

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0060322\
 Data File : P0086898.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 03 Jun 2022 11:33
 Operator : YP\AJ
 Sample : N2987-18
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 22:54:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\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	1503690	774481	26.292	24.229
2)	SA Decachlor...	10.393	8.693	1006744	399198	22.056	17.803
Target Compounds							
3)	L1 AR-1016-1	5.634f	0.000	14610	0	7.358	N.D. #
5)	L1 AR-1016-3	5.843f	0.000	9577	0	5.478	N.D. #
6)	L1 AR-1016-4	5.843f	0.000	9577	0	6.856	N.D. #
7)	L1 AR-1016-5	6.242f	0.000	1507	0	1.097	N.D. #
8)	L2 AR-1221-1	4.726	0.000	305088	0	459.239	N.D. #
9)	L2 AR-1221-2	4.825	3.965	20235	16602	38.614	58.601 #
10)	L2 AR-1221-3	4.825f	0.000	20235	0	12.544	N.D. #
11)	L3 AR-1232-1	4.825f	0.000	20235	0	13.252	N.D. #
12)	L3 AR-1232-2	5.300f	0.000	16681	0	23.734	N.D. #
14)	L3 AR-1232-4	5.843f	0.000	9577	0	14.662	N.D. #
16)	L4 AR-1242-1	5.634f	0.000	14610	0	9.140	N.D. #
18)	L4 AR-1242-3	5.843f	0.000	9577	0	6.743	N.D. #
19)	L4 AR-1242-4	5.843f	0.000	9577	0	8.450	N.D. #
20)	L4 AR-1242-5	6.564f	0.000	2028	0	1.724	N.D. #
21)	L5 AR-1248-1	5.634f	0.000	14610	0	11.980	N.D. #
23)	L5 AR-1248-3	6.242f	0.000	1507	0	0.780	N.D. #
24)	L5 AR-1248-4	6.564	0.000	2028	0	0.944	N.D. #
25)	L5 AR-1248-5	6.564f	0.000	2028	0	0.989	N.D. #
26)	L6 AR-1254-1	6.564	0.000	2028	0	0.913	N.D. #
27)	L6 AR-1254-2	6.796	0.000	4027	0	1.175	N.D. #
28)	L6 AR-1254-3	7.150	6.133	2096	2111	0.600	1.051 #
29)	L6 AR-1254-4	7.442	6.372	1444	5838	0.563	4.730 #
30)	L6 AR-1254-5	7.861	6.760	82471	32399	29.817	18.705 #
31)	L7 AR-1260-1	7.321	6.246	23196	7755	9.346	5.988 #
32)	L7 AR-1260-2	7.581	6.433	55455	24670	16.358	15.972
33)	L7 AR-1260-3	7.939	6.586	63506	18381	29.390	10.577 #
34)	L7 AR-1260-4	8.169	7.059	73153	21481	28.468	18.873 #
35)	L7 AR-1260-5	8.499	7.300	110979	58967	23.355	22.203
36)	L8 AR-1262-1	7.939	6.800	63506	27230	19.121	15.748
37)	L8 AR-1262-2	8.499	7.300	110979	58967	19.396	19.636
38)	L8 AR-1262-3	8.837	7.584	67995	18132	17.268	15.124
39)	L8 AR-1262-4	8.916	7.647	15672	43480	5.233	19.893 #
40)	L8 AR-1262-5	9.601	8.141	38616	11382	18.675	11.285 #
41)	L9 AR-1268-1	8.837	7.584	67995	18132	9.680	5.291 #
42)	L9 AR-1268-2	8.916	7.647	15672	43480	2.448	13.864 #
43)	L9 AR-1268-3	9.155	7.920f	1021	1166	0.188	0.441 #
44)	L9 AR-1268-4	9.601	8.141	38616	11382	16.352	9.964 #
45)	L9 AR-1268-5	10.040	8.438	6211	3498	0.345	0.400

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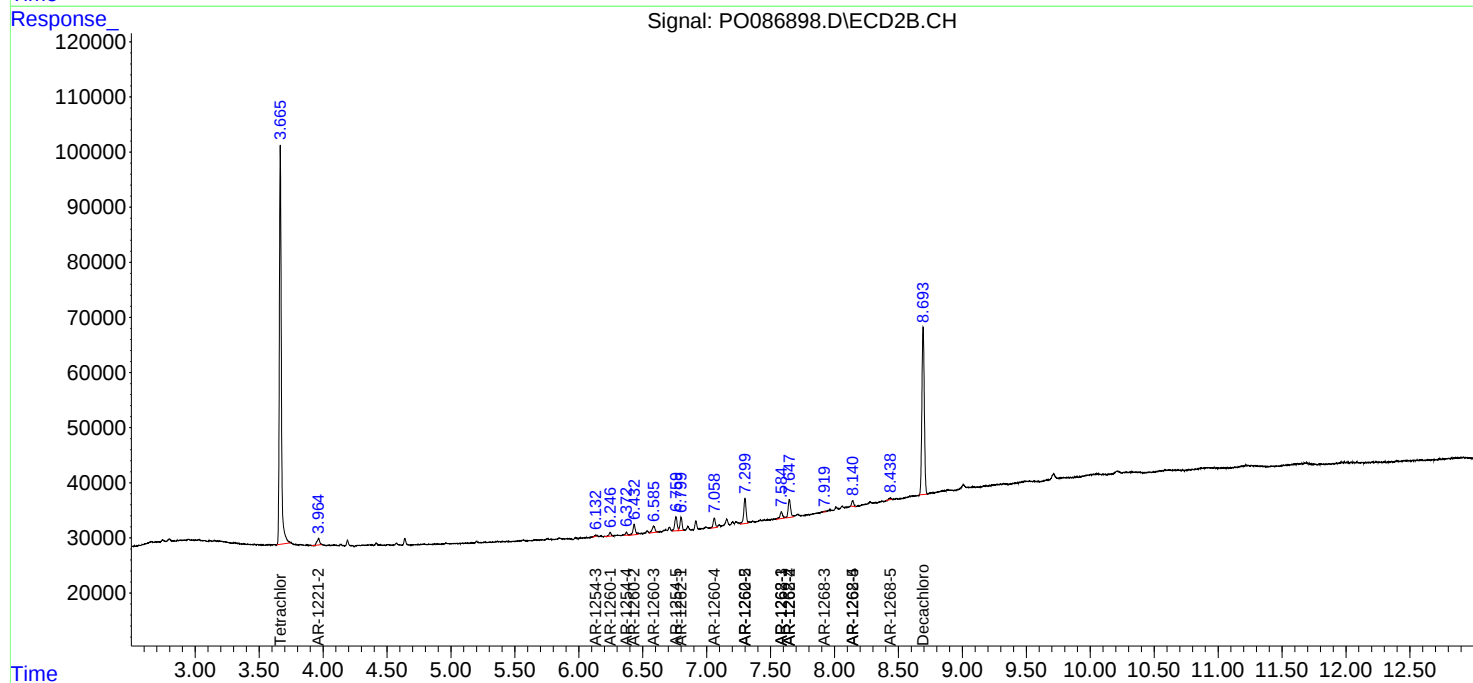
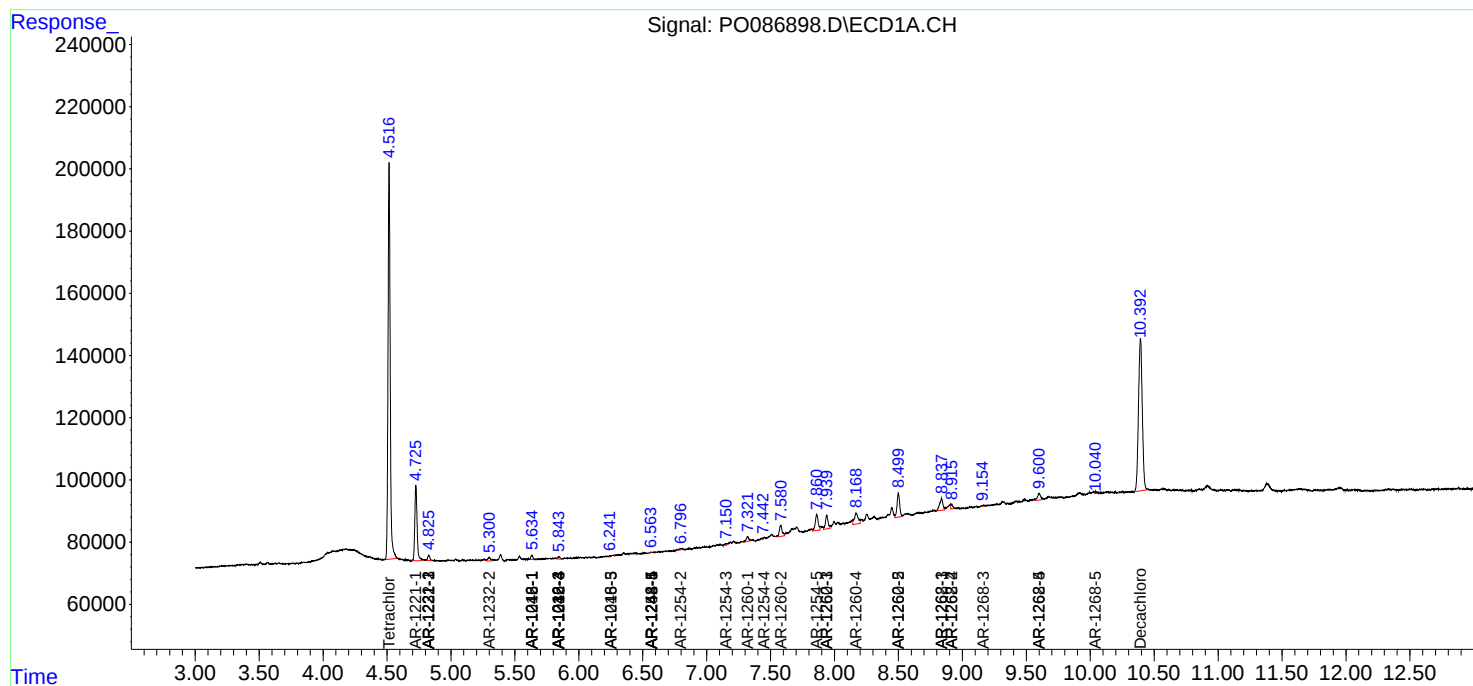
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

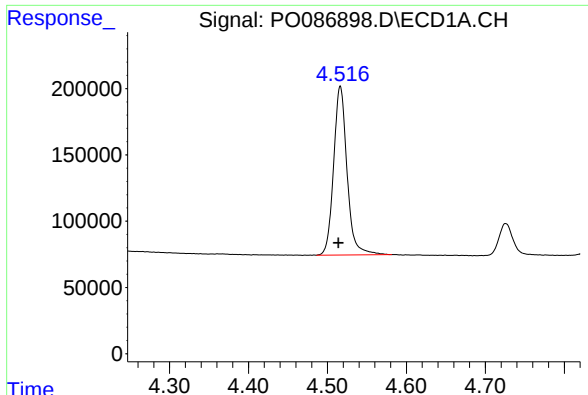
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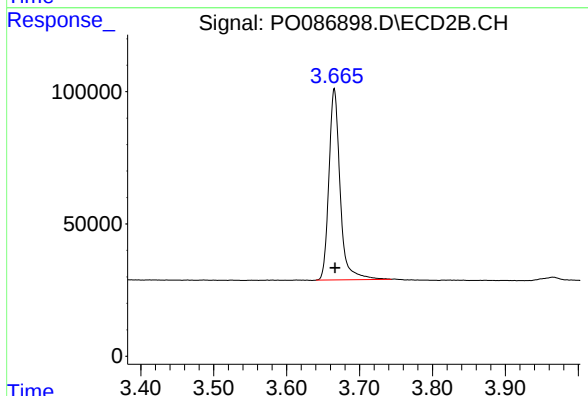




#1 Tetrachloro-m-xylene

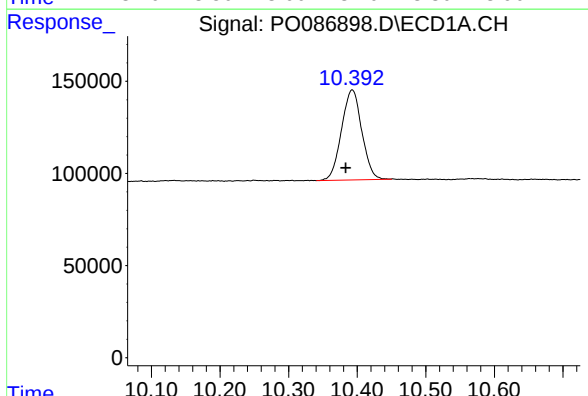
R.T.: 4.516 min
Delta R.T.: 0.002 min
Response: 1503690
Conc: 26.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



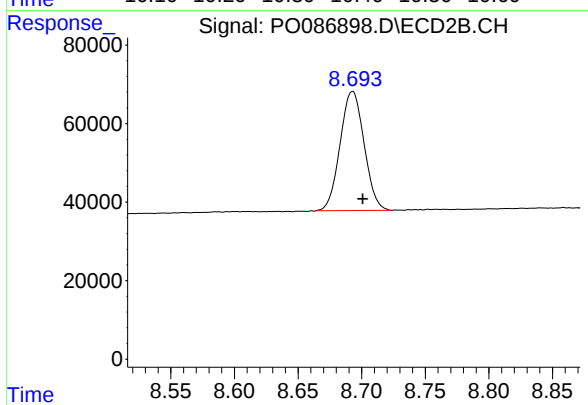
#1 Tetrachloro-m-xylene

R.T.: 3.665 min
Delta R.T.: -0.001 min
Response: 774481
Conc: 24.23 ng/ml



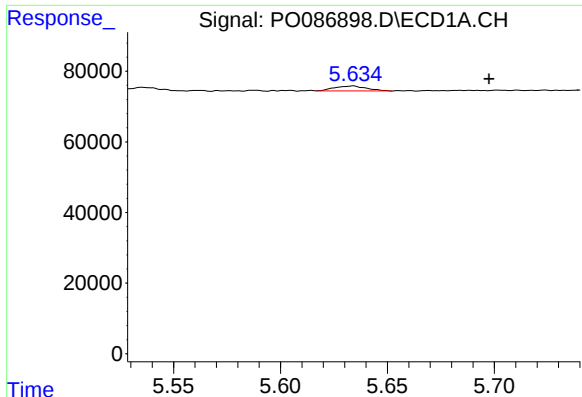
#2 Decachlorobiphenyl

R.T.: 10.393 min
Delta R.T.: 0.009 min
Response: 1006744
Conc: 22.06 ng/ml



#2 Decachlorobiphenyl

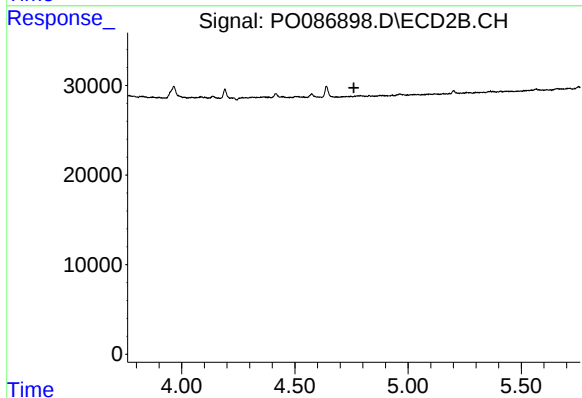
R.T.: 8.693 min
Delta R.T.: -0.008 min
Response: 399198
Conc: 17.80 ng/ml



#3 AR-1016-1

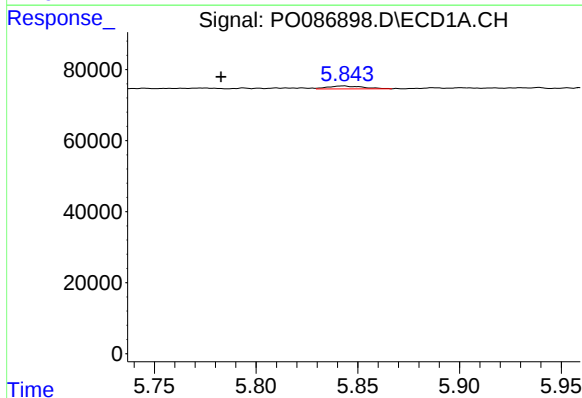
R.T.: 5.634 min
Delta R.T.: -0.063 min
Response: 14610
Conc: 7.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



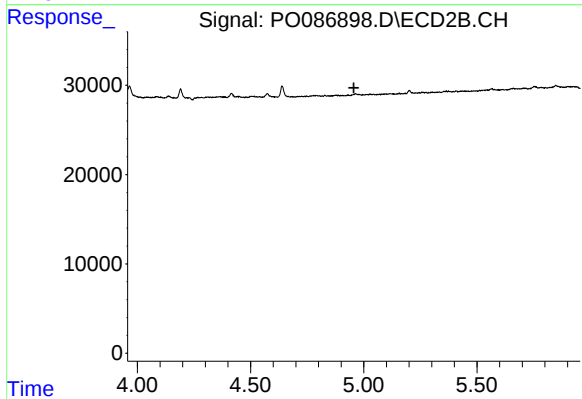
#3 AR-1016-1

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



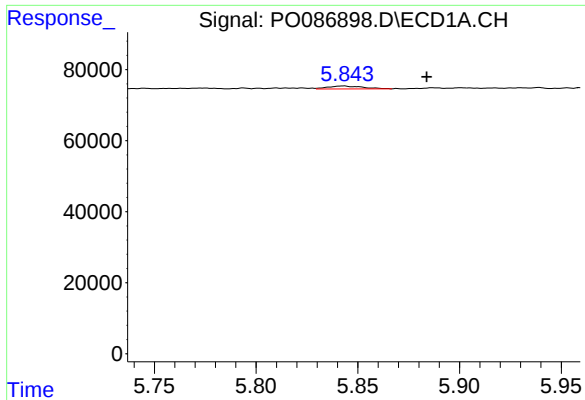
#5 AR-1016-3

R.T.: 5.843 min
Delta R.T.: 0.061 min
Response: 9577
Conc: 5.48 ng/ml



#5 AR-1016-3

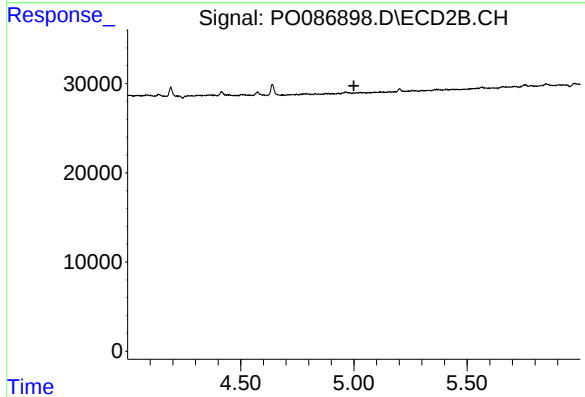
R.T.: 0.000 min
Exp R.T. : 4.956 min
Response: 0
Conc: N.D.



#6 AR-1016-4

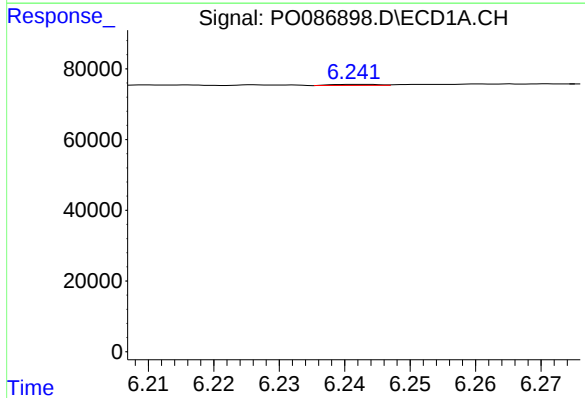
R.T.: 5.843 min
Delta R.T.: -0.040 min
Response: 9577
Conc: 6.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



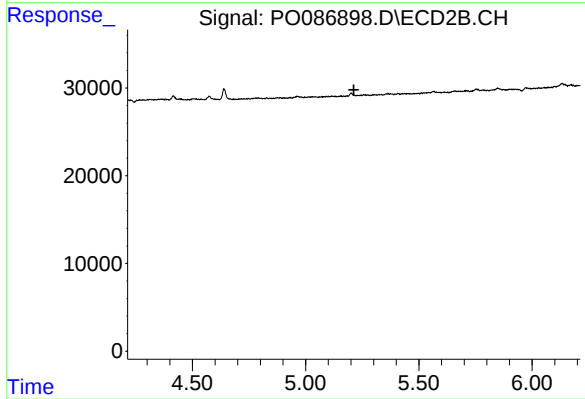
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.000 min
Response: 0
Conc: N.D.



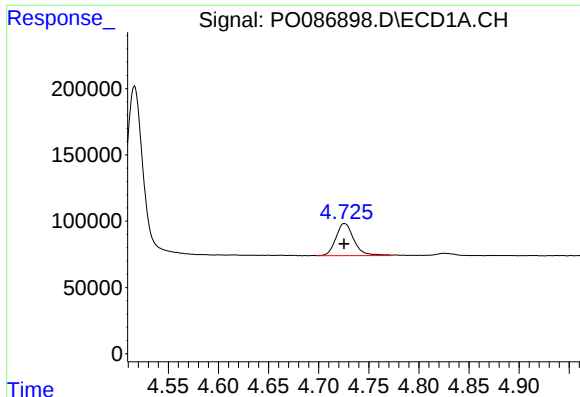
#7 AR-1016-5

R.T.: 6.242 min
Delta R.T.: 0.060 min
Response: 1507
Conc: 1.10 ng/ml



#7 AR-1016-5

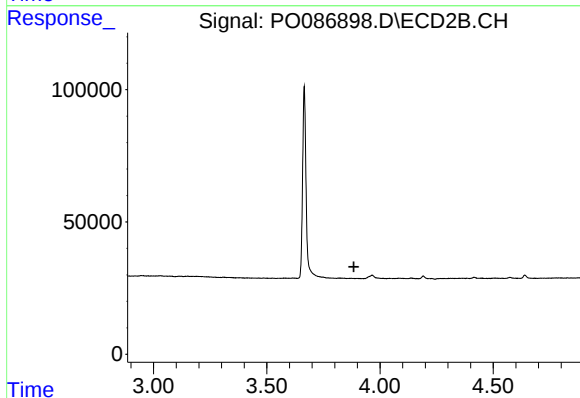
R.T.: 0.000 min
Exp R.T. : 5.213 min
Response: 0
Conc: N.D.



#8 AR-1221-1

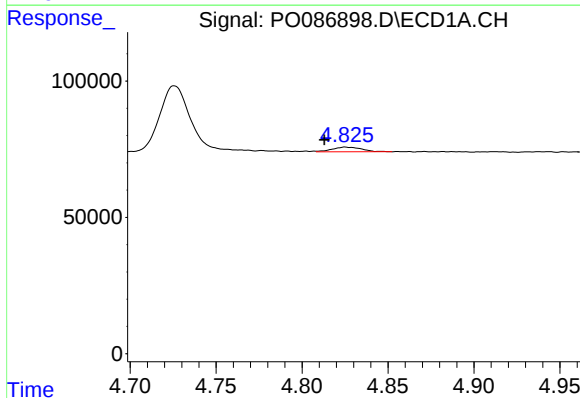
R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 305088
Conc: 459.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



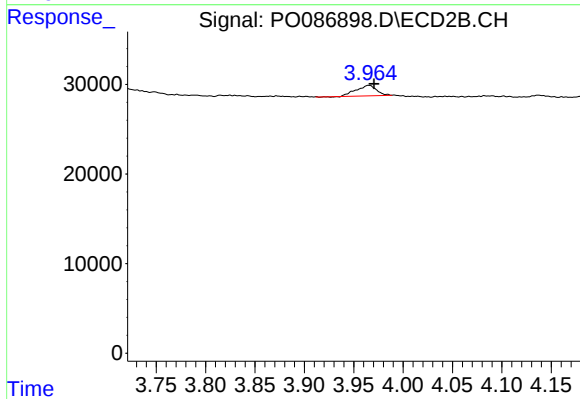
#8 AR-1221-1

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



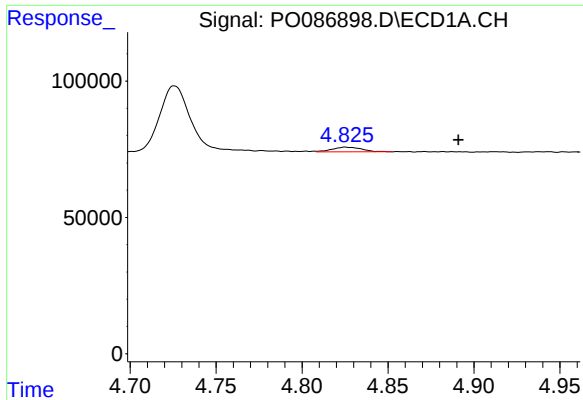
#9 AR-1221-2

R.T.: 4.825 min
Delta R.T.: 0.012 min
Response: 20235
Conc: 38.61 ng/ml



#9 AR-1221-2

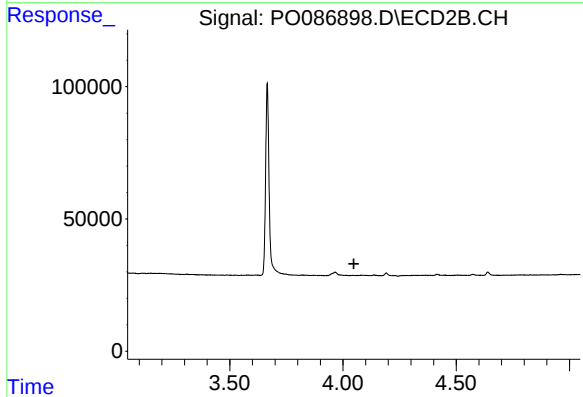
R.T.: 3.965 min
Delta R.T.: -0.006 min
Response: 16602
Conc: 58.60 ng/ml



#10 AR-1221-3

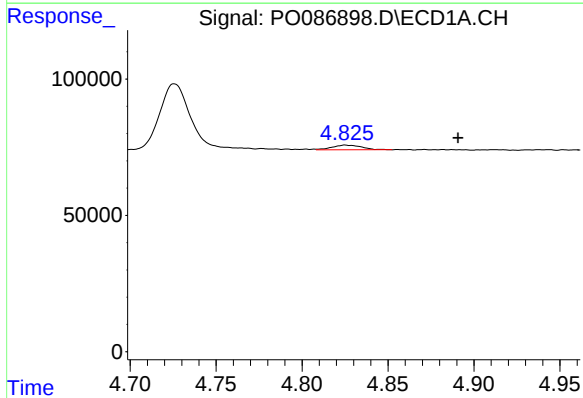
R.T.: 4.825 min
Delta R.T.: -0.066 min
Response: 20235
Conc: 12.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



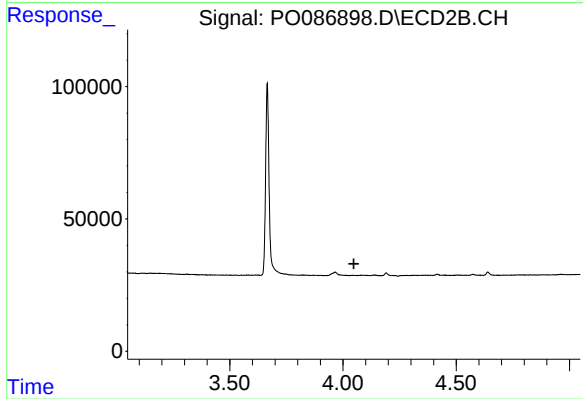
#10 AR-1221-3

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



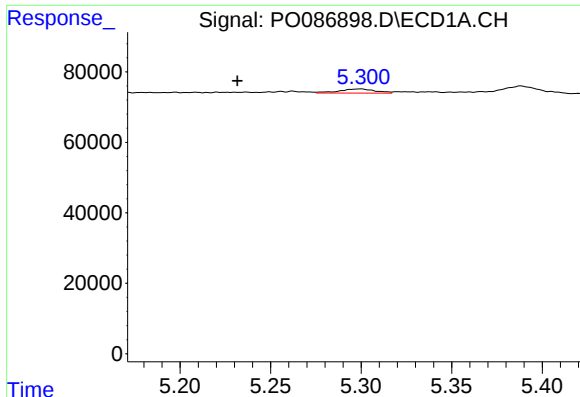
#11 AR-1232-1

R.T.: 4.825 min
Delta R.T.: -0.066 min
Response: 20235
Conc: 13.25 ng/ml



#11 AR-1232-1

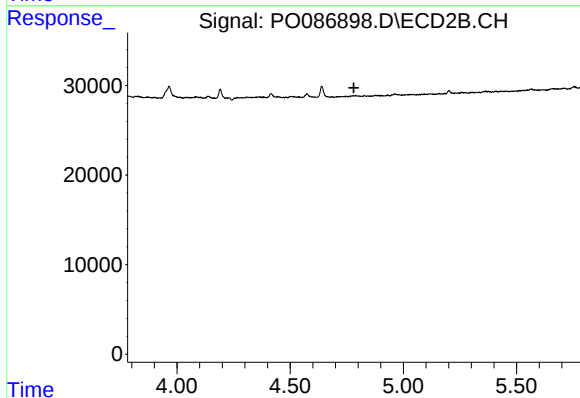
R.T.: 0.000 min
Exp R.T. : 4.048 min
Response: 0
Conc: N.D.



#12 AR-1232-2

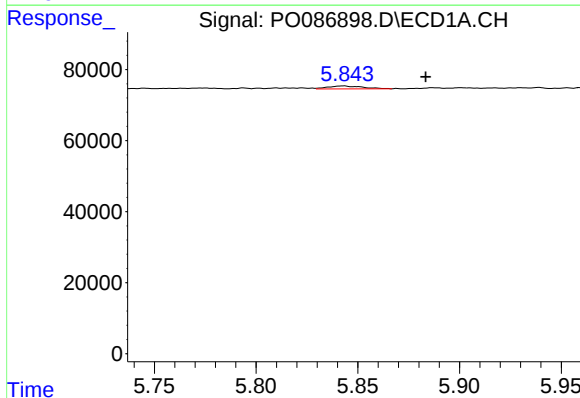
R.T.: 5.300 min
Delta R.T.: 0.068 min
Response: 16681
Conc: 23.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



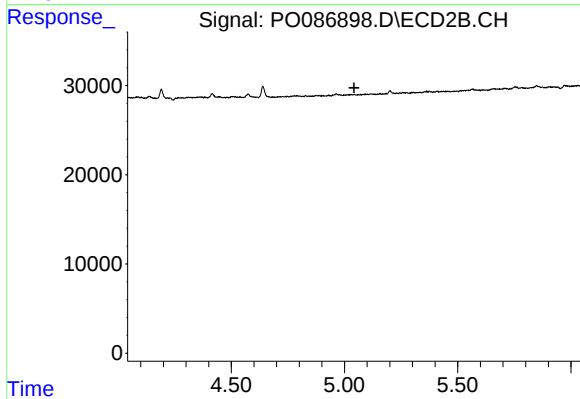
#12 AR-1232-2

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



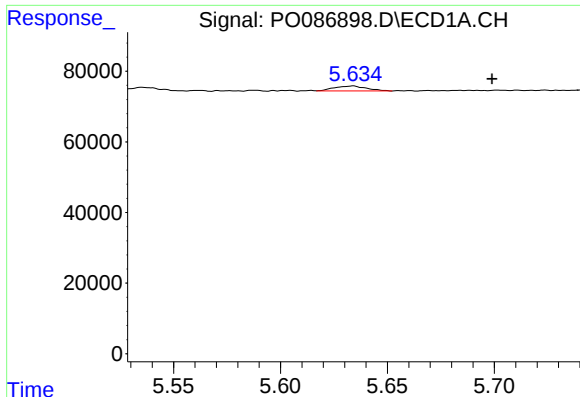
#14 AR-1232-4

R.T.: 5.843 min
Delta R.T.: -0.040 min
Response: 9577
Conc: 14.66 ng/ml



#14 AR-1232-4

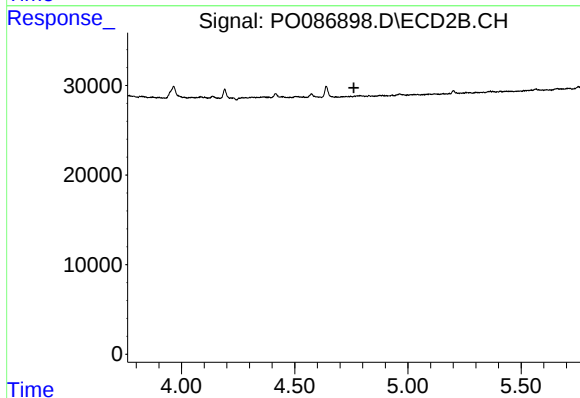
R.T.: 0.000 min
Exp R.T. : 5.042 min
Response: 0
Conc: N.D.



#16 AR-1242-1

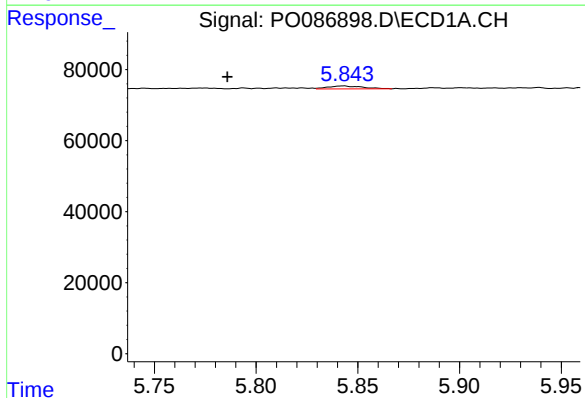
R.T.: 5.634 min
Delta R.T.: -0.065 min
Response: 14610
Conc: 9.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



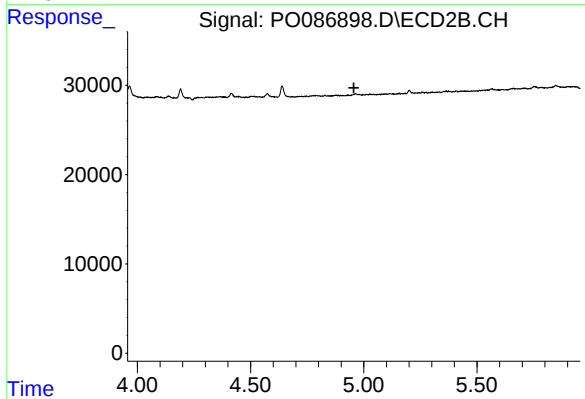
#16 AR-1242-1

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



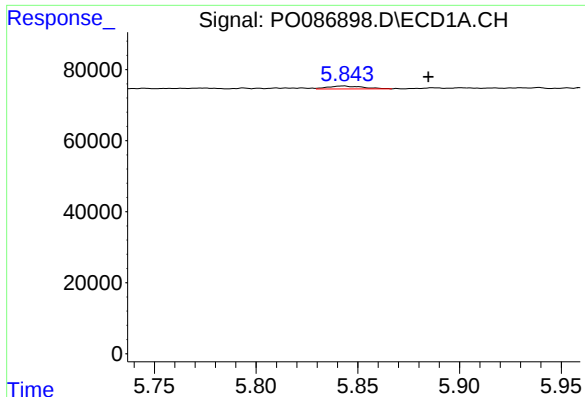
#18 AR-1242-3

R.T.: 5.843 min
Delta R.T.: 0.057 min
Response: 9577
Conc: 6.74 ng/ml



#18 AR-1242-3

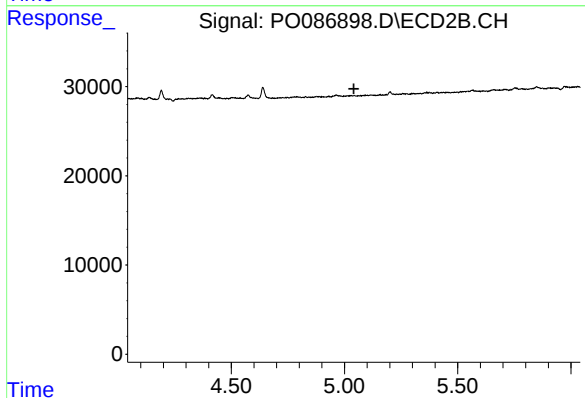
R.T.: 0.000 min
Exp R.T. : 4.956 min
Response: 0
Conc: N.D.



#19 AR-1242-4

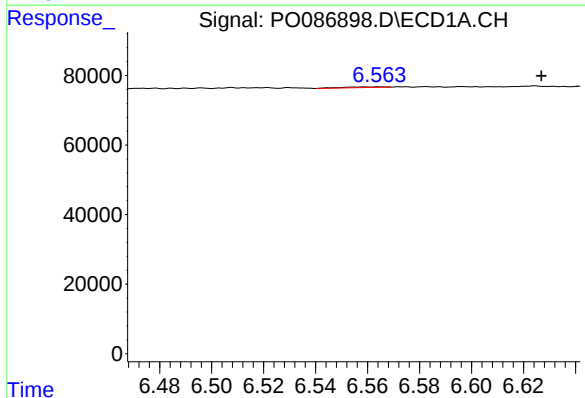
R.T.: 5.843 min
Delta R.T.: -0.041 min
Response: 9577
Conc: 8.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



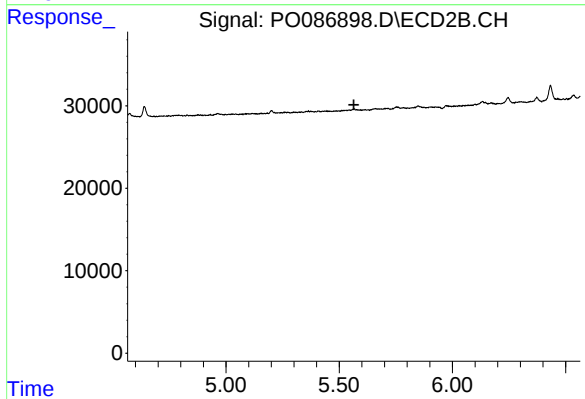
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.041 min
Response: 0
Conc: N.D.



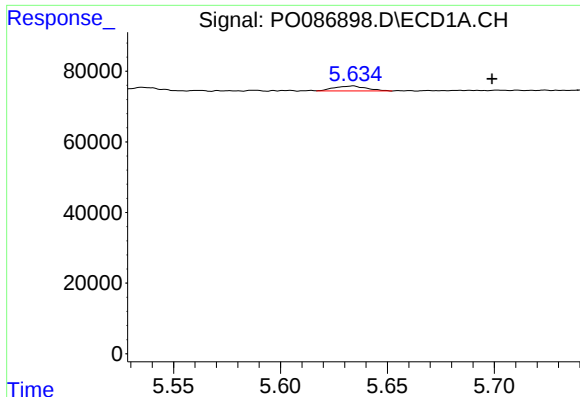
#20 AR-1242-5

R.T.: 6.564 min
Delta R.T.: -0.062 min
Response: 2028
Conc: 1.72 ng/ml



#20 AR-1242-5

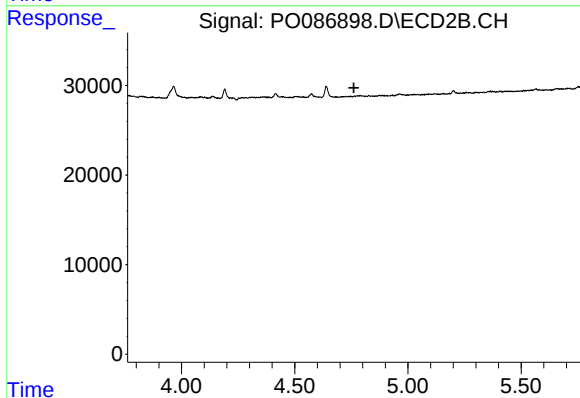
R.T.: 0.000 min
Exp R.T. : 5.564 min
Response: 0
Conc: N.D.



#21 AR-1248-1

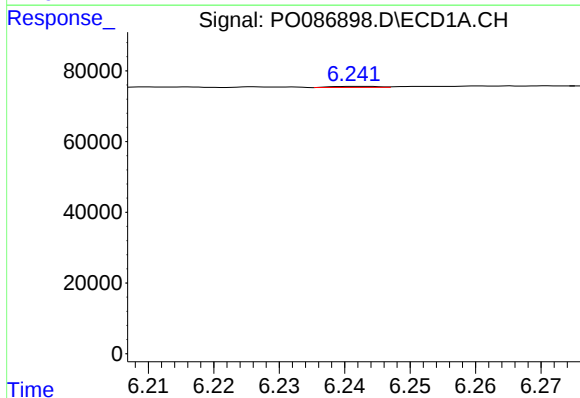
R.T.: 5.634 min
Delta R.T.: -0.065 min
Response: 14610
Conc: 11.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



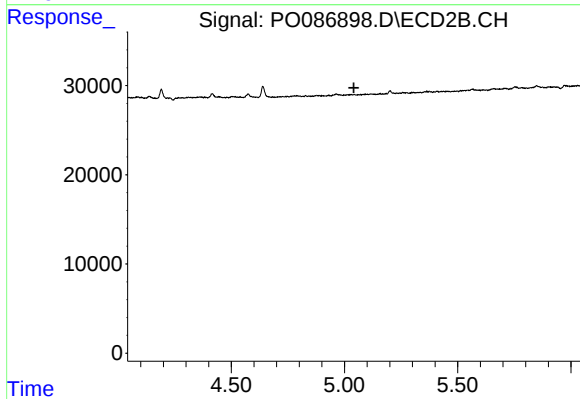
#21 AR-1248-1

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



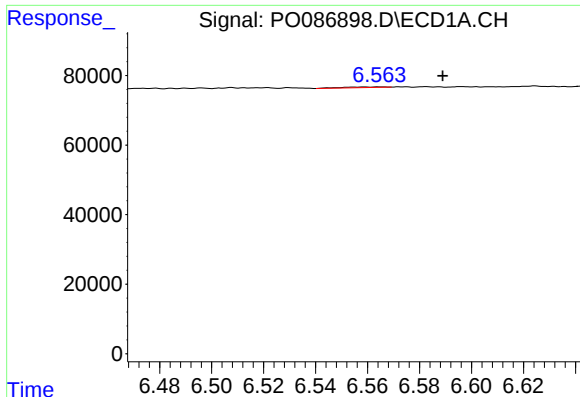
#23 AR-1248-3

R.T.: 6.242 min
Delta R.T.: 0.059 min
Response: 1507
Conc: 0.78 ng/ml



#23 AR-1248-3

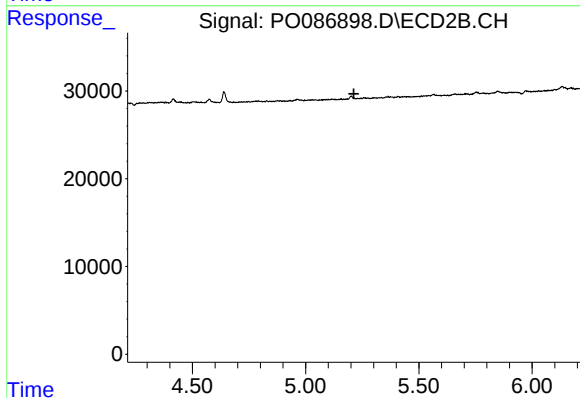
R.T.: 0.000 min
Exp R.T. : 5.041 min
Response: 0
Conc: N.D.



#24 AR-1248-4

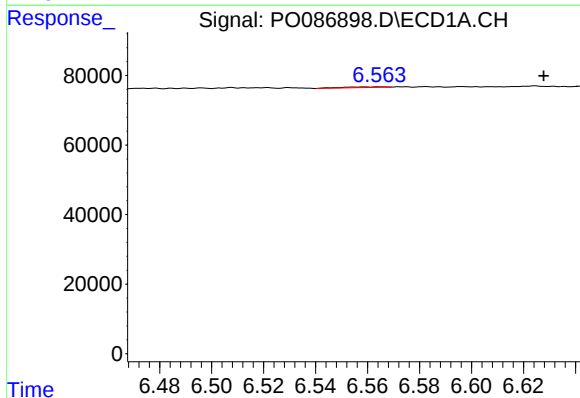
R.T.: 6.564 min
Delta R.T.: -0.024 min
Response: 2028
Conc: 0.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



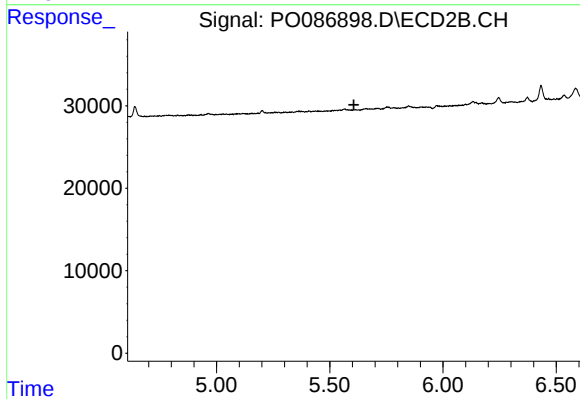
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.213 min
Response: 0
Conc: N.D.



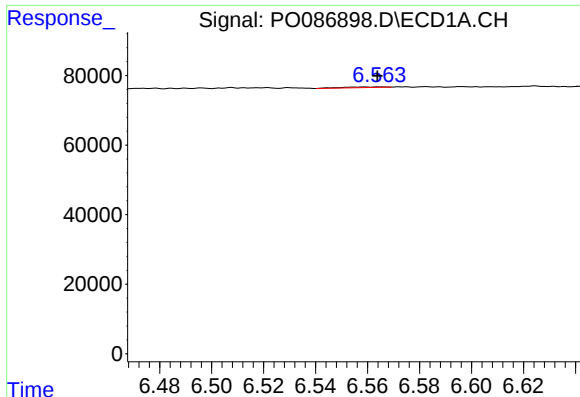
#25 AR-1248-5

R.T.: 6.564 min
Delta R.T.: -0.063 min
Response: 2028
Conc: 0.99 ng/ml



#25 AR-1248-5

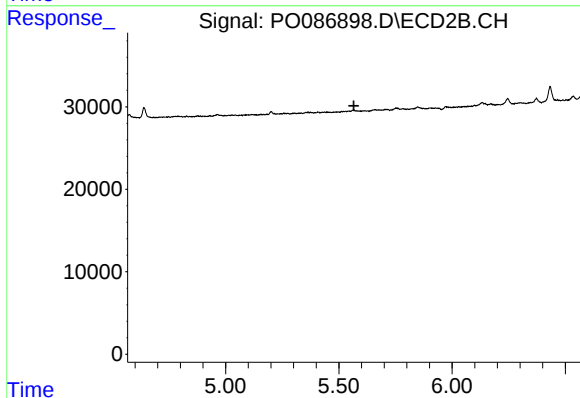
R.T.: 0.000 min
Exp R.T. : 5.606 min
Response: 0
Conc: N.D.



#26 AR-1254-1

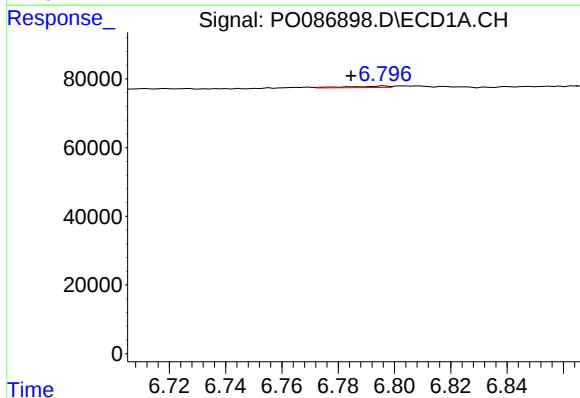
R.T.: 6.564 min
Delta R.T.: 0.000 min
Response: 2028
Conc: 0.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



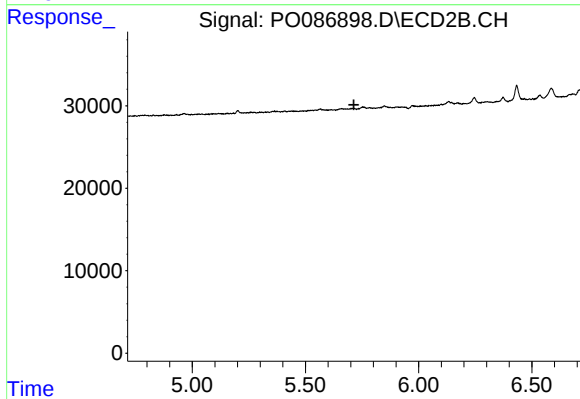
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 5.567 min
Response: 0
Conc: N.D.



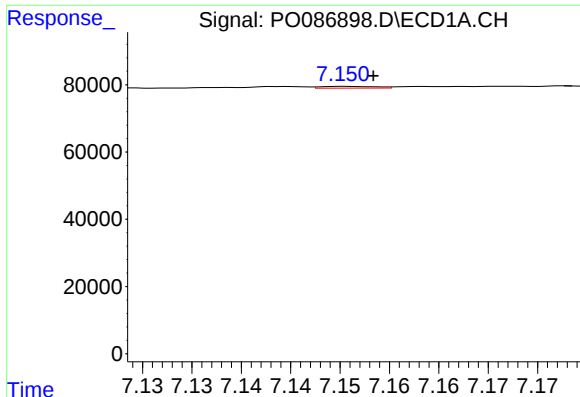
#27 AR-1254-2

R.T.: 6.796 min
Delta R.T.: 0.012 min
Response: 4027
Conc: 1.18 ng/ml



#27 AR-1254-2

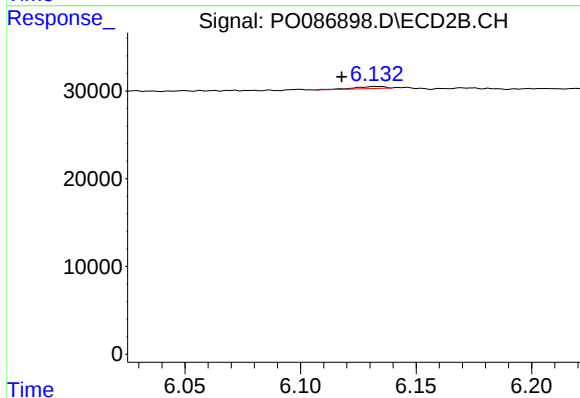
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#28 AR-1254-3

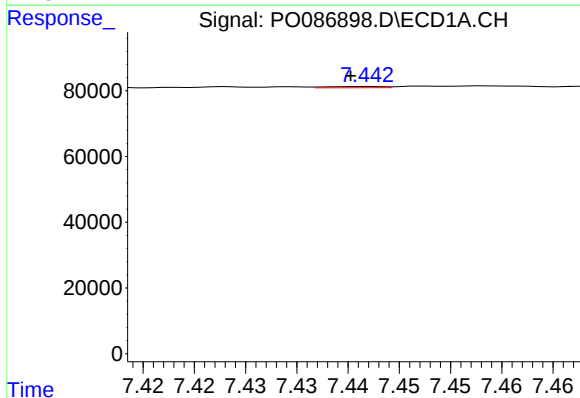
R.T.: 7.150 min
Delta R.T.: -0.003 min
Response: 2096
Conc: 0.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



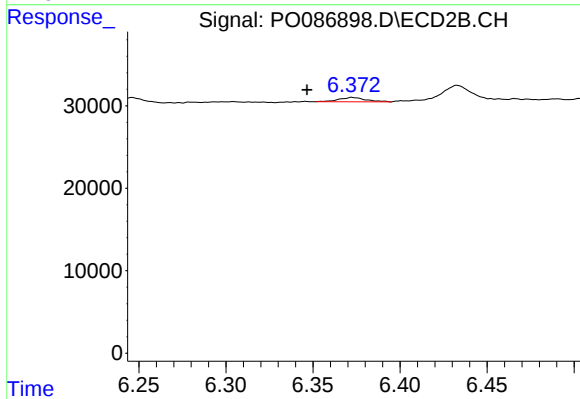
#28 AR-1254-3

R.T.: 6.133 min
Delta R.T.: 0.015 min
Response: 2111
Conc: 1.05 ng/ml



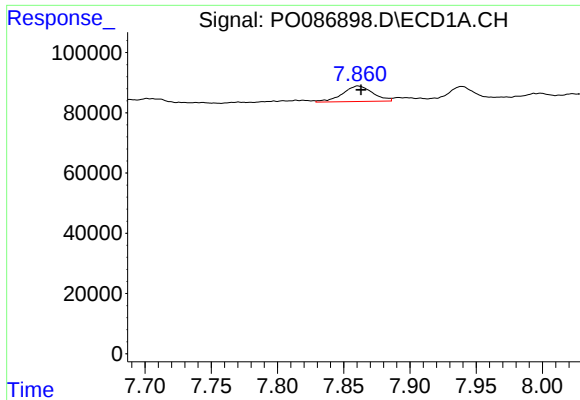
#29 AR-1254-4

R.T.: 7.442 min
Delta R.T.: 0.001 min
Response: 1444
Conc: 0.56 ng/ml



#29 AR-1254-4

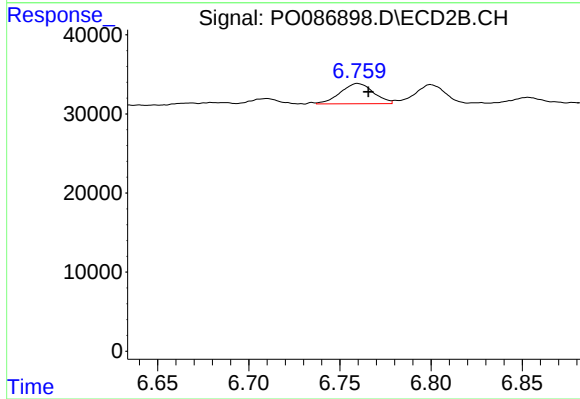
R.T.: 6.372 min
Delta R.T.: 0.026 min
Response: 5838
Conc: 4.73 ng/ml



#30 AR-1254-5

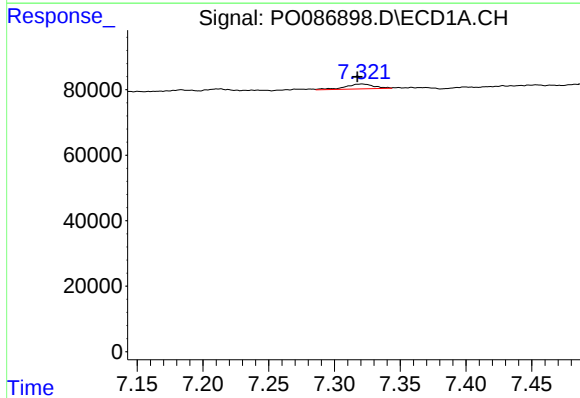
R.T.: 7.861 min
Delta R.T.: -0.002 min
Response: 82471
Conc: 29.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



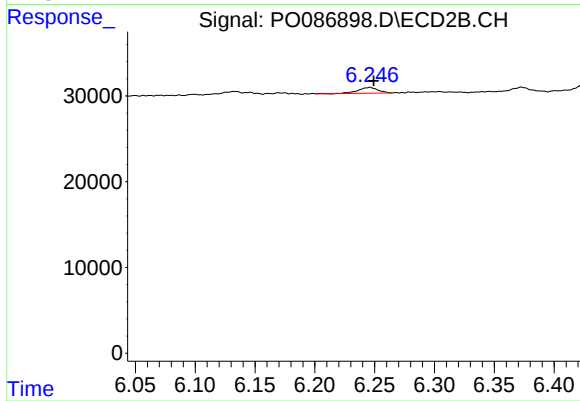
#30 AR-1254-5

R.T.: 6.760 min
Delta R.T.: -0.006 min
Response: 32399
Conc: 18.70 ng/ml



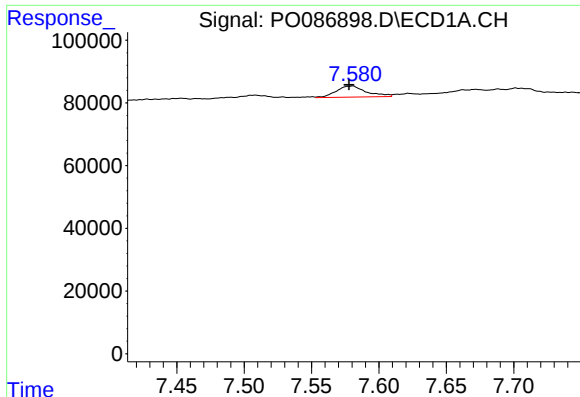
#31 AR-1260-1

R.T.: 7.321 min
Delta R.T.: 0.004 min
Response: 23196
Conc: 9.35 ng/ml



#31 AR-1260-1

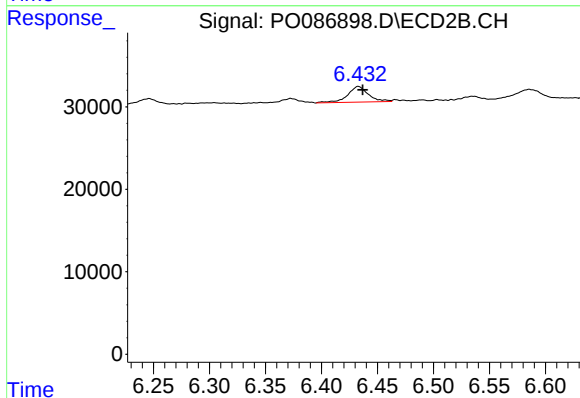
R.T.: 6.246 min
Delta R.T.: -0.003 min
Response: 7755
Conc: 5.99 ng/ml



#32 AR-1260-2

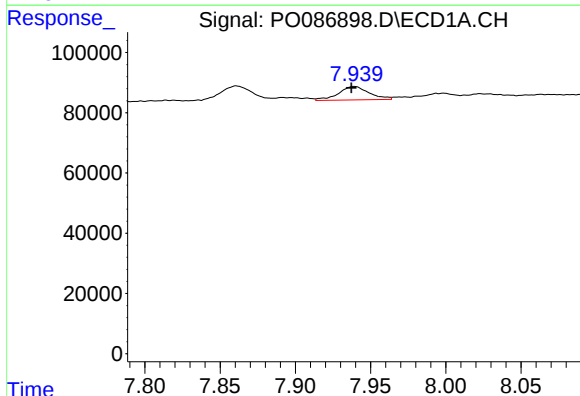
R.T.: 7.581 min
Delta R.T.: 0.003 min
Response: 55455
Conc: 16.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



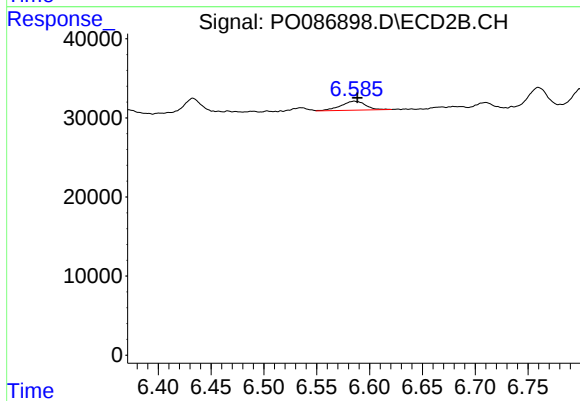
#32 AR-1260-2

R.T.: 6.433 min
Delta R.T.: -0.004 min
Response: 24670
Conc: 15.97 ng/ml



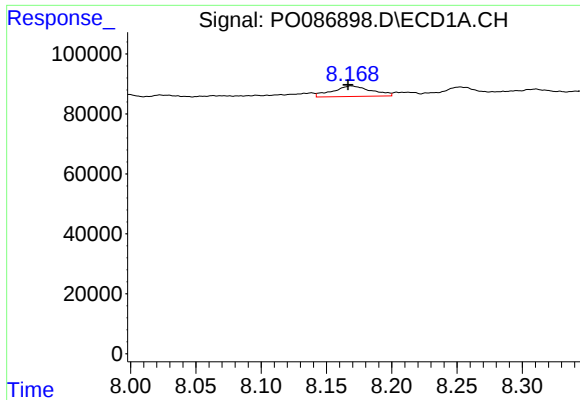
#33 AR-1260-3

R.T.: 7.939 min
Delta R.T.: 0.002 min
Response: 63506
Conc: 29.39 ng/ml



#33 AR-1260-3

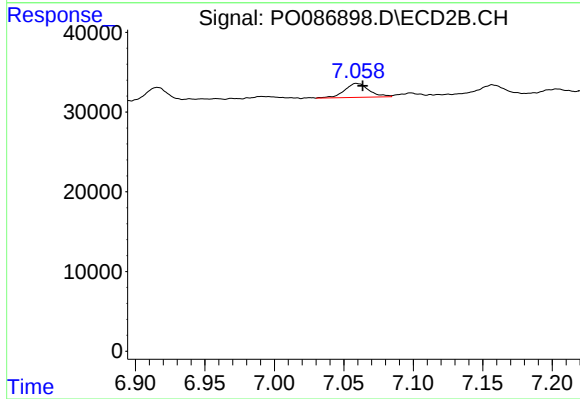
R.T.: 6.586 min
Delta R.T.: -0.003 min
Response: 18381
Conc: 10.58 ng/ml



#34 AR-1260-4

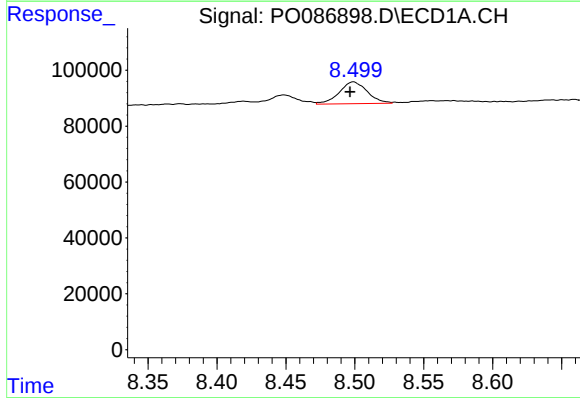
R.T.: 8.169 min
Delta R.T.: 0.002 min
Response: 73153
Conc: 28.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



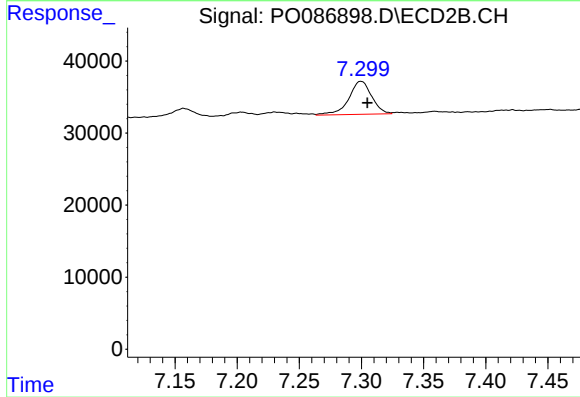
#34 AR-1260-4

R.T.: 7.059 min
Delta R.T.: -0.005 min
Response: 21481
Conc: 18.87 ng/ml



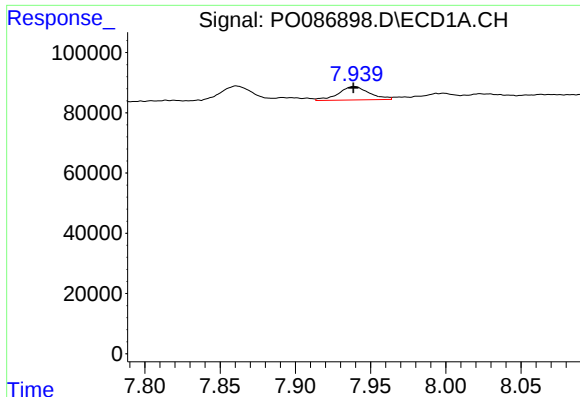
#35 AR-1260-5

R.T.: 8.499 min
Delta R.T.: 0.003 min
Response: 110979
Conc: 23.35 ng/ml



#35 AR-1260-5

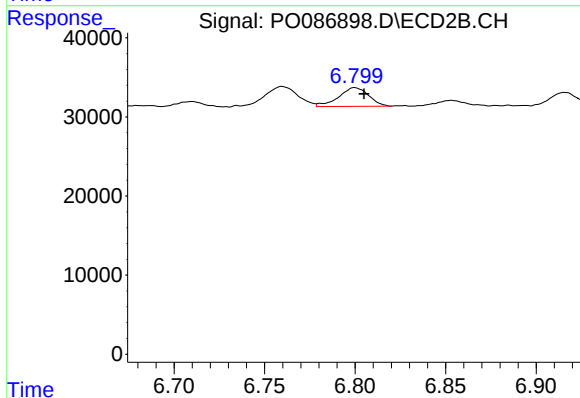
R.T.: 7.300 min
Delta R.T.: -0.005 min
Response: 58967
Conc: 22.20 ng/ml



#36 AR-1262-1

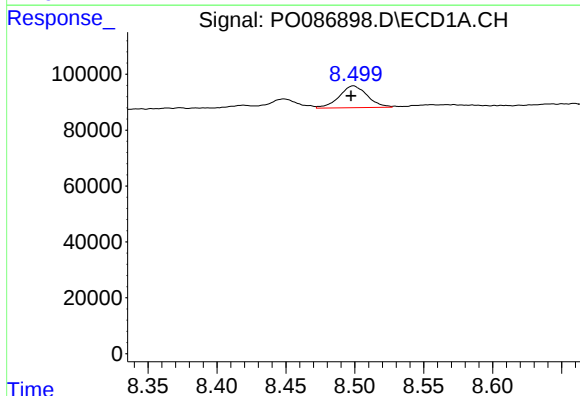
R.T.: 7.939 min
Delta R.T.: 0.000 min
Response: 63506
Conc: 19.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



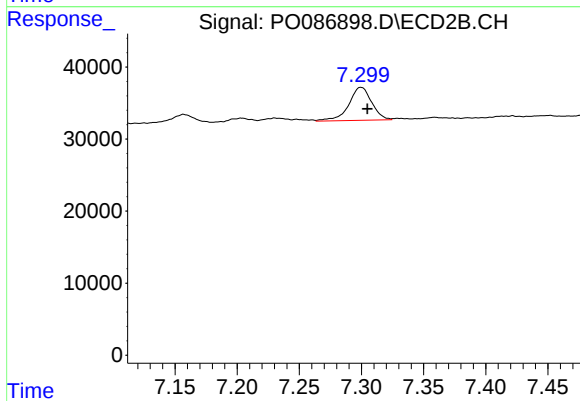
#36 AR-1262-1

R.T.: 6.800 min
Delta R.T.: -0.005 min
Response: 27230
Conc: 15.75 ng/ml



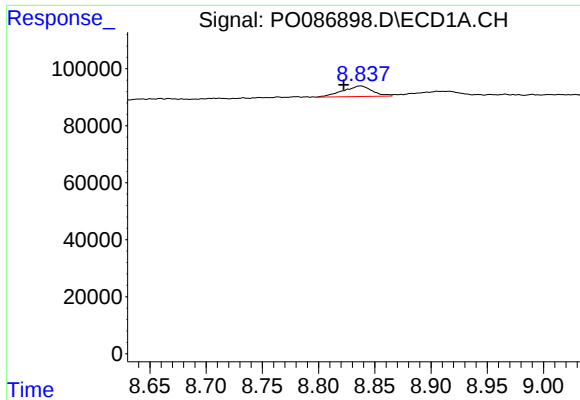
#37 AR-1262-2

R.T.: 8.499 min
Delta R.T.: 0.002 min
Response: 110979
Conc: 19.40 ng/ml



#37 AR-1262-2

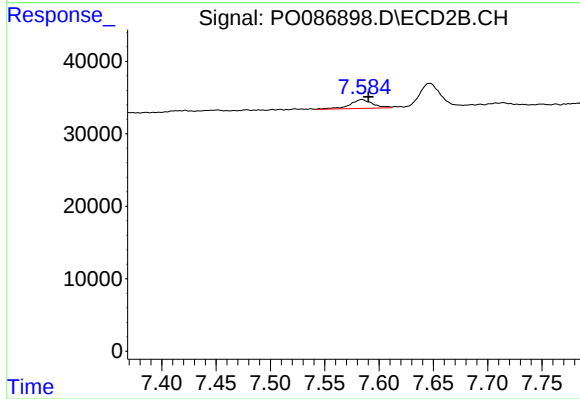
R.T.: 7.300 min
Delta R.T.: -0.005 min
Response: 58967
Conc: 19.64 ng/ml



#38 AR-1262-3

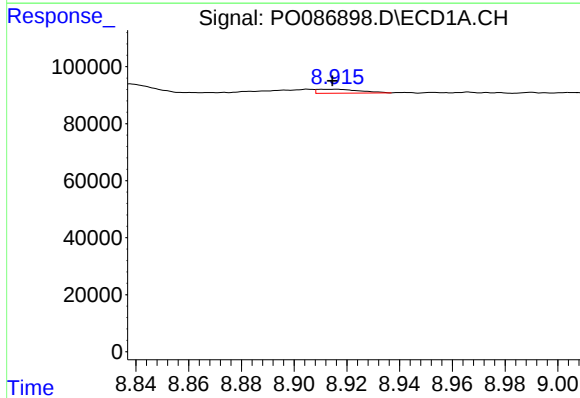
R.T.: 8.837 min
Delta R.T.: 0.015 min
Response: 67995
Conc: 17.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



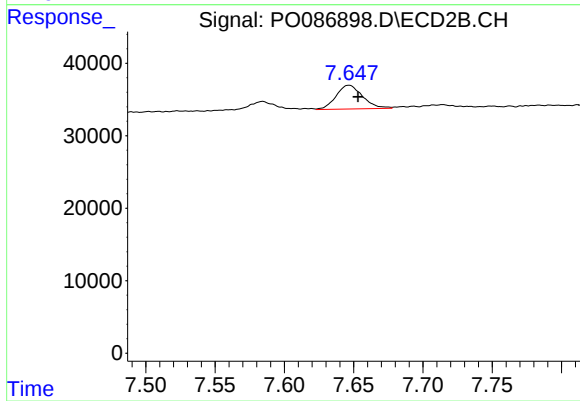
#38 AR-1262-3

R.T.: 7.584 min
Delta R.T.: -0.006 min
Response: 18132
Conc: 15.12 ng/ml



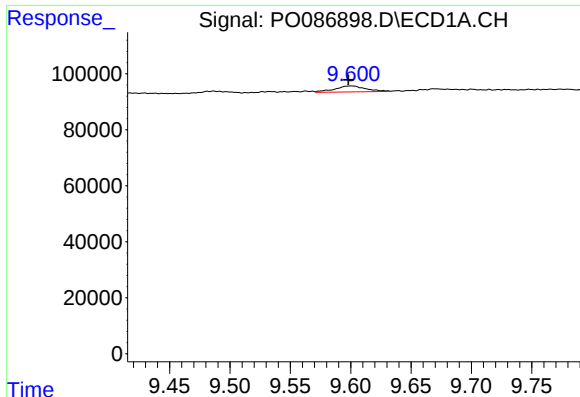
#39 AR-1262-4

R.T.: 8.916 min
Delta R.T.: 0.002 min
Response: 15672
Conc: 5.23 ng/ml



#39 AR-1262-4

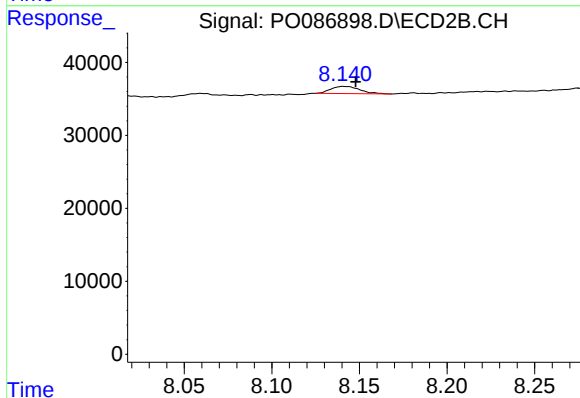
R.T.: 7.647 min
Delta R.T.: -0.007 min
Response: 43480
Conc: 19.89 ng/ml



#40 AR-1262-5

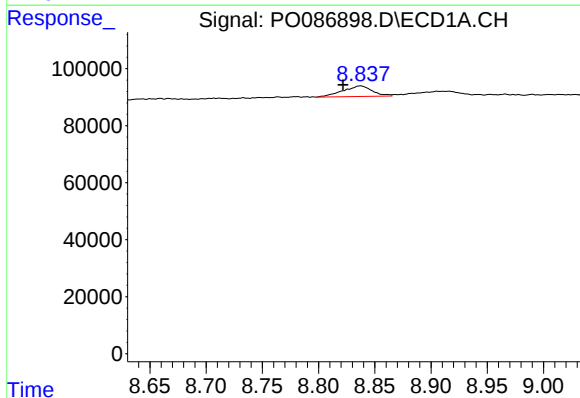
R.T.: 9.601 min
Delta R.T.: 0.003 min
Response: 38616
Conc: 18.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



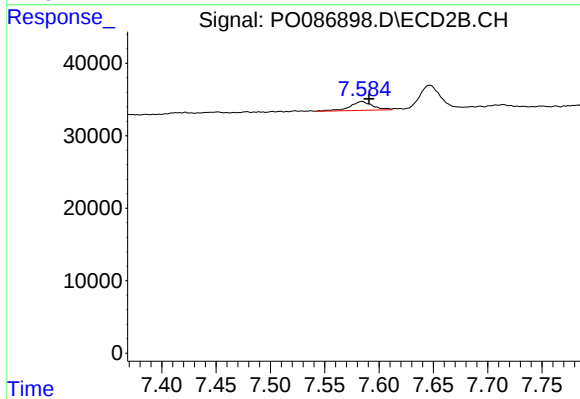
#40 AR-1262-5

R.T.: 8.141 min
Delta R.T.: -0.007 min
Response: 11382
Conc: 11.29 ng/ml



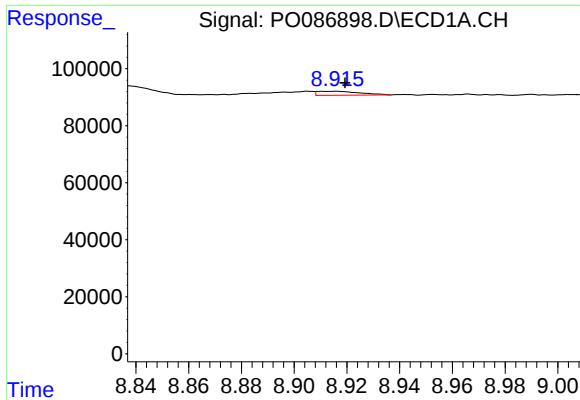
#41 AR-1268-1

R.T.: 8.837 min
Delta R.T.: 0.016 min
Response: 67995
Conc: 9.68 ng/ml



#41 AR-1268-1

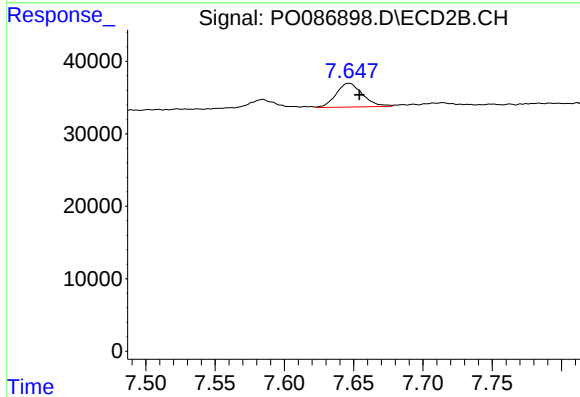
R.T.: 7.584 min
Delta R.T.: -0.006 min
Response: 18132
Conc: 5.29 ng/ml



#42 AR-1268-2

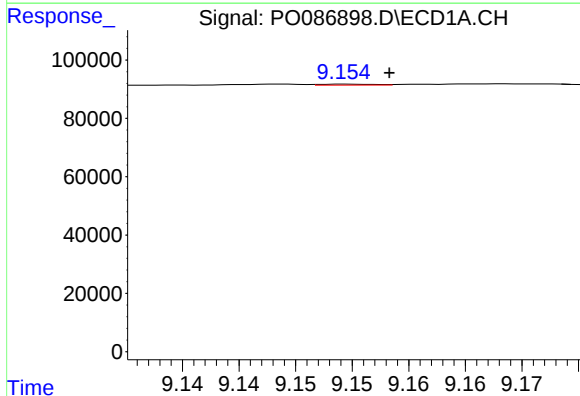
R.T.: 8.916 min
Delta R.T.: -0.003 min
Response: 15672
Conc: 2.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



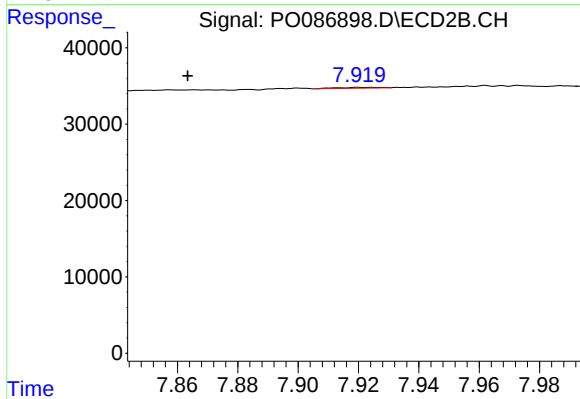
#42 AR-1268-2

R.T.: 7.647 min
Delta R.T.: -0.008 min
Response: 43480
Conc: 13.86 ng/ml



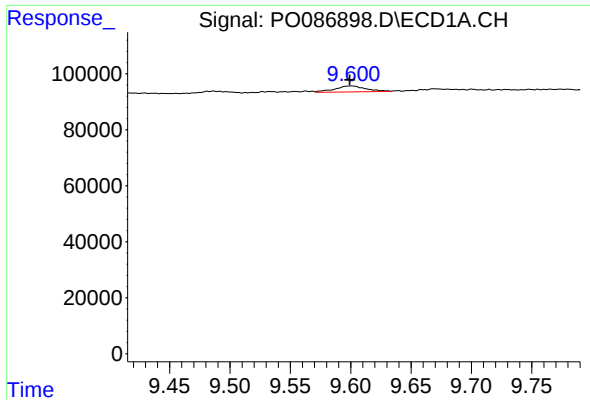
#43 AR-1268-3

R.T.: 9.155 min
Delta R.T.: -0.004 min
Response: 1021
Conc: 0.19 ng/ml



#43 AR-1268-3

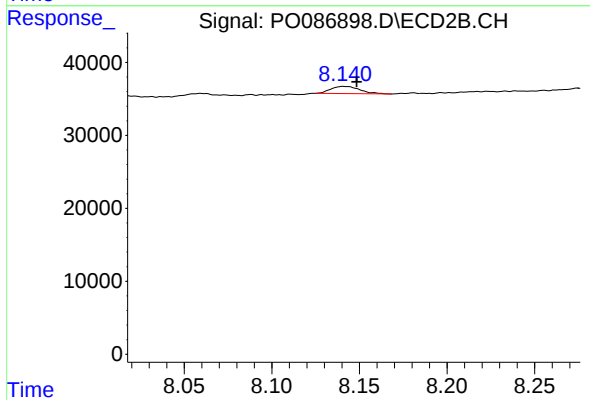
R.T.: 7.920 min
Delta R.T.: 0.056 min
Response: 1166
Conc: 0.44 ng/ml



#44 AR-1268-4

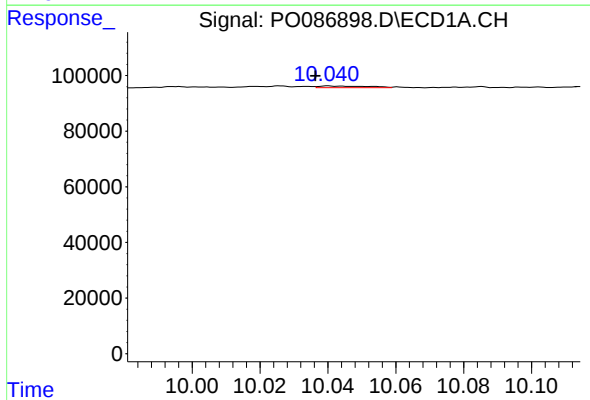
R.T.: 9.601 min
Delta R.T.: 0.002 min
Response: 38616
Conc: 16.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



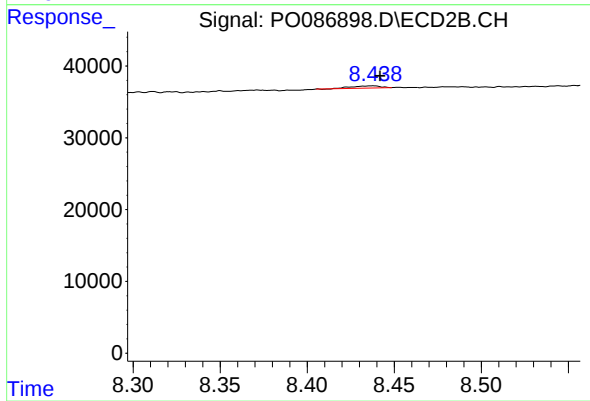
#44 AR-1268-4

R.T.: 8.141 min
Delta R.T.: -0.007 min
Response: 11382
Conc: 9.96 ng/ml



#45 AR-1268-5

R.T.: 10.040 min
Delta R.T.: 0.004 min
Response: 6211
Conc: 0.35 ng/ml



#45 AR-1268-5

R.T.: 8.438 min
Delta R.T.: -0.004 min
Response: 3498
Conc: 0.40 ng/ml