

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080719\
 Data File : P0058987.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 07 Aug 2019 14:39
 Operator : SM/AJ
 Sample : K4189-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 HA-27

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 15:54:32 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jul 27 06:49:05 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...	4.158	3.516	1015529	862271	24.063	21.584
2)	SA Decachlor...	9.667	8.399	1200506	923907	22.168	23.406
Target Compounds							
3)	L1 AR-1016-1	5.298	0.000	7014	0	3.743	N.D. #
4)	L1 AR-1016-2	5.387	0.000	2406	0	0.874	N.D. #
5)	L1 AR-1016-3	5.433	0.000	7166	0	4.221	N.D. #
6)	L1 AR-1016-4	5.505	0.000	1124	0	0.804	N.D. #
7)	L1 AR-1016-5	5.817	0.000	18872	0	13.175	N.D. #
8)	L2 AR-1221-1	4.461	0.000	17059	0	37.553	N.D. #
9)	L2 AR-1221-2	4.461	0.000	17059	0	49.478	N.D. #
10)	L2 AR-1221-3	4.561	0.000	3364	0	3.068	N.D. #
11)	L3 AR-1232-1	4.561	0.000	3364	0	3.726	N.D. #
12)	L3 AR-1232-2	5.075	0.000	1284	0	2.609	N.D. #
13)	L3 AR-1232-3	5.387	0.000	2406	0	2.247	N.D. #
14)	L3 AR-1232-4	5.505	0.000	1124	0	2.109	N.D. #
15)	L3 AR-1232-5	5.593	0.000	6277	0	15.382	N.D. #
16)	L4 AR-1242-1	5.298	0.000	7014	0	5.478	N.D. #
17)	L4 AR-1242-2	5.387	0.000	2406	0	1.272	N.D. #
18)	L4 AR-1242-3	5.433	0.000	7166	0	6.109	N.D. #
19)	L4 AR-1242-4	5.505	0.000	1124	0	1.170	N.D. #
20)	L4 AR-1242-5	6.238	0.000	14481	0	12.329	N.D. #
21)	L5 AR-1248-1	5.298	0.000	7014	0	6.938	N.D. #
22)	L5 AR-1248-2	5.593	0.000	6277	0	4.342	N.D. #
23)	L5 AR-1248-3	5.817	0.000	18872	0	11.489	N.D. #
24)	L5 AR-1248-4	6.177	0.000	4206	0	2.077	N.D. #
25)	L5 AR-1248-5	6.238	0.000	14481	0	7.502	N.D. #
26)	L6 AR-1254-1	6.177	0.000	4206	0	1.781	N.D. #
27)	L6 AR-1254-2	6.377	0.000	11823	0	3.068	N.D. #
28)	L6 AR-1254-3	6.739	0.000	7374	0	1.821	N.D. #
29)	L6 AR-1254-4	7.028	6.191	8187	22898	2.274	9.848 #
30)	L6 AR-1254-5	7.438	0.000	5679	0	1.567	N.D. #
31)	L7 AR-1260-1	6.952	0.000	25389	0	8.818	N.D. #
32)	L7 AR-1260-2	7.156	6.191	23162	22898	5.568	7.559 #
33)	L7 AR-1260-3	7.509	0.000	9630	0	2.586	N.D. #
34)	L7 AR-1260-4	7.804	0.000	204801	0	60.098	N.D. #
35)	L7 AR-1260-5	8.040	0.000	88382	0	12.017	N.D. #
36)	L8 AR-1262-1	7.509	0.000	9630	0	1.911	N.D. #
37)	L8 AR-1262-2	8.040	0.000	88382	0	11.105	N.D. #
38)	L8 AR-1262-3	8.318	7.389	5874	129687	1.156	52.546 #
39)	L8 AR-1262-4	8.408	7.410	35429	12877	9.349	3.033 #
41)	L9 AR-1268-1	8.318	7.389	5874	129687	0.526	15.922 #
42)	L9 AR-1268-2	8.408	7.410	35429	12877	3.772	1.699 #
43)	L9 AR-1268-3	8.614	0.000	13515	0	1.636	N.D. #

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Integration File signal 1: autoint1.e
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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	
45) L9	AR-1268-5	9.375	0.000	20769	0	0.967	N.D.	#

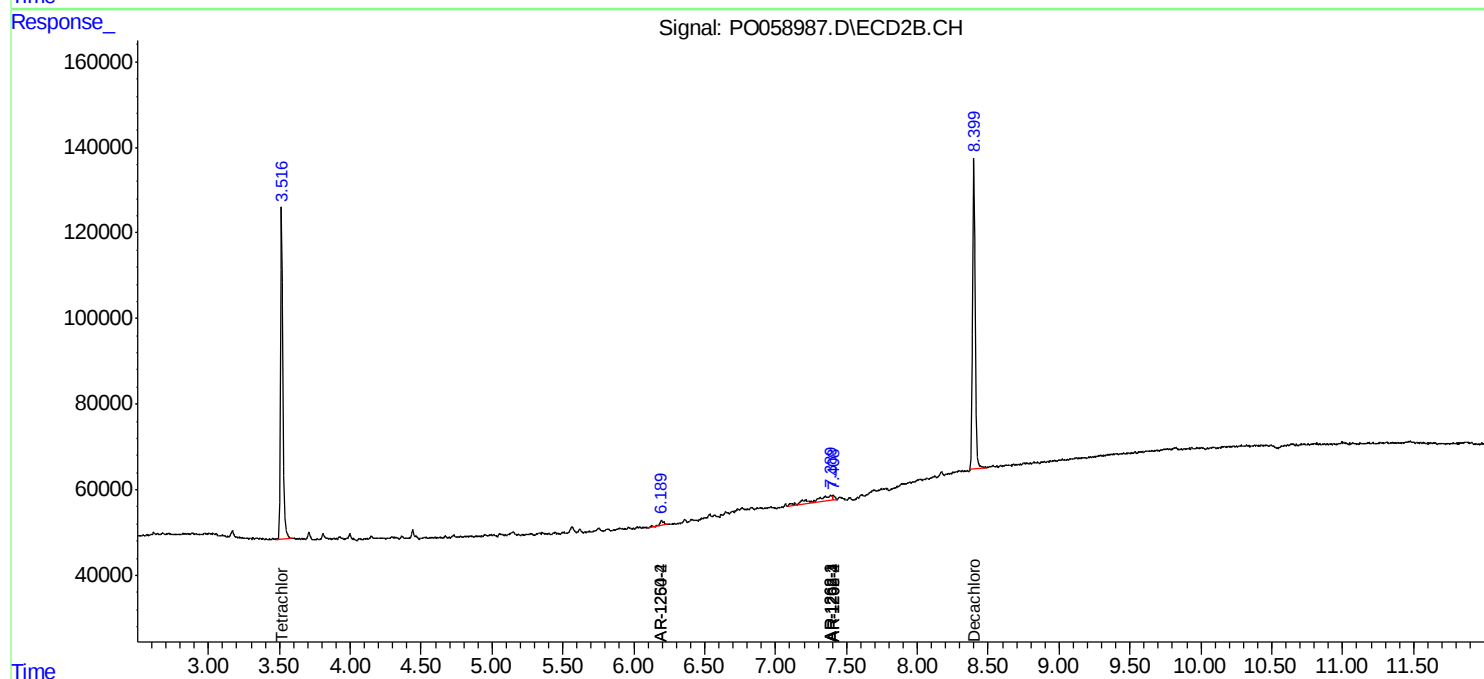
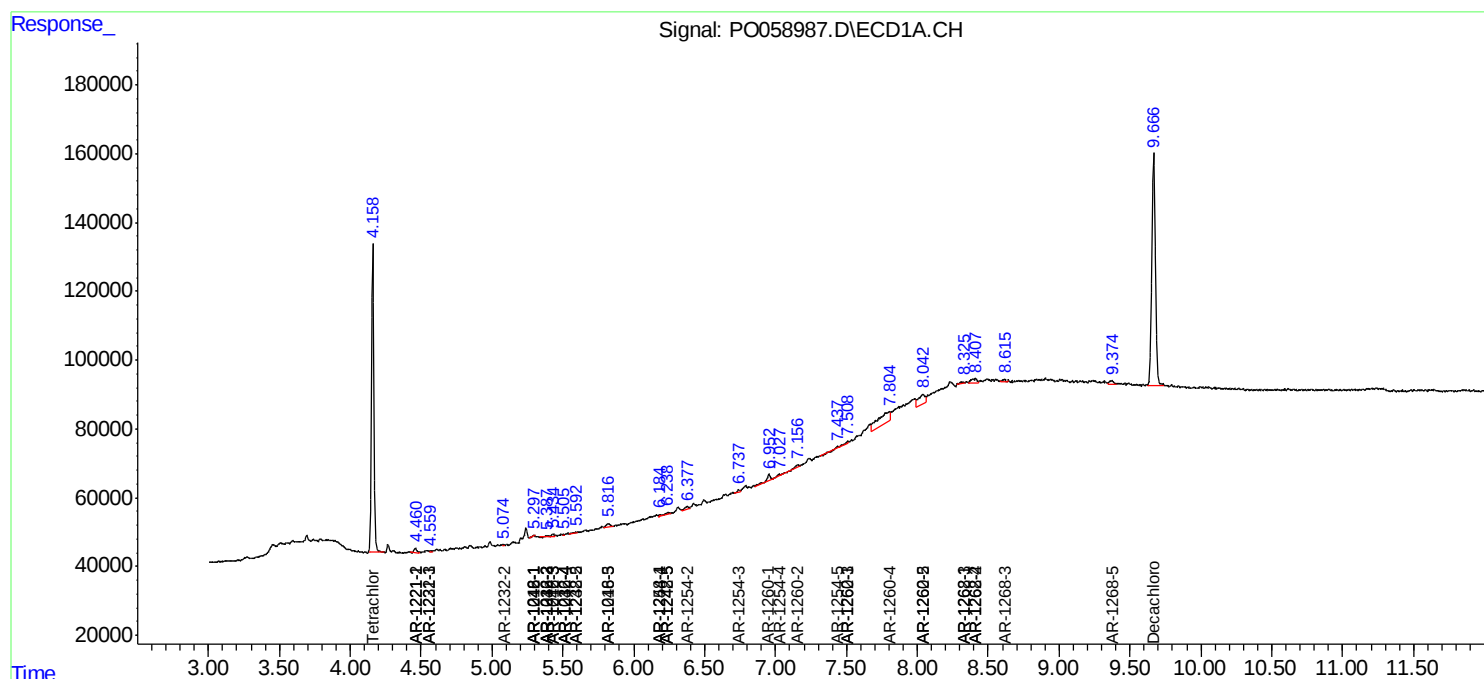
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

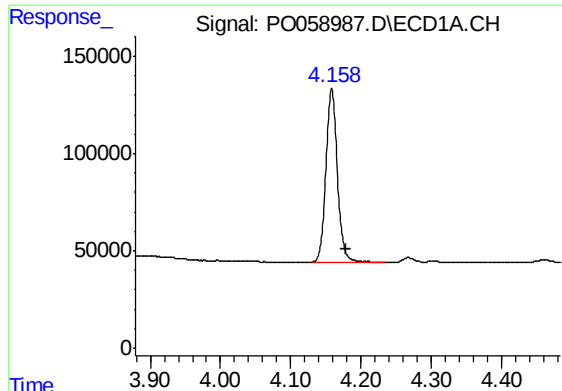
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080719\
Data File : PO058987.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 07 Aug 2019 14:39
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Sample : K4189-06
Misc :
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

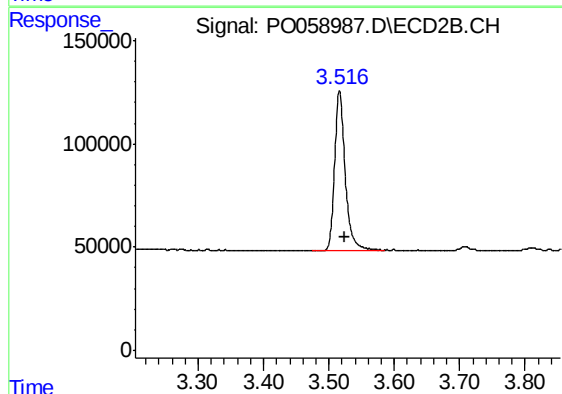




#1 Tetrachloro-m-xylene

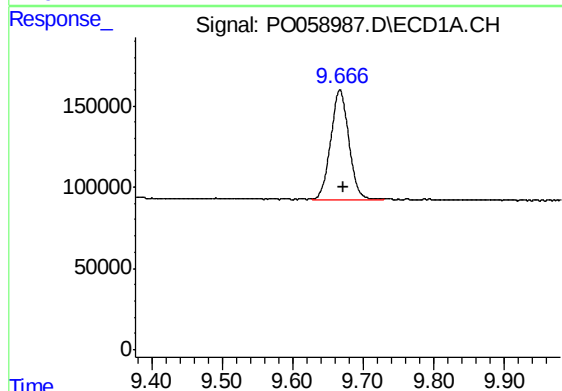
R.T.: 4.158 min
Delta R.T.: -0.021 min
Response: 1015529
Conc: 24.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-27



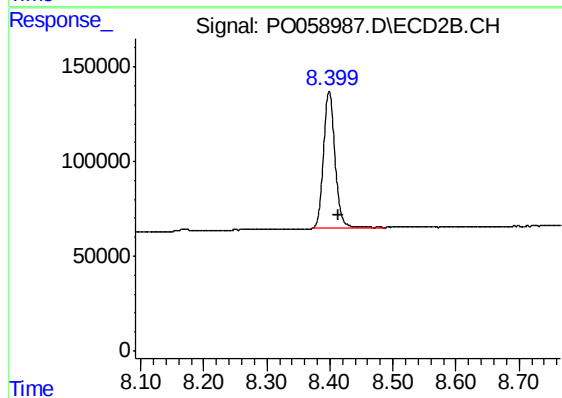
#1 Tetrachloro-m-xylene

R.T.: 3.516 min
Delta R.T.: -0.009 min
Response: 862271
Conc: 21.58 ng/ml



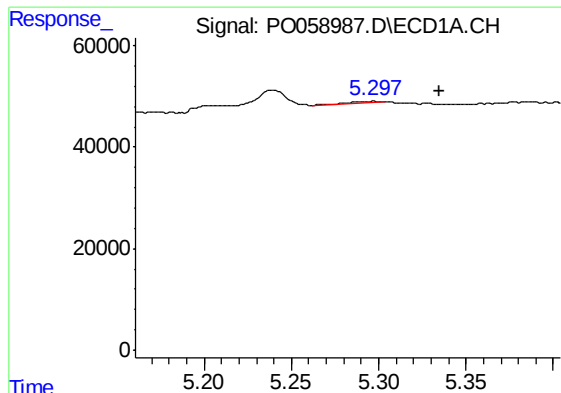
#2 Decachlorobiphenyl

R.T.: 9.667 min
Delta R.T.: -0.006 min
Response: 1200506
Conc: 22.17 ng/ml



#2 Decachlorobiphenyl

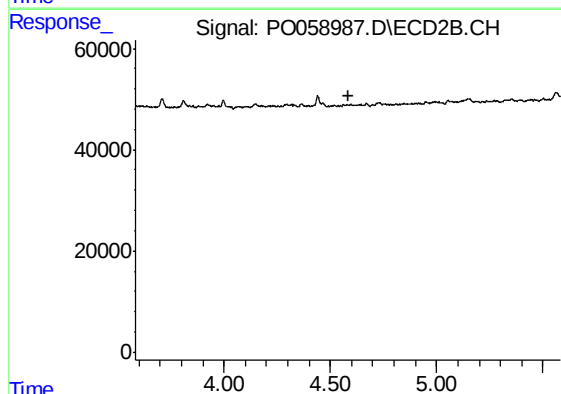
R.T.: 8.399 min
Delta R.T.: -0.015 min
Response: 923907
Conc: 23.41 ng/ml



#3 AR-1016-1

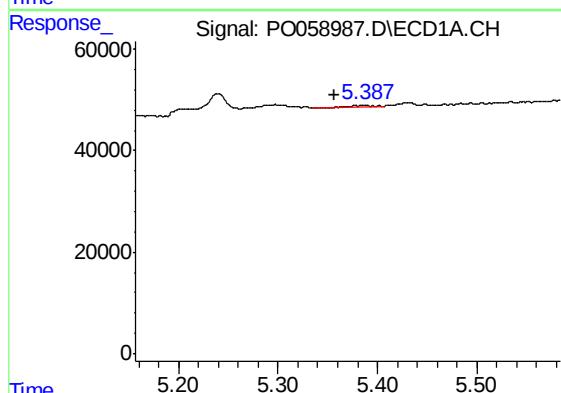
R.T.: 5.298 min
Delta R.T.: -0.037 min
Response: 7014
Conc: 3.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-27



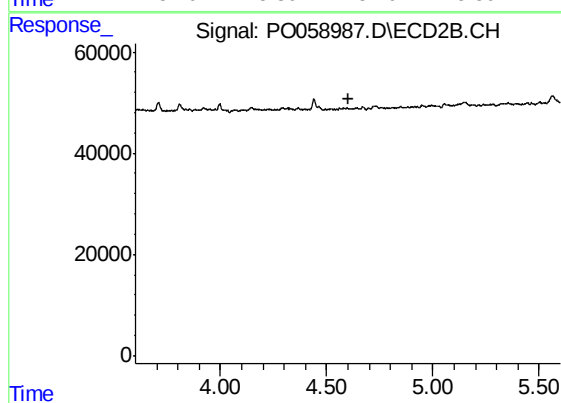
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.583 min
Response: 0
Conc: N.D.



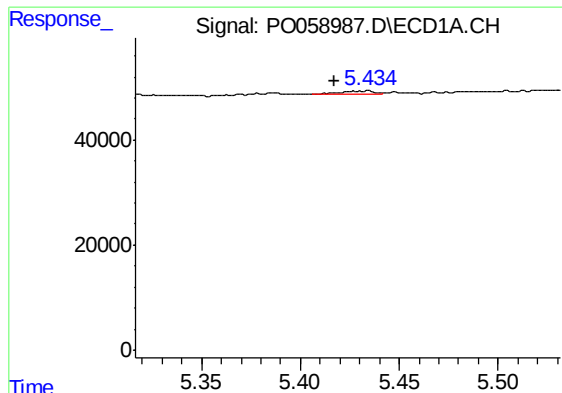
#4 AR-1016-2

R.T.: 5.387 min
Delta R.T.: 0.030 min
Response: 2406
Conc: 0.87 ng/ml



#4 AR-1016-2

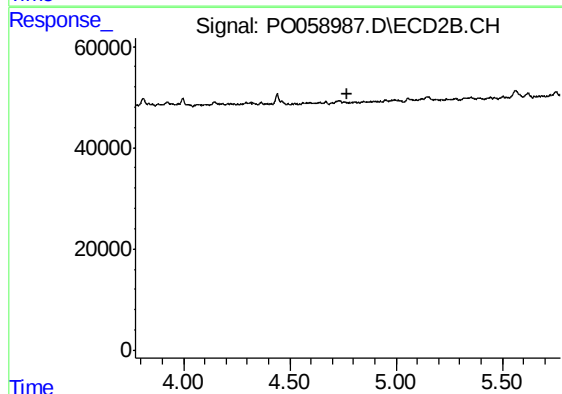
R.T.: 0.000 min
Exp R.T. : 4.601 min
Response: 0
Conc: N.D.



#5 AR-1016-3

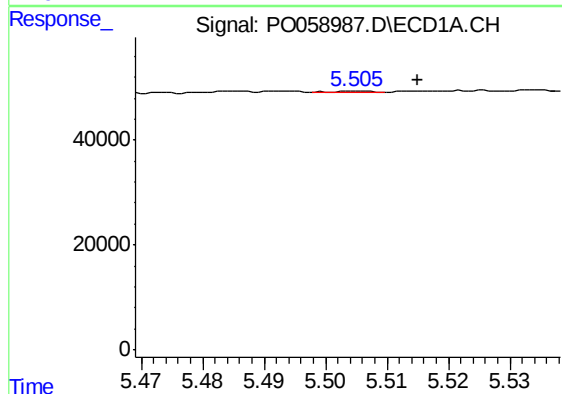
R.T.: 5.433 min
Delta R.T.: 0.016 min
Response: 7166
Conc: 4.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-27



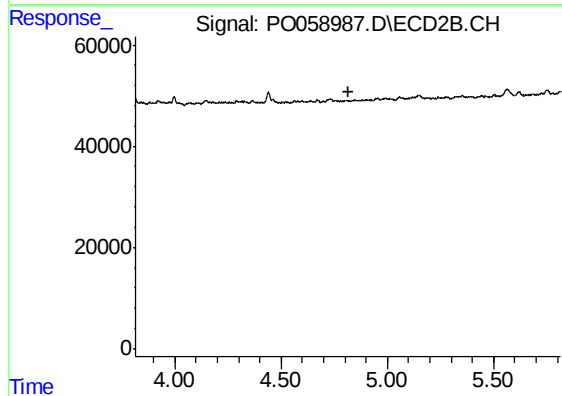
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.773 min
Response: 0
Conc: N.D.



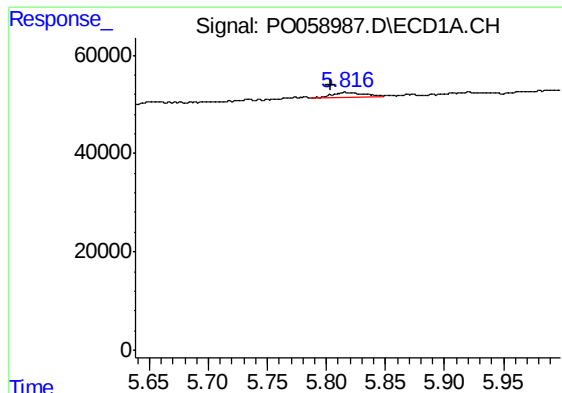
#6 AR-1016-4

R.T.: 5.505 min
Delta R.T.: -0.010 min
Response: 1124
Conc: 0.80 ng/ml



#6 AR-1016-4

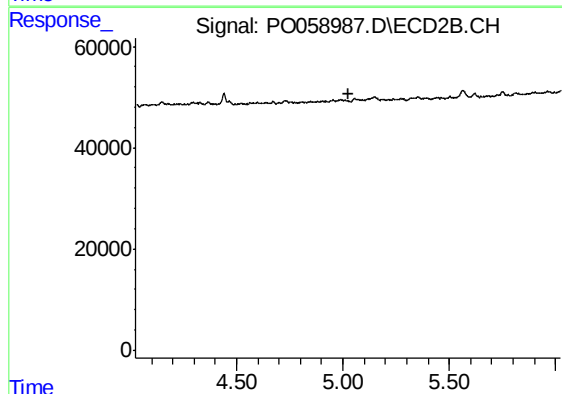
R.T.: 0.000 min
Exp R.T. : 4.815 min
Response: 0
Conc: N.D.



#7 AR-1016-5

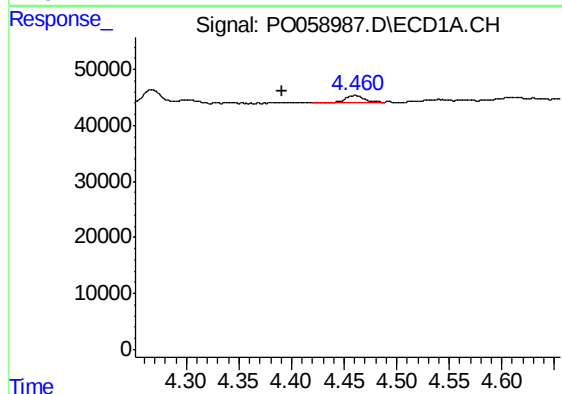
R.T.: 5.817 min
Delta R.T.: 0.013 min
Response: 18872
Conc: 13.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-27



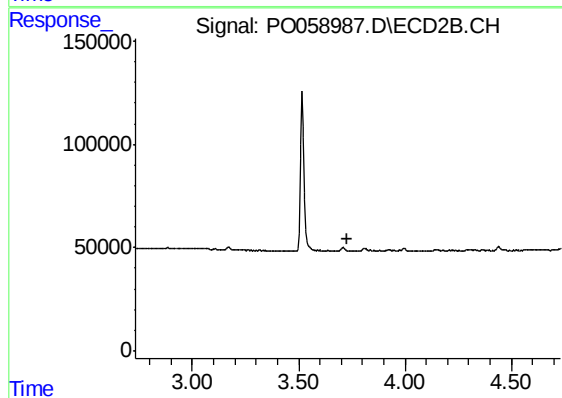
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.024 min
Response: 0
Conc: N.D.



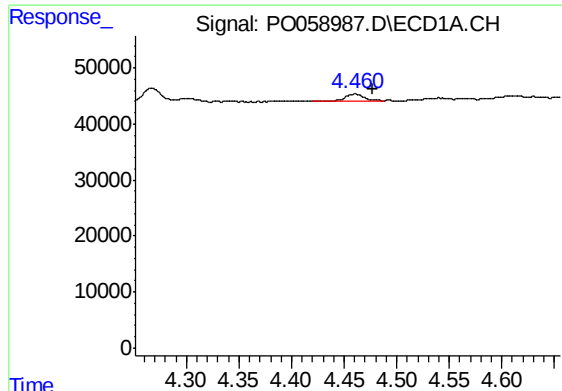
#8 AR-1221-1

R.T.: 4.461 min
Delta R.T.: 0.070 min
Response: 17059
Conc: 37.55 ng/ml



#8 AR-1221-1

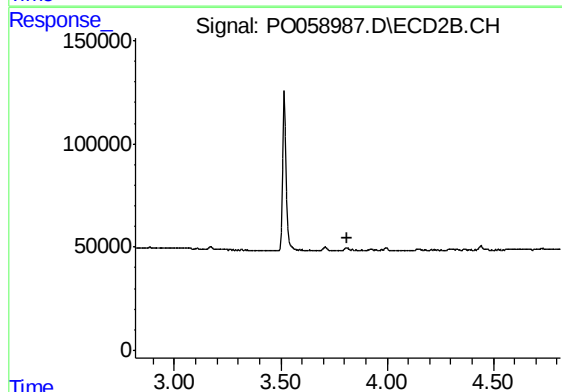
R.T.: 0.000 min
Exp R.T. : 3.732 min
Response: 0
Conc: N.D.



#9 AR-1221-2

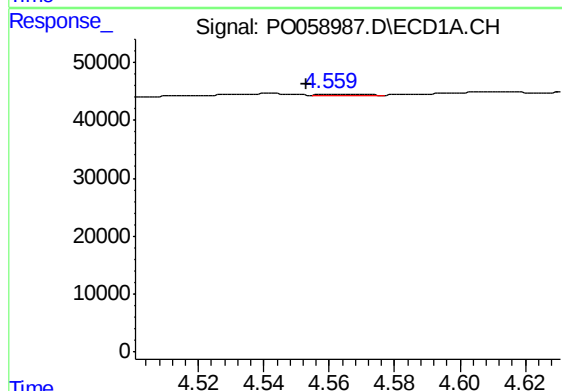
R.T.: 4.461 min
Delta R.T.: -0.016 min
Response: 17059
Conc: 49.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-27



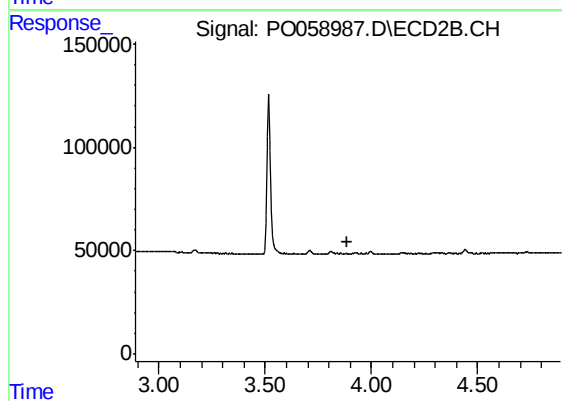
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.816 min
Response: 0
Conc: N.D.



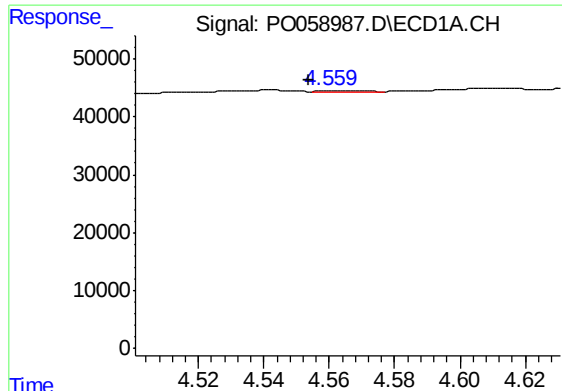
#10 AR-1221-3

R.T.: 4.561 min
Delta R.T.: 0.008 min
Response: 3364
Conc: 3.07 ng/ml



#10 AR-1221-3

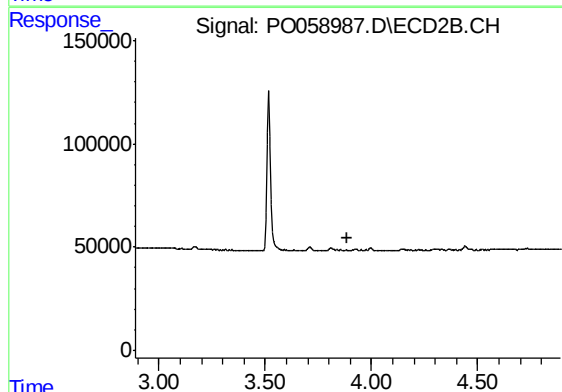
R.T.: 0.000 min
Exp R.T. : 3.889 min
Response: 0
Conc: N.D.



#11 AR-1232-1

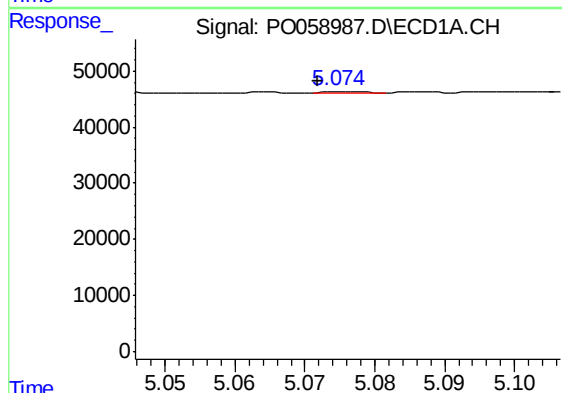
R.T.: 4.561 min
Delta R.T.: 0.007 min
Response: 3364
Conc: 3.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-27



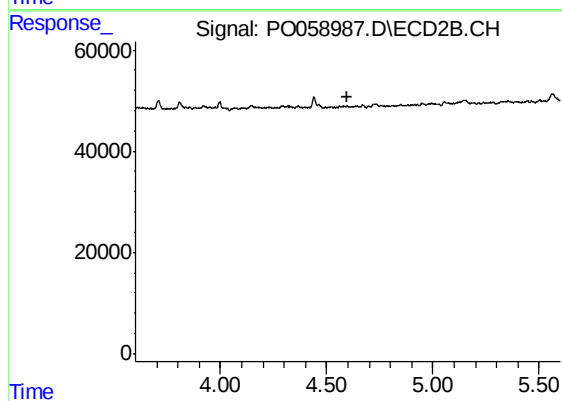
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.889 min
Response: 0
Conc: N.D.



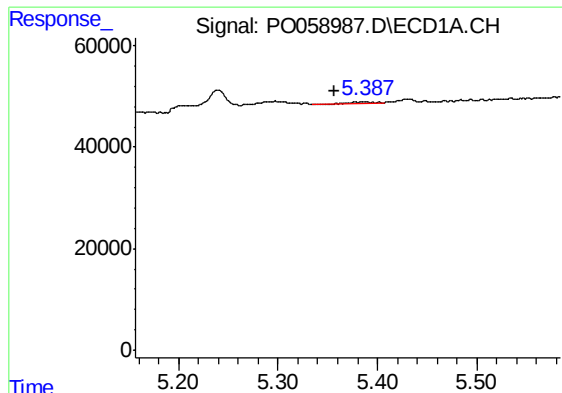
#12 AR-1232-2

R.T.: 5.075 min
Delta R.T.: 0.004 min
Response: 1284
Conc: 2.61 ng/ml



#12 AR-1232-2

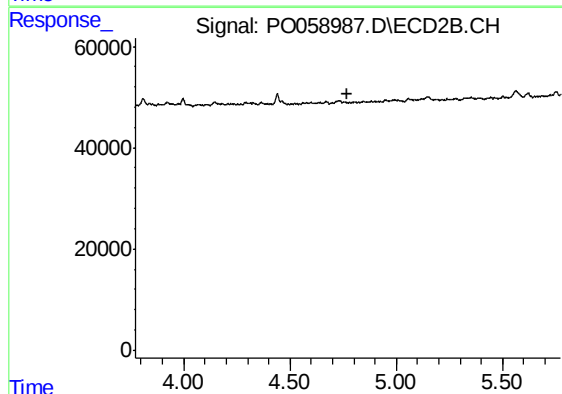
R.T.: 0.000 min
Exp R.T. : 4.600 min
Response: 0
Conc: N.D.



#13 AR-1232-3

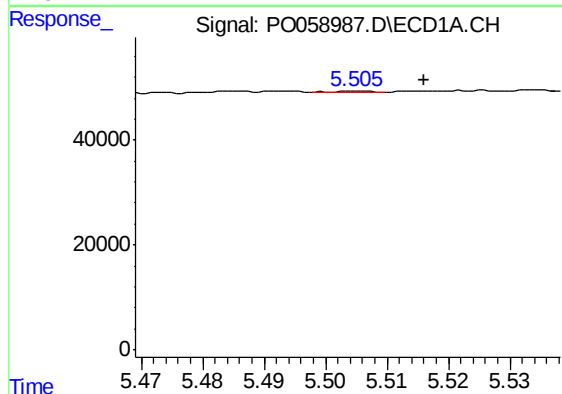
R.T.: 5.387 min
Delta R.T.: 0.030 min
Response: 2406
Conc: 2.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-27



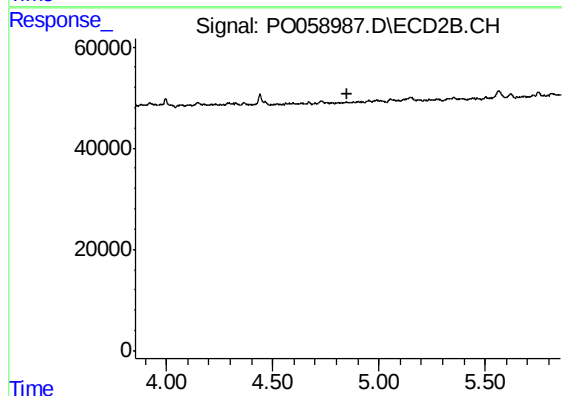
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.773 min
Response: 0
Conc: N.D.



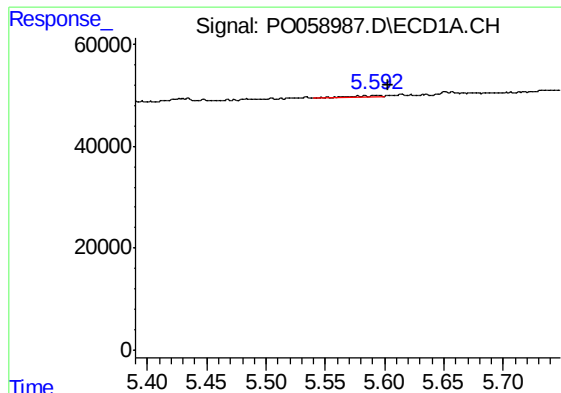
#14 AR-1232-4

R.T.: 5.505 min
Delta R.T.: -0.011 min
Response: 1124
Conc: 2.11 ng/ml



#14 AR-1232-4

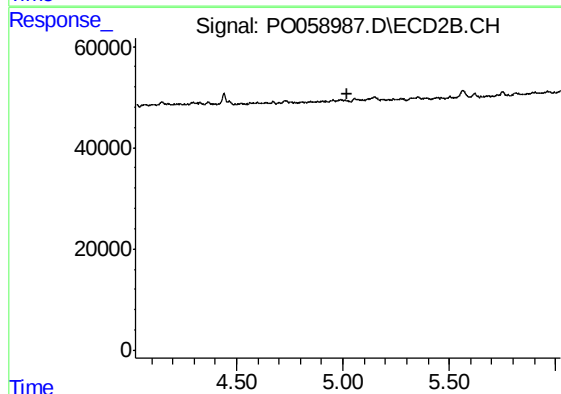
R.T.: 0.000 min
Exp R.T. : 4.854 min
Response: 0
Conc: N.D.



#15 AR-1232-5

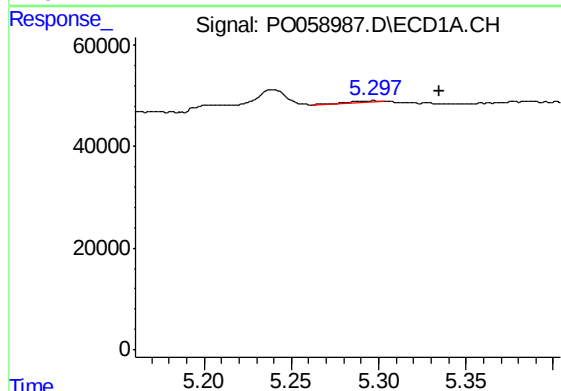
R.T.: 5.593 min
Delta R.T.: -0.011 min
Response: 6277
Conc: 15.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-27



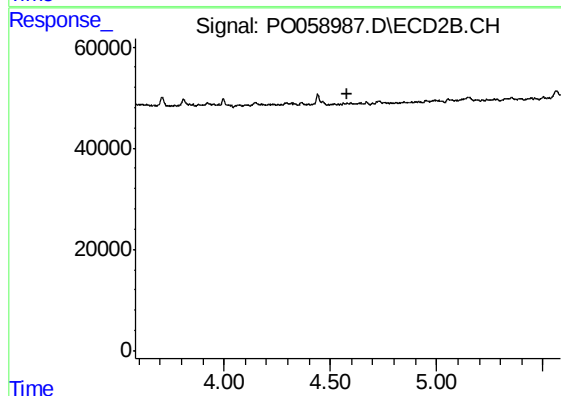
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.023 min
Response: 0
Conc: N.D.



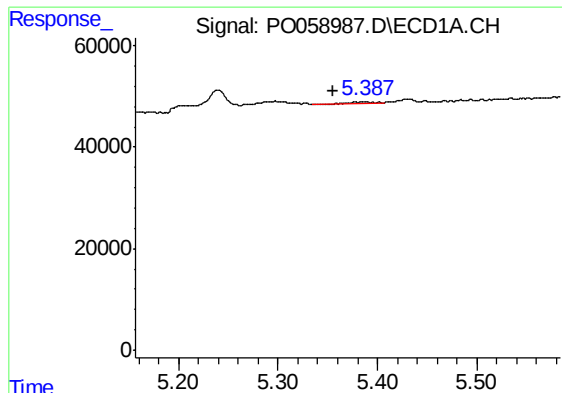
#16 AR-1242-1

R.T.: 5.298 min
Delta R.T.: -0.037 min
Response: 7014
Conc: 5.48 ng/ml



#16 AR-1242-1

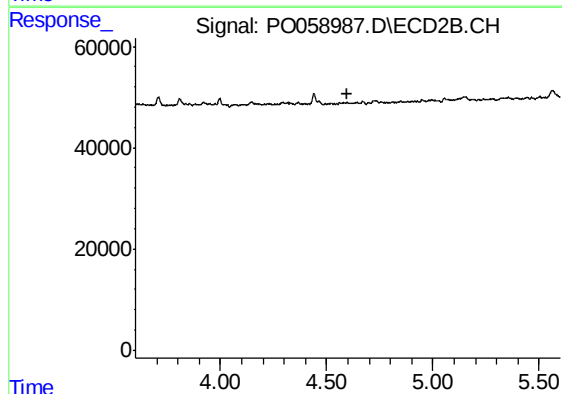
R.T.: 0.000 min
Exp R.T. : 4.583 min
Response: 0
Conc: N.D.



#17 AR-1242-2

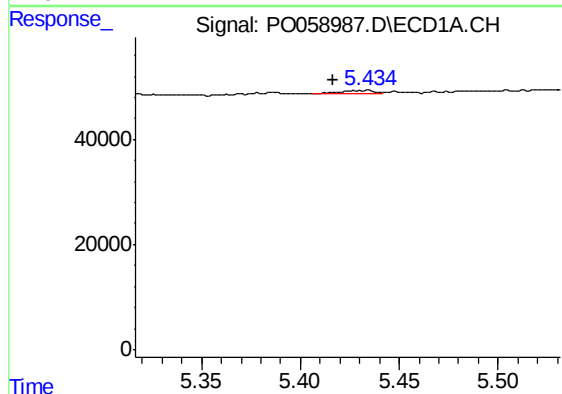
R.T.: 5.387 min
Delta R.T.: 0.031 min
Response: 2406
Conc: 1.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-27



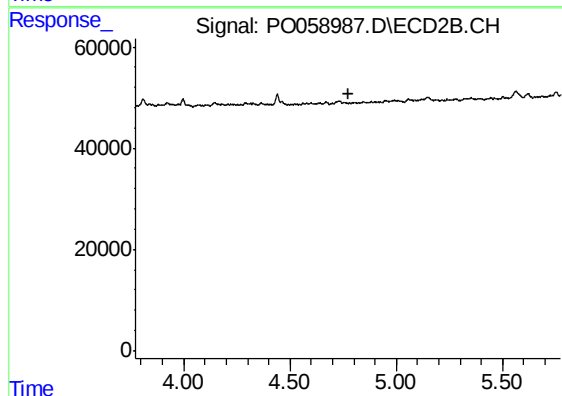
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.600 min
Response: 0
Conc: N.D.



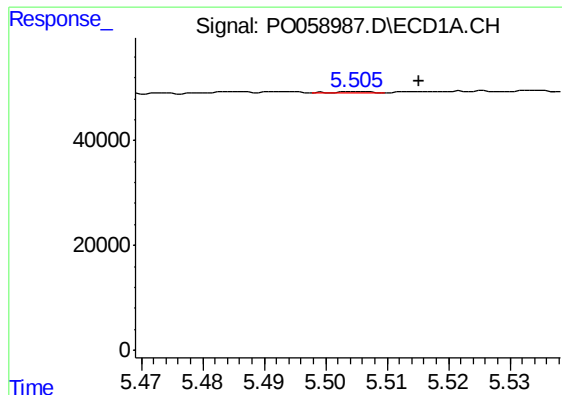
#18 AR-1242-3

R.T.: 5.433 min
Delta R.T.: 0.016 min
Response: 7166
Conc: 6.11 ng/ml



#18 AR-1242-3

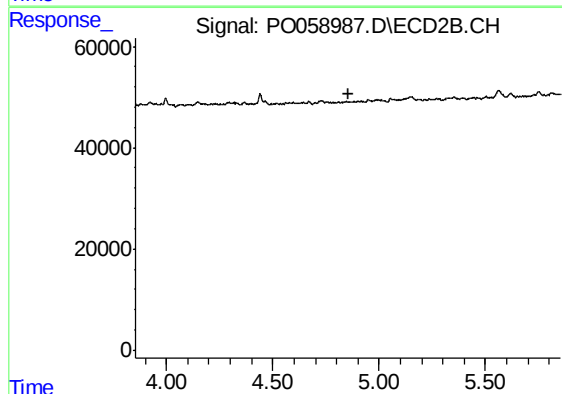
R.T.: 0.000 min
Exp R.T. : 4.773 min
Response: 0
Conc: N.D.



#19 AR-1242-4

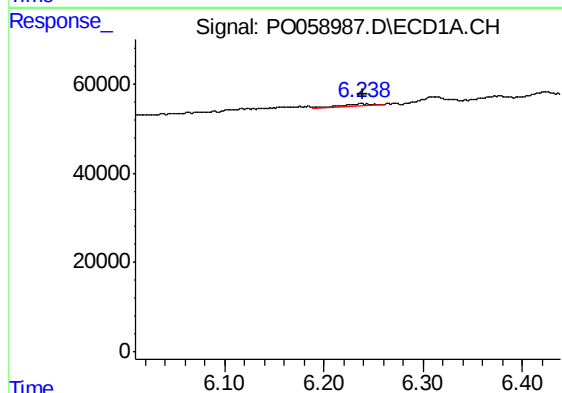
R.T.: 5.505 min
Delta R.T.: -0.010 min
Response: 1124
Conc: 1.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-27



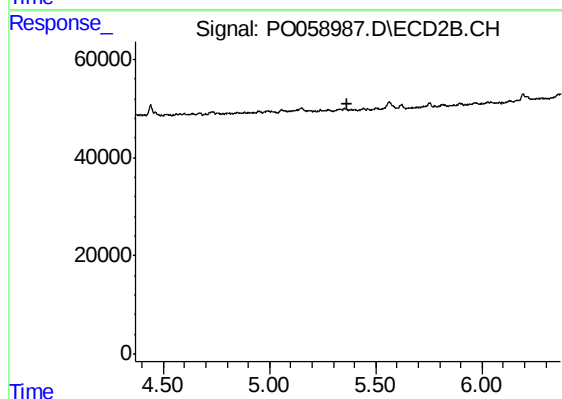
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.854 min
Response: 0
Conc: N.D.



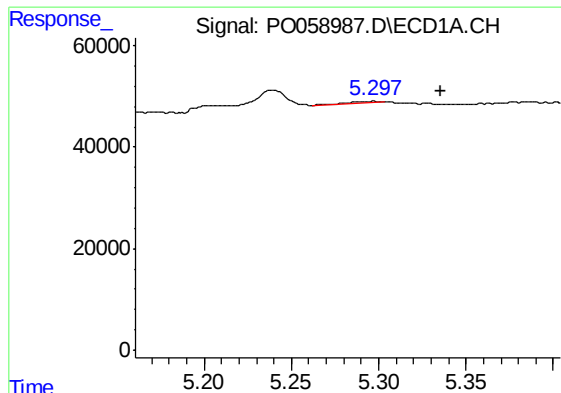
#20 AR-1242-5

R.T.: 6.238 min
Delta R.T.: -0.001 min
Response: 14481
Conc: 12.33 ng/ml



#20 AR-1242-5

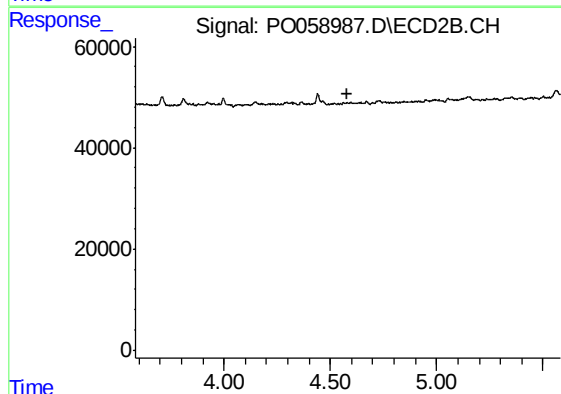
R.T.: 0.000 min
Exp R.T. : 5.368 min
Response: 0
Conc: N.D.



#21 AR-1248-1

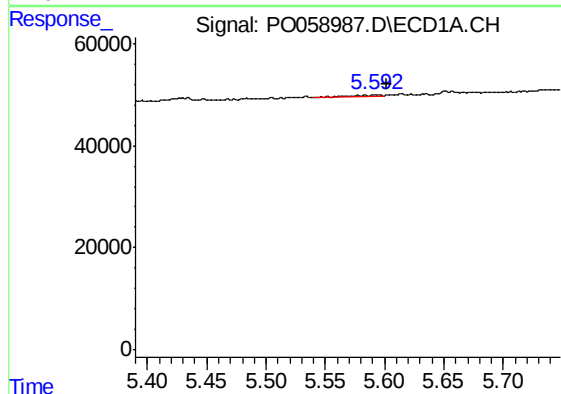
R.T.: 5.298 min
Delta R.T.: -0.037 min
Response: 7014
Conc: 6.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-27



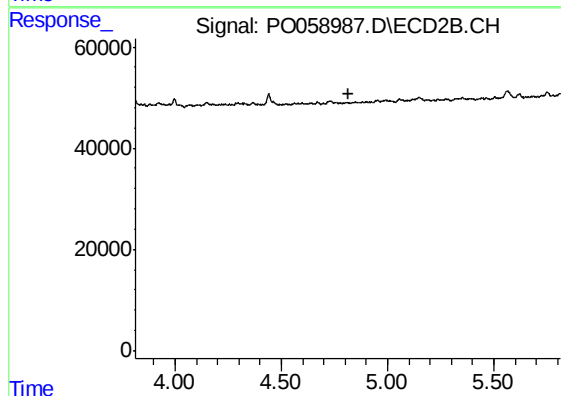
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.583 min
Response: 0
Conc: N.D.



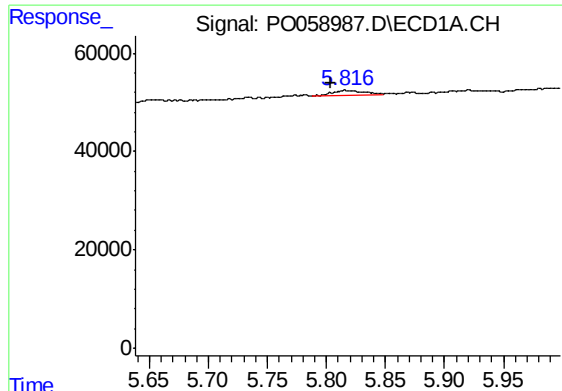
#22 AR-1248-2

R.T.: 5.593 min
Delta R.T.: -0.010 min
Response: 6277
Conc: 4.34 ng/ml



#22 AR-1248-2

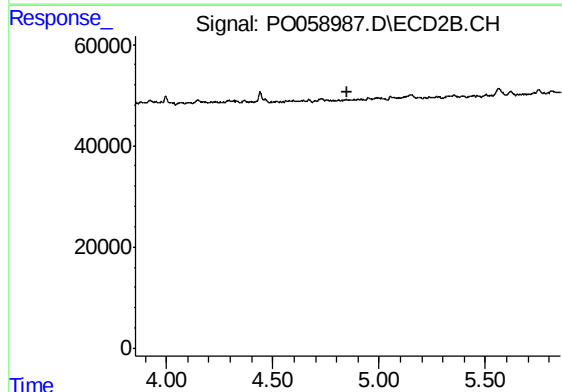
R.T.: 0.000 min
Exp R.T. : 4.814 min
Response: 0
Conc: N.D.



#23 AR-1248-3

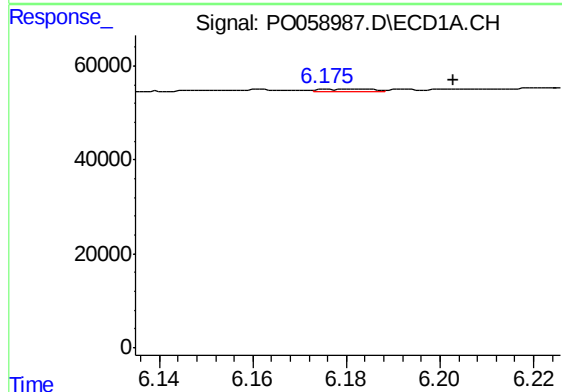
R.T.: 5.817 min
Delta R.T.: 0.014 min
Response: 18872
Conc: 11.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-27



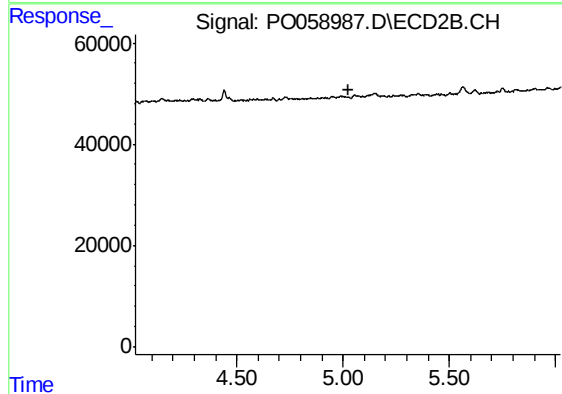
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.854 min
Response: 0
Conc: N.D.



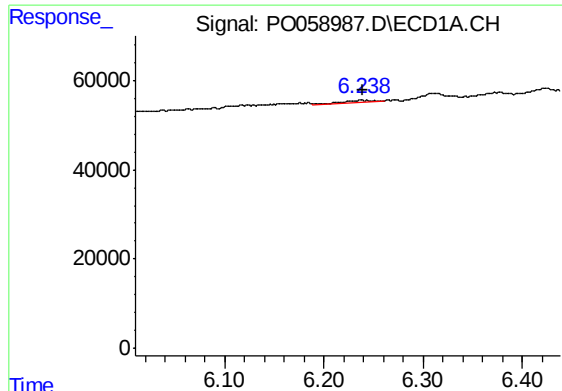
#24 AR-1248-4

R.T.: 6.177 min
Delta R.T.: -0.026 min
Response: 4206
Conc: 2.08 ng/ml



#24 AR-1248-4

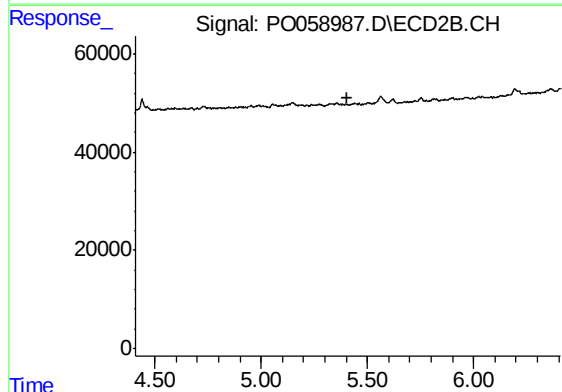
R.T.: 0.000 min
Exp R.T. : 5.023 min
Response: 0
Conc: N.D.



#25 AR-1248-5

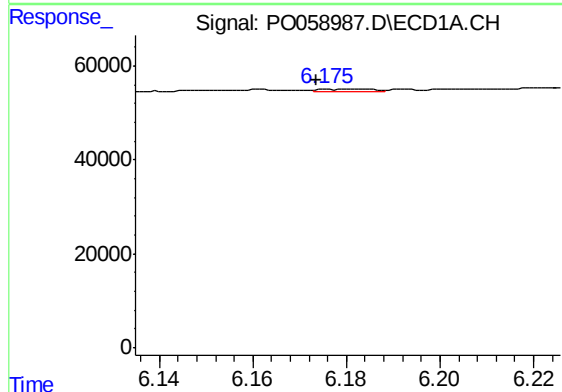
R.T.: 6.238 min
Delta R.T.: -0.002 min
Response: 14481
Conc: 7.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-27



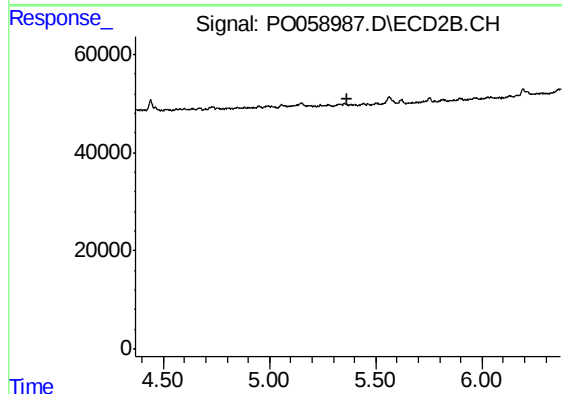
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.409 min
Response: 0
Conc: N.D.



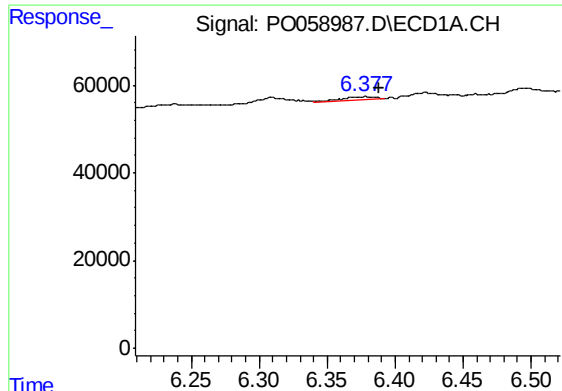
#26 AR-1254-1

R.T.: 6.177 min
Delta R.T.: 0.003 min
Response: 4206
Conc: 1.78 ng/ml



#26 AR-1254-1

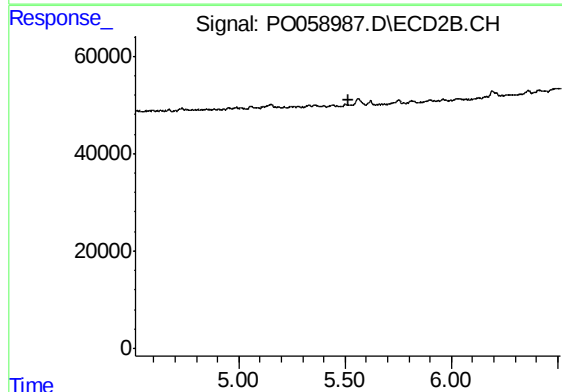
R.T.: 0.000 min
Exp R.T. : 5.368 min
Response: 0
Conc: N.D.



#27 AR-1254-2

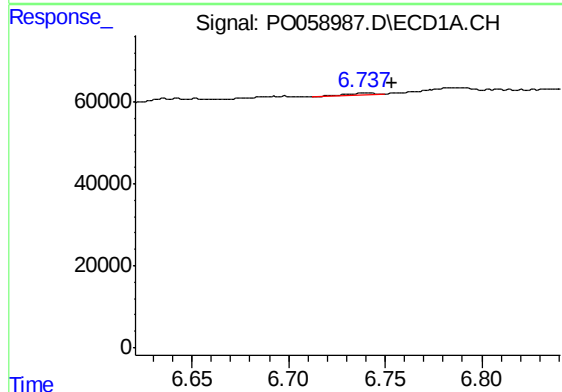
R.T.: 6.377 min
Delta R.T.: -0.011 min
Response: 11823
Conc: 3.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-27



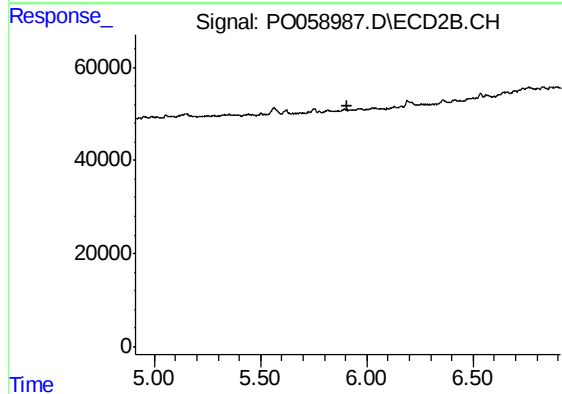
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.514 min
Response: 0
Conc: N.D.



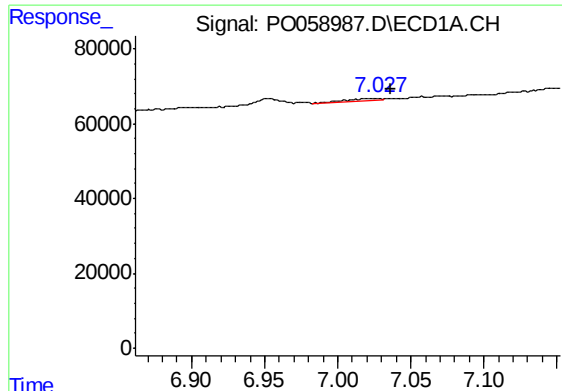
#28 AR-1254-3

R.T.: 6.739 min
Delta R.T.: -0.015 min
Response: 7374
Conc: 1.82 ng/ml



#28 AR-1254-3

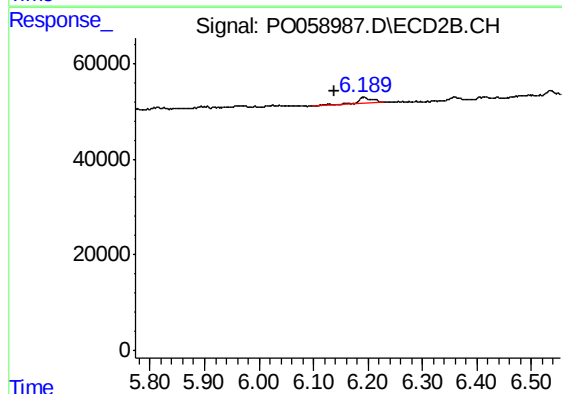
R.T.: 0.000 min
Exp R.T. : 5.911 min
Response: 0
Conc: N.D.



#29 AR-1254-4

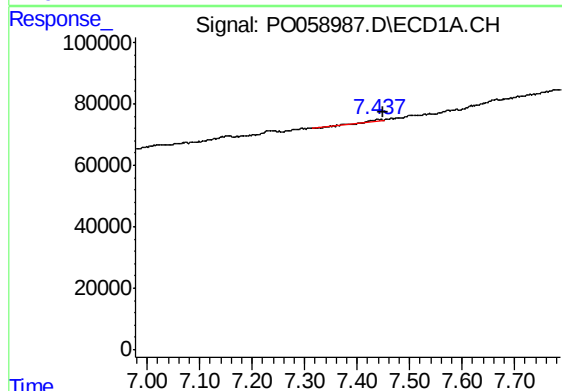
R.T.: 7.028 min
Delta R.T.: -0.008 min
Response: 8187
Conc: 2.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-27



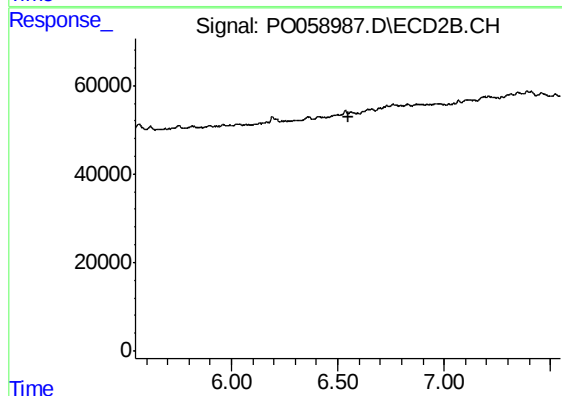
#29 AR-1254-4

R.T.: 6.191 min
Delta R.T.: 0.053 min
Response: 22898
Conc: 9.85 ng/ml



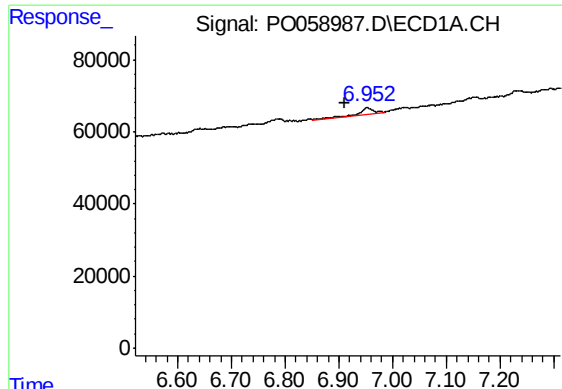
#30 AR-1254-5

R.T.: 7.438 min
Delta R.T.: -0.012 min
Response: 5679
Conc: 1.57 ng/ml



#30 AR-1254-5

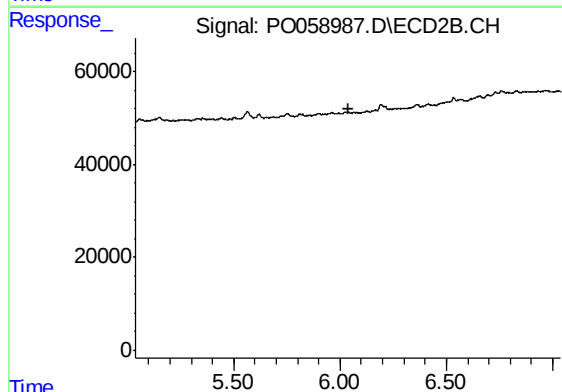
R.T.: 0.000 min
Exp R.T. : 6.548 min
Response: 0
Conc: N.D.



#31 AR-1260-1

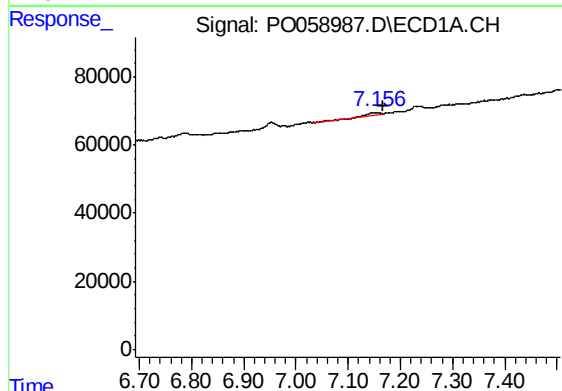
R.T.: 6.952 min
Delta R.T.: 0.041 min
Response: 25389
Conc: 8.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-27



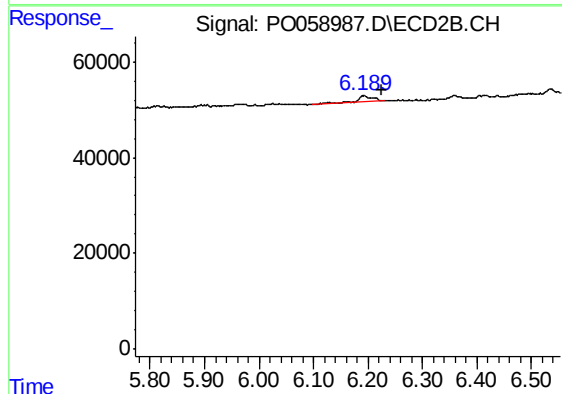
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.037 min
Response: 0
Conc: N.D.



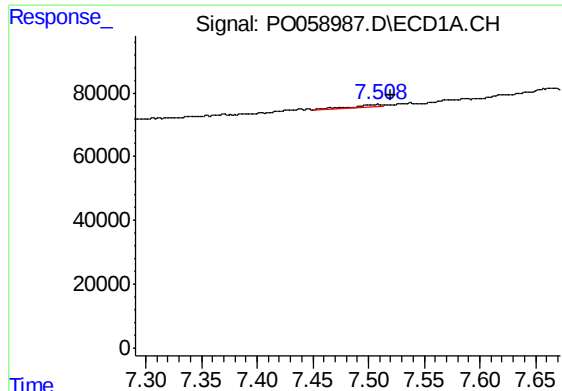
#32 AR-1260-2

R.T.: 7.156 min
Delta R.T.: -0.012 min
Response: 23162
Conc: 5.57 ng/ml



#32 AR-1260-2

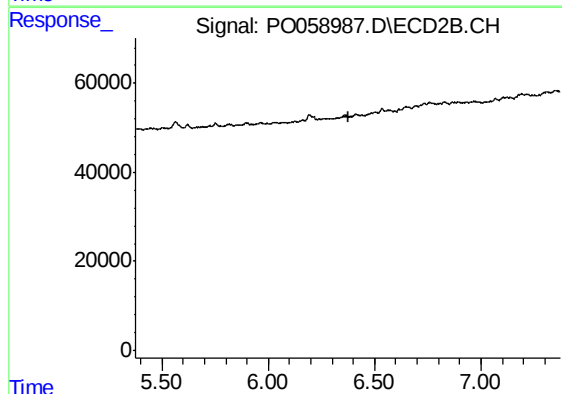
R.T.: 6.191 min
Delta R.T.: -0.033 min
Response: 22898
Conc: 7.56 ng/ml



#33 AR-1260-3

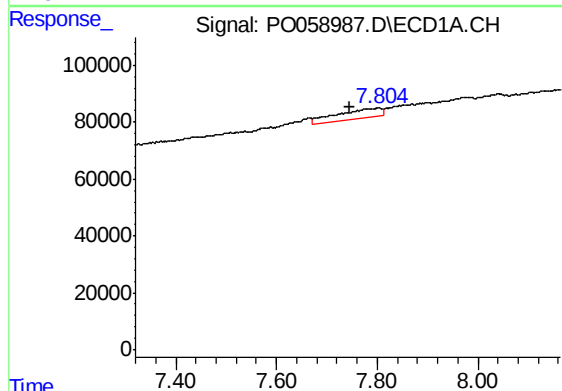
R.T.: 7.509 min
Delta R.T.: -0.012 min
Response: 9630
Conc: 2.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-27



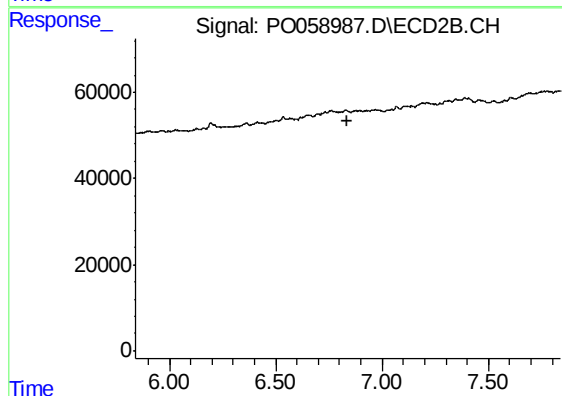
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.375 min
Response: 0
Conc: N.D.



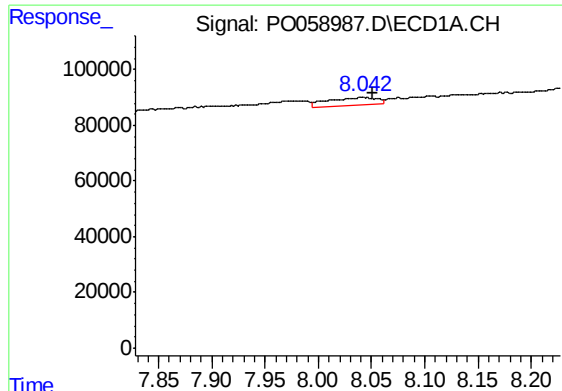
#34 AR-1260-4

R.T.: 7.804 min
Delta R.T.: 0.058 min
Response: 204801
Conc: 60.10 ng/ml



#34 AR-1260-4

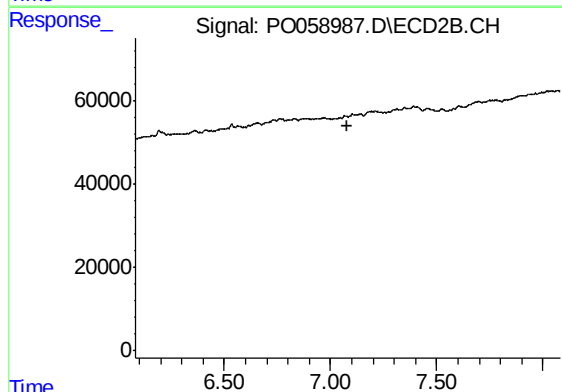
R.T.: 0.000 min
Exp R.T. : 6.839 min
Response: 0
Conc: N.D.



#35 AR-1260-5

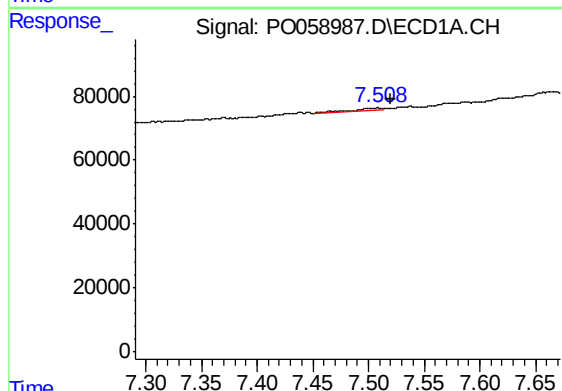
R.T.: 8.040 min
Delta R.T.: -0.011 min
Response: 88382
Conc: 12.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-27



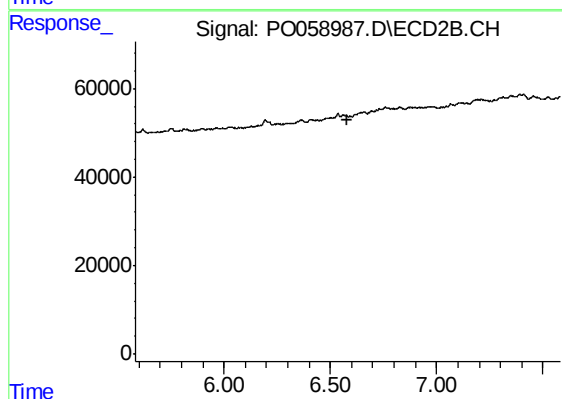
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.082 min
Response: 0
Conc: N.D.



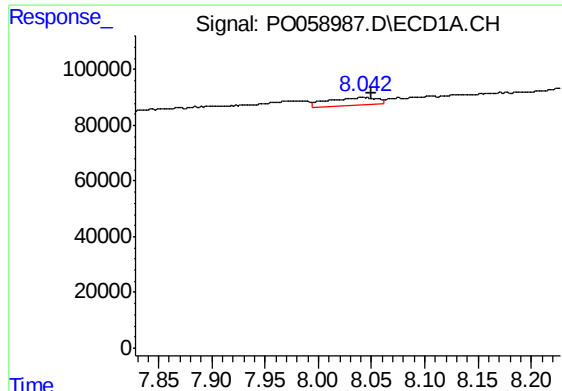
#36 AR-1262-1

R.T.: 7.509 min
Delta R.T.: -0.011 min
Response: 9630
Conc: 1.91 ng/ml



#36 AR-1262-1

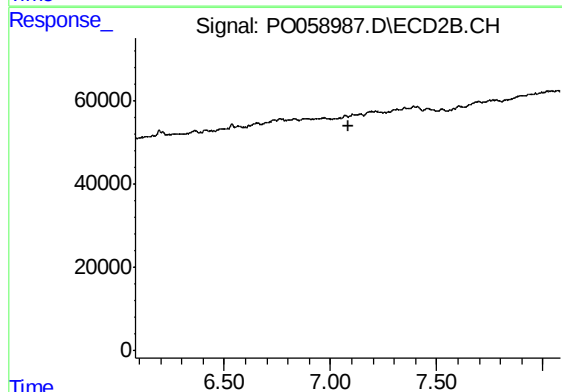
R.T.: 0.000 min
Exp R.T. : 6.583 min
Response: 0
Conc: N.D.



#37 AR-1262-2

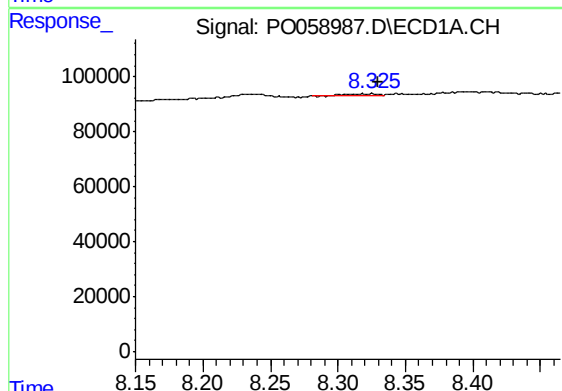
R.T.: 8.040 min
Delta R.T.: -0.009 min
Response: 88382
Conc: 11.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-27



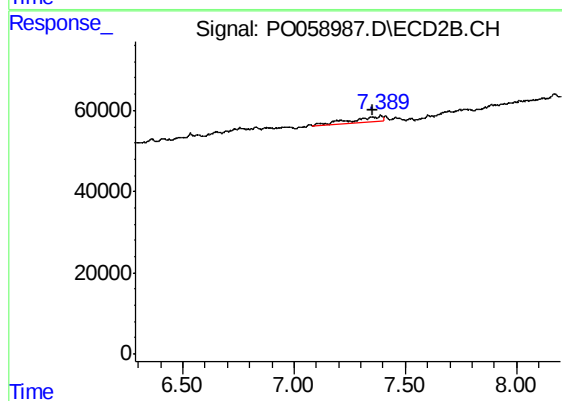
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.082 min
Response: 0
Conc: N.D.



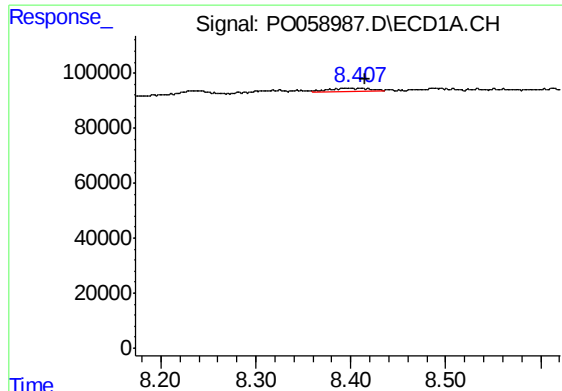
#38 AR-1262-3

R.T.: 8.318 min
Delta R.T.: -0.012 min
Response: 5874
Conc: 1.16 ng/ml



#38 AR-1262-3

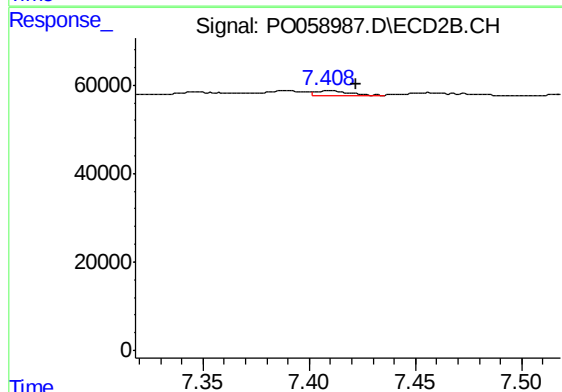
R.T.: 7.389 min
Delta R.T.: 0.032 min
Response: 129687
Conc: 52.55 ng/ml



#39 AR-1262-4

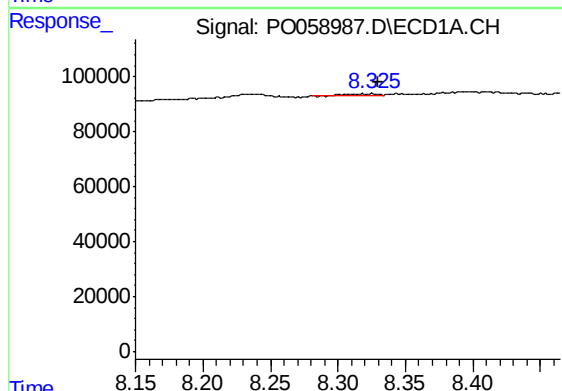
R.T.: 8.408 min
Delta R.T.: -0.007 min
Response: 35429
Conc: 9.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-27



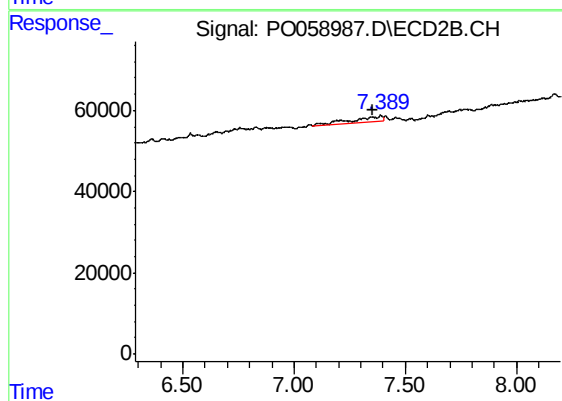
#39 AR-1262-4

R.T.: 7.410 min
Delta R.T.: -0.013 min
Response: 12877
Conc: 3.03 ng/ml



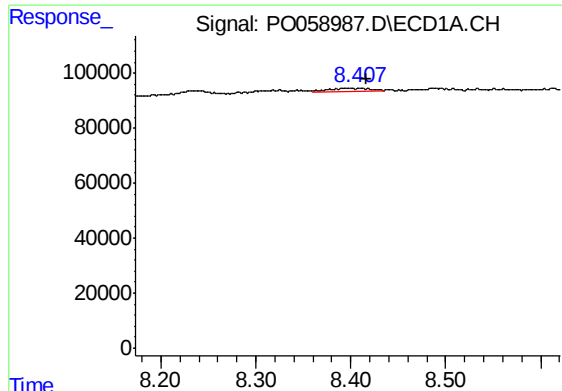
#41 AR-1268-1

R.T.: 8.318 min
Delta R.T.: -0.012 min
Response: 5874
Conc: 0.53 ng/ml



#41 AR-1268-1

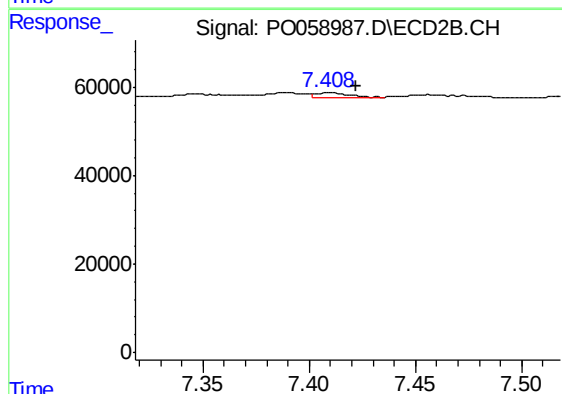
R.T.: 7.389 min
Delta R.T.: 0.032 min
Response: 129687
Conc: 15.92 ng/ml



#42 AR-1268-2

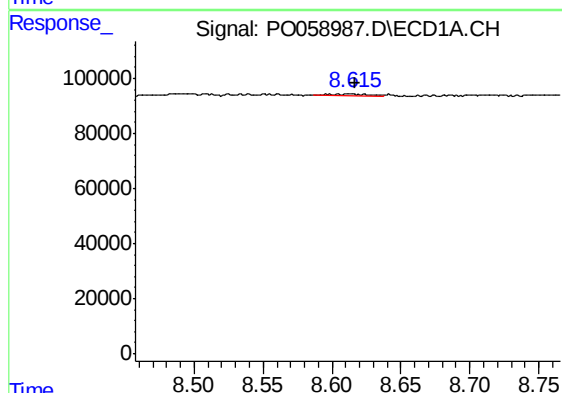
R.T.: 8.408 min
Delta R.T.: -0.008 min
Response: 35429
Conc: 3.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-27



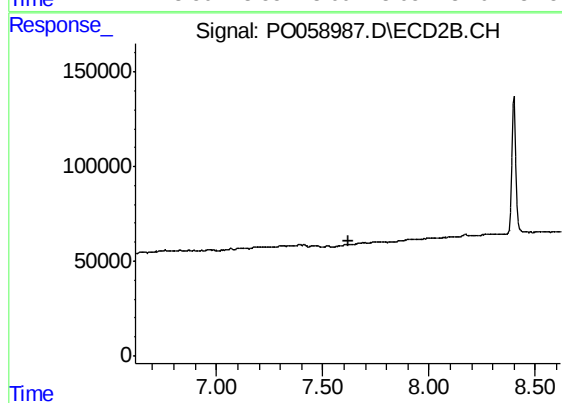
#42 AR-1268-2

R.T.: 7.410 min
Delta R.T.: -0.013 min
Response: 12877
Conc: 1.70 ng/ml



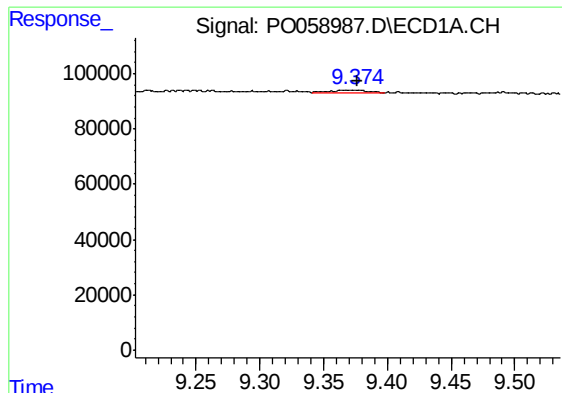
#43 AR-1268-3

R.T.: 8.614 min
Delta R.T.: -0.003 min
Response: 13515
Conc: 1.64 ng/ml



#43 AR-1268-3

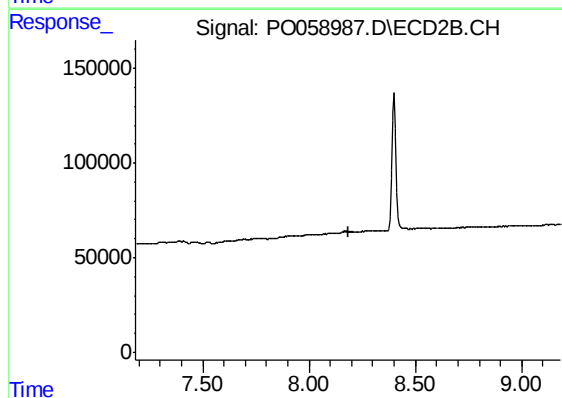
R.T.: 0.000 min
Exp R.T. : 7.619 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.375 min
Delta R.T.: -0.002 min
Response: 20769
Conc: 0.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-27



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.183 min
Response: 0
Conc: N.D.