

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100219\
 Data File : PO061616.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 03 Oct 2019 1:15
 Operator : HP/AJ
 Sample : K4946-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 04:31:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 01 15:34:04 2019
 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...	4.367	3.527	1092360	839827	26.634	25.969
2)	SA Decachlor...	10.029	8.393	743154	493088	15.957	15.230
Target Compounds							
3)	L1 AR-1016-1	5.558	0.000	955	0	0.521	N.D. #
4)	L1 AR-1016-2	5.558	0.000	955	0	0.369	N.D. #
5)	L1 AR-1016-3	5.601	0.000	6665	0	4.149	N.D. #
6)	L1 AR-1016-4	5.707	0.000	678	0	0.507	N.D. #
7)	L1 AR-1016-5	6.071	4.957	2306	406	1.682	0.356 #
9)	L2 AR-1221-2	4.672	3.817	16918	13629	47.122	44.193
10)	L2 AR-1221-3	4.750	3.932	5391	456	4.735	0.500 #
11)	L3 AR-1232-1	4.750	3.932	5391	456	3.855	0.406 #
12)	L3 AR-1232-2	5.271	0.000	8609	0	10.973	N.D. #
13)	L3 AR-1232-3	5.558	0.000	955	0	0.559	N.D. #
14)	L3 AR-1232-4	5.707	0.000	678	0	0.766	N.D. #
15)	L3 AR-1232-5	5.807	4.957	1961	406	2.828	0.592 #
16)	L4 AR-1242-1	5.558	0.000	955	0	0.672	N.D. #
17)	L4 AR-1242-2	5.558	0.000	955	0	0.475	N.D. #
18)	L4 AR-1242-3	5.601	0.000	6665	0	5.282	N.D. #
19)	L4 AR-1242-4	5.707	0.000	678	0	0.645	N.D. #
20)	L4 AR-1242-5	6.444	0.000	3759	0	2.810	N.D. #
21)	L5 AR-1248-1	5.558	0.000	955	0	0.813	N.D. #
22)	L5 AR-1248-2	5.807	0.000	1961	0	1.162	N.D. #
23)	L5 AR-1248-3	6.071	0.000	2306	0	1.234	N.D. #
24)	L5 AR-1248-4	6.392	4.957	8905	406	3.769	0.270 #
25)	L5 AR-1248-5	6.444	0.000	3759	0	1.658	N.D. #
26)	L6 AR-1254-1	6.392	0.000	8905	0	3.903	N.D. #
27)	L6 AR-1254-2	6.606	5.552	65734	34998	18.194	17.852
28)	L6 AR-1254-3	6.971	0.000	13274	0	3.397	N.D. #
29)	L6 AR-1254-4	7.249	0.000	10787	0	3.562	N.D. #
30)	L6 AR-1254-5	7.665	0.000	78086	0	24.865	N.D. #
31)	L7 AR-1260-1	7.127	6.020	3569	5027	1.367	2.464 #
32)	L7 AR-1260-2	7.379	0.000	33042	0	10.364	N.D. #
33)	L7 AR-1260-3	7.739	6.422	31210	3700	12.994	1.642 #
34)	L7 AR-1260-4	7.964	6.821	62102	3986	23.241	2.159 #
35)	L7 AR-1260-5	8.277	0.000	57524	0	11.626	N.D. #
36)	L8 AR-1262-1	7.739	0.000	31210	0	8.146	N.D. #
37)	L8 AR-1262-2	8.277	0.000	57524	0	9.266	N.D. #
38)	L8 AR-1262-3	8.586	7.400	36874	4310	8.872	2.288 #
39)	L8 AR-1262-4	8.682	7.400	124905	4310	39.566	1.282 #
40)	L8 AR-1262-5	9.311	0.000	11418	0	5.615	N.D. #
41)	L9 AR-1268-1	8.586	7.400	36874	4310	5.484	0.893 #
42)	L9 AR-1268-2	8.682	7.400	124905	4310	20.171	1.000 #

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 Acq On : 03 Oct 2019 1:15
 Operator : HP/AJ
 Sample : K4946-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

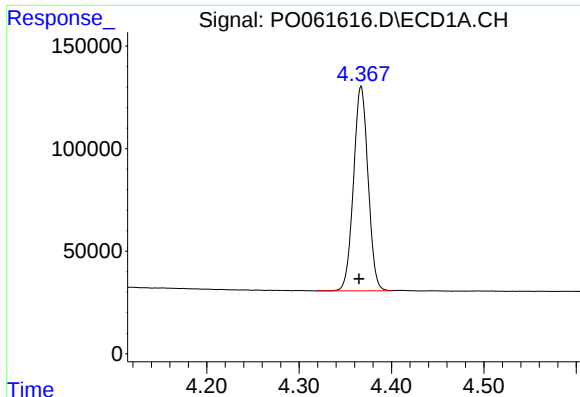
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 04:31:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100119.M
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	8.887	7.606	30558	6493	5.978	1.812 #
44) L9	AR-1268-4	9.311	0.000	11418	0	5.222	N.D. #
45) L9	AR-1268-5	9.706	8.159	18798	23849	1.251	2.372 #

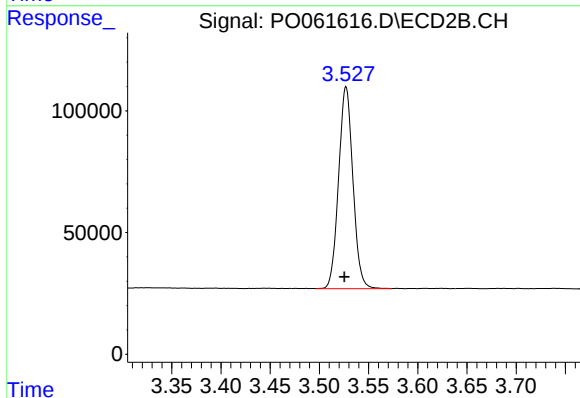
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

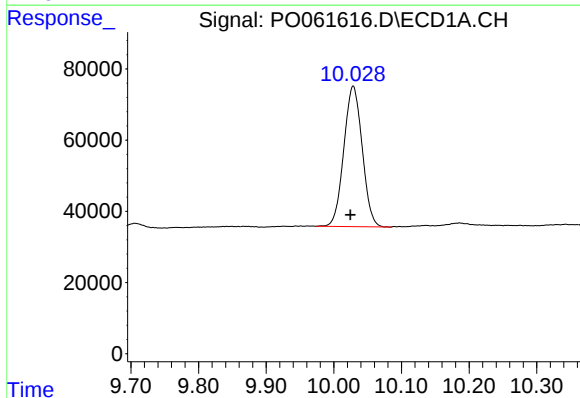
R.T.: 4.367 min
Delta R.T.: 0.002 min
Response: 1092360
Conc: 26.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



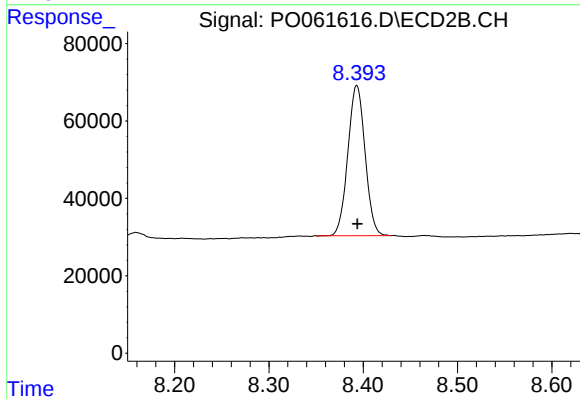
#1 Tetrachloro-m-xylene

R.T.: 3.527 min
Delta R.T.: 0.002 min
Response: 839827
Conc: 25.97 ng/ml



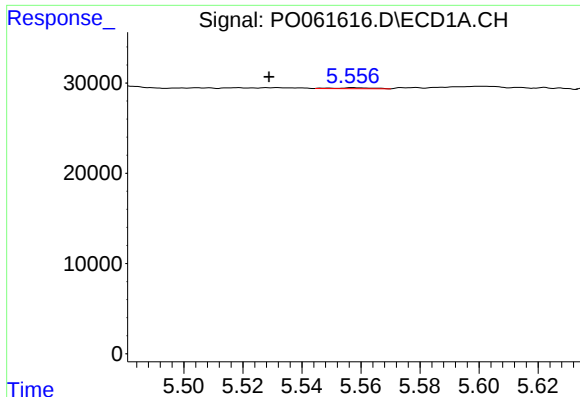
#2 Decachlorobiphenyl

R.T.: 10.029 min
Delta R.T.: 0.004 min
Response: 743154
Conc: 15.96 ng/ml



#2 Decachlorobiphenyl

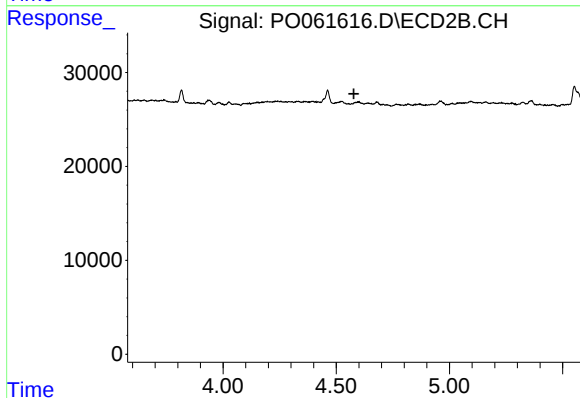
R.T.: 8.393 min
Delta R.T.: 0.000 min
Response: 493088
Conc: 15.23 ng/ml



#3 AR-1016-1

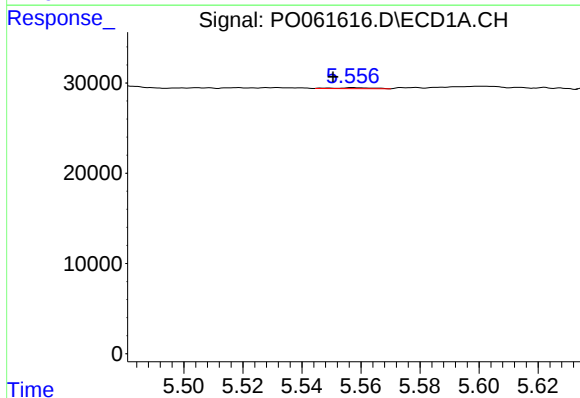
R.T.: 5.558 min
Delta R.T.: 0.029 min
Response: 955
Conc: 0.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



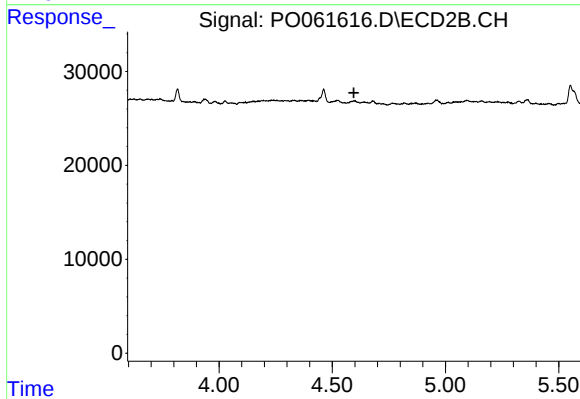
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.578 min
Response: 0
Conc: N.D.



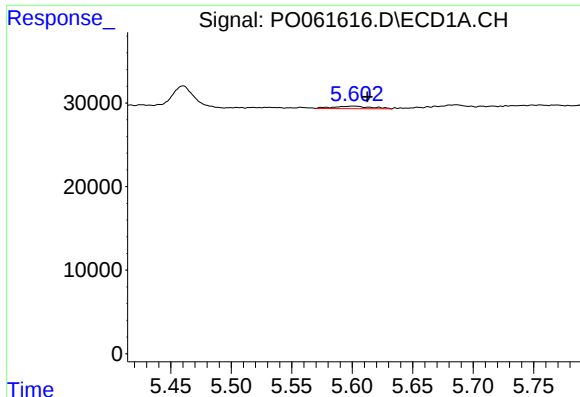
#4 AR-1016-2

R.T.: 5.558 min
Delta R.T.: 0.007 min
Response: 955
Conc: 0.37 ng/ml



#4 AR-1016-2

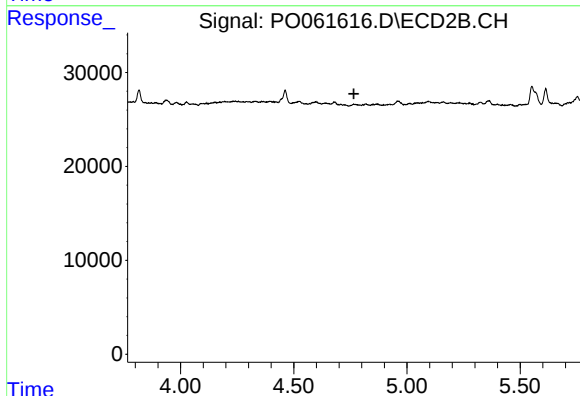
R.T.: 0.000 min
Exp R.T. : 4.595 min
Response: 0
Conc: N.D.



#5 AR-1016-3

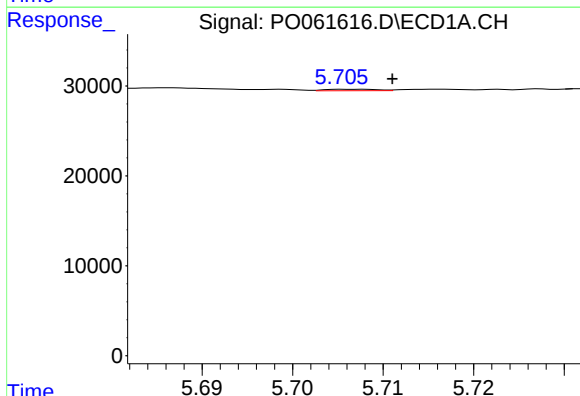
R.T.: 5.601 min
Delta R.T.: -0.012 min
Response: 6665
Conc: 4.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



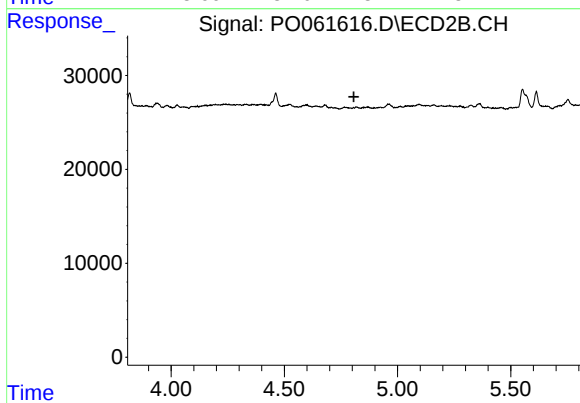
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.765 min
Response: 0
Conc: N.D.



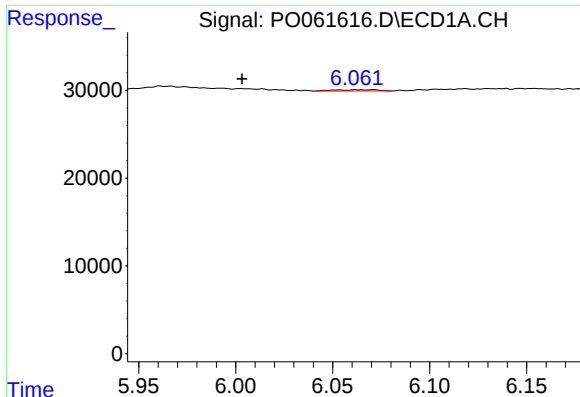
#6 AR-1016-4

R.T.: 5.707 min
Delta R.T.: -0.004 min
Response: 678
Conc: 0.51 ng/ml



#6 AR-1016-4

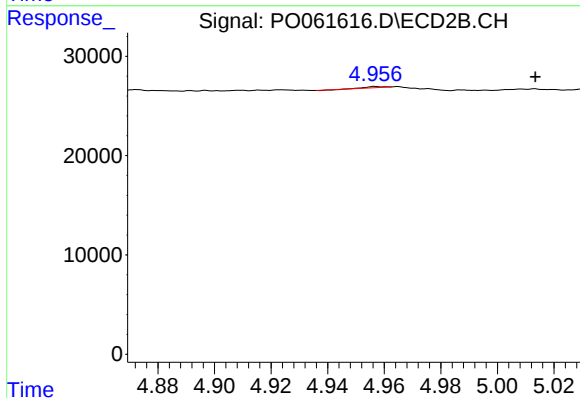
R.T.: 0.000 min
Exp R.T. : 4.808 min
Response: 0
Conc: N.D.



#7 AR-1016-5

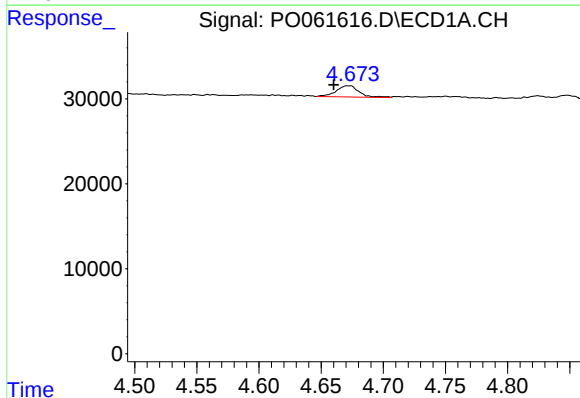
R.T.: 6.071 min
Delta R.T.: 0.068 min
Response: 2306
Conc: 1.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



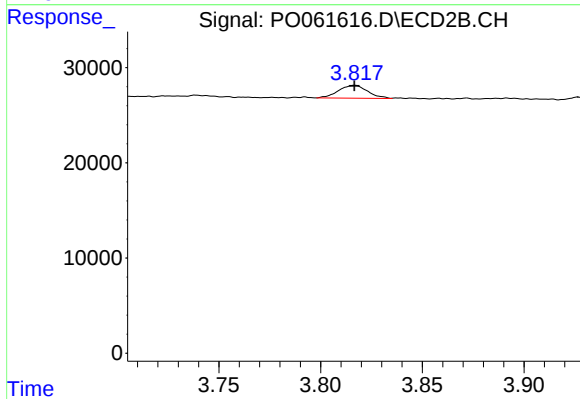
#7 AR-1016-5

R.T.: 4.957 min
Delta R.T.: -0.057 min
Response: 406
Conc: 0.36 ng/ml



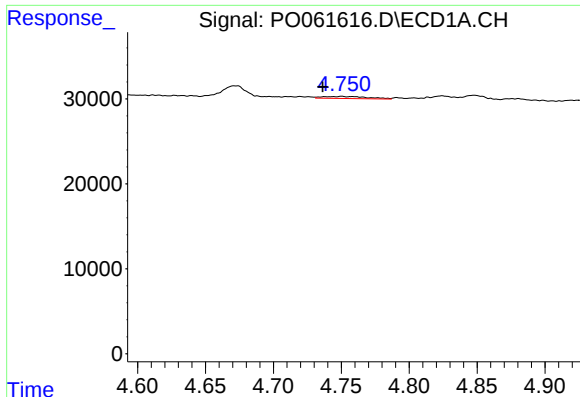
#9 AR-1221-2

R.T.: 4.672 min
Delta R.T.: 0.012 min
Response: 16918
Conc: 47.12 ng/ml



#9 AR-1221-2

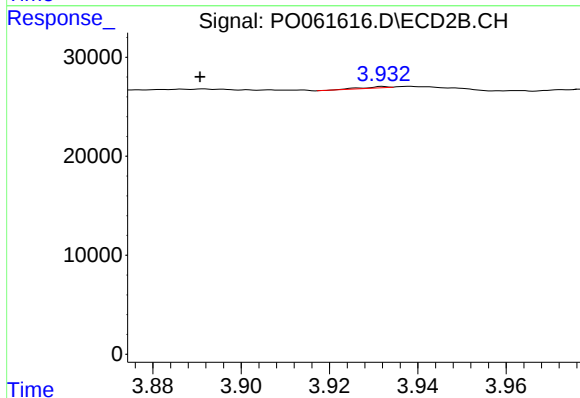
R.T.: 3.817 min
Delta R.T.: 0.000 min
Response: 13629
Conc: 44.19 ng/ml



#10 AR-1221-3

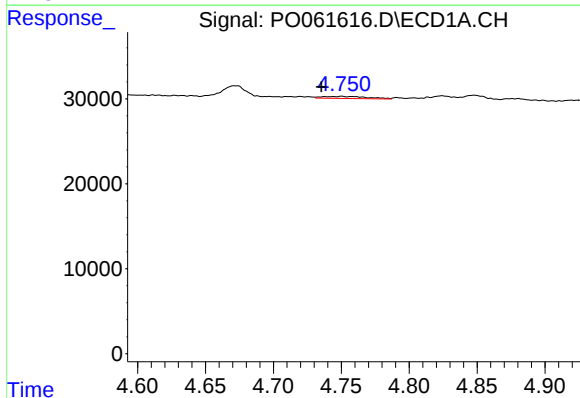
R.T.: 4.750 min
Delta R.T.: 0.014 min
Response: 5391
Conc: 4.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



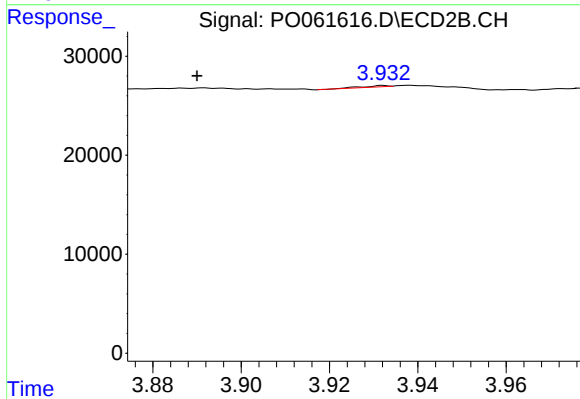
#10 AR-1221-3

R.T.: 3.932 min
Delta R.T.: 0.041 min
Response: 456
Conc: 0.50 ng/ml



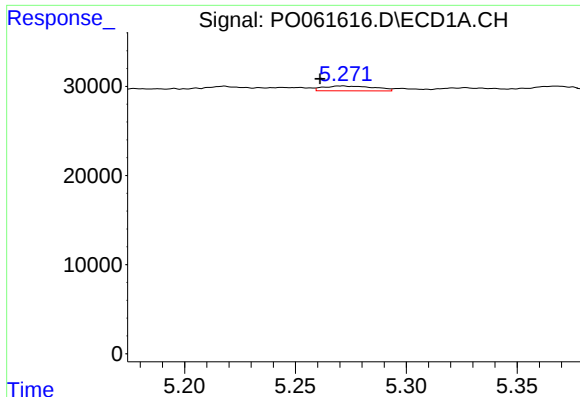
#11 AR-1232-1

R.T.: 4.750 min
Delta R.T.: 0.015 min
Response: 5391
Conc: 3.86 ng/ml



#11 AR-1232-1

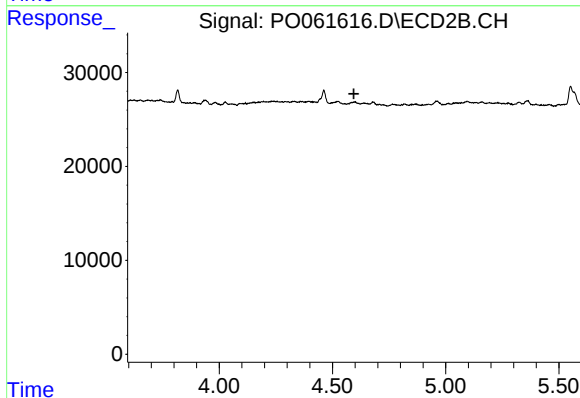
R.T.: 3.932 min
Delta R.T.: 0.042 min
Response: 456
Conc: 0.41 ng/ml



#12 AR-1232-2

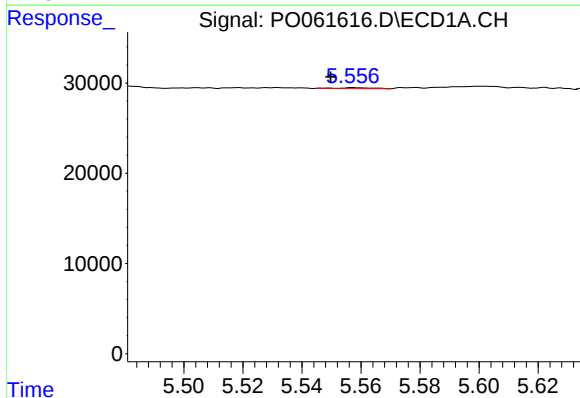
R.T.: 5.271 min
Delta R.T.: 0.010 min
Response: 8609
Conc: 10.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



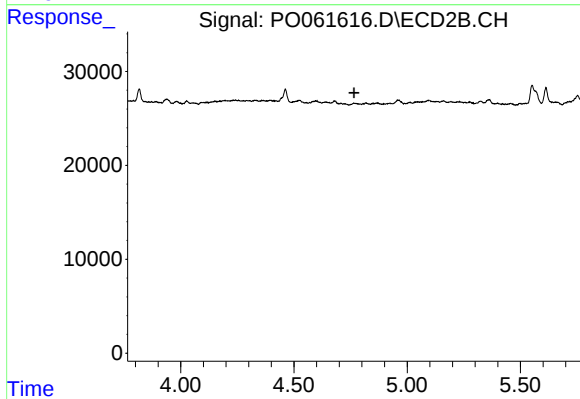
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.595 min
Response: 0
Conc: N.D.



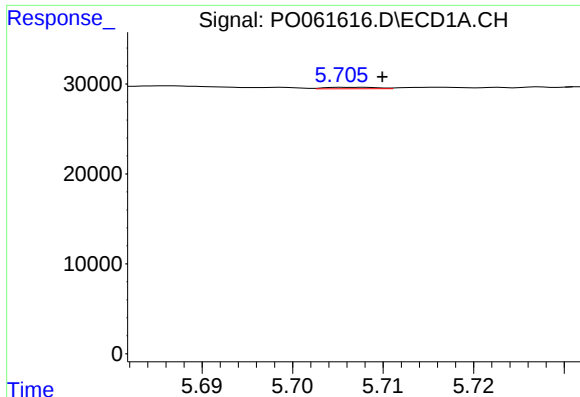
#13 AR-1232-3

R.T.: 5.558 min
Delta R.T.: 0.008 min
Response: 955
Conc: 0.56 ng/ml



#13 AR-1232-3

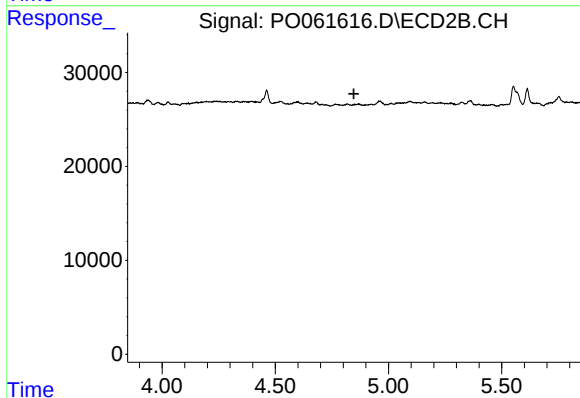
R.T.: 0.000 min
Exp R.T. : 4.765 min
Response: 0
Conc: N.D.



#14 AR-1232-4

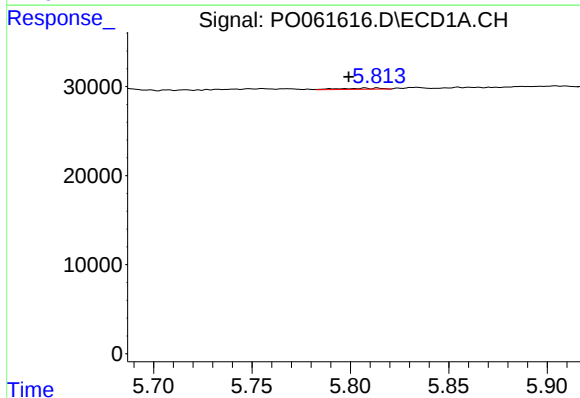
R.T.: 5.707 min
Delta R.T.: -0.003 min
Response: 678
Conc: 0.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



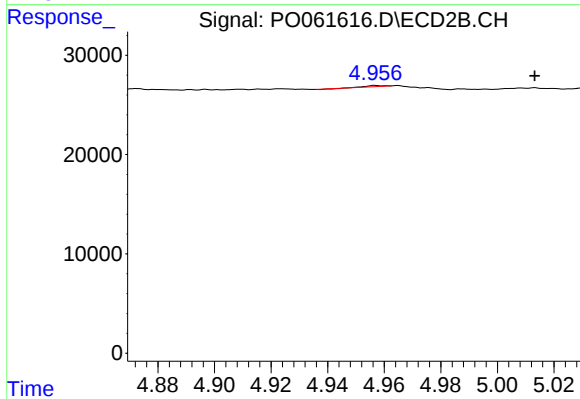
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 4.847 min
Response: 0
Conc: N.D.



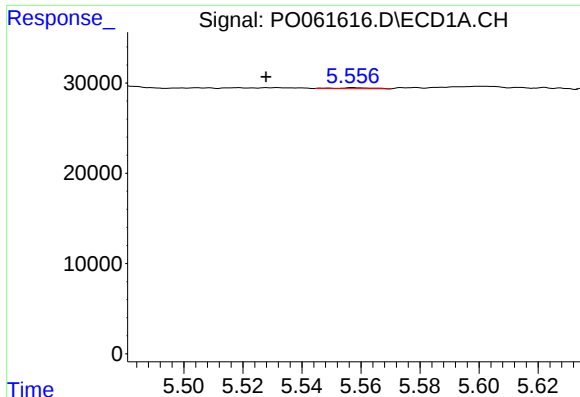
#15 AR-1232-5

R.T.: 5.807 min
Delta R.T.: 0.008 min
Response: 1961
Conc: 2.83 ng/ml



#15 AR-1232-5

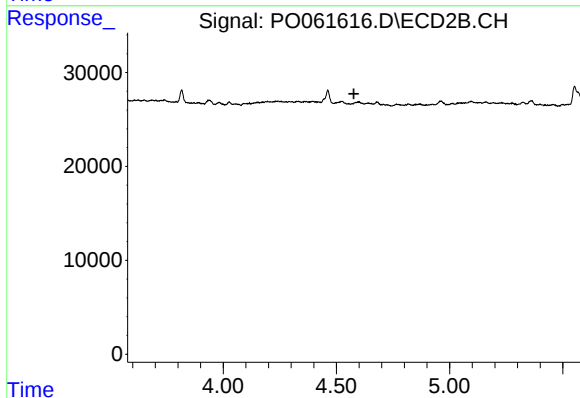
R.T.: 4.957 min
Delta R.T.: -0.056 min
Response: 406
Conc: 0.59 ng/ml



#16 AR-1242-1

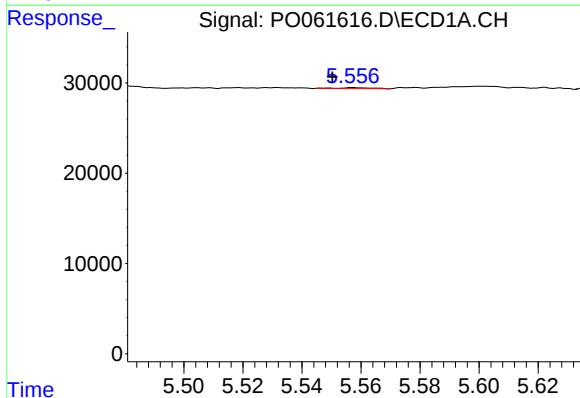
R.T.: 5.558 min
Delta R.T.: 0.030 min
Response: 955
Conc: 0.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



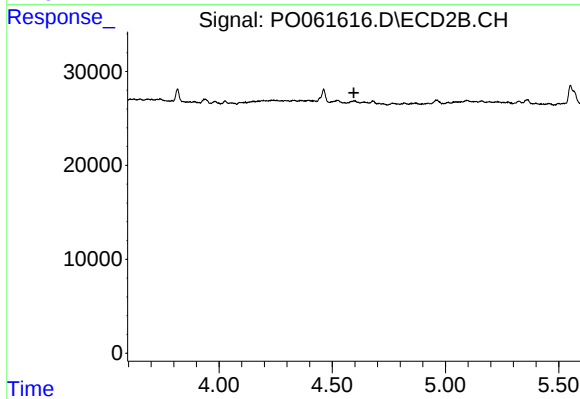
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.577 min
Response: 0
Conc: N.D.



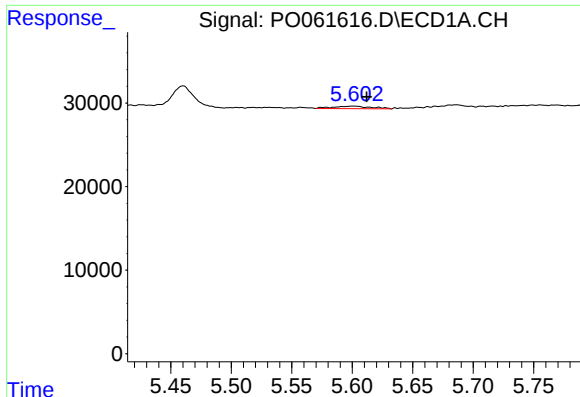
#17 AR-1242-2

R.T.: 5.558 min
Delta R.T.: 0.007 min
Response: 955
Conc: 0.48 ng/ml



#17 AR-1242-2

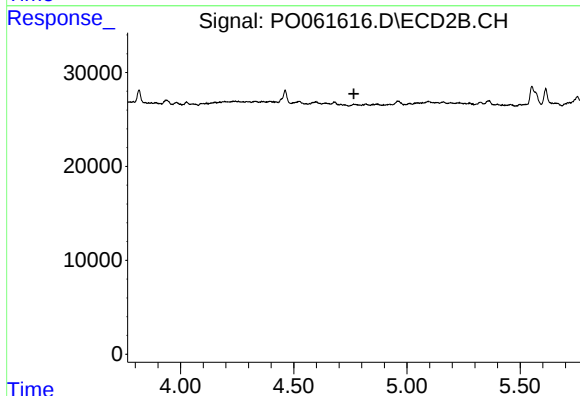
R.T.: 0.000 min
Exp R.T. : 4.595 min
Response: 0
Conc: N.D.



#18 AR-1242-3

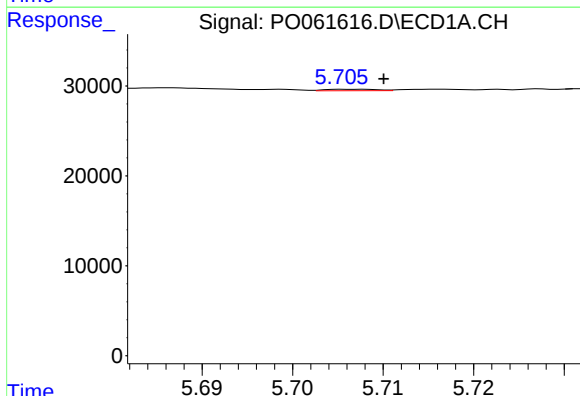
R.T.: 5.601 min
Delta R.T.: -0.011 min
Response: 6665
Conc: 5.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



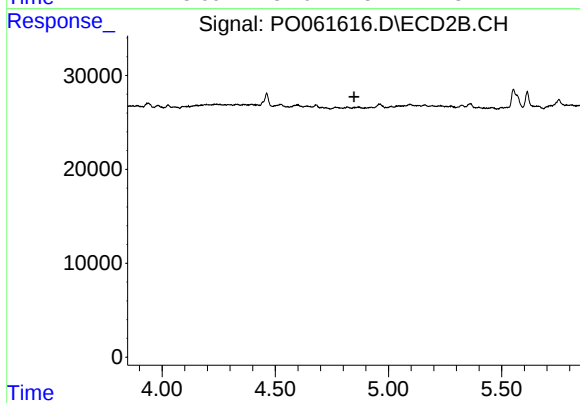
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 4.766 min
Response: 0
Conc: N.D.



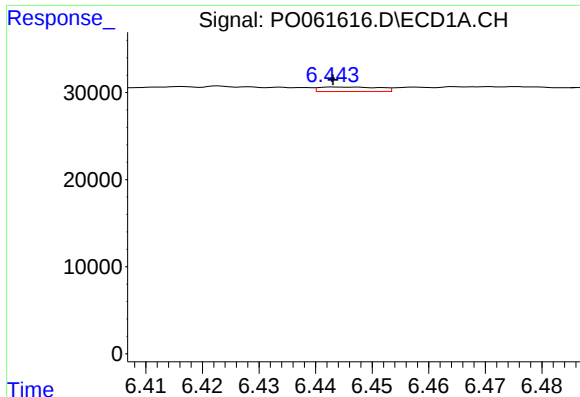
#19 AR-1242-4

R.T.: 5.707 min
Delta R.T.: -0.003 min
Response: 678
Conc: 0.64 ng/ml



#19 AR-1242-4

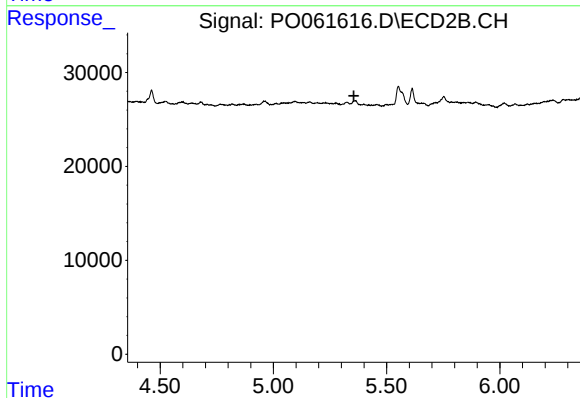
R.T.: 0.000 min
Exp R.T. : 4.848 min
Response: 0
Conc: N.D.



#20 AR-1242-5

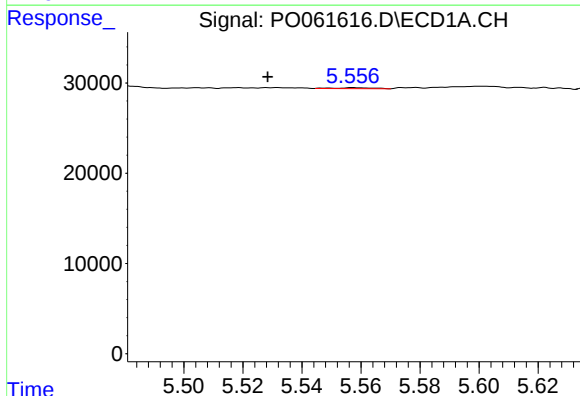
R.T.: 6.444 min
Delta R.T.: 0.000 min
Response: 3759
Conc: 2.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



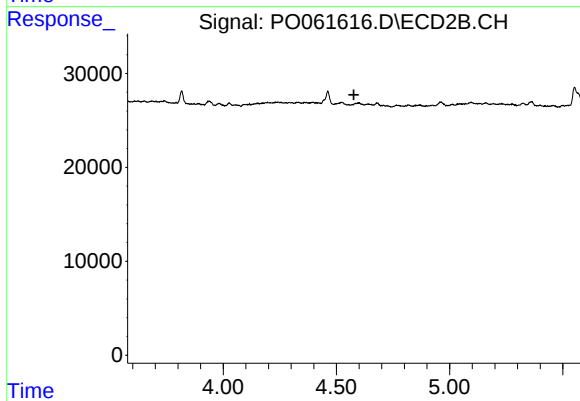
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 5.356 min
Response: 0
Conc: N.D.



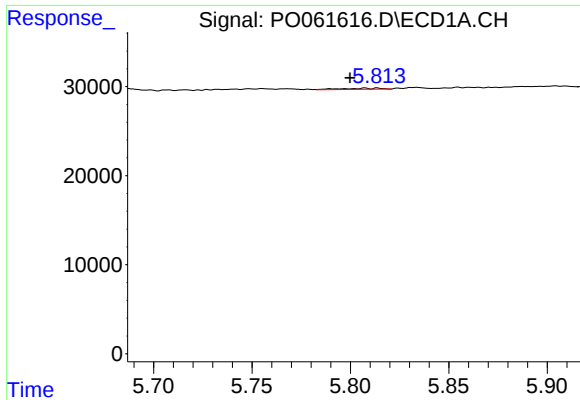
#21 AR-1248-1

R.T.: 5.558 min
Delta R.T.: 0.029 min
Response: 955
Conc: 0.81 ng/ml



#21 AR-1248-1

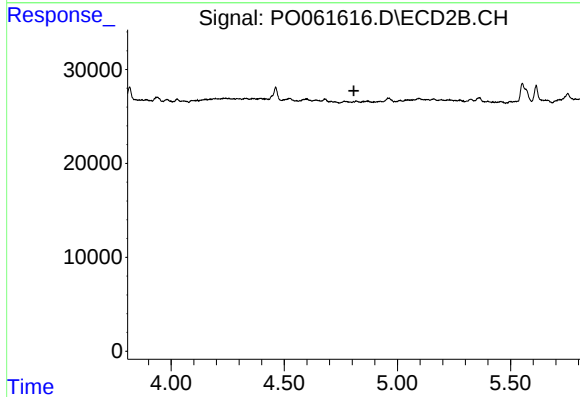
R.T.: 0.000 min
Exp R.T. : 4.577 min
Response: 0
Conc: N.D.



#22 AR-1248-2

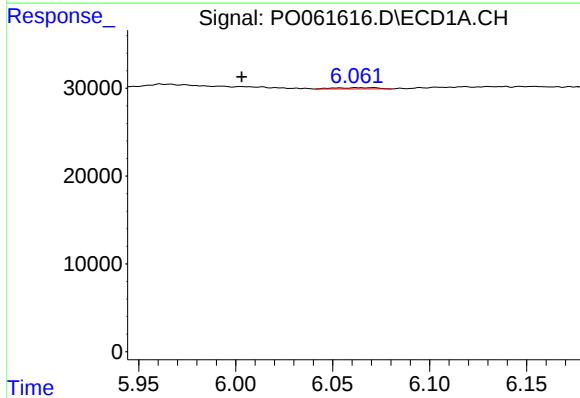
R.T.: 5.807 min
Delta R.T.: 0.007 min
Response: 1961
Conc: 1.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



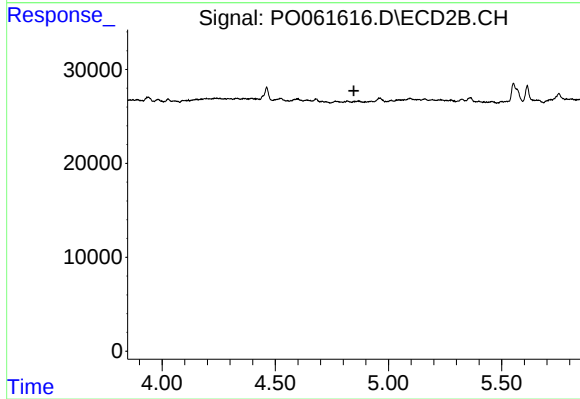
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 4.808 min
Response: 0
Conc: N.D.



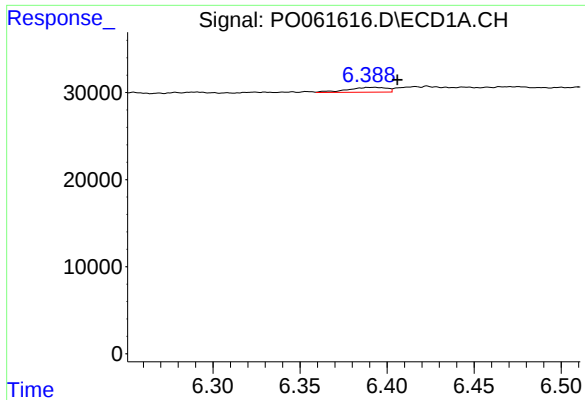
#23 AR-1248-3

R.T.: 6.071 min
Delta R.T.: 0.068 min
Response: 2306
Conc: 1.23 ng/ml



#23 AR-1248-3

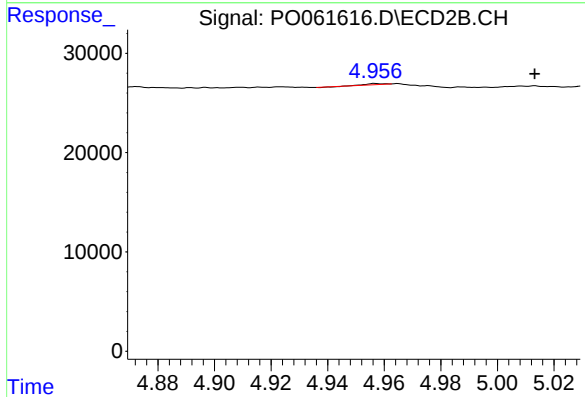
R.T.: 0.000 min
Exp R.T. : 4.847 min
Response: 0
Conc: N.D.



#24 AR-1248-4

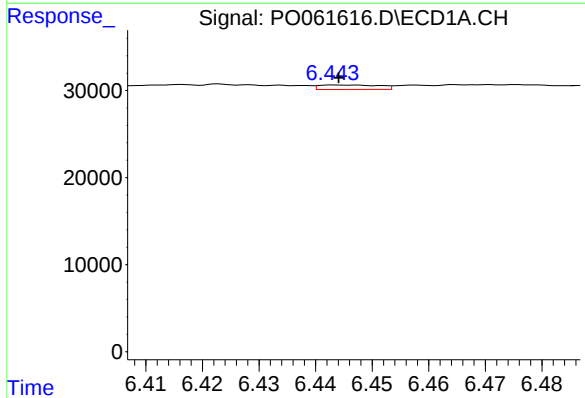
R.T.: 6.392 min
Delta R.T.: -0.014 min
Response: 8905
Conc: 3.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



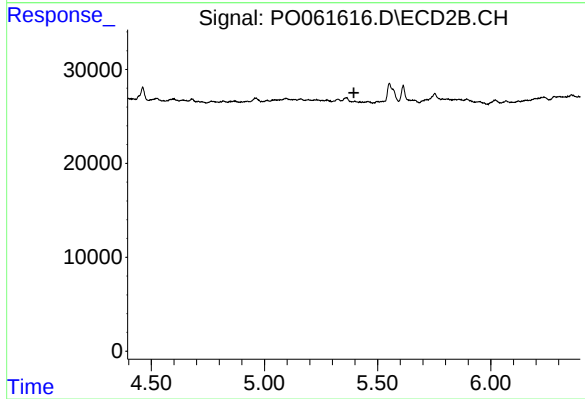
#24 AR-1248-4

R.T.: 4.957 min
Delta R.T.: -0.056 min
Response: 406
Conc: 0.27 ng/ml



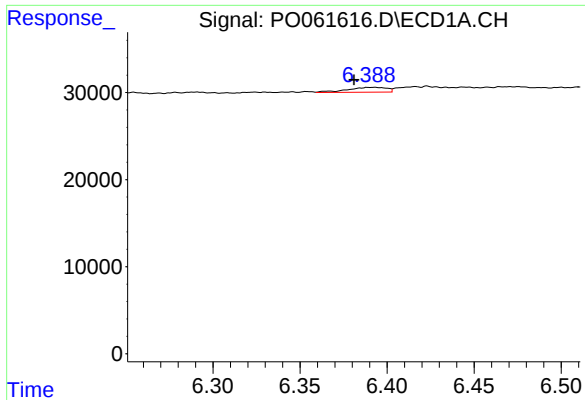
#25 AR-1248-5

R.T.: 6.444 min
Delta R.T.: 0.000 min
Response: 3759
Conc: 1.66 ng/ml



#25 AR-1248-5

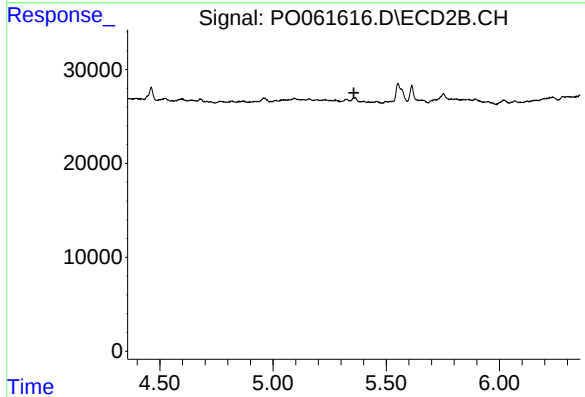
R.T.: 0.000 min
Exp R.T.: 5.395 min
Response: 0
Conc: N.D.



#26 AR-1254-1

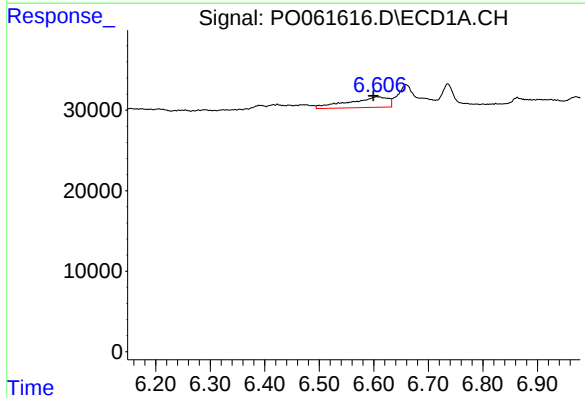
R.T.: 6.392 min
Delta R.T.: 0.011 min
Response: 8905
Conc: 3.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



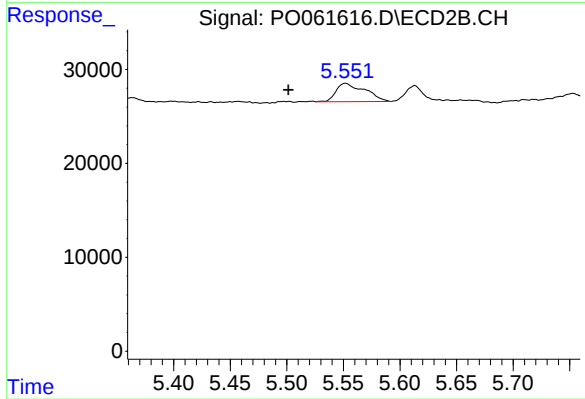
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 5.357 min
Response: 0
Conc: N.D.



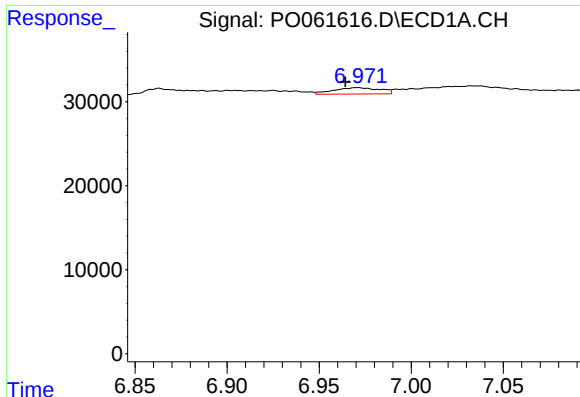
#27 AR-1254-2

R.T.: 6.606 min
Delta R.T.: 0.007 min
Response: 65734
Conc: 18.19 ng/ml



#27 AR-1254-2

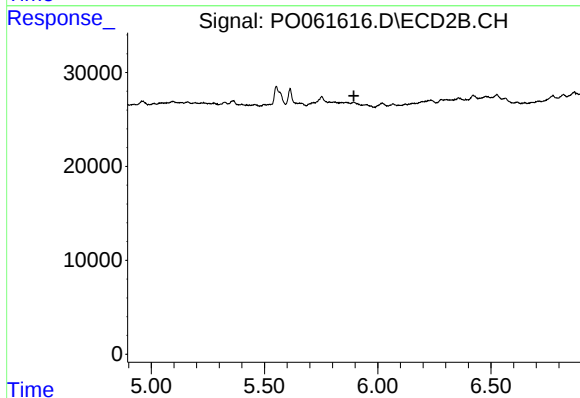
R.T.: 5.552 min
Delta R.T.: 0.050 min
Response: 34998
Conc: 17.85 ng/ml



#28 AR-1254-3

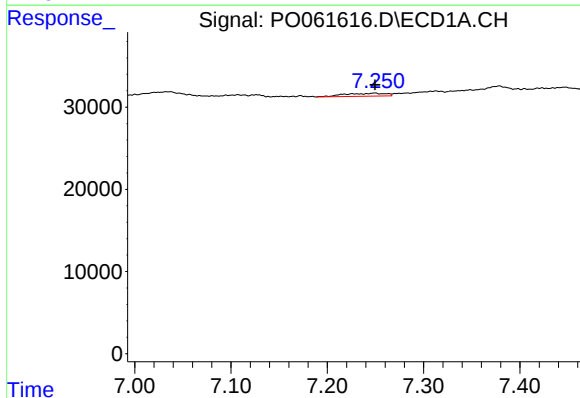
R.T.: 6.971 min
Delta R.T.: 0.006 min
Response: 13274
Conc: 3.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



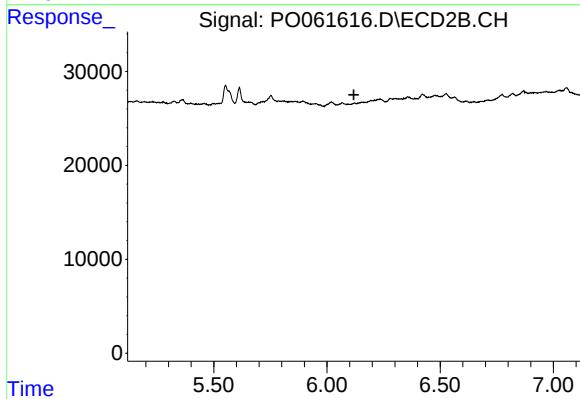
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 5.895 min
Response: 0
Conc: N.D.



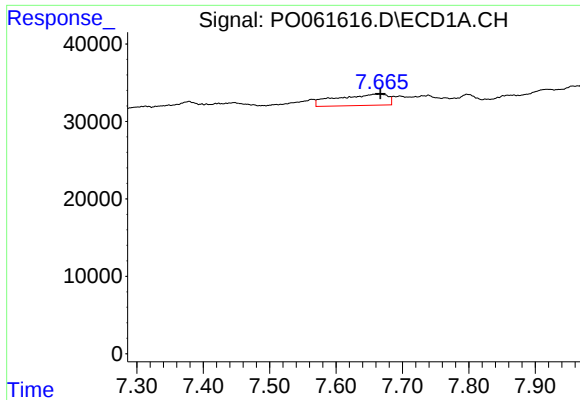
#29 AR-1254-4

R.T.: 7.249 min
Delta R.T.: 0.000 min
Response: 10787
Conc: 3.56 ng/ml



#29 AR-1254-4

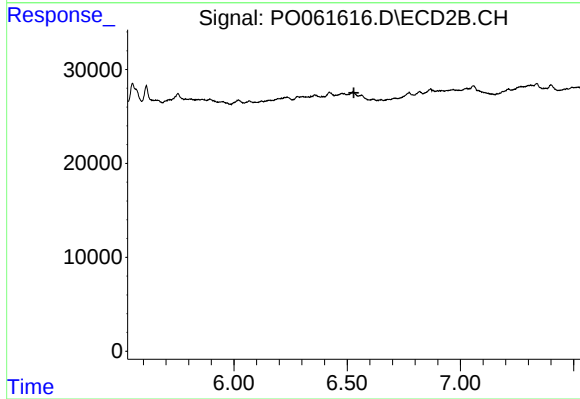
R.T.: 0.000 min
Exp R.T. : 6.119 min
Response: 0
Conc: N.D.



#30 AR-1254-5

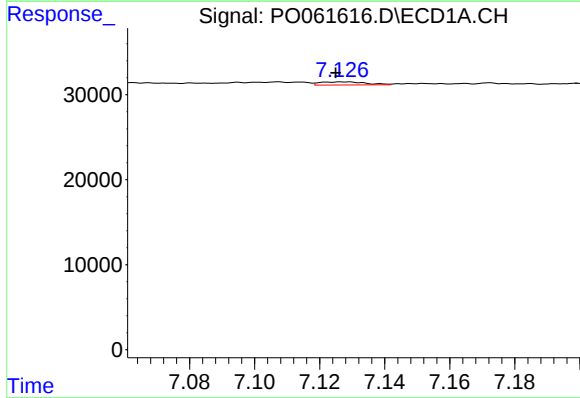
R.T.: 7.665 min
Delta R.T.: -0.002 min
Response: 78086
Conc: 24.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



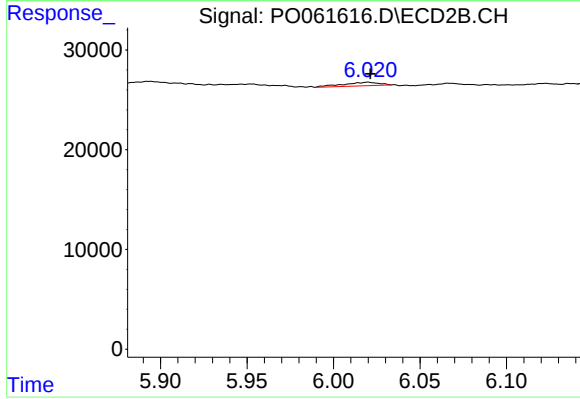
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 6.530 min
Response: 0
Conc: N.D.



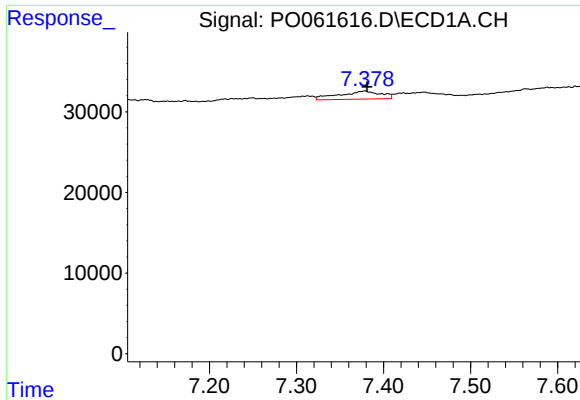
#31 AR-1260-1

R.T.: 7.127 min
Delta R.T.: 0.002 min
Response: 3569
Conc: 1.37 ng/ml



#31 AR-1260-1

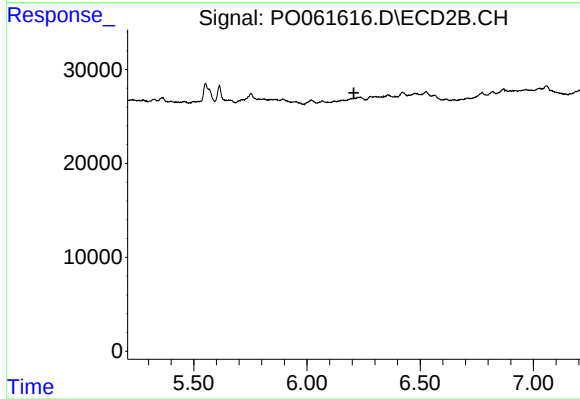
R.T.: 6.020 min
Delta R.T.: -0.001 min
Response: 5027
Conc: 2.46 ng/ml



#32 AR-1260-2

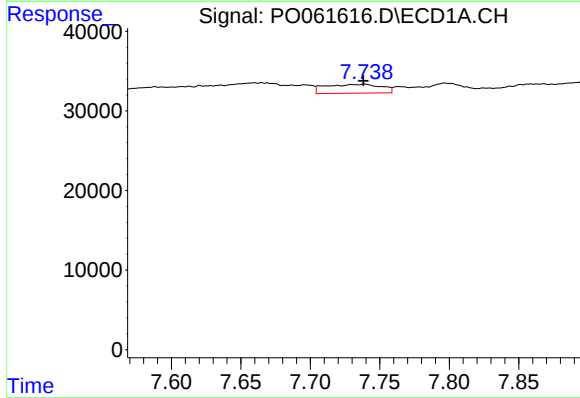
R.T.: 7.379 min
Delta R.T.: -0.002 min
Response: 33042
Conc: 10.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



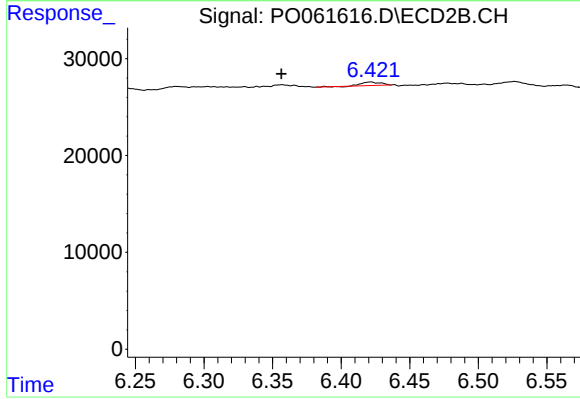
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 6.207 min
Response: 0
Conc: N.D.



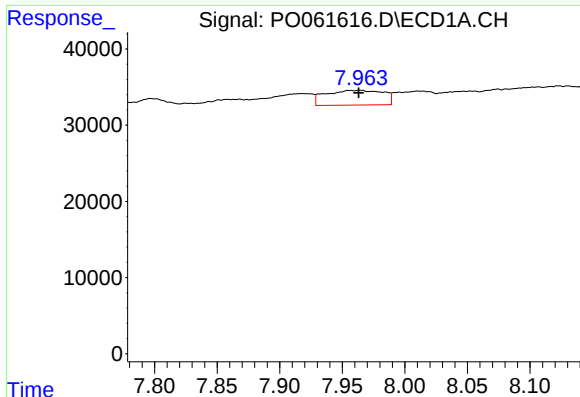
#33 AR-1260-3

R.T.: 7.739 min
Delta R.T.: 0.000 min
Response: 31210
Conc: 12.99 ng/ml



#33 AR-1260-3

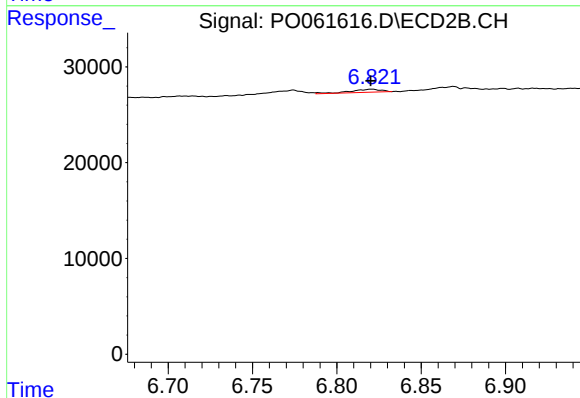
R.T.: 6.422 min
Delta R.T.: 0.065 min
Response: 3700
Conc: 1.64 ng/ml



#34 AR-1260-4

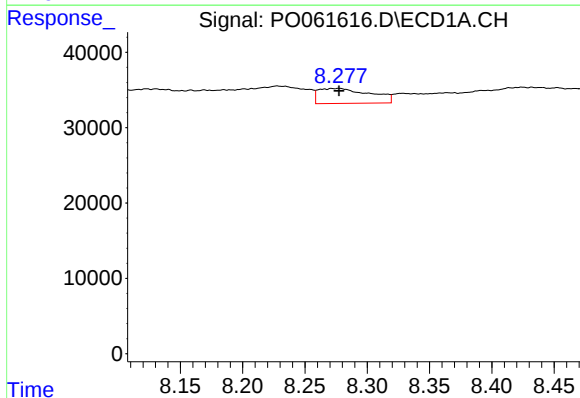
R.T.: 7.964 min
Delta R.T.: 0.001 min
Response: 62102
Conc: 23.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



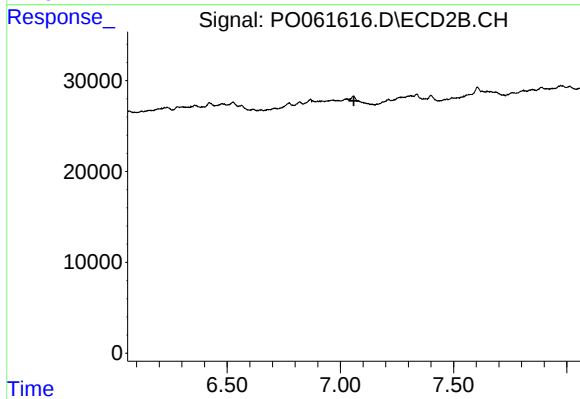
#34 AR-1260-4

R.T.: 6.821 min
Delta R.T.: 0.001 min
Response: 3986
Conc: 2.16 ng/ml



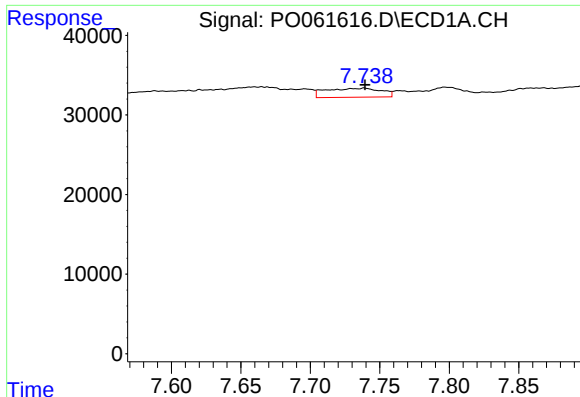
#35 AR-1260-5

R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 57524
Conc: 11.63 ng/ml



#35 AR-1260-5

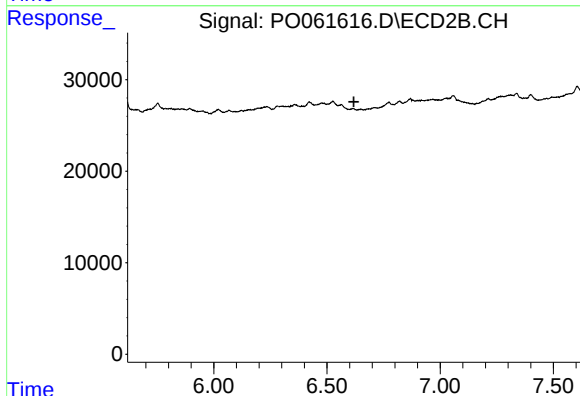
R.T.: 0.000 min
Exp R.T.: 7.060 min
Response: 0
Conc: N.D.



#36 AR-1262-1

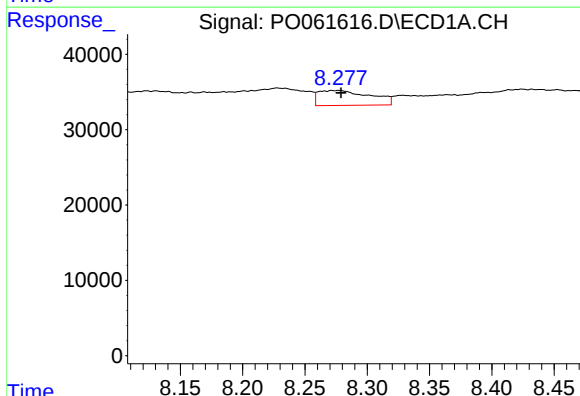
R.T.: 7.739 min
Delta R.T.: 0.000 min
Response: 31210
Conc: 8.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



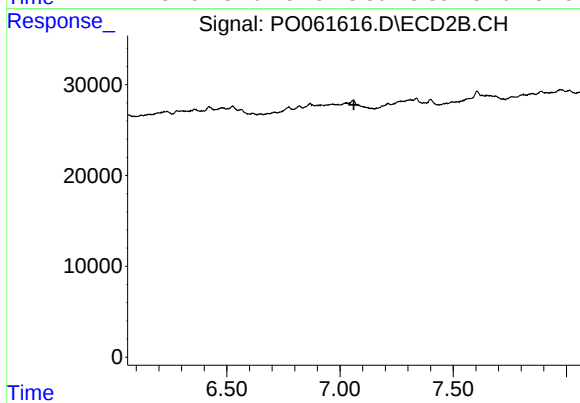
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.619 min
Response: 0
Conc: N.D.



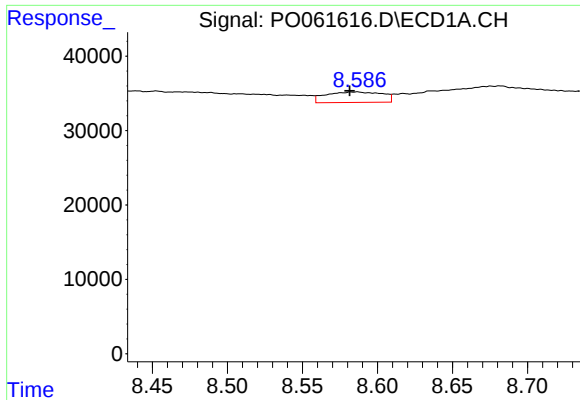
#37 AR-1262-2

R.T.: 8.277 min
Delta R.T.: -0.002 min
Response: 57524
Conc: 9.27 ng/ml



#37 AR-1262-2

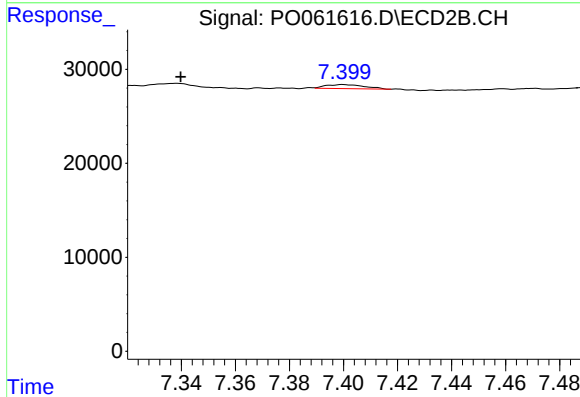
R.T.: 0.000 min
Exp R.T. : 7.061 min
Response: 0
Conc: N.D.



#38 AR-1262-3

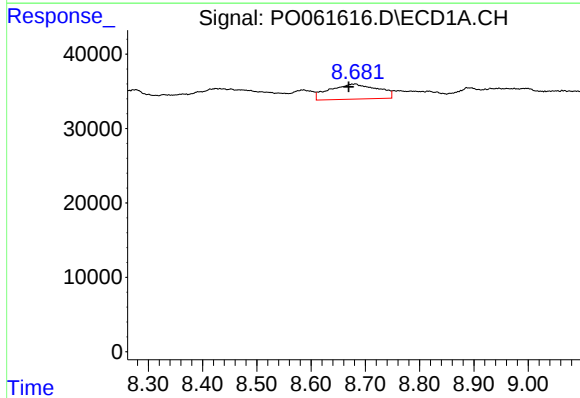
R.T.: 8.586 min
Delta R.T.: 0.005 min
Response: 36874
Conc: 8.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



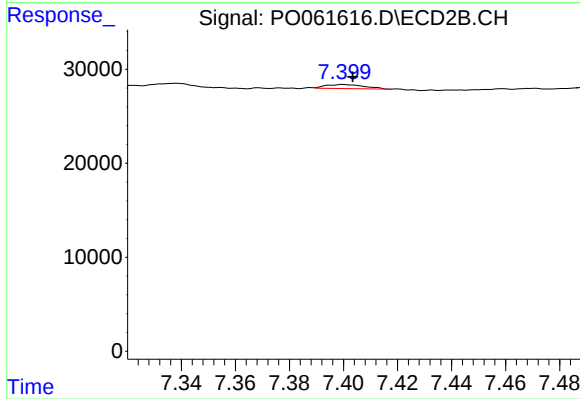
#38 AR-1262-3

R.T.: 7.400 min
Delta R.T.: 0.060 min
Response: 4310
Conc: 2.29 ng/ml



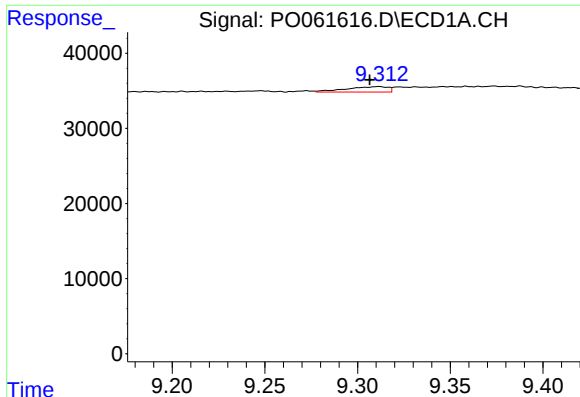
#39 AR-1262-4

R.T.: 8.682 min
Delta R.T.: 0.013 min
Response: 124905
Conc: 39.57 ng/ml



#39 AR-1262-4

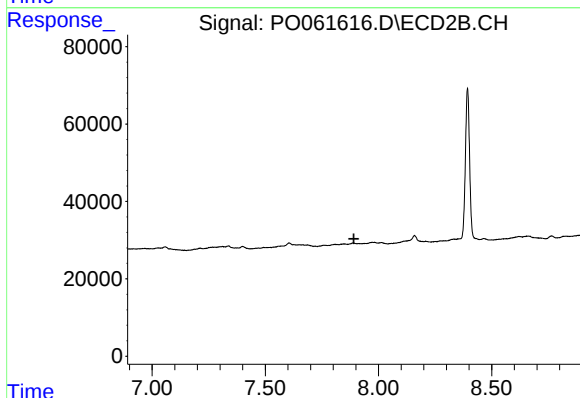
R.T.: 7.400 min
Delta R.T.: -0.004 min
Response: 4310
Conc: 1.28 ng/ml



#40 AR-1262-5

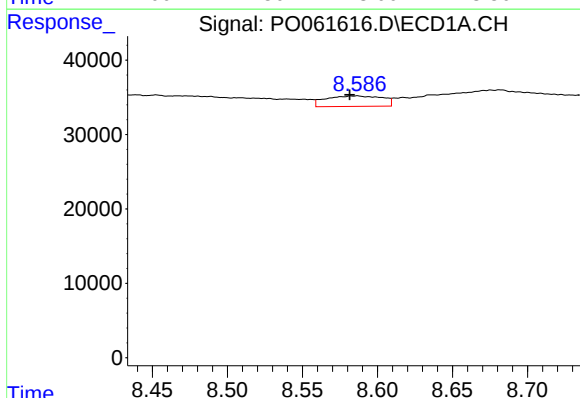
R.T.: 9.311 min
Delta R.T.: 0.005 min
Response: 11418
Conc: 5.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



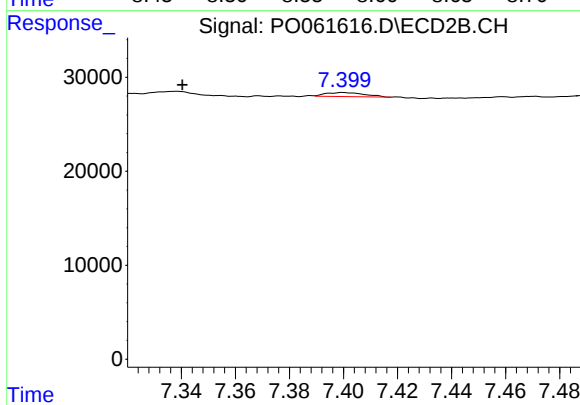
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 7.891 min
Response: 0
Conc: N.D.



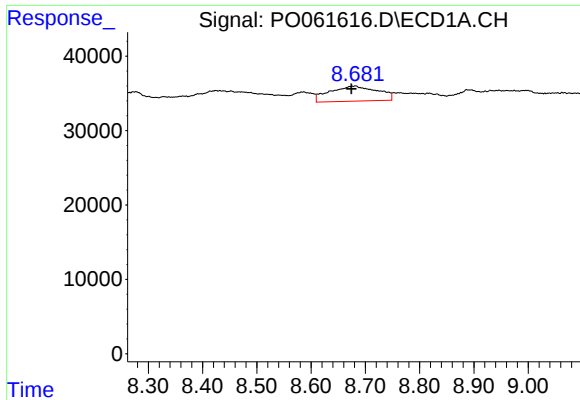
#41 AR-1268-1

R.T.: 8.586 min
Delta R.T.: 0.005 min
Response: 36874
Conc: 5.48 ng/ml



#41 AR-1268-1

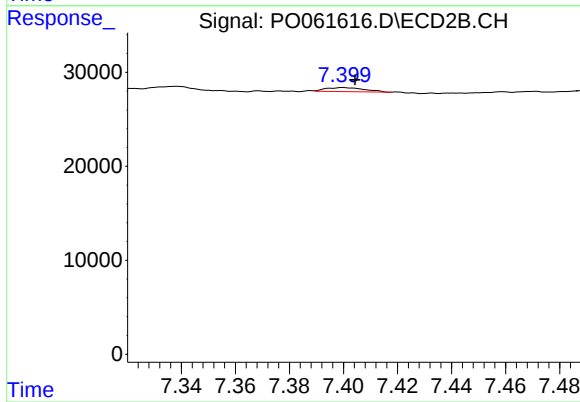
R.T.: 7.400 min
Delta R.T.: 0.059 min
Response: 4310
Conc: 0.89 ng/ml



#42 AR-1268-2

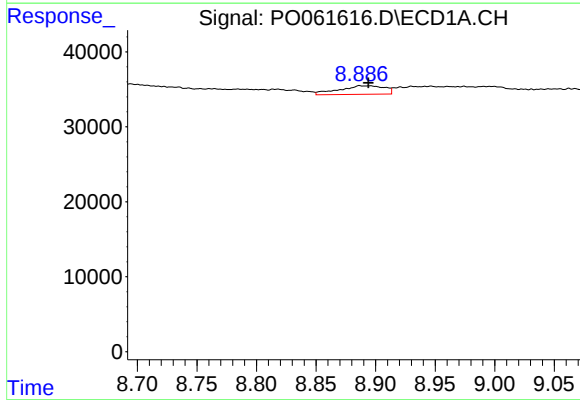
R.T.: 8.682 min
Delta R.T.: 0.008 min
Response: 124905
Conc: 20.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



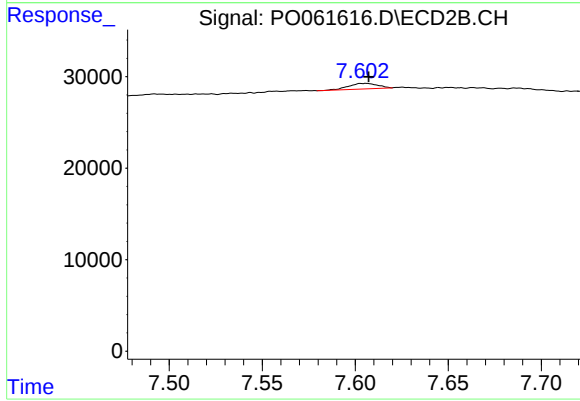
#42 AR-1268-2

R.T.: 7.400 min
Delta R.T.: -0.005 min
Response: 4310
Conc: 1.00 ng/ml



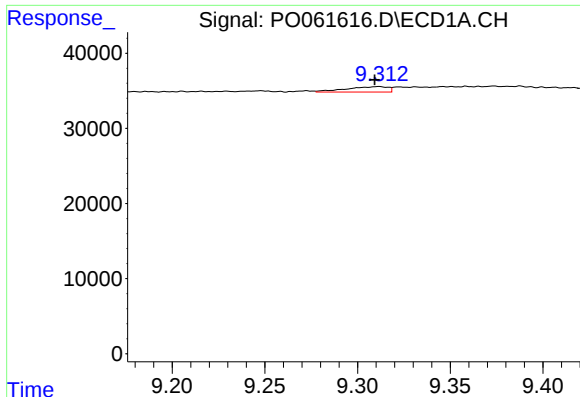
#43 AR-1268-3

R.T.: 8.887 min
Delta R.T.: -0.007 min
Response: 30558
Conc: 5.98 ng/ml



#43 AR-1268-3

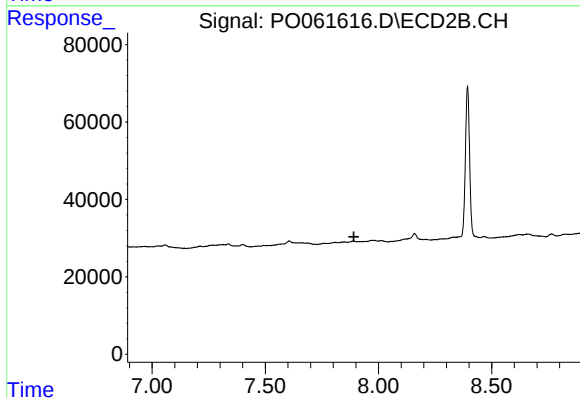
R.T.: 7.606 min
Delta R.T.: -0.001 min
Response: 6493
Conc: 1.81 ng/ml



#44 AR-1268-4

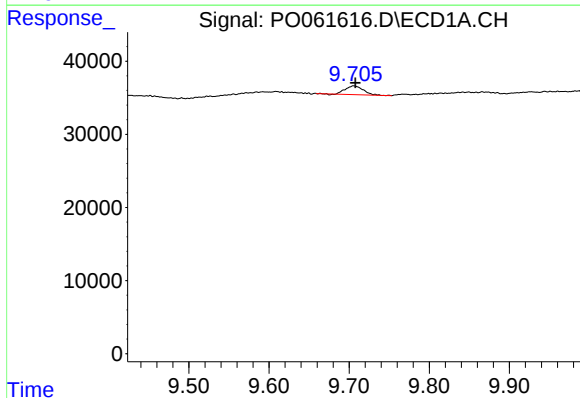
R.T.: 9.311 min
Delta R.T.: 0.002 min
Response: 11418
Conc: 5.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



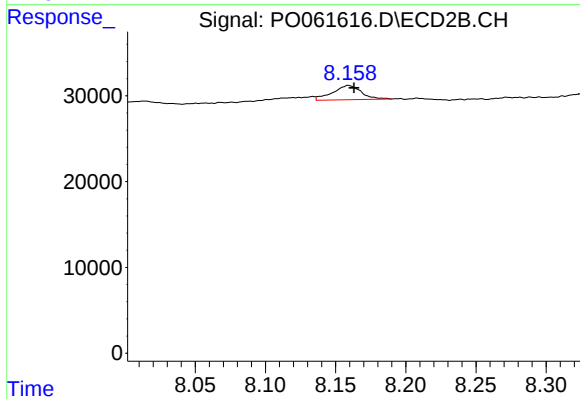
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 7.891 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.706 min
Delta R.T.: -0.002 min
Response: 18798
Conc: 1.25 ng/ml



#45 AR-1268-5

R.T.: 8.159 min
Delta R.T.: -0.004 min
Response: 23849
Conc: 2.37 ng/ml