

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0083019\
 Data File : P0060151.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 31 Aug 2019 7:50
 Operator : SM/AJ
 Sample : K4570-03
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 SOUTH-AVENUE-3-ABCD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 13:10:24 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 30 18:12:46 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...	4.121	3.496	1016891	928535	29.044	25.796
2)	SA Decachlor...	9.575	8.348	903690	702212	16.987	17.416
Target Compounds							
3)	L1 AR-1016-1	5.298	0.000	3043	0	1.897	N.D. #
4)	L1 AR-1016-2	5.298	0.000	3043	0	1.272	N.D. #
5)	L1 AR-1016-3	5.351	0.000	2055	0	1.379	N.D. #
6)	L1 AR-1016-4	5.461	0.000	309	0	0.255	N.D. #
8)	L2 AR-1221-1	4.338	0.000	2860	0	6.753	N.D. #
9)	L2 AR-1221-2	4.418	0.000	25815	0	79.481	N.D. #
10)	L2 AR-1221-3	4.507	0.000	3999	0	3.802	N.D. #
11)	L3 AR-1232-1	4.507	0.000	3999	0	3.208	N.D. #
12)	L3 AR-1232-2	5.005	0.000	1885	0	2.668	N.D. #
13)	L3 AR-1232-3	5.298	0.000	3043	0	1.987	N.D. #
14)	L3 AR-1232-4	5.544	0.000	7530	0	9.631	N.D. #
15)	L3 AR-1232-5	5.569	0.000	6295	0	10.472	N.D. #
16)	L4 AR-1242-1	5.298	0.000	3043	0	2.397	N.D. #
17)	L4 AR-1242-2	5.298	0.000	3043	0	1.640	N.D. #
18)	L4 AR-1242-3	5.351	0.000	2055	0	1.758	N.D. #
19)	L4 AR-1242-4	5.544	0.000	7530	0	7.780	N.D. #
20)	L4 AR-1242-5	6.256	0.000	7842	0	6.240	N.D. #
21)	L5 AR-1248-1	5.298	0.000	3043	0	3.035	N.D. #
22)	L5 AR-1248-2	5.544	0.000	7530	0	5.190	N.D. #
23)	L5 AR-1248-3	5.683	0.000	2618	0	1.575	N.D. #
24)	L5 AR-1248-4	6.137	0.000	4913	0	2.403	N.D. #
25)	L5 AR-1248-5	6.137	0.000	4913	0	2.477	N.D. #
26)	L6 AR-1254-1	6.104	0.000	13970	0	6.696	N.D. #
27)	L6 AR-1254-2	6.319	0.000	14792	0	4.434	N.D. #
28)	L6 AR-1254-3	6.684	0.000	15605	0	4.398	N.D. #
29)	L6 AR-1254-4	6.968	0.000	11200	0	3.802	N.D. #
30)	L6 AR-1254-5	7.381	0.000	29477	0	9.532	N.D. #
31)	L7 AR-1260-1	6.841	0.000	16257	0	6.030	N.D. #
32)	L7 AR-1260-2	7.095	0.000	16796	0	4.527	N.D. #
33)	L7 AR-1260-3	7.452	0.000	11814	0	3.606	N.D. #
34)	L7 AR-1260-4	7.672	0.000	62370	0	20.307	N.D. #
35)	L7 AR-1260-5	7.984	0.000	262007	0	37.002	N.D. #
36)	L8 AR-1262-1	7.522	0.000	17537	0	3.614	N.D. #
37)	L8 AR-1262-2	7.984	0.000	262007	0	33.957	N.D. #
38)	L8 AR-1262-3	0.000	7.370	0	7098	N.D.	2.793 #
39)	L8 AR-1262-4	0.000	7.370	0	7098	N.D.	1.606 #
41)	L9 AR-1268-1	0.000	7.370	0	7098	N.D.	0.997 #
42)	L9 AR-1268-2	0.000	7.370	0	7098	N.D.	1.101 #
43)	L9 AR-1268-3	8.547	0.000	950458	0	134.840	N.D. #

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 Operator : SM/AJ
 Sample : K4570-03
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

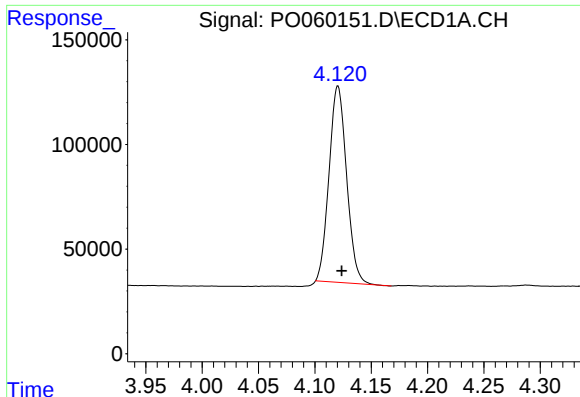
Instrument :
 ECD_O
 ClientSampleId :
 SOUTH-AVENUE-3-ABCD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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
45) L9	AR-1268-5	9.293	8.194	89219	-59640	4.838	N.D. #

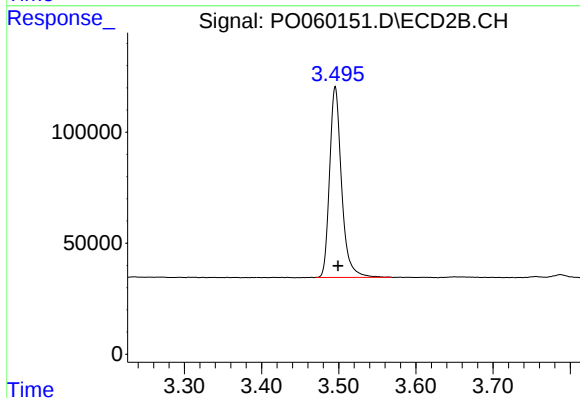
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

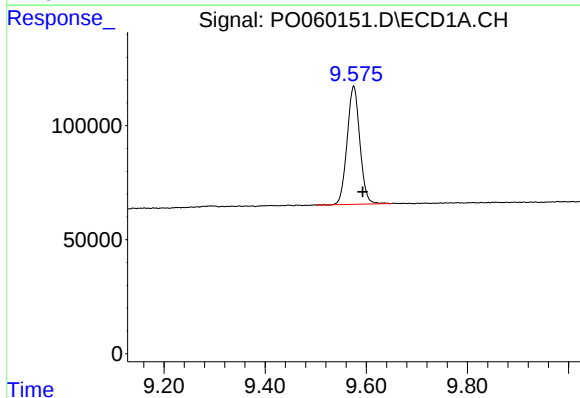
R.T.: 4.121 min
Delta R.T.: -0.003 min
Response: 1016891
Conc: 29.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOUTH-AVENUE-3-ABCD



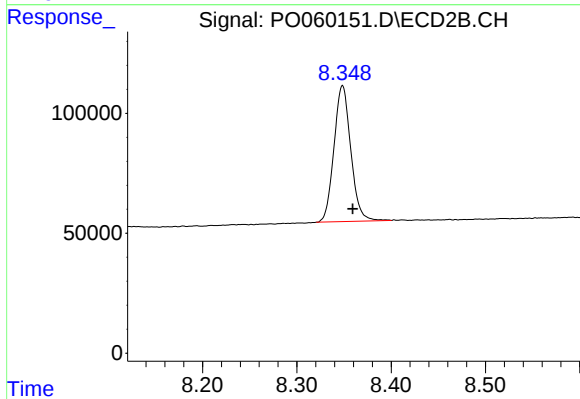
#1 Tetrachloro-m-xylene

R.T.: 3.496 min
Delta R.T.: -0.004 min
Response: 928535
Conc: 25.80 ng/ml



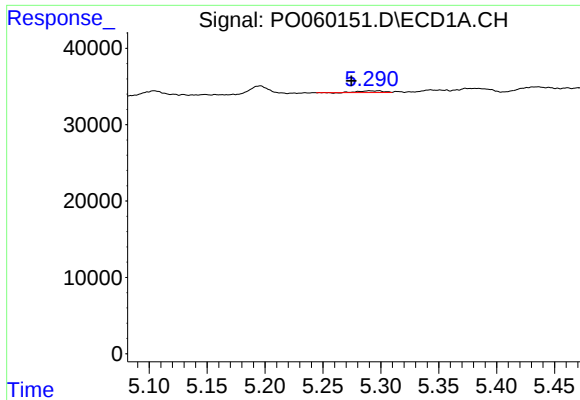
#2 Decachlorobiphenyl

R.T.: 9.575 min
Delta R.T.: -0.018 min
Response: 903690
Conc: 16.99 ng/ml



#2 Decachlorobiphenyl

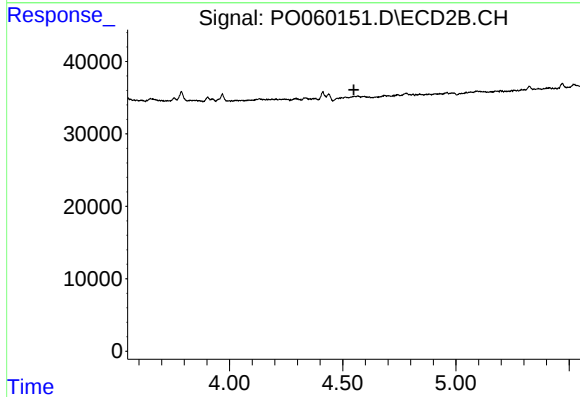
R.T.: 8.348 min
Delta R.T.: -0.011 min
Response: 702212
Conc: 17.42 ng/ml



#3 AR-1016-1

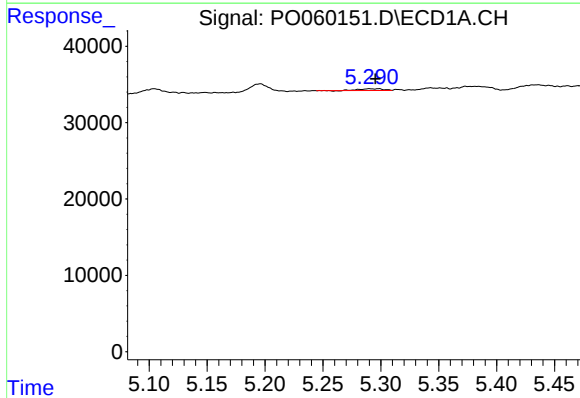
R.T.: 5.298 min
Delta R.T.: 0.024 min
Response: 3043
Conc: 1.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOUTH-AVENUE-3-ABCD



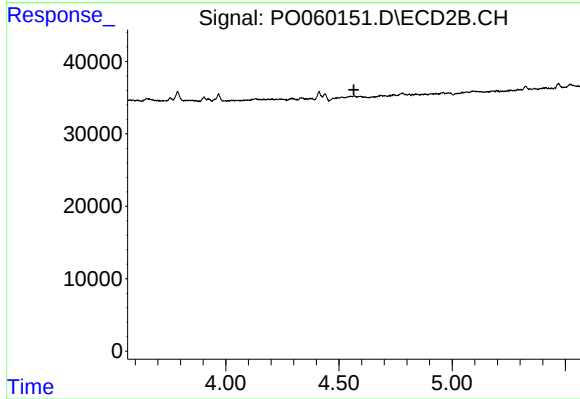
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.550 min
Response: 0
Conc: N.D.



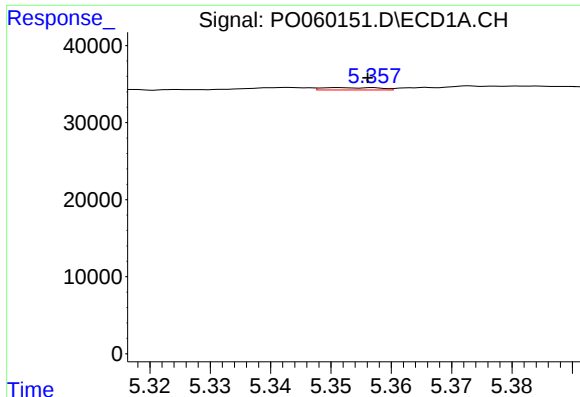
#4 AR-1016-2

R.T.: 5.298 min
Delta R.T.: 0.003 min
Response: 3043
Conc: 1.27 ng/ml



#4 AR-1016-2

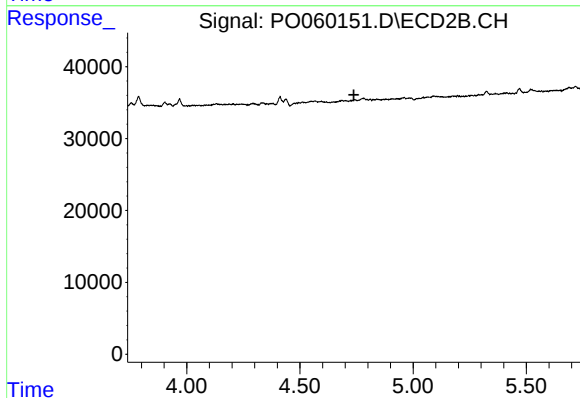
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#5 AR-1016-3

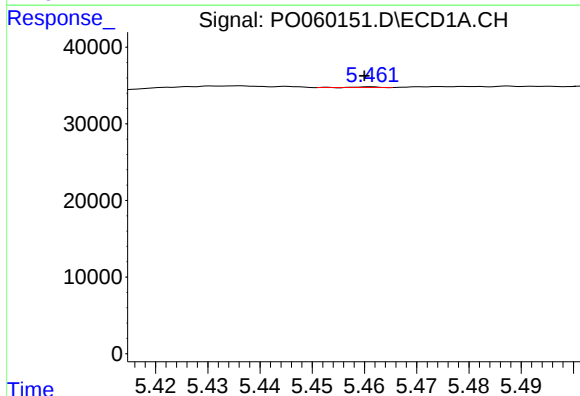
R.T.: 5.351 min
Delta R.T.: -0.005 min
Response: 2055
Conc: 1.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOUTH-AVENUE-3-ABCD



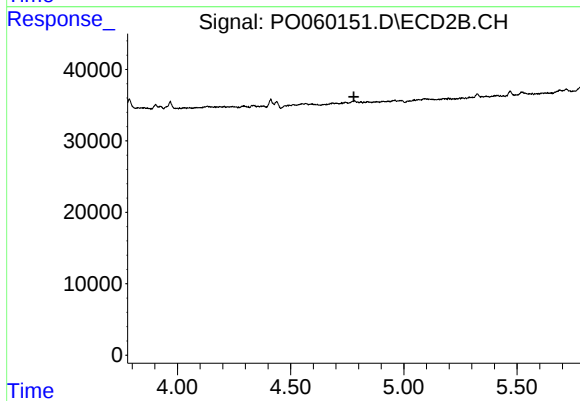
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



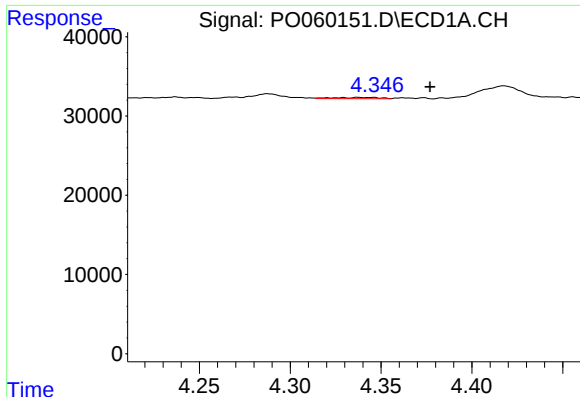
#6 AR-1016-4

R.T.: 5.461 min
Delta R.T.: 0.000 min
Response: 309
Conc: 0.26 ng/ml



#6 AR-1016-4

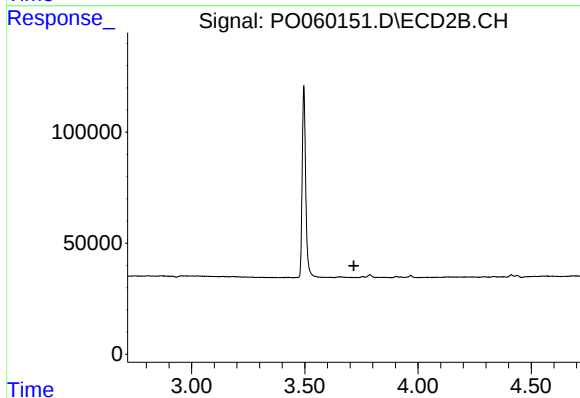
R.T.: 0.000 min
Exp R.T. : 4.779 min
Response: 0
Conc: N.D.



#8 AR-1221-1

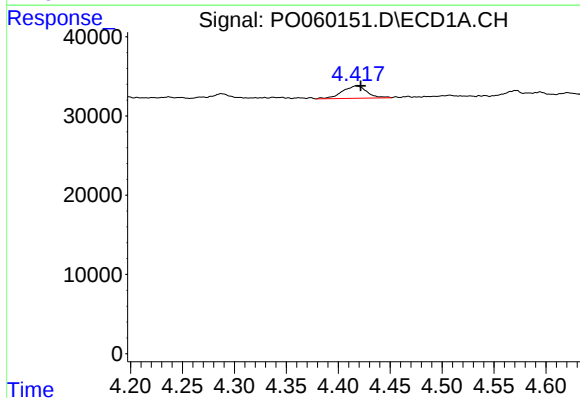
R.T.: 4.338 min
Delta R.T.: -0.039 min
Response: 2860
Conc: 6.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOUTH-AVENUE-3-ABCD



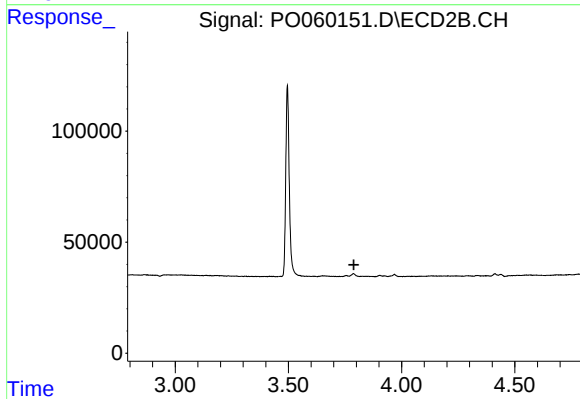
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.717 min
Response: 0
Conc: N.D.



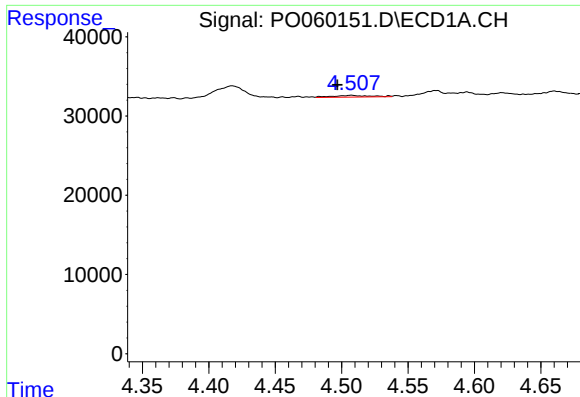
#9 AR-1221-2

R.T.: 4.418 min
Delta R.T.: -0.004 min
Response: 25815
Conc: 79.48 ng/ml



#9 AR-1221-2

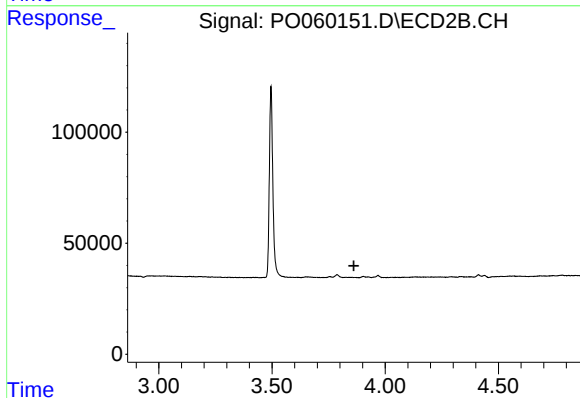
R.T.: 0.000 min
Exp R.T. : 3.789 min
Response: 0
Conc: N.D.



#10 AR-1221-3

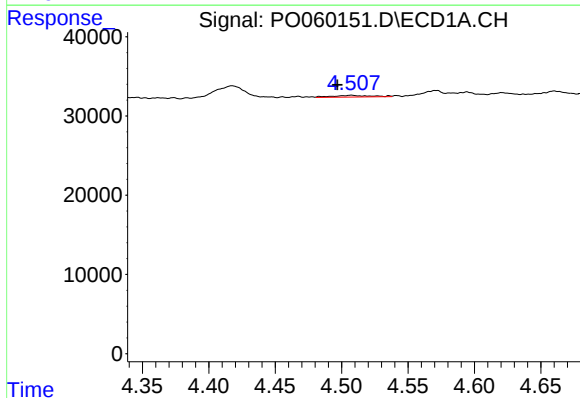
R.T.: 4.507 min
Delta R.T.: 0.011 min
Response: 3999
Conc: 3.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOUTH-AVENUE-3-ABCD



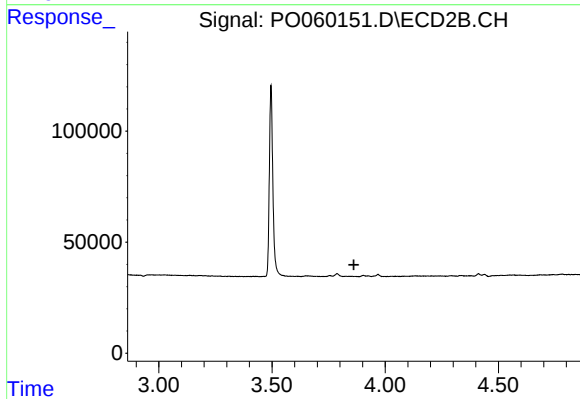
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 3.862 min
Response: 0
Conc: N.D.



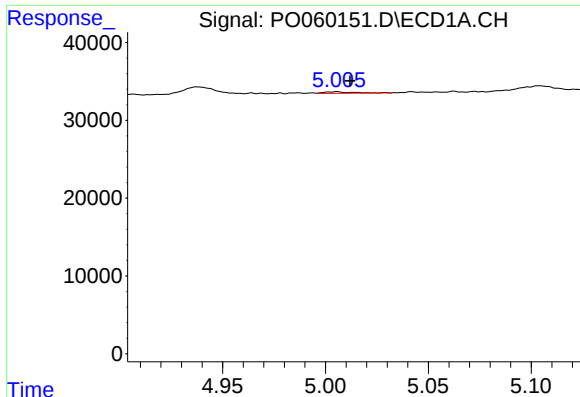
#11 AR-1232-1

R.T.: 4.507 min
Delta R.T.: 0.011 min
Response: 3999
Conc: 3.21 ng/ml



#11 AR-1232-1

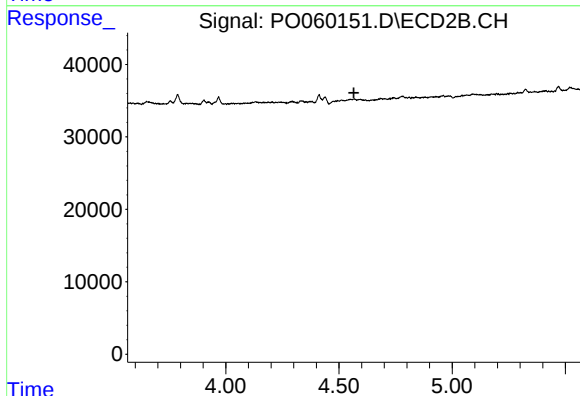
R.T.: 0.000 min
Exp R.T. : 3.862 min
Response: 0
Conc: N.D.



#12 AR-1232-2

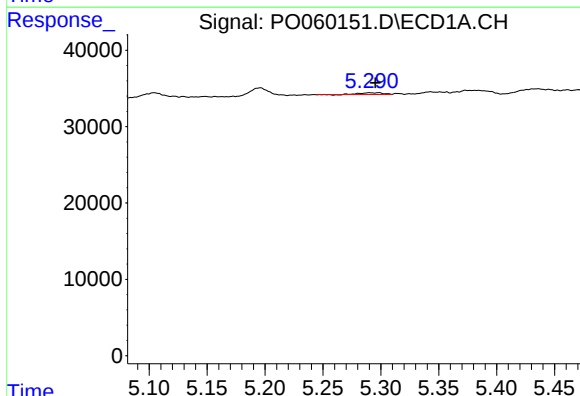
R.T.: 5.005 min
Delta R.T.: -0.006 min
Response: 1885
Conc: 2.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOUTH-AVENUE-3-ABCD



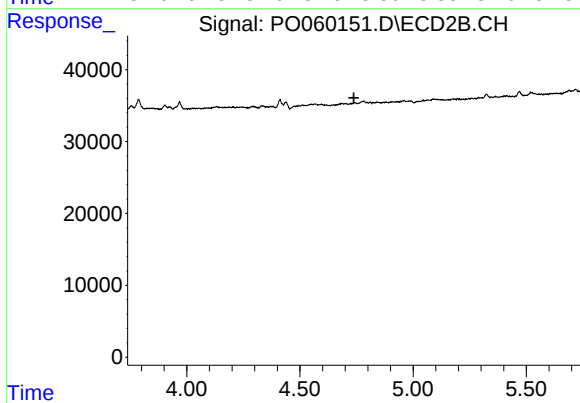
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



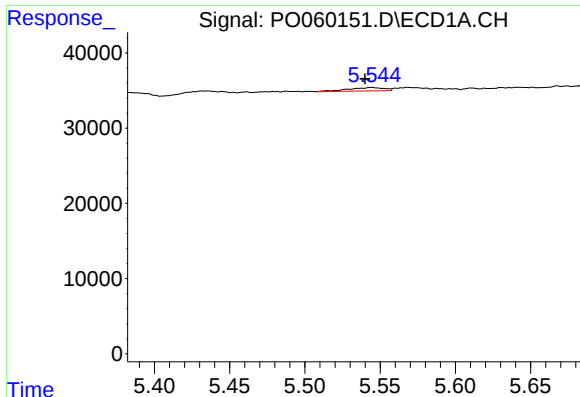
#13 AR-1232-3

R.T.: 5.298 min
Delta R.T.: 0.003 min
Response: 3043
Conc: 1.99 ng/ml



#13 AR-1232-3

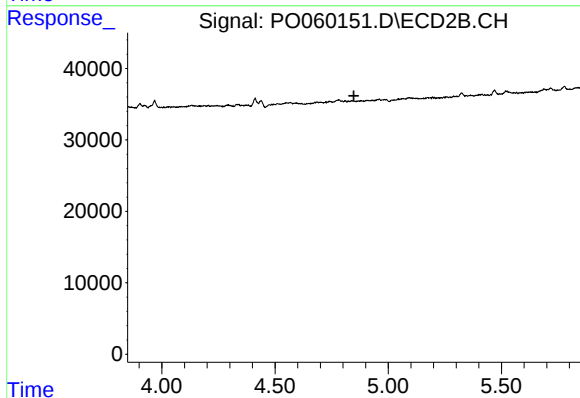
R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



#14 AR-1232-4

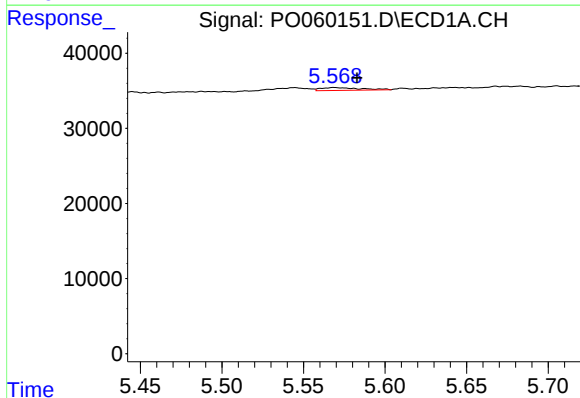
R.T.: 5.544 min
Delta R.T.: 0.004 min
Response: 7530
Conc: 9.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOUTH-AVENUE-3-ABCD



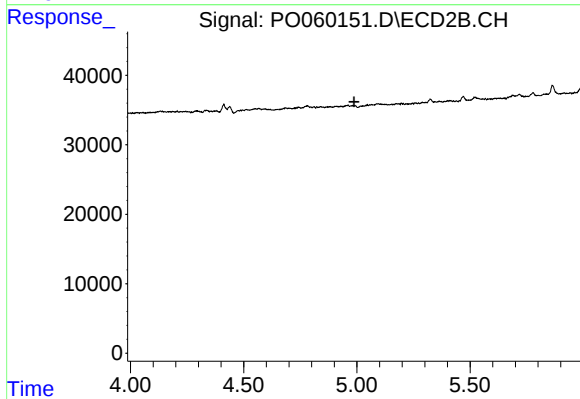
#14 AR-1232-4

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



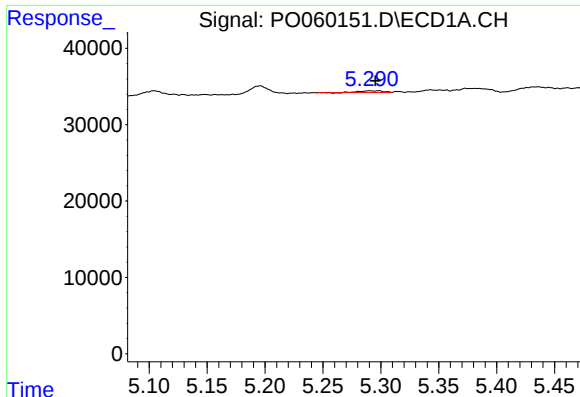
#15 AR-1232-5

R.T.: 5.569 min
Delta R.T.: -0.014 min
Response: 6295
Conc: 10.47 ng/ml



#15 AR-1232-5

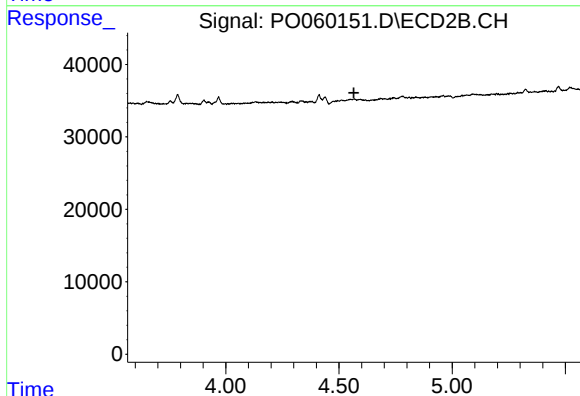
R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



#16 AR-1242-1

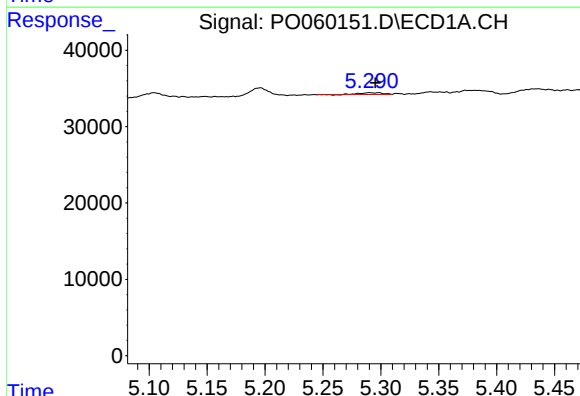
R.T.: 5.298 min
Delta R.T.: 0.003 min
Response: 3043
Conc: 2.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOUTH-AVENUE-3-ABCD



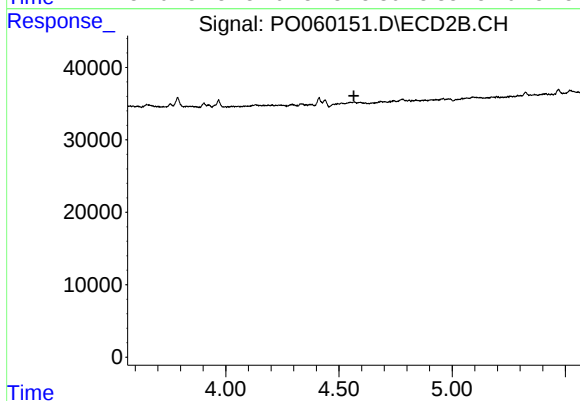
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



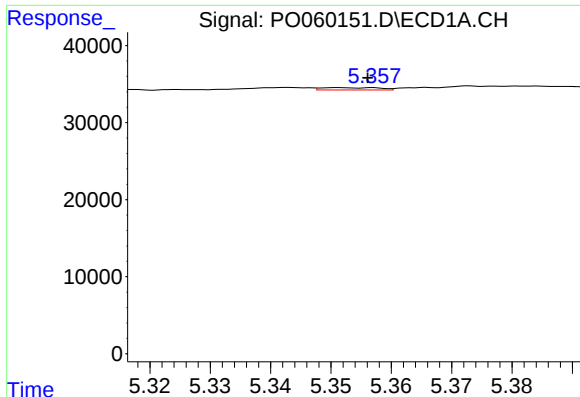
#17 AR-1242-2

R.T.: 5.298 min
Delta R.T.: 0.003 min
Response: 3043
Conc: 1.64 ng/ml



#17 AR-1242-2

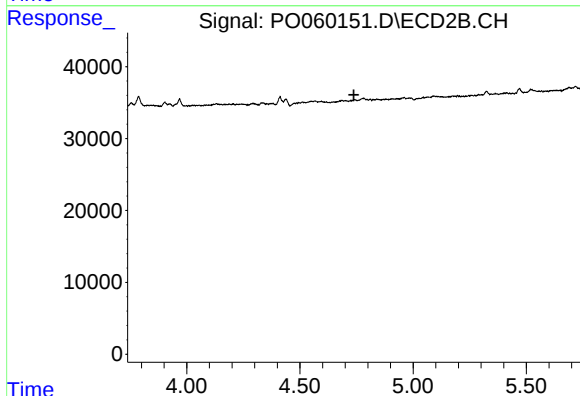
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#18 AR-1242-3

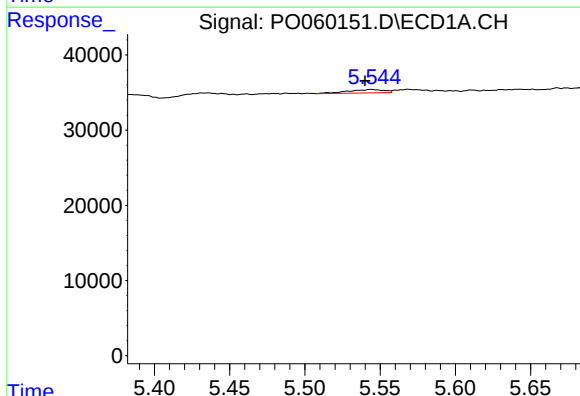
R.T.: 5.351 min
Delta R.T.: -0.005 min
Response: 2055
Conc: 1.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOUTH-AVENUE-3-ABCD



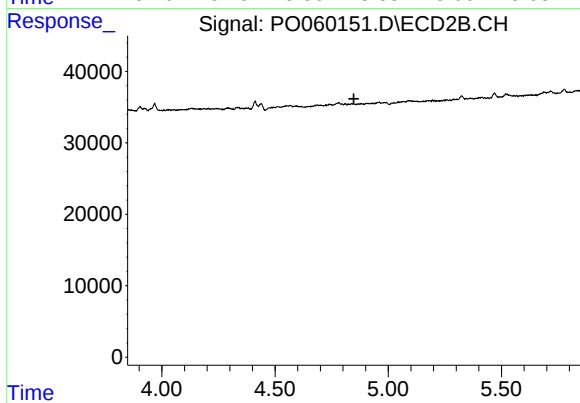
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



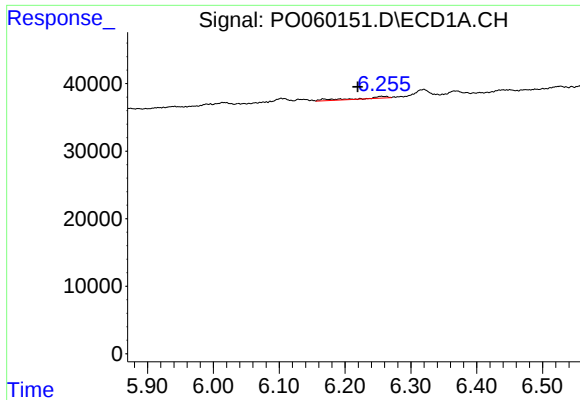
#19 AR-1242-4

R.T.: 5.544 min
Delta R.T.: 0.004 min
Response: 7530
Conc: 7.78 ng/ml



#19 AR-1242-4

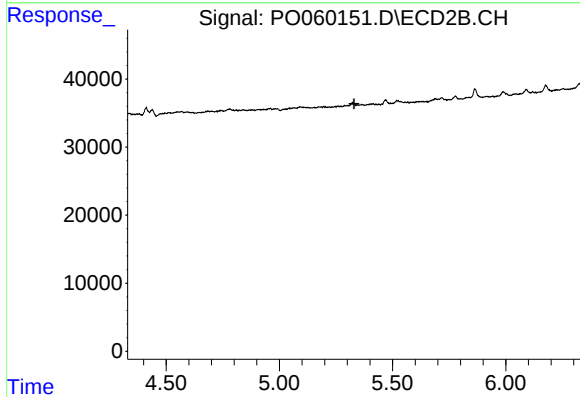
R.T.: 0.000 min
Exp R.T. : 4.848 min
Response: 0
Conc: N.D.



#20 AR-1242-5

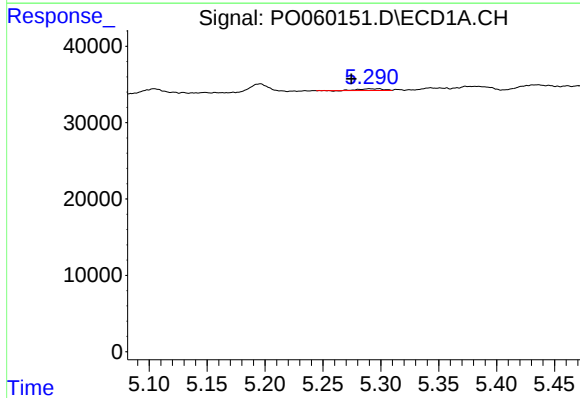
R.T.: 6.256 min
Delta R.T.: 0.037 min
Response: 7842
Conc: 6.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOUTH-AVENUE-3-ABCD



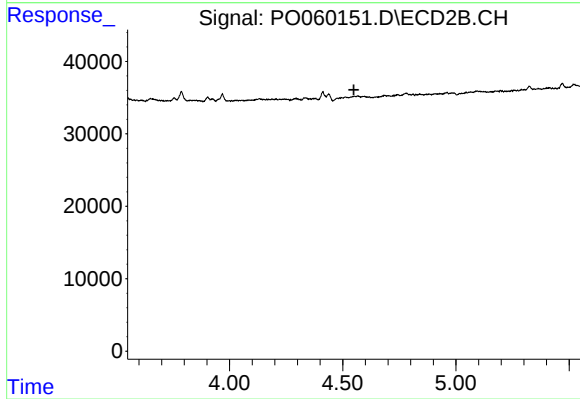
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



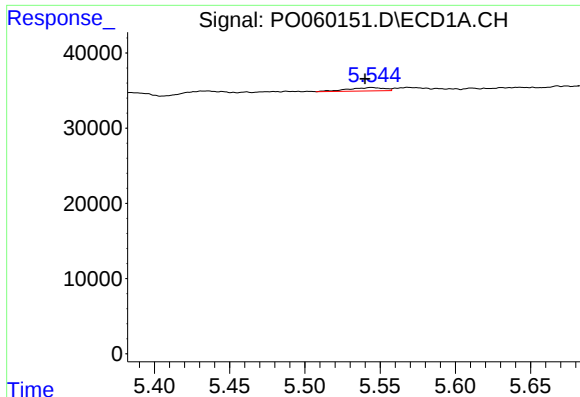
#21 AR-1248-1

R.T.: 5.298 min
Delta R.T.: 0.024 min
Response: 3043
Conc: 3.03 ng/ml



#21 AR-1248-1

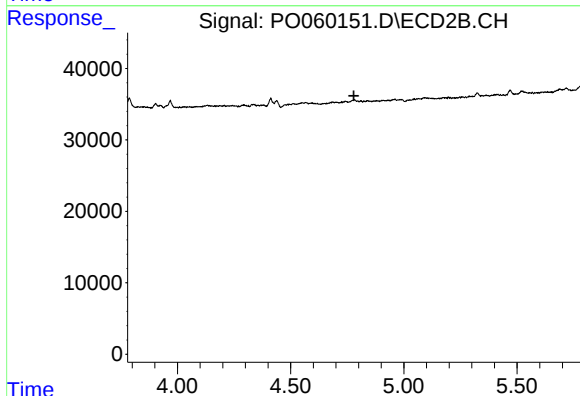
R.T.: 0.000 min
Exp R.T. : 4.550 min
Response: 0
Conc: N.D.



#22 AR-1248-2

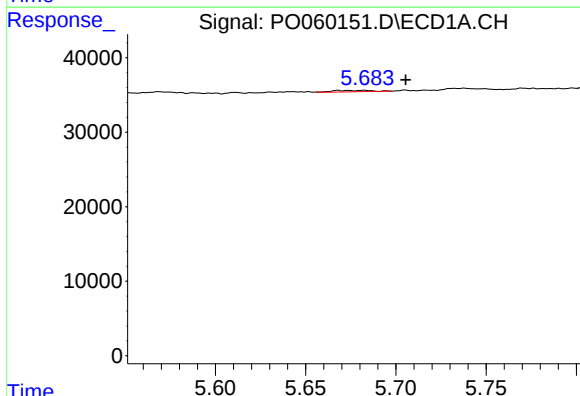
R.T.: 5.544 min
Delta R.T.: 0.004 min
Response: 7530
Conc: 5.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOUTH-AVENUE-3-ABCD



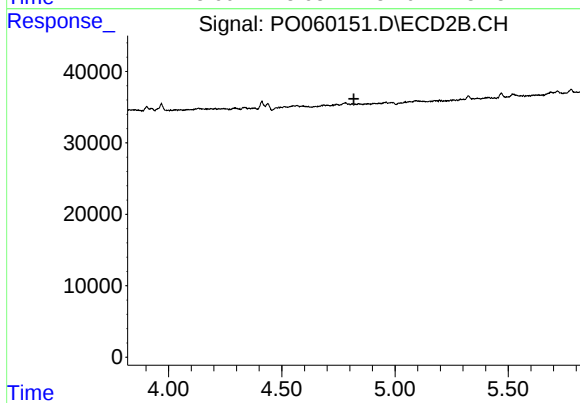
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 4.779 min
Response: 0
Conc: N.D.



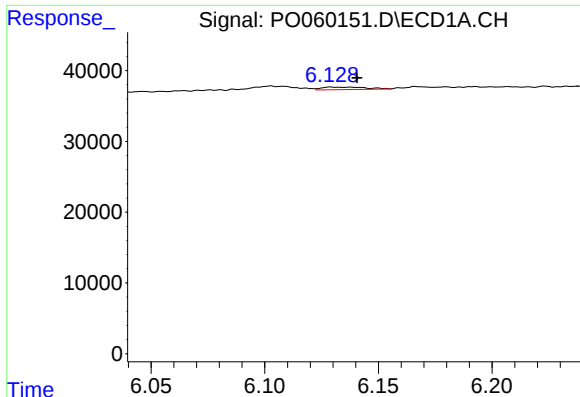
#23 AR-1248-3

R.T.: 5.683 min
Delta R.T.: -0.023 min
Response: 2618
Conc: 1.58 ng/ml



#23 AR-1248-3

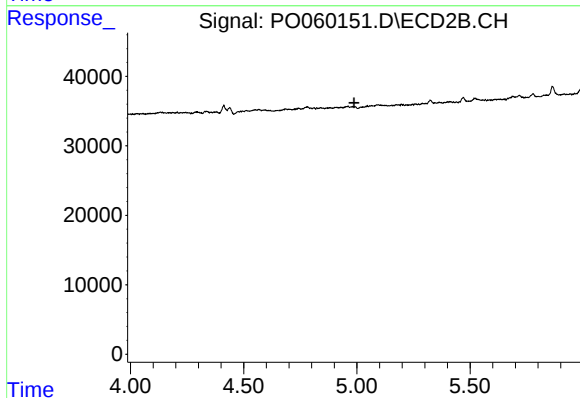
R.T.: 0.000 min
Exp R.T. : 4.819 min
Response: 0
Conc: N.D.



#24 AR-1248-4

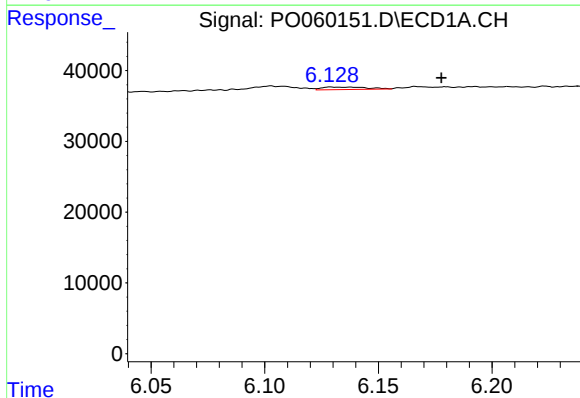
R.T.: 6.137 min
Delta R.T.: -0.004 min
Response: 4913
Conc: 2.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOUTH-AVENUE-3-ABCD



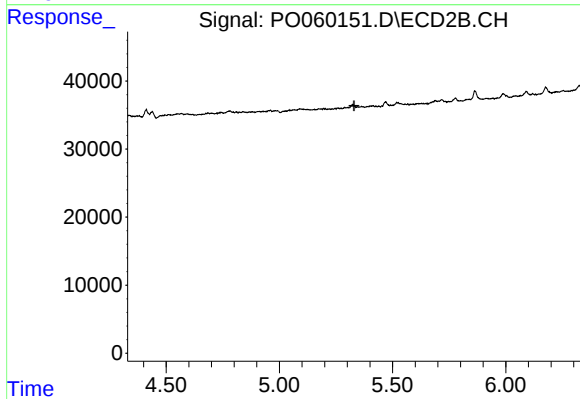
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



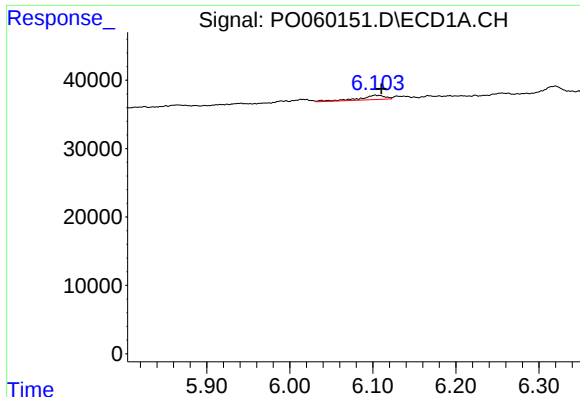
#25 AR-1248-5

R.T.: 6.137 min
Delta R.T.: -0.041 min
Response: 4913
Conc: 2.48 ng/ml



#25 AR-1248-5

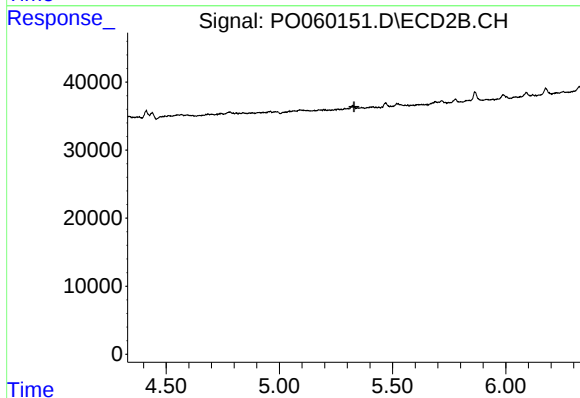
R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



#26 AR-1254-1

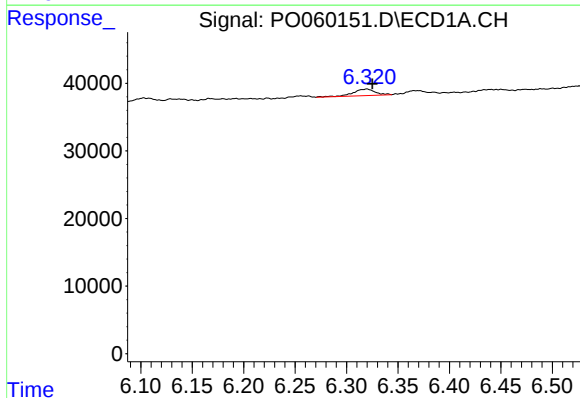
R.T.: 6.104 min
Delta R.T.: -0.006 min
Response: 13970
Conc: 6.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOUTH-AVENUE-3-ABCD



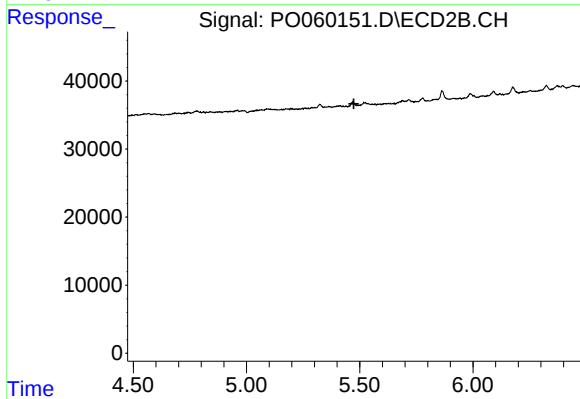
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



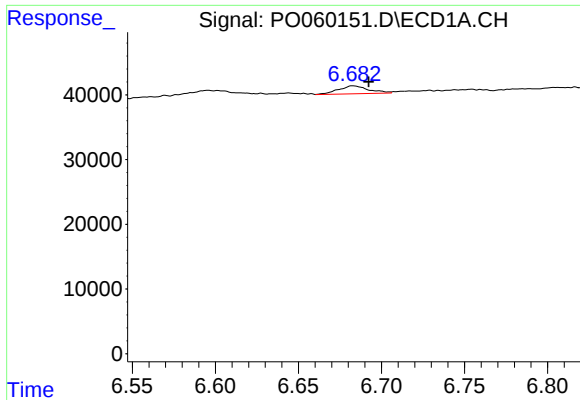
#27 AR-1254-2

R.T.: 6.319 min
Delta R.T.: -0.006 min
Response: 14792
Conc: 4.43 ng/ml



#27 AR-1254-2

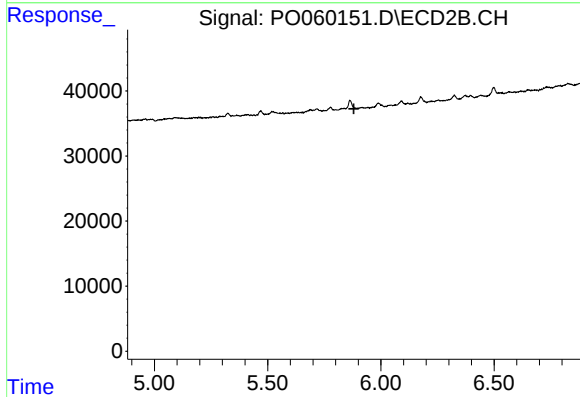
R.T.: 0.000 min
Exp R.T. : 5.474 min
Response: 0
Conc: N.D.



#28 AR-1254-3

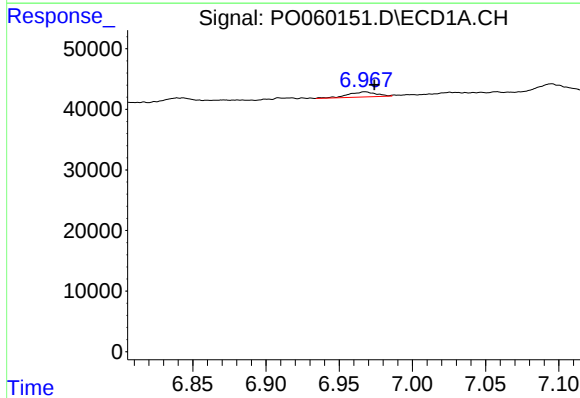
R.T.: 6.684 min
Delta R.T.: -0.009 min
Response: 15605
Conc: 4.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOUTH-AVENUE-3-ABCD



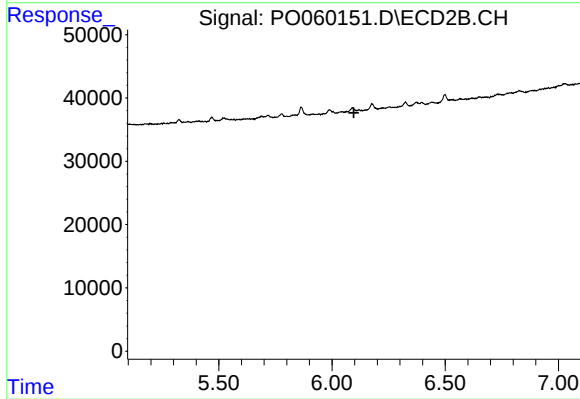
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 5.881 min
Response: 0
Conc: N.D.



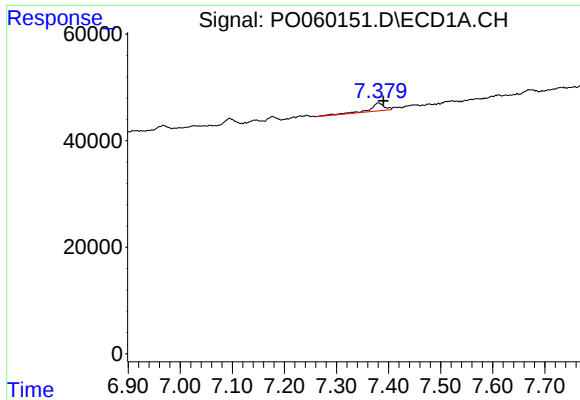
#29 AR-1254-4

R.T.: 6.968 min
Delta R.T.: -0.006 min
Response: 11200
Conc: 3.80 ng/ml



#29 AR-1254-4

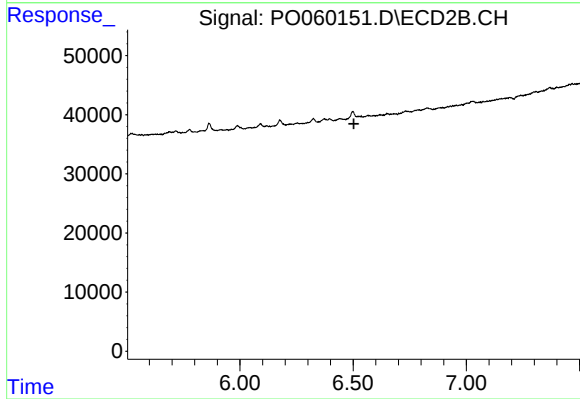
R.T.: 0.000 min
Exp R.T. : 6.097 min
Response: 0
Conc: N.D.



#30 AR-1254-5

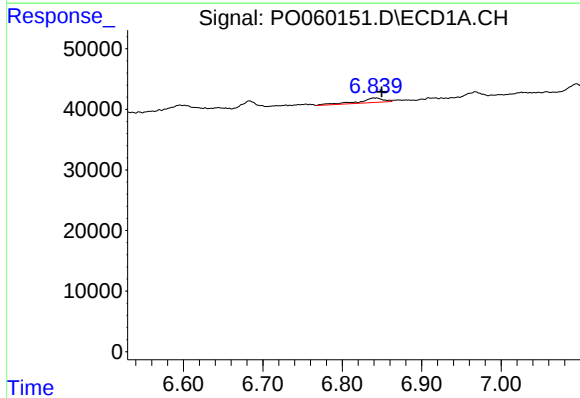
R.T.: 7.381 min
Delta R.T.: -0.009 min
Response: 29477
Conc: 9.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOUTH-AVENUE-3-ABCD



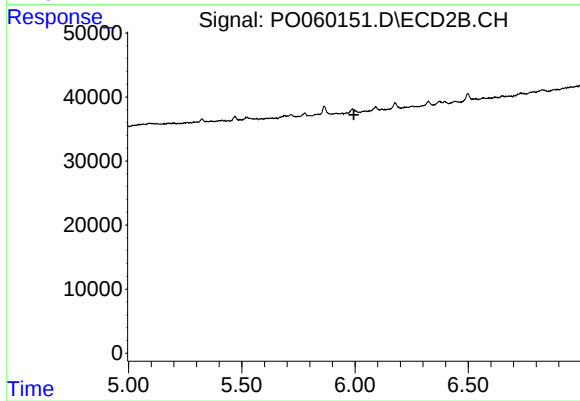
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 6.503 min
Response: 0
Conc: N.D.



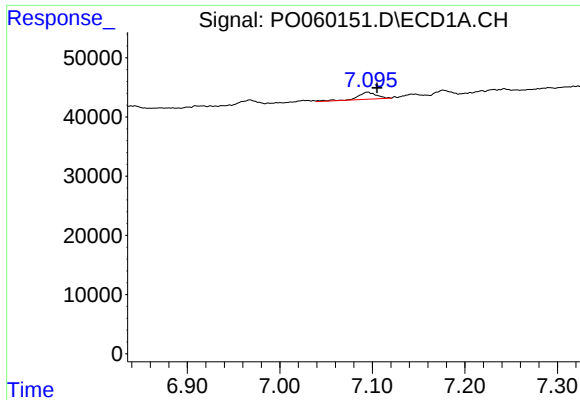
#31 AR-1260-1

R.T.: 6.841 min
Delta R.T.: -0.008 min
Response: 16257
Conc: 6.03 ng/ml



#31 AR-1260-1

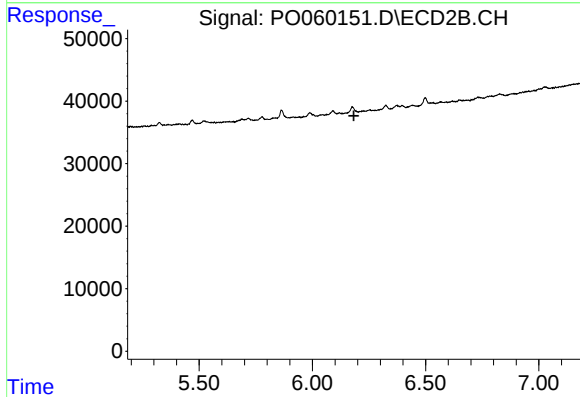
R.T.: 0.000 min
Exp R.T. : 5.995 min
Response: 0
Conc: N.D.



#32 AR-1260-2

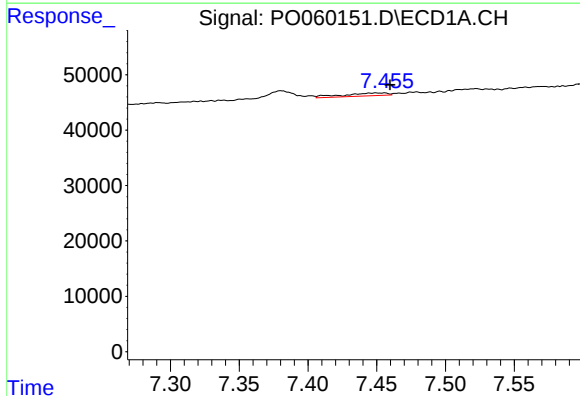
R.T.: 7.095 min
Delta R.T.: -0.010 min
Response: 16796
Conc: 4.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOUTH-AVENUE-3-ABCD



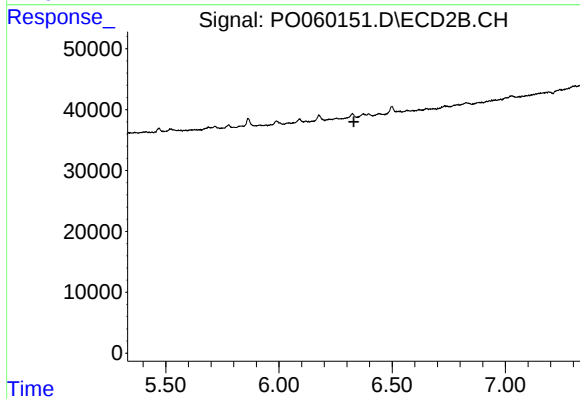
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 6.183 min
Response: 0
Conc: N.D.



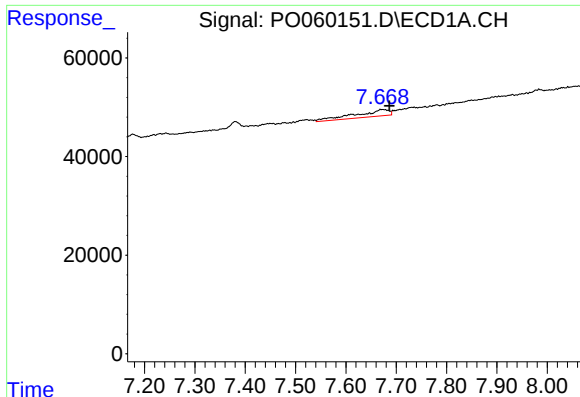
#33 AR-1260-3

R.T.: 7.452 min
Delta R.T.: -0.008 min
Response: 11814
Conc: 3.61 ng/ml



#33 AR-1260-3

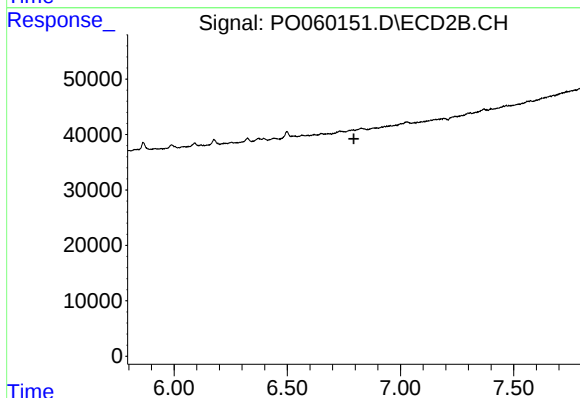
R.T.: 0.000 min
Exp R.T. : 6.331 min
Response: 0
Conc: N.D.



#34 AR-1260-4

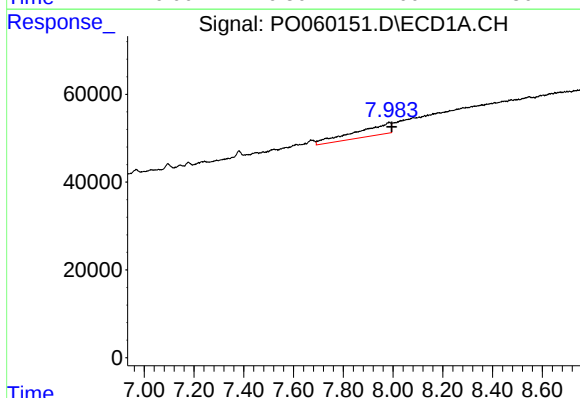
R.T.: 7.672 min
Delta R.T.: -0.015 min
Response: 62370
Conc: 20.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOUTH-AVENUE-3-ABCD



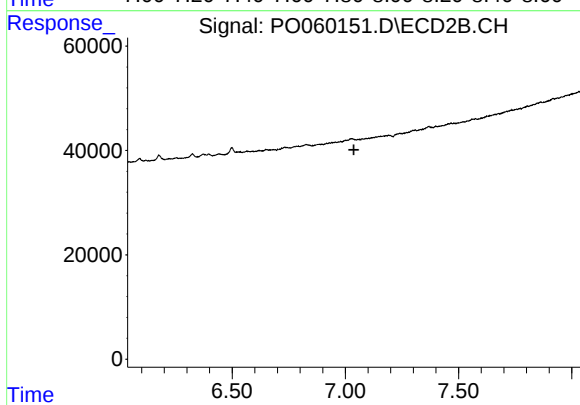
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 6.794 min
Response: 0
Conc: N.D.



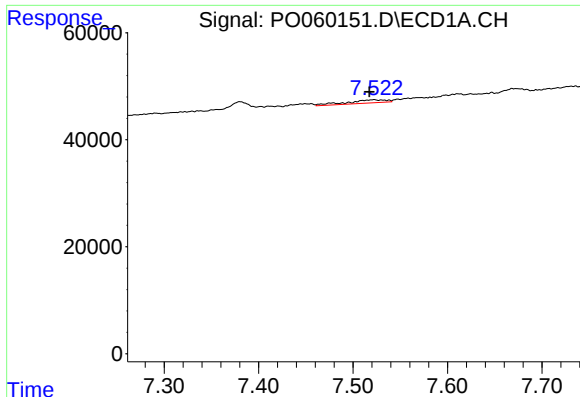
#35 AR-1260-5

R.T.: 7.984 min
Delta R.T.: -0.010 min
Response: 262007
Conc: 37.00 ng/ml



#35 AR-1260-5

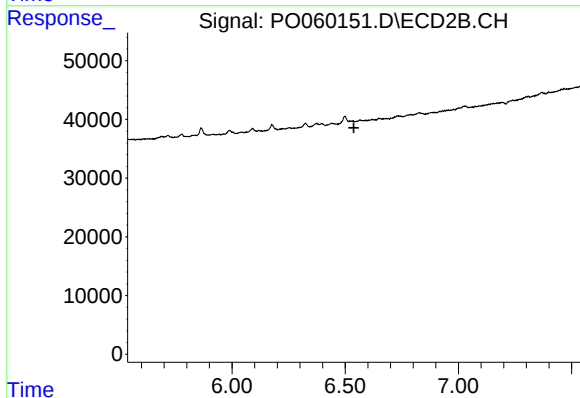
R.T.: 0.000 min
Exp R.T. : 7.037 min
Response: 0
Conc: N.D.



#36 AR-1262-1

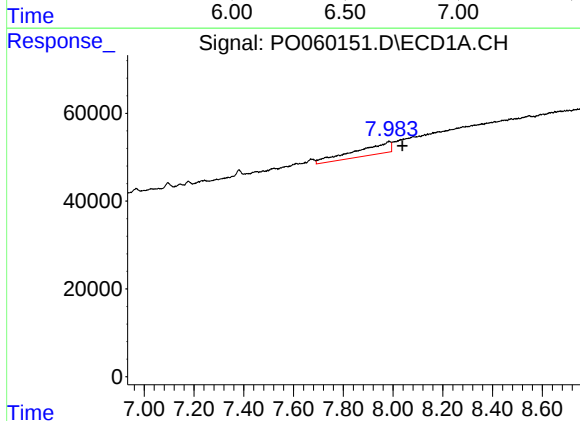
R.T.: 7.522 min
Delta R.T.: 0.004 min
Response: 17537
Conc: 3.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOUTH-AVENUE-3-ABCD



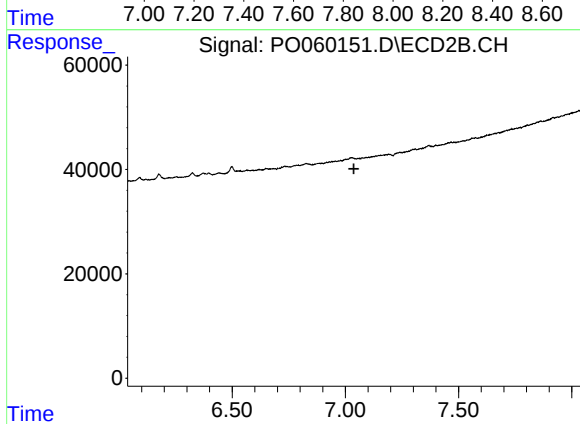
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.538 min
Response: 0
Conc: N.D.



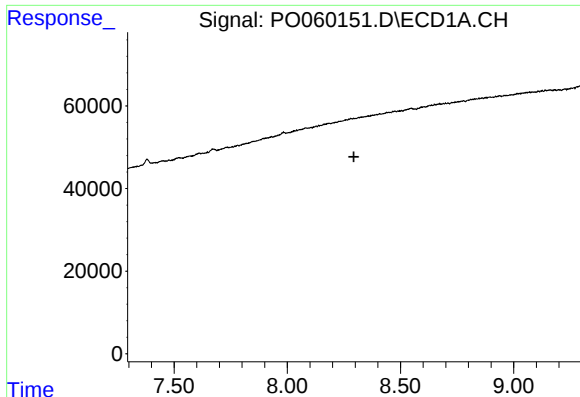
#37 AR-1262-2

R.T.: 7.984 min
Delta R.T.: -0.053 min
Response: 262007
Conc: 33.96 ng/ml



#37 AR-1262-2

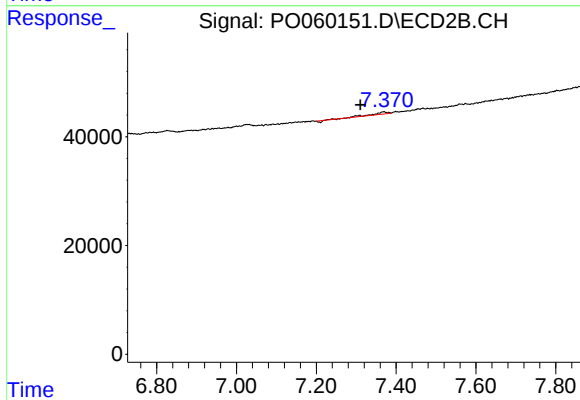
R.T.: 0.000 min
Exp R.T. : 7.037 min
Response: 0
Conc: N.D.



#38 AR-1262-3

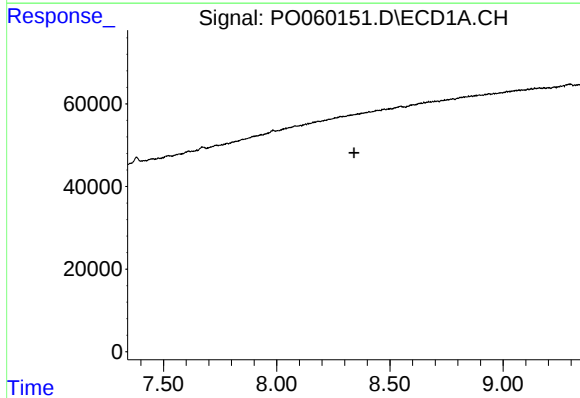
R.T.: 0.000 min
Exp R.T.: 8.294 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SOUTH-AVENUE-3-ABCD



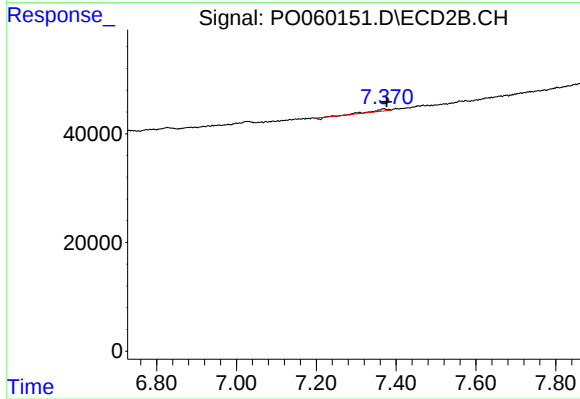
#38 AR-1262-3

R.T.: 7.370 min
Delta R.T.: 0.059 min
Response: 7098
Conc: 2.79 ng/ml



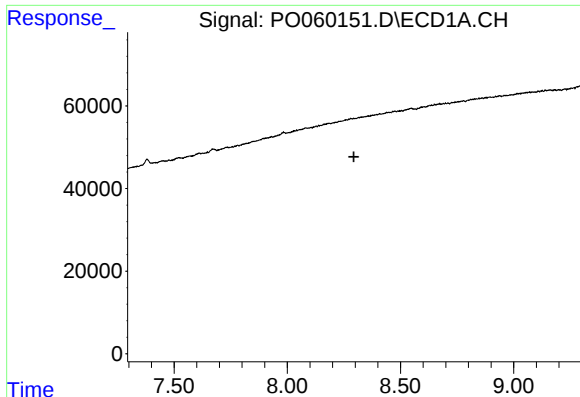
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 8.341 min
Response: 0
Conc: N.D.



#39 AR-1262-4

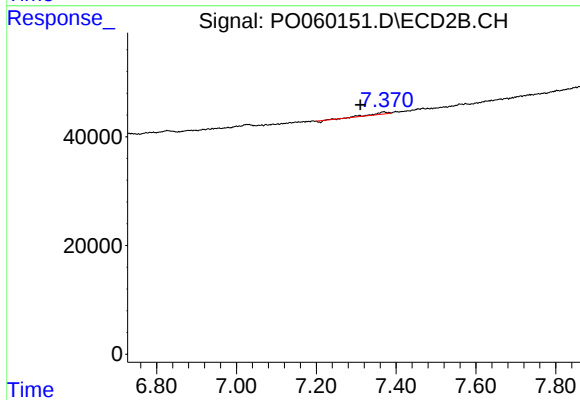
R.T.: 7.370 min
Delta R.T.: -0.007 min
Response: 7098
Conc: 1.61 ng/ml



#41 AR-1268-1

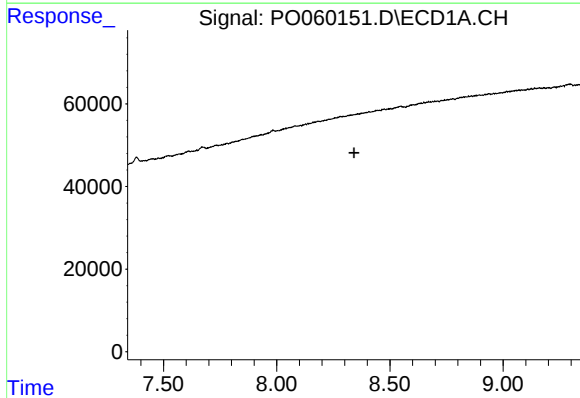
R.T.: 0.000 min
Exp R.T.: 8.294 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SOUTH-AVENUE-3-ABCD



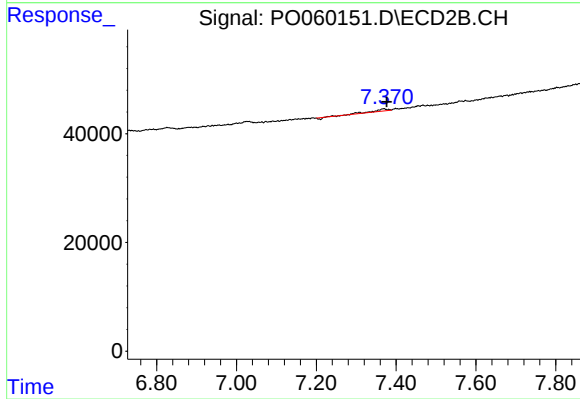
#41 AR-1268-1

R.T.: 7.370 min
Delta R.T.: 0.059 min
Response: 7098
Conc: 1.00 ng/ml



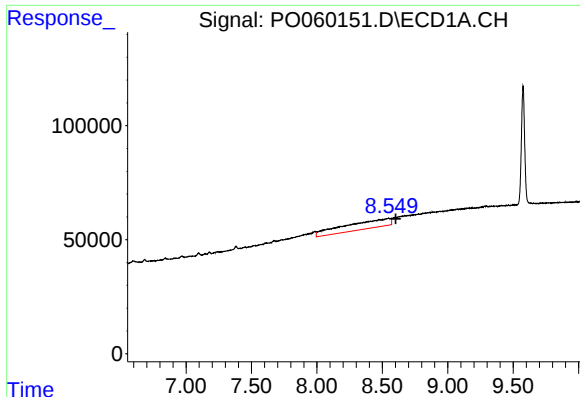
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.341 min
Response: 0
Conc: N.D.



#42 AR-1268-2

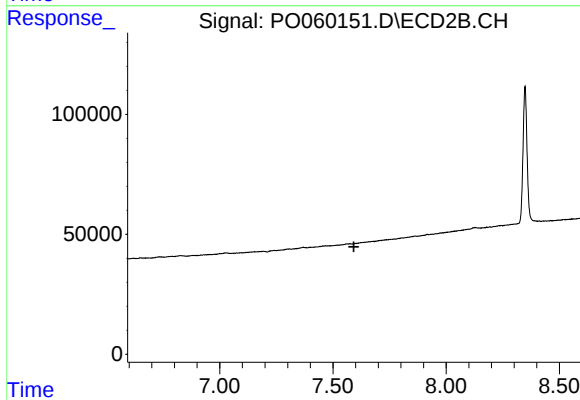
R.T.: 7.370 min
Delta R.T.: -0.007 min
Response: 7098
Conc: 1.10 ng/ml



#43 AR-1268-3

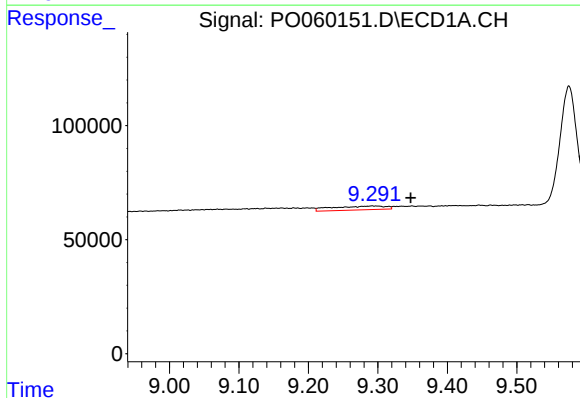
R.T.: 8.547 min
Delta R.T.: -0.056 min
Response: 950458
Conc: 134.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
SOUTH-AVENUE-3-ABCD



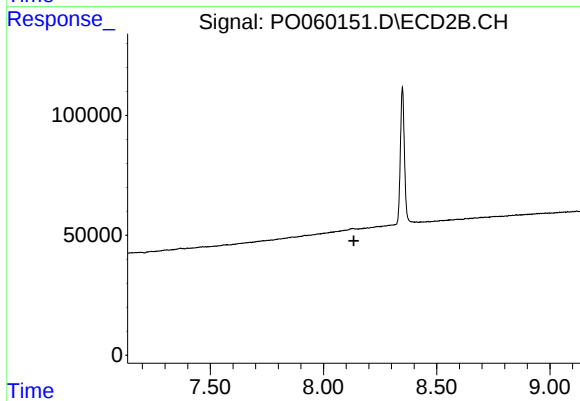
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.592 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.293 min
Delta R.T.: -0.055 min
Response: 89219
Conc: 4.84 ng/ml



#45 AR-1268-5

R.T.: 8.194 min
Delta R.T.: 0.059 min
Response: -59640
Conc: N.D.