

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072720\
 Data File : P0070076.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 28 Jul 2020 00:19
 Operator : DD\AJ
 Sample : L3414-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 61820

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 28 01:59:25 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072720.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 27 17:35:07 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.401	3.579	1033594	1213309	28.229	31.994
2)	SA Decachlor...	10.042	8.777	1226803	968078	20.499	18.521
Target Compounds							
3)	L1 AR-1016-1	5.706	4.810	95755	93294	55.425	55.207
4)	L1 AR-1016-2	5.727	4.829	144081	107105	58.717	45.311
5)	L1 AR-1016-3	5.791	5.015	102690	61539	68.814	46.580 #
6)	L1 AR-1016-4	5.895	5.069	122752	38988	97.780	36.175 #
7)	L1 AR-1016-5	6.203	5.291	50337	93956	40.870	67.825 #
8)	L2 AR-1221-1	4.648	0.000	14362	0	36.318	N.D. #
9)	L2 AR-1221-2	4.752	3.924	19604	48684	65.894	148.101 #
10)	L2 AR-1221-3	4.837	4.014	67652	83481	67.132	80.079
11)	L3 AR-1232-1	4.837	4.014	67652	83481	82.345	95.252
12)	L3 AR-1232-2	5.412	4.829	222257	107105	487.231	106.922 #
13)	L3 AR-1232-3	5.727	5.015	144081	61539	143.470	114.338
14)	L3 AR-1232-4	5.895	5.113	122752	60645	236.434	139.743 #
15)	L3 AR-1232-5	5.995	5.291	75201	93956	220.169	178.359
16)	L4 AR-1242-1	5.706	4.810	95755	93294	73.238	74.152
17)	L4 AR-1242-2	5.727	4.829	144081	107105	77.488	61.336
18)	L4 AR-1242-3	5.791	5.015	102690	61539	91.201	63.965 #
19)	L4 AR-1242-4	5.895	5.113	122752	60645	128.782	69.910 #
20)	L4 AR-1242-5	6.677	5.667	118215	17292	97.368	13.282 #
21)	L5 AR-1248-1	5.706	4.810	95755	93294	95.804	96.776
22)	L5 AR-1248-2	5.995	5.069	75201	38988	59.126	29.078 #
23)	L5 AR-1248-3	6.203	5.113	50337	60645	32.527	48.701 #
24)	L5 AR-1248-4	6.633	5.291	78322	93956	38.679	58.025 #
25)	L5 AR-1248-5	6.677	5.689f	118215	8782	62.171	5.173 #
26)	L6 AR-1254-1	6.593	5.667	39535	17292	19.999	6.166 #
27)	L6 AR-1254-2	6.832	0.000	209864	0	67.335	N.D. #
28)	L6 AR-1254-3	7.221f	6.260f	88849	120405	27.393	30.992
30)	L6 AR-1254-5	7.917	6.902	219505	32310	73.489	9.048 #
31)	L7 AR-1260-1	7.361	6.374	36971	43749	15.276	16.410
32)	L7 AR-1260-2	7.634	6.574	61120	28362	17.203	8.422 #
33)	L7 AR-1260-3	7.969f	6.726	417138	32323	137.915	10.799 #
34)	L7 AR-1260-4	8.197f	0.000	29070	0	10.068	N.D. #
35)	L7 AR-1260-5	8.527	7.454	171630	26613	25.155	4.143 #
36)	L8 AR-1262-1	7.969f	6.902	417138	32310	96.427	16.575 #
37)	L8 AR-1262-2	8.527	7.454	171630	26613	22.918	3.838 #
39)	L8 AR-1262-4	8.859f	0.000	177164	0	49.483	N.D. #
40)	L8 AR-1262-5	9.469f	0.000	12793	0	4.811	N.D. #
42)	L9 AR-1268-2	8.859f	0.000	177164	0	22.305	N.D. #
43)	L9 AR-1268-3	9.079	0.000	48664	0	7.035	N.D. #
44)	L9 AR-1268-4	9.469f	0.000	12793	0	4.333	N.D. #

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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	9.789	8.558	267234	49991	12.346	2.563 #

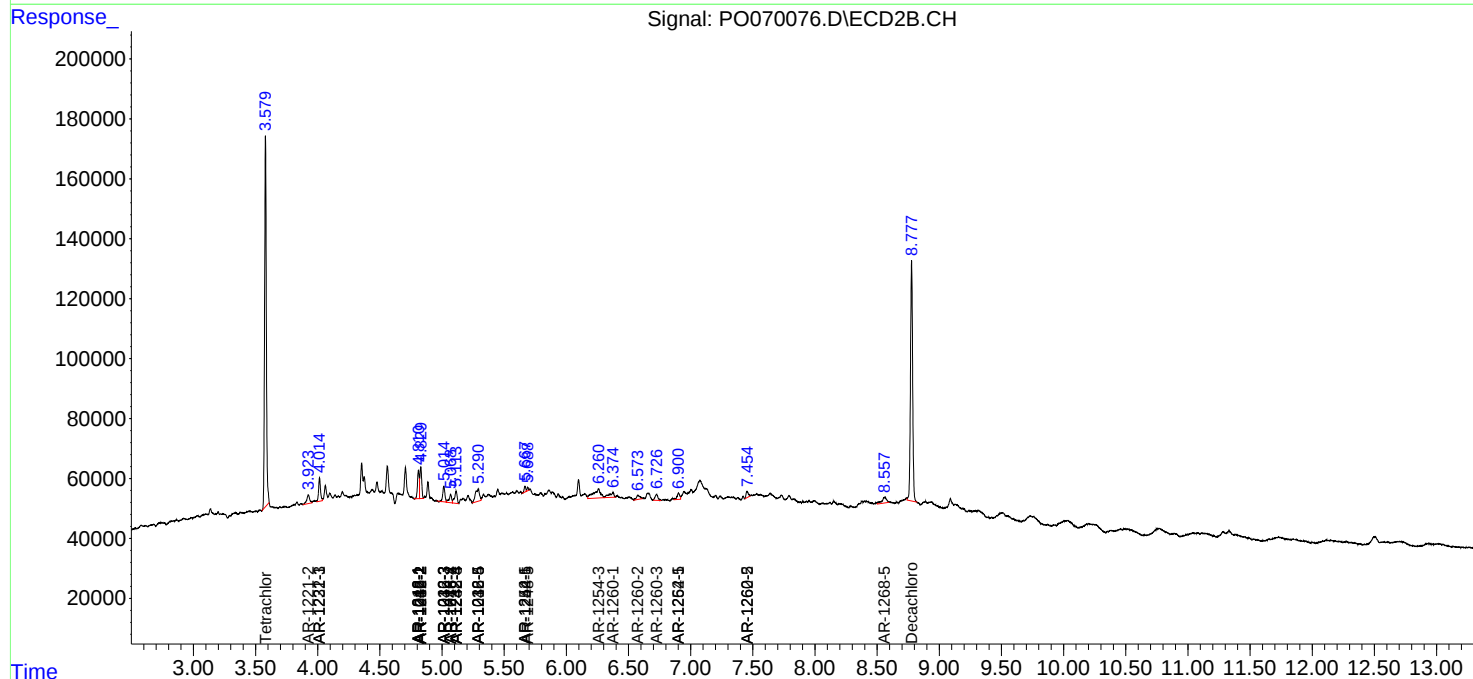
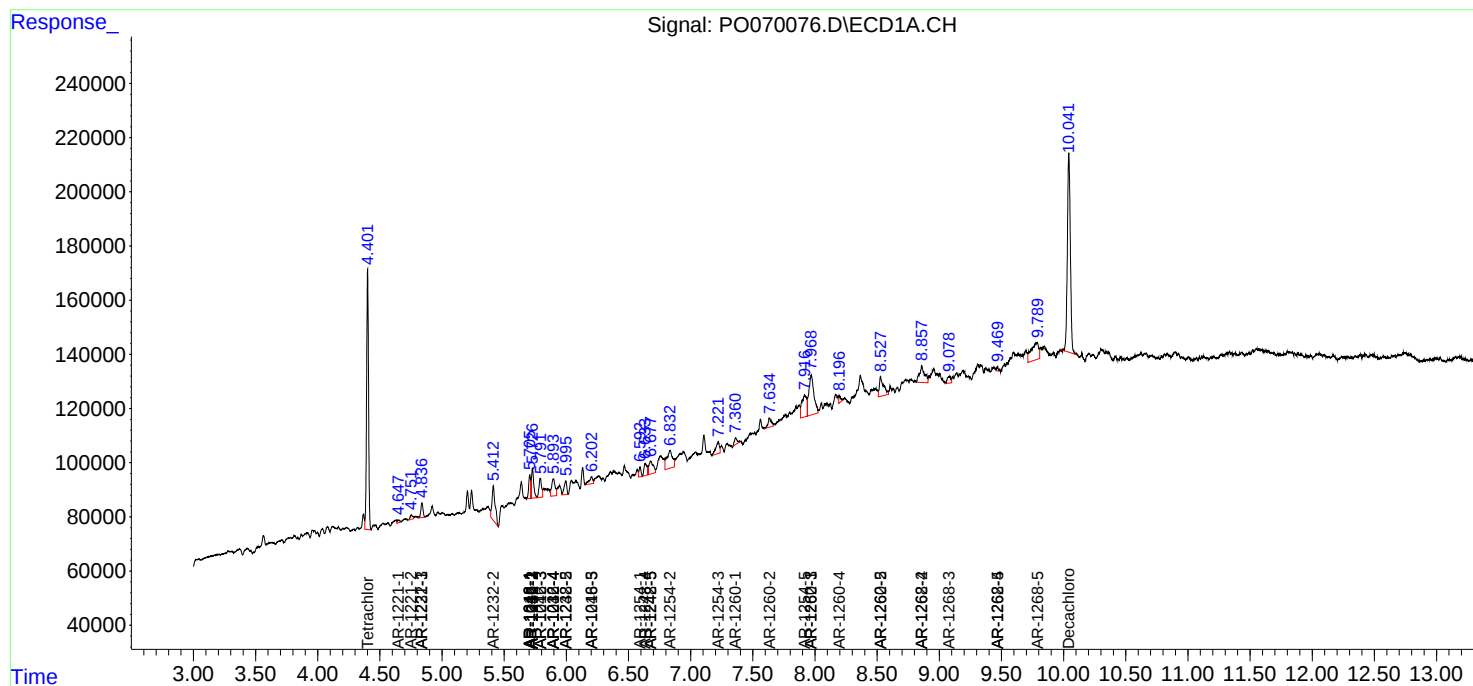
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

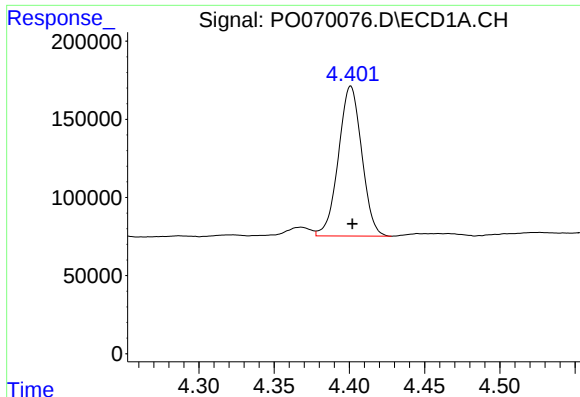
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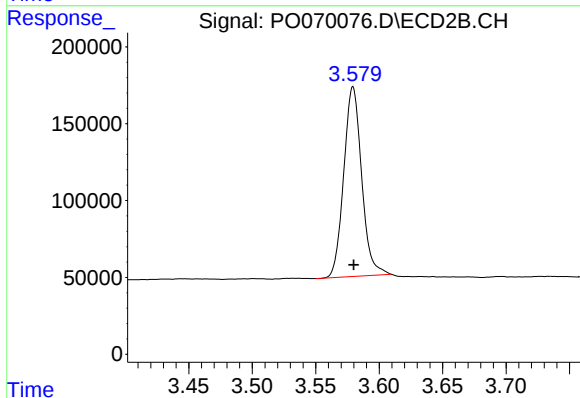




#1 Tetrachloro-m-xylene

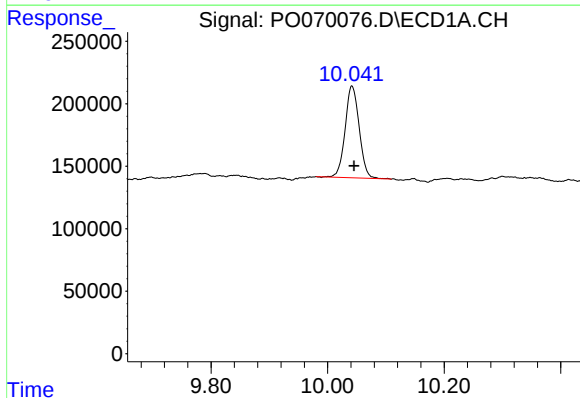
R.T.: 4.401 min
Delta R.T.: -0.001 min
Response: 1033594
Conc: 28.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
61820



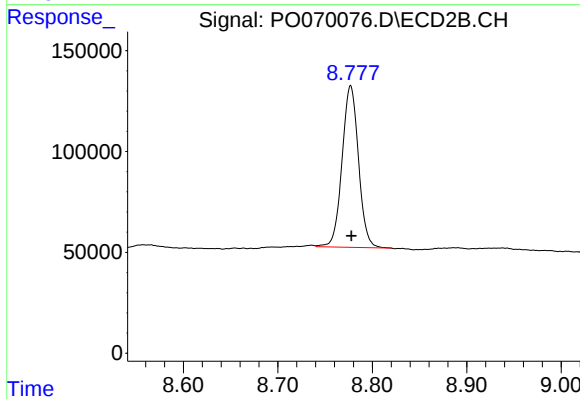
#1 Tetrachloro-m-xylene

R.T.: 3.579 min
Delta R.T.: 0.000 min
Response: 1213309
Conc: 31.99 ng/ml



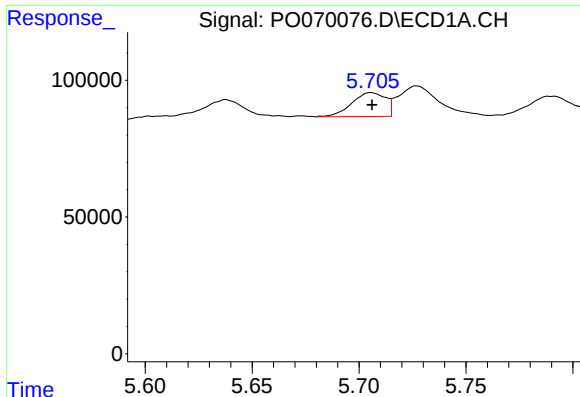
#2 Decachlorobiphenyl

R.T.: 10.042 min
Delta R.T.: -0.004 min
Response: 1226803
Conc: 20.50 ng/ml



#2 Decachlorobiphenyl

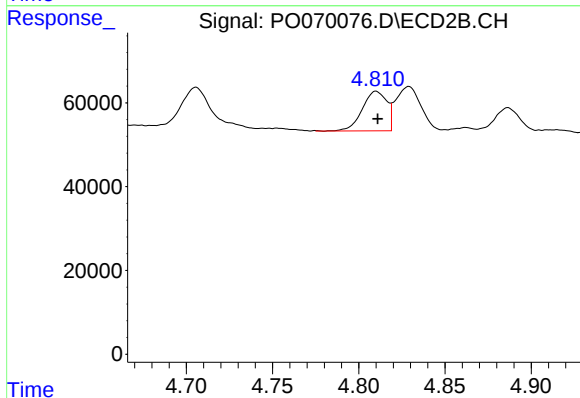
R.T.: 8.777 min
Delta R.T.: 0.000 min
Response: 968078
Conc: 18.52 ng/ml



#3 AR-1016-1

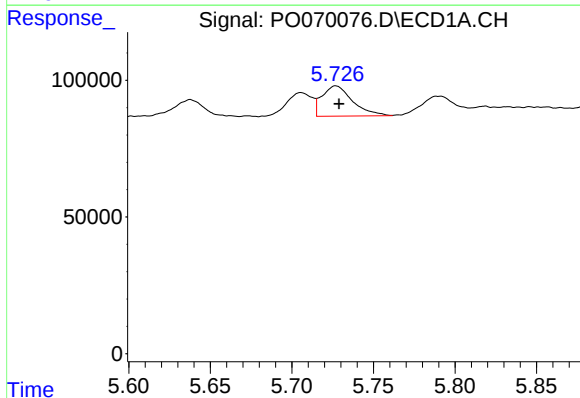
R.T.: 5.706 min
Delta R.T.: 0.000 min
Response: 95755
Conc: 55.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
61820



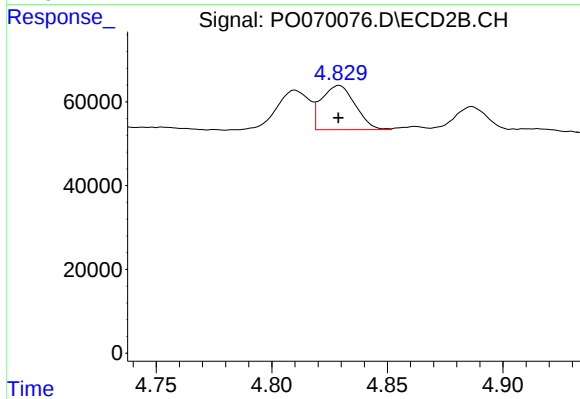
#3 AR-1016-1

R.T.: 4.810 min
Delta R.T.: 0.000 min
Response: 93294
Conc: 55.21 ng/ml



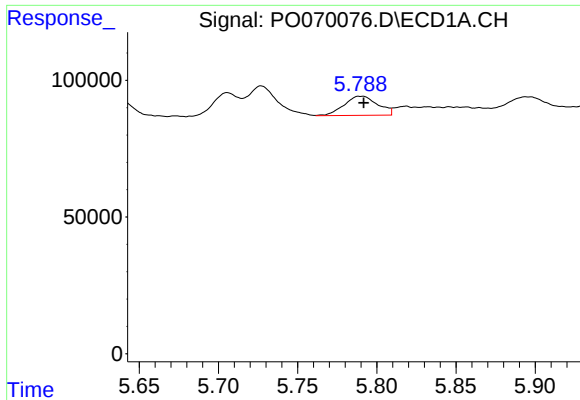
#4 AR-1016-2

R.T.: 5.727 min
Delta R.T.: -0.002 min
Response: 144081
Conc: 58.72 ng/ml



#4 AR-1016-2

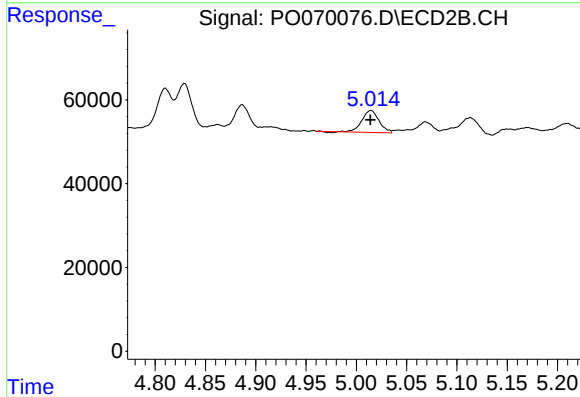
R.T.: 4.829 min
Delta R.T.: 0.000 min
Response: 107105
Conc: 45.31 ng/ml



#5 AR-1016-3

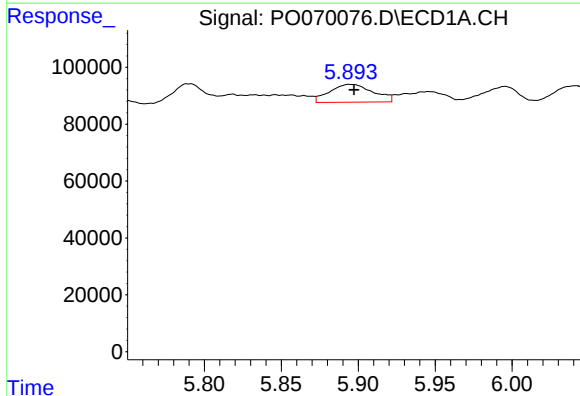
R.T.: 5.791 min
Delta R.T.: 0.000 min
Response: 102690
Conc: 68.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
61820



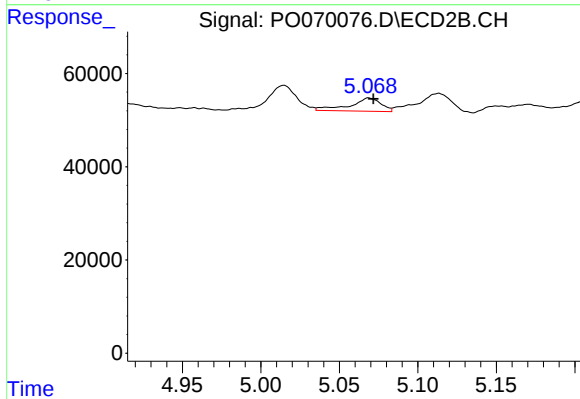
#5 AR-1016-3

R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 61539
Conc: 46.58 ng/ml



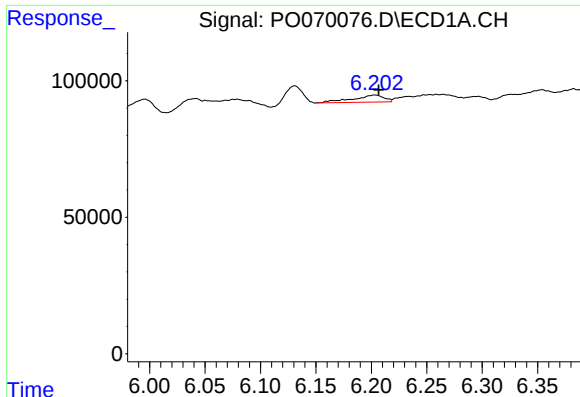
#6 AR-1016-4

R.T.: 5.895 min
Delta R.T.: -0.003 min
Response: 122752
Conc: 97.78 ng/ml



#6 AR-1016-4

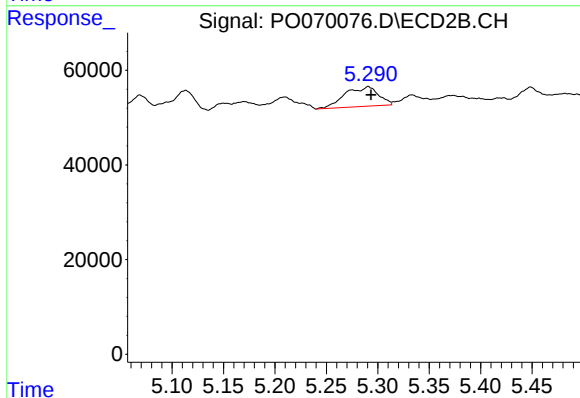
R.T.: 5.069 min
Delta R.T.: -0.003 min
Response: 38988
Conc: 36.17 ng/ml



#7 AR-1016-5

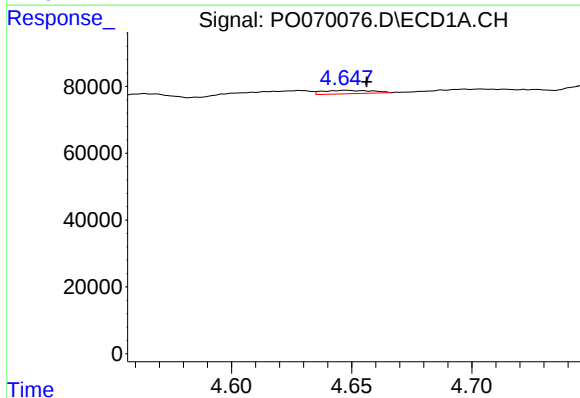
R.T.: 6.203 min
Delta R.T.: -0.004 min
Response: 50337
Conc: 40.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
61820



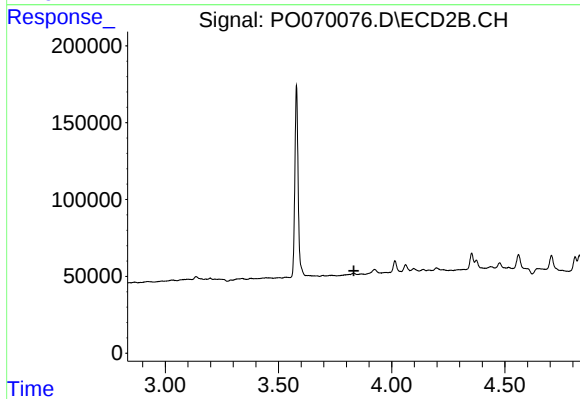
#7 AR-1016-5

R.T.: 5.291 min
Delta R.T.: -0.003 min
Response: 93956
Conc: 67.83 ng/ml



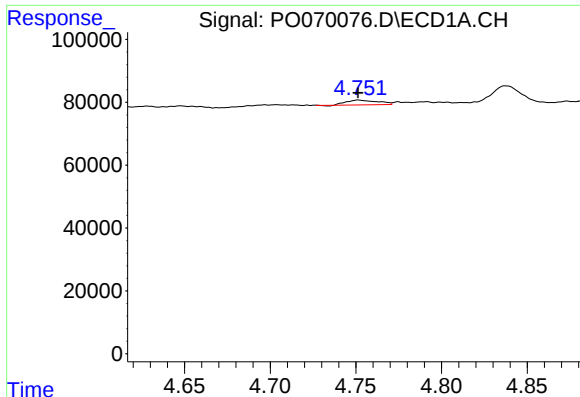
#8 AR-1221-1

R.T.: 4.648 min
Delta R.T.: -0.009 min
Response: 14362
Conc: 36.32 ng/ml



#8 AR-1221-1

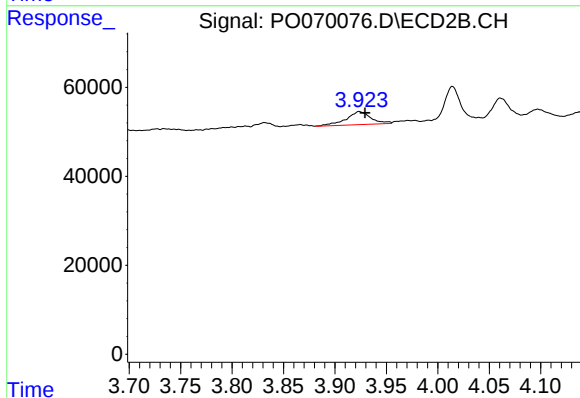
R.T.: 0.000 min
Exp R.T.: 3.833 min
Response: 0
Conc: N.D.



#9 AR-1221-2

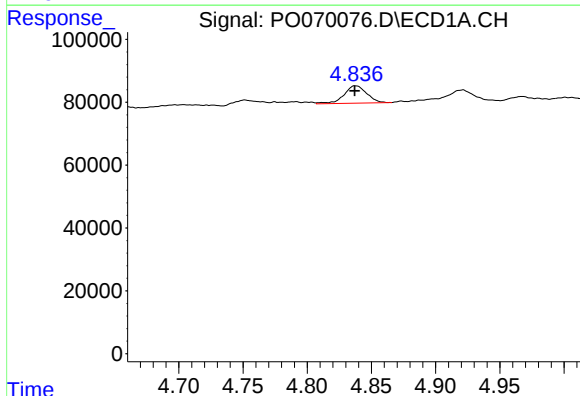
R.T.: 4.752 min
Delta R.T.: 0.000 min
Response: 19604
Conc: 65.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
61820



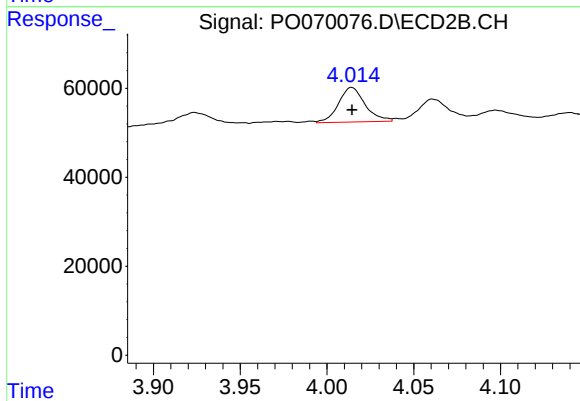
#9 AR-1221-2

R.T.: 3.924 min
Delta R.T.: -0.006 min
Response: 48684
Conc: 148.10 ng/ml



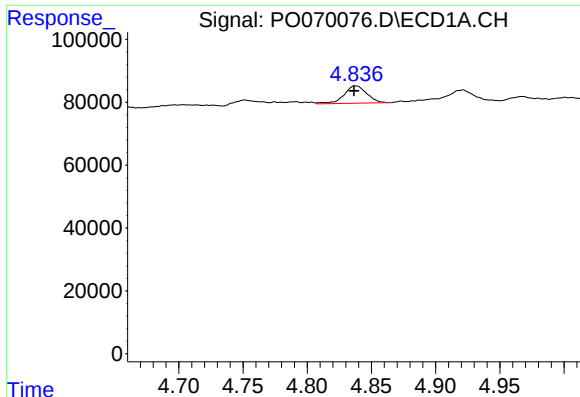
#10 AR-1221-3

R.T.: 4.837 min
Delta R.T.: 0.000 min
Response: 67652
Conc: 67.13 ng/ml



#10 AR-1221-3

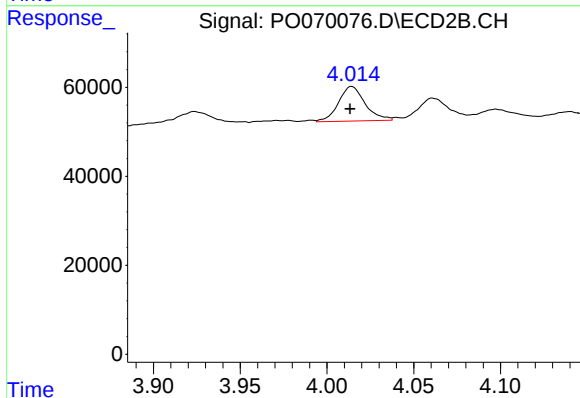
R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 83481
Conc: 80.08 ng/ml



#11 AR-1232-1

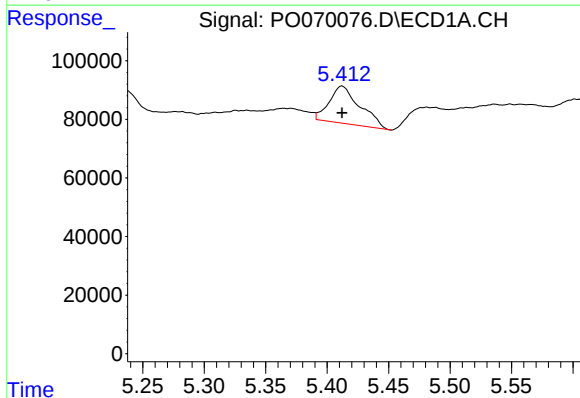
R.T.: 4.837 min
Delta R.T.: 0.000 min
Response: 67652
Conc: 82.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
61820



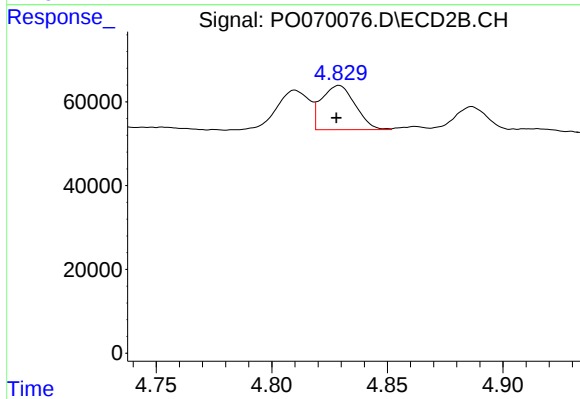
#11 AR-1232-1

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 83481
Conc: 95.25 ng/ml



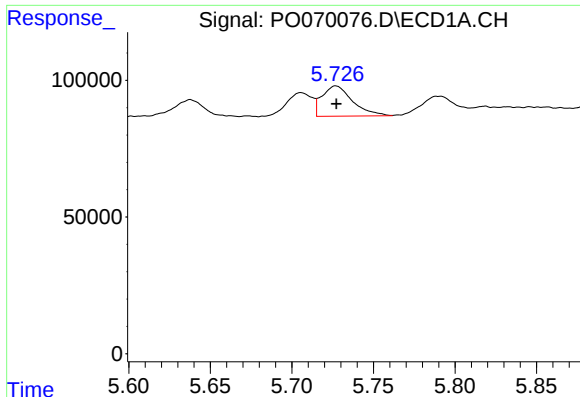
#12 AR-1232-2

R.T.: 5.412 min
Delta R.T.: 0.000 min
Response: 222257
Conc: 487.23 ng/ml



#12 AR-1232-2

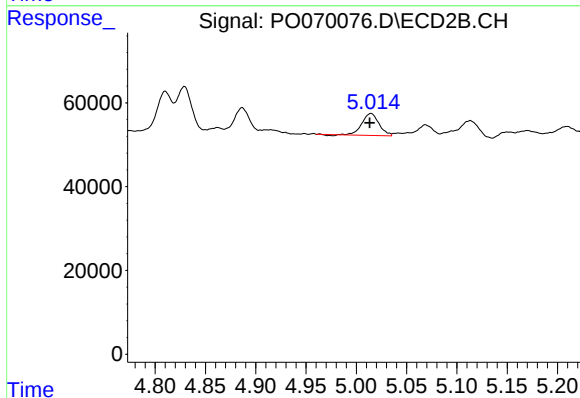
R.T.: 4.829 min
Delta R.T.: 0.001 min
Response: 107105
Conc: 106.92 ng/ml



#13 AR-1232-3

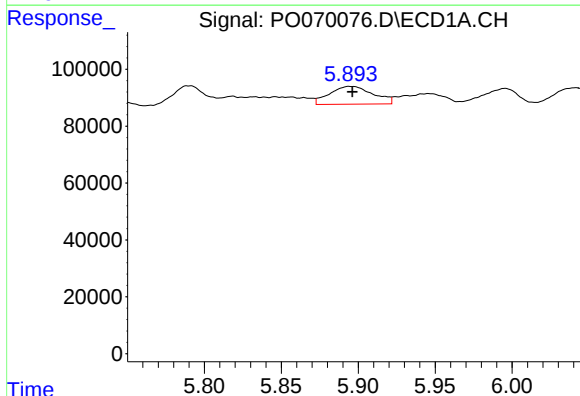
R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 144081
Conc: 143.47 ng/ml

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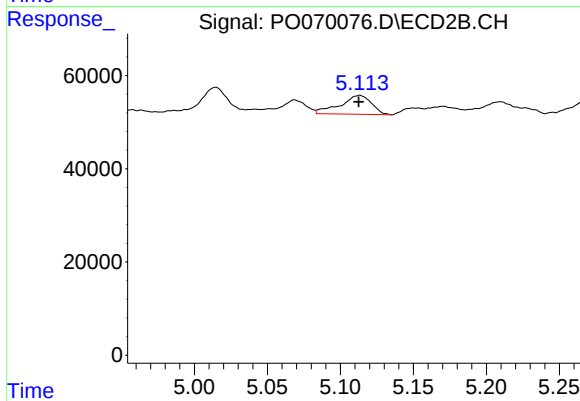
#13 AR-1232-3

R.T.: 5.015 min
Delta R.T.: 0.001 min
Response: 61539
Conc: 114.34 ng/ml



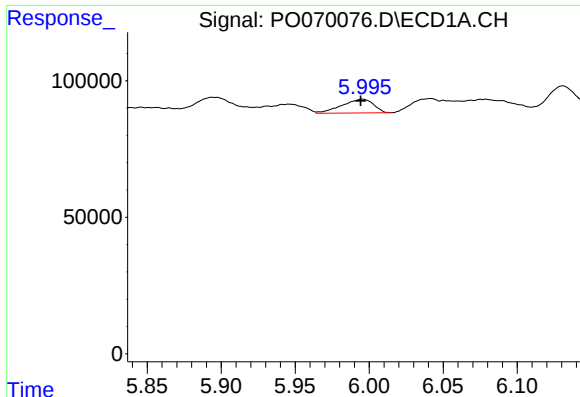
#14 AR-1232-4

R.T.: 5.895 min
Delta R.T.: -0.002 min
Response: 122752
Conc: 236.43 ng/ml



#14 AR-1232-4

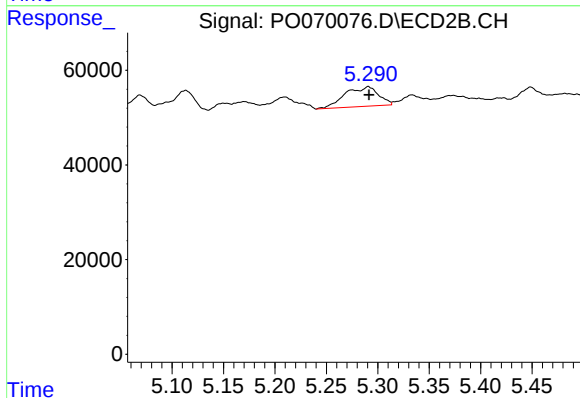
R.T.: 5.113 min
Delta R.T.: 0.000 min
Response: 60645
Conc: 139.74 ng/ml



#15 AR-1232-5

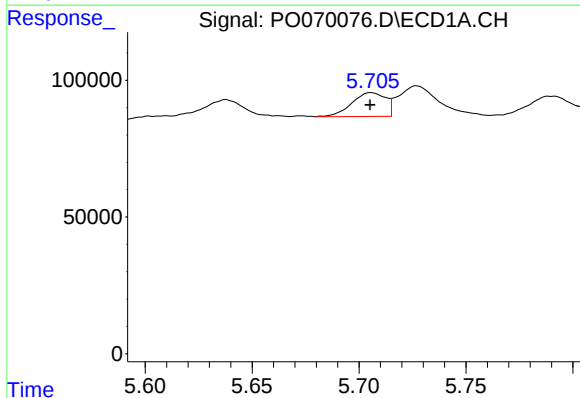
R.T.: 5.995 min
Delta R.T.: 0.001 min
Response: 75201
Conc: 220.17 ng/ml

Instrument :
ECD_O
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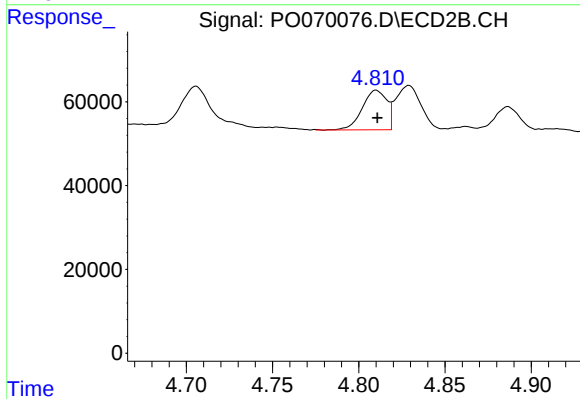
#15 AR-1232-5

R.T.: 5.291 min
Delta R.T.: 0.000 min
Response: 93956
Conc: 178.36 ng/ml



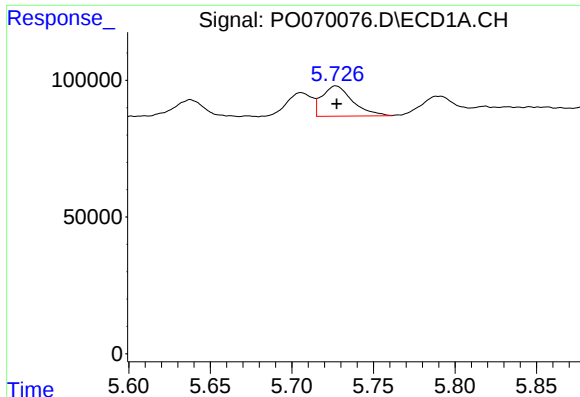
#16 AR-1242-1

R.T.: 5.706 min
Delta R.T.: 0.000 min
Response: 95755
Conc: 73.24 ng/ml



#16 AR-1242-1

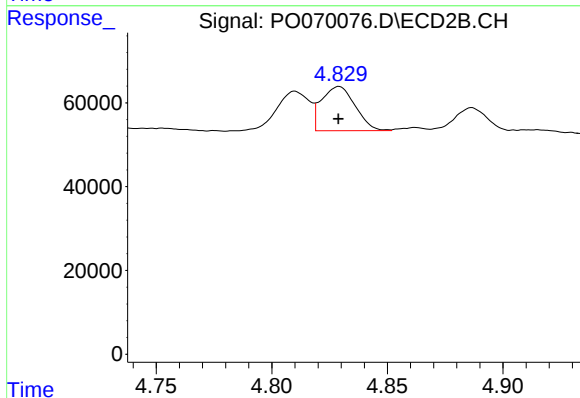
R.T.: 4.810 min
Delta R.T.: 0.000 min
Response: 93294
Conc: 74.15 ng/ml



#17 AR-1242-2

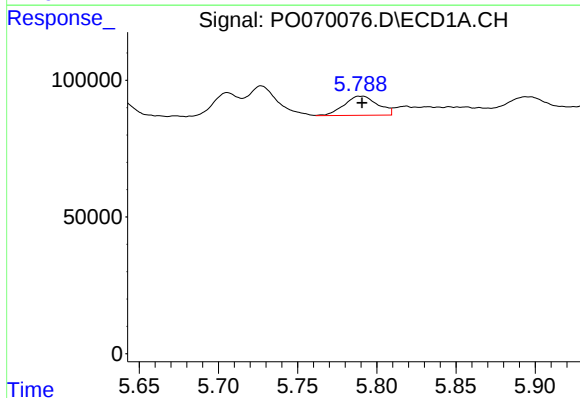
R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 144081
Conc: 77.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
61820



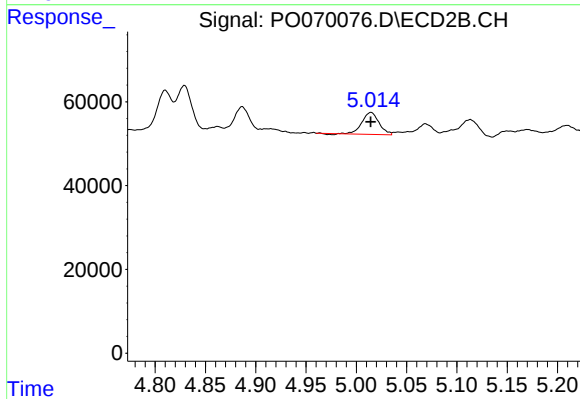
#17 AR-1242-2

R.T.: 4.829 min
Delta R.T.: 0.000 min
Response: 107105
Conc: 61.34 ng/ml



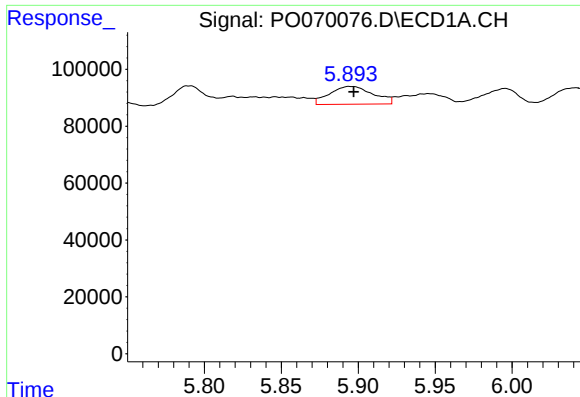
#18 AR-1242-3

R.T.: 5.791 min
Delta R.T.: 0.000 min
Response: 102690
Conc: 91.20 ng/ml



#18 AR-1242-3

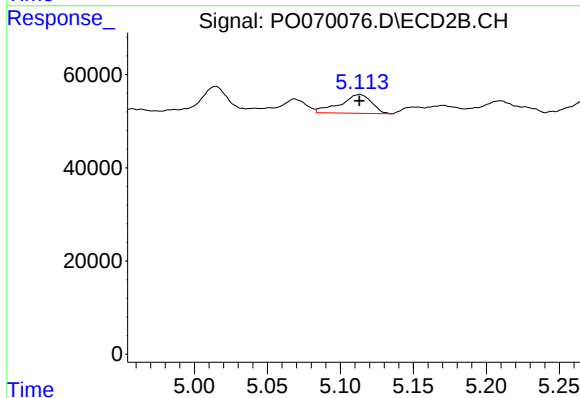
R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 61539
Conc: 63.96 ng/ml



#19 AR-1242-4

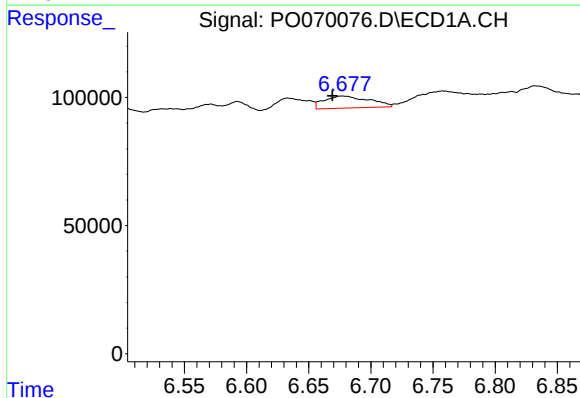
R.T.: 5.895 min
Delta R.T.: -0.002 min
Response: 122752
Conc: 128.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
61820



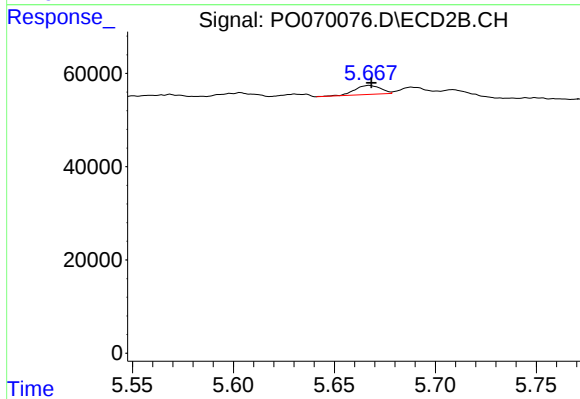
#19 AR-1242-4

R.T.: 5.113 min
Delta R.T.: 0.000 min
Response: 60645
Conc: 69.91 ng/ml



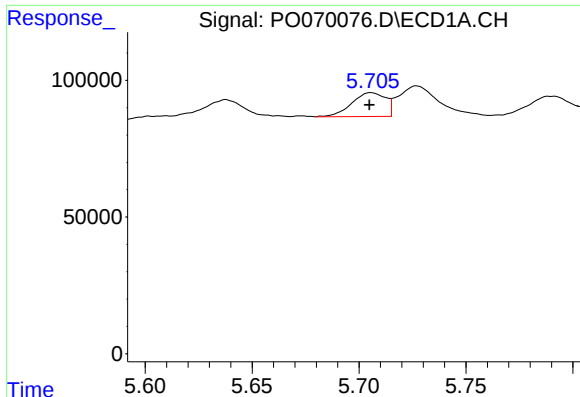
#20 AR-1242-5

R.T.: 6.677 min
Delta R.T.: 0.008 min
Response: 118215
Conc: 97.37 ng/ml



#20 AR-1242-5

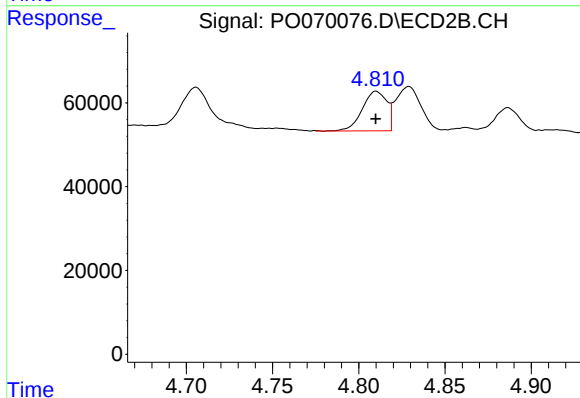
R.T.: 5.667 min
Delta R.T.: -0.001 min
Response: 17292
Conc: 13.28 ng/ml



#21 AR-1248-1

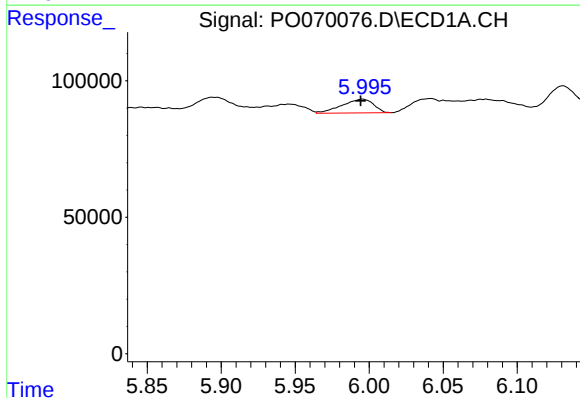
R.T.: 5.706 min
Delta R.T.: 0.000 min
Response: 95755
Conc: 95.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
61820



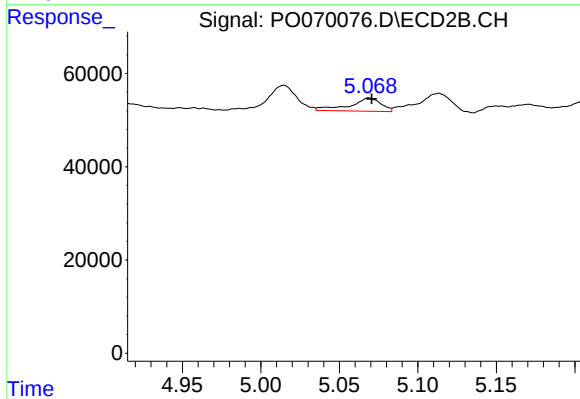
#21 AR-1248-1

R.T.: 4.810 min
Delta R.T.: 0.000 min
Response: 93294
Conc: 96.78 ng/ml



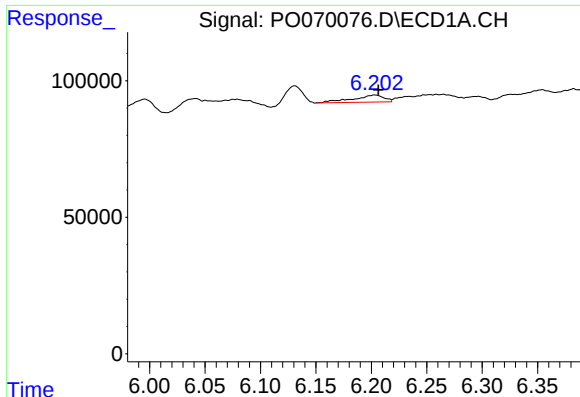
#22 AR-1248-2

R.T.: 5.995 min
Delta R.T.: 0.001 min
Response: 75201
Conc: 59.13 ng/ml



#22 AR-1248-2

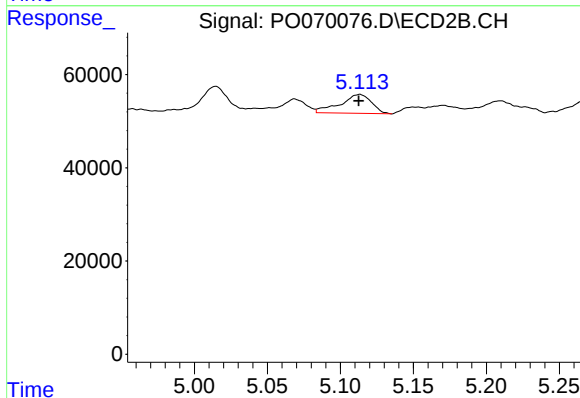
R.T.: 5.069 min
Delta R.T.: -0.002 min
Response: 38988
Conc: 29.08 ng/ml



#23 AR-1248-3

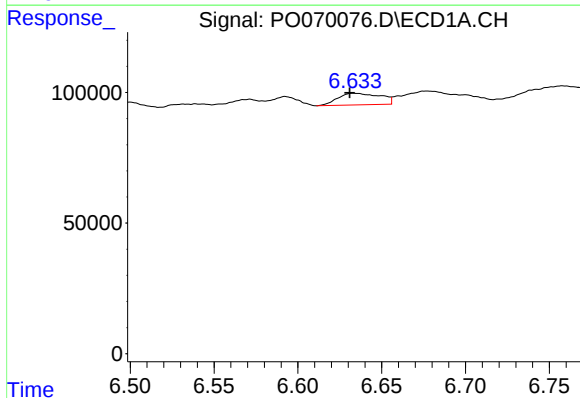
R.T.: 6.203 min
Delta R.T.: -0.003 min
Response: 50337
Conc: 32.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
61820



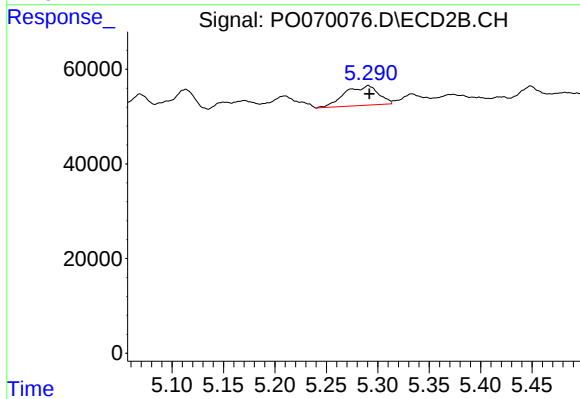
#23 AR-1248-3

R.T.: 5.113 min
Delta R.T.: 0.000 min
Response: 60645
Conc: 48.70 ng/ml



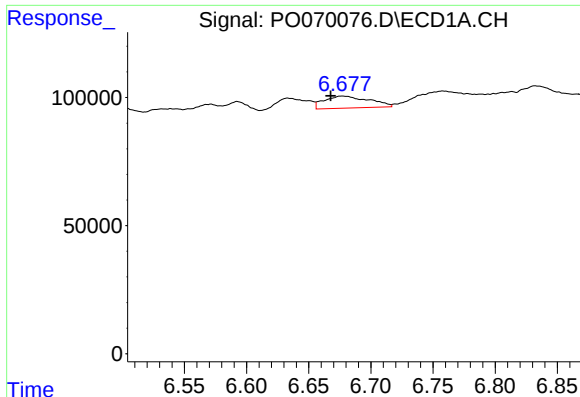
#24 AR-1248-4

R.T.: 6.633 min
Delta R.T.: 0.002 min
Response: 78322
Conc: 38.68 ng/ml



#24 AR-1248-4

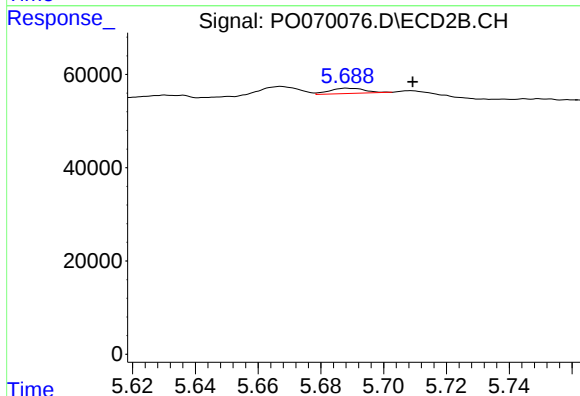
R.T.: 5.291 min
Delta R.T.: -0.001 min
Response: 93956
Conc: 58.02 ng/ml



#25 AR-1248-5

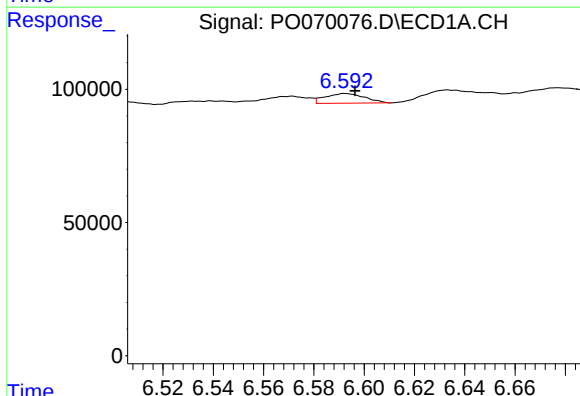
R.T.: 6.677 min
Delta R.T.: 0.009 min
Response: 118215
Conc: 62.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
61820



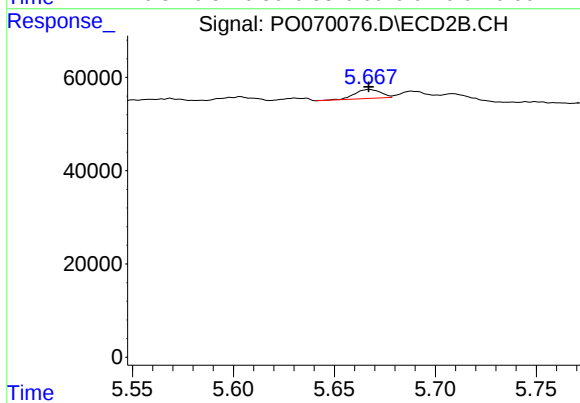
#25 AR-1248-5

R.T.: 5.689 min
Delta R.T.: -0.021 min
Response: 8782
Conc: 5.17 ng/ml



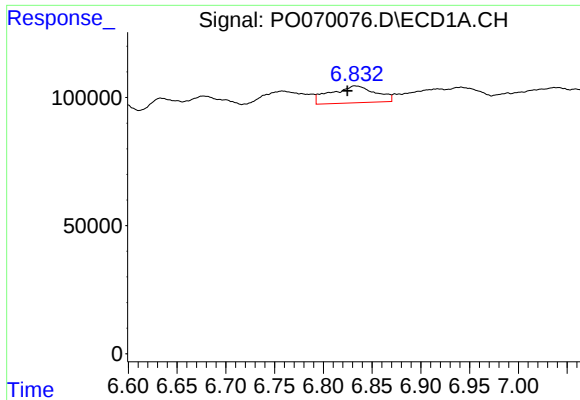
#26 AR-1254-1

R.T.: 6.593 min
Delta R.T.: -0.004 min
Response: 39535
Conc: 20.00 ng/ml



#26 AR-1254-1

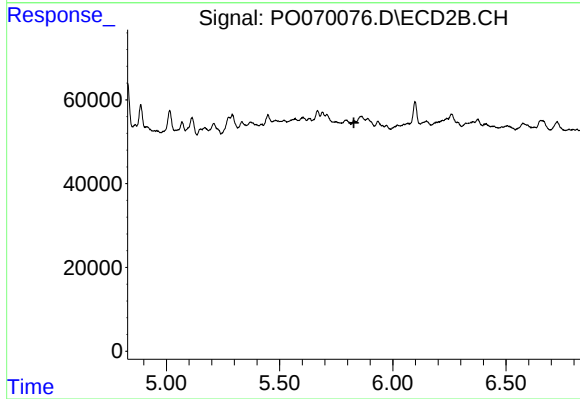
R.T.: 5.667 min
Delta R.T.: 0.000 min
Response: 17292
Conc: 6.17 ng/ml



#27 AR-1254-2

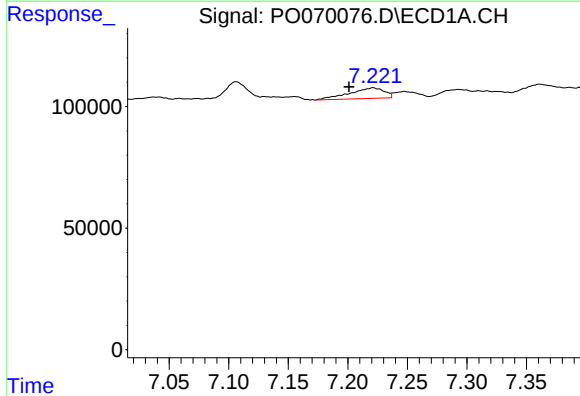
R.T.: 6.832 min
Delta R.T.: 0.008 min
Response: 209864
Conc: 67.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
61820



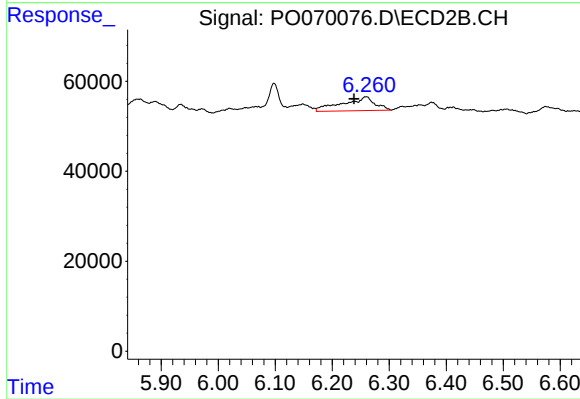
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.828 min
Response: 0
Conc: N.D.



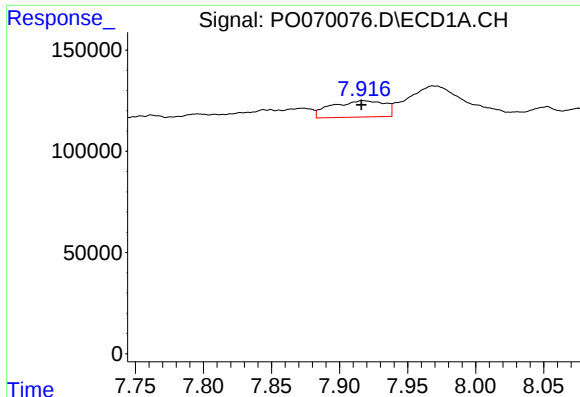
#28 AR-1254-3

R.T.: 7.221 min
Delta R.T.: 0.020 min
Response: 88849
Conc: 27.39 ng/ml



#28 AR-1254-3

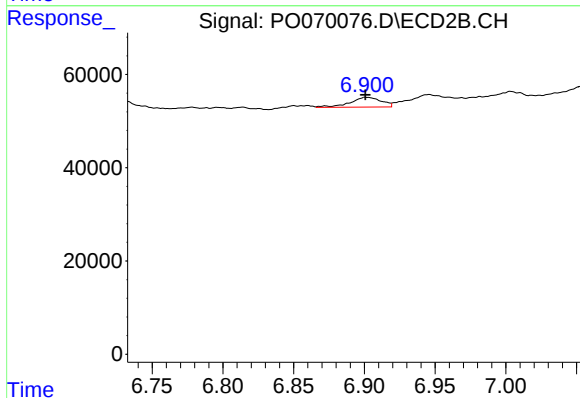
R.T.: 6.260 min
Delta R.T.: 0.022 min
Response: 120405
Conc: 30.99 ng/ml



#30 AR-1254-5

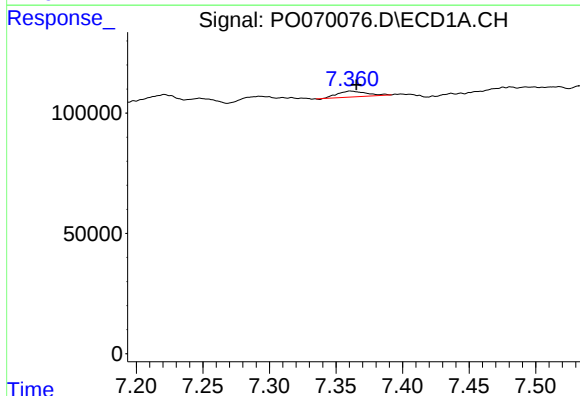
R.T.: 7.917 min
Delta R.T.: 0.001 min
Response: 219505
Conc: 73.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
61820



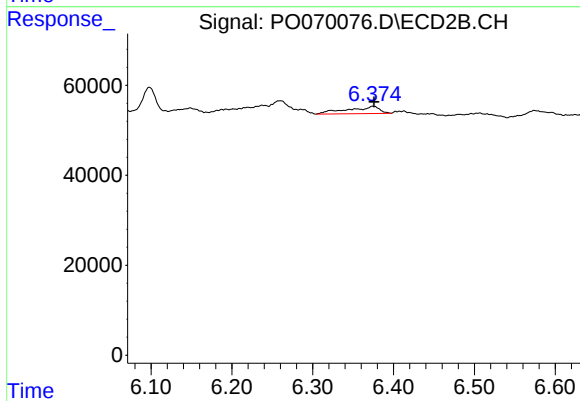
#30 AR-1254-5

R.T.: 6.902 min
Delta R.T.: 0.000 min
Response: 32310
Conc: 9.05 ng/ml



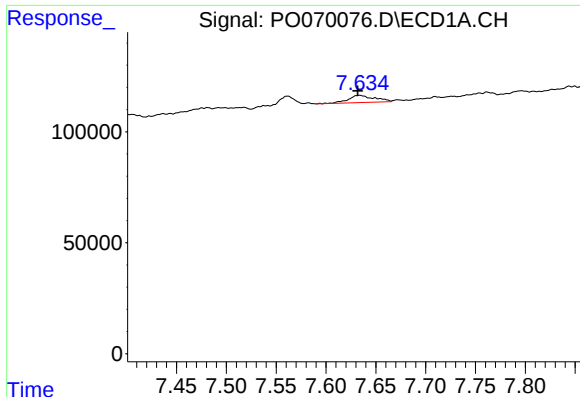
#31 AR-1260-1

R.T.: 7.361 min
Delta R.T.: -0.004 min
Response: 36971
Conc: 15.28 ng/ml



#31 AR-1260-1

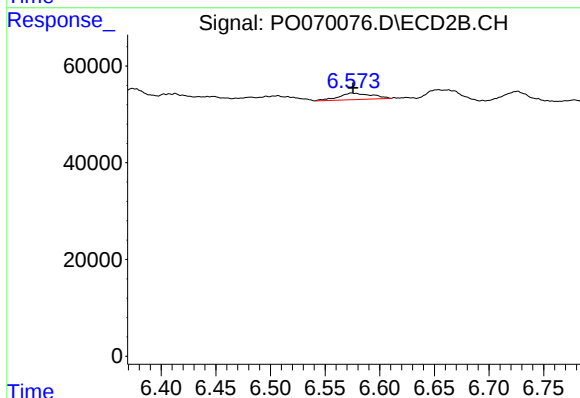
R.T.: 6.374 min
Delta R.T.: -0.002 min
Response: 43749
Conc: 16.41 ng/ml



#32 AR-1260-2

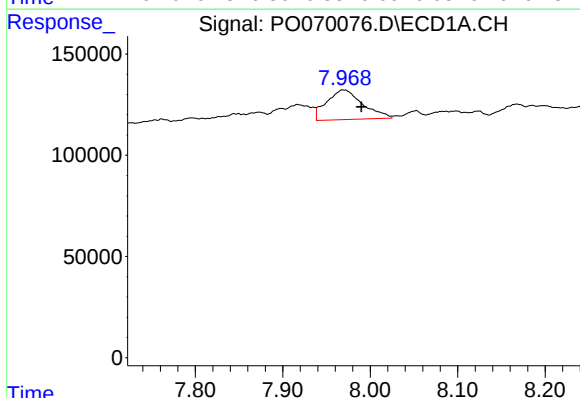
R.T.: 7.634 min
Delta R.T.: 0.002 min
Response: 61120
Conc: 17.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
61820



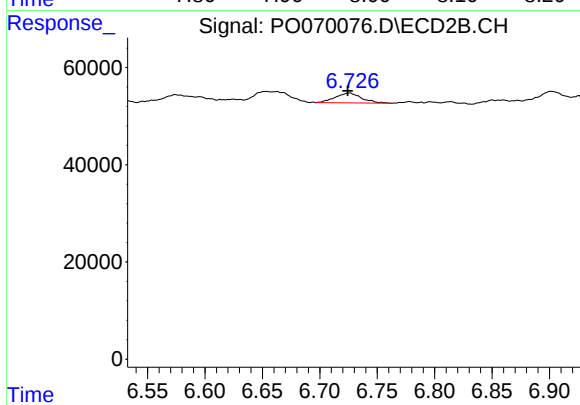
#32 AR-1260-2

R.T.: 6.574 min
Delta R.T.: -0.001 min
Response: 28362
Conc: 8.42 ng/ml



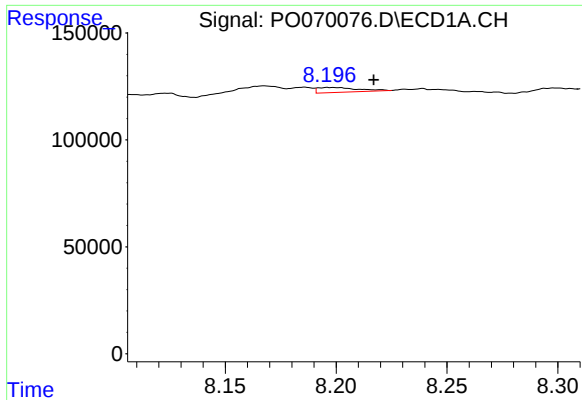
#33 AR-1260-3

R.T.: 7.969 min
Delta R.T.: -0.021 min
Response: 417138
Conc: 137.91 ng/ml



#33 AR-1260-3

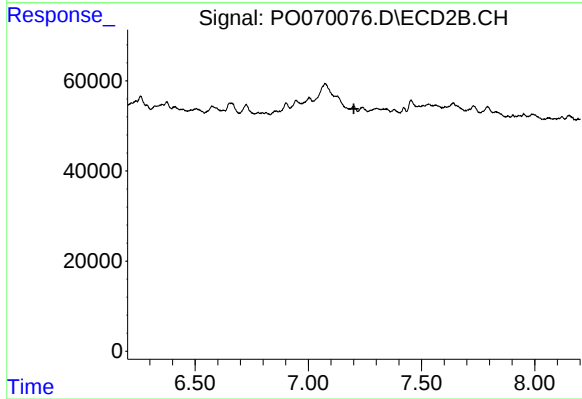
R.T.: 6.726 min
Delta R.T.: 0.002 min
Response: 32323
Conc: 10.80 ng/ml



#34 AR-1260-4

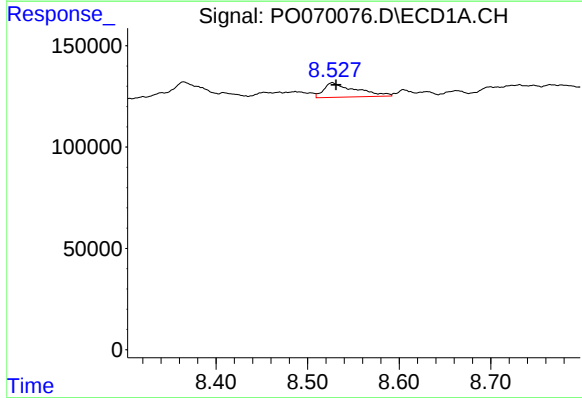
R.T.: 8.197 min
Delta R.T.: -0.020 min
Response: 29070
Conc: 10.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
61820



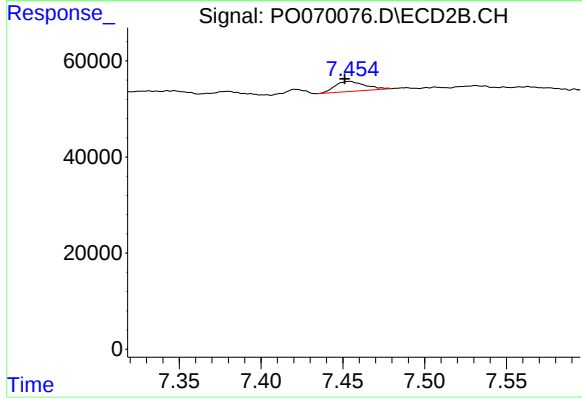
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 7.201 min
Response: 0
Conc: N.D.



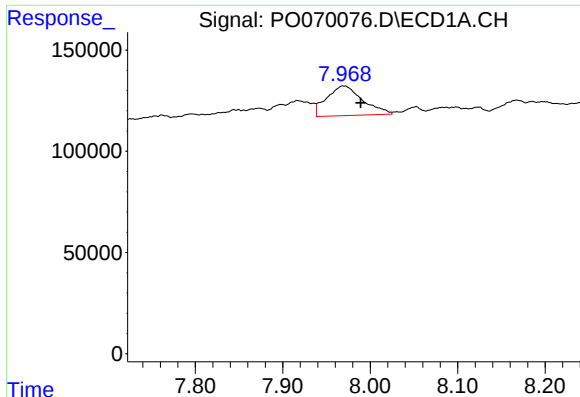
#35 AR-1260-5

R.T.: 8.527 min
Delta R.T.: -0.004 min
Response: 171630
Conc: 25.16 ng/ml



#35 AR-1260-5

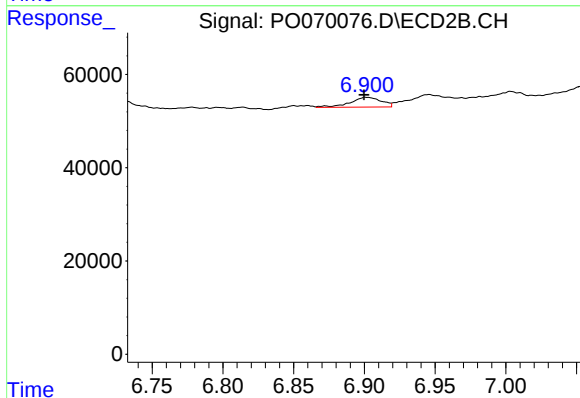
R.T.: 7.454 min
Delta R.T.: 0.003 min
Response: 26613
Conc: 4.14 ng/ml



#36 AR-1262-1

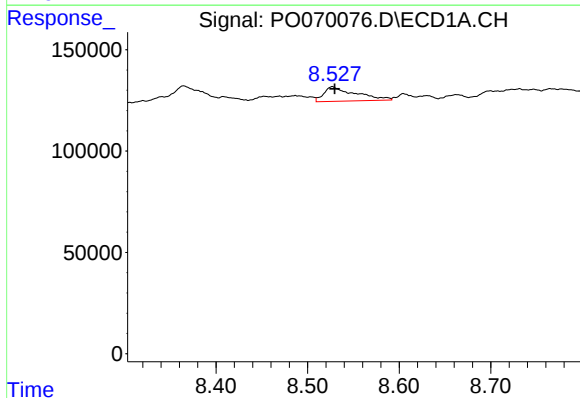
R.T.: 7.969 min
Delta R.T.: -0.020 min
Response: 417138
Conc: 96.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
61820



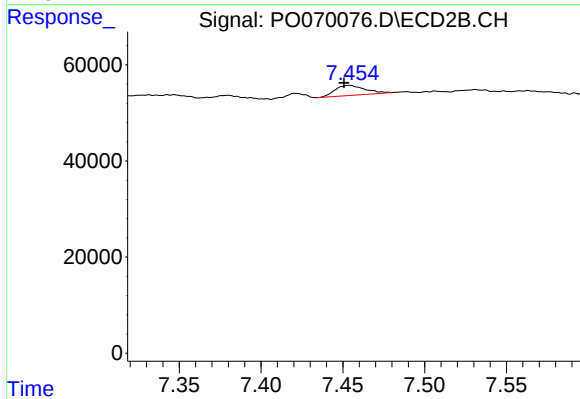
#36 AR-1262-1

R.T.: 6.902 min
Delta R.T.: 0.002 min
Response: 32310
Conc: 16.58 ng/ml



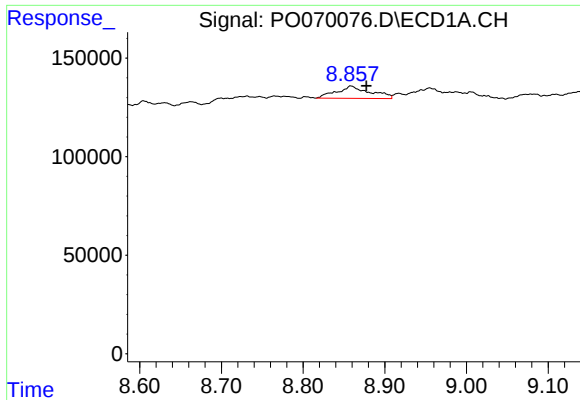
#37 AR-1262-2

R.T.: 8.527 min
Delta R.T.: -0.003 min
Response: 171630
Conc: 22.92 ng/ml



#37 AR-1262-2

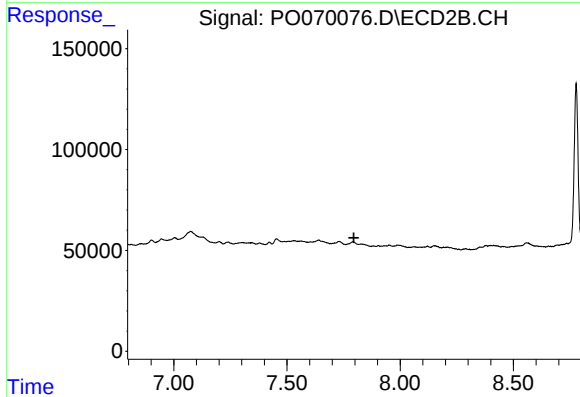
R.T.: 7.454 min
Delta R.T.: 0.003 min
Response: 26613
Conc: 3.84 ng/ml



#39 AR-1262-4

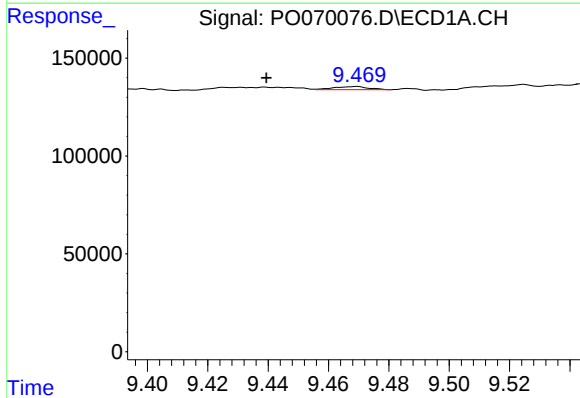
R.T.: 8.859 min
Delta R.T.: -0.019 min
Response: 177164
Conc: 49.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
61820



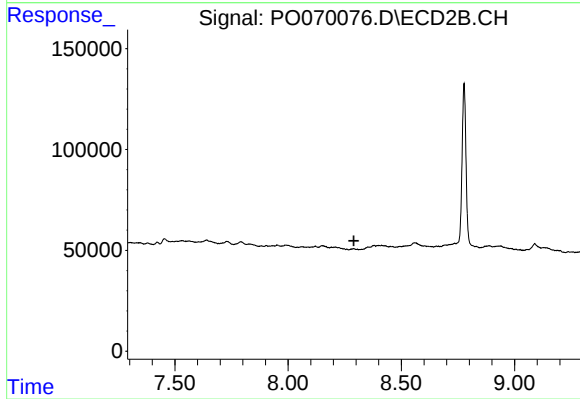
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.795 min
Response: 0
Conc: N.D.



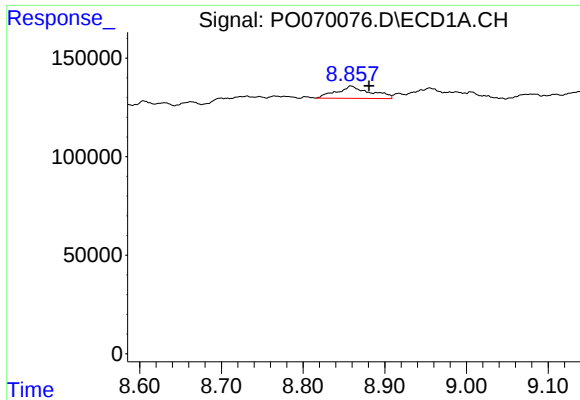
#40 AR-1262-5

R.T.: 9.469 min
Delta R.T.: 0.030 min
Response: 12793
Conc: 4.81 ng/ml



#40 AR-1262-5

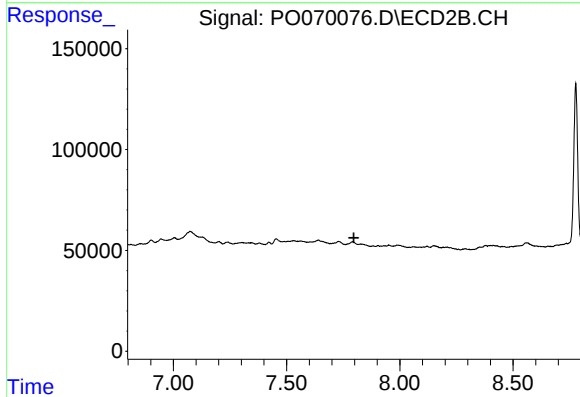
R.T.: 0.000 min
Exp R.T. : 8.290 min
Response: 0
Conc: N.D.



#42 AR-1268-2

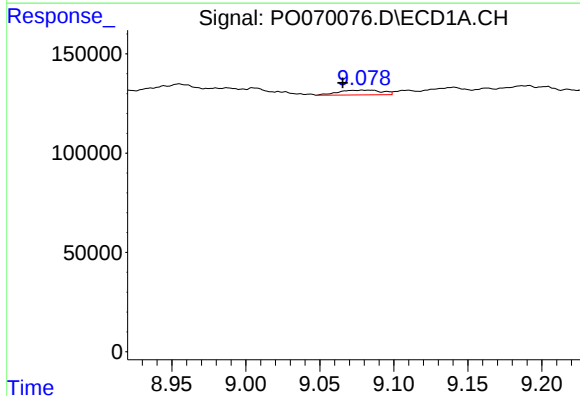
R.T.: 8.859 min
Delta R.T.: -0.022 min
Response: 177164
Conc: 22.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
61820



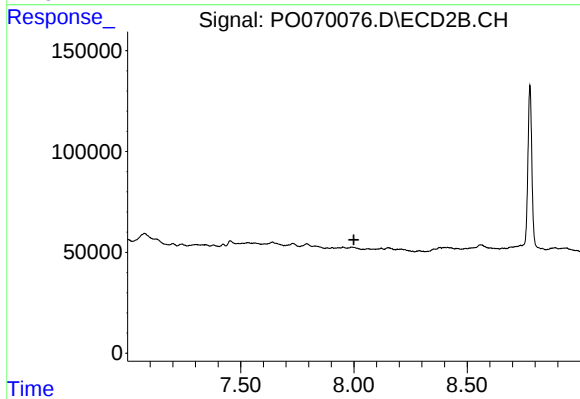
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 7.797 min
Response: 0
Conc: N.D.



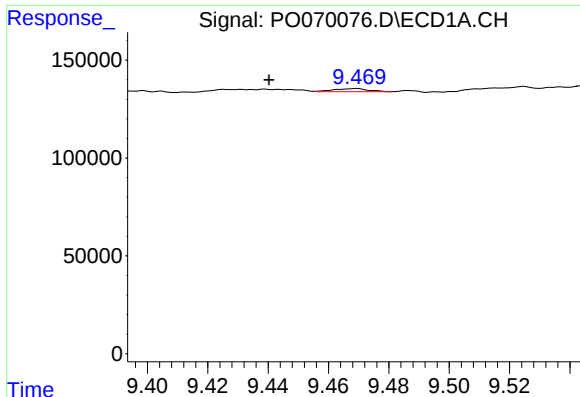
#43 AR-1268-3

R.T.: 9.079 min
Delta R.T.: 0.014 min
Response: 48664
Conc: 7.03 ng/ml



#43 AR-1268-3

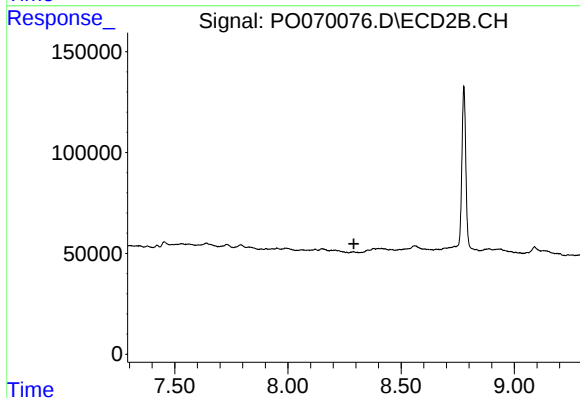
R.T.: 0.000 min
Exp R.T. : 8.000 min
Response: 0
Conc: N.D.



#44 AR-1268-4

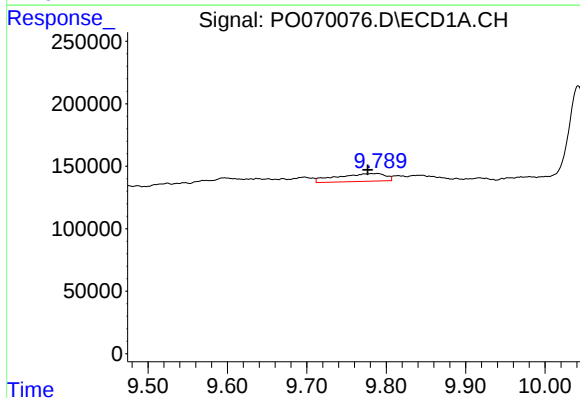
R.T.: 9.469 min
Delta R.T.: 0.029 min
Response: 12793
Conc: 4.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
61820



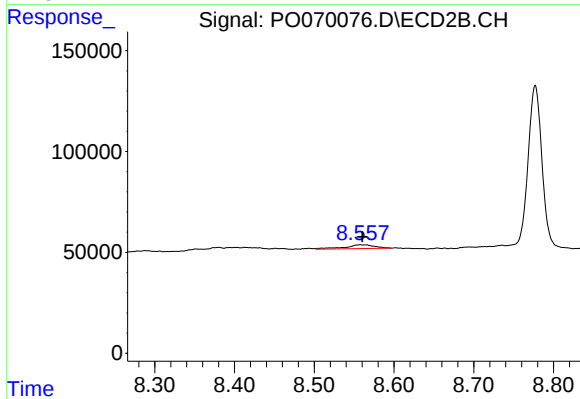
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.291 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.789 min
Delta R.T.: 0.012 min
Response: 267234
Conc: 12.35 ng/ml



#45 AR-1268-5

R.T.: 8.558 min
Delta R.T.: -0.003 min
Response: 49991
Conc: 2.56 ng/ml