

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0083119\
 Data File : P0060178.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 31 Aug 2019 16:02
 Operator : SM/AJ
 Sample : K4625-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 HF-01

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 23:10:42 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...	4.122	3.497	1095549	859253	31.290	23.871
2)	SA Decachlor...	9.573	8.349	796308	607260	14.968	15.061
Target Compounds							
3)	L1 AR-1016-1	5.268	4.563	12912	38315	8.051	28.341 #
4)	L1 AR-1016-2	5.289	4.563	35988	38315	15.042	19.129 #
5)	L1 AR-1016-3	5.350	4.774	15896	18375	10.672	16.985 #
6)	L1 AR-1016-4	5.444	4.774	7057	18375	5.834	20.349 #
7)	L1 AR-1016-5	5.733	4.983	11789	20347	9.180	17.664 #
8)	L2 AR-1221-1	4.369	0.000	1944	0	4.590	N.D. #
9)	L2 AR-1221-2	4.421	0.000	18643	0	57.400	N.D. #
10)	L2 AR-1221-3	4.501	3.904	25243	71648	23.998	73.226 #
11)	L3 AR-1232-1	4.501	3.904	25243	71648	20.252	62.842 #
12)	L3 AR-1232-2	5.007	4.563	14479	38315	20.497	30.085 #
13)	L3 AR-1232-3	5.289	4.774	35988	18375	23.501	26.986
14)	L3 AR-1232-4	5.534	0.000	36594	0	46.803	N.D. #
15)	L3 AR-1232-5	5.575	4.983	13167	20347	21.903	29.890 #
16)	L4 AR-1242-1	5.289	4.563	35988	38315	28.348	37.247 #
17)	L4 AR-1242-2	5.289	4.563	35988	38315	19.394	25.156 #
18)	L4 AR-1242-3	5.350	4.774	15896	18375	13.600	21.993 #
19)	L4 AR-1242-4	5.534	0.000	36594	0	37.809	N.D. #
20)	L4 AR-1242-5	6.256	5.325	89865	75063	71.515	67.104
21)	L5 AR-1248-1	5.268	4.563	12912	38315	12.879	46.273 #
22)	L5 AR-1248-2	5.534	4.774	36594	18375	25.222	15.935 #
23)	L5 AR-1248-3	5.686	4.774	24901	18375	14.982	15.471
24)	L5 AR-1248-4	6.131	4.983	69688	20347	34.092	14.003 #
25)	L5 AR-1248-5	6.170	5.325	83766	75063	42.240	52.444
26)	L6 AR-1254-1	6.104	5.325	155833	75063	74.689	31.648 #
27)	L6 AR-1254-2	6.323	5.470	135847	33858	40.719	16.136 #
28)	L6 AR-1254-3	6.682	5.865	105762	54031	29.805	16.069 #
29)	L6 AR-1254-4	6.965	6.090	68001	48100	23.086	23.329
30)	L6 AR-1254-5	7.379	6.498	71549	34075	23.137	10.974 #
31)	L7 AR-1260-1	6.838	5.990	45581	47364	16.908	20.784
32)	L7 AR-1260-2	7.096	6.177	90066	34076	24.274	11.631 #
33)	L7 AR-1260-3	7.447	6.324	33145	23383	10.117	8.827
34)	L7 AR-1260-4	7.672	6.786	58832	25863	19.155	11.431 #
35)	L7 AR-1260-5	7.981	7.030	168785	48907	23.837	8.887 #
36)	L8 AR-1262-1	7.506	6.530	28333	19587	5.838	5.255
37)	L8 AR-1262-2	8.046	7.030	82427	48907	10.683	8.319
38)	L8 AR-1262-3	8.281	7.303	97797	11462	19.167	4.511 #
39)	L8 AR-1262-4	8.341	7.368	137260	37302	35.608	8.441 #
40)	L8 AR-1262-5	8.931	7.862	115348	22108	44.943	12.244 #
41)	L9 AR-1268-1	8.281	7.303	97797	11462	10.392	1.610 #

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 Operator : SM/AJ
 Sample : K4625-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

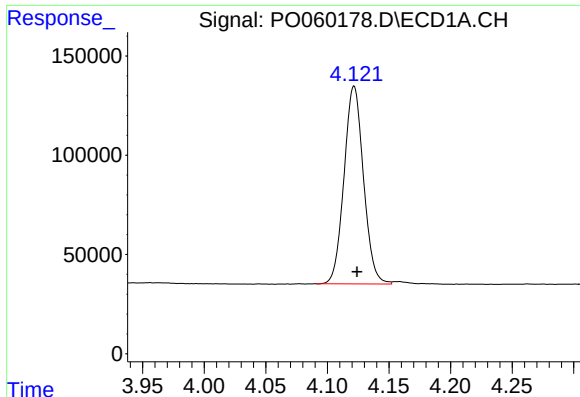
Instrument :
 ECD_O
 ClientSampleId :
 HF-01

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	8.341	7.368	137260	37302	17.413	5.785 #
43) L9	AR-1268-3	8.591	0.000	28722	0	4.075	N.D. #
44) L9	AR-1268-4	8.931	7.862	115348	22108	41.491	10.830 #
45) L9	AR-1268-5	9.329	8.124	14263	38682	0.773	2.662 #

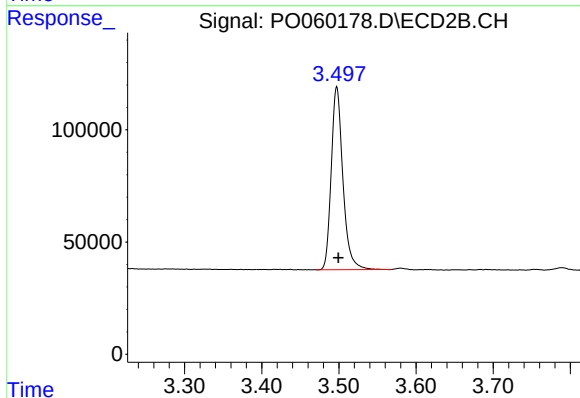
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

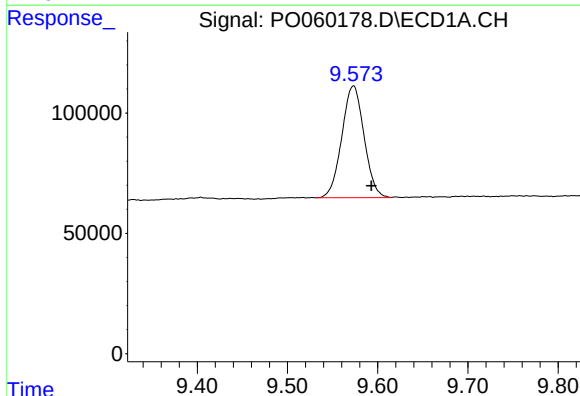
R.T.: 4.122 min
Delta R.T.: -0.002 min
Response: 1095549
Conc: 31.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
HF-01



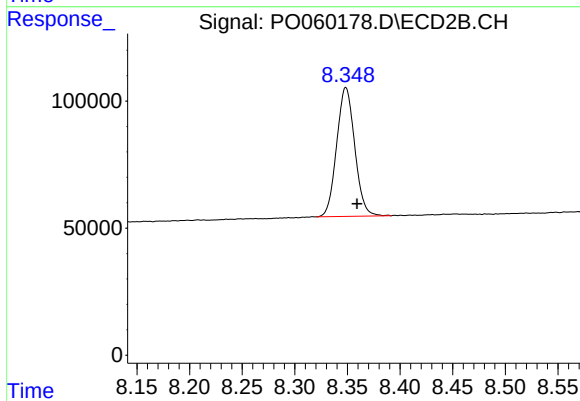
#1 Tetrachloro-m-xylene

R.T.: 3.497 min
Delta R.T.: -0.002 min
Response: 859253
Conc: 23.87 ng/ml



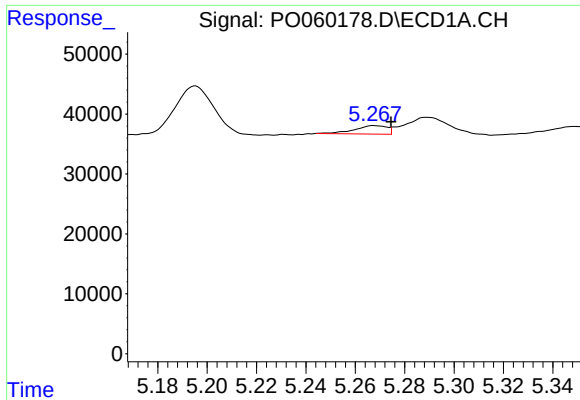
#2 Decachlorobiphenyl

R.T.: 9.573 min
Delta R.T.: -0.020 min
Response: 796308
Conc: 14.97 ng/ml



#2 Decachlorobiphenyl

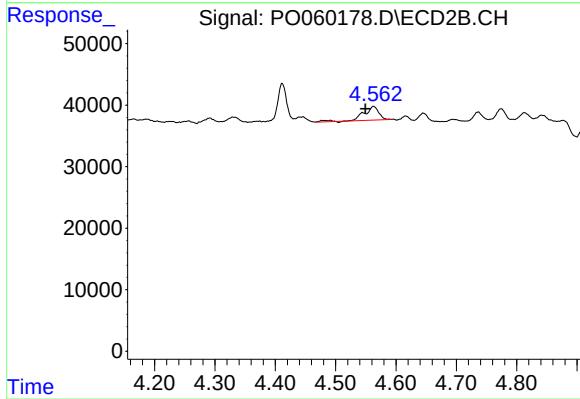
R.T.: 8.349 min
Delta R.T.: -0.011 min
Response: 607260
Conc: 15.06 ng/ml



#3 AR-1016-1

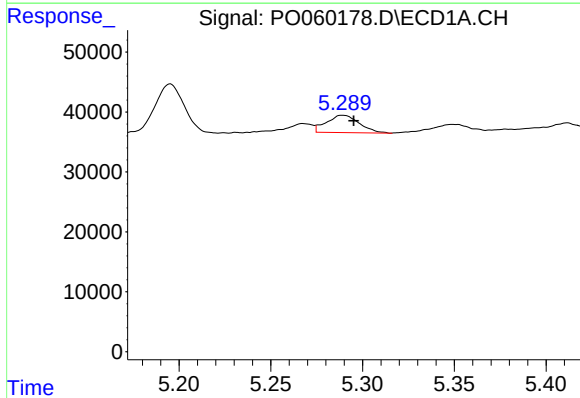
R.T.: 5.268 min
Delta R.T.: -0.007 min
Response: 12912
Conc: 8.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
HF-01



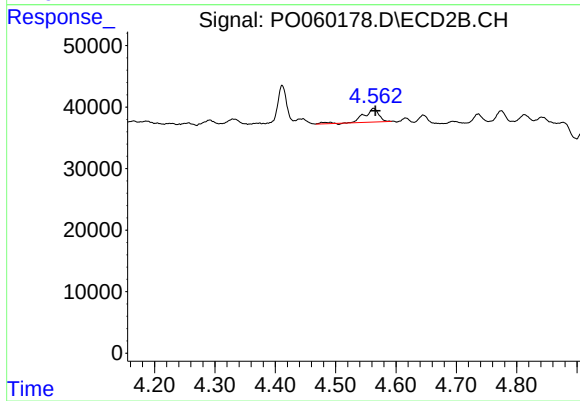
#3 AR-1016-1

R.T.: 4.563 min
Delta R.T.: 0.013 min
Response: 38315
Conc: 28.34 ng/ml



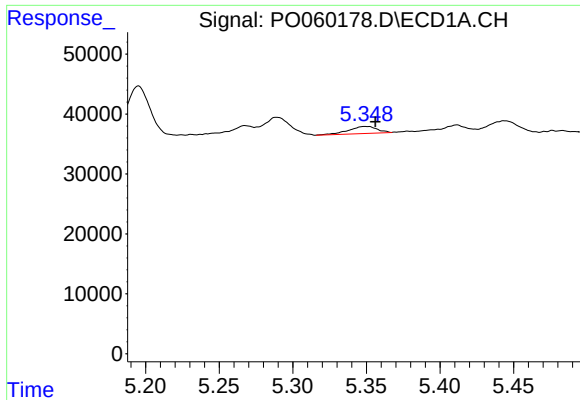
#4 AR-1016-2

R.T.: 5.289 min
Delta R.T.: -0.006 min
Response: 35988
Conc: 15.04 ng/ml



#4 AR-1016-2

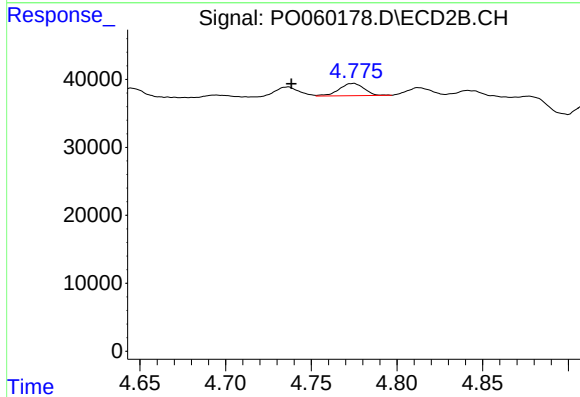
R.T.: 4.563 min
Delta R.T.: -0.003 min
Response: 38315
Conc: 19.13 ng/ml



#5 AR-1016-3

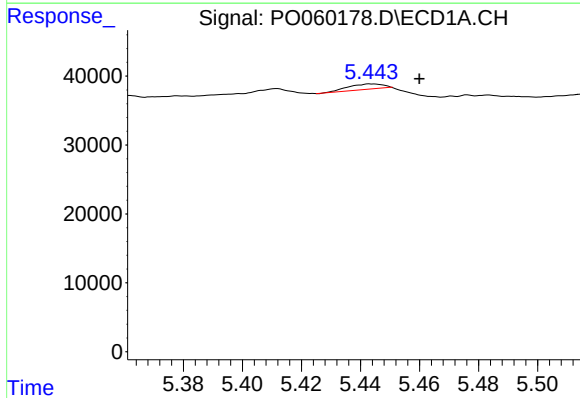
R.T.: 5.350 min
Delta R.T.: -0.006 min
Response: 15896
Conc: 10.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
HF-01



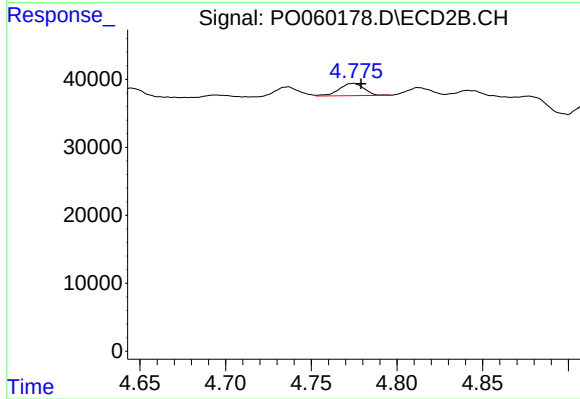
#5 AR-1016-3

R.T.: 4.774 min
Delta R.T.: 0.036 min
Response: 18375
Conc: 16.99 ng/ml



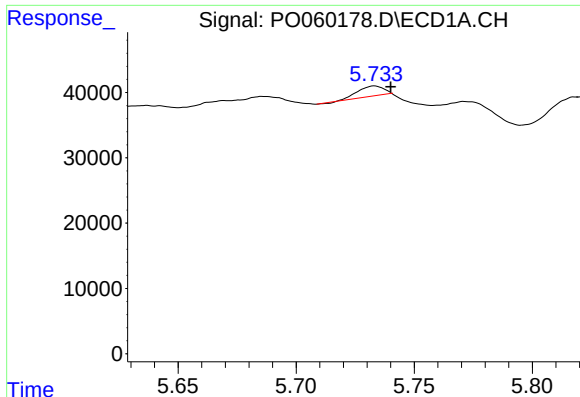
#6 AR-1016-4

R.T.: 5.444 min
Delta R.T.: -0.016 min
Response: 7057
Conc: 5.83 ng/ml



#6 AR-1016-4

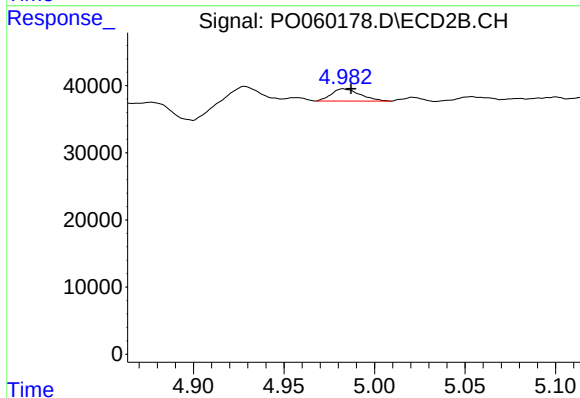
R.T.: 4.774 min
Delta R.T.: -0.005 min
Response: 18375
Conc: 20.35 ng/ml



#7 AR-1016-5

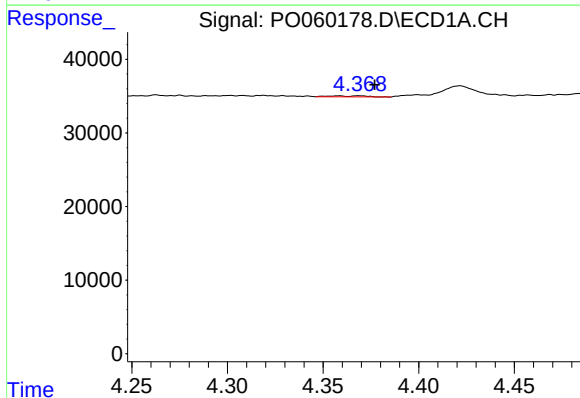
R.T.: 5.733 min
Delta R.T.: -0.007 min
Response: 11789
Conc: 9.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
HF-01



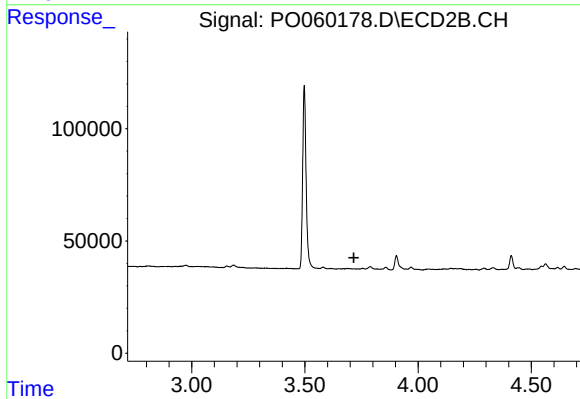
#7 AR-1016-5

R.T.: 4.983 min
Delta R.T.: -0.004 min
Response: 20347
Conc: 17.66 ng/ml



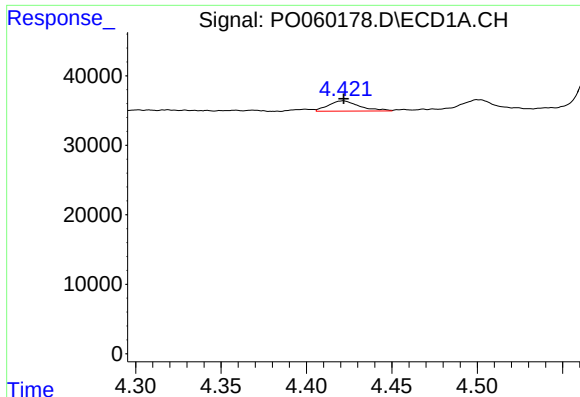
#8 AR-1221-1

R.T.: 4.369 min
Delta R.T.: -0.008 min
Response: 1944
Conc: 4.59 ng/ml



#8 AR-1221-1

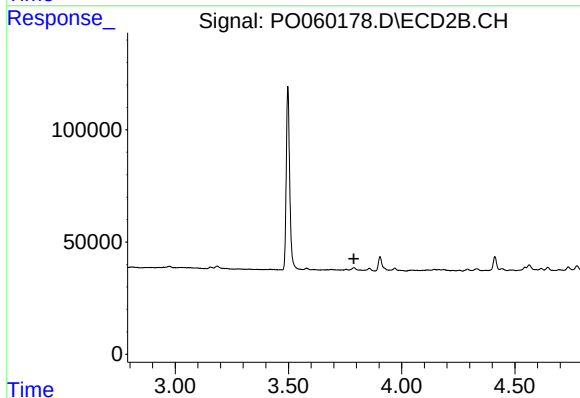
R.T.: 0.000 min
Exp R.T.: 3.717 min
Response: 0
Conc: N.D.



#9 AR-1221-2

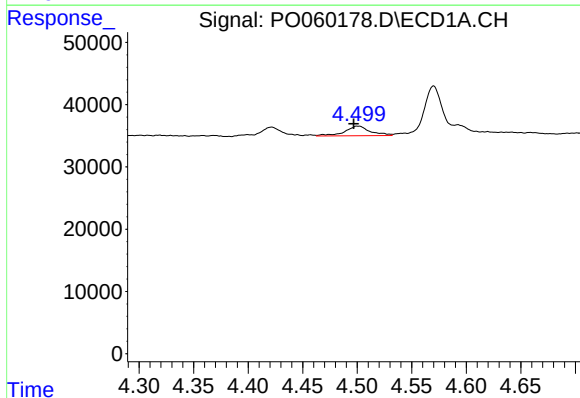
R.T.: 4.421 min
Delta R.T.: 0.000 min
Response: 18643
Conc: 57.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
HF-01



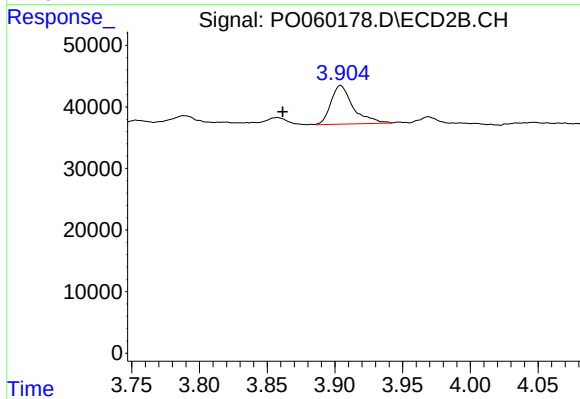
#9 AR-1221-2

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



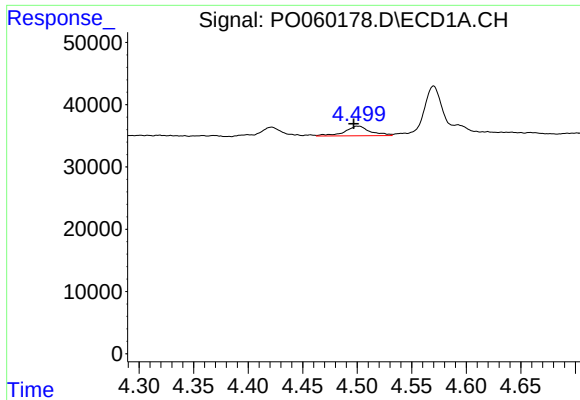
#10 AR-1221-3

R.T.: 4.501 min
Delta R.T.: 0.004 min
Response: 25243
Conc: 24.00 ng/ml



#10 AR-1221-3

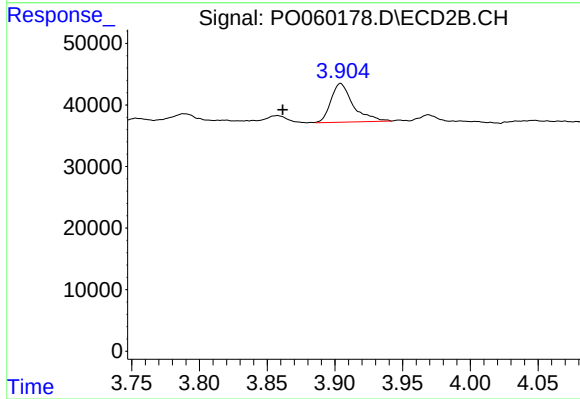
R.T.: 3.904 min
Delta R.T.: 0.043 min
Response: 71648
Conc: 73.23 ng/ml



#11 AR-1232-1

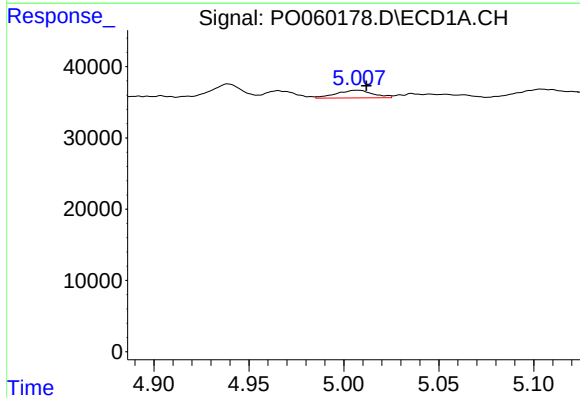
R.T.: 4.501 min
Delta R.T.: 0.004 min
Response: 25243
Conc: 20.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
HF-01



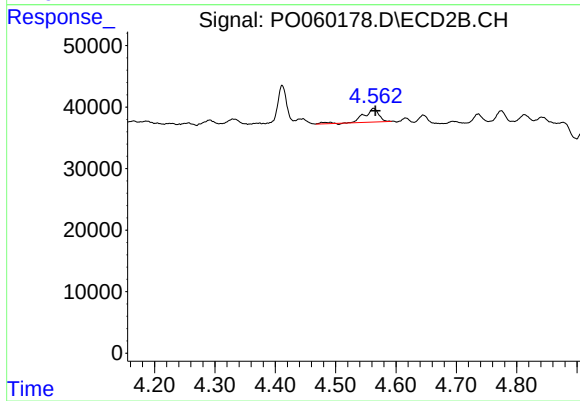
#11 AR-1232-1

R.T.: 3.904 min
Delta R.T.: 0.043 min
Response: 71648
Conc: 62.84 ng/ml



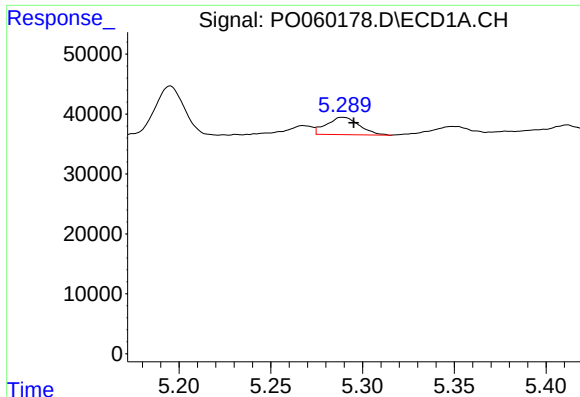
#12 AR-1232-2

R.T.: 5.007 min
Delta R.T.: -0.005 min
Response: 14479
Conc: 20.50 ng/ml



#12 AR-1232-2

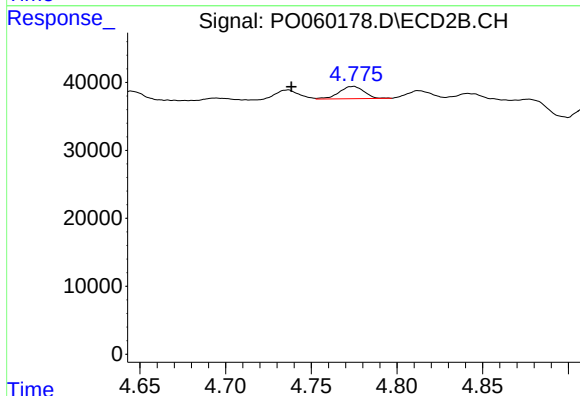
R.T.: 4.563 min
Delta R.T.: -0.003 min
Response: 38315
Conc: 30.08 ng/ml



#13 AR-1232-3

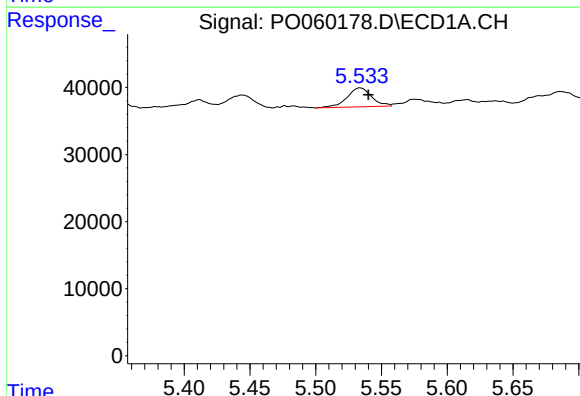
R.T.: 5.289 min
Delta R.T.: -0.006 min
Response: 35988
Conc: 23.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
HF-01



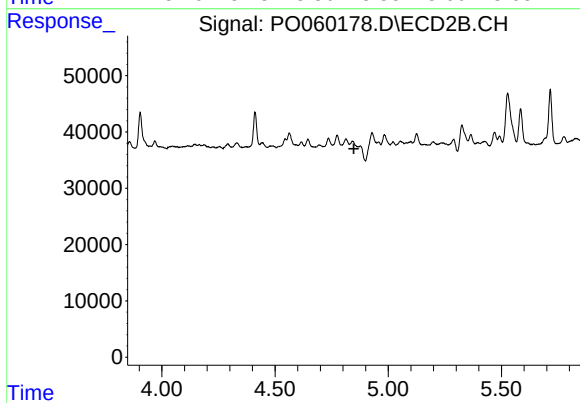
#13 AR-1232-3

R.T.: 4.774 min
Delta R.T.: 0.036 min
Response: 18375
Conc: 26.99 ng/ml



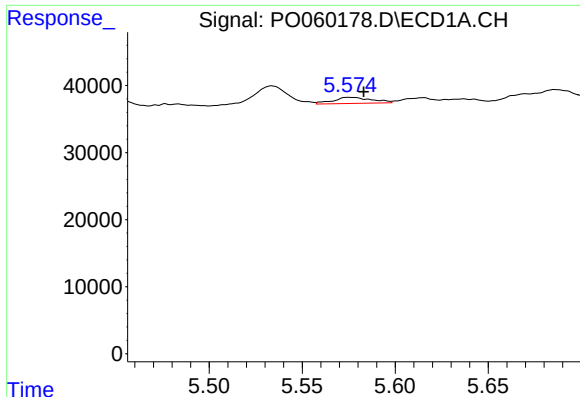
#14 AR-1232-4

R.T.: 5.534 min
Delta R.T.: -0.006 min
Response: 36594
Conc: 46.80 ng/ml



#14 AR-1232-4

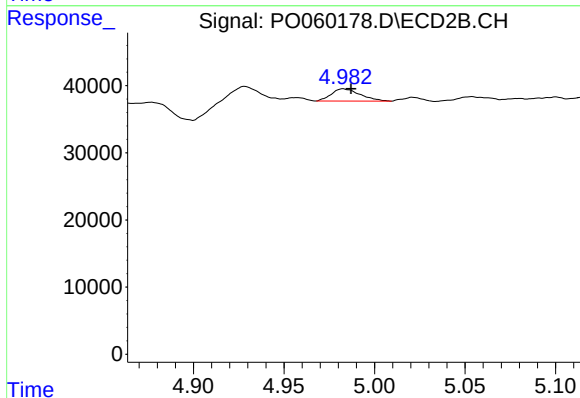
R.T.: 0.000 min
Exp R.T.: 4.848 min
Response: 0
Conc: N.D.



#15 AR-1232-5

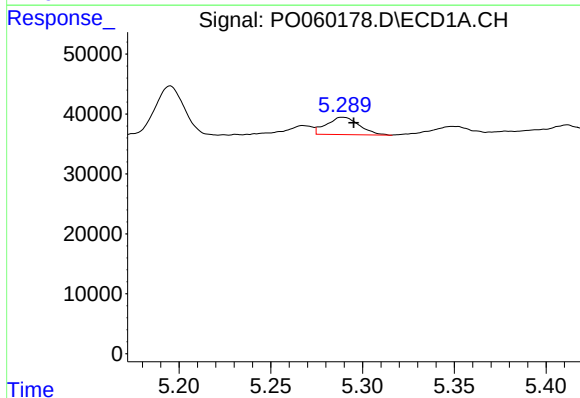
R.T.: 5.575 min
Delta R.T.: -0.008 min
Response: 13167
Conc: 21.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
HF-01



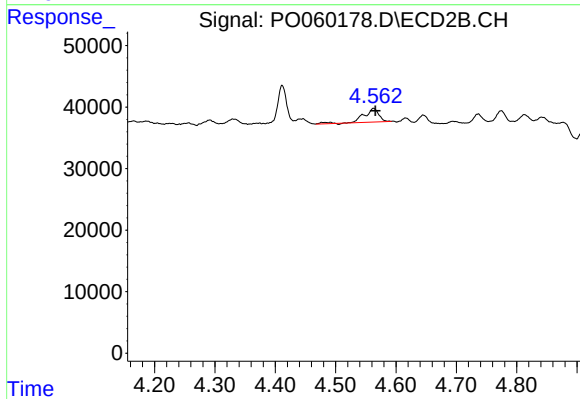
#15 AR-1232-5

R.T.: 4.983 min
Delta R.T.: -0.004 min
Response: 20347
Conc: 29.89 ng/ml



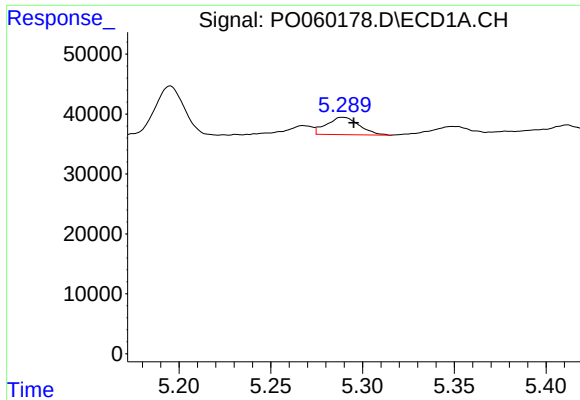
#16 AR-1242-1

R.T.: 5.289 min
Delta R.T.: -0.006 min
Response: 35988
Conc: 28.35 ng/ml



#16 AR-1242-1

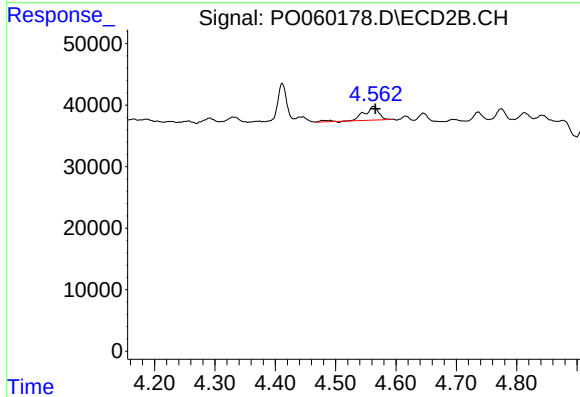
R.T.: 4.563 min
Delta R.T.: -0.003 min
Response: 38315
Conc: 37.25 ng/ml



#17 AR-1242-2

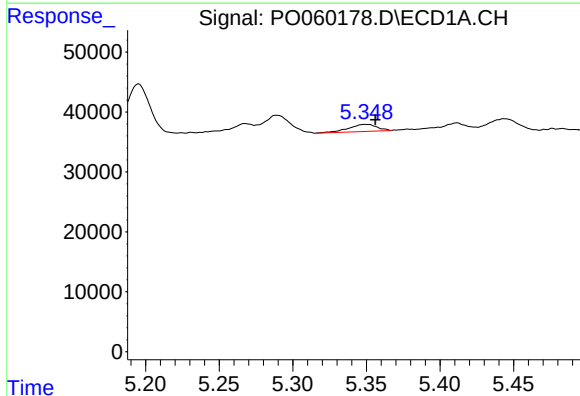
R.T.: 5.289 min
Delta R.T.: -0.006 min
Response: 35988
Conc: 19.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
HF-01



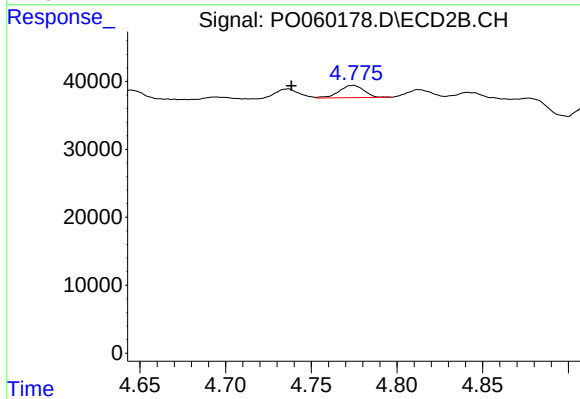
#17 AR-1242-2

R.T.: 4.563 min
Delta R.T.: -0.003 min
Response: 38315
Conc: 25.16 ng/ml



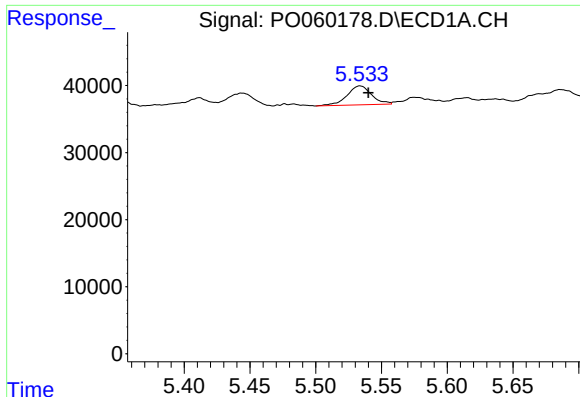
#18 AR-1242-3

R.T.: 5.350 min
Delta R.T.: -0.006 min
Response: 15896
Conc: 13.60 ng/ml



#18 AR-1242-3

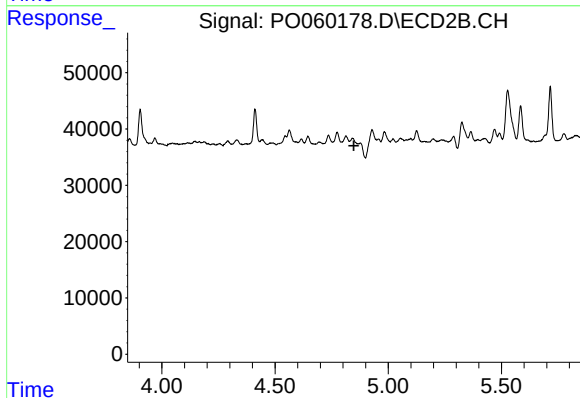
R.T.: 4.774 min
Delta R.T.: 0.036 min
Response: 18375
Conc: 21.99 ng/ml



#19 AR-1242-4

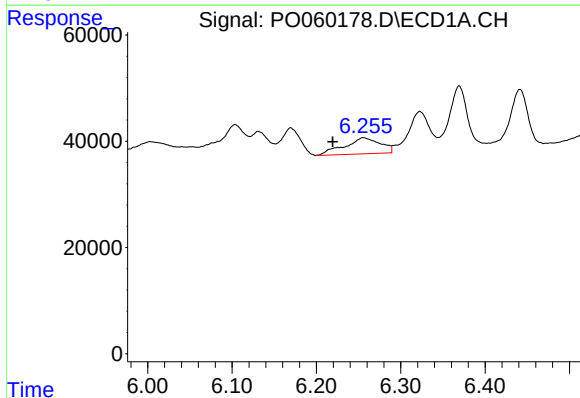
R.T.: 5.534 min
Delta R.T.: -0.006 min
Response: 36594
Conc: 37.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
HF-01



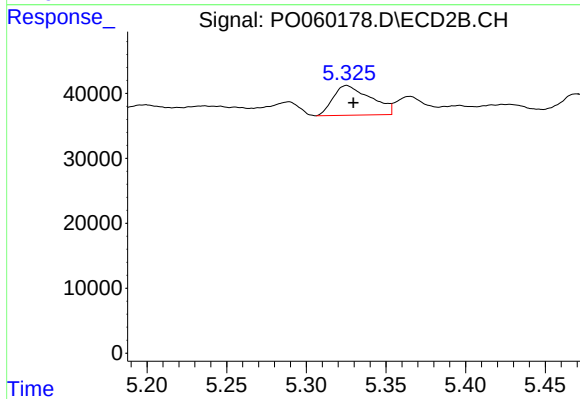
#19 AR-1242-4

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



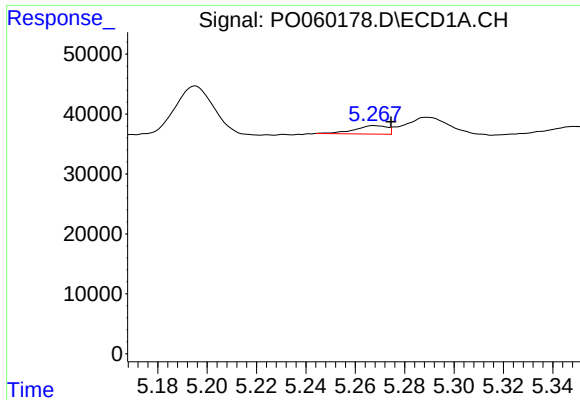
#20 AR-1242-5

R.T.: 6.256 min
Delta R.T.: 0.037 min
Response: 89865
Conc: 71.51 ng/ml



#20 AR-1242-5

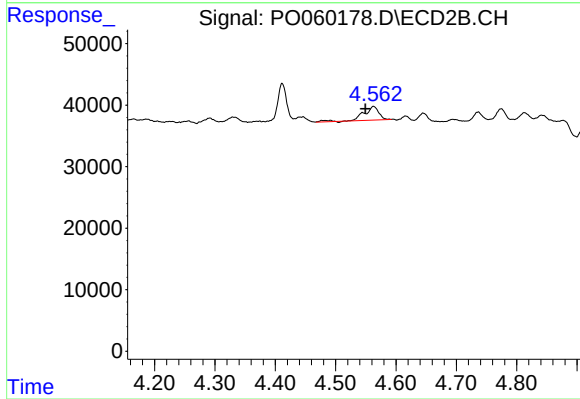
R.T.: 5.325 min
Delta R.T.: -0.004 min
Response: 75063
Conc: 67.10 ng/ml



#21 AR-1248-1

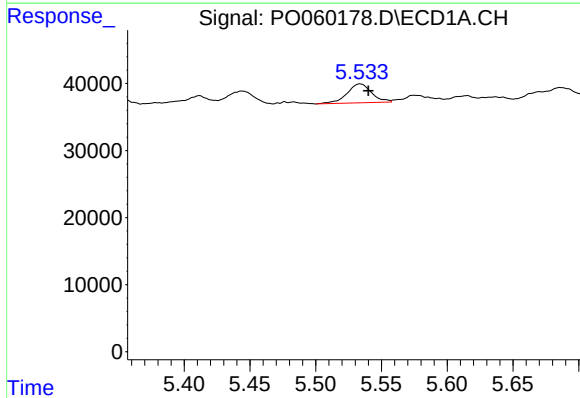
R.T.: 5.268 min
Delta R.T.: -0.007 min
Response: 12912
Conc: 12.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
HF-01



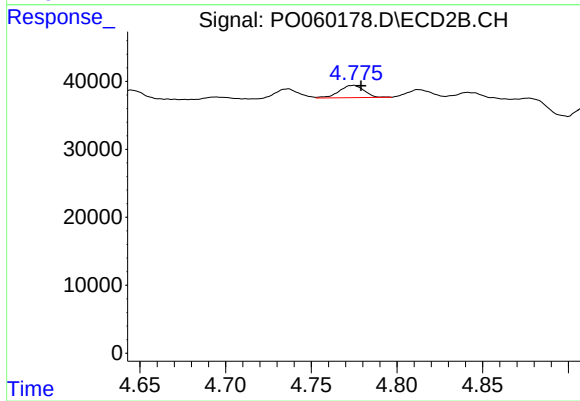
#21 AR-1248-1

R.T.: 4.563 min
Delta R.T.: 0.013 min
Response: 38315
Conc: 46.27 ng/ml



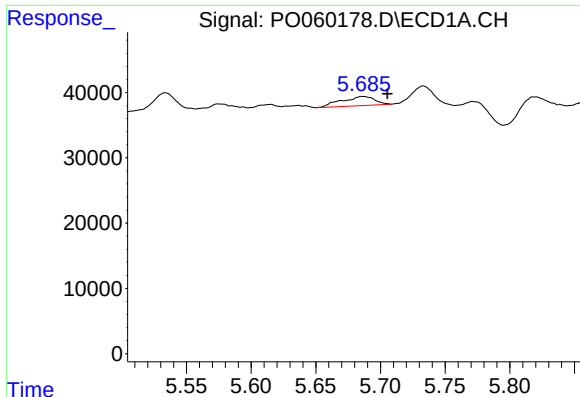
#22 AR-1248-2

R.T.: 5.534 min
Delta R.T.: -0.006 min
Response: 36594
Conc: 25.22 ng/ml



#22 AR-1248-2

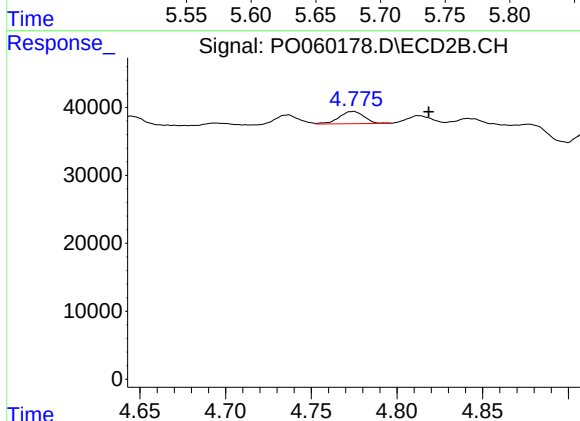
R.T.: 4.774 min
Delta R.T.: -0.005 min
Response: 18375
Conc: 15.94 ng/ml



#23 AR-1248-3

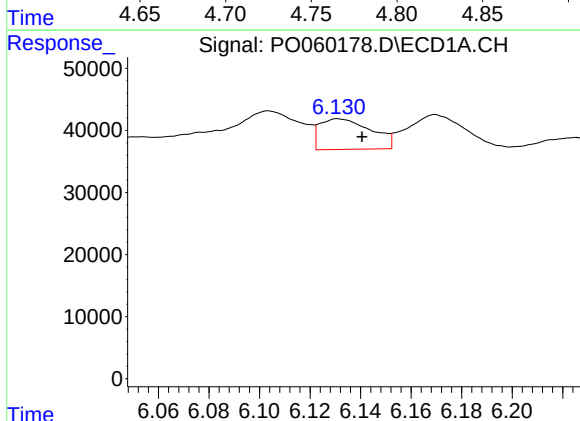
R.T.: 5.686 min
Delta R.T.: -0.019 min
Response: 24901
Conc: 14.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
HF-01



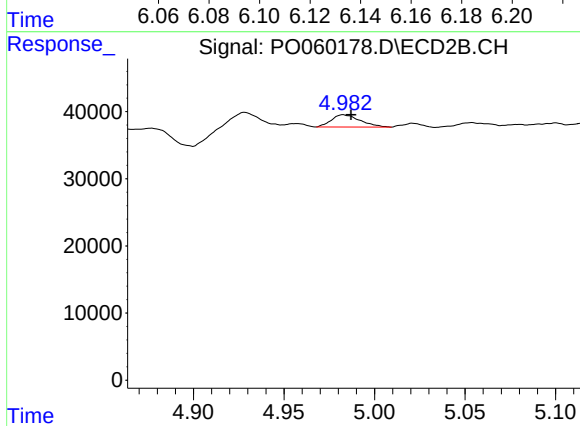
#23 AR-1248-3

R.T.: 4.774 min
Delta R.T.: -0.044 min
Response: 18375
Conc: 15.47 ng/ml



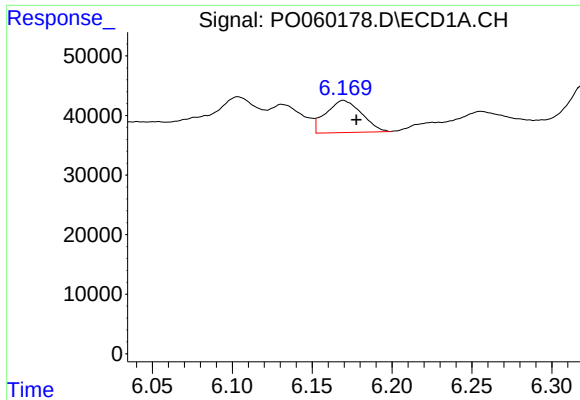
#24 AR-1248-4

R.T.: 6.131 min
Delta R.T.: -0.009 min
Response: 69688
Conc: 34.09 ng/ml



#24 AR-1248-4

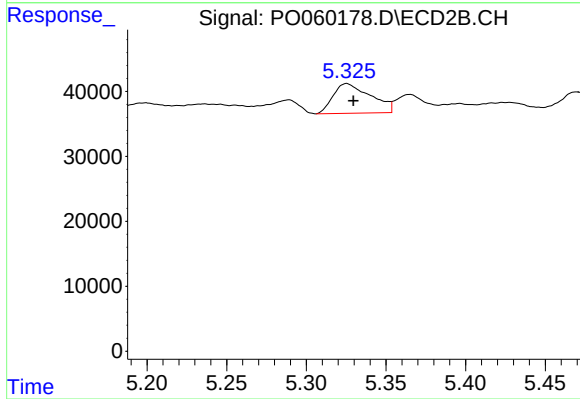
R.T.: 4.983 min
Delta R.T.: -0.004 min
Response: 20347
Conc: 14.00 ng/ml



#25 AR-1248-5

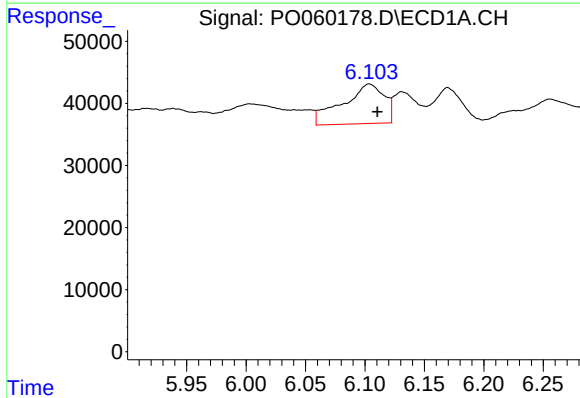
R.T.: 6.170 min
Delta R.T.: -0.008 min
Response: 83766
Conc: 42.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
HF-01



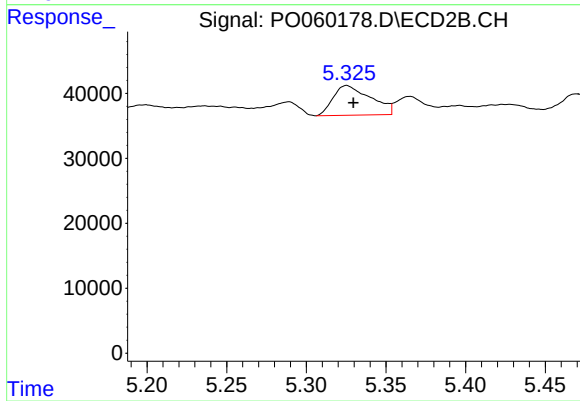
#25 AR-1248-5

R.T.: 5.325 min
Delta R.T.: -0.004 min
Response: 75063
Conc: 52.44 ng/ml



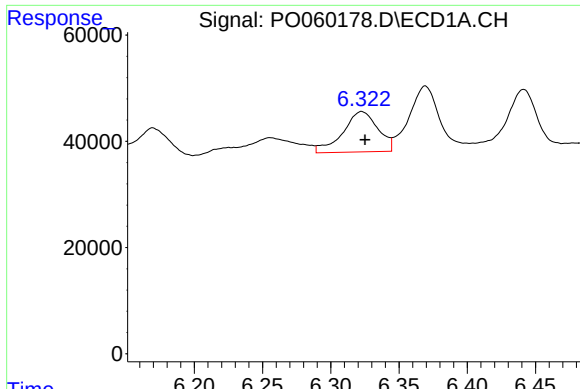
#26 AR-1254-1

R.T.: 6.104 min
Delta R.T.: -0.007 min
Response: 155833
Conc: 74.69 ng/ml



#26 AR-1254-1

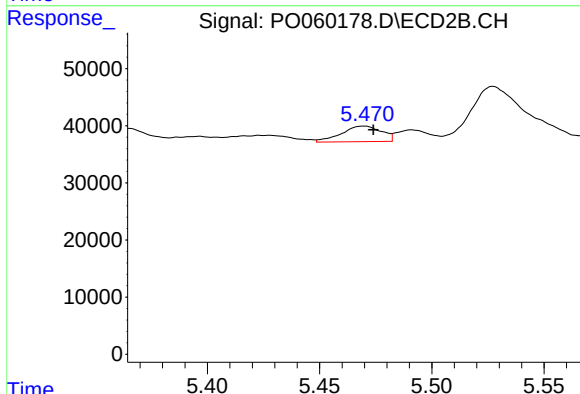
R.T.: 5.325 min
Delta R.T.: -0.004 min
Response: 75063
Conc: 31.65 ng/ml



#27 AR-1254-2

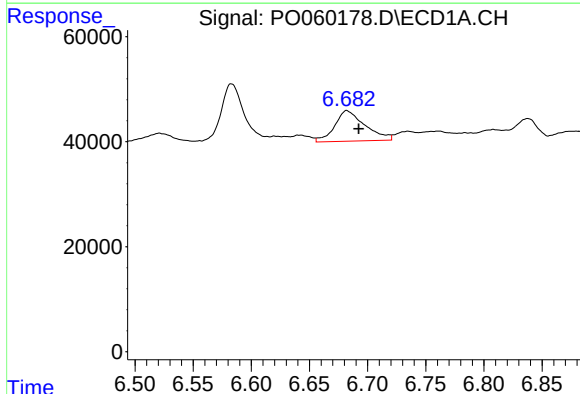
R.T.: 6.323 min
Delta R.T.: -0.002 min
Response: 135847
Conc: 40.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
HF-01



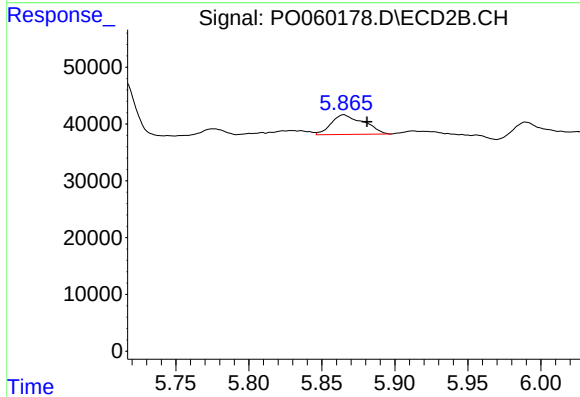
#27 AR-1254-2

R.T.: 5.470 min
Delta R.T.: -0.004 min
Response: 33858
Conc: 16.14 ng/ml



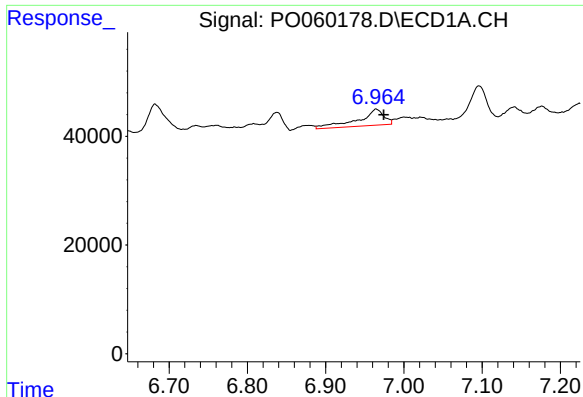
#28 AR-1254-3

R.T.: 6.682 min
Delta R.T.: -0.010 min
Response: 105762
Conc: 29.81 ng/ml



#28 AR-1254-3

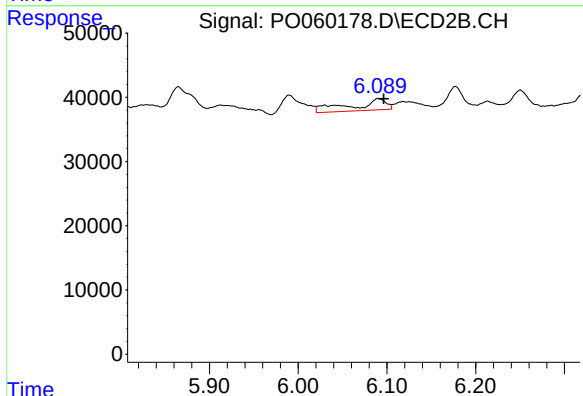
R.T.: 5.865 min
Delta R.T.: -0.016 min
Response: 54031
Conc: 16.07 ng/ml



#29 AR-1254-4

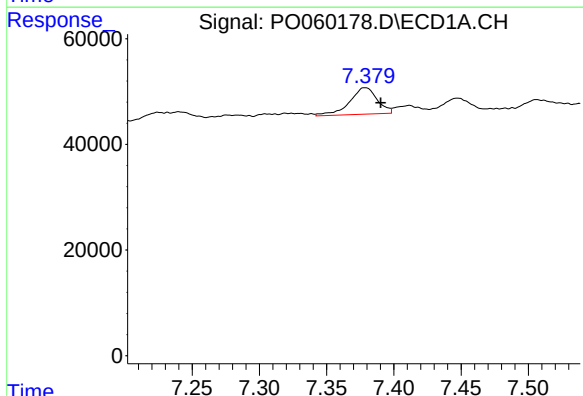
R.T.: 6.965 min
Delta R.T.: -0.009 min
Response: 68001
Conc: 23.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
HF-01



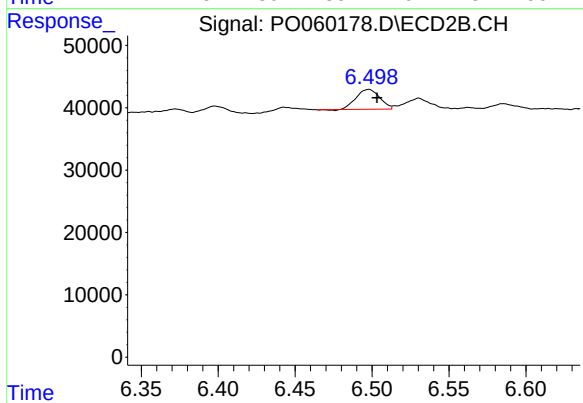
#29 AR-1254-4

R.T.: 6.090 min
Delta R.T.: -0.006 min
Response: 48100
Conc: 23.33 ng/ml



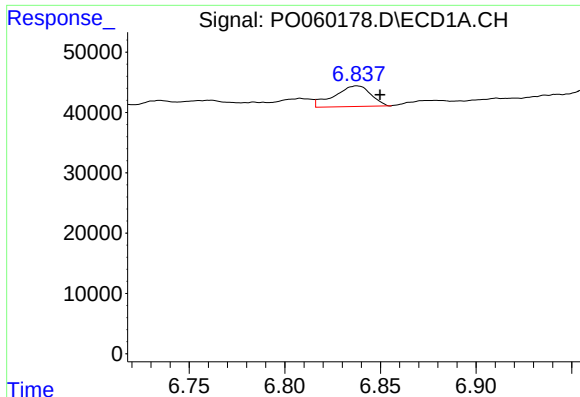
#30 AR-1254-5

R.T.: 7.379 min
Delta R.T.: -0.012 min
Response: 71549
Conc: 23.14 ng/ml



#30 AR-1254-5

R.T.: 6.498 min
Delta R.T.: -0.005 min
Response: 34075
Conc: 10.97 ng/ml



#31 AR-1260-1

R.T.: 6.838 min
Delta R.T.: -0.012 min
Response: 45581
Conc: 16.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
HF-01

#31 AR-1260-1

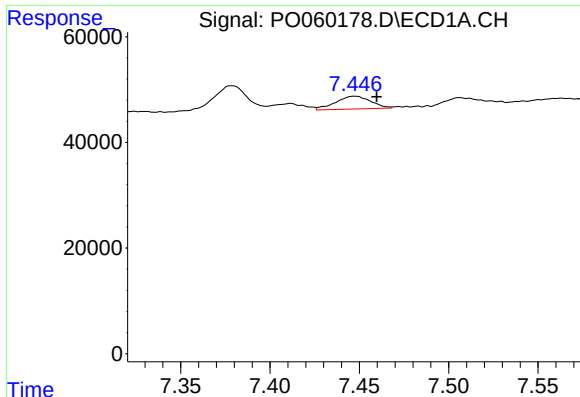
R.T.: 5.990 min
Delta R.T.: -0.005 min
Response: 47364
Conc: 20.78 ng/ml

#32 AR-1260-2

R.T.: 7.096 min
Delta R.T.: -0.009 min
Response: 90066
Conc: 24.27 ng/ml

#32 AR-1260-2

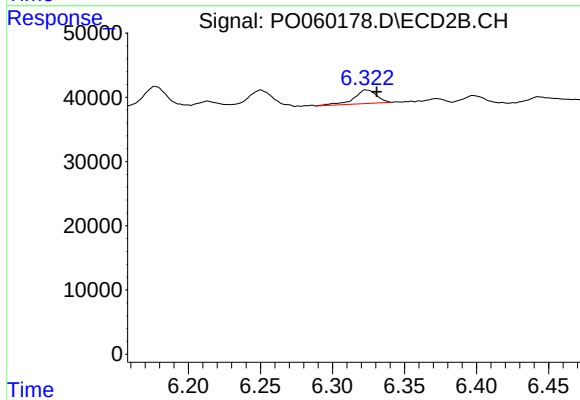
R.T.: 6.177 min
Delta R.T.: -0.006 min
Response: 34076
Conc: 11.63 ng/ml



#33 AR-1260-3

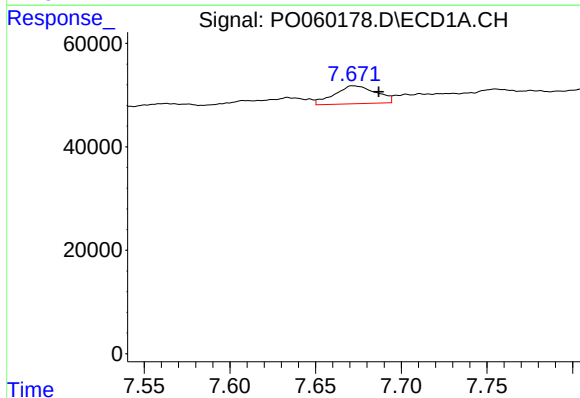
R.T.: 7.447 min
Delta R.T.: -0.012 min
Response: 33145
Conc: 10.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
HF-01



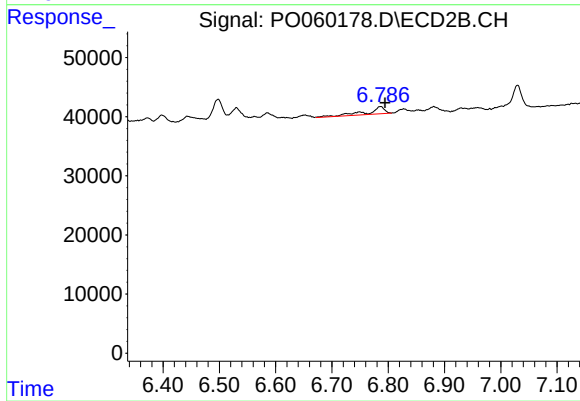
#33 AR-1260-3

R.T.: 6.324 min
Delta R.T.: -0.007 min
Response: 23383
Conc: 8.83 ng/ml



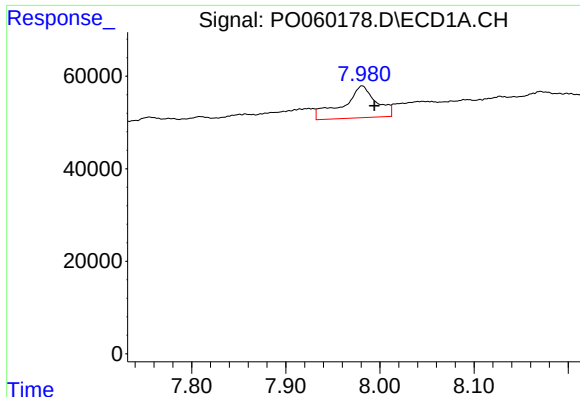
#34 AR-1260-4

R.T.: 7.672 min
Delta R.T.: -0.014 min
Response: 58832
Conc: 19.16 ng/ml



#34 AR-1260-4

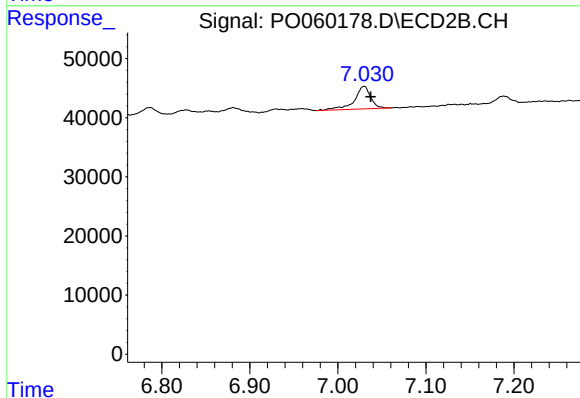
R.T.: 6.786 min
Delta R.T.: -0.008 min
Response: 25863
Conc: 11.43 ng/ml



#35 AR-1260-5

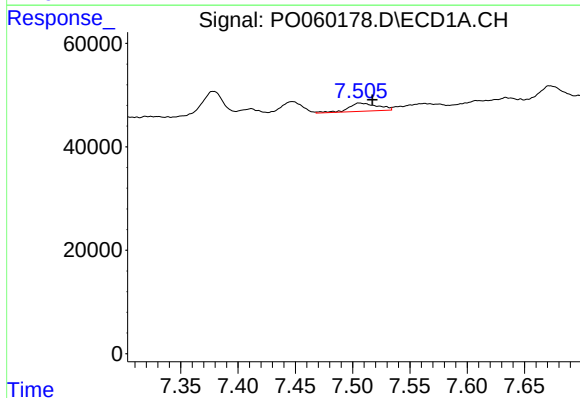
R.T.: 7.981 min
Delta R.T.: -0.013 min
Response: 168785
Conc: 23.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
HF-01



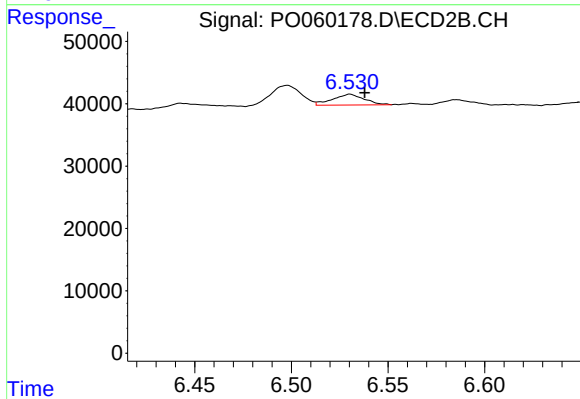
#35 AR-1260-5

R.T.: 7.030 min
Delta R.T.: -0.008 min
Response: 48907
Conc: 8.89 ng/ml



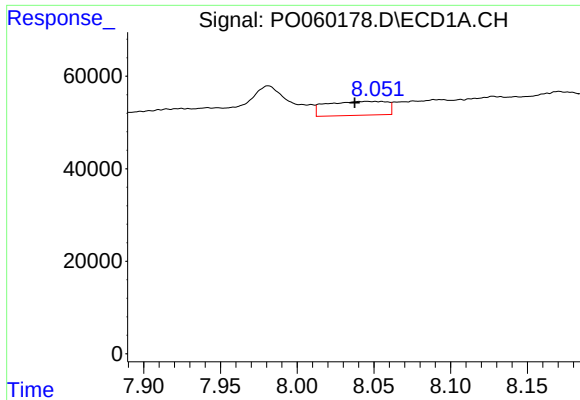
#36 AR-1262-1

R.T.: 7.506 min
Delta R.T.: -0.011 min
Response: 28333
Conc: 5.84 ng/ml



#36 AR-1262-1

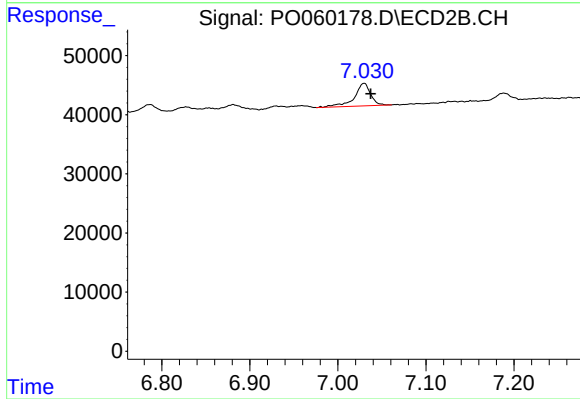
R.T.: 6.530 min
Delta R.T.: -0.008 min
Response: 19587
Conc: 5.25 ng/ml



#37 AR-1262-2

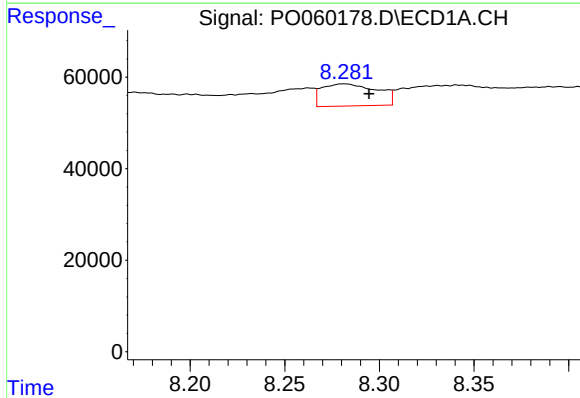
R.T.: 8.046 min
Delta R.T.: 0.008 min
Response: 82427
Conc: 10.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
HF-01



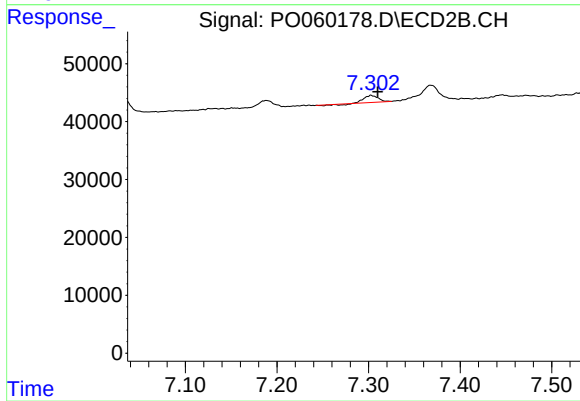
#37 AR-1262-2

R.T.: 7.030 min
Delta R.T.: -0.008 min
Response: 48907
Conc: 8.32 ng/ml



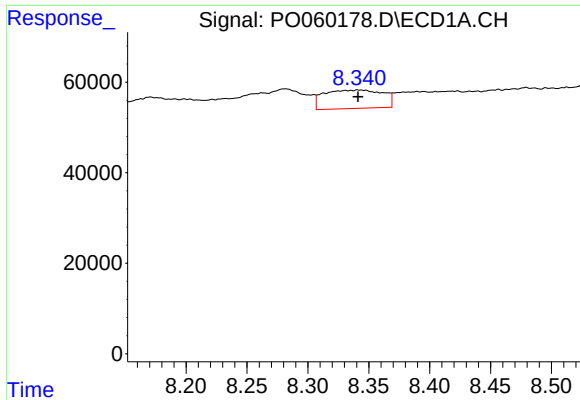
#38 AR-1262-3

R.T.: 8.281 min
Delta R.T.: -0.013 min
Response: 97797
Conc: 19.17 ng/ml



#38 AR-1262-3

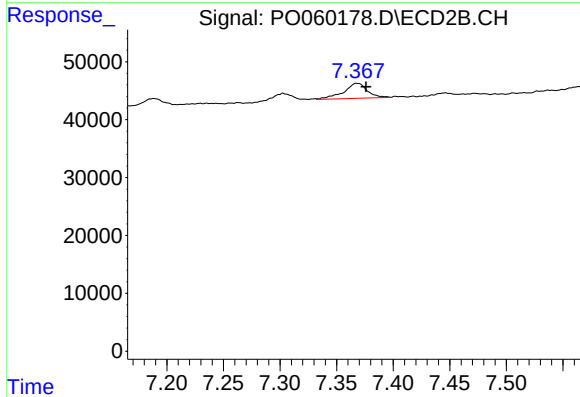
R.T.: 7.303 min
Delta R.T.: -0.007 min
Response: 11462
Conc: 4.51 ng/ml



#39 AR-1262-4

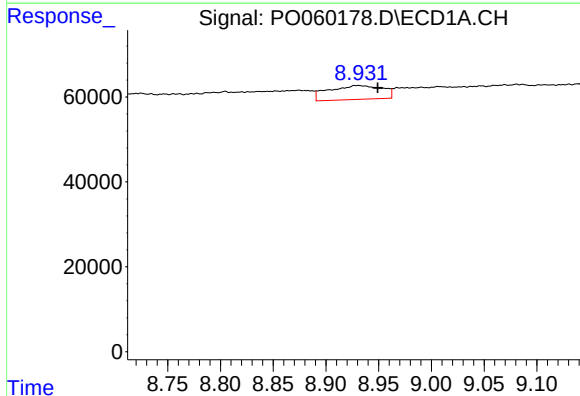
R.T.: 8.341 min
Delta R.T.: 0.000 min
Response: 137260
Conc: 35.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
HF-01



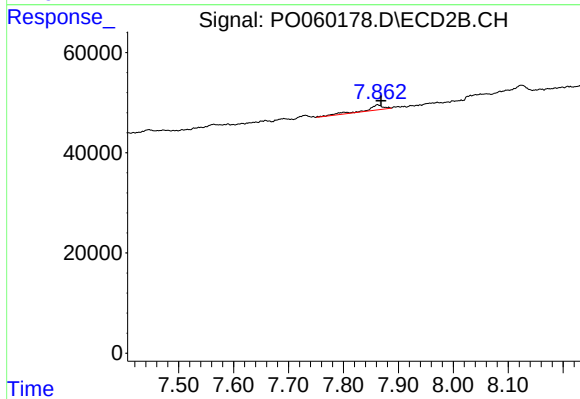
#39 AR-1262-4

R.T.: 7.368 min
Delta R.T.: -0.008 min
Response: 37302
Conc: 8.44 ng/ml



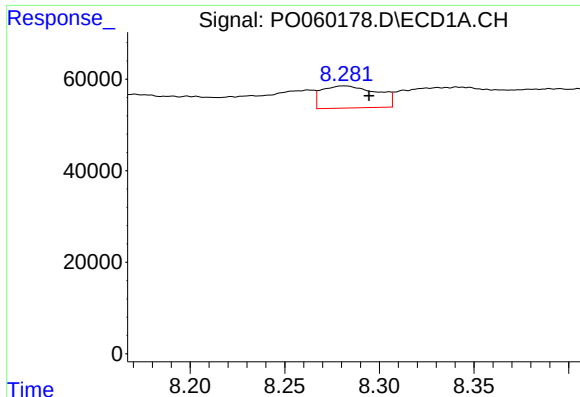
#40 AR-1262-5

R.T.: 8.931 min
Delta R.T.: -0.019 min
Response: 115348
Conc: 44.94 ng/ml



#40 AR-1262-5

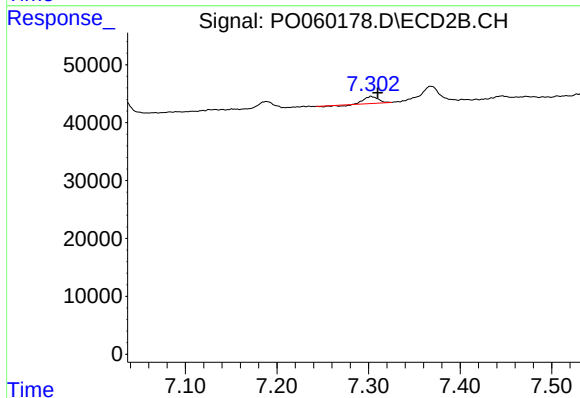
R.T.: 7.862 min
Delta R.T.: -0.006 min
Response: 22108
Conc: 12.24 ng/ml



#41 AR-1268-1

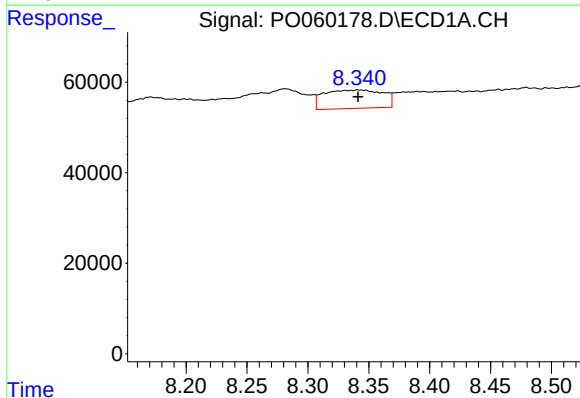
R.T.: 8.281 min
Delta R.T.: -0.013 min
Response: 97797
Conc: 10.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
HF-01



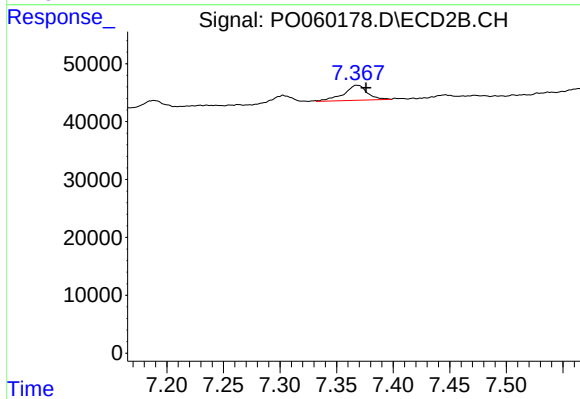
#41 AR-1268-1

R.T.: 7.303 min
Delta R.T.: -0.007 min
Response: 11462
Conc: 1.61 ng/ml



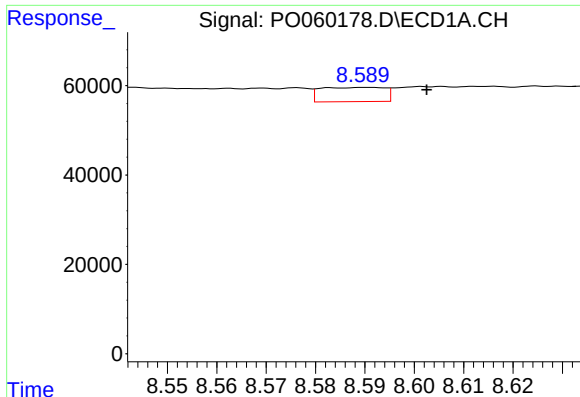
#42 AR-1268-2

R.T.: 8.341 min
Delta R.T.: 0.000 min
Response: 137260
Conc: 17.41 ng/ml



#42 AR-1268-2

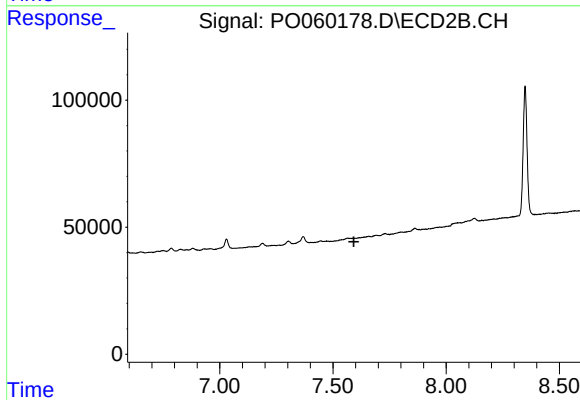
R.T.: 7.368 min
Delta R.T.: -0.008 min
Response: 37302
Conc: 5.79 ng/ml



#43 AR-1268-3

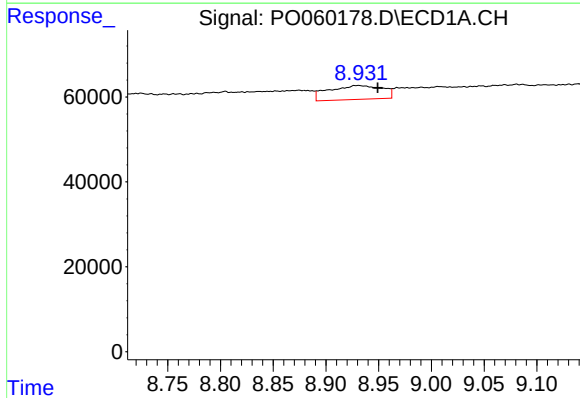
R.T.: 8.591 min
Delta R.T.: -0.012 min
Response: 28722
Conc: 4.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
HF-01



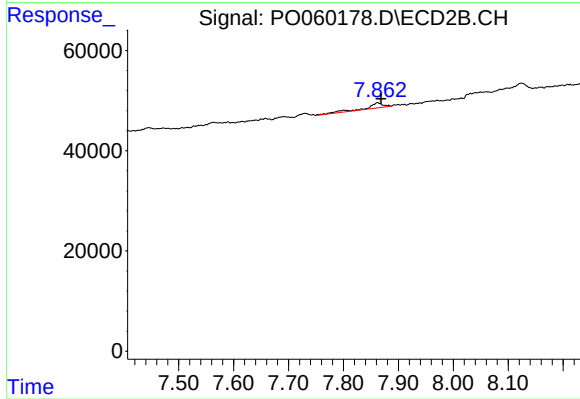
#43 AR-1268-3

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



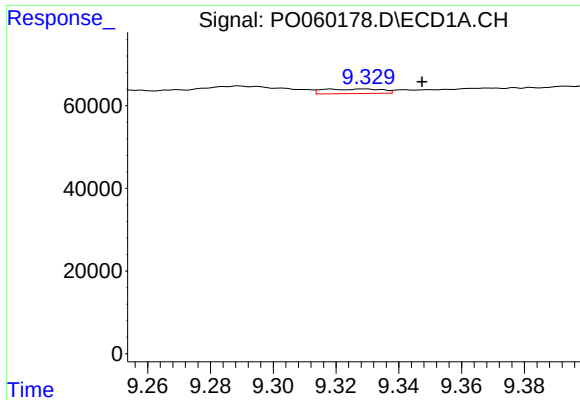
#44 AR-1268-4

R.T.: 8.931 min
Delta R.T.: -0.019 min
Response: 115348
Conc: 41.49 ng/ml



#44 AR-1268-4

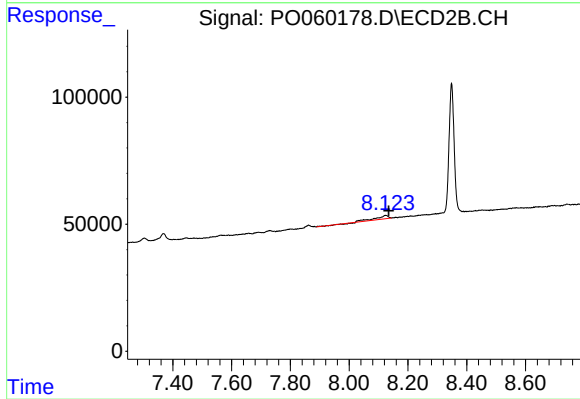
R.T.: 7.862 min
Delta R.T.: -0.006 min
Response: 22108
Conc: 10.83 ng/ml



#45 AR-1268-5

R.T.: 9.329 min
Delta R.T.: -0.019 min
Response: 14263
Conc: 0.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
HF-01



#45 AR-1268-5

R.T.: 8.124 min
Delta R.T.: -0.011 min
Response: 38682
Conc: 2.66 ng/ml