

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102720\
 Data File : PO072816.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 27 Oct 2020 15:19
 Operator : DD\AJ
 Sample : L4214-07
 Misc : AR1232 LOD 25 PPB
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 08:00:56 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102620.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 27 16:48:42 2020
 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...	4.948	4.023	696395	503525	15.104	14.367
2)	SA Decachlor...	10.981	9.310	661205	652286	17.897	19.559
Target Compounds							
3)	L1 AR-1016-1	6.271	5.275	17724	14343	10.383	9.992
4)	L1 AR-1016-2	6.294	5.296	24440	20403	10.359	10.545
5)	L1 AR-1016-3	6.362	5.488	17798	13621	12.335	12.990
6)	L1 AR-1016-4	6.469	5.539	12958	7224	11.029	8.339
7)	L1 AR-1016-5	6.784	5.767	17200	10413	16.031	9.689 #
8)	L2 AR-1221-1	0.000	4.280	0	5372	N.D.	11.917 #
9)	L2 AR-1221-2	5.301	4.376	17915	10975	43.993	32.315 #
10)	L2 AR-1221-3	5.385	4.469	27139	19487	22.018	19.172
11)	L3 AR-1232-1	5.385	4.469	27139	19487	25.474	22.230
12)	L3 AR-1232-2	5.976	5.296	13774	20403	26.019	23.294
13)	L3 AR-1232-3	6.294	5.488	24440	13621	23.639	28.992
14)	L3 AR-1232-4	6.469	5.588	12958	6945	25.214	16.309 #
15)	L3 AR-1232-5	0.000	5.767	0	10413	N.D.	22.317 #
16)	L4 AR-1242-1	6.271	5.275	17724	14343	12.740	12.199
17)	L4 AR-1242-2	6.294	5.296	24440	20403	12.785	12.848
18)	L4 AR-1242-3	6.362	5.488	17798	13621	15.030	15.756
19)	L4 AR-1242-4	6.469	5.588	12958	6945	13.385	8.367 #
20)	L4 AR-1242-5	7.254	6.145	16450	10790	16.058	10.055 #
21)	L5 AR-1248-1	6.271	5.275	17724	14343	17.177	15.129
22)	L5 AR-1248-2	0.000	5.539	0	7224	N.D.	5.744 #
23)	L5 AR-1248-3	6.784	5.588	17200	6945	11.609	5.370 #
24)	L5 AR-1248-4	7.214	5.767	13780	10413	7.630	6.702
25)	L5 AR-1248-5	7.254	6.187	16450	14363	9.543	9.329
26)	L6 AR-1254-1	7.185	6.145	14460	10790	8.344	4.794 #
27)	L6 AR-1254-2	7.420	0.000	28088	0	10.512	N.D. #
28)	L6 AR-1254-3	0.000	6.722	0	4115	N.D.	1.295 #
29)	L6 AR-1254-4	8.094	6.963	8673	14116	3.958	6.490 #
30)	L6 AR-1254-5	8.547f	0.000	24670	0	11.205	N.D. #
31)	L7 AR-1260-1	0.000	6.843f	0	1068	N.D.	0.537 #
32)	L7 AR-1260-2	8.239	0.000	26107	0	11.486	N.D. #
33)	L7 AR-1260-3	0.000	7.233f	0	6251	N.D.	2.836 #
35)	L7 AR-1260-5	9.152	0.000	9118	0	2.248	N.D. #
37)	L8 AR-1262-2	9.152	0.000	9118	0	2.061	N.D. #
38)	L8 AR-1262-3	9.462	0.000	3991	0	1.240	N.D. #
39)	L8 AR-1262-4	0.000	8.310f	0	6079	N.D.	1.826 #
41)	L9 AR-1268-1	9.462	0.000	3991	0	0.720	N.D. #
42)	L9 AR-1268-2	0.000	8.310f	0	6079	N.D.	1.298 #
43)	L9 AR-1268-3	0.000	8.503	0	68720	N.D.	16.330 #
45)	L9 AR-1268-5	10.648	9.067	7964	10502	0.574	0.811 #

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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102620.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

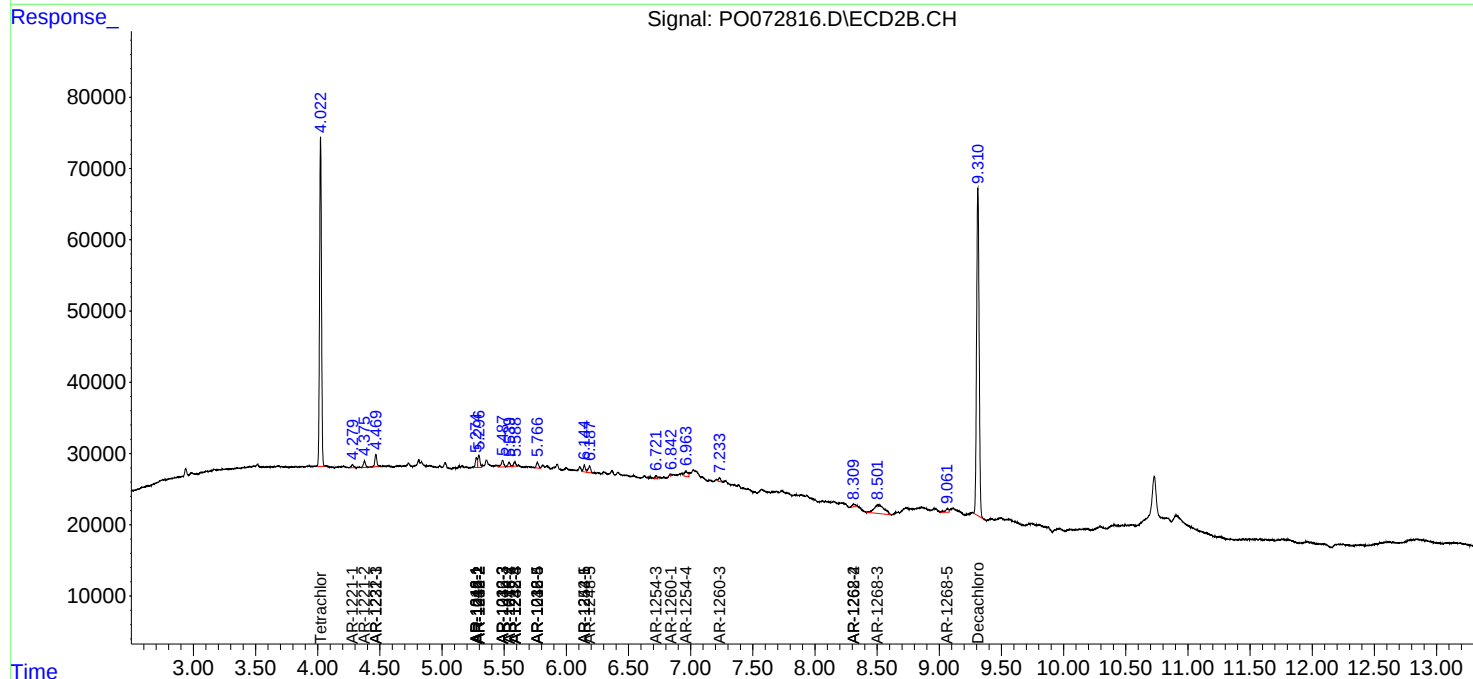
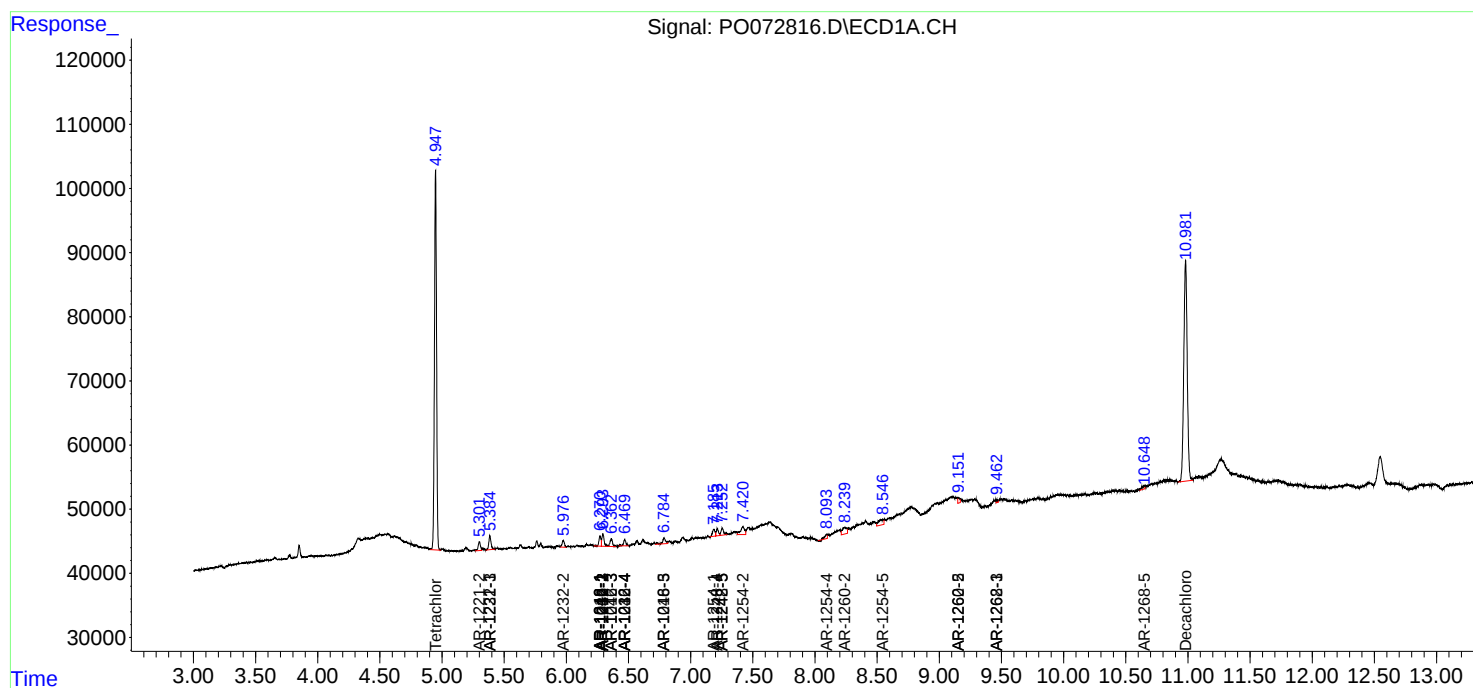
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

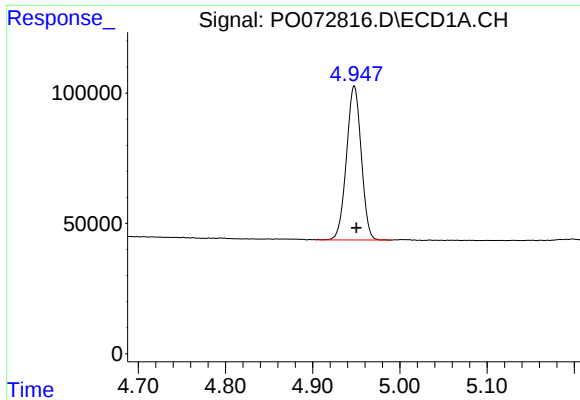
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102720\
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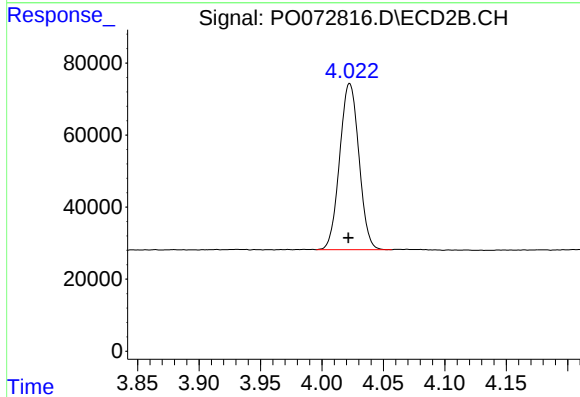




#1 Tetrachloro-m-xylene

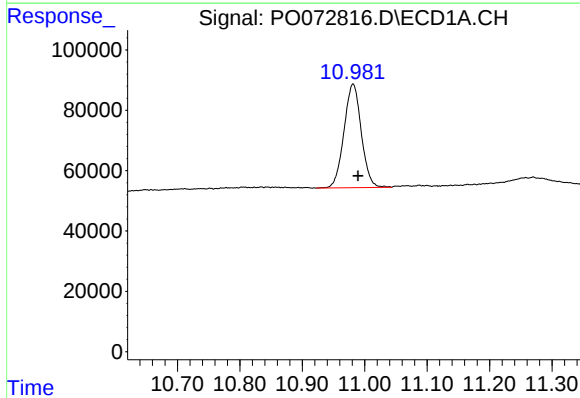
R.T.: 4.948 min
Delta R.T.: -0.002 min
Response: 696395
Conc: 15.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



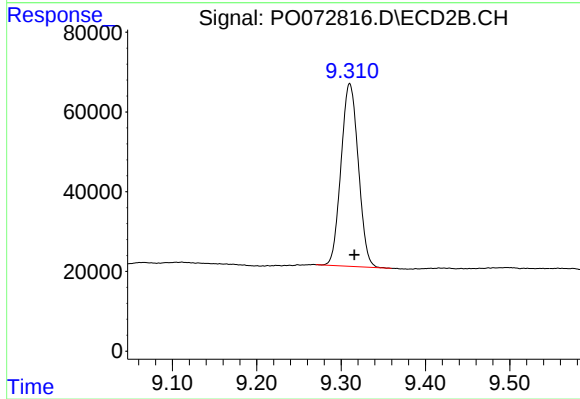
#1 Tetrachloro-m-xylene

R.T.: 4.023 min
Delta R.T.: 0.001 min
Response: 503525
Conc: 14.37 ng/ml



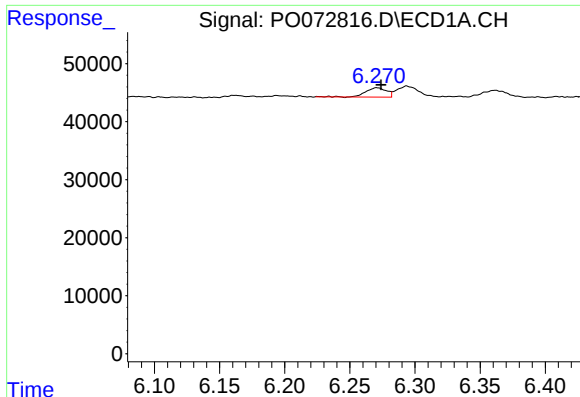
#2 Decachlorobiphenyl

R.T.: 10.981 min
Delta R.T.: -0.008 min
Response: 661205
Conc: 17.90 ng/ml



#2 Decachlorobiphenyl

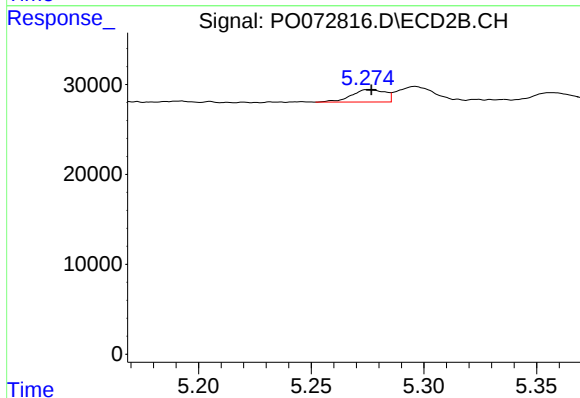
R.T.: 9.310 min
Delta R.T.: -0.006 min
Response: 652286
Conc: 19.56 ng/ml



#3 AR-1016-1

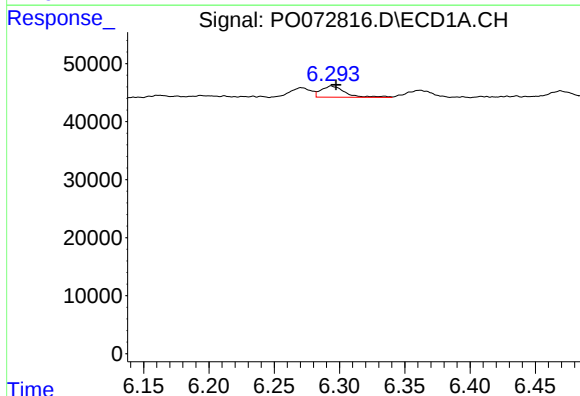
R.T.: 6.271 min
Delta R.T.: -0.003 min
Response: 17724
Conc: 10.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



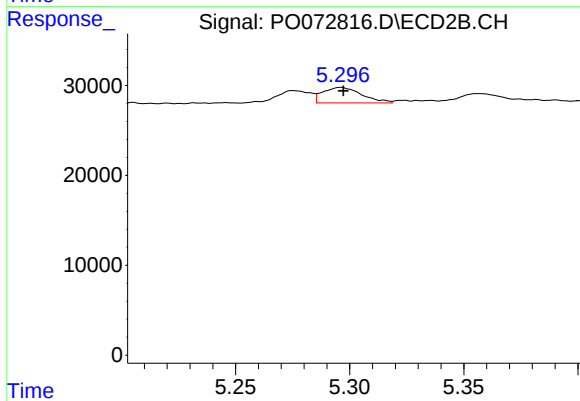
#3 AR-1016-1

R.T.: 5.275 min
Delta R.T.: -0.002 min
Response: 14343
Conc: 9.99 ng/ml



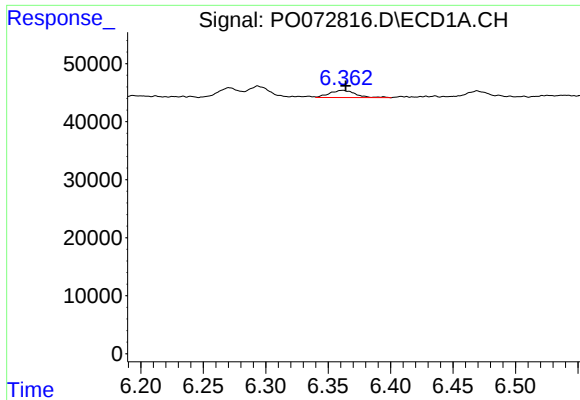
#4 AR-1016-2

R.T.: 6.294 min
Delta R.T.: -0.004 min
Response: 24440
Conc: 10.36 ng/ml



#4 AR-1016-2

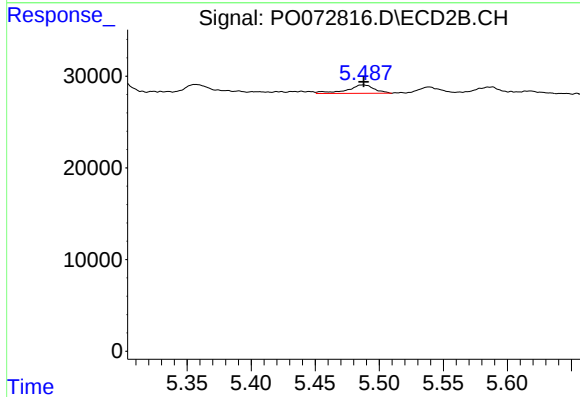
R.T.: 5.296 min
Delta R.T.: -0.001 min
Response: 20403
Conc: 10.54 ng/ml



#5 AR-1016-3

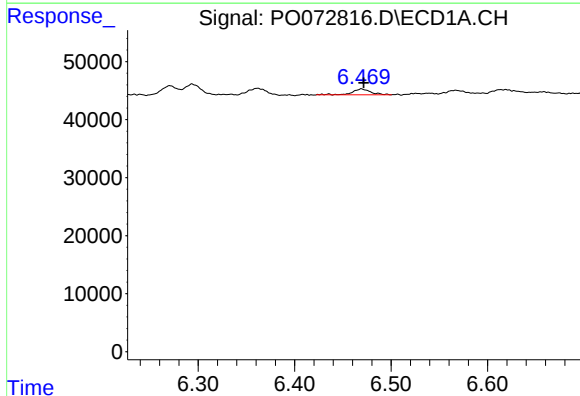
R.T.: 6.362 min
Delta R.T.: -0.003 min
Response: 17798
Conc: 12.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



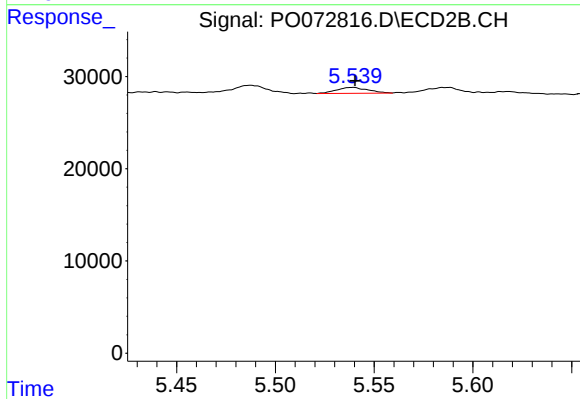
#5 AR-1016-3

R.T.: 5.488 min
Delta R.T.: 0.000 min
Response: 13621
Conc: 12.99 ng/ml



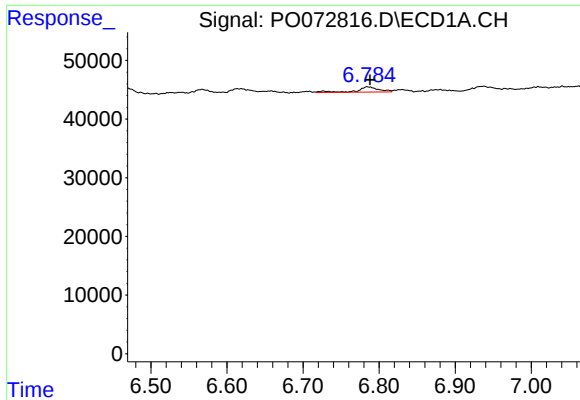
#6 AR-1016-4

R.T.: 6.469 min
Delta R.T.: -0.002 min
Response: 12958
Conc: 11.03 ng/ml



#6 AR-1016-4

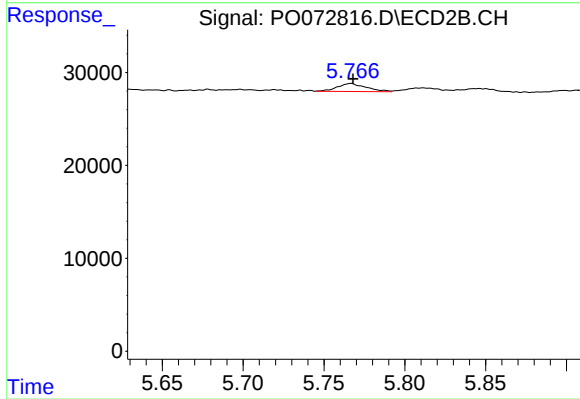
R.T.: 5.539 min
Delta R.T.: -0.001 min
Response: 7224
Conc: 8.34 ng/ml



#7 AR-1016-5

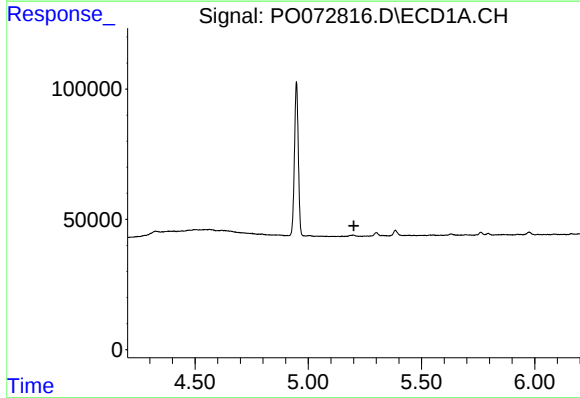
R.T.: 6.784 min
Delta R.T.: -0.004 min
Response: 17200
Conc: 16.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



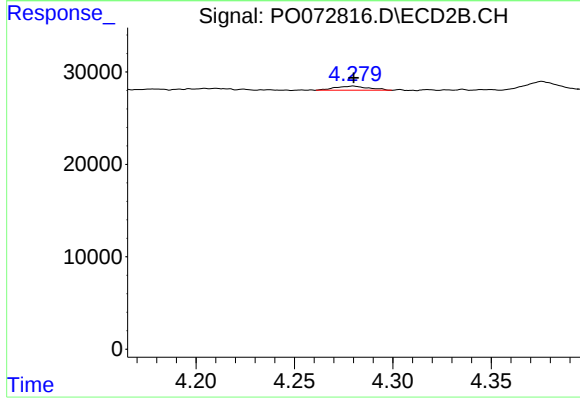
#7 AR-1016-5

R.T.: 5.767 min
Delta R.T.: -0.001 min
Response: 10413
Conc: 9.69 ng/ml



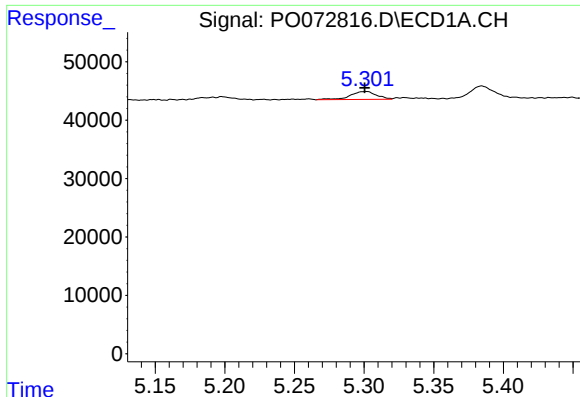
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.201 min
Response: 0
Conc: N.D.



#8 AR-1221-1

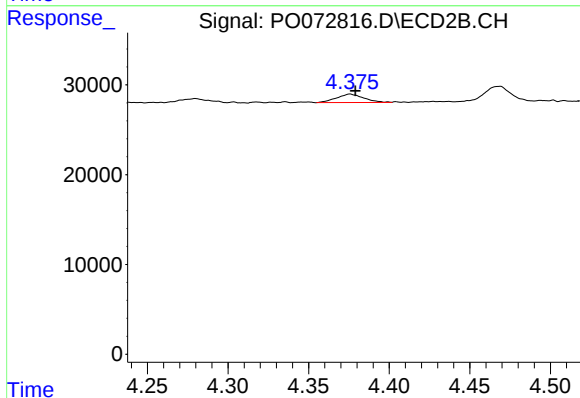
R.T.: 4.280 min
Delta R.T.: 0.000 min
Response: 5372
Conc: 11.92 ng/ml



#9 AR-1221-2

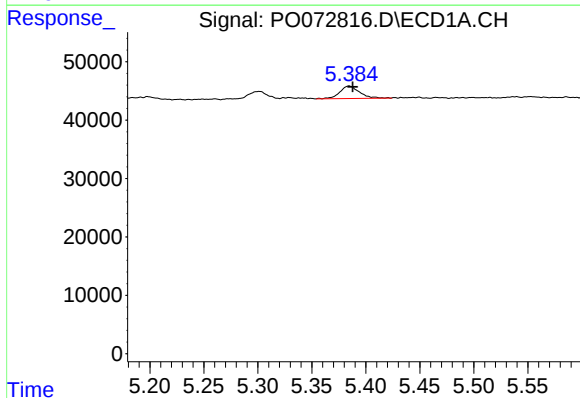
R.T.: 5.301 min
Delta R.T.: 0.000 min
Response: 17915
Conc: 43.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



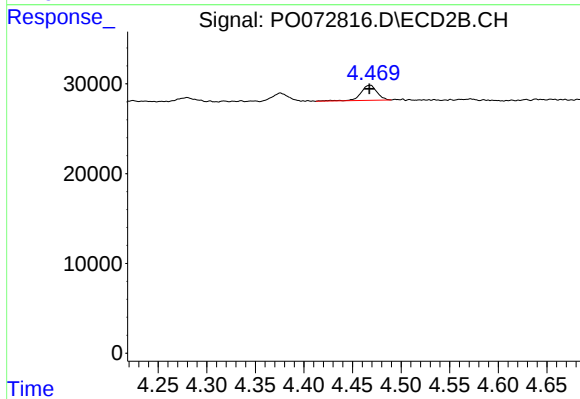
#9 AR-1221-2

R.T.: 4.376 min
Delta R.T.: -0.003 min
Response: 10975
Conc: 32.31 ng/ml



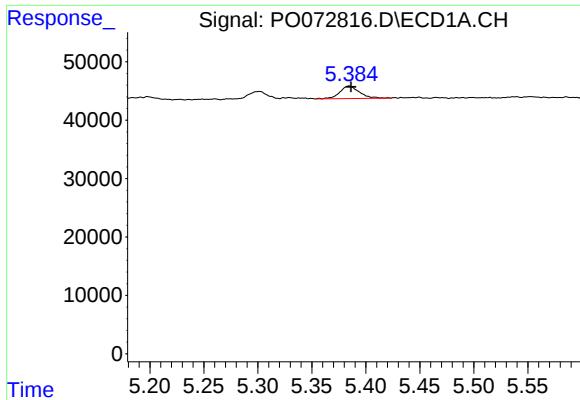
#10 AR-1221-3

R.T.: 5.385 min
Delta R.T.: -0.003 min
Response: 27139
Conc: 22.02 ng/ml



#10 AR-1221-3

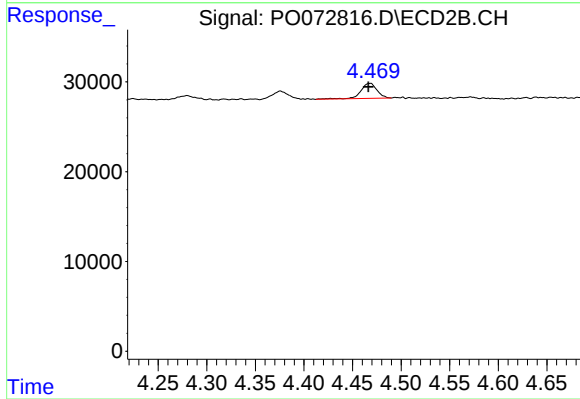
R.T.: 4.469 min
Delta R.T.: 0.001 min
Response: 19487
Conc: 19.17 ng/ml



#11 AR-1232-1

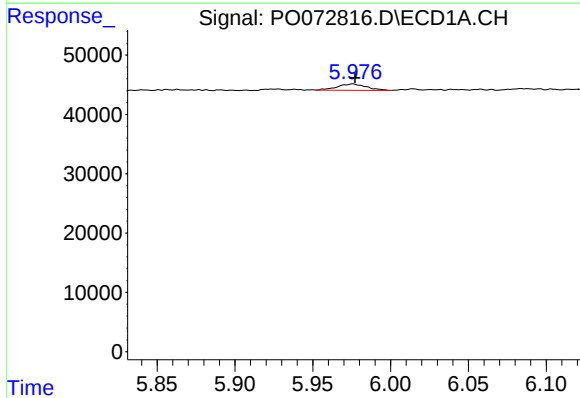
R.T.: 5.385 min
Delta R.T.: -0.002 min
Response: 27139
Conc: 25.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



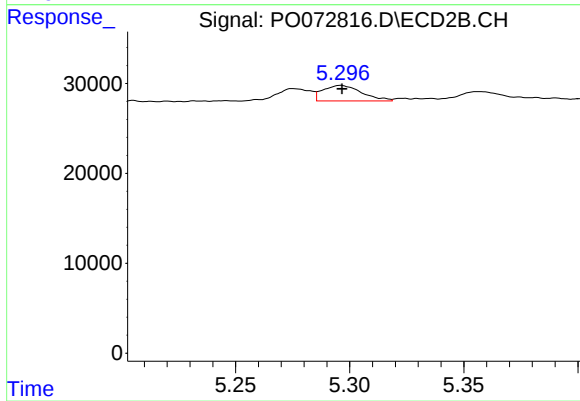
#11 AR-1232-1

R.T.: 4.469 min
Delta R.T.: 0.002 min
Response: 19487
Conc: 22.23 ng/ml



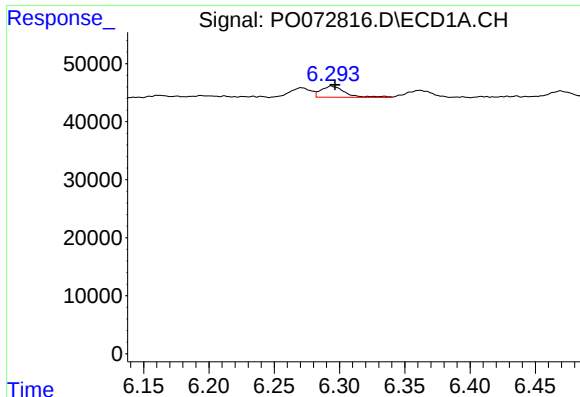
#12 AR-1232-2

R.T.: 5.976 min
Delta R.T.: -0.002 min
Response: 13774
Conc: 26.02 ng/ml



#12 AR-1232-2

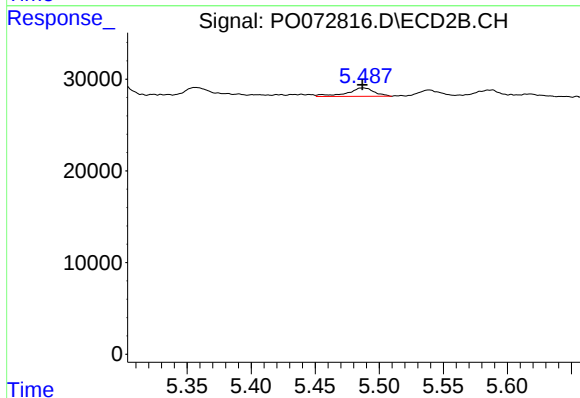
R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 20403
Conc: 23.29 ng/ml



#13 AR-1232-3

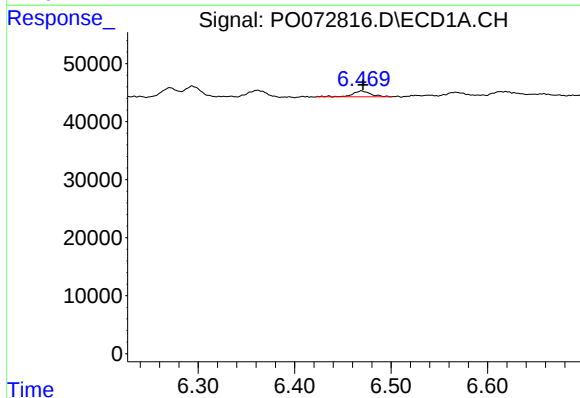
R.T.: 6.294 min
Delta R.T.: -0.003 min
Response: 24440
Conc: 23.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



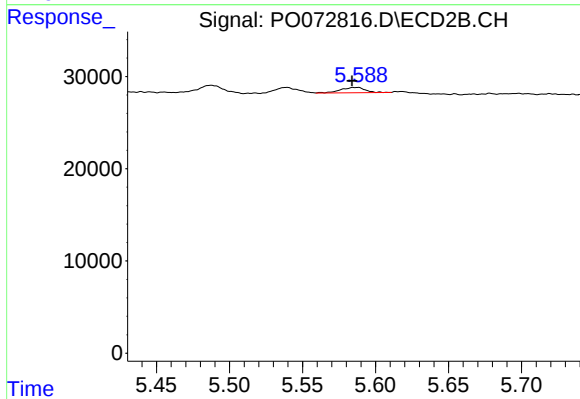
#13 AR-1232-3

R.T.: 5.488 min
Delta R.T.: 0.000 min
Response: 13621
Conc: 28.99 ng/ml



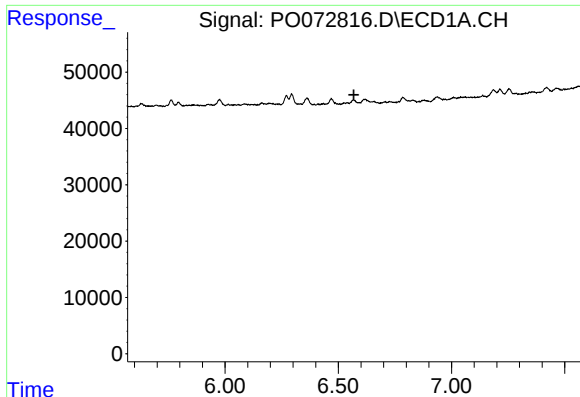
#14 AR-1232-4

R.T.: 6.469 min
Delta R.T.: -0.002 min
Response: 12958
Conc: 25.21 ng/ml



#14 AR-1232-4

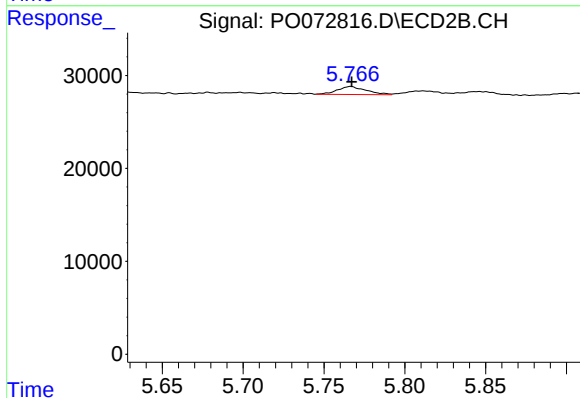
R.T.: 5.588 min
Delta R.T.: 0.005 min
Response: 6945
Conc: 16.31 ng/ml



#15 AR-1232-5

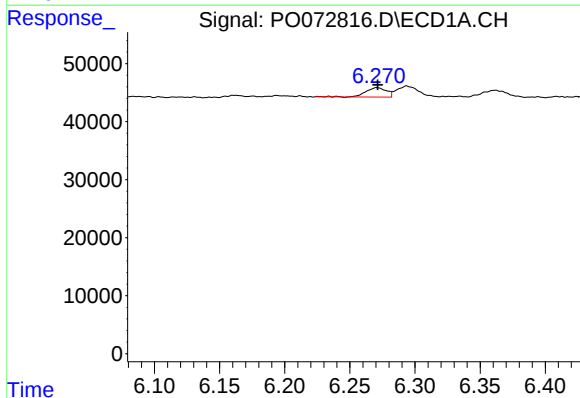
R.T.: 0.000 min
Exp R.T.: 6.569 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



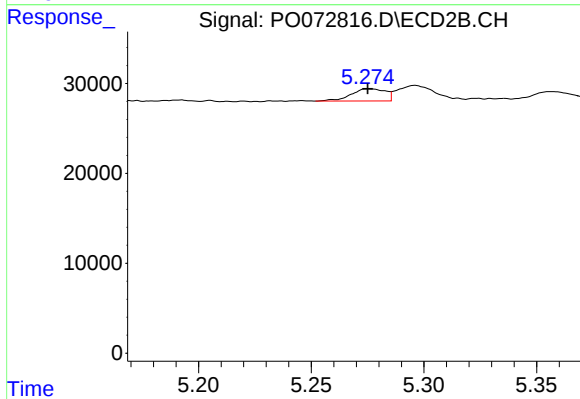
#15 AR-1232-5

R.T.: 5.767 min
Delta R.T.: 0.000 min
Response: 10413
Conc: 22.32 ng/ml



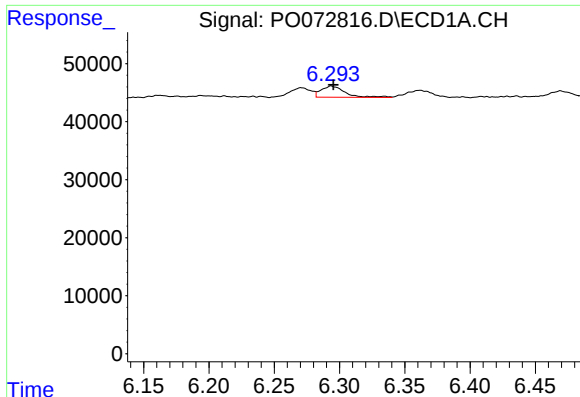
#16 AR-1242-1

R.T.: 6.271 min
Delta R.T.: 0.000 min
Response: 17724
Conc: 12.74 ng/ml



#16 AR-1242-1

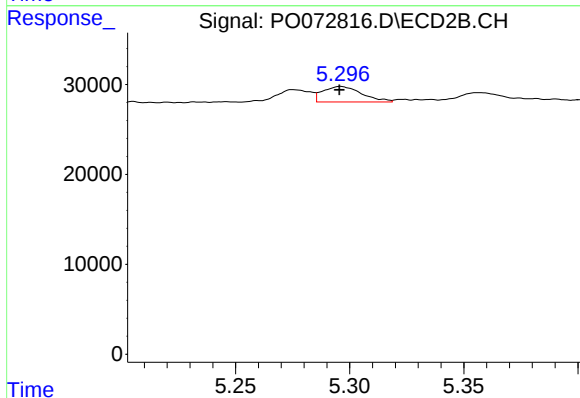
R.T.: 5.275 min
Delta R.T.: 0.000 min
Response: 14343
Conc: 12.20 ng/ml



#17 AR-1242-2

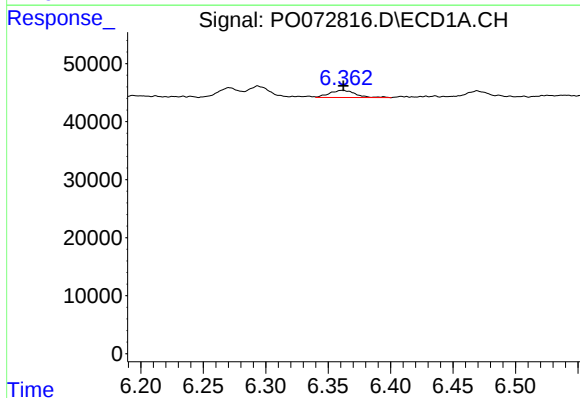
R.T.: 6.294 min
Delta R.T.: -0.001 min
Response: 24440
Conc: 12.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



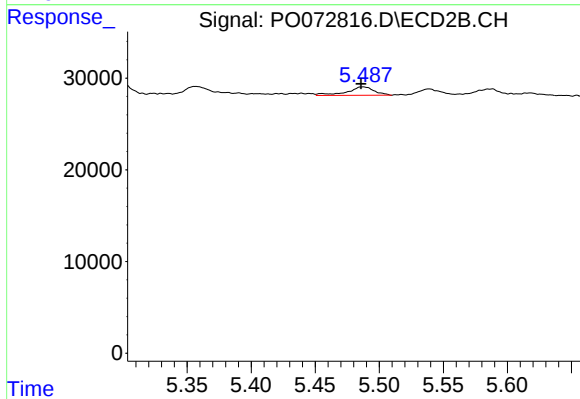
#17 AR-1242-2

R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 20403
Conc: 12.85 ng/ml



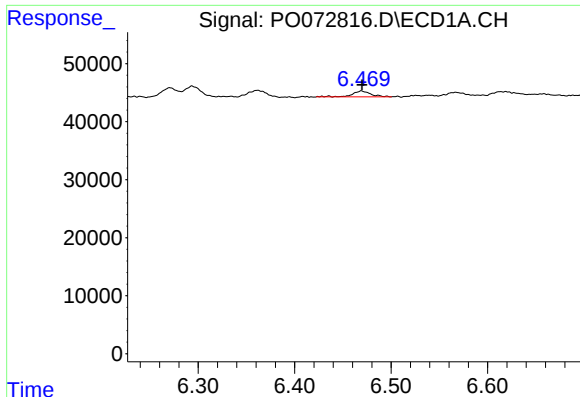
#18 AR-1242-3

R.T.: 6.362 min
Delta R.T.: 0.000 min
Response: 17798
Conc: 15.03 ng/ml



#18 AR-1242-3

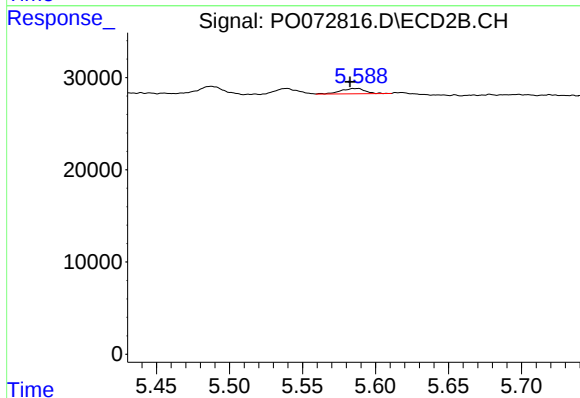
R.T.: 5.488 min
Delta R.T.: 0.002 min
Response: 13621
Conc: 15.76 ng/ml



#19 AR-1242-4

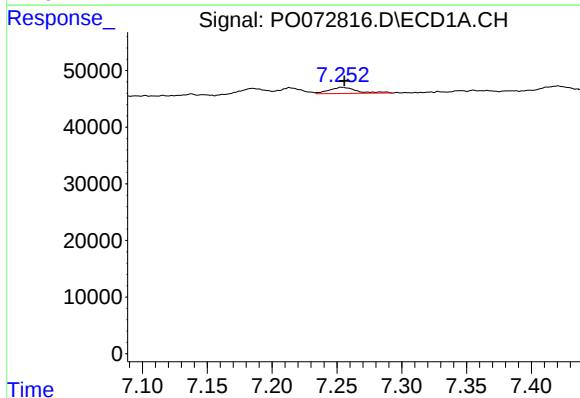
R.T.: 6.469 min
Delta R.T.: 0.000 min
Response: 12958
Conc: 13.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



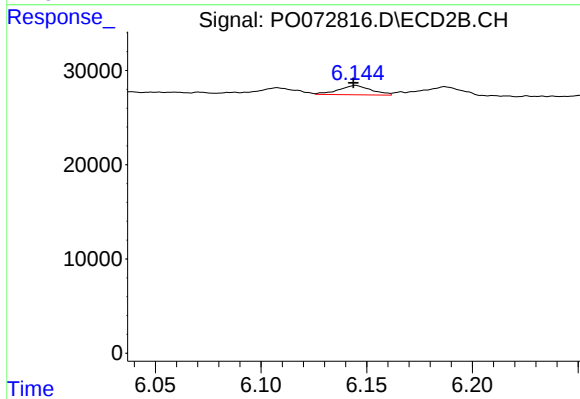
#19 AR-1242-4

R.T.: 5.588 min
Delta R.T.: 0.006 min
Response: 6945
Conc: 8.37 ng/ml



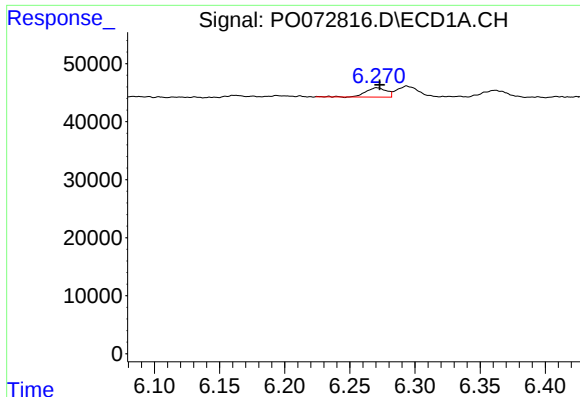
#20 AR-1242-5

R.T.: 7.254 min
Delta R.T.: -0.002 min
Response: 16450
Conc: 16.06 ng/ml



#20 AR-1242-5

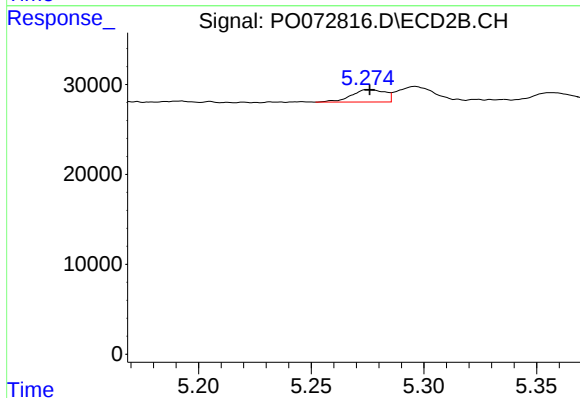
R.T.: 6.145 min
Delta R.T.: 0.001 min
Response: 10790
Conc: 10.06 ng/ml



#21 AR-1248-1

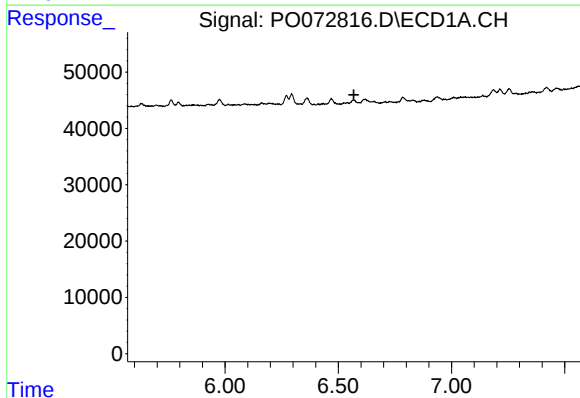
R.T.: 6.271 min
Delta R.T.: -0.002 min
Response: 17724
Conc: 17.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



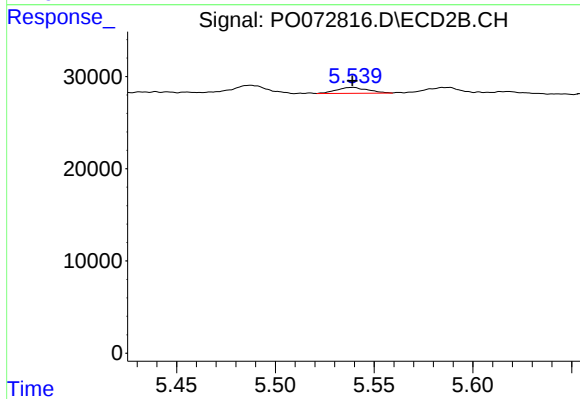
#21 AR-1248-1

R.T.: 5.275 min
Delta R.T.: 0.000 min
Response: 14343
Conc: 15.13 ng/ml



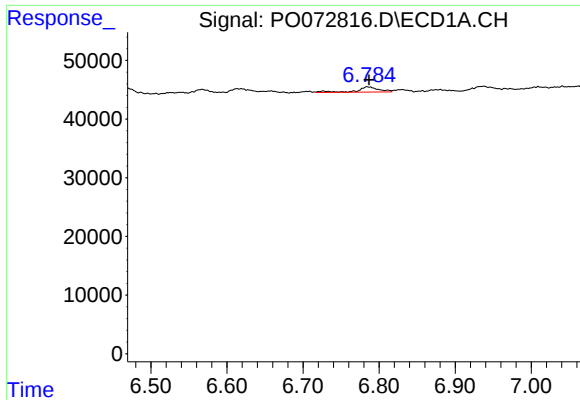
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 6.569 min
Response: 0
Conc: N.D.



#22 AR-1248-2

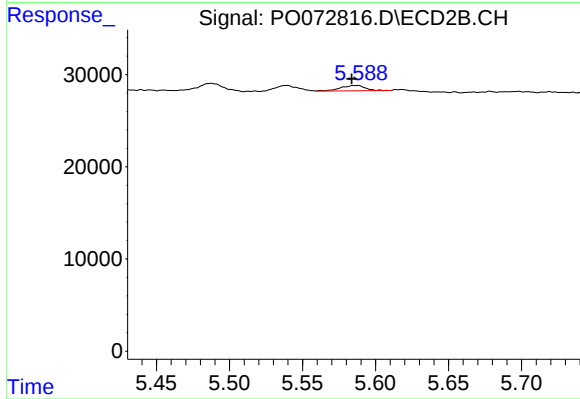
R.T.: 5.539 min
Delta R.T.: 0.000 min
Response: 7224
Conc: 5.74 ng/ml



#23 AR-1248-3

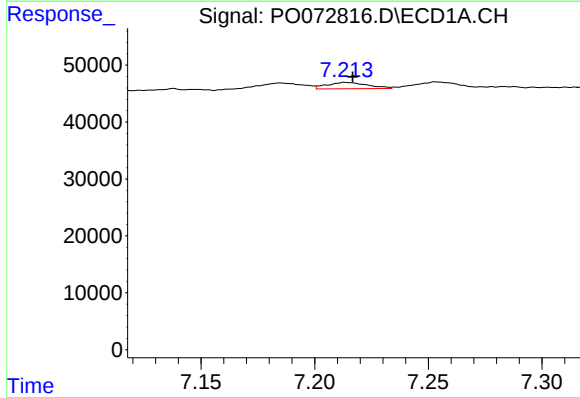
R.T.: 6.784 min
Delta R.T.: -0.002 min
Response: 17200
Conc: 11.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



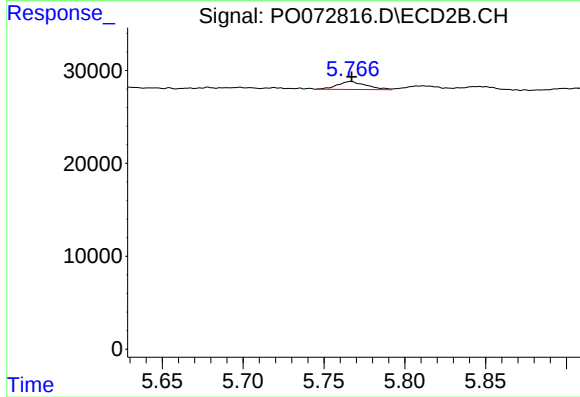
#23 AR-1248-3

R.T.: 5.588 min
Delta R.T.: 0.005 min
Response: 6945
Conc: 5.37 ng/ml



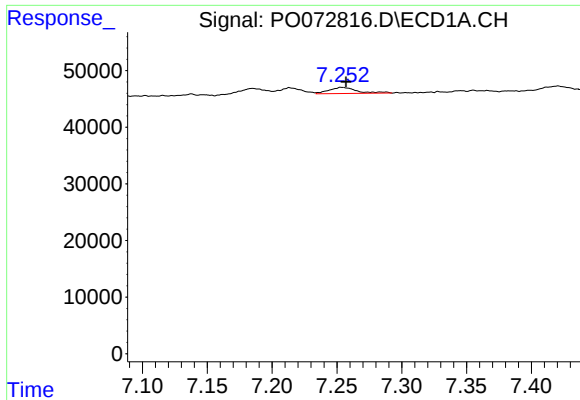
#24 AR-1248-4

R.T.: 7.214 min
Delta R.T.: -0.003 min
Response: 13780
Conc: 7.63 ng/ml



#24 AR-1248-4

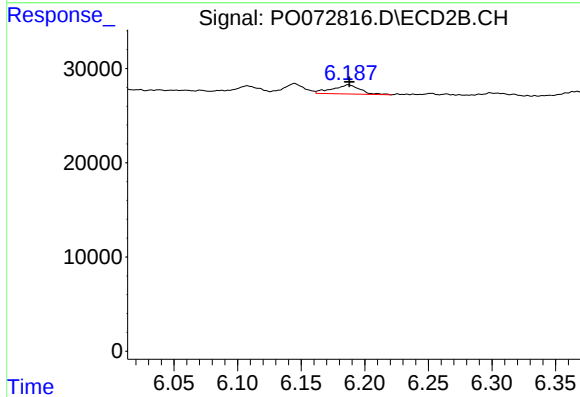
R.T.: 5.767 min
Delta R.T.: 0.000 min
Response: 10413
Conc: 6.70 ng/ml



#25 AR-1248-5

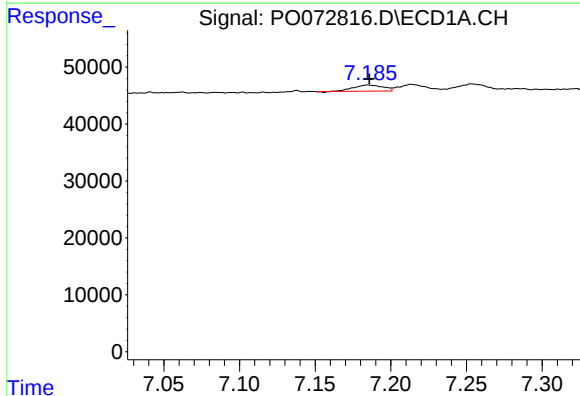
R.T.: 7.254 min
Delta R.T.: -0.003 min
Response: 16450
Conc: 9.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



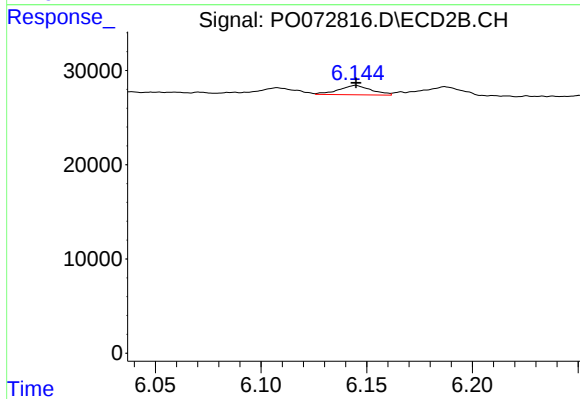
#25 AR-1248-5

R.T.: 6.187 min
Delta R.T.: 0.000 min
Response: 14363
Conc: 9.33 ng/ml



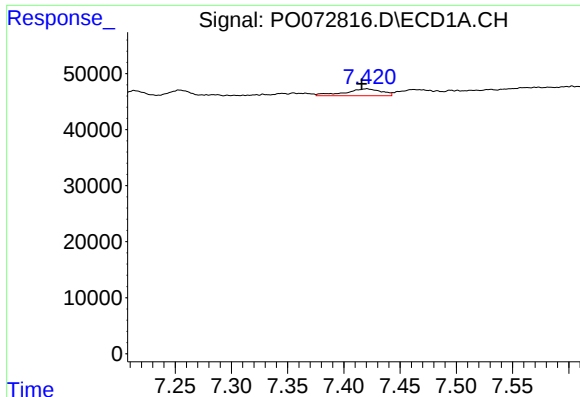
#26 AR-1254-1

R.T.: 7.185 min
Delta R.T.: 0.000 min
Response: 14460
Conc: 8.34 ng/ml



#26 AR-1254-1

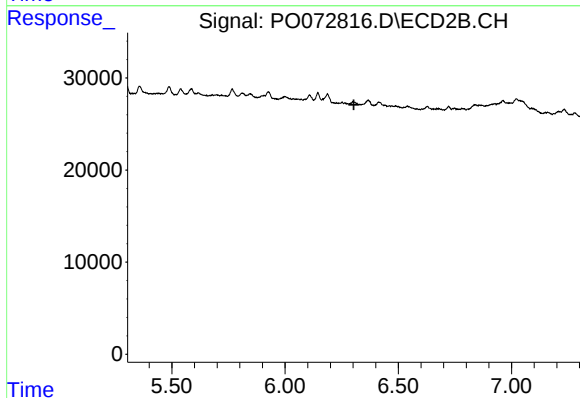
R.T.: 6.145 min
Delta R.T.: 0.000 min
Response: 10790
Conc: 4.79 ng/ml



#27 AR-1254-2

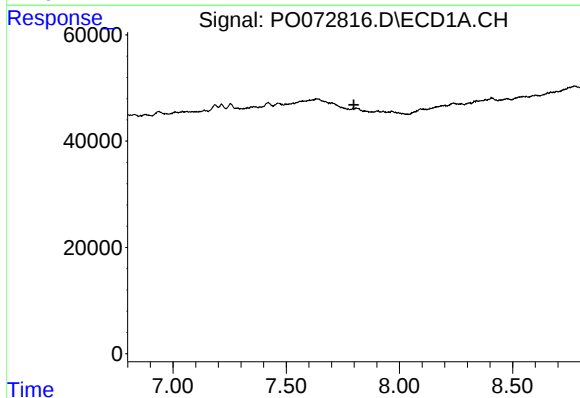
R.T.: 7.420 min
Delta R.T.: 0.004 min
Response: 28088
Conc: 10.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



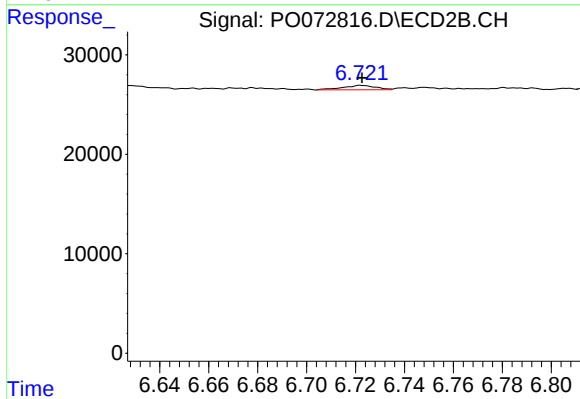
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 6.304 min
Response: 0
Conc: N.D.



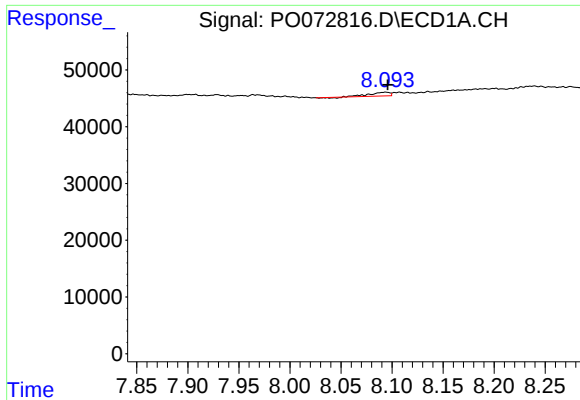
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 7.799 min
Response: 0
Conc: N.D.



#28 AR-1254-3

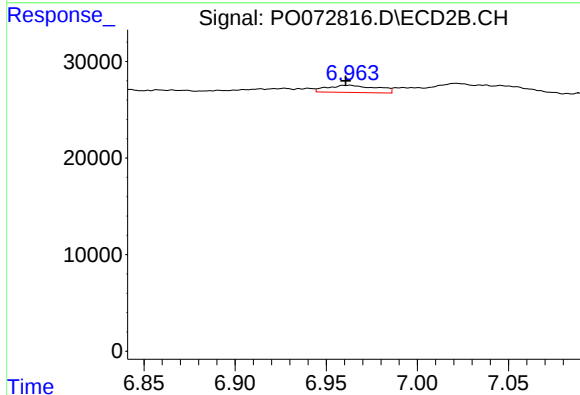
R.T.: 6.722 min
Delta R.T.: 0.000 min
Response: 4115
Conc: 1.30 ng/ml



#29 AR-1254-4

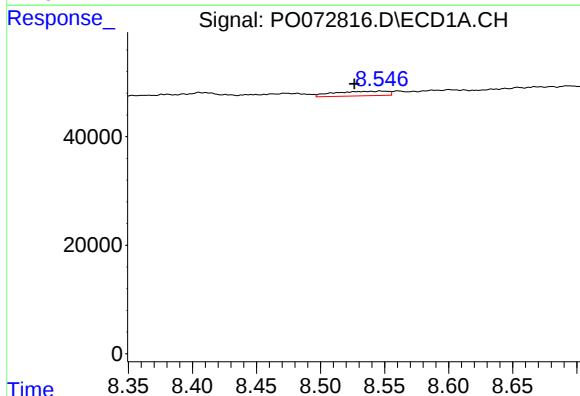
R.T.: 8.094 min
Delta R.T.: -0.002 min
Response: 8673
Conc: 3.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



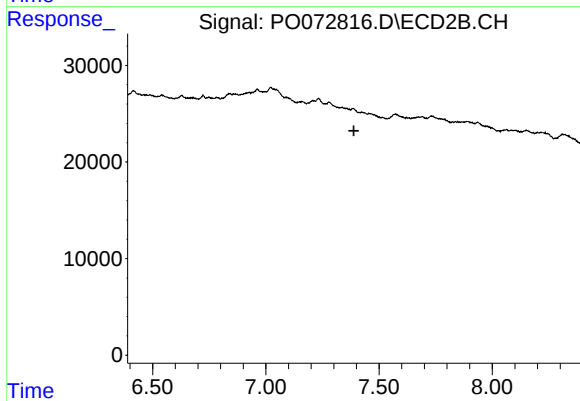
#29 AR-1254-4

R.T.: 6.963 min
Delta R.T.: 0.002 min
Response: 14116
Conc: 6.49 ng/ml



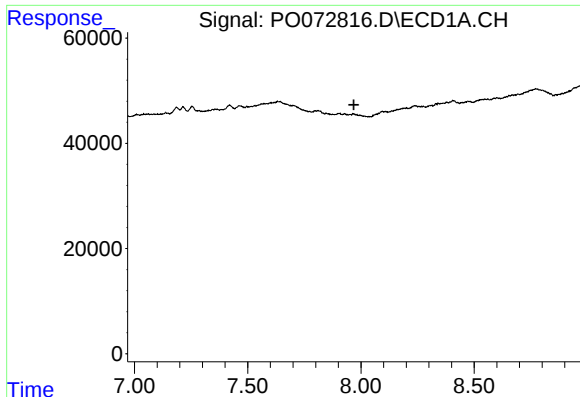
#30 AR-1254-5

R.T.: 8.547 min
Delta R.T.: 0.020 min
Response: 24670
Conc: 11.21 ng/ml



#30 AR-1254-5

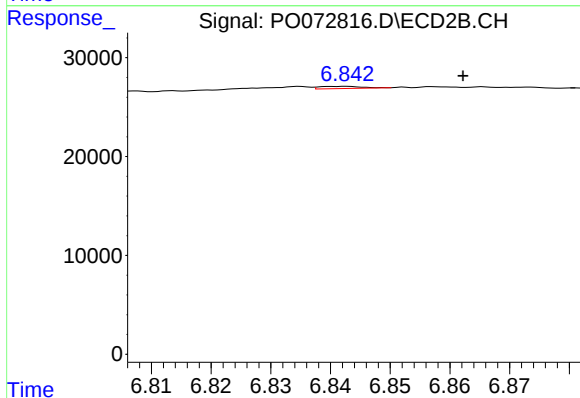
R.T.: 0.000 min
Exp R.T.: 7.389 min
Response: 0
Conc: N.D.



#31 AR-1260-1

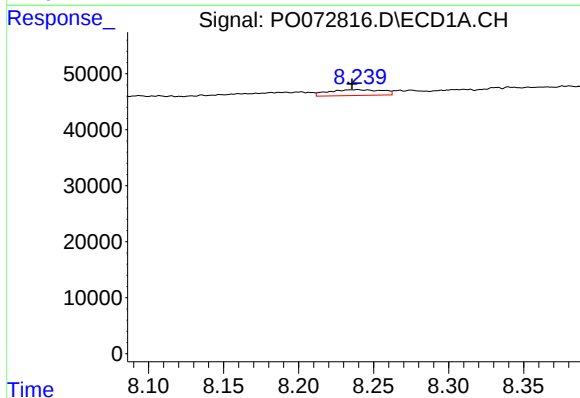
R.T.: 0.000 min
Exp R.T.: 7.969 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



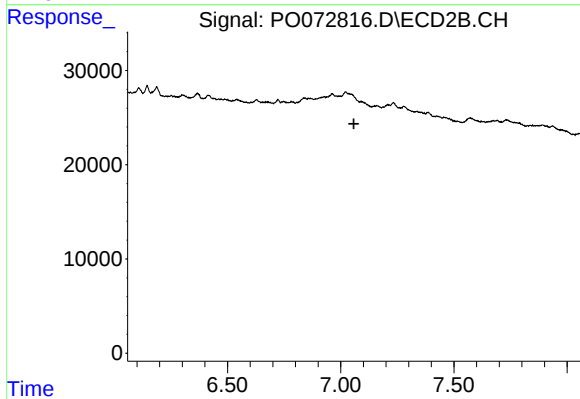
#31 AR-1260-1

R.T.: 6.843 min
Delta R.T.: -0.020 min
Response: 1068
Conc: 0.54 ng/ml



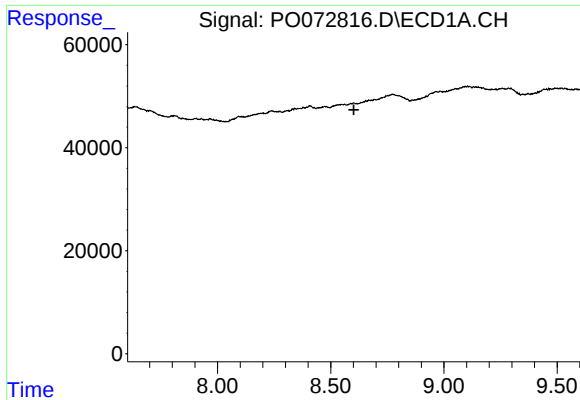
#32 AR-1260-2

R.T.: 8.239 min
Delta R.T.: 0.004 min
Response: 26107
Conc: 11.49 ng/ml



#32 AR-1260-2

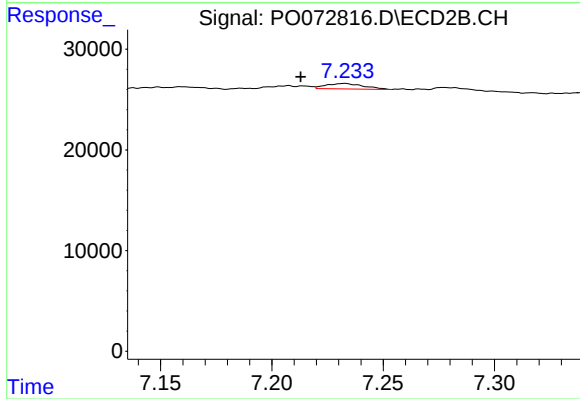
R.T.: 0.000 min
Exp R.T.: 7.058 min
Response: 0
Conc: N.D.



#33 AR-1260-3

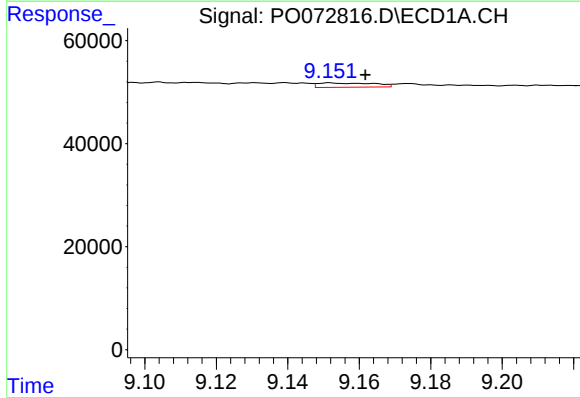
R.T.: 0.000 min
Exp R.T.: 8.602 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



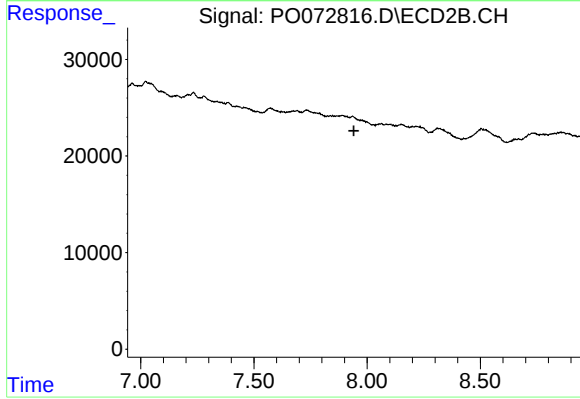
#33 AR-1260-3

R.T.: 7.233 min
Delta R.T.: 0.020 min
Response: 6251
Conc: 2.84 ng/ml



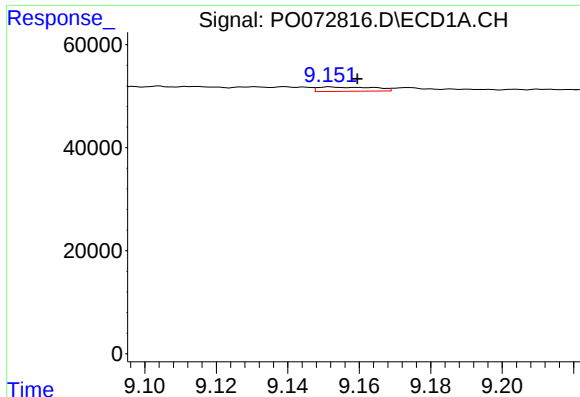
#35 AR-1260-5

R.T.: 9.152 min
Delta R.T.: -0.010 min
Response: 9118
Conc: 2.25 ng/ml



#35 AR-1260-5

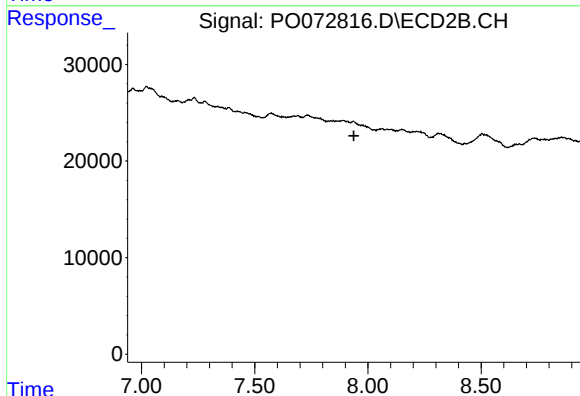
R.T.: 0.000 min
Exp R.T.: 7.941 min
Response: 0
Conc: N.D.



#37 AR-1262-2

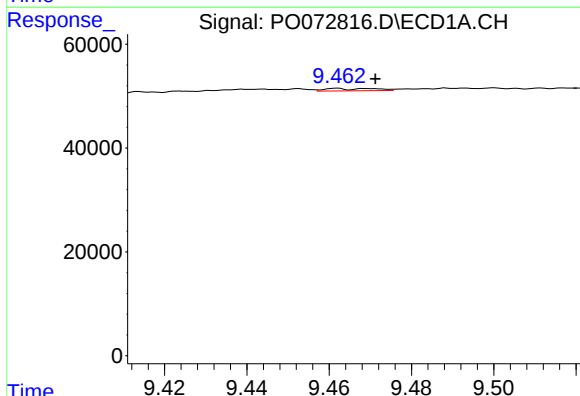
R.T.: 9.152 min
Delta R.T.: -0.008 min
Response: 9118
Conc: 2.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



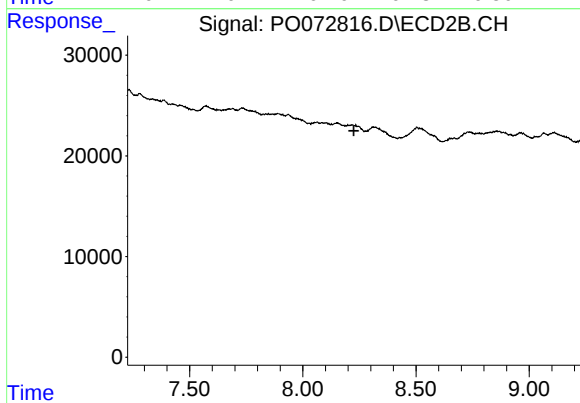
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.938 min
Response: 0
Conc: N.D.



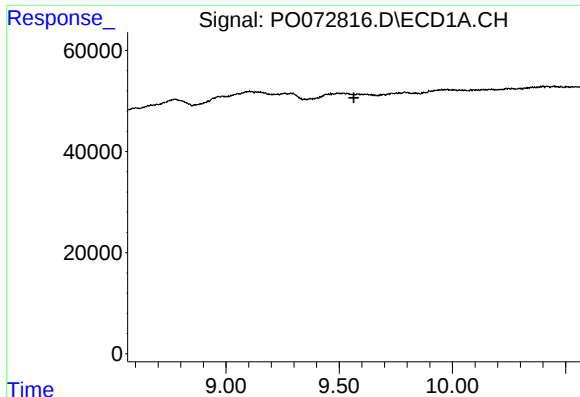
#38 AR-1262-3

R.T.: 9.462 min
Delta R.T.: -0.009 min
Response: 3991
Conc: 1.24 ng/ml



#38 AR-1262-3

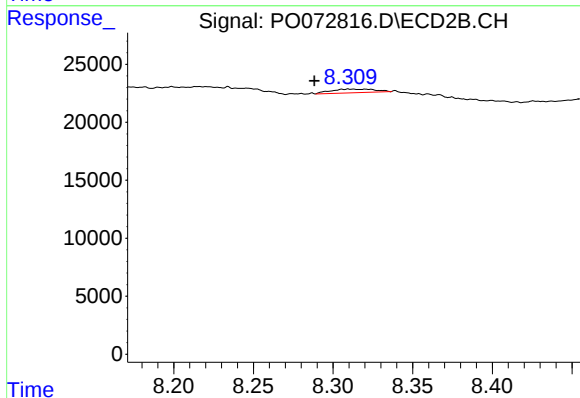
R.T.: 0.000 min
Exp R.T. : 8.225 min
Response: 0
Conc: N.D.



#39 AR-1262-4

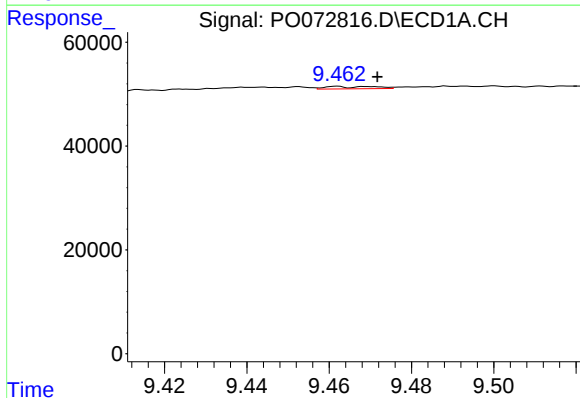
R.T.: 0.000 min
Exp R.T.: 9.565 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



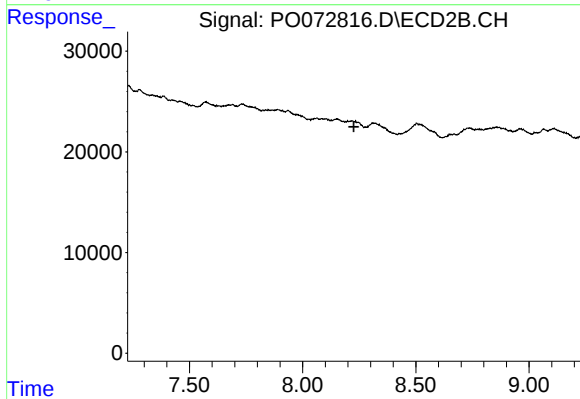
#39 AR-1262-4

R.T.: 8.310 min
Delta R.T.: 0.021 min
Response: 6079
Conc: 1.83 ng/ml



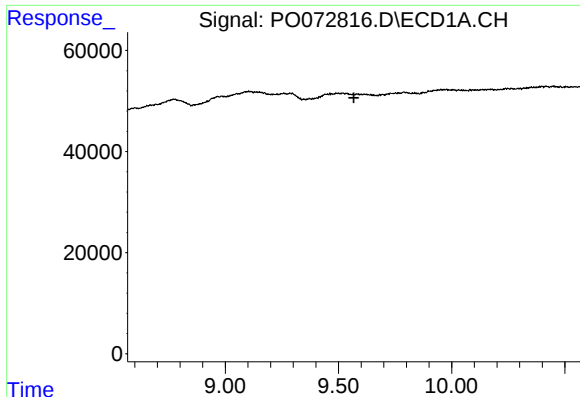
#41 AR-1268-1

R.T.: 9.462 min
Delta R.T.: -0.010 min
Response: 3991
Conc: 0.72 ng/ml



#41 AR-1268-1

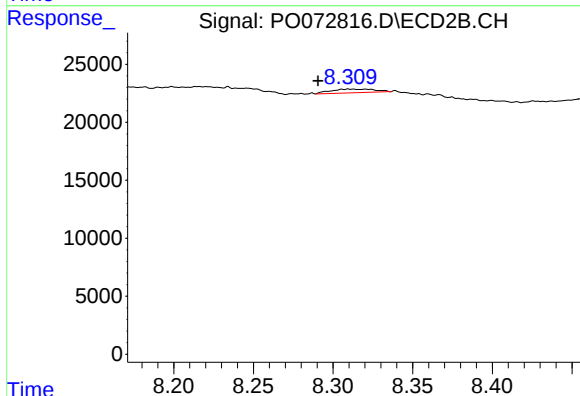
R.T.: 0.000 min
Exp R.T.: 8.227 min
Response: 0
Conc: N.D.



#42 AR-1268-2

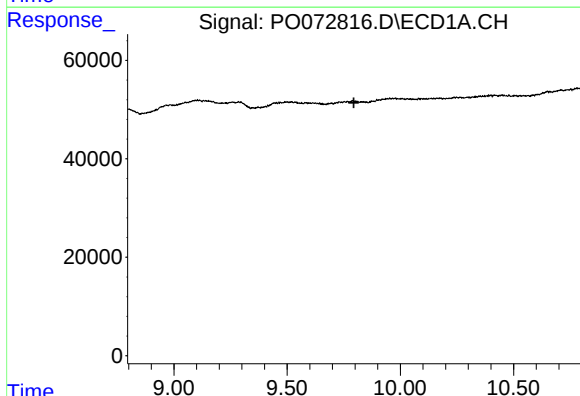
R.T.: 0.000 min
Exp R.T.: 9.568 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



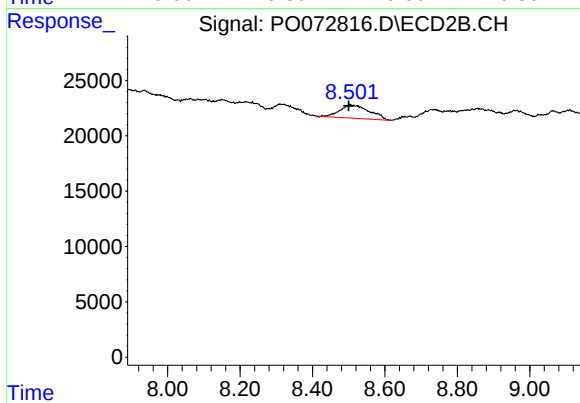
#42 AR-1268-2

R.T.: 8.310 min
Delta R.T.: 0.019 min
Response: 6079
Conc: 1.30 ng/ml



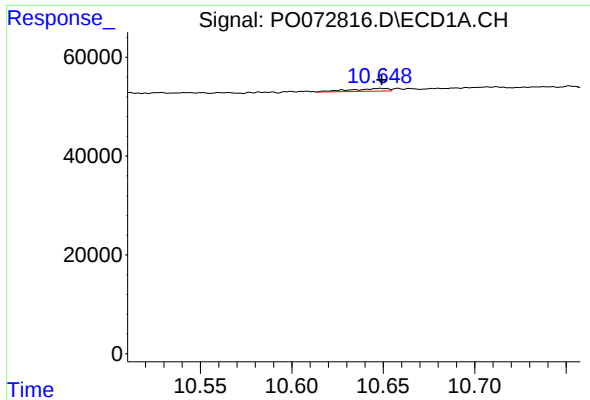
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 9.795 min
Response: 0
Conc: N.D.



#43 AR-1268-3

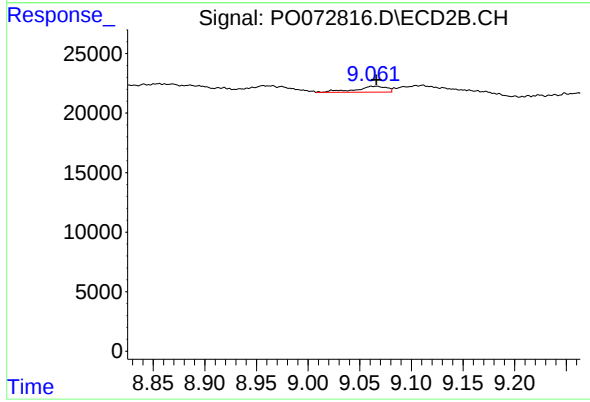
R.T.: 8.503 min
Delta R.T.: 0.003 min
Response: 68720
Conc: 16.33 ng/ml



#45 AR-1268-5

R.T.: 10.648 min
Delta R.T.: 0.000 min
Response: 7964
Conc: 0.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.067 min
Delta R.T.: 0.000 min
Response: 10502
Conc: 0.81 ng/ml