

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061620\
 Data File : P0068973.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 16 Jun 2020 9:19
 Operator : DD\AJ
 Sample : L2999-03 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 16 10:42:39 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061220.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jun 13 01:32:21 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...	4.409	3.567	103306	132327	3.786	3.725
2)	SA Decachlor...	10.078	8.779	144042	145545	3.208	2.844
Target Compounds							
3)	L1 AR-1016-1	5.742	4.791	39864	26964	30.917	19.371 #
4)	L1 AR-1016-2	5.742	4.791	39864	26964	21.942	13.771 #
5)	L1 AR-1016-3	5.815	5.058	75728	33127	66.761	32.127 #
6)	L1 AR-1016-4	5.916	5.058	61482	33127	66.612	38.581 #
7)	L1 AR-1016-5	6.213	5.291	26475	40708	27.883	38.650 #
9)	L2 AR-1221-2	0.000	3.902	0	100043	N.D.	325.746 #
10)	L2 AR-1221-3	4.907	4.004	23574	17163	28.619	17.651 #
11)	L3 AR-1232-1	4.907	4.004	23574	17163	33.670	21.413 #
12)	L3 AR-1232-2	0.000	4.791	0	26964	N.D.	31.847 #
13)	L3 AR-1232-3	5.742	5.058	39864	33127	49.488	75.903 #
14)	L3 AR-1232-4	5.916	5.058	61482	33127	151.072	91.929 #
15)	L3 AR-1232-5	0.000	5.291	0	40708	N.D.	97.297 #
16)	L4 AR-1242-1	5.742	4.791	39864	26964	39.461	25.050 #
17)	L4 AR-1242-2	5.742	4.791	39864	26964	28.270	17.670 #
18)	L4 AR-1242-3	5.815	5.058	75728	33127	85.287	41.474 #
19)	L4 AR-1242-4	5.916	5.058	61482	33127	83.249	45.245 #
20)	L4 AR-1242-5	0.000	5.652	0	1044677	N.D.	999.664 #
21)	L5 AR-1248-1	5.742	4.791	39864	26964	50.672	32.840 #
22)	L5 AR-1248-2	0.000	5.058	0	33127	N.D.	28.684 #
23)	L5 AR-1248-3	6.213	5.058	26475	33127	21.466	30.779 #
24)	L5 AR-1248-4	6.612	5.291	17228	40708	11.704	29.332 #
25)	L5 AR-1248-5	0.000	5.734	0	89688	N.D.	62.749 #
26)	L6 AR-1254-1	6.612	5.652	17228	1044677	11.825	461.431 #
27)	L6 AR-1254-2	6.799	5.817	1067235	44329	458.190	22.116 #
28)	L6 AR-1254-3	7.213	6.229	38988	41917	15.221	12.657
29)	L6 AR-1254-4	7.516	6.471	77780	35276	38.317	15.831 #
30)	L6 AR-1254-5	7.936	6.895	73921	77815	34.058	24.189 #
31)	L7 AR-1260-1	7.382	6.360	57633	126392	31.886	60.151 #
32)	L7 AR-1260-2	7.644	6.566	114486	70182	51.162	25.785 #
33)	L7 AR-1260-3	8.010	0.000	23578	0	13.567	N.D. #
34)	L7 AR-1260-4	8.224	7.200	62732	2869429	30.769	1344.607 #
35)	L7 AR-1260-5	8.547	7.444	106235	44726	23.846	7.745 #
36)	L8 AR-1262-1	8.010	6.895	23578	77815	9.288	45.457 #
37)	L8 AR-1262-2	8.547	7.444	106235	44726	21.542	7.043 #
38)	L8 AR-1262-3	8.843	7.708	71893	101378	32.437	40.799 #
39)	L8 AR-1262-4	8.907	7.756	5796	98798	4.114	20.579 #
40)	L8 AR-1262-5	9.419	0.000	6369	0	3.386	N.D. #
41)	L9 AR-1268-1	8.843	7.708	71893	101378	11.773	13.320
42)	L9 AR-1268-2	8.907	7.756	5796	98798	0.999	13.857 #

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Response via : Initial Calibration
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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
44)	L9 AR-1268-4	9.419	0.000	6369	0	2.914	N.D. #
45)	L9 AR-1268-5	9.782	0.000	19010	0	1.098	N.D. #

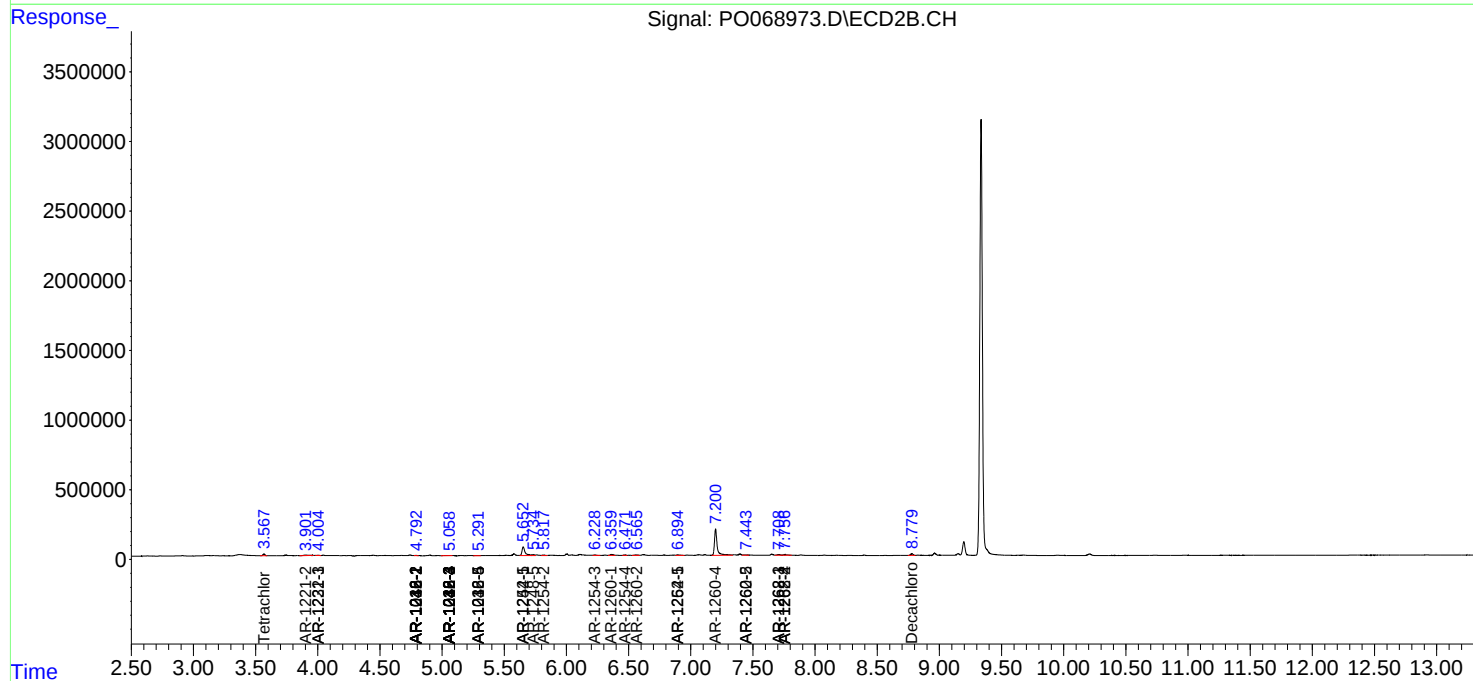
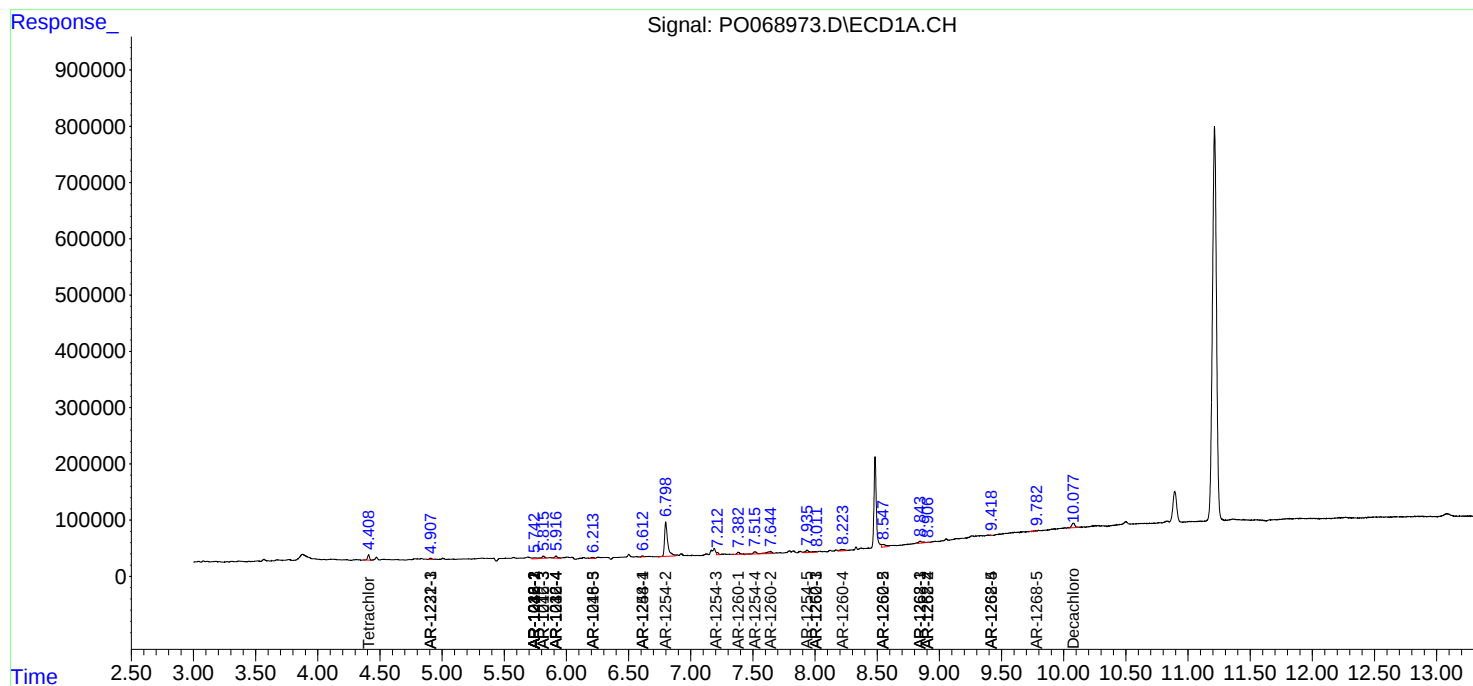
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

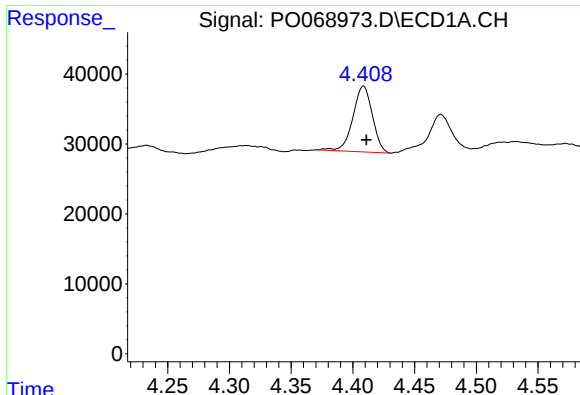
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

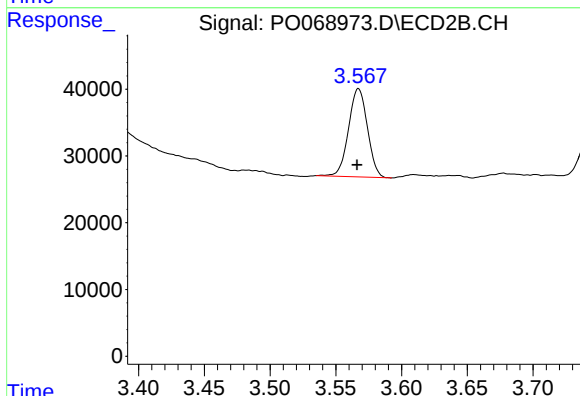




#1 Tetrachloro-m-xylene

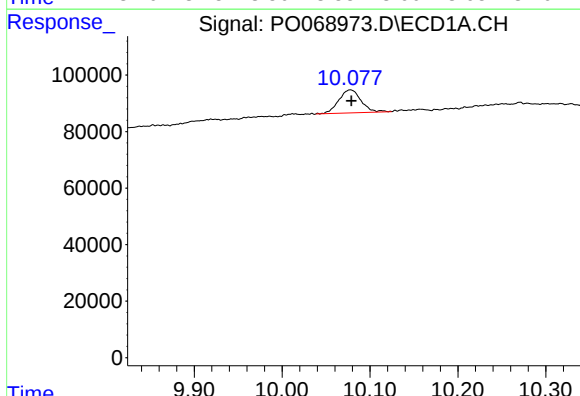
R.T.: 4.409 min
Delta R.T.: -0.002 min
Response: 103306
Conc: 3.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



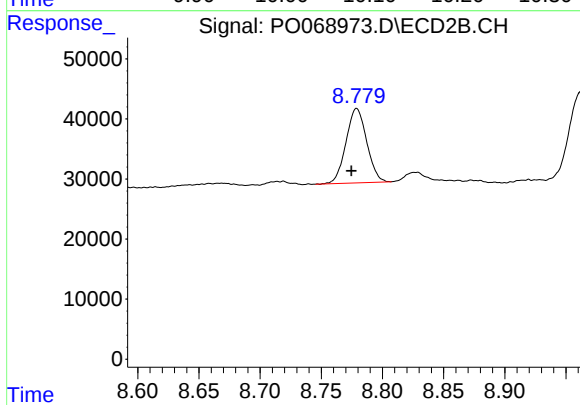
#1 Tetrachloro-m-xylene

R.T.: 3.567 min
Delta R.T.: 0.001 min
Response: 132327
Conc: 3.72 ng/ml



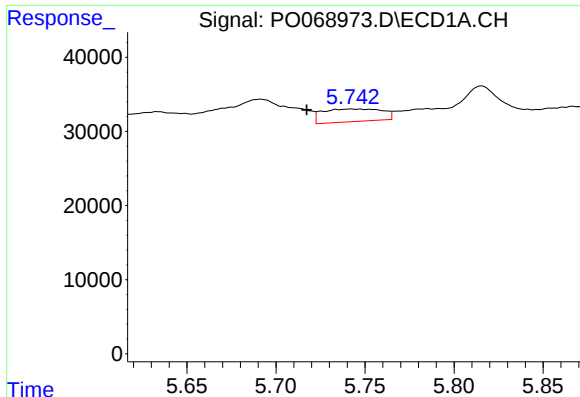
#2 Decachlorobiphenyl

R.T.: 10.078 min
Delta R.T.: -0.001 min
Response: 144042
Conc: 3.21 ng/ml



#2 Decachlorobiphenyl

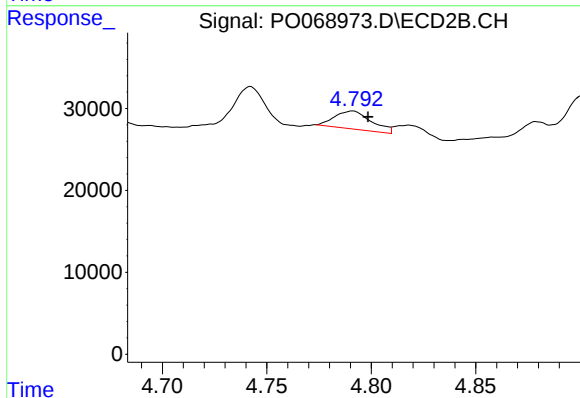
R.T.: 8.779 min
Delta R.T.: 0.004 min
Response: 145545
Conc: 2.84 ng/ml



#3 AR-1016-1

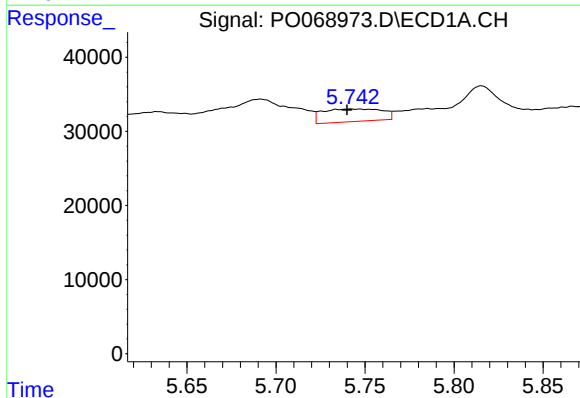
R.T.: 5.742 min
Delta R.T.: 0.025 min
Response: 39864
Conc: 30.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



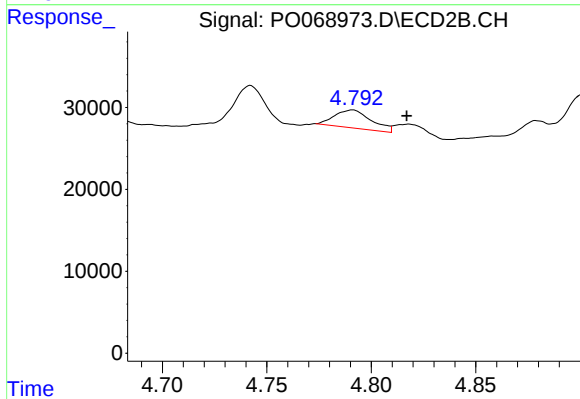
#3 AR-1016-1

R.T.: 4.791 min
Delta R.T.: -0.008 min
Response: 26964
Conc: 19.37 ng/ml



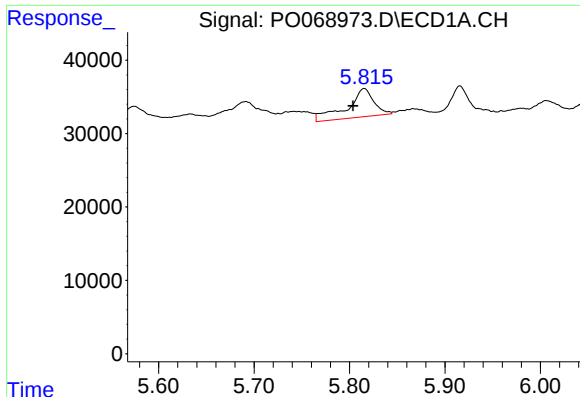
#4 AR-1016-2

R.T.: 5.742 min
Delta R.T.: 0.002 min
Response: 39864
Conc: 21.94 ng/ml



#4 AR-1016-2

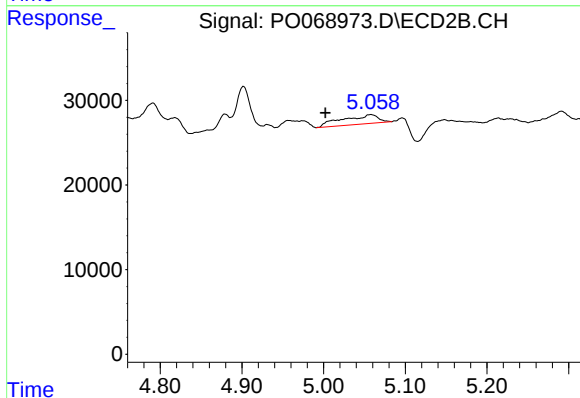
R.T.: 4.791 min
Delta R.T.: -0.026 min
Response: 26964
Conc: 13.77 ng/ml



#5 AR-1016-3

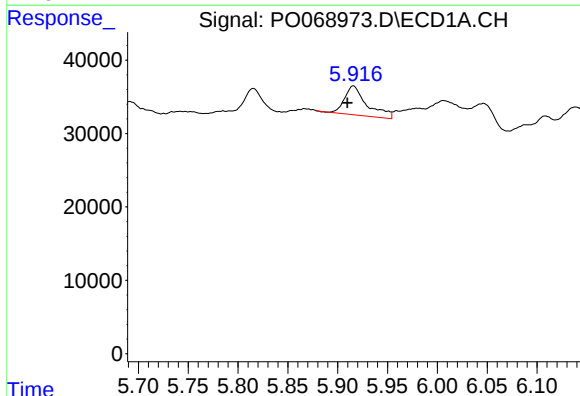
R.T.: 5.815 min
Delta R.T.: 0.012 min
Response: 75728
Conc: 66.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



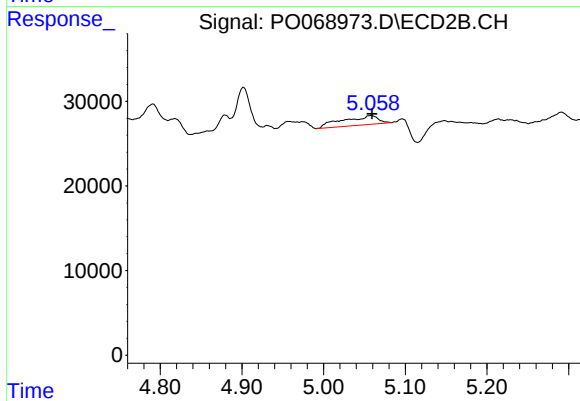
#5 AR-1016-3

R.T.: 5.058 min
Delta R.T.: 0.055 min
Response: 33127
Conc: 32.13 ng/ml



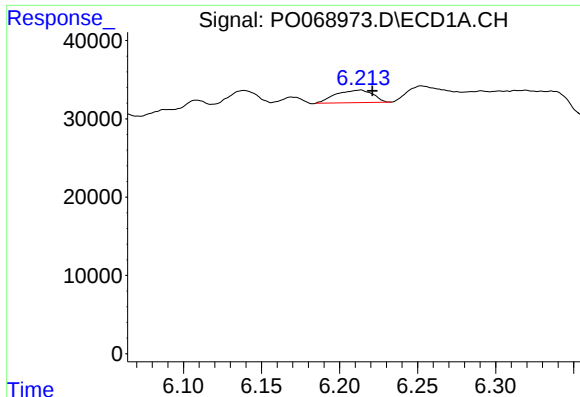
#6 AR-1016-4

R.T.: 5.916 min
Delta R.T.: 0.006 min
Response: 61482
Conc: 66.61 ng/ml



#6 AR-1016-4

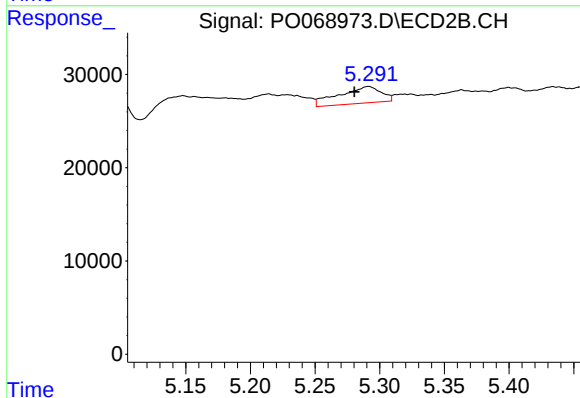
R.T.: 5.058 min
Delta R.T.: -0.001 min
Response: 33127
Conc: 38.58 ng/ml



#7 AR-1016-5

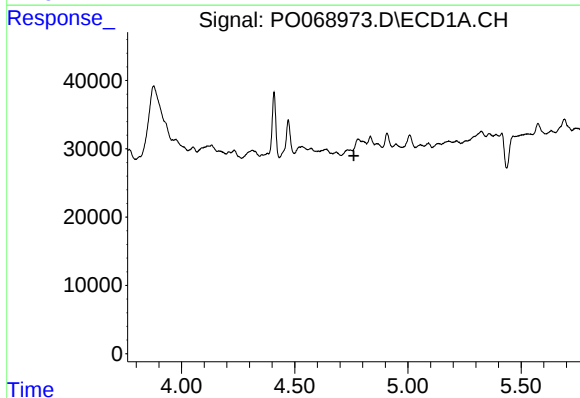
R.T.: 6.213 min
Delta R.T.: -0.008 min
Response: 26475
Conc: 27.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



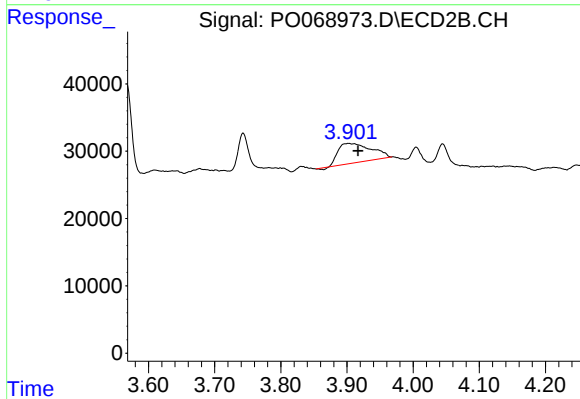
#7 AR-1016-5

R.T.: 5.291 min
Delta R.T.: 0.011 min
Response: 40708
Conc: 38.65 ng/ml



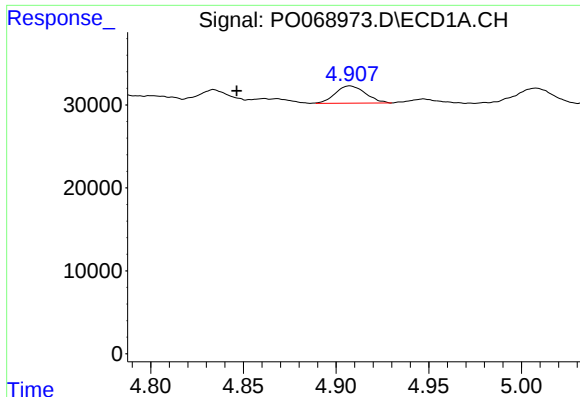
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.761 min
Response: 0
Conc: N.D.



#9 AR-1221-2

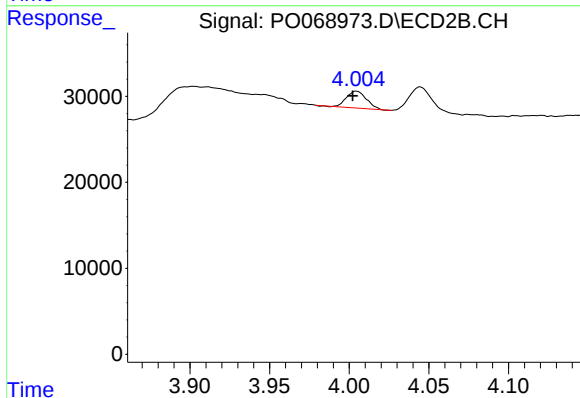
R.T.: 3.902 min
Delta R.T.: -0.015 min
Response: 100043
Conc: 325.75 ng/ml



#10 AR-1221-3

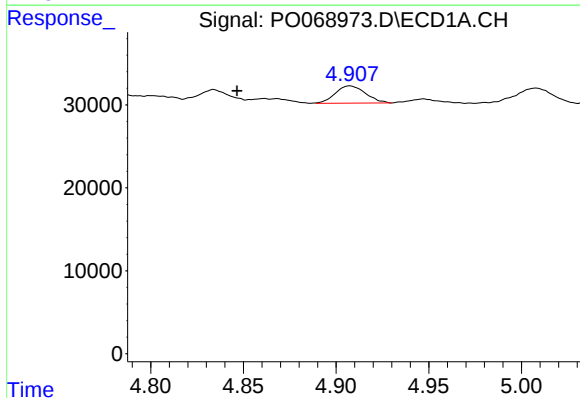
R.T.: 4.907 min
Delta R.T.: 0.061 min
Response: 23574
Conc: 28.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



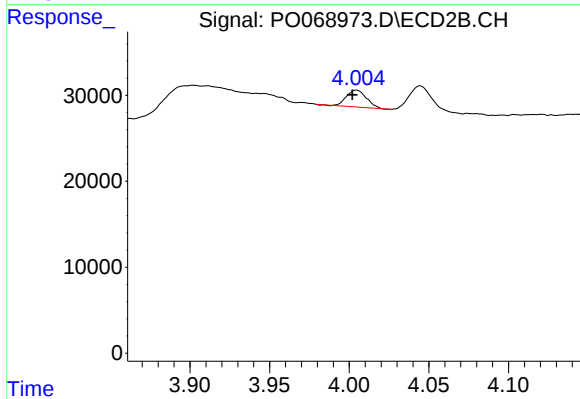
#10 AR-1221-3

R.T.: 4.004 min
Delta R.T.: 0.002 min
Response: 17163
Conc: 17.65 ng/ml



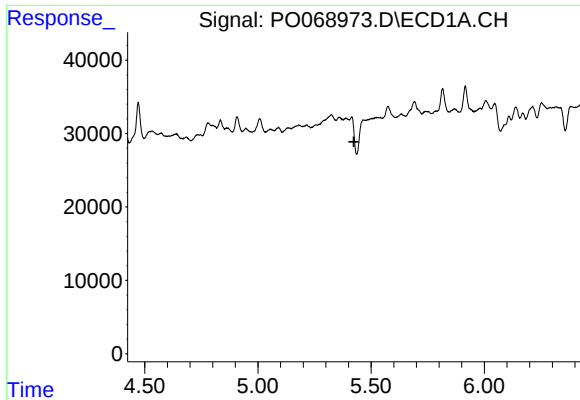
#11 AR-1232-1

R.T.: 4.907 min
Delta R.T.: 0.061 min
Response: 23574
Conc: 33.67 ng/ml



#11 AR-1232-1

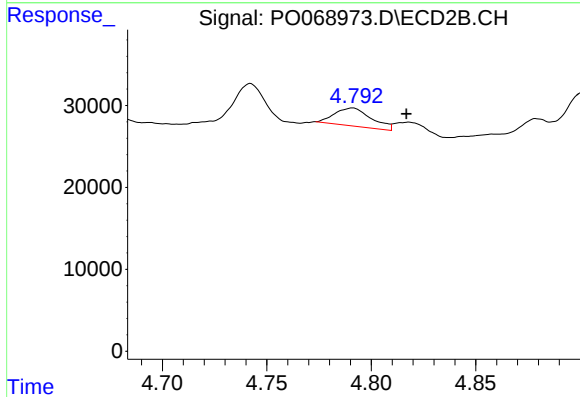
R.T.: 4.004 min
Delta R.T.: 0.002 min
Response: 17163
Conc: 21.41 ng/ml



#12 AR-1232-2

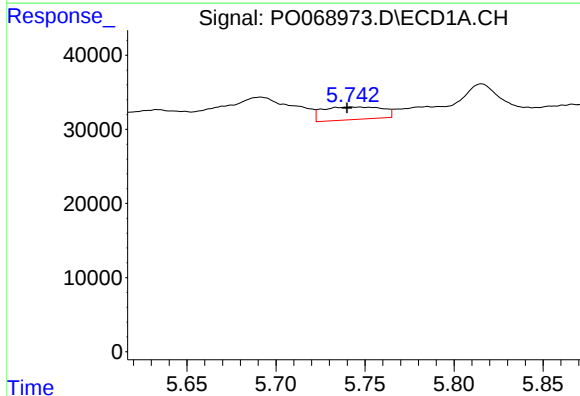
R.T.: 0.000 min
Exp R.T.: 5.424 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



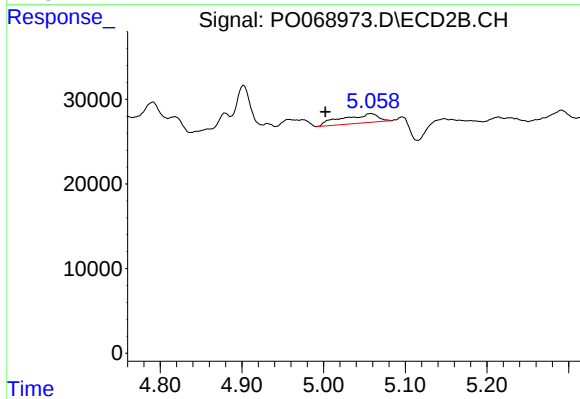
#12 AR-1232-2

R.T.: 4.791 min
Delta R.T.: -0.026 min
Response: 26964
Conc: 31.85 ng/ml



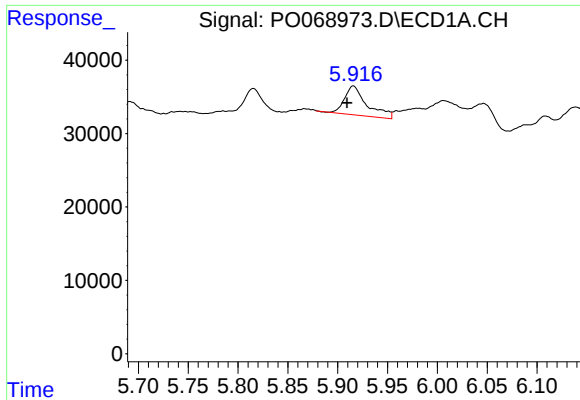
#13 AR-1232-3

R.T.: 5.742 min
Delta R.T.: 0.002 min
Response: 39864
Conc: 49.49 ng/ml



#13 AR-1232-3

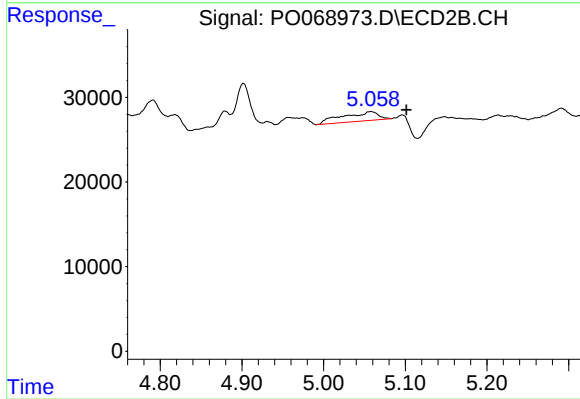
R.T.: 5.058 min
Delta R.T.: 0.056 min
Response: 33127
Conc: 75.90 ng/ml



#14 AR-1232-4

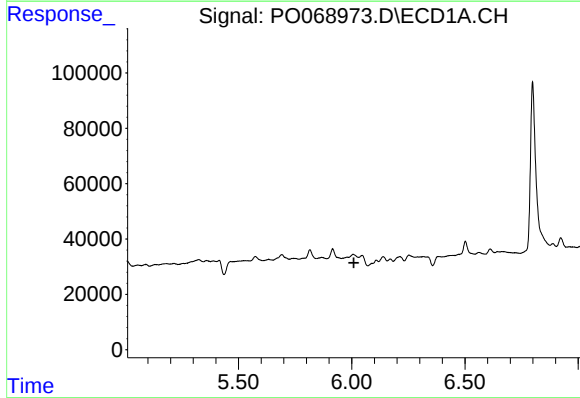
R.T.: 5.916 min
Delta R.T.: 0.006 min
Response: 61482
Conc: 151.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



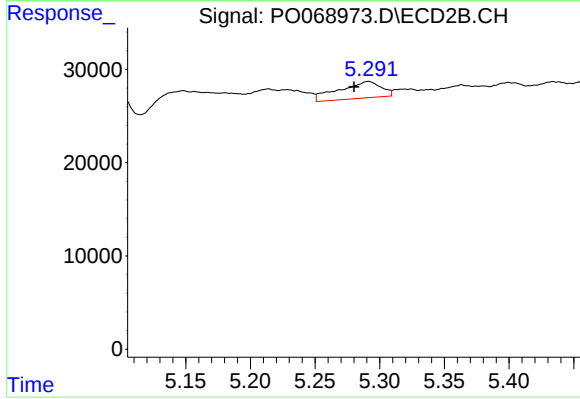
#14 AR-1232-4

R.T.: 5.058 min
Delta R.T.: -0.043 min
Response: 33127
Conc: 91.93 ng/ml



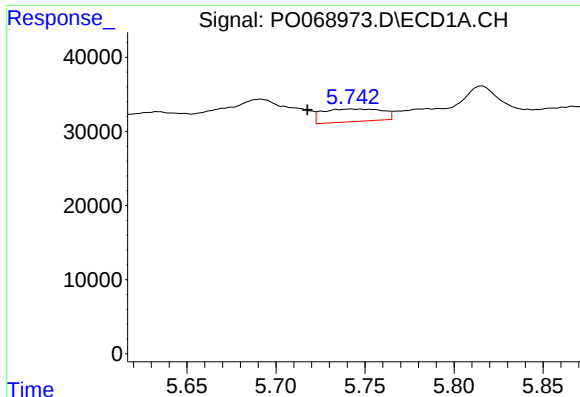
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 6.009 min
Response: 0
Conc: N.D.



#15 AR-1232-5

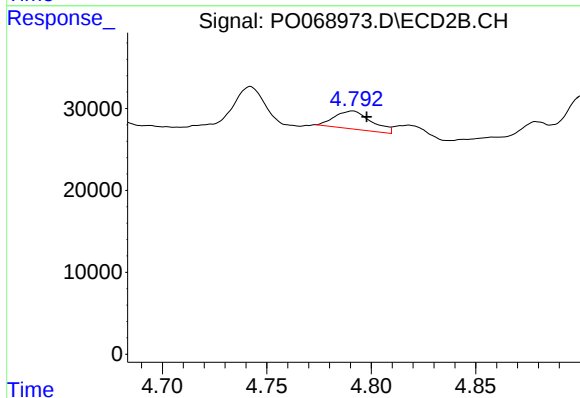
R.T.: 5.291 min
Delta R.T.: 0.011 min
Response: 40708
Conc: 97.30 ng/ml



#16 AR-1242-1

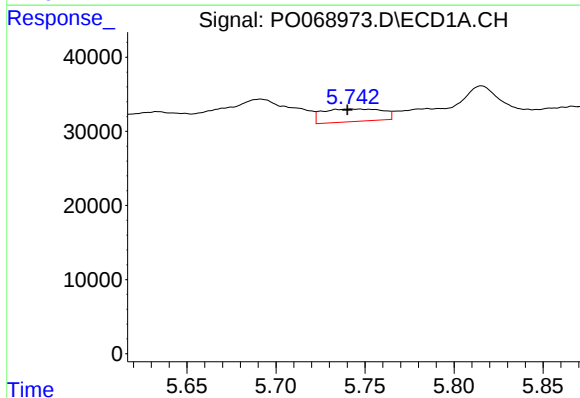
R.T.: 5.742 min
Delta R.T.: 0.024 min
Response: 39864
Conc: 39.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



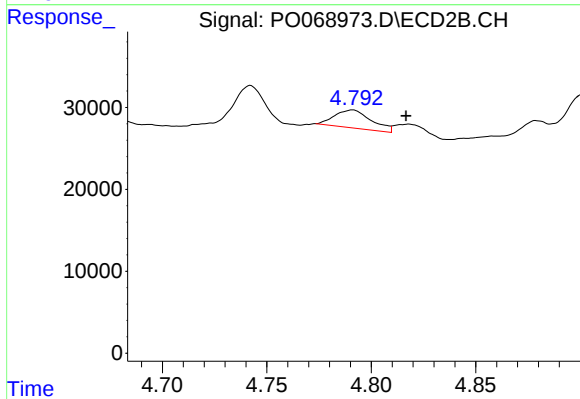
#16 AR-1242-1

R.T.: 4.791 min
Delta R.T.: -0.007 min
Response: 26964
Conc: 25.05 ng/ml



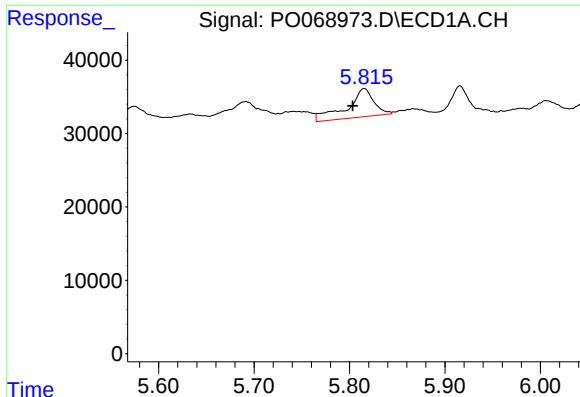
#17 AR-1242-2

R.T.: 5.742 min
Delta R.T.: 0.002 min
Response: 39864
Conc: 28.27 ng/ml



#17 AR-1242-2

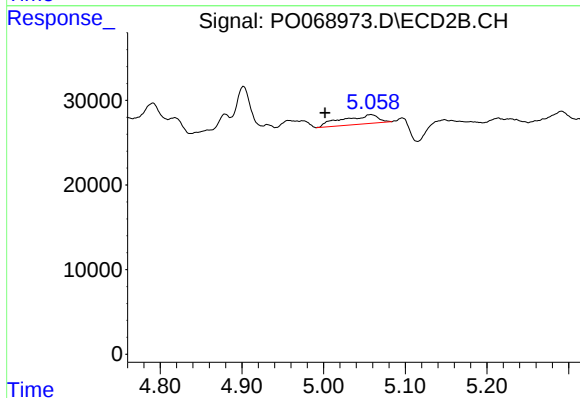
R.T.: 4.791 min
Delta R.T.: -0.026 min
Response: 26964
Conc: 17.67 ng/ml



#18 AR-1242-3

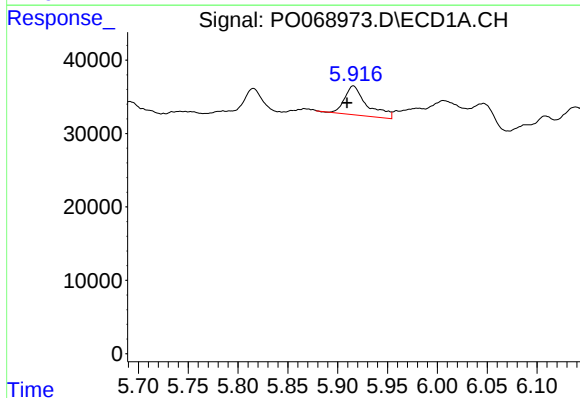
R.T.: 5.815 min
Delta R.T.: 0.012 min
Response: 75728
Conc: 85.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



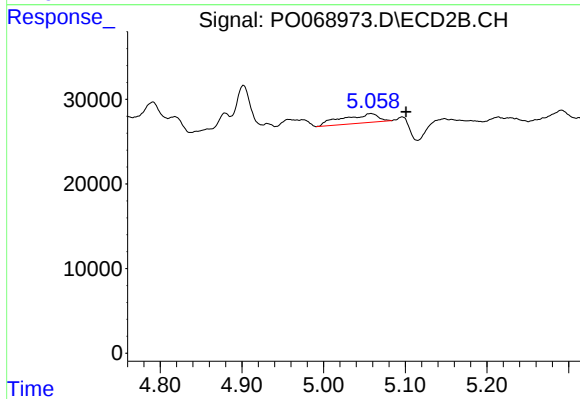
#18 AR-1242-3

R.T.: 5.058 min
Delta R.T.: 0.056 min
Response: 33127
Conc: 41.47 ng/ml



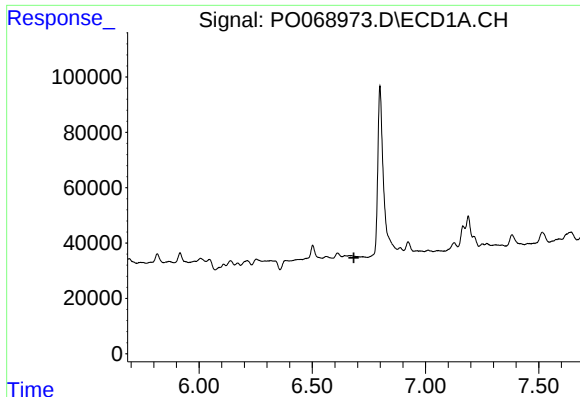
#19 AR-1242-4

R.T.: 5.916 min
Delta R.T.: 0.006 min
Response: 61482
Conc: 83.25 ng/ml



#19 AR-1242-4

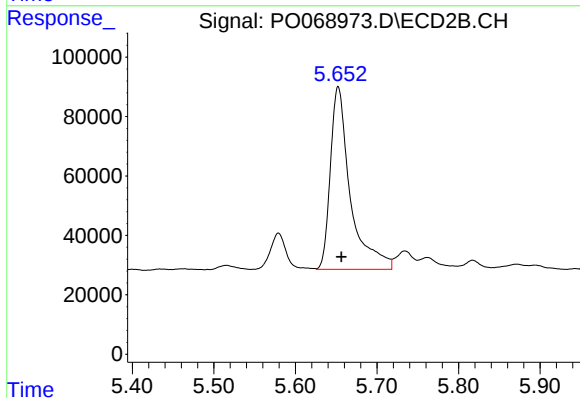
R.T.: 5.058 min
Delta R.T.: -0.043 min
Response: 33127
Conc: 45.25 ng/ml



#20 AR-1242-5

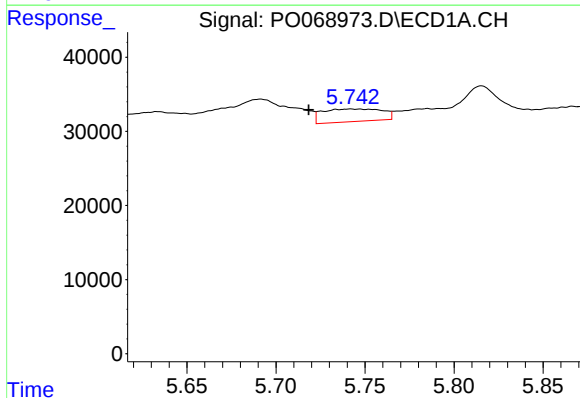
R.T.: 0.000 min
Exp R.T.: 6.683 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



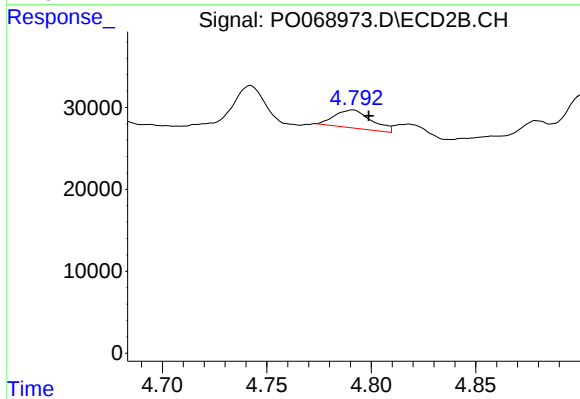
#20 AR-1242-5

R.T.: 5.652 min
Delta R.T.: -0.004 min
Response: 1044677
Conc: 999.66 ng/ml



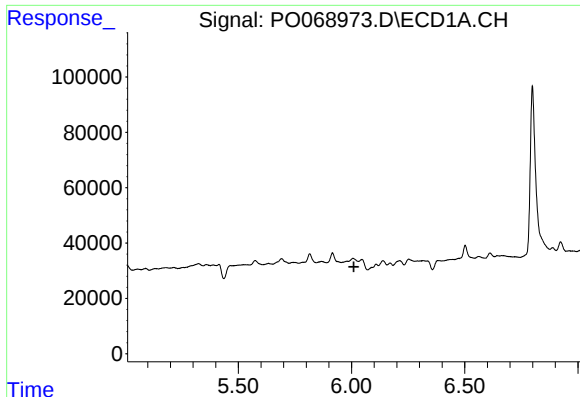
#21 AR-1248-1

R.T.: 5.742 min
Delta R.T.: 0.023 min
Response: 39864
Conc: 50.67 ng/ml



#21 AR-1248-1

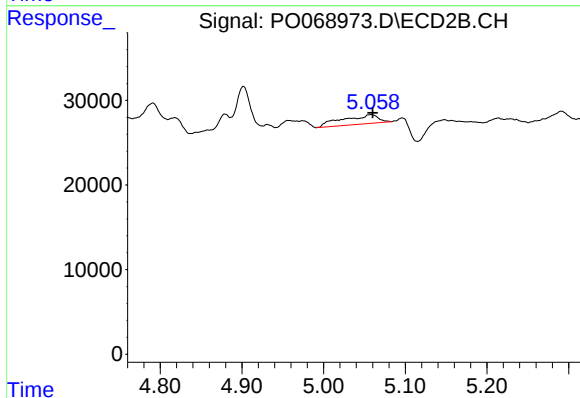
R.T.: 4.791 min
Delta R.T.: -0.008 min
Response: 26964
Conc: 32.84 ng/ml



#22 AR-1248-2

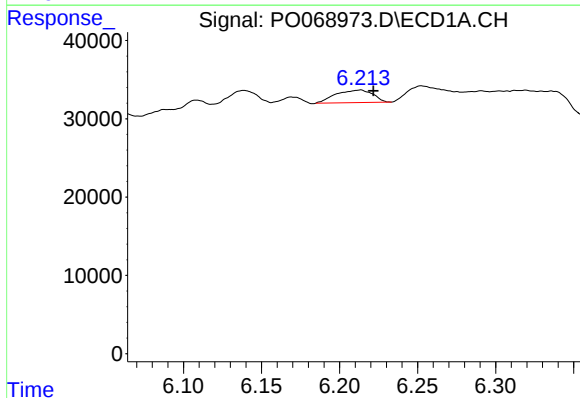
R.T.: 0.000 min
Exp R.T.: 6.010 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



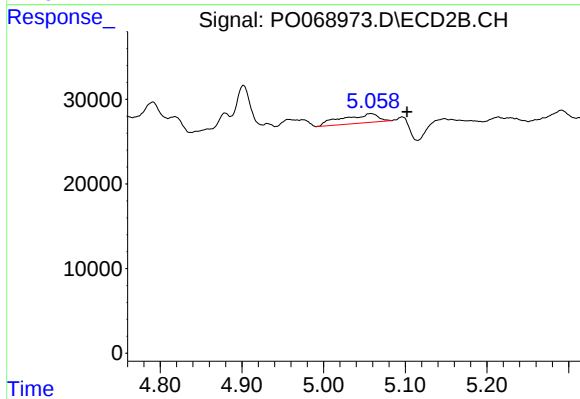
#22 AR-1248-2

R.T.: 5.058 min
Delta R.T.: -0.002 min
Response: 33127
Conc: 28.68 ng/ml



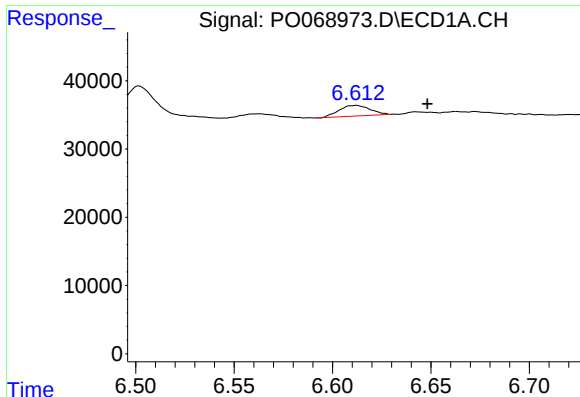
#23 AR-1248-3

R.T.: 6.213 min
Delta R.T.: -0.009 min
Response: 26475
Conc: 21.47 ng/ml



#23 AR-1248-3

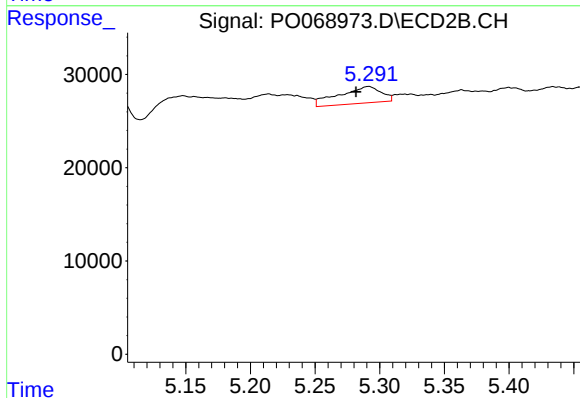
R.T.: 5.058 min
Delta R.T.: -0.044 min
Response: 33127
Conc: 30.78 ng/ml



#24 AR-1248-4

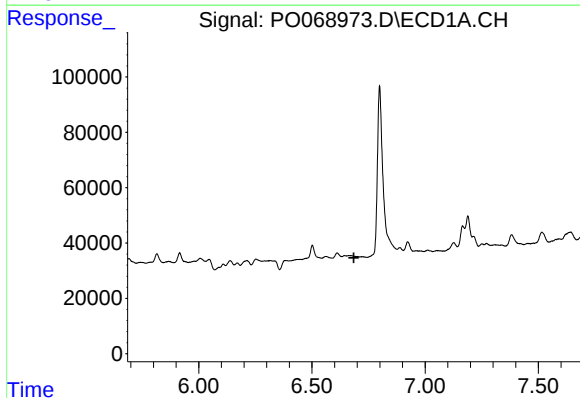
R.T.: 6.612 min
Delta R.T.: -0.037 min
Response: 17228
Conc: 11.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



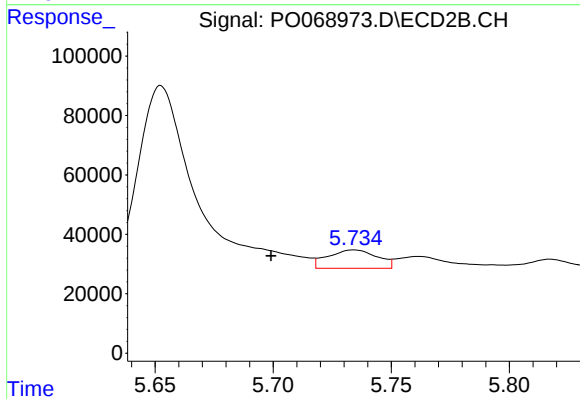
#24 AR-1248-4

R.T.: 5.291 min
Delta R.T.: 0.010 min
Response: 40708
Conc: 29.33 ng/ml



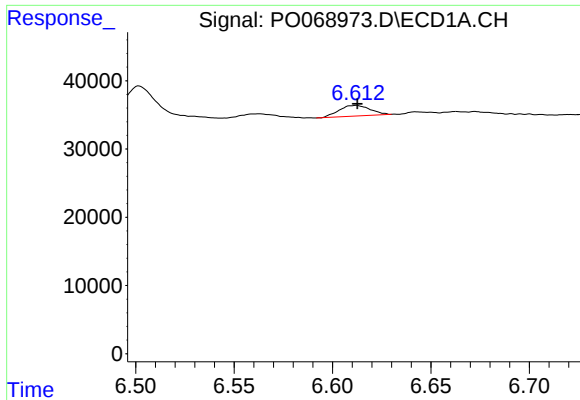
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.685 min
Response: 0
Conc: N.D.



#25 AR-1248-5

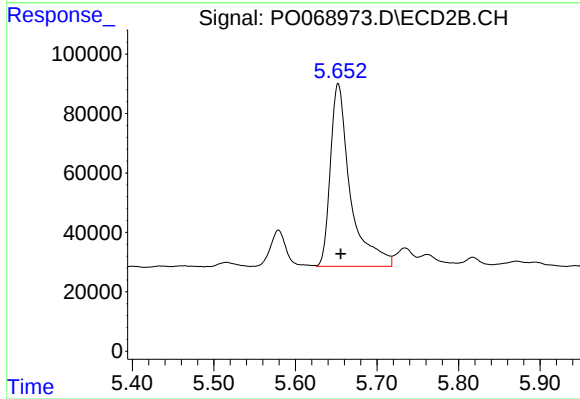
R.T.: 5.734 min
Delta R.T.: 0.035 min
Response: 89688
Conc: 62.75 ng/ml



#26 AR-1254-1

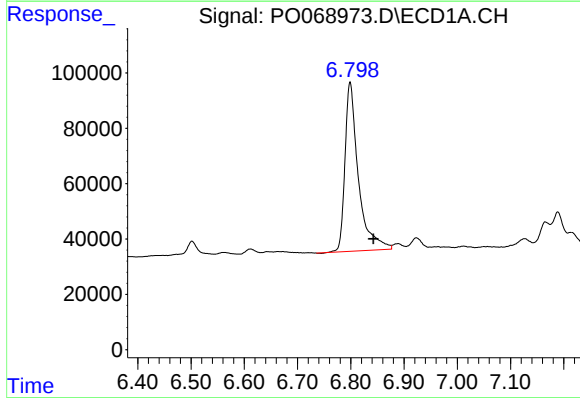
R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 17228
Conc: 11.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



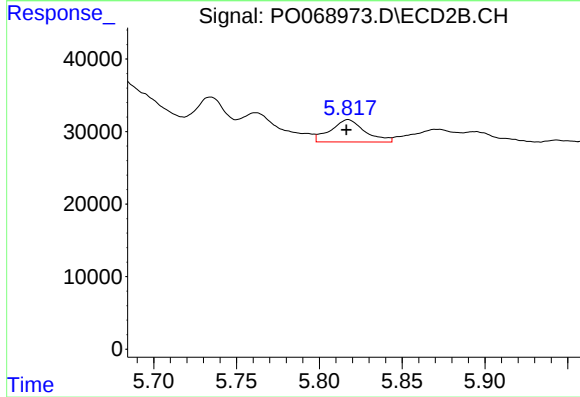
#26 AR-1254-1

R.T.: 5.652 min
Delta R.T.: -0.003 min
Response: 1044677
Conc: 461.43 ng/ml



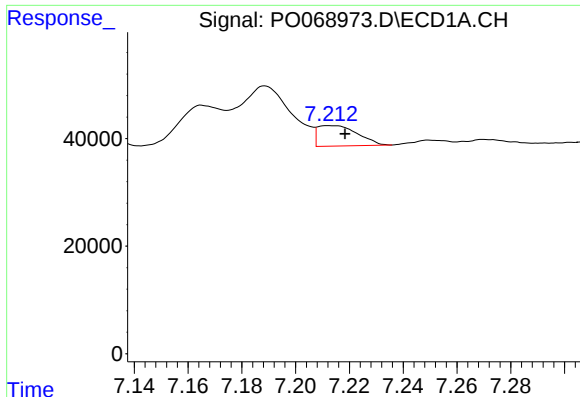
#27 AR-1254-2

R.T.: 6.799 min
Delta R.T.: -0.044 min
Response: 1067235
Conc: 458.19 ng/ml



#27 AR-1254-2

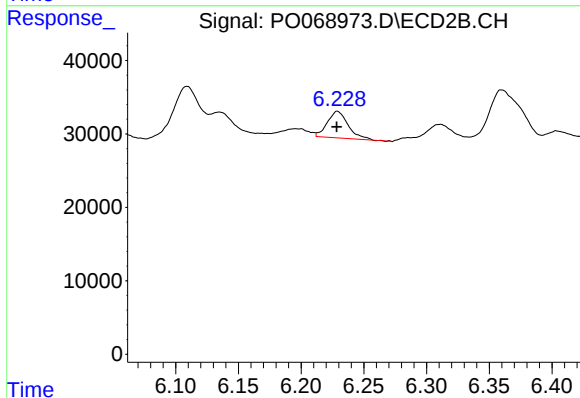
R.T.: 5.817 min
Delta R.T.: 0.001 min
Response: 44329
Conc: 22.12 ng/ml



#28 AR-1254-3

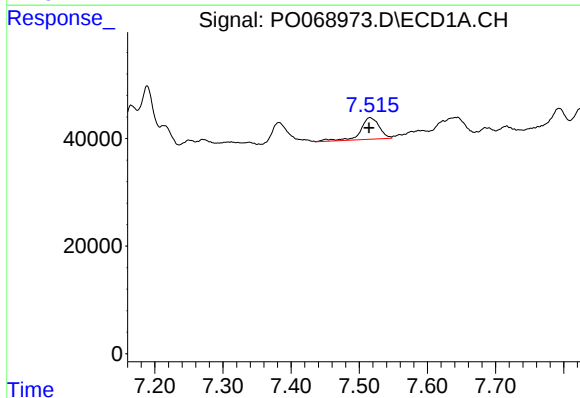
R.T.: 7.213 min
Delta R.T.: -0.005 min
Response: 38988
Conc: 15.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



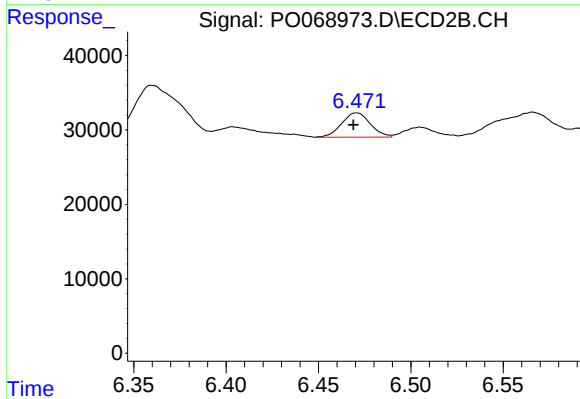
#28 AR-1254-3

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 41917
Conc: 12.66 ng/ml



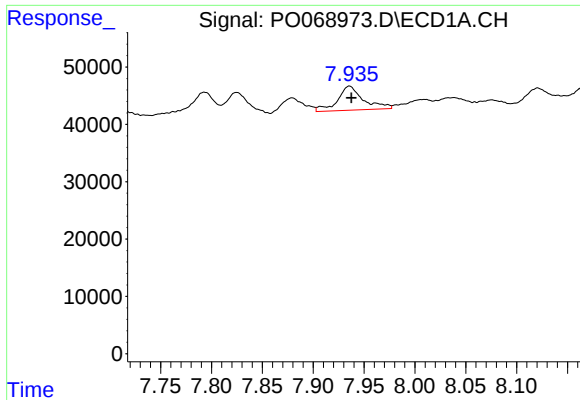
#29 AR-1254-4

R.T.: 7.516 min
Delta R.T.: 0.002 min
Response: 77780
Conc: 38.32 ng/ml



#29 AR-1254-4

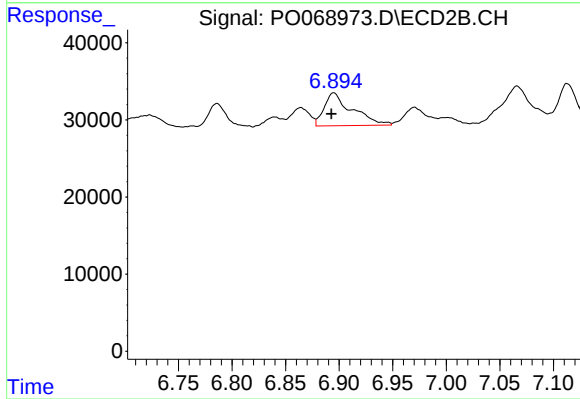
R.T.: 6.471 min
Delta R.T.: 0.002 min
Response: 35276
Conc: 15.83 ng/ml



#30 AR-1254-5

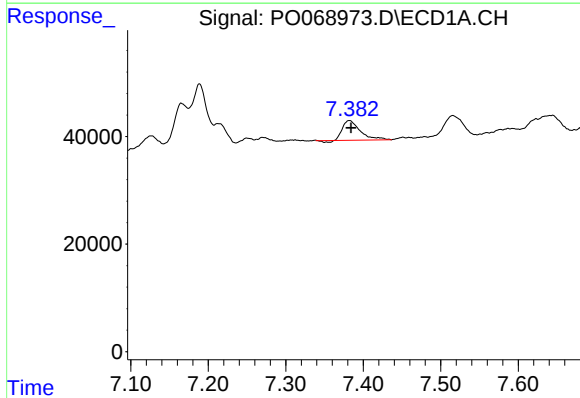
R.T.: 7.936 min
Delta R.T.: -0.002 min
Response: 73921
Conc: 34.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



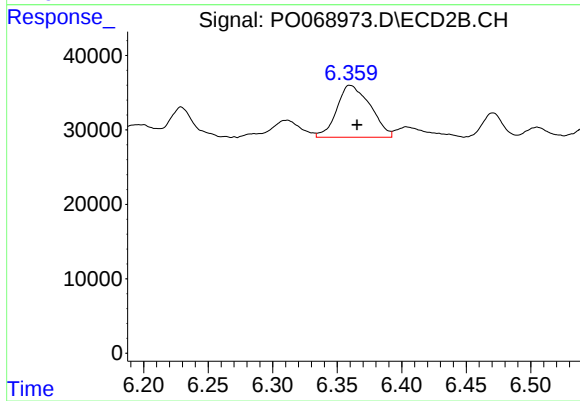
#30 AR-1254-5

R.T.: 6.895 min
Delta R.T.: 0.002 min
Response: 77815
Conc: 24.19 ng/ml



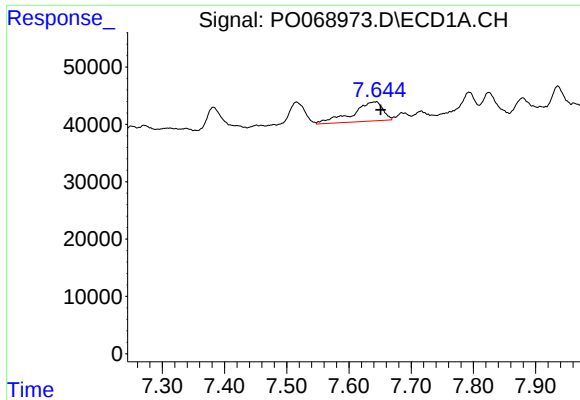
#31 AR-1260-1

R.T.: 7.382 min
Delta R.T.: -0.002 min
Response: 57633
Conc: 31.89 ng/ml



#31 AR-1260-1

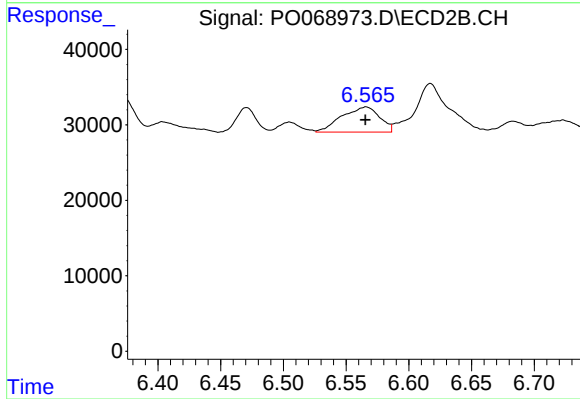
R.T.: 6.360 min
Delta R.T.: -0.005 min
Response: 126392
Conc: 60.15 ng/ml



#32 AR-1260-2

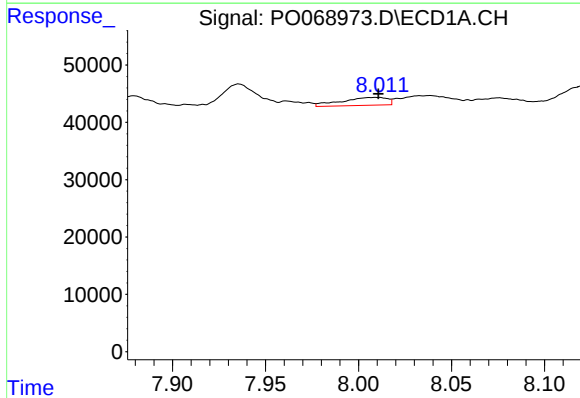
R.T.: 7.644 min
Delta R.T.: -0.007 min
Response: 114486
Conc: 51.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



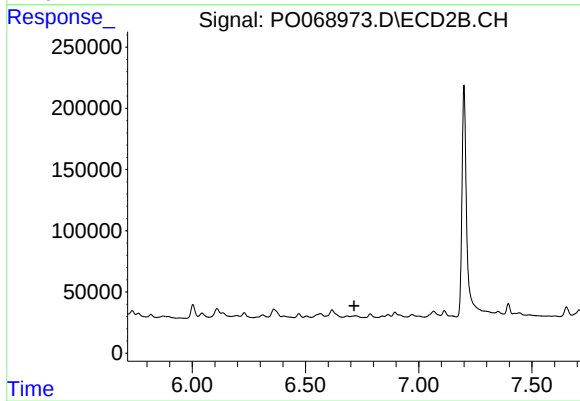
#32 AR-1260-2

R.T.: 6.566 min
Delta R.T.: 0.000 min
Response: 70182
Conc: 25.79 ng/ml



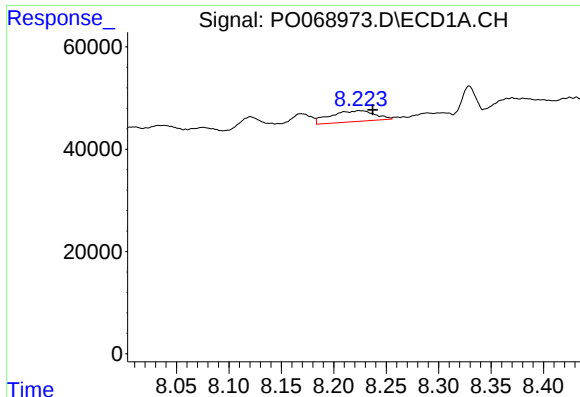
#33 AR-1260-3

R.T.: 8.010 min
Delta R.T.: 0.000 min
Response: 23578
Conc: 13.57 ng/ml



#33 AR-1260-3

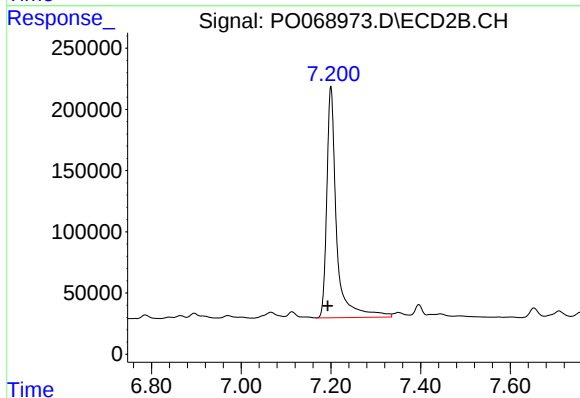
R.T.: 0.000 min
Exp R.T. : 6.714 min
Response: 0
Conc: N.D.



#34 AR-1260-4

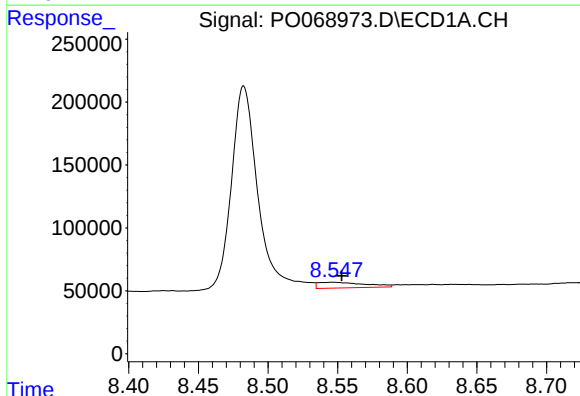
R.T.: 8.224 min
Delta R.T.: -0.013 min
Response: 62732
Conc: 30.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



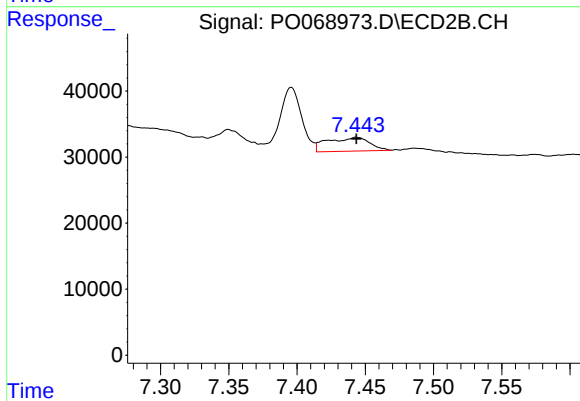
#34 AR-1260-4

R.T.: 7.200 min
Delta R.T.: 0.007 min
Response: 2869429
Conc: 1344.61 ng/ml



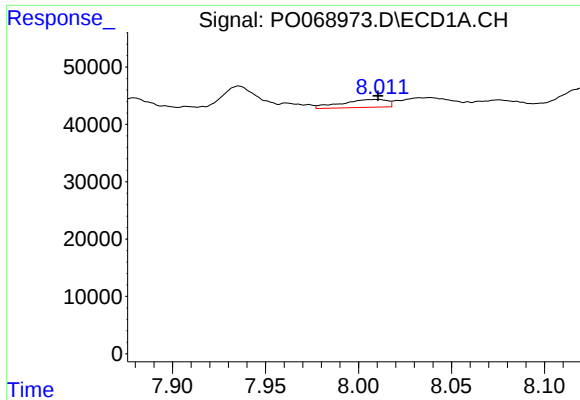
#35 AR-1260-5

R.T.: 8.547 min
Delta R.T.: -0.006 min
Response: 106235
Conc: 23.85 ng/ml



#35 AR-1260-5

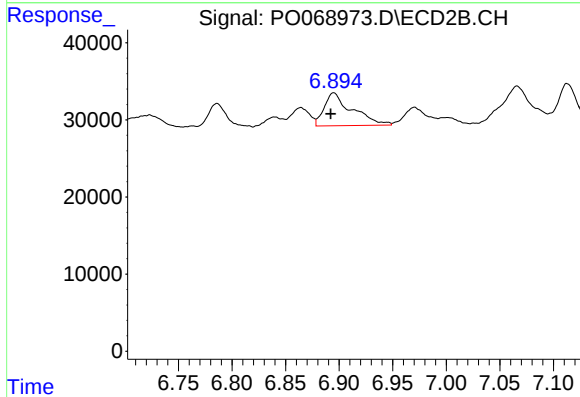
R.T.: 7.444 min
Delta R.T.: 0.000 min
Response: 44726
Conc: 7.74 ng/ml



#36 AR-1262-1

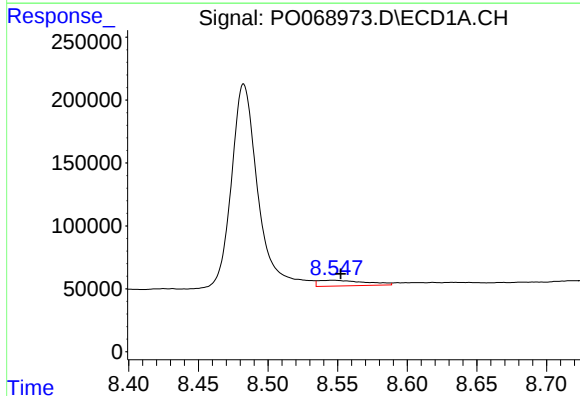
R.T.: 8.010 min
Delta R.T.: 0.000 min
Response: 23578
Conc: 9.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



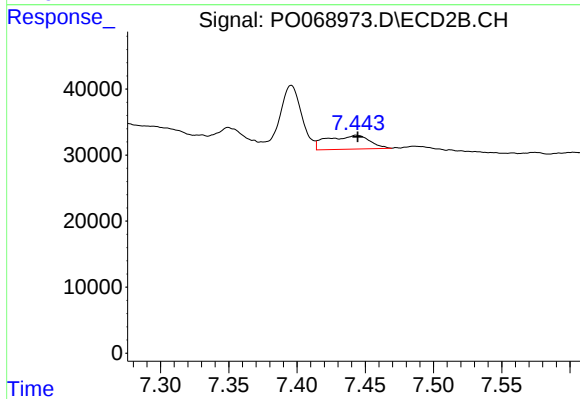
#36 AR-1262-1

R.T.: 6.895 min
Delta R.T.: 0.003 min
Response: 77815
Conc: 45.46 ng/ml



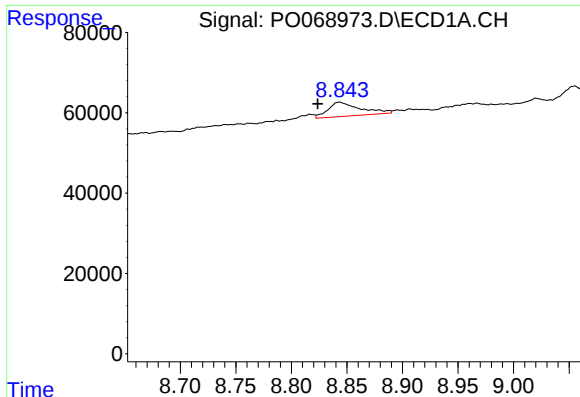
#37 AR-1262-2

R.T.: 8.547 min
Delta R.T.: -0.005 min
Response: 106235
Conc: 21.54 ng/ml



#37 AR-1262-2

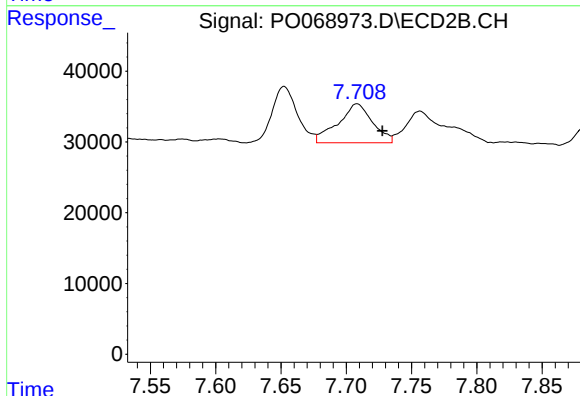
R.T.: 7.444 min
Delta R.T.: 0.000 min
Response: 44726
Conc: 7.04 ng/ml



#38 AR-1262-3

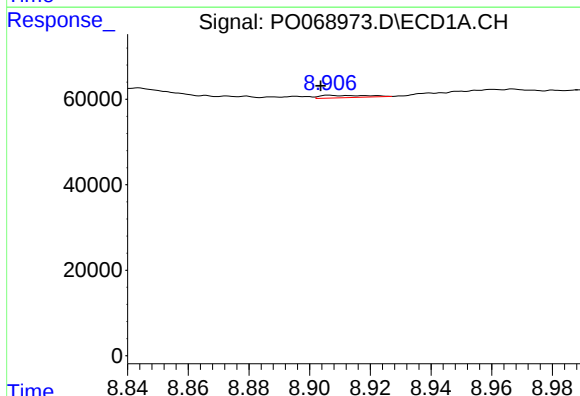
R.T.: 8.843 min
Delta R.T.: 0.020 min
Response: 71893
Conc: 32.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



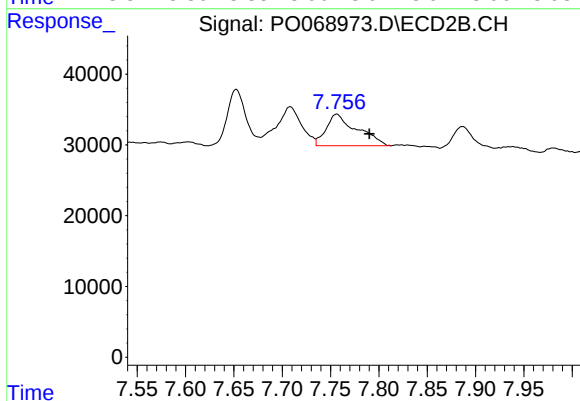
#38 AR-1262-3

R.T.: 7.708 min
Delta R.T.: -0.020 min
Response: 101378
Conc: 40.80 ng/ml



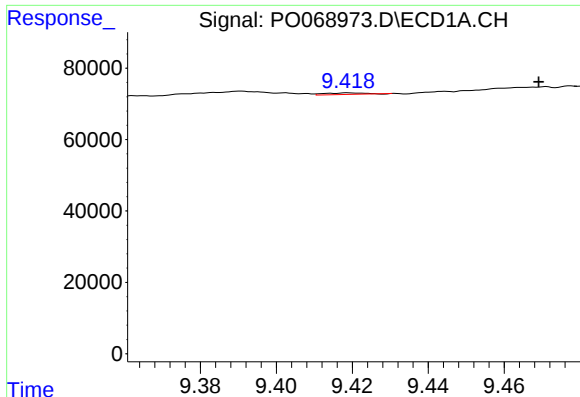
#39 AR-1262-4

R.T.: 8.907 min
Delta R.T.: 0.003 min
Response: 5796
Conc: 4.11 ng/ml



#39 AR-1262-4

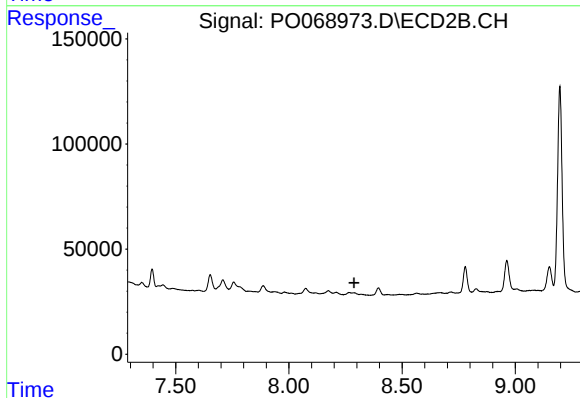
R.T.: 7.756 min
Delta R.T.: -0.034 min
Response: 98798
Conc: 20.58 ng/ml



#40 AR-1262-5

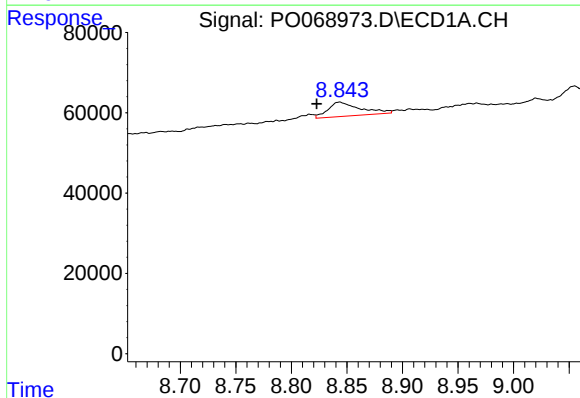
R.T.: 9.419 min
Delta R.T.: -0.050 min
Response: 6369
Conc: 3.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



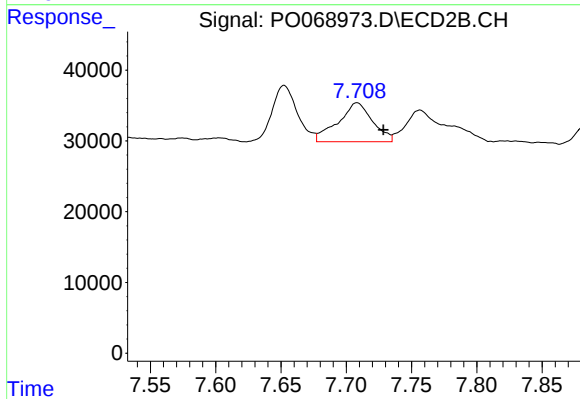
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.287 min
Response: 0
Conc: N.D.



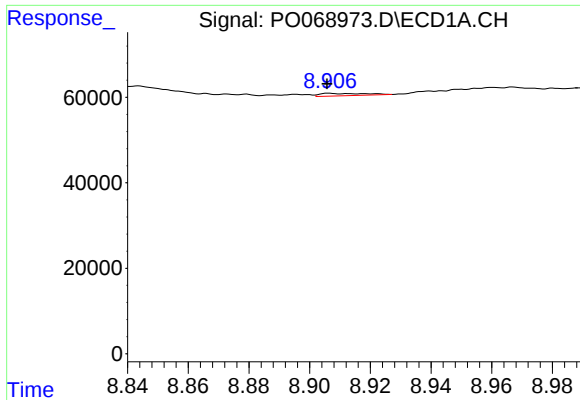
#41 AR-1268-1

R.T.: 8.843 min
Delta R.T.: 0.021 min
Response: 71893
Conc: 11.77 ng/ml



#41 AR-1268-1

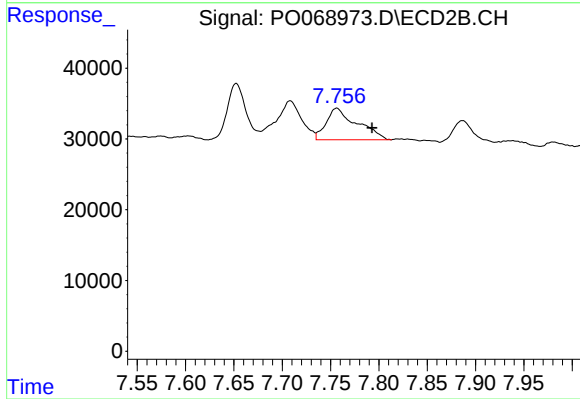
R.T.: 7.708 min
Delta R.T.: -0.020 min
Response: 101378
Conc: 13.32 ng/ml



#42 AR-1268-2

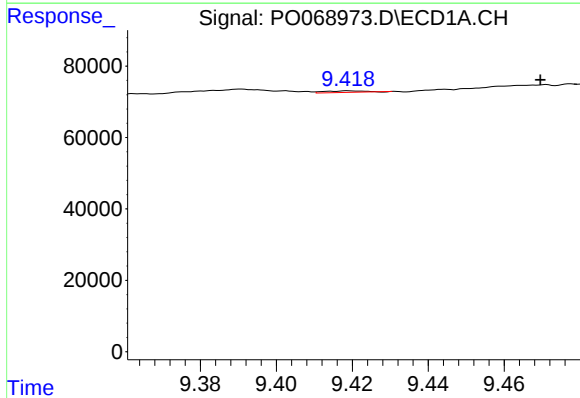
R.T.: 8.907 min
Delta R.T.: 0.001 min
Response: 5796
Conc: 1.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



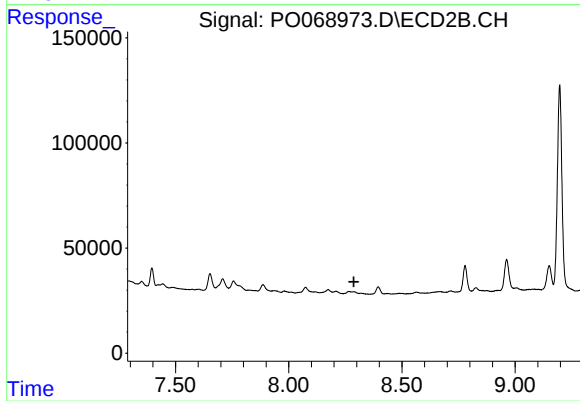
#42 AR-1268-2

R.T.: 7.756 min
Delta R.T.: -0.037 min
Response: 98798
Conc: 13.86 ng/ml



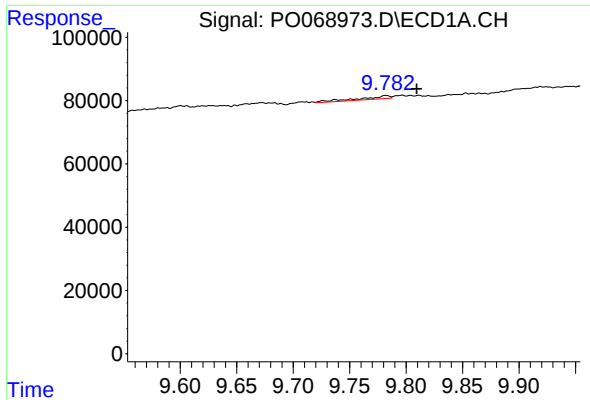
#44 AR-1268-4

R.T.: 9.419 min
Delta R.T.: -0.050 min
Response: 6369
Conc: 2.91 ng/ml



#44 AR-1268-4

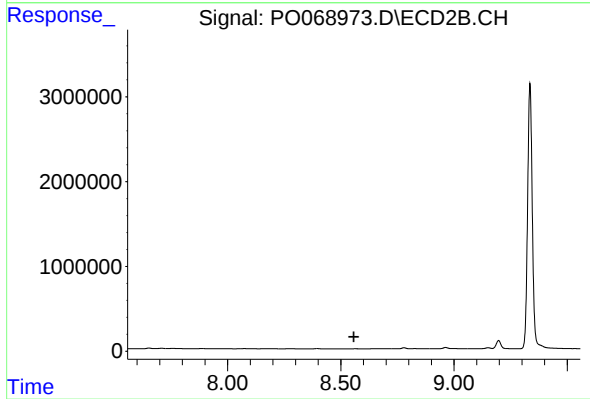
R.T.: 0.000 min
Exp R.T.: 8.288 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.782 min
Delta R.T.: -0.027 min
Response: 19010
Conc: 1.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.558 min
Response: 0
Conc: N.D.