

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081219\
 Data File : P0059222.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 13 Aug 2019 3:53
 Operator : SM/SJ
 Sample : K4085-01
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 HR-05-080919-A

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 13 04:26:27 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...	4.150	3.513	909021	805535	21.539	20.164
2)	SA Decachlor...	9.649	8.388	813407	556751	15.020	14.105
Target Compounds							
3)	L1 AR-1016-1	5.329	0.000	11423	0	6.096	N.D. #
4)	L1 AR-1016-2	5.376	0.000	11045	0	4.014	N.D. #
5)	L1 AR-1016-3	5.428	0.000	13773	0	8.112	N.D. #
6)	L1 AR-1016-4	5.484	0.000	3401	0	2.431	N.D. #
7)	L1 AR-1016-5	5.816	0.000	9450	0	6.597	N.D. #
8)	L2 AR-1221-1	4.379	0.000	4784	0	10.531	N.D. #
9)	L2 AR-1221-2	4.453	0.000	26058	0	75.578	N.D. #
10)	L2 AR-1221-3	4.568	3.922	24928	24190	22.733	25.288
11)	L3 AR-1232-1	4.568	3.922	24928	24190	27.612	30.794
12)	L3 AR-1232-2	5.101	0.000	13647	0	27.744	N.D. #
13)	L3 AR-1232-3	5.376	0.000	11045	0	10.315	N.D. #
14)	L3 AR-1232-4	5.484	0.000	3401	0	6.379	N.D. #
15)	L3 AR-1232-5	5.610	0.000	3034	0	7.436	N.D. #
16)	L4 AR-1242-1	5.329	0.000	11423	0	8.920	N.D. #
17)	L4 AR-1242-2	5.376	0.000	11045	0	5.839	N.D. #
18)	L4 AR-1242-3	5.428	0.000	13773	0	11.741	N.D. #
19)	L4 AR-1242-4	5.484	0.000	3401	0	3.539	N.D. #
20)	L4 AR-1242-5	6.219	5.321	21009	20419	17.887	19.035
21)	L5 AR-1248-1	5.329	0.000	11423	0	11.299	N.D. #
22)	L5 AR-1248-2	5.610	0.000	3034	0	2.099	N.D. #
23)	L5 AR-1248-3	5.816	0.000	9450	0	5.753	N.D. #
24)	L5 AR-1248-4	6.219	0.000	21009	0	10.374	N.D. #
25)	L5 AR-1248-5	6.219	0.000	21009	0	10.884	N.D. #
26)	L6 AR-1254-1	6.179	5.321	24564	20419	10.403	7.882
27)	L6 AR-1254-2	6.366	5.555	30840	77800	8.002	33.982 #
28)	L6 AR-1254-3	6.748	0.000	11001	0	2.717	N.D. #
29)	L6 AR-1254-4	7.050	0.000	15470	0	4.297	N.D. #
30)	L6 AR-1254-5	7.453	6.526	27173	20992	7.496	6.085
31)	L7 AR-1260-1	6.918	0.000	6651	0	2.310	N.D. #
32)	L7 AR-1260-2	7.188	6.278	13227	25168	3.180	8.308 #
33)	L7 AR-1260-3	7.497	0.000	11326	0	3.041	N.D. #
34)	L7 AR-1260-4	7.725	0.000	39088	0	11.470	N.D. #
35)	L7 AR-1260-5	8.068	0.000	25491	0	3.466	N.D. #
36)	L8 AR-1262-1	7.497	6.526	11326	20992	2.247	5.877 #
37)	L8 AR-1262-2	8.068	0.000	25491	0	3.203	N.D. #
38)	L8 AR-1262-3	8.334	7.401	17474	31058	3.437	12.584 #
39)	L8 AR-1262-4	8.391	7.401	37626	31058	9.929	7.314 #
40)	L8 AR-1262-5	9.016	0.000	1740	0	0.758	N.D. #
41)	L9 AR-1268-1	8.334	7.401	17474	31058	1.564	3.813 #

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 Acq On : 13 Aug 2019 3:53
 Operator : SM/SJ
 Sample : K4085-01
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

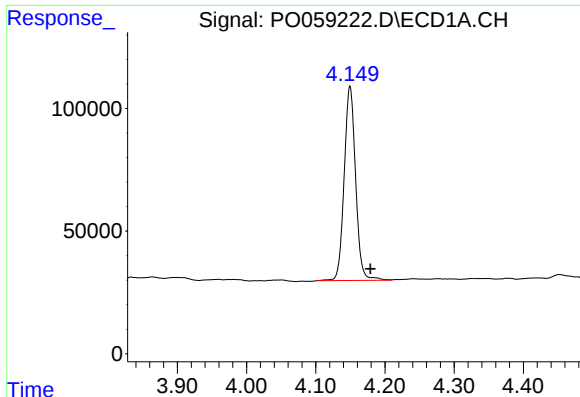
Instrument :
 ECD_O
 ClientSampleId :
 HR-05-080919-A

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
42) L9	AR-1268-2	8.391	7.401	37626	31058	4.006	4.099
43) L9	AR-1268-3	8.629	0.000	8932	0	1.082	N.D. #
44) L9	AR-1268-4	9.016	0.000	1740	0	0.582	N.D. #
45) L9	AR-1268-5	9.359	0.000	29656	0	1.381	N.D. #

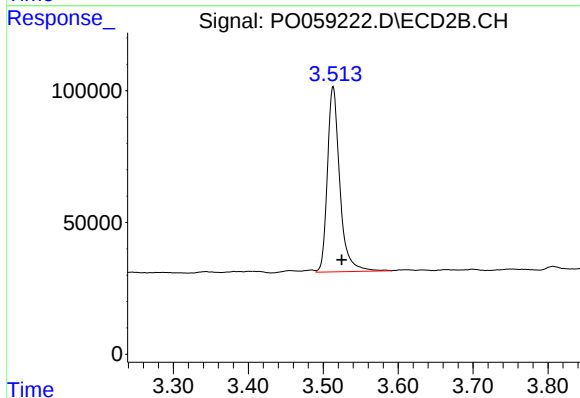
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

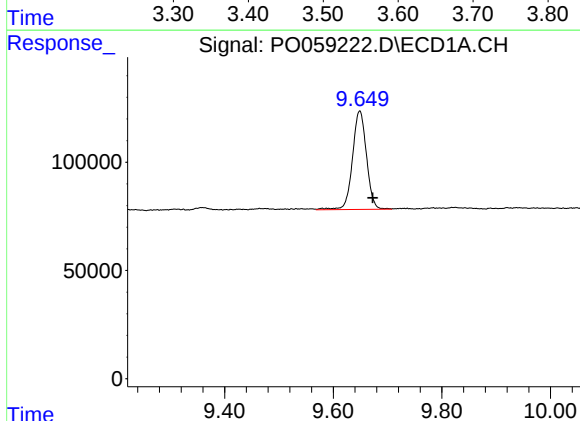
R.T.: 4.150 min
Delta R.T.: -0.029 min
Response: 909021
Conc: 21.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
HR-05-080919-A



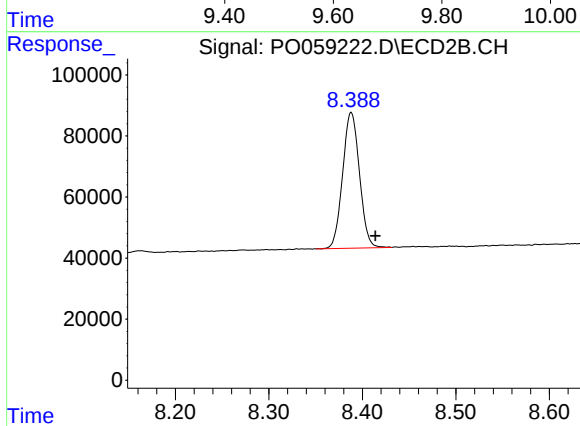
#1 Tetrachloro-m-xylene

R.T.: 3.513 min
Delta R.T.: -0.012 min
Response: 805535
Conc: 20.16 ng/ml



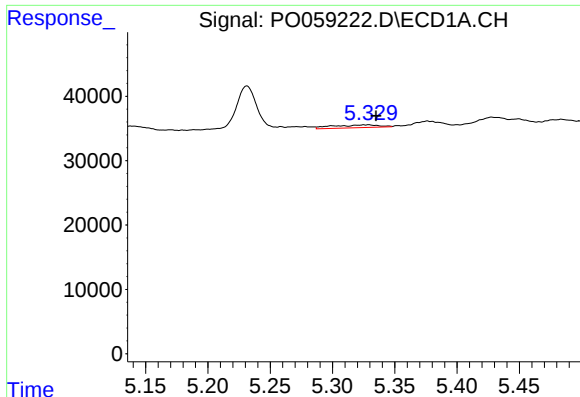
#2 Decachlorobiphenyl

R.T.: 9.649 min
Delta R.T.: -0.024 min
Response: 813407
Conc: 15.02 ng/ml



#2 Decachlorobiphenyl

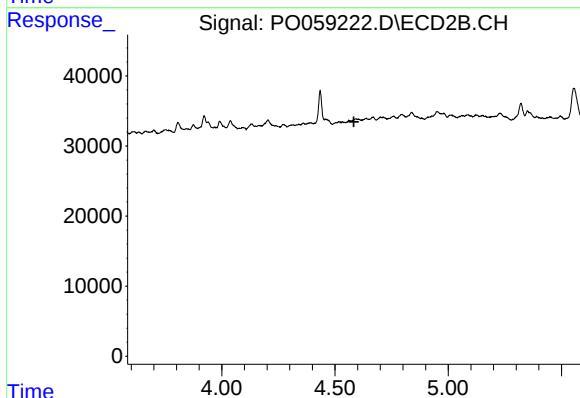
R.T.: 8.388 min
Delta R.T.: -0.026 min
Response: 556751
Conc: 14.10 ng/ml



#3 AR-1016-1

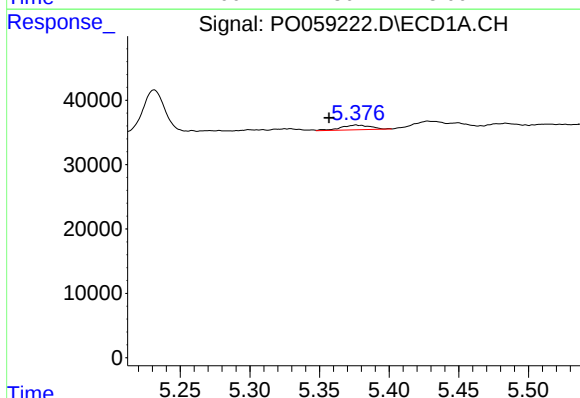
R.T.: 5.329 min
Delta R.T.: -0.006 min
Response: 11423
Conc: 6.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
HR-05-080919-A



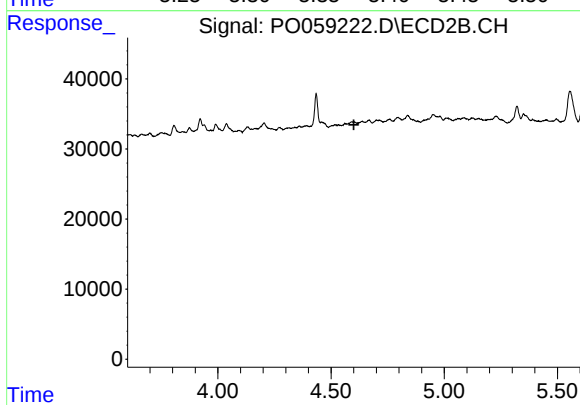
#3 AR-1016-1

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



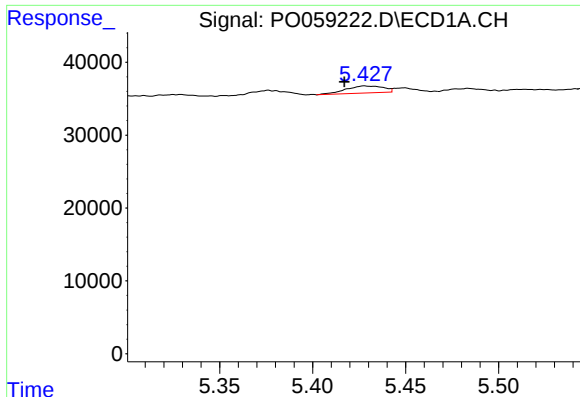
#4 AR-1016-2

R.T.: 5.376 min
Delta R.T.: 0.020 min
Response: 11045
Conc: 4.01 ng/ml



#4 AR-1016-2

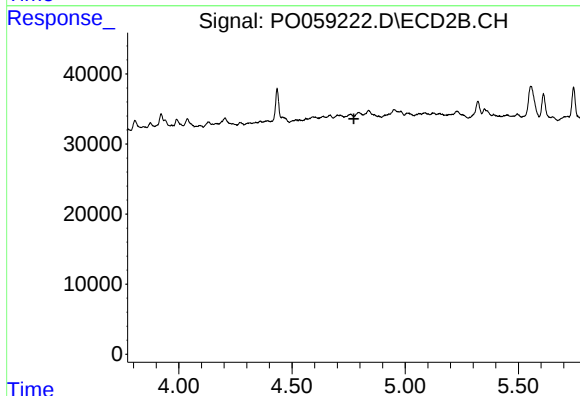
R.T.: 0.000 min
Exp R.T. : 4.601 min
Response: 0
Conc: N.D.



#5 AR-1016-3

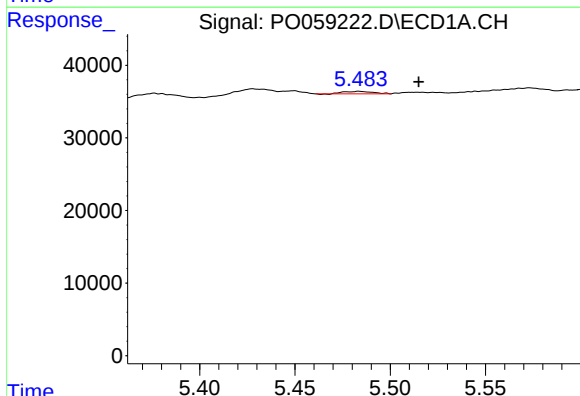
R.T.: 5.428 min
Delta R.T.: 0.011 min
Response: 13773
Conc: 8.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
HR-05-080919-A



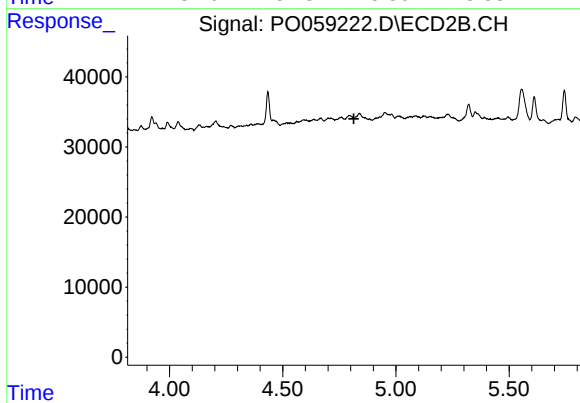
#5 AR-1016-3

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



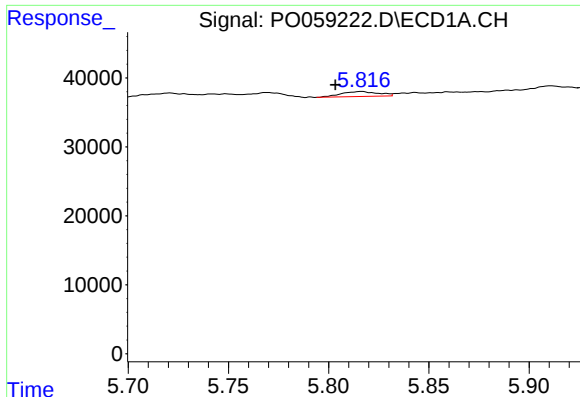
#6 AR-1016-4

R.T.: 5.484 min
Delta R.T.: -0.031 min
Response: 3401
Conc: 2.43 ng/ml



#6 AR-1016-4

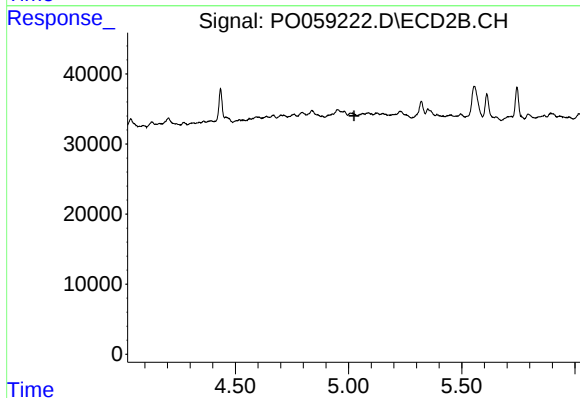
R.T.: 0.000 min
Exp R.T. : 4.815 min
Response: 0
Conc: N.D.



#7 AR-1016-5

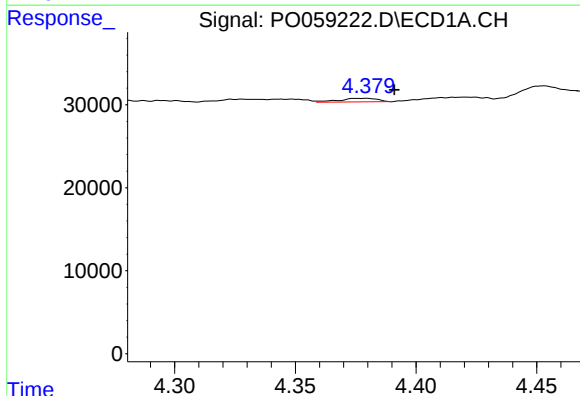
R.T.: 5.816 min
Delta R.T.: 0.013 min
Response: 9450
Conc: 6.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
HR-05-080919-A



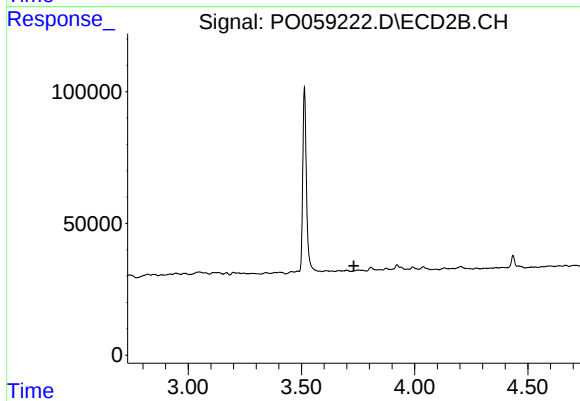
#7 AR-1016-5

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



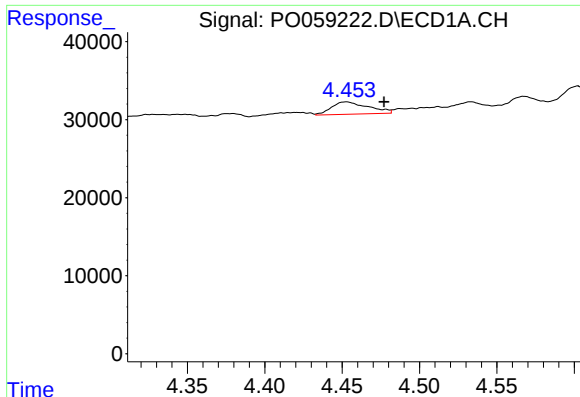
#8 AR-1221-1

R.T.: 4.379 min
Delta R.T.: -0.012 min
Response: 4784
Conc: 10.53 ng/ml



#8 AR-1221-1

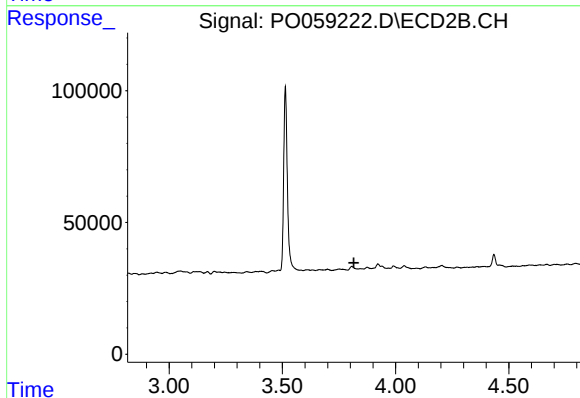
R.T.: 0.000 min
Exp R.T. : 3.732 min
Response: 0
Conc: N.D.



#9 AR-1221-2

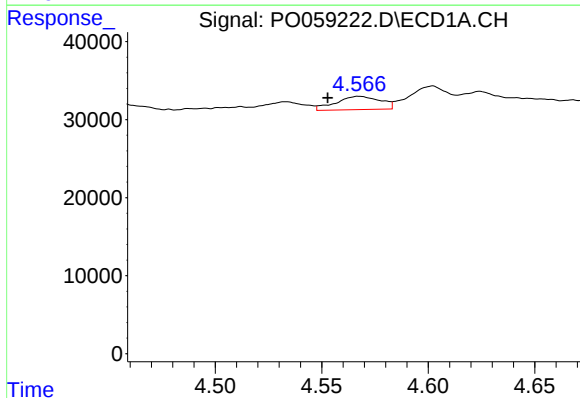
R.T.: 4.453 min
Delta R.T.: -0.025 min
Response: 26058
Conc: 75.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
HR-05-080919-A



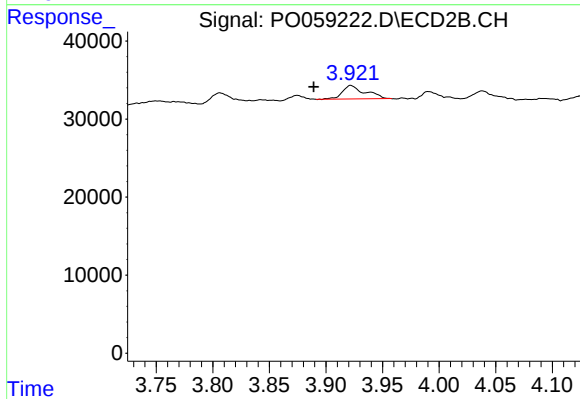
#9 AR-1221-2

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



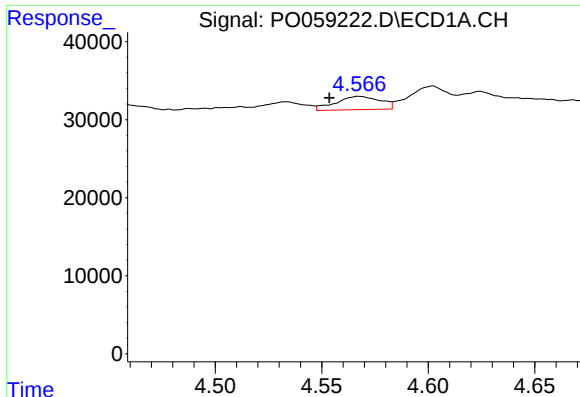
#10 AR-1221-3

R.T.: 4.568 min
Delta R.T.: 0.015 min
Response: 24928
Conc: 22.73 ng/ml



#10 AR-1221-3

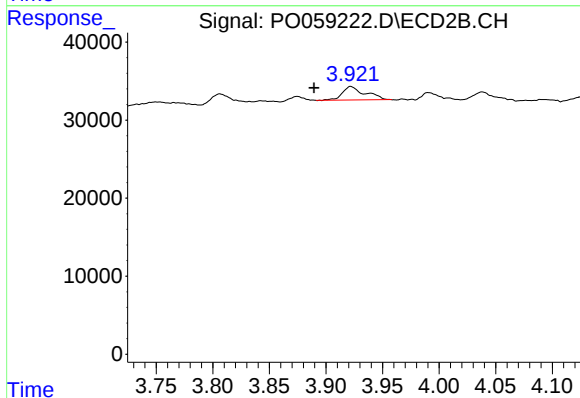
R.T.: 3.922 min
Delta R.T.: 0.033 min
Response: 24190
Conc: 25.29 ng/ml



#11 AR-1232-1

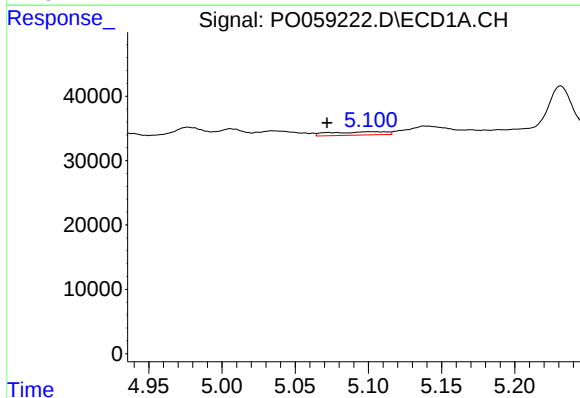
R.T.: 4.568 min
Delta R.T.: 0.014 min
Response: 24928
Conc: 27.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
HR-05-080919-A



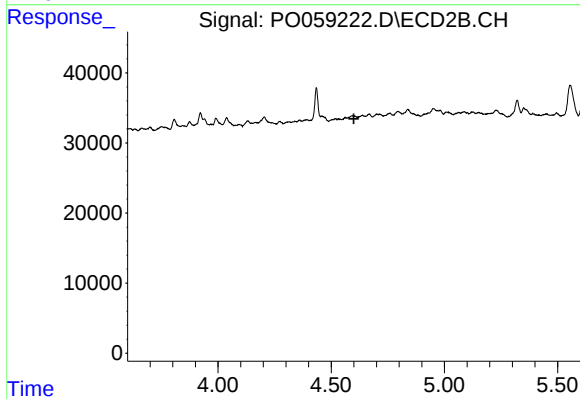
#11 AR-1232-1

R.T.: 3.922 min
Delta R.T.: 0.033 min
Response: 24190
Conc: 30.79 ng/ml



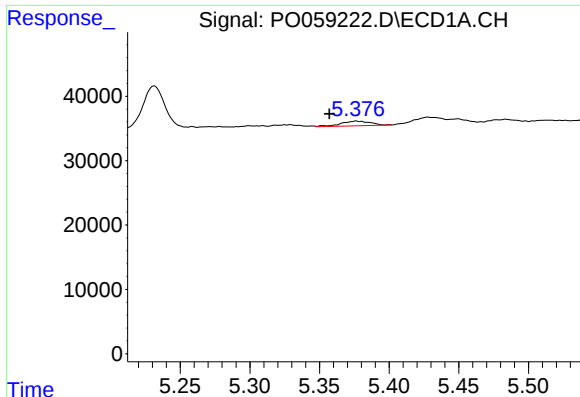
#12 AR-1232-2

R.T.: 5.101 min
Delta R.T.: 0.029 min
Response: 13647
Conc: 27.74 ng/ml



#12 AR-1232-2

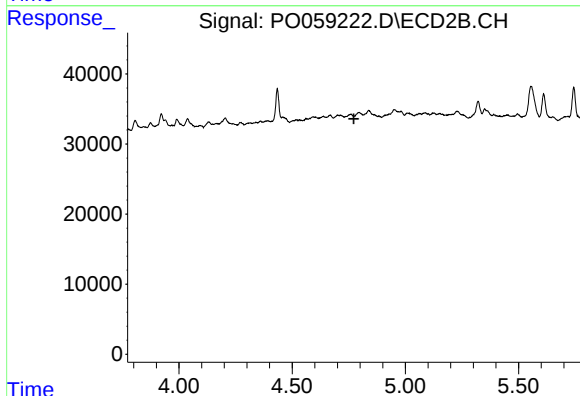
R.T.: 0.000 min
Exp R.T.: 4.600 min
Response: 0
Conc: N.D.



#13 AR-1232-3

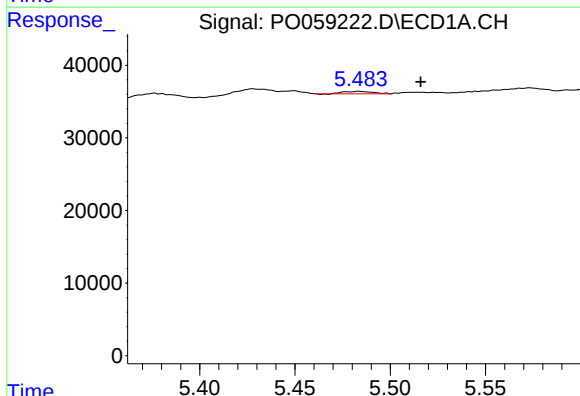
R.T.: 5.376 min
Delta R.T.: 0.019 min
Response: 11045
Conc: 10.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
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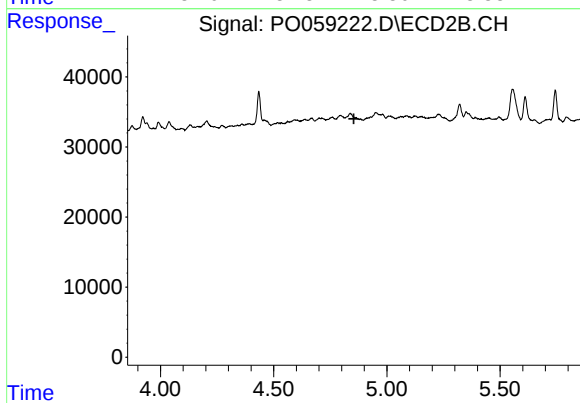
#13 AR-1232-3

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



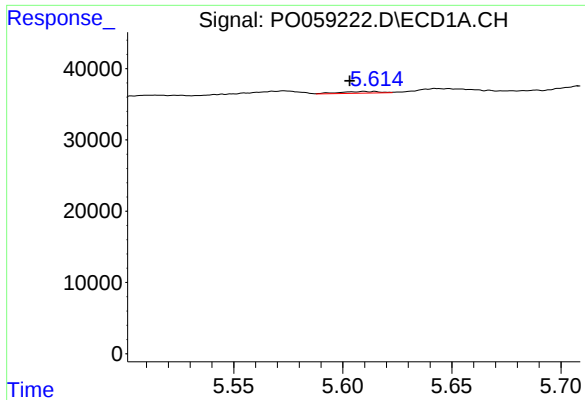
#14 AR-1232-4

R.T.: 5.484 min
Delta R.T.: -0.032 min
Response: 3401
Conc: 6.38 ng/ml



#14 AR-1232-4

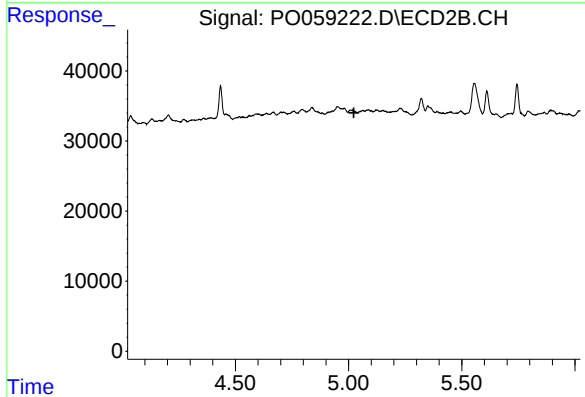
R.T.: 0.000 min
Exp R.T. : 4.854 min
Response: 0
Conc: N.D.



#15 AR-1232-5

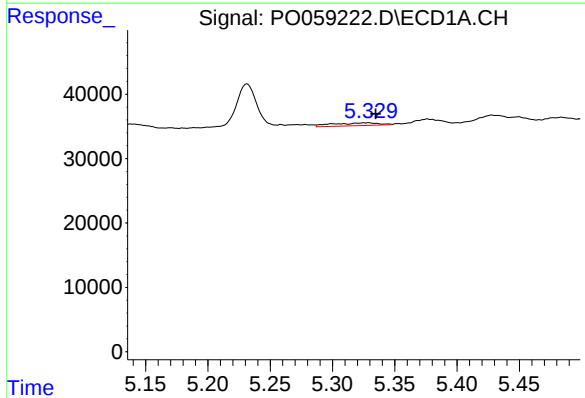
R.T.: 5.610 min
Delta R.T.: 0.006 min
Response: 3034
Conc: 7.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
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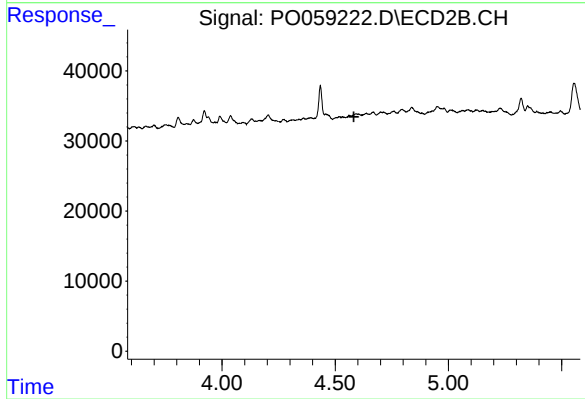
#15 AR-1232-5

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



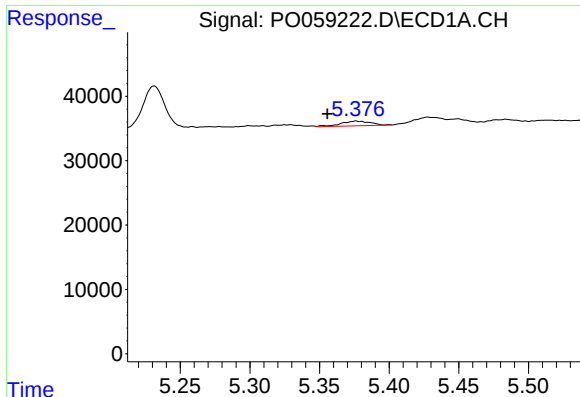
#16 AR-1242-1

R.T.: 5.329 min
Delta R.T.: -0.006 min
Response: 11423
Conc: 8.92 ng/ml



#16 AR-1242-1

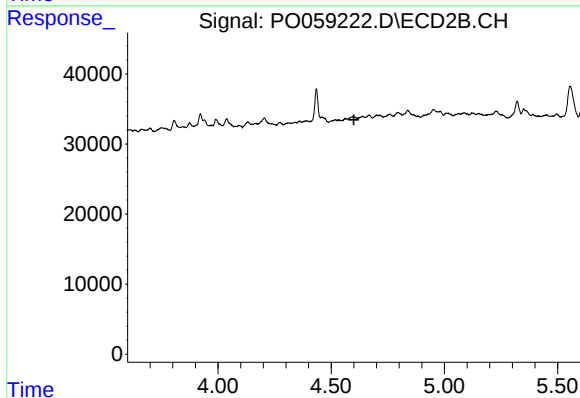
R.T.: 0.000 min
Exp R.T. : 4.583 min
Response: 0
Conc: N.D.



#17 AR-1242-2

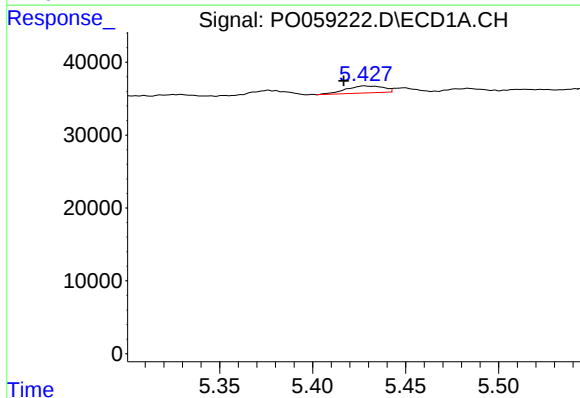
R.T.: 5.376 min
Delta R.T.: 0.021 min
Response: 11045
Conc: 5.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
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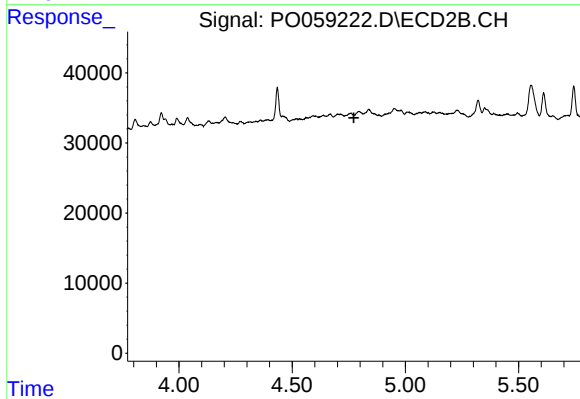
#17 AR-1242-2

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



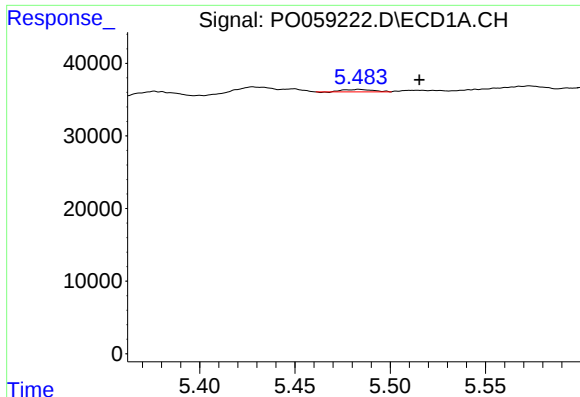
#18 AR-1242-3

R.T.: 5.428 min
Delta R.T.: 0.012 min
Response: 13773
Conc: 11.74 ng/ml



#18 AR-1242-3

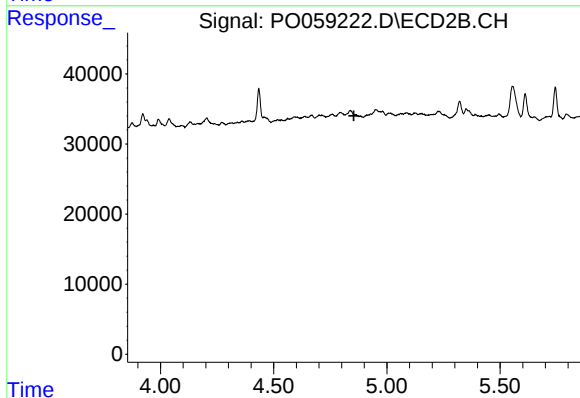
R.T.: 0.000 min
Exp R.T. : 4.773 min
Response: 0
Conc: N.D.



#19 AR-1242-4

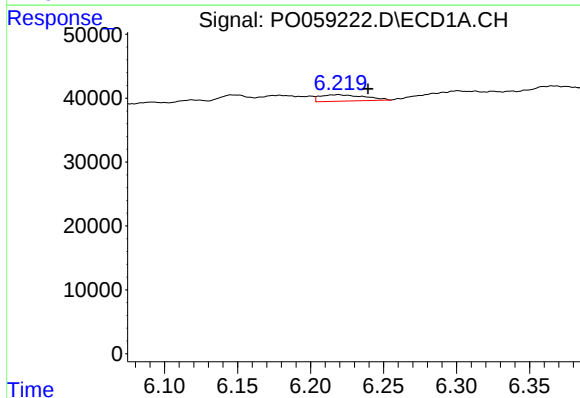
R.T.: 5.484 min
Delta R.T.: -0.031 min
Response: 3401
Conc: 3.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
HR-05-080919-A



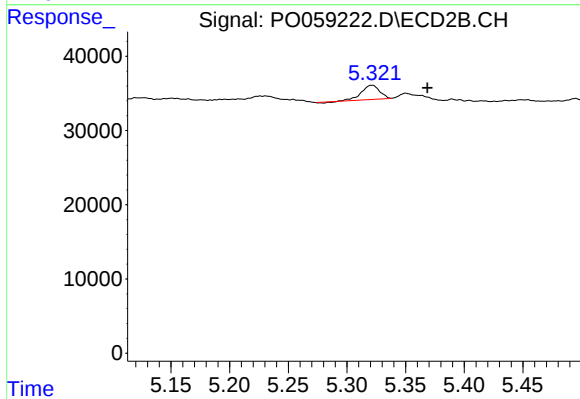
#19 AR-1242-4

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



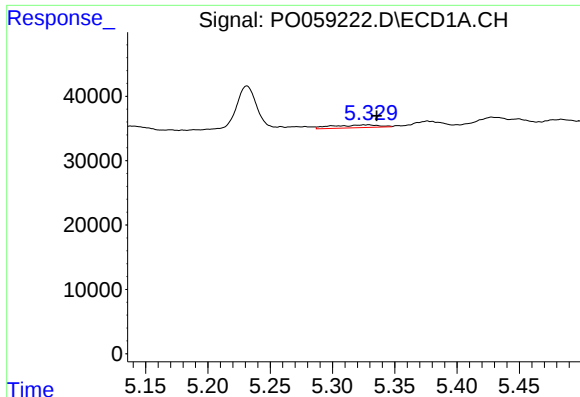
#20 AR-1242-5

R.T.: 6.219 min
Delta R.T.: -0.020 min
Response: 21009
Conc: 17.89 ng/ml



#20 AR-1242-5

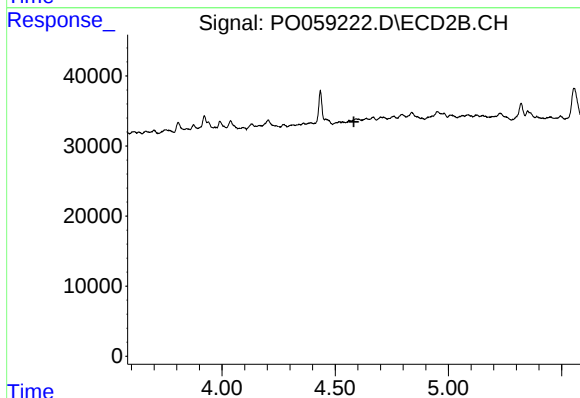
R.T.: 5.321 min
Delta R.T.: -0.047 min
Response: 20419
Conc: 19.03 ng/ml



#21 AR-1248-1

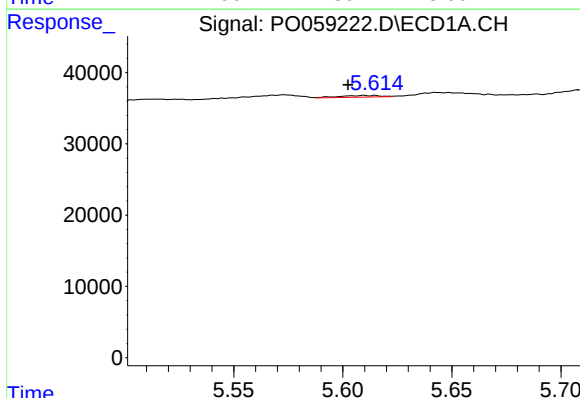
R.T.: 5.329 min
Delta R.T.: -0.006 min
Response: 11423
Conc: 11.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
HR-05-080919-A



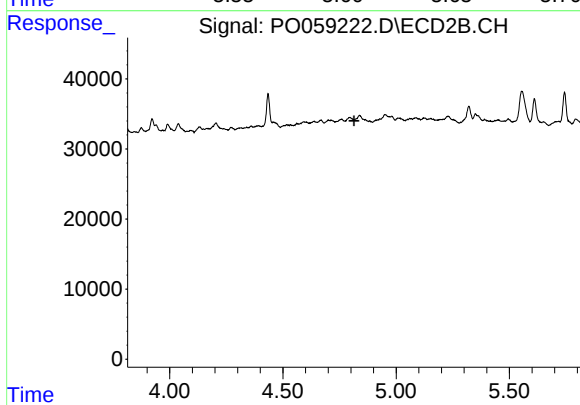
#21 AR-1248-1

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



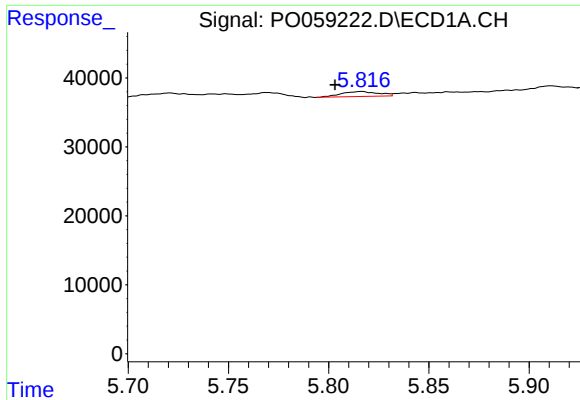
#22 AR-1248-2

R.T.: 5.610 min
Delta R.T.: 0.007 min
Response: 3034
Conc: 2.10 ng/ml



#22 AR-1248-2

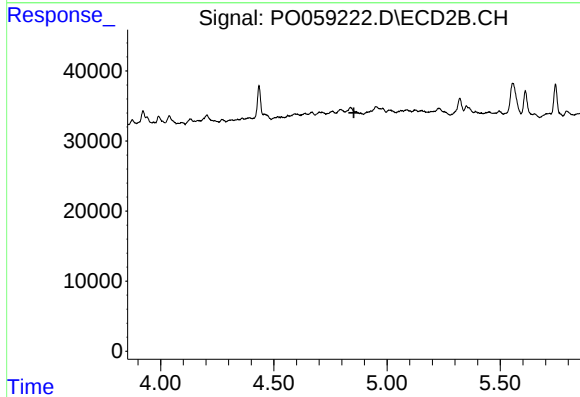
R.T.: 0.000 min
Exp R.T. : 4.814 min
Response: 0
Conc: N.D.



#23 AR-1248-3

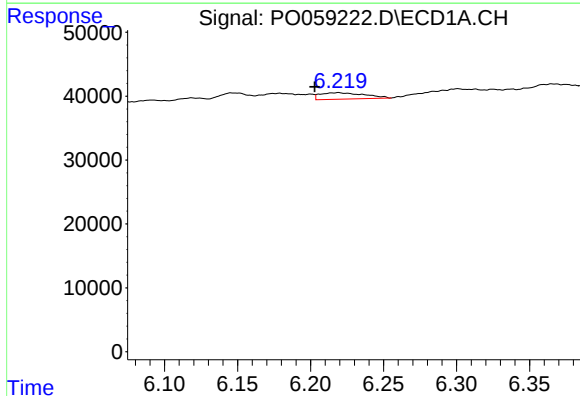
R.T.: 5.816 min
Delta R.T.: 0.013 min
Response: 9450
Conc: 5.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
HR-05-080919-A



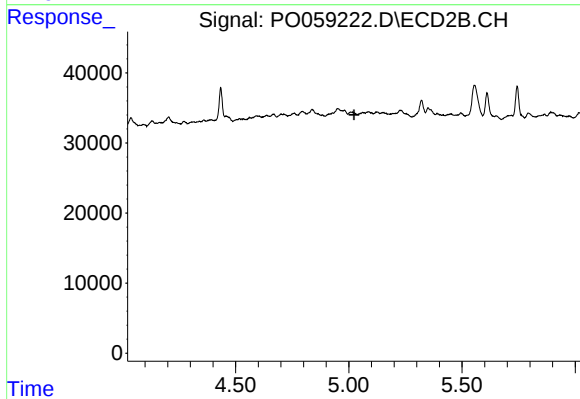
#23 AR-1248-3

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



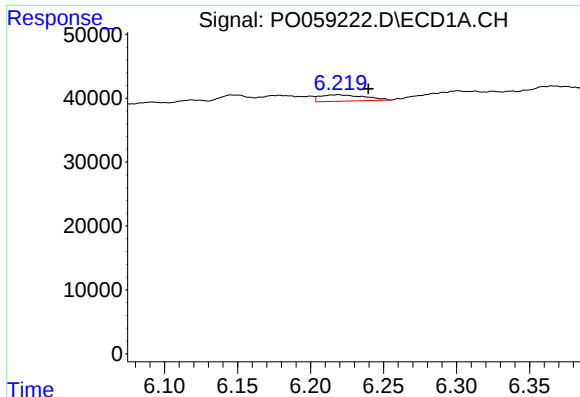
#24 AR-1248-4

R.T.: 6.219 min
Delta R.T.: 0.016 min
Response: 21009
Conc: 10.37 ng/ml



#24 AR-1248-4

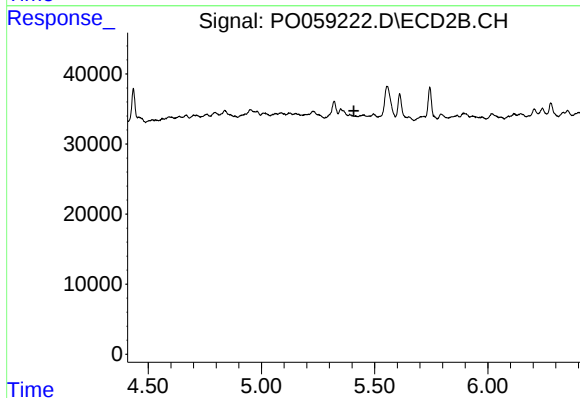
R.T.: 0.000 min
Exp R.T. : 5.023 min
Response: 0
Conc: N.D.



#25 AR-1248-5

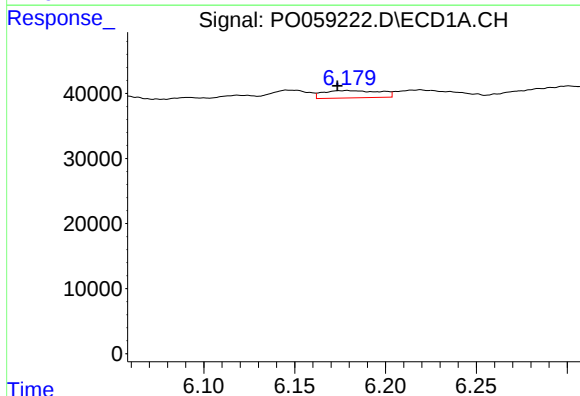
R.T.: 6.219 min
Delta R.T.: -0.020 min
Response: 21009
Conc: 10.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
HR-05-080919-A



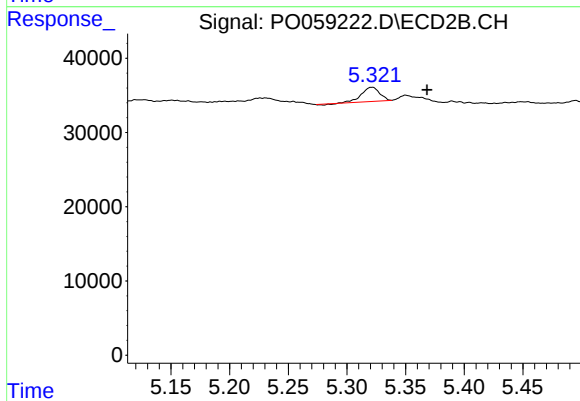
#25 AR-1248-5

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



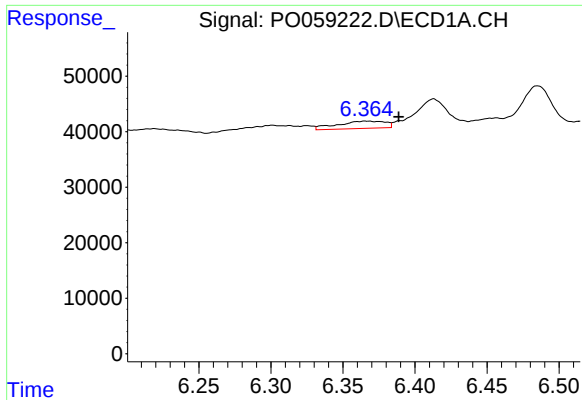
#26 AR-1254-1

R.T.: 6.179 min
Delta R.T.: 0.005 min
Response: 24564
Conc: 10.40 ng/ml



#26 AR-1254-1

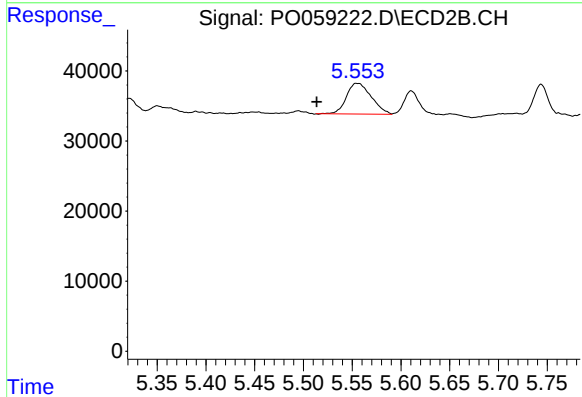
R.T.: 5.321 min
Delta R.T.: -0.047 min
Response: 20419
Conc: 7.88 ng/ml



#27 AR-1254-2

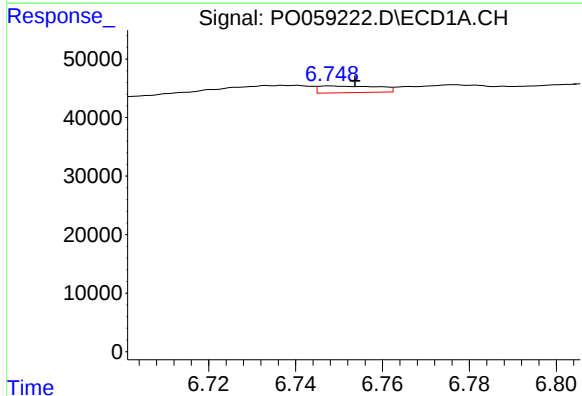
R.T.: 6.366 min
Delta R.T.: -0.023 min
Response: 30840
Conc: 8.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
HR-05-080919-A



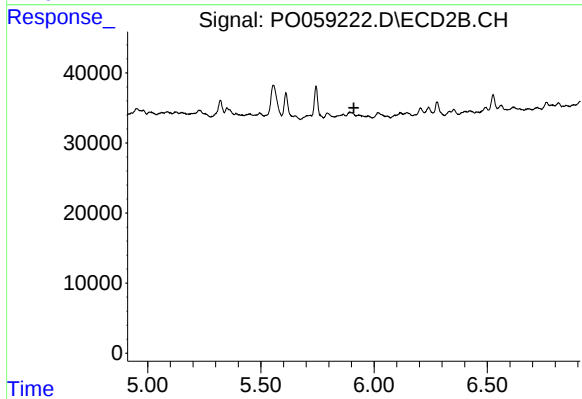
#27 AR-1254-2

R.T.: 5.555 min
Delta R.T.: 0.041 min
Response: 77800
Conc: 33.98 ng/ml



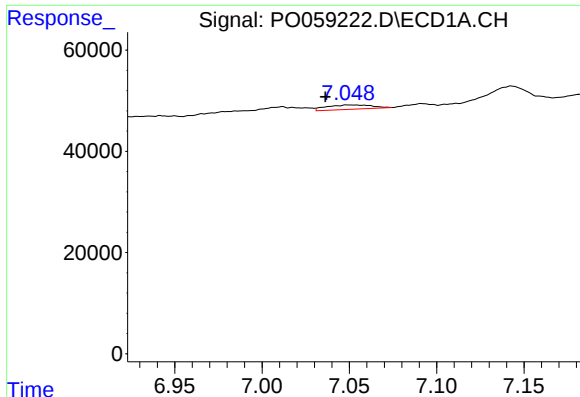
#28 AR-1254-3

R.T.: 6.748 min
Delta R.T.: -0.006 min
Response: 11001
Conc: 2.72 ng/ml



#28 AR-1254-3

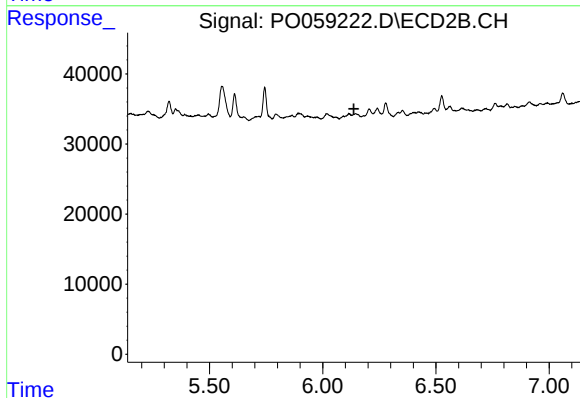
R.T.: 0.000 min
Exp R.T.: 5.911 min
Response: 0
Conc: N.D.



#29 AR-1254-4

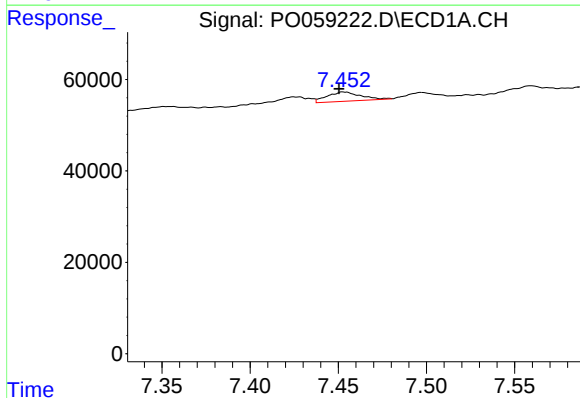
R.T.: 7.050 min
Delta R.T.: 0.013 min
Response: 15470
Conc: 4.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
HR-05-080919-A



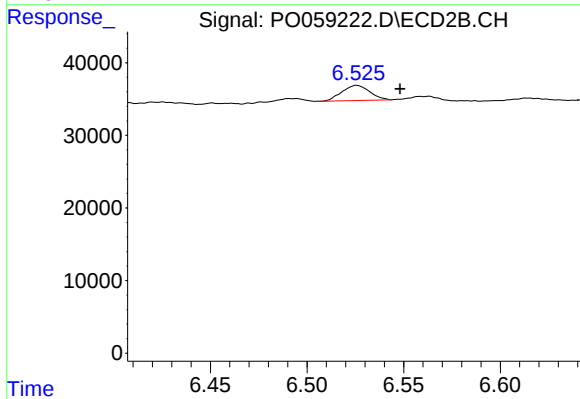
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.138 min
Response: 0
Conc: N.D.



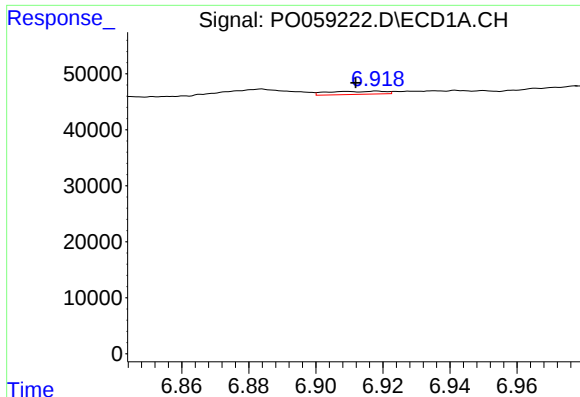
#30 AR-1254-5

R.T.: 7.453 min
Delta R.T.: 0.003 min
Response: 27173
Conc: 7.50 ng/ml



#30 AR-1254-5

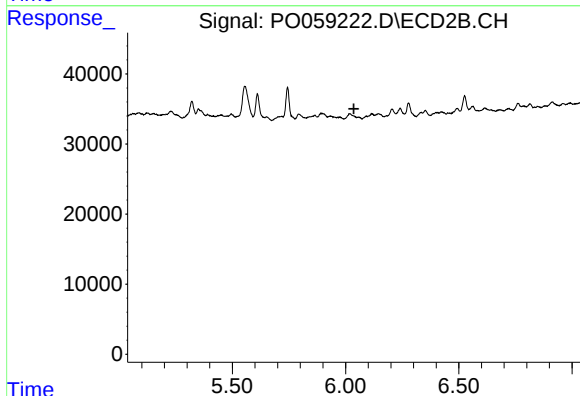
R.T.: 6.526 min
Delta R.T.: -0.022 min
Response: 20992
Conc: 6.09 ng/ml



#31 AR-1260-1

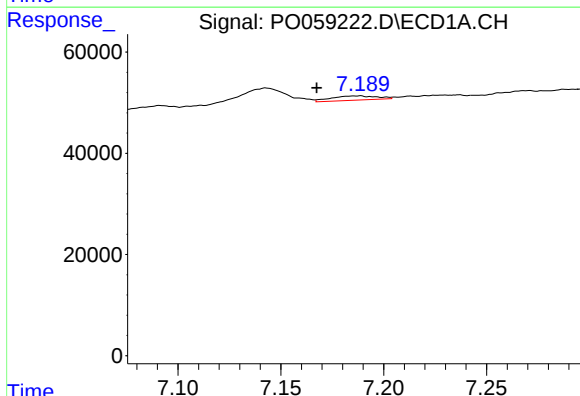
R.T.: 6.918 min
Delta R.T.: 0.006 min
Response: 6651
Conc: 2.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
HR-05-080919-A



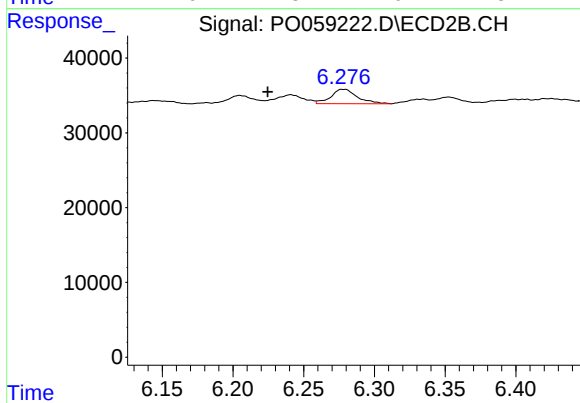
#31 AR-1260-1

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



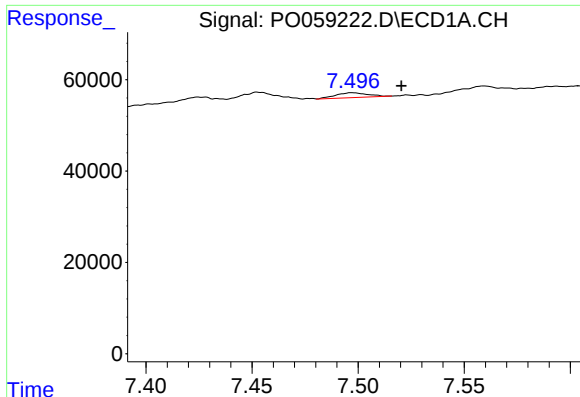
#32 AR-1260-2

R.T.: 7.188 min
Delta R.T.: 0.020 min
Response: 13227
Conc: 3.18 ng/ml



#32 AR-1260-2

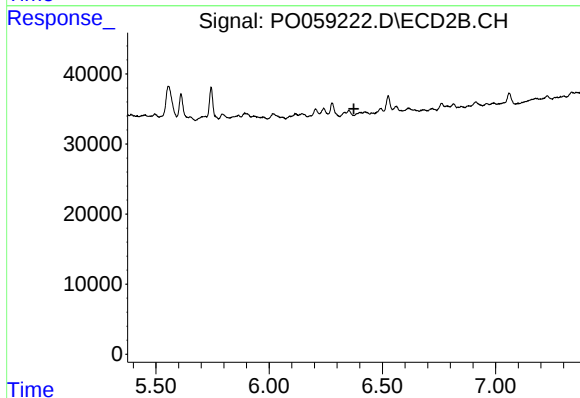
R.T.: 6.278 min
Delta R.T.: 0.054 min
Response: 25168
Conc: 8.31 ng/ml



#33 AR-1260-3

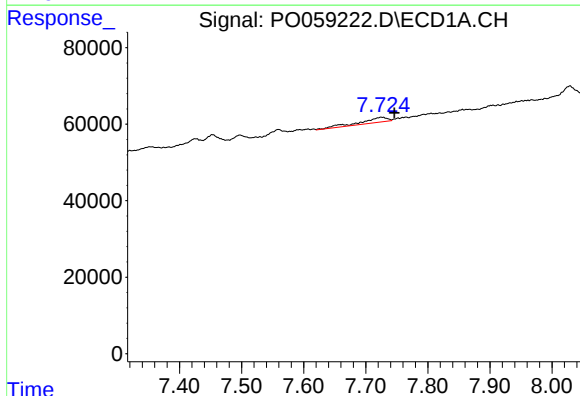
R.T.: 7.497 min
Delta R.T.: -0.023 min
Response: 11326
Conc: 3.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
HR-05-080919-A



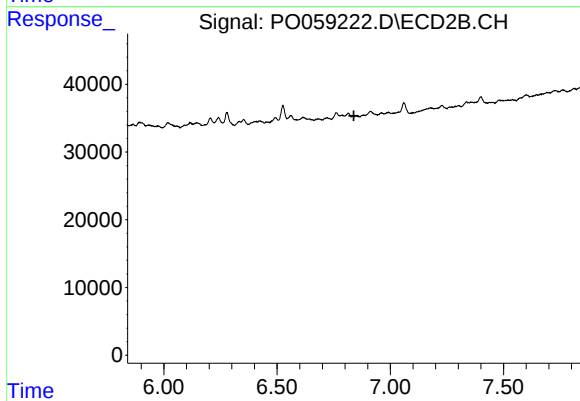
#33 AR-1260-3

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



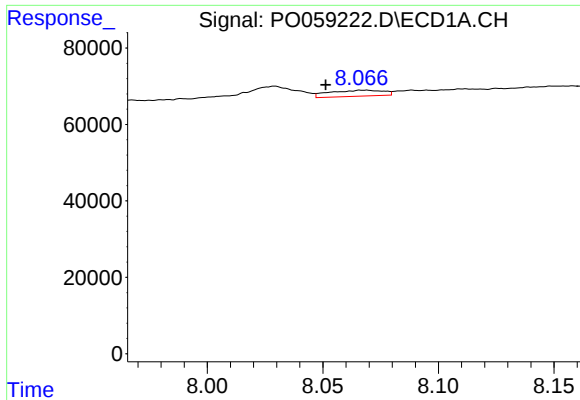
#34 AR-1260-4

R.T.: 7.725 min
Delta R.T.: -0.021 min
Response: 39088
Conc: 11.47 ng/ml



#34 AR-1260-4

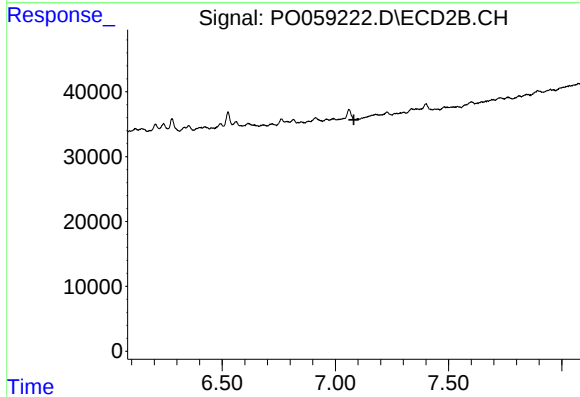
R.T.: 0.000 min
Exp R.T. : 6.839 min
Response: 0
Conc: N.D.



#35 AR-1260-5

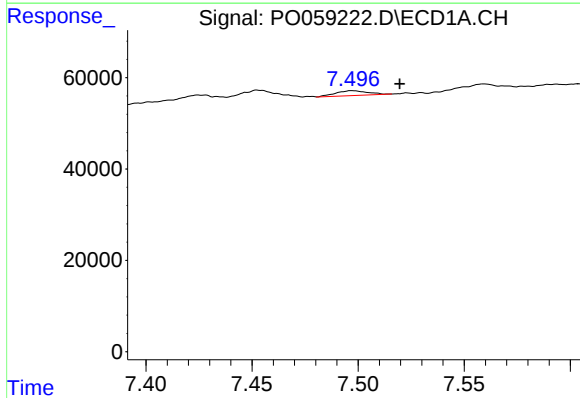
R.T.: 8.068 min
Delta R.T.: 0.017 min
Response: 25491
Conc: 3.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
HR-05-080919-A



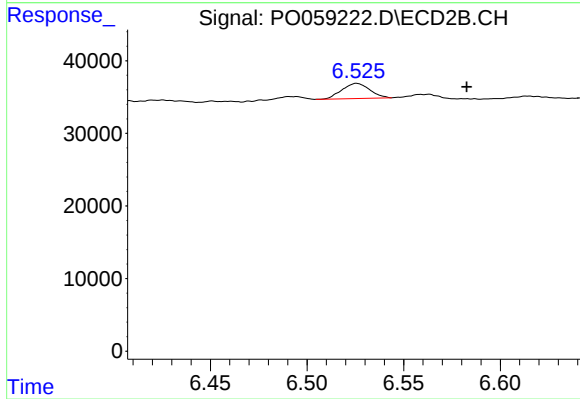
#35 AR-1260-5

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



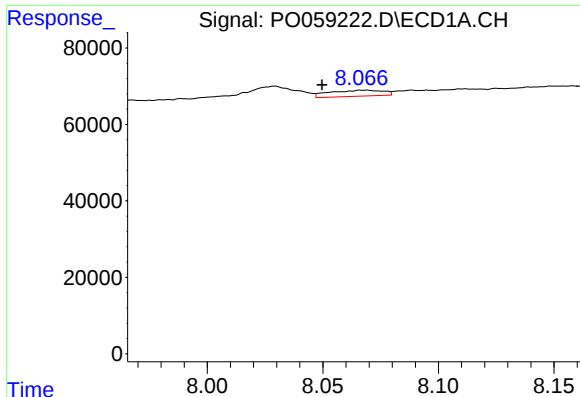
#36 AR-1262-1

R.T.: 7.497 min
Delta R.T.: -0.022 min
Response: 11326
Conc: 2.25 ng/ml



#36 AR-1262-1

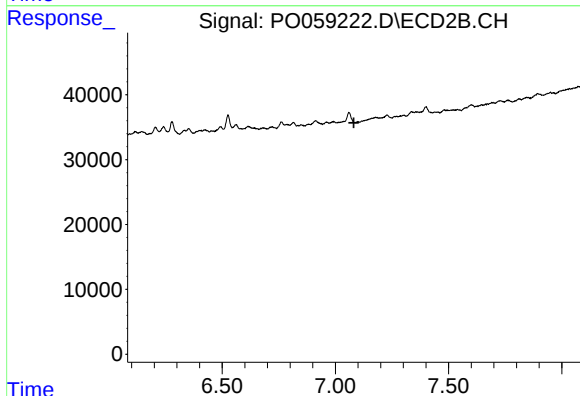
R.T.: 6.526 min
Delta R.T.: -0.057 min
Response: 20992
Conc: 5.88 ng/ml



#37 AR-1262-2

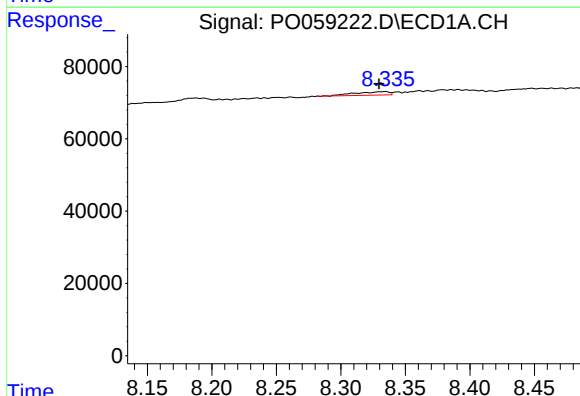
R.T.: 8.068 min
Delta R.T.: 0.018 min
Response: 25491
Conc: 3.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
HR-05-080919-A



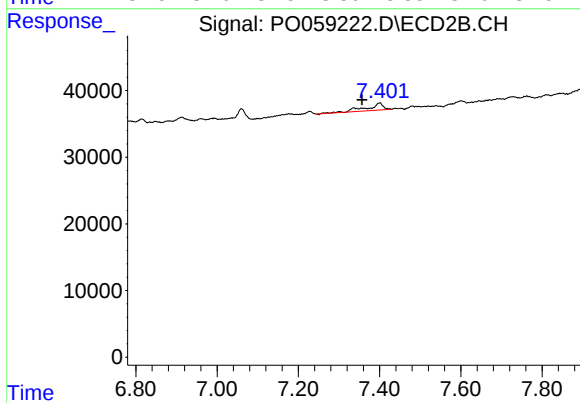
#37 AR-1262-2

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



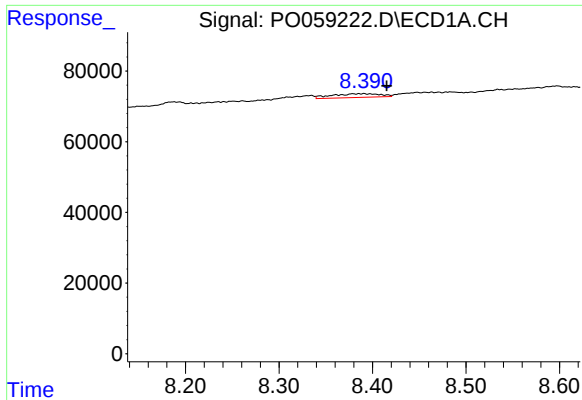
#38 AR-1262-3

R.T.: 8.334 min
Delta R.T.: 0.004 min
Response: 17474
Conc: 3.44 ng/ml



#38 AR-1262-3

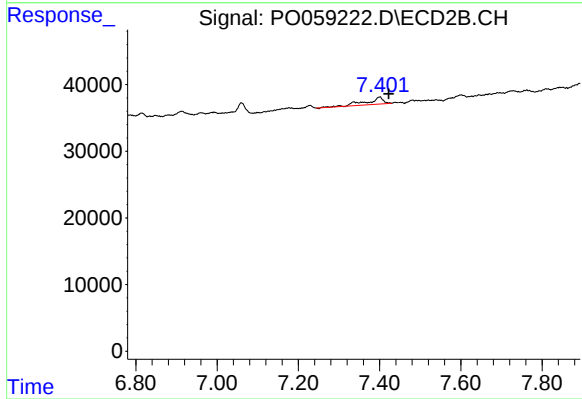
R.T.: 7.401 min
Delta R.T.: 0.044 min
Response: 31058
Conc: 12.58 ng/ml



#39 AR-1262-4

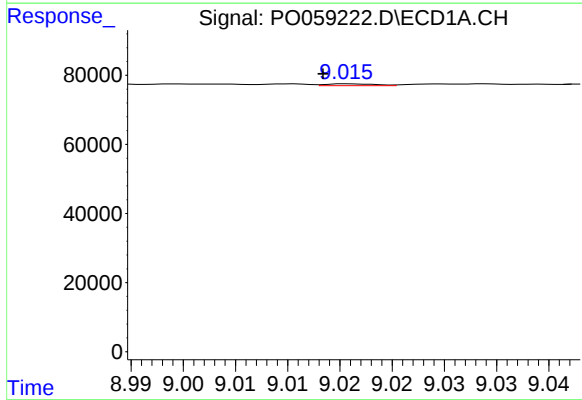
R.T.: 8.391 min
Delta R.T.: -0.024 min
Response: 37626
Conc: 9.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
HR-05-080919-A



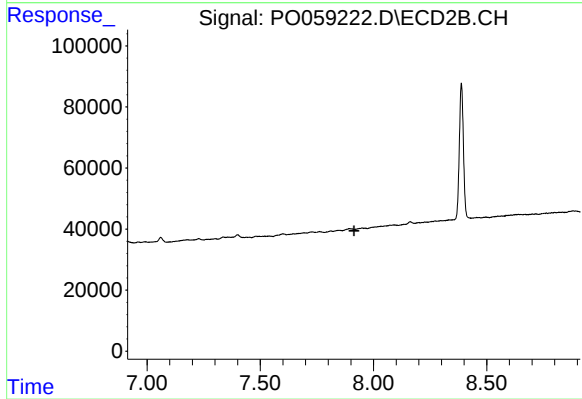
#39 AR-1262-4

R.T.: 7.401 min
Delta R.T.: -0.021 min
Response: 31058
Conc: 7.31 ng/ml



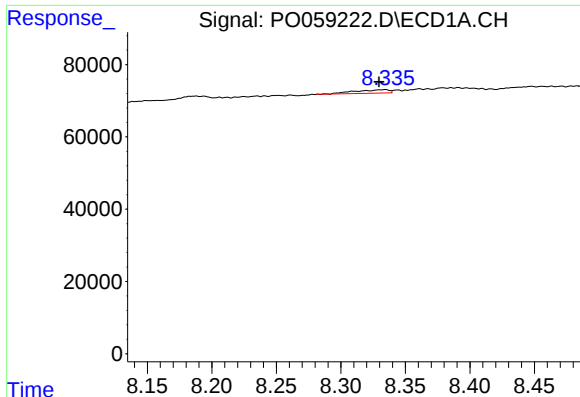
#40 AR-1262-5

R.T.: 9.016 min
Delta R.T.: 0.003 min
Response: 1740
Conc: 0.76 ng/ml



#40 AR-1262-5

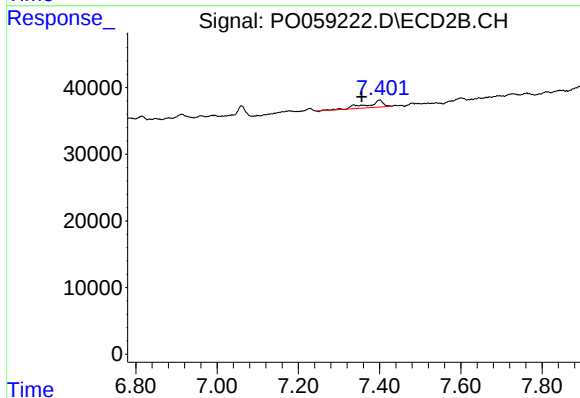
R.T.: 0.000 min
Exp R.T.: 7.914 min
Response: 0
Conc: N.D.



#41 AR-1268-1

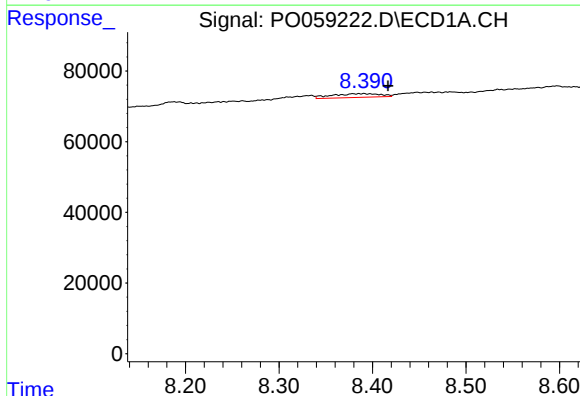
R.T.: 8.334 min
Delta R.T.: 0.005 min
Response: 17474
Conc: 1.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
HR-05-080919-A



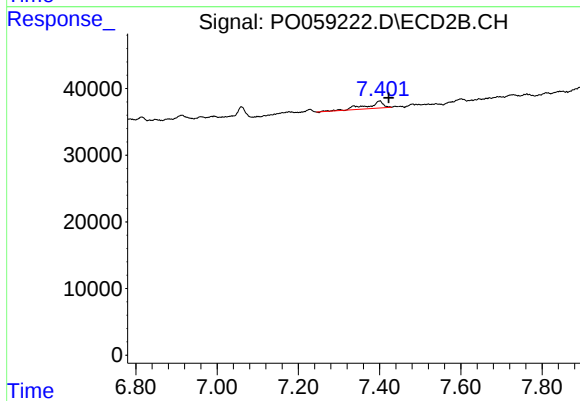
#41 AR-1268-1

R.T.: 7.401 min
Delta R.T.: 0.044 min
Response: 31058
Conc: 3.81 ng/ml



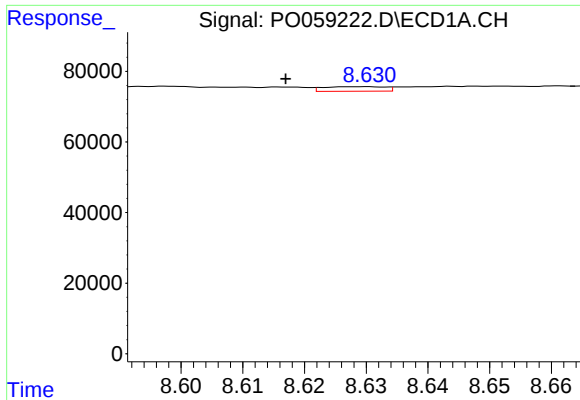
#42 AR-1268-2

R.T.: 8.391 min
Delta R.T.: -0.026 min
Response: 37626
Conc: 4.01 ng/ml



#42 AR-1268-2

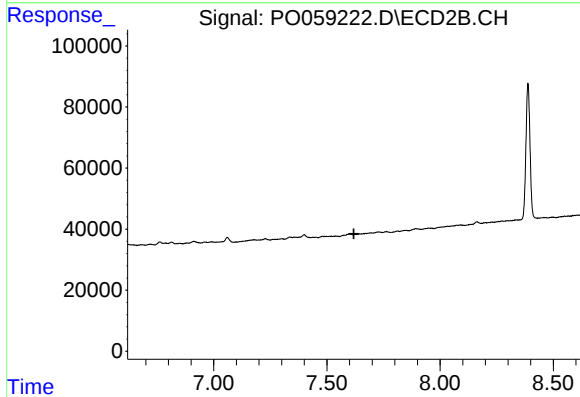
R.T.: 7.401 min
Delta R.T.: -0.021 min
Response: 31058
Conc: 4.10 ng/ml



#43 AR-1268-3

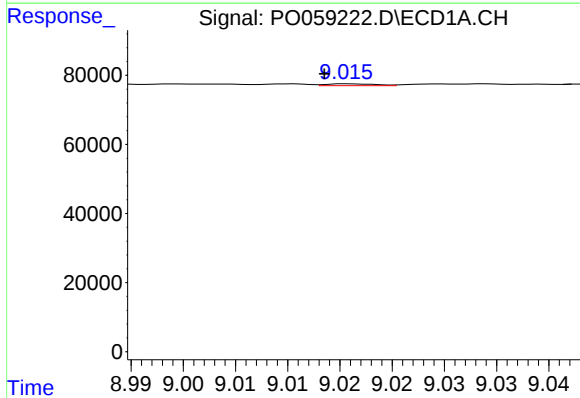
R.T.: 8.629 min
Delta R.T.: 0.012 min
Response: 8932
Conc: 1.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
HR-05-080919-A



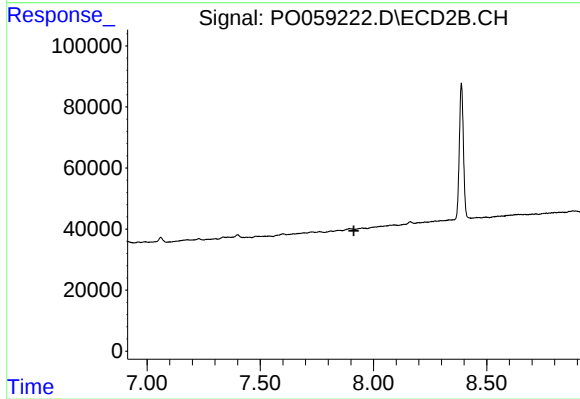
#43 AR-1268-3

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



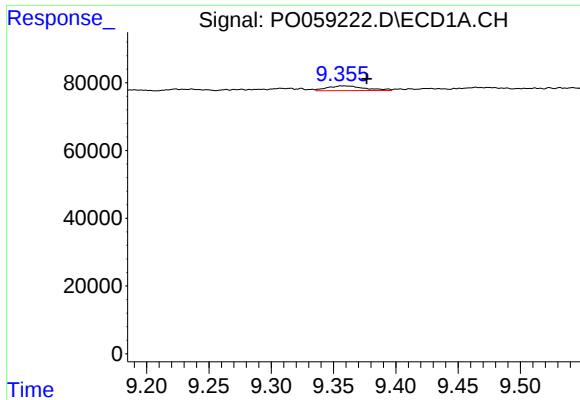
#44 AR-1268-4

R.T.: 9.016 min
Delta R.T.: 0.002 min
Response: 1740
Conc: 0.58 ng/ml



#44 AR-1268-4

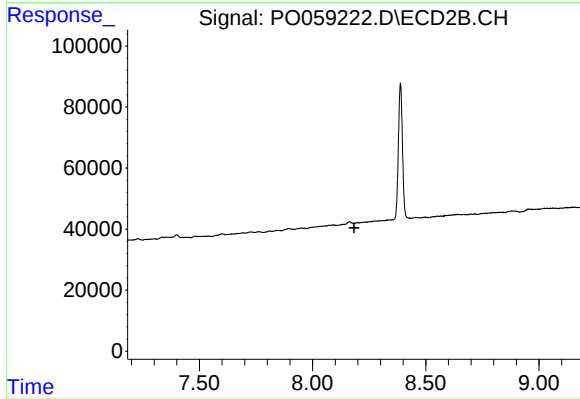
R.T.: 0.000 min
Exp R.T. : 7.913 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.359 min
Delta R.T.: -0.018 min
Response: 29656
Conc: 1.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
HR-05-080919-A



#45 AR-1268-5

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