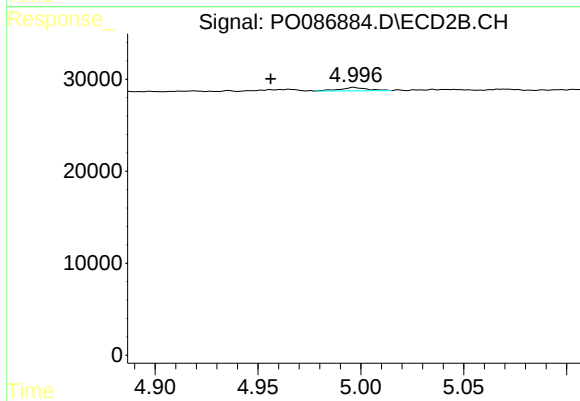
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.761 min
Response: 0
Conc: N.D.



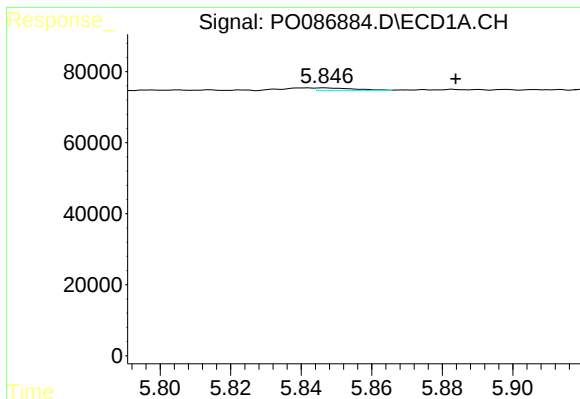
#5 AR-1016-3

R.T.: 5.842 min
Delta R.T.: 0.059 min
Response: 4979
Conc: 2.85 ng/ml



#5 AR-1016-3

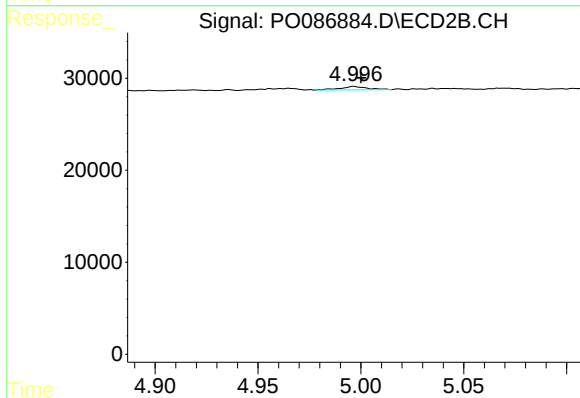
R.T.: 4.997 min
Delta R.T.: 0.040 min
Response: 3446
Conc: 4.67 ng/ml



#6 AR-1016-4

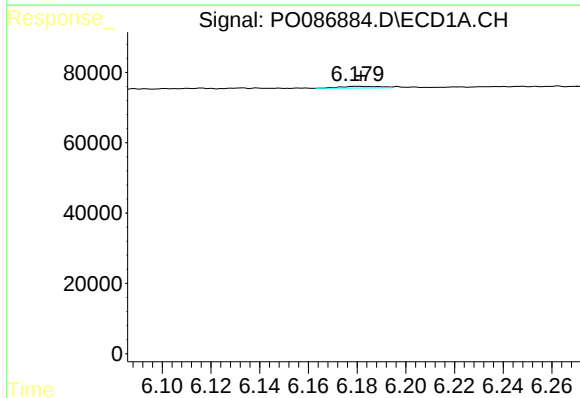
R.T.: 5.847 min
Delta R.T.: -0.037 min
Response: 5429
Conc: 3.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



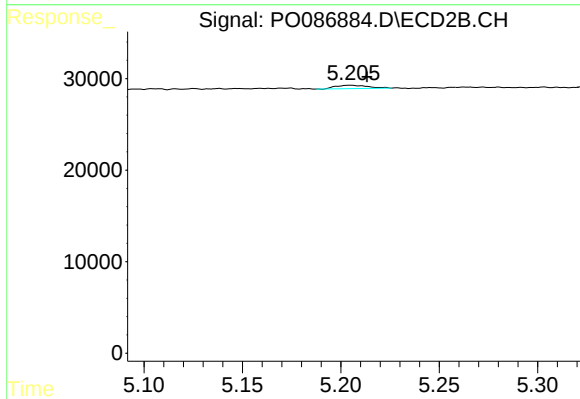
#6 AR-1016-4

R.T.: 4.997 min
Delta R.T.: -0.004 min
Response: 3446
Conc: 5.90 ng/ml



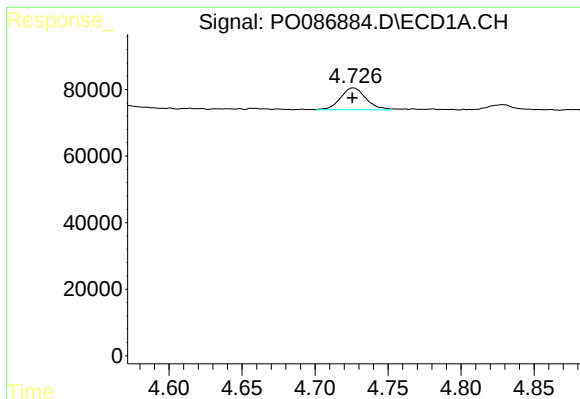
#7 AR-1016-5

R.T.: 6.180 min
Delta R.T.: -0.002 min
Response: 5923
Conc: 4.31 ng/ml



#7 AR-1016-5

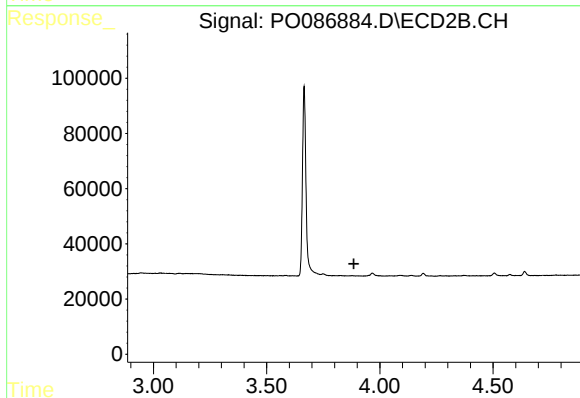
R.T.: 5.205 min
Delta R.T.: -0.008 min
Response: 4314
Conc: 5.92 ng/ml



#8 AR-1221-1

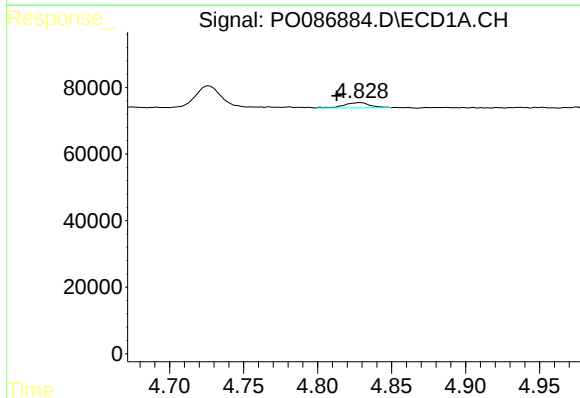
R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 79422
Conc: 119.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



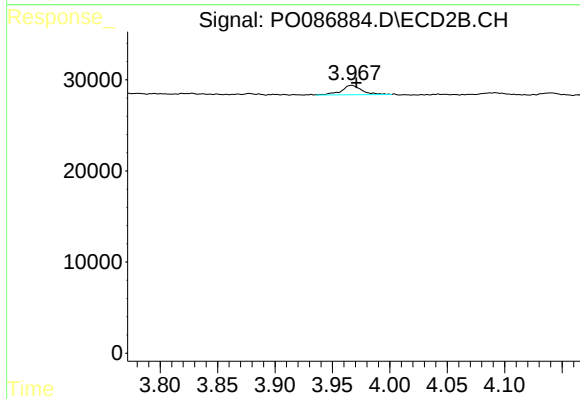
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.885 min
Response: 0
Conc: N.D.



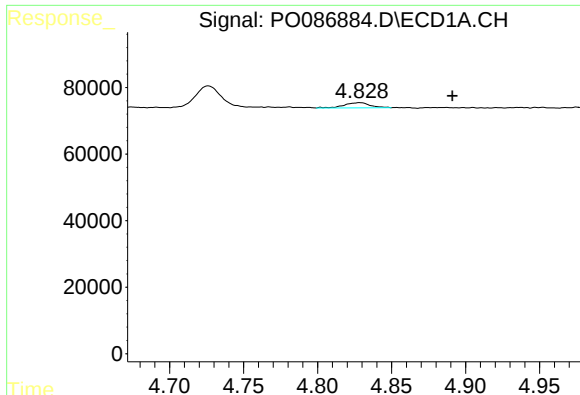
#9 AR-1221-2

R.T.: 4.828 min
Delta R.T.: 0.016 min
Response: 18696
Conc: 35.68 ng/ml



#9 AR-1221-2

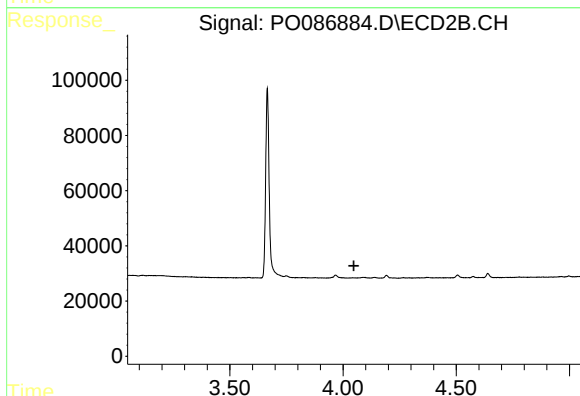
R.T.: 3.967 min
Delta R.T.: -0.004 min
Response: 12890
Conc: 45.50 ng/ml



#10 AR-1221-3

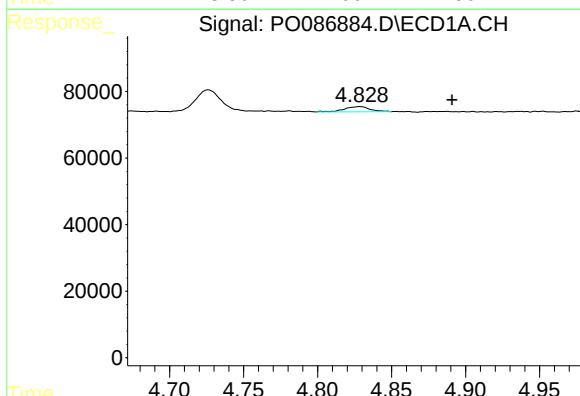
R.T.: 4.828 min
Delta R.T.: -0.063 min
Response: 18696
Conc: 11.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



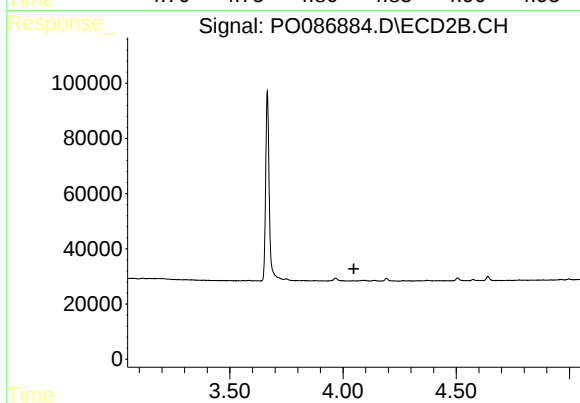
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.048 min
Response: 0
Conc: N.D.



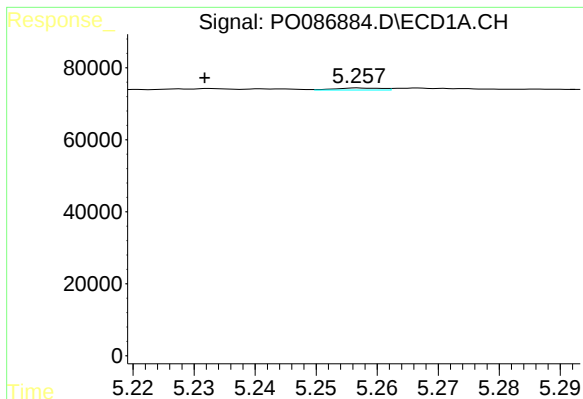
#11 AR-1232-1

R.T.: 4.828 min
Delta R.T.: -0.062 min
Response: 18696
Conc: 12.24 ng/ml



#11 AR-1232-1

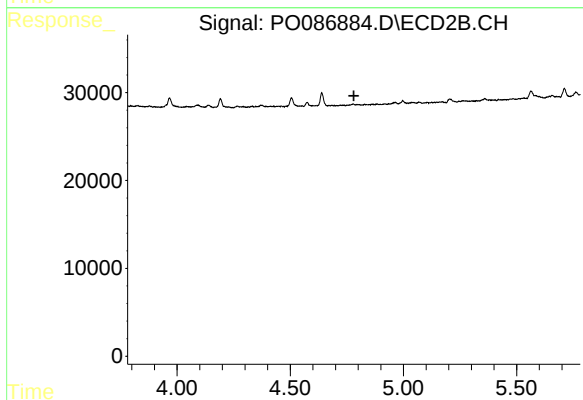
R.T.: 0.000 min
Exp R.T. : 4.048 min
Response: 0
Conc: N.D.



#12 AR-1232-2

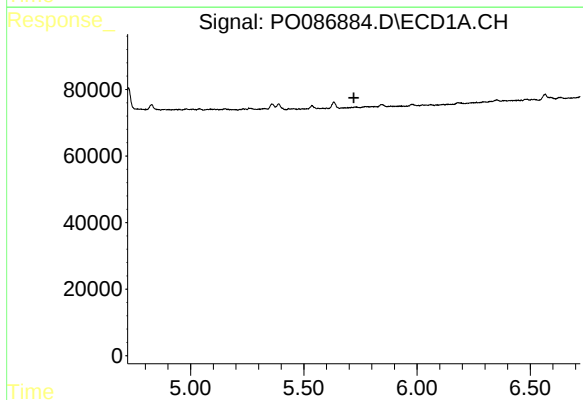
R.T.: 5.257 min
Delta R.T.: 0.025 min
Response: 2892
Conc: 4.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



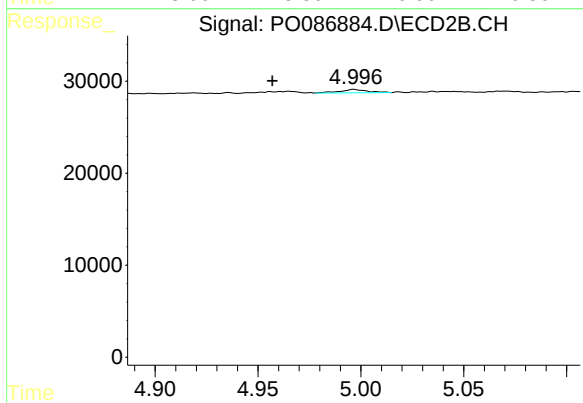
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.781 min
Response: 0
Conc: N.D.



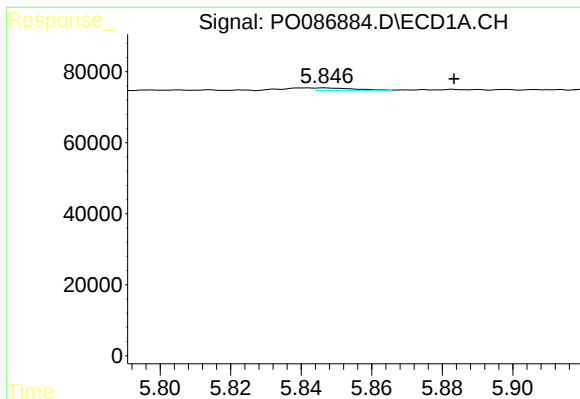
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.721 min
Response: 0
Conc: N.D.



#13 AR-1232-3

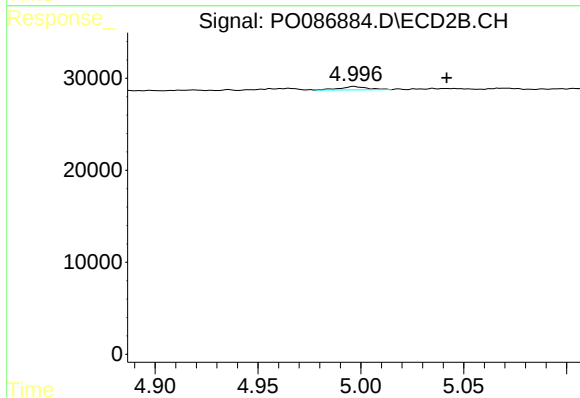
R.T.: 4.997 min
Delta R.T.: 0.040 min
Response: 3446
Conc: 10.00 ng/ml



#14 AR-1232-4

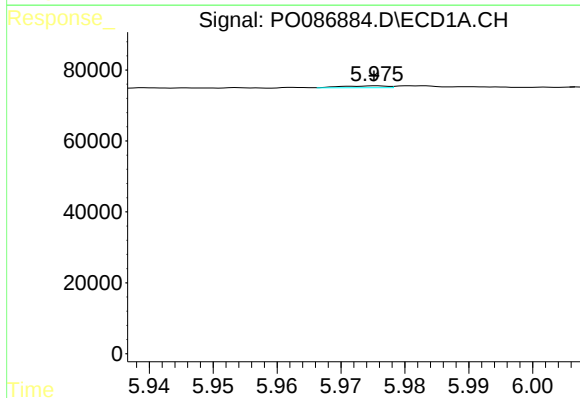
R.T.: 5.847 min
Delta R.T.: -0.037 min
Response: 5429
Conc: 8.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



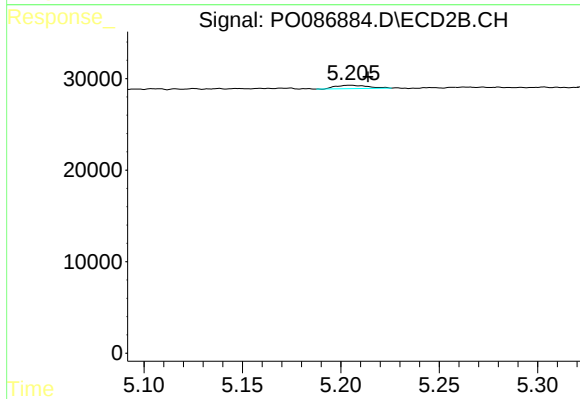
#14 AR-1232-4

R.T.: 4.997 min
Delta R.T.: -0.045 min
Response: 3446
Conc: 11.37 ng/ml



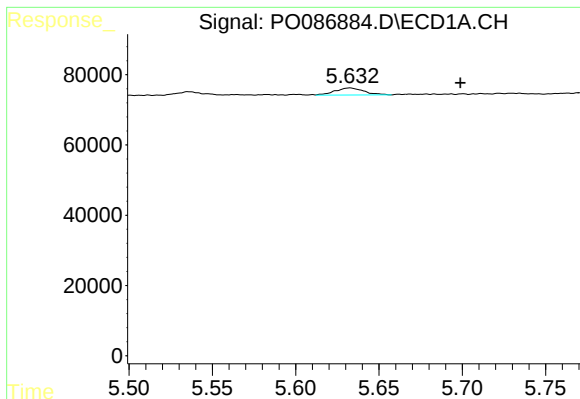
#15 AR-1232-5

R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 2476
Conc: 4.73 ng/ml



#15 AR-1232-5

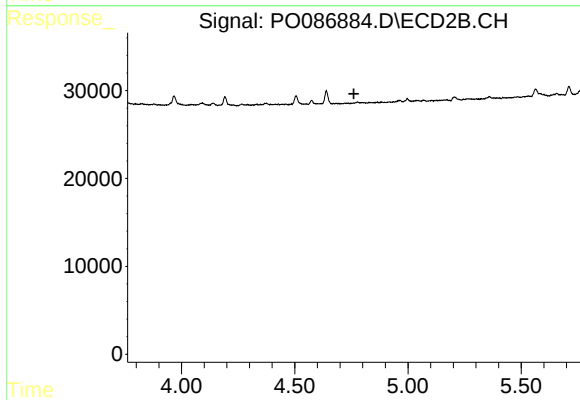
R.T.: 5.205 min
Delta R.T.: -0.009 min
Response: 4314
Conc: 13.06 ng/ml



#16 AR-1242-1

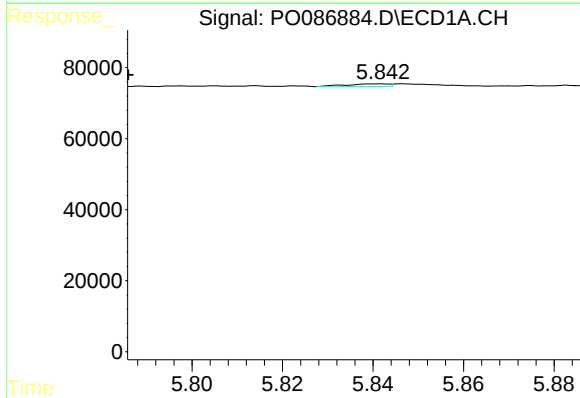
R.T.: 5.633 min
Delta R.T.: -0.066 min
Response: 24163
Conc: 15.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



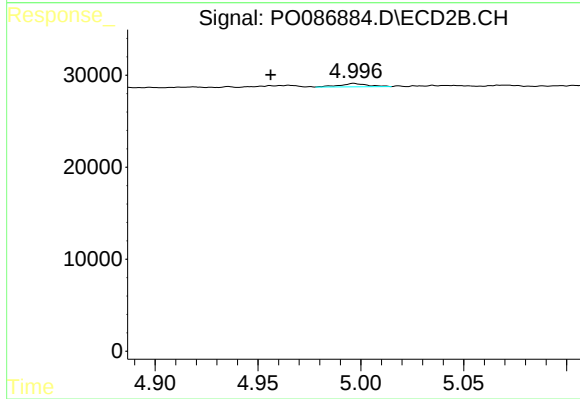
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.761 min
Response: 0
Conc: N.D.



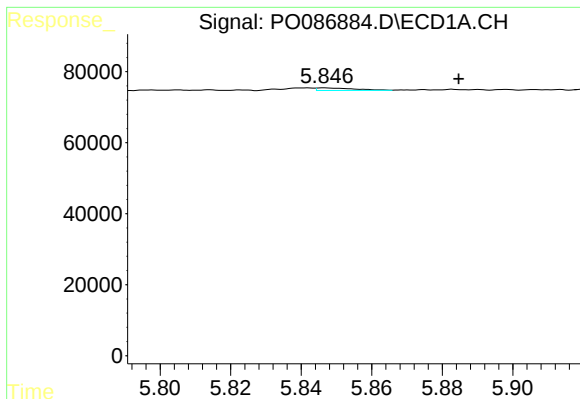
#18 AR-1242-3

R.T.: 5.842 min
Delta R.T.: 0.056 min
Response: 4979
Conc: 3.51 ng/ml



#18 AR-1242-3

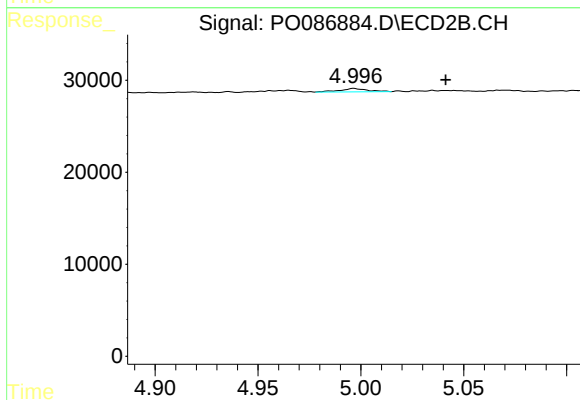
R.T.: 4.997 min
Delta R.T.: 0.040 min
Response: 3446
Conc: 5.84 ng/ml



#19 AR-1242-4

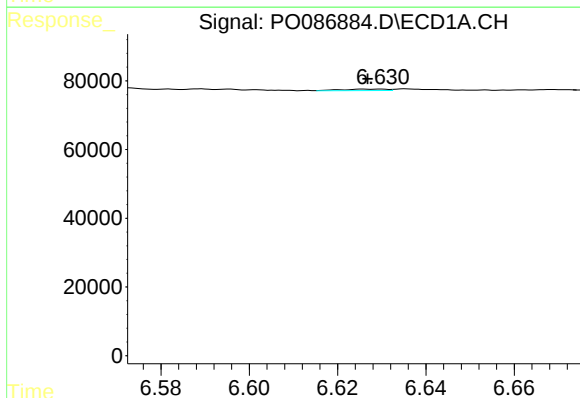
R.T.: 5.847 min
Delta R.T.: -0.038 min
Response: 5429
Conc: 4.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



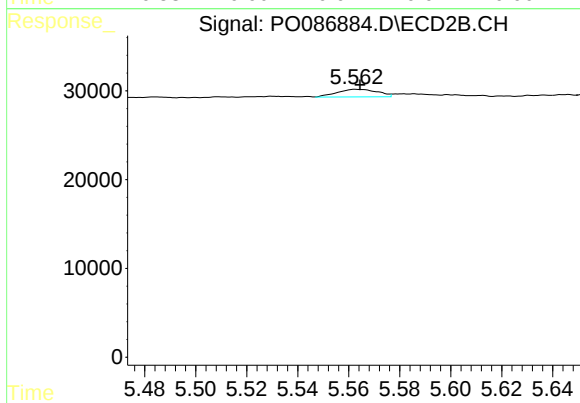
#19 AR-1242-4

R.T.: 4.997 min
Delta R.T.: -0.045 min
Response: 3446
Conc: 6.02 ng/ml



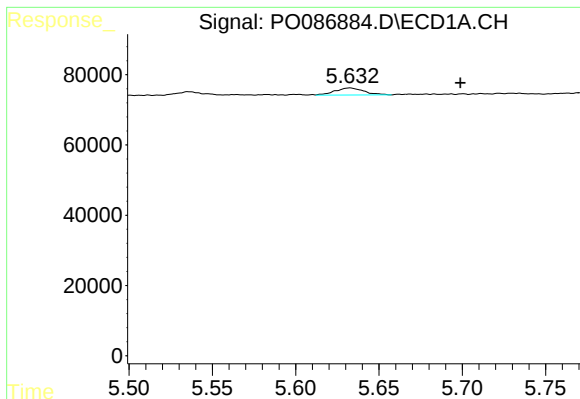
#20 AR-1242-5

R.T.: 6.630 min
Delta R.T.: 0.003 min
Response: 3088
Conc: 2.63 ng/ml



#20 AR-1242-5

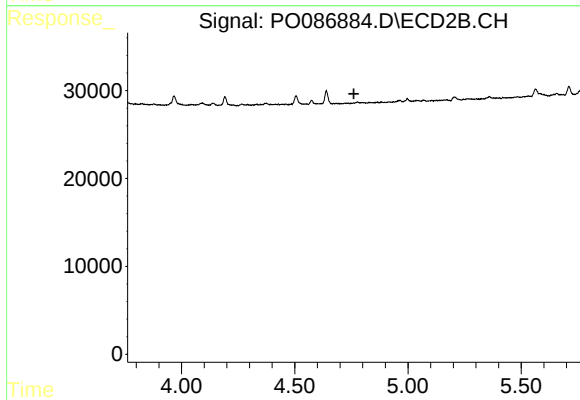
R.T.: 5.563 min
Delta R.T.: -0.002 min
Response: 9588
Conc: 14.28 ng/ml



#21 AR-1248-1

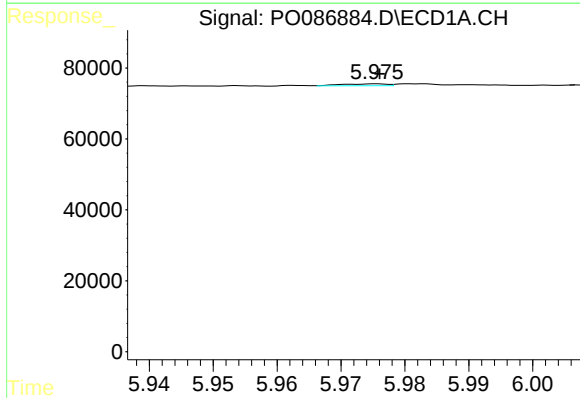
R.T.: 5.633 min
Delta R.T.: -0.066 min
Response: 24163
Conc: 19.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



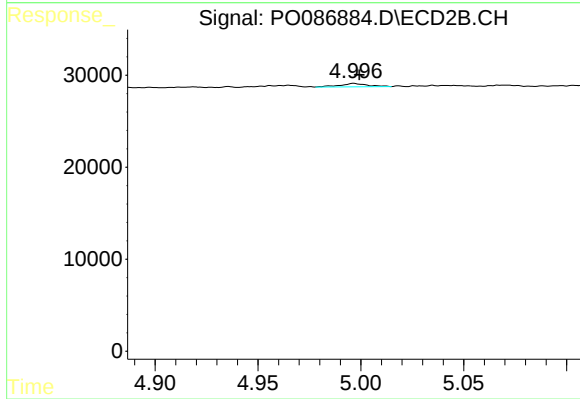
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.761 min
Response: 0
Conc: N.D.



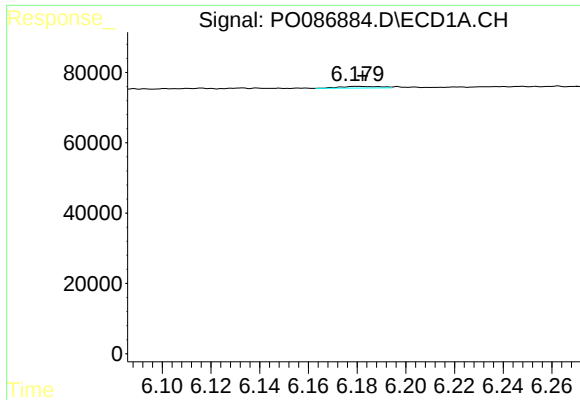
#22 AR-1248-2

R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 2476
Conc: 1.42 ng/ml



#22 AR-1248-2

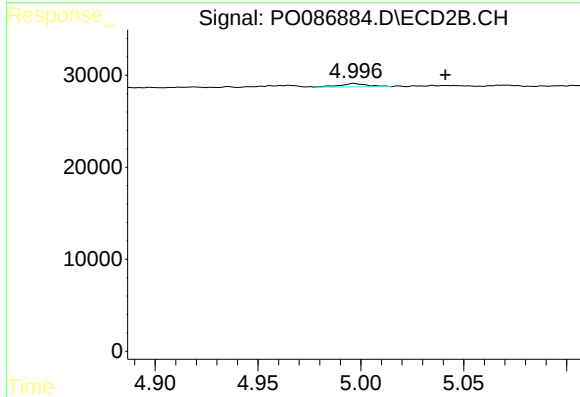
R.T.: 4.997 min
Delta R.T.: -0.003 min
Response: 3446
Conc: 4.28 ng/ml



#23 AR-1248-3

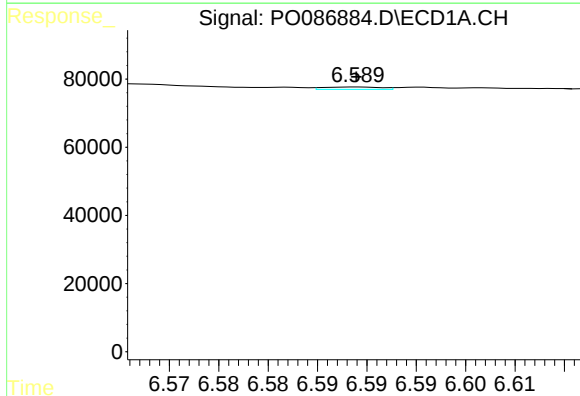
R.T.: 6.180 min
Delta R.T.: -0.003 min
Response: 5923
Conc: 3.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



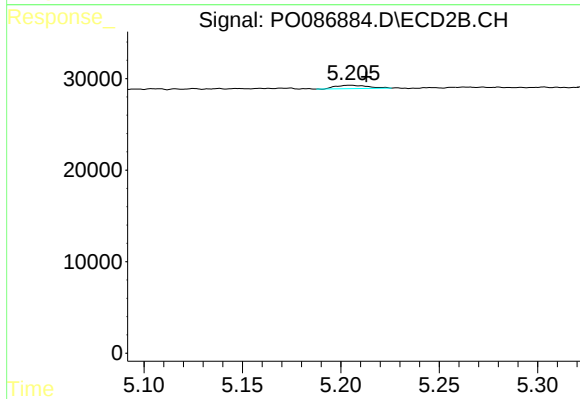
#23 AR-1248-3

R.T.: 4.997 min
Delta R.T.: -0.045 min
Response: 3446
Conc: 4.11 ng/ml



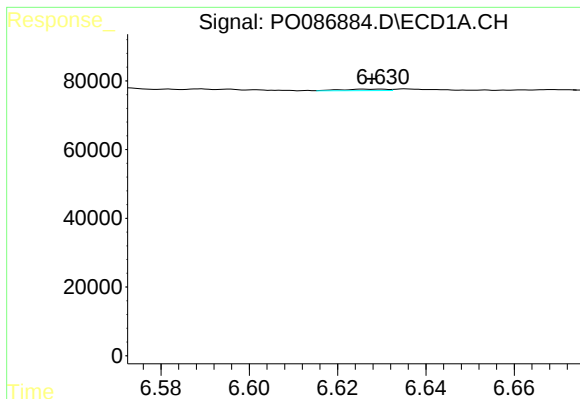
#24 AR-1248-4

R.T.: 6.589 min
Delta R.T.: 0.000 min
Response: 2804
Conc: 1.31 ng/ml



#24 AR-1248-4

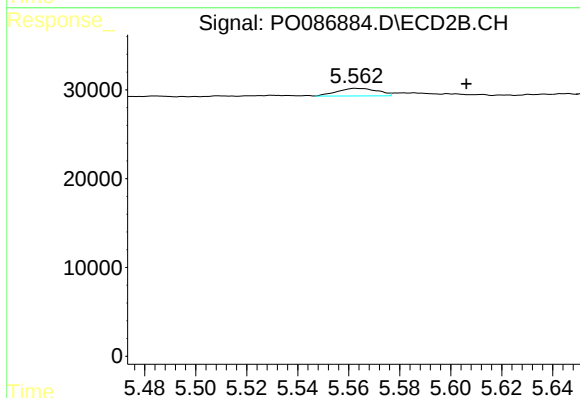
R.T.: 5.205 min
Delta R.T.: -0.008 min
Response: 4314
Conc: 4.43 ng/ml



#25 AR-1248-5

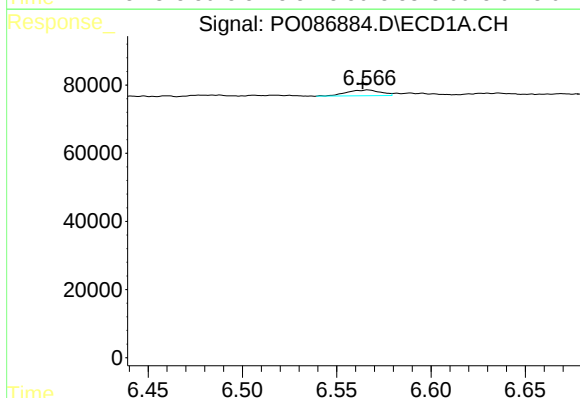
R.T.: 6.630 min
Delta R.T.: 0.002 min
Response: 3088
Conc: 1.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



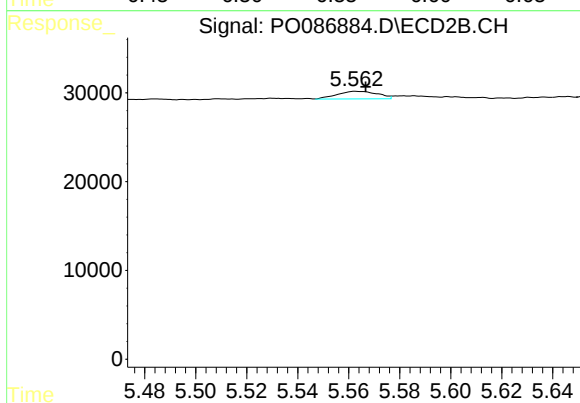
#25 AR-1248-5

R.T.: 5.563 min
Delta R.T.: -0.043 min
Response: 9588
Conc: 10.31 ng/ml



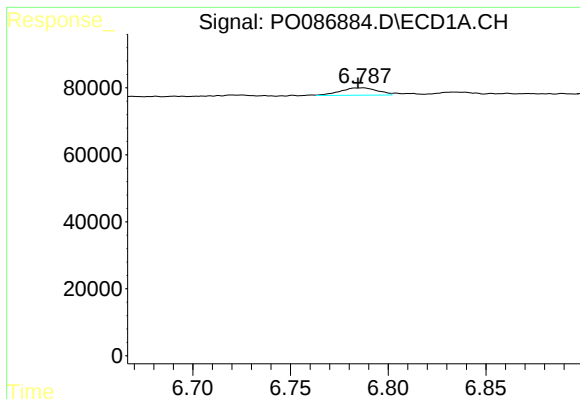
#26 AR-1254-1

R.T.: 6.567 min
Delta R.T.: 0.003 min
Response: 21273
Conc: 9.57 ng/ml



#26 AR-1254-1

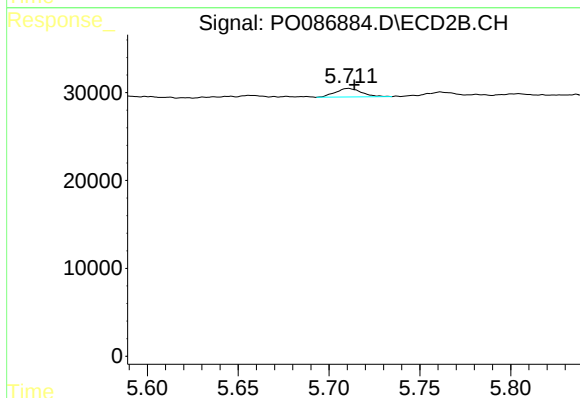
R.T.: 5.563 min
Delta R.T.: -0.004 min
Response: 9588
Conc: 6.67 ng/ml



#27 AR-1254-2

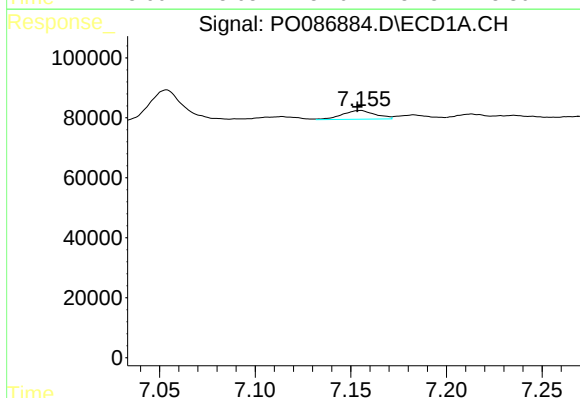
R.T.: 6.787 min
Delta R.T.: 0.003 min
Response: 29063
Conc: 8.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



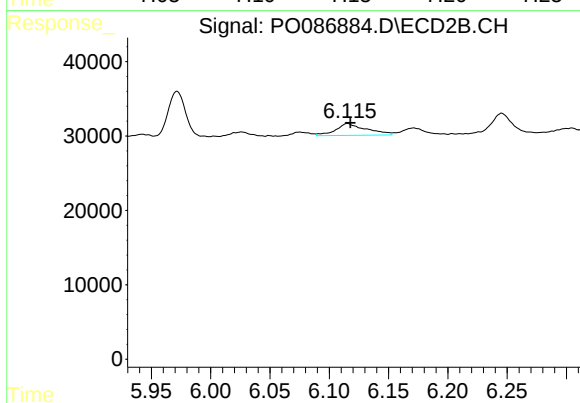
#27 AR-1254-2

R.T.: 5.711 min
Delta R.T.: -0.003 min
Response: 9790
Conc: 7.90 ng/ml



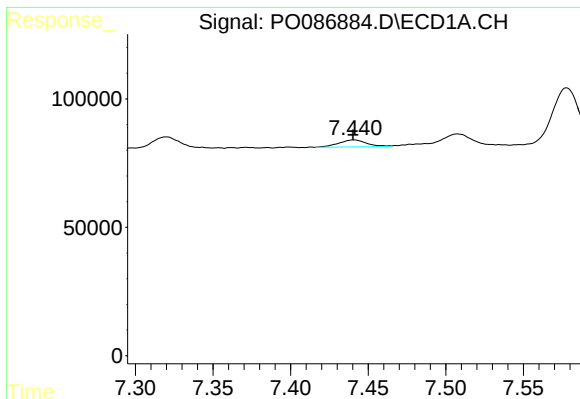
#28 AR-1254-3

R.T.: 7.155 min
Delta R.T.: 0.002 min
Response: 34994
Conc: 10.02 ng/ml



#28 AR-1254-3

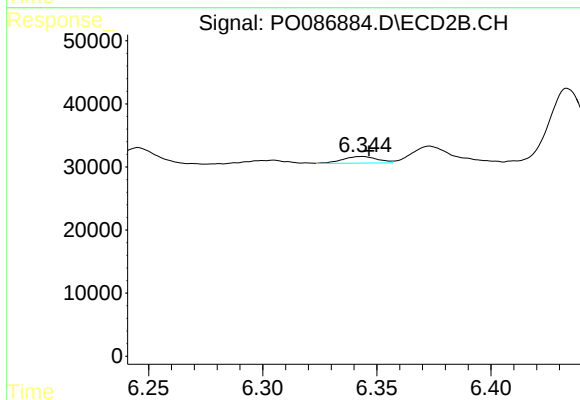
R.T.: 6.116 min
Delta R.T.: -0.002 min
Response: 29013
Conc: 14.44 ng/ml



#29 AR-1254-4

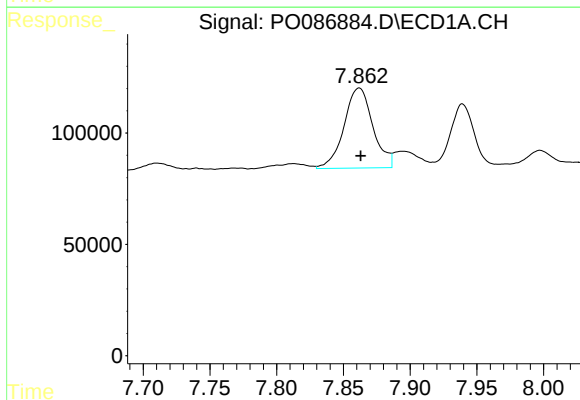
R.T.: 7.441 min
Delta R.T.: 0.000 min
Response: 34283
Conc: 13.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



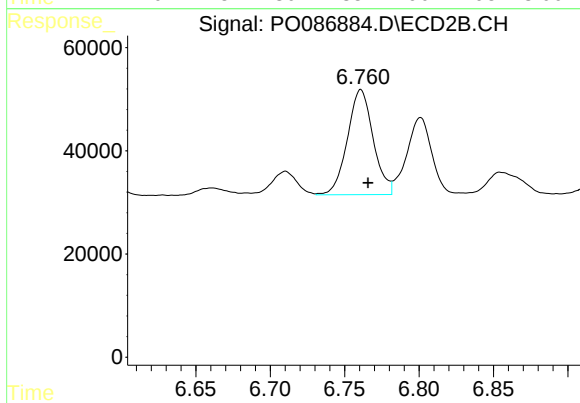
#29 AR-1254-4

R.T.: 6.344 min
Delta R.T.: -0.003 min
Response: 11048
Conc: 8.95 ng/ml



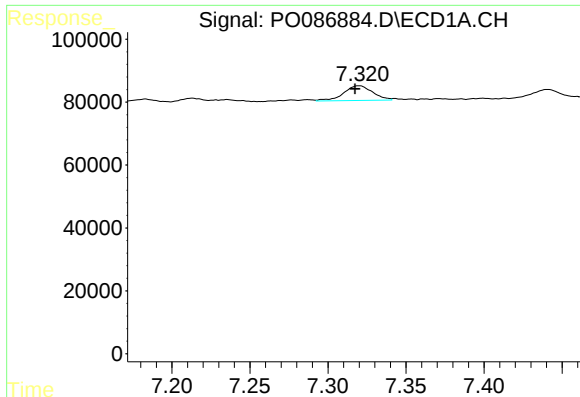
#30 AR-1254-5

R.T.: 7.862 min
Delta R.T.: -0.001 min
Response: 541394
Conc: 195.74 ng/ml



#30 AR-1254-5

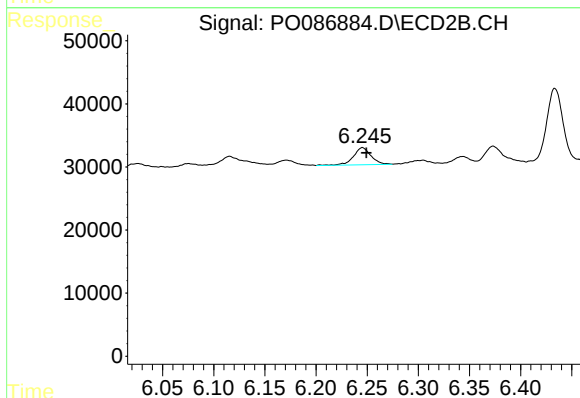
R.T.: 6.761 min
Delta R.T.: -0.005 min
Response: 246176
Conc: 142.12 ng/ml



#31 AR-1260-1

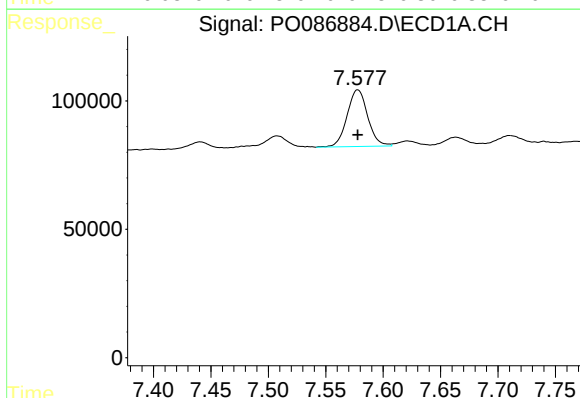
R.T.: 7.320 min
Delta R.T.: 0.003 min
Response: 59972
Conc: 24.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



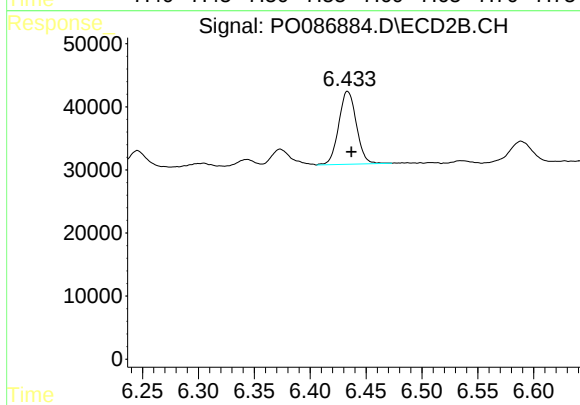
#31 AR-1260-1

R.T.: 6.245 min
Delta R.T.: -0.004 min
Response: 32777
Conc: 25.31 ng/ml



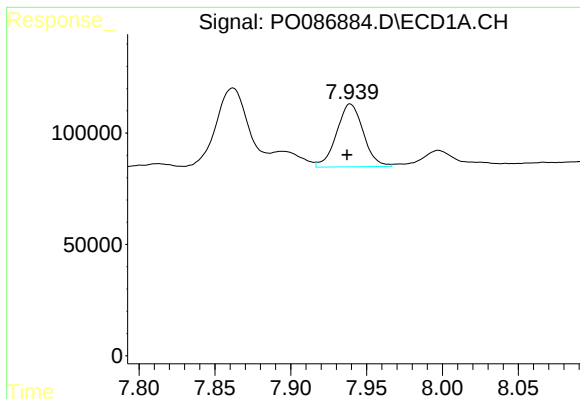
#32 AR-1260-2

R.T.: 7.578 min
Delta R.T.: 0.000 min
Response: 277073
Conc: 81.73 ng/ml



#32 AR-1260-2

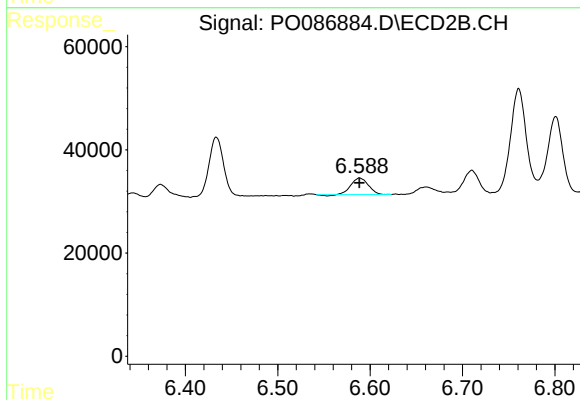
R.T.: 6.434 min
Delta R.T.: -0.003 min
Response: 126872
Conc: 82.14 ng/ml



#33 AR-1260-3

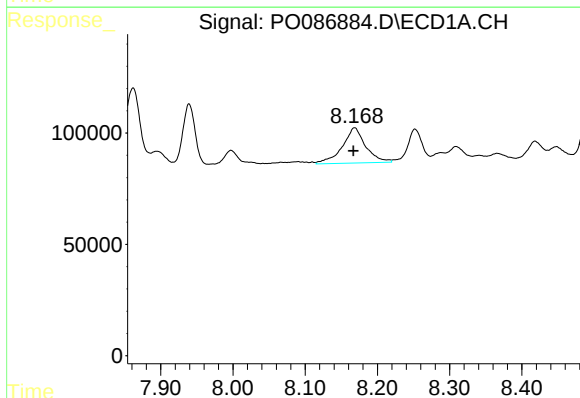
R.T.: 7.939 min
Delta R.T.: 0.002 min
Response: 345857
Conc: 160.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



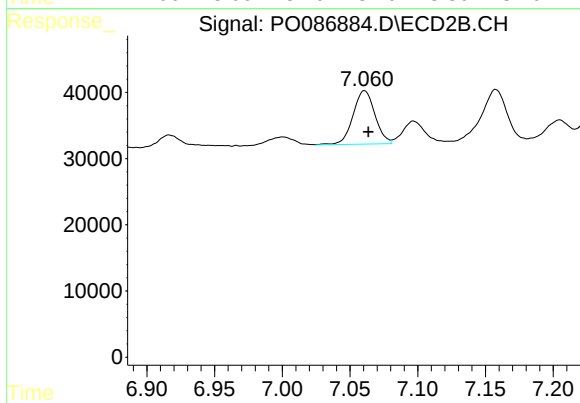
#33 AR-1260-3

R.T.: 6.589 min
Delta R.T.: 0.000 min
Response: 40590
Conc: 23.36 ng/ml



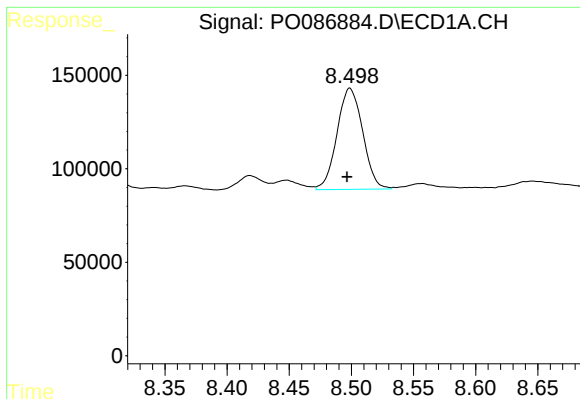
#34 AR-1260-4

R.T.: 8.168 min
Delta R.T.: 0.002 min
Response: 355138
Conc: 138.20 ng/ml



#34 AR-1260-4

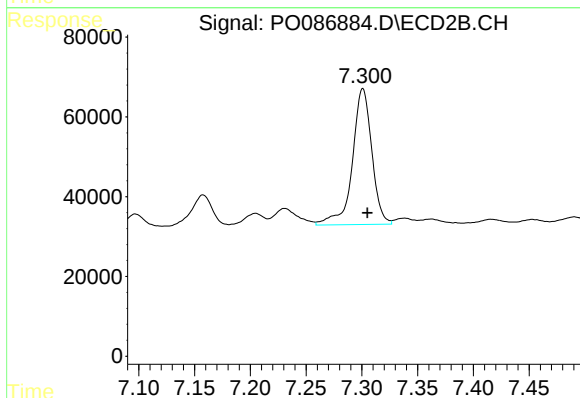
R.T.: 7.061 min
Delta R.T.: -0.003 min
Response: 90676
Conc: 79.67 ng/ml



#35 AR-1260-5

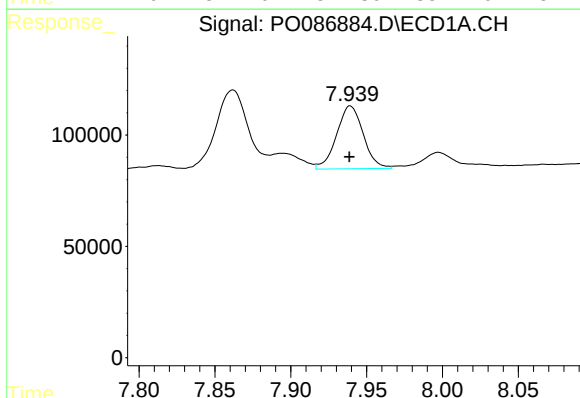
R.T.: 8.499 min
Delta R.T.: 0.002 min
Response: 779128
Conc: 163.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



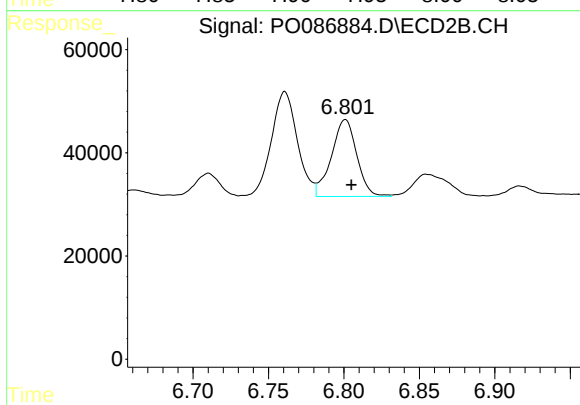
#35 AR-1260-5

R.T.: 7.301 min
Delta R.T.: -0.004 min
Response: 412405
Conc: 155.28 ng/ml



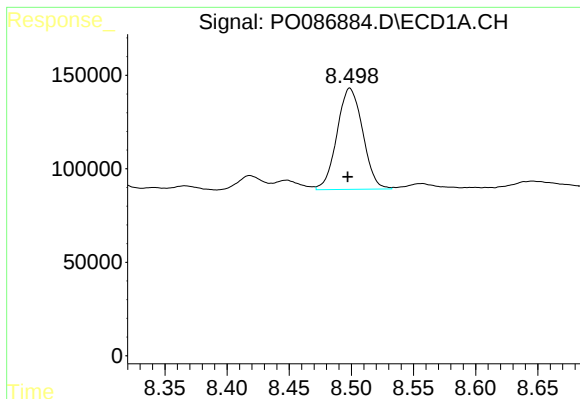
#36 AR-1262-1

R.T.: 7.939 min
Delta R.T.: 0.000 min
Response: 345857
Conc: 104.13 ng/ml



#36 AR-1262-1

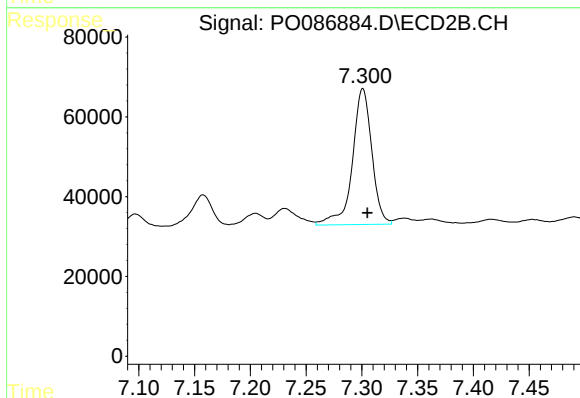
R.T.: 6.801 min
Delta R.T.: -0.004 min
Response: 174906
Conc: 101.15 ng/ml



#37 AR-1262-2

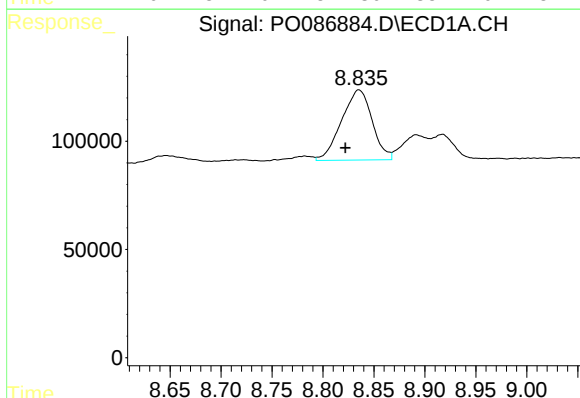
R.T.: 8.499 min
Delta R.T.: 0.002 min
Response: 779128
Conc: 136.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



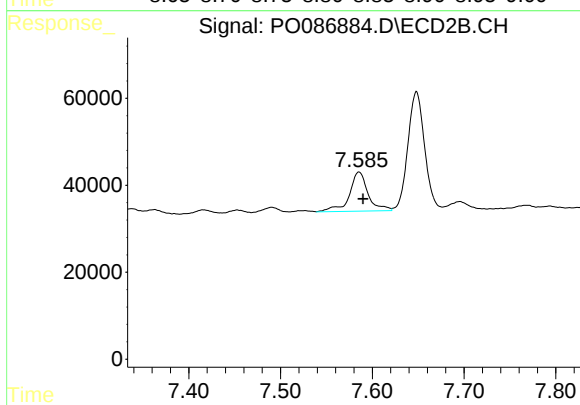
#37 AR-1262-2

R.T.: 7.301 min
Delta R.T.: -0.004 min
Response: 412405
Conc: 137.33 ng/ml



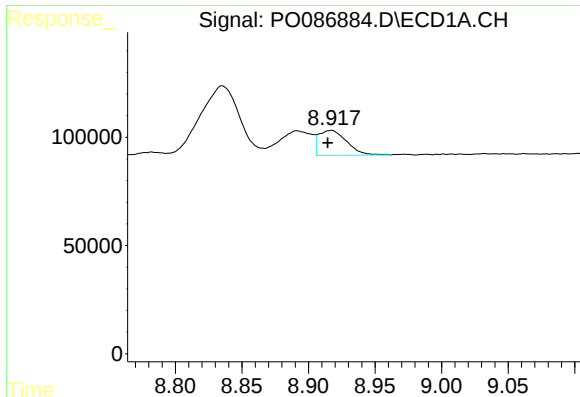
#38 AR-1262-3

R.T.: 8.835 min
Delta R.T.: 0.013 min
Response: 678431
Conc: 172.30 ng/ml



#38 AR-1262-3

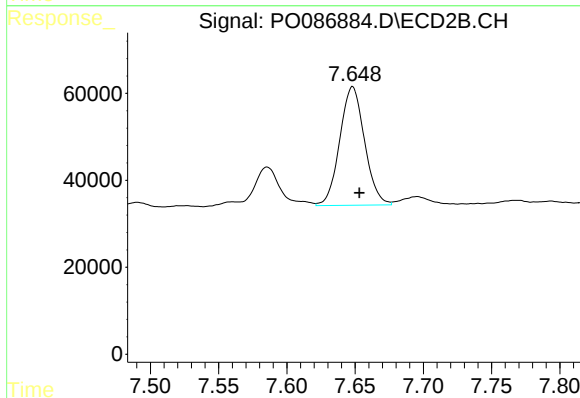
R.T.: 7.586 min
Delta R.T.: -0.005 min
Response: 128233
Conc: 106.96 ng/ml



#39 AR-1262-4

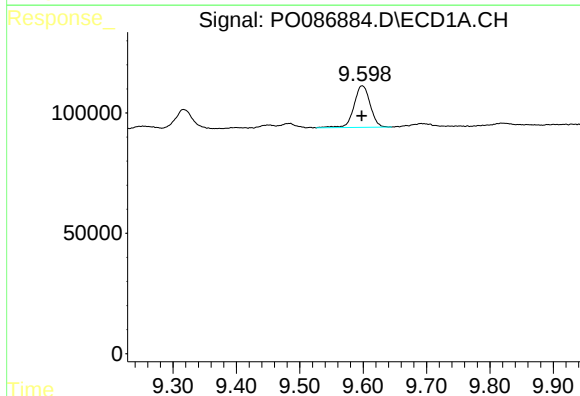
R.T.: 8.917 min
Delta R.T.: 0.003 min
Response: 168611
Conc: 56.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



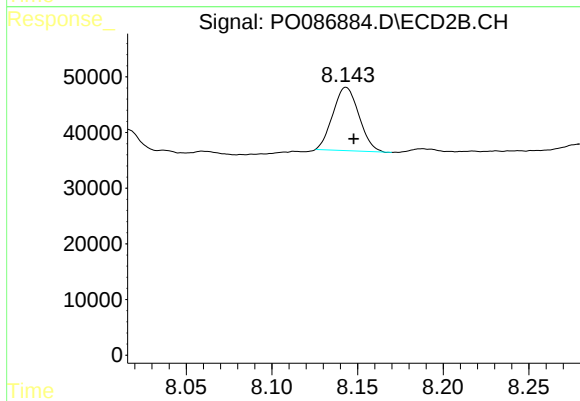
#39 AR-1262-4

R.T.: 7.648 min
Delta R.T.: -0.005 min
Response: 345293
Conc: 157.98 ng/ml



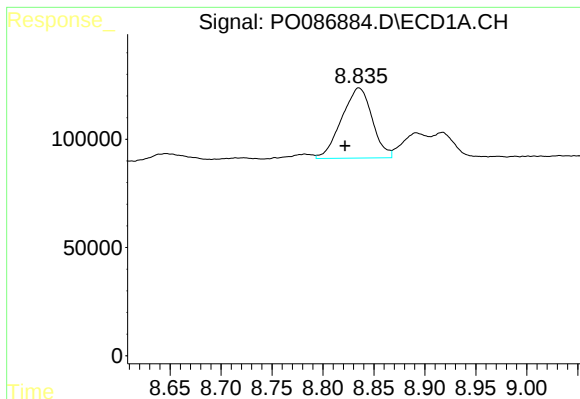
#40 AR-1262-5

R.T.: 9.598 min
Delta R.T.: 0.000 min
Response: 306657
Conc: 148.30 ng/ml



#40 AR-1262-5

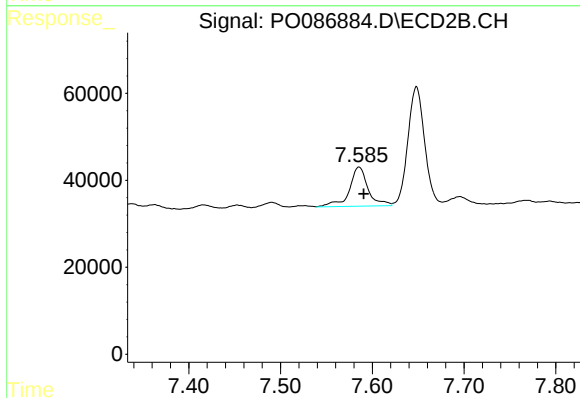
R.T.: 8.143 min
Delta R.T.: -0.005 min
Response: 120524
Conc: 119.50 ng/ml



#41 AR-1268-1

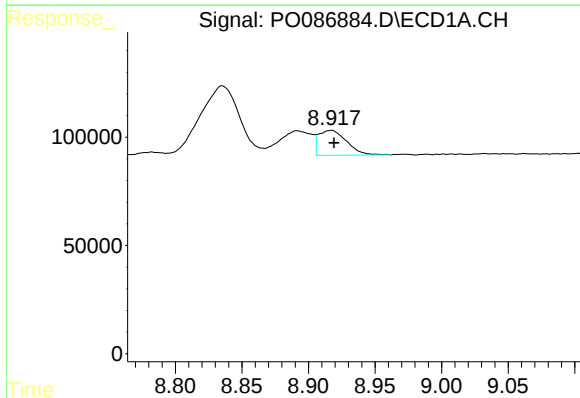
R.T.: 8.835 min
Delta R.T.: 0.013 min
Response: 678431
Conc: 96.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



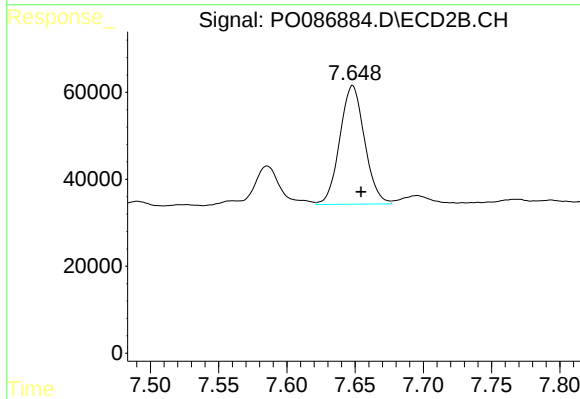
#41 AR-1268-1

R.T.: 7.586 min
Delta R.T.: -0.005 min
Response: 128233
Conc: 37.42 ng/ml



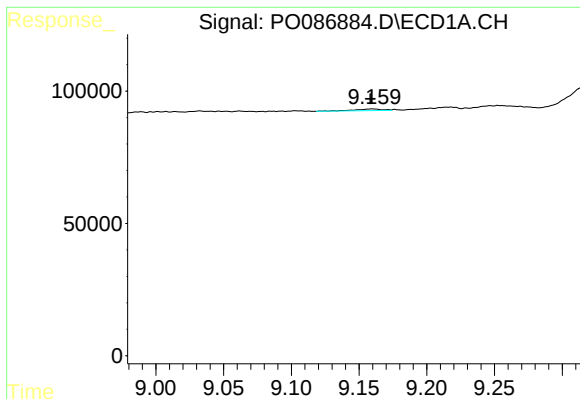
#42 AR-1268-2

R.T.: 8.917 min
Delta R.T.: -0.002 min
Response: 168611
Conc: 26.33 ng/ml



#42 AR-1268-2

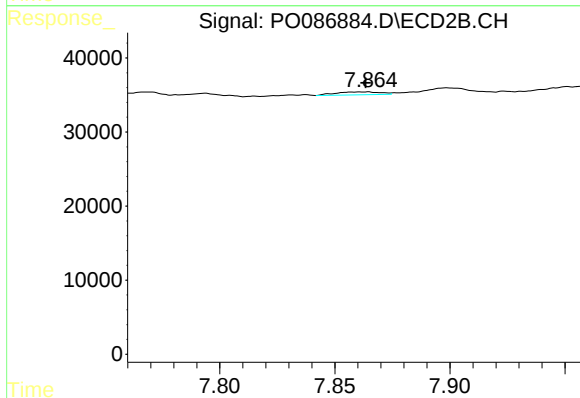
R.T.: 7.648 min
Delta R.T.: -0.006 min
Response: 345293
Conc: 110.10 ng/ml



#43 AR-1268-3

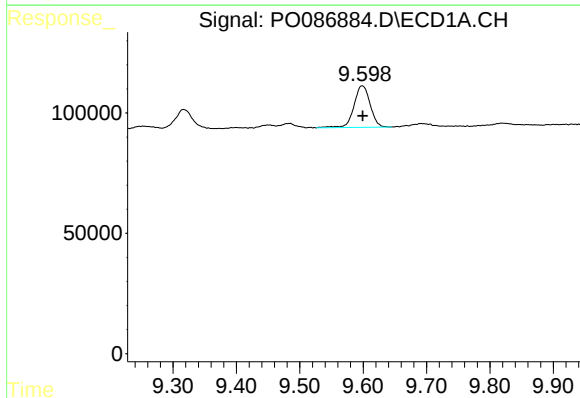
R.T.: 9.160 min
Delta R.T.: 0.001 min
Response: 8945
Conc: 1.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



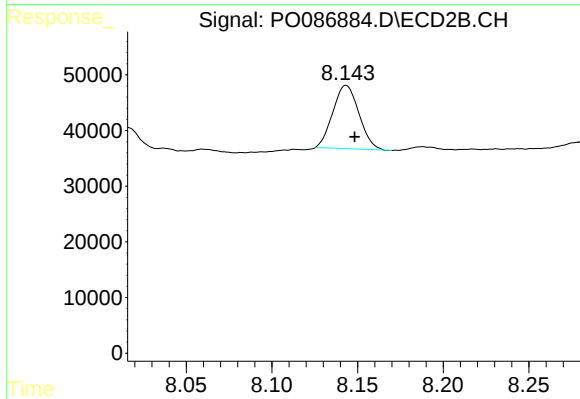
#43 AR-1268-3

R.T.: 7.864 min
Delta R.T.: 0.000 min
Response: 5369
Conc: 2.03 ng/ml



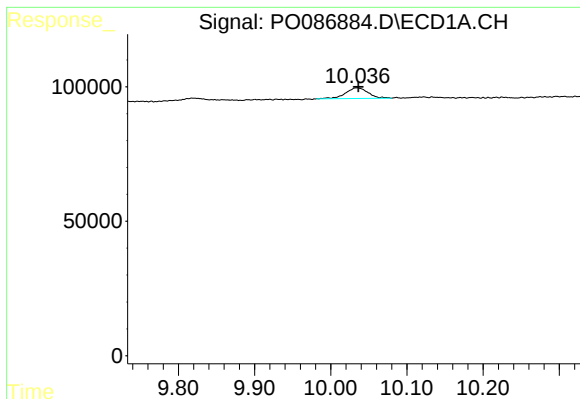
#44 AR-1268-4

R.T.: 9.598 min
Delta R.T.: 0.000 min
Response: 306657
Conc: 129.86 ng/ml



#44 AR-1268-4

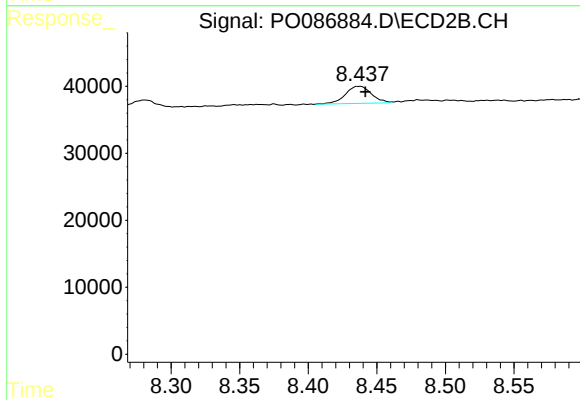
R.T.: 8.143 min
Delta R.T.: -0.005 min
Response: 120524
Conc: 105.51 ng/ml



#45 AR-1268-5

R.T.: 10.035 min
Delta R.T.: -0.002 min
Response: 82212
Conc: 4.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.437 min
Delta R.T.: -0.005 min
Response: 33690
Conc: 3.86 ng/ml