

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070120\
 Data File : P0069351.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 01 Jul 2020 14:11
 Operator : DD\AJ
 Sample : L3162-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 01 14:51:10 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061820.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jun 29 12:05:30 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...	4.399	3.565	984830	1086780	33.290	28.236
2)	SA Decachlor...	10.062	8.776	1109469	1165082	23.359	21.403
Target Compounds							
3)	L1 AR-1016-1	5.707	4.798	467171	452874	360.957	299.581
4)	L1 AR-1016-2	5.729	4.817	655187	626671	356.988	295.554
5)	L1 AR-1016-3	5.793	5.002	391143	354424	349.698	314.533
6)	L1 AR-1016-4	5.899	5.059	330850	293457	352.834	298.584
7)	L1 AR-1016-5	6.210	5.280	355410	373115	352.638	306.531
8)	L2 AR-1221-1	0.000	3.819	0	42509	N.D.	93.454 #
9)	L2 AR-1221-2	4.768	3.923	287692	128783	1102.761	375.516 #
10)	L2 AR-1221-3	4.837	4.001	231071	297710	263.801	277.166
11)	L3 AR-1232-1	4.837	4.001	231071	297710	316.806	338.048
12)	L3 AR-1232-2	5.413	4.817	434528	626671	1049.721	684.617 #
13)	L3 AR-1232-3	5.729	5.002	655187	354424	796.855	722.828
14)	L3 AR-1232-4	5.899	5.101	330850	352642	798.323	833.705
15)	L3 AR-1232-5	5.998	5.280	240339	373115	847.285	762.837
16)	L4 AR-1242-1	5.707	4.798	467171	452874	469.654	409.400
17)	L4 AR-1242-2	5.729	4.817	655187	626671	472.397	409.651
18)	L4 AR-1242-3	5.793	5.002	391143	354424	453.473	426.038
19)	L4 AR-1242-4	5.899	5.101	330850	352642	460.582	443.924
20)	L4 AR-1242-5	6.674	5.655	92365	356418	103.510	320.270 #
21)	L5 AR-1248-1	5.707	4.798	467171	452874	599.251	523.604
22)	L5 AR-1248-2	5.998	5.059	240339	293457	235.038	243.259
23)	L5 AR-1248-3	6.210	5.101	355410	352642	287.286	311.673
24)	L5 AR-1248-4	6.636	5.280	81719	373115	54.335	258.028 #
25)	L5 AR-1248-5	6.674	5.698	92365	46995	63.784	32.484 #
26)	L6 AR-1254-1	6.603	5.655	314314	356418	214.002	151.807 #
27)	L6 AR-1254-2	6.833	5.817	360843	315122	150.152	148.229
28)	L6 AR-1254-3	7.212	6.230	947196	253820	367.574	74.472 #
29)	L6 AR-1254-4	7.502	6.470	408169	63455	190.877	27.958 #
30)	L6 AR-1254-5	7.925	6.894	961363	1161881	459.642	364.821
31)	L7 AR-1260-1	7.373	6.366	881515	728553	461.906	311.354 #
32)	L7 AR-1260-2	7.640	6.566	876733	872557	374.589	306.534
33)	L7 AR-1260-3	7.999	6.715	536194	784009	301.816	291.499
34)	L7 AR-1260-4	8.226	7.194	616302	590057	295.526	246.281
35)	L7 AR-1260-5	8.541	7.446	1233216	1311339	280.567	226.351
36)	L8 AR-1262-1	7.999	6.894	536194	1161881	211.435	663.141 #
37)	L8 AR-1262-2	8.541	7.446	1233216	1311339	256.785	216.852
38)	L8 AR-1262-3	8.812	7.728	321393	364720	151.355	146.942
39)	L8 AR-1262-4	8.892	7.788	240025	1098739	97.775	237.039 #
40)	L8 AR-1262-5	9.455	8.288	350290	374115	195.228	161.017
41)	L9 AR-1268-1	8.812	7.728	321393	364720	47.945	51.525

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 ALS Vial : 12 Sample Multiplier: 1

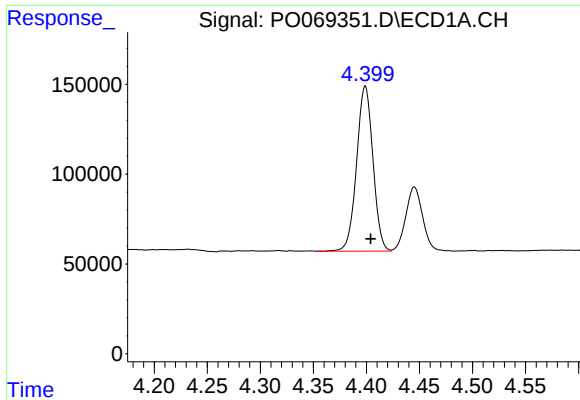
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 01 14:51:10 2020
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 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.892	7.788	240025	1098739	37.587	170.201 #
43) L9	AR-1268-3	9.080	7.996	30183	53158	5.553	9.823 #
44) L9	AR-1268-4	9.455	8.288	350290	374115	142.719	146.136
45) L9	AR-1268-5	9.792	8.558	245445	230717	13.346	13.364

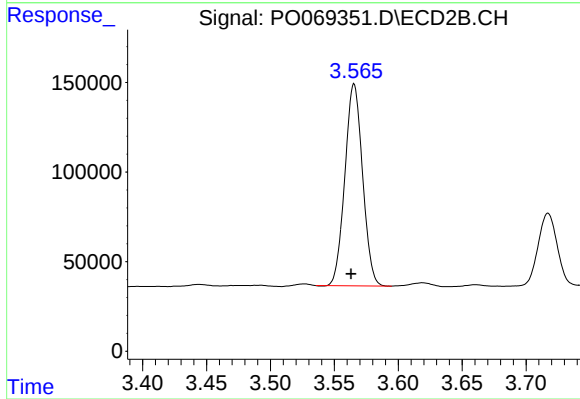
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

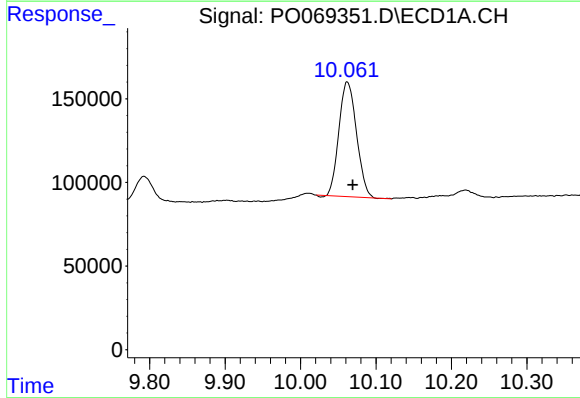
R.T.: 4.399 min
Delta R.T.: -0.005 min
Response: 984830
Conc: 33.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



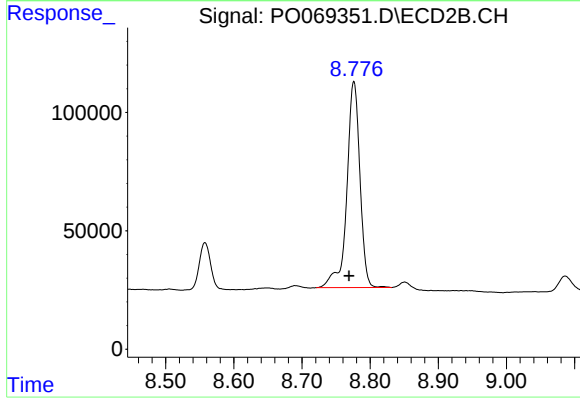
#1 Tetrachloro-m-xylene

R.T.: 3.565 min
Delta R.T.: 0.002 min
Response: 1086780
Conc: 28.24 ng/ml



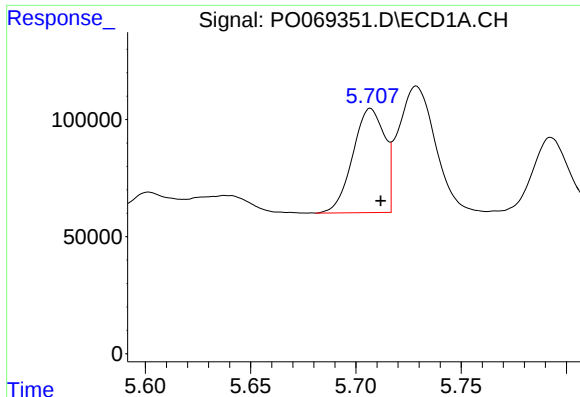
#2 Decachlorobiphenyl

R.T.: 10.062 min
Delta R.T.: -0.007 min
Response: 1109469
Conc: 23.36 ng/ml



#2 Decachlorobiphenyl

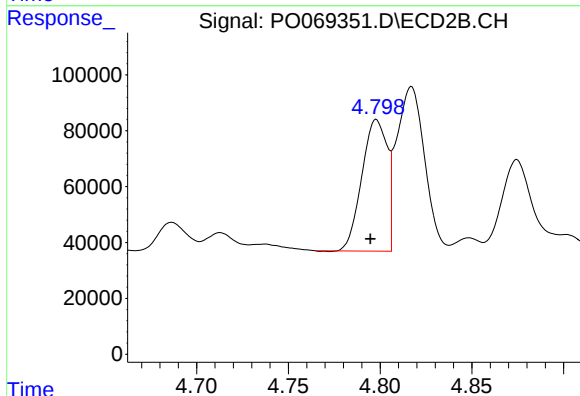
R.T.: 8.776 min
Delta R.T.: 0.007 min
Response: 1165082
Conc: 21.40 ng/ml



#3 AR-1016-1

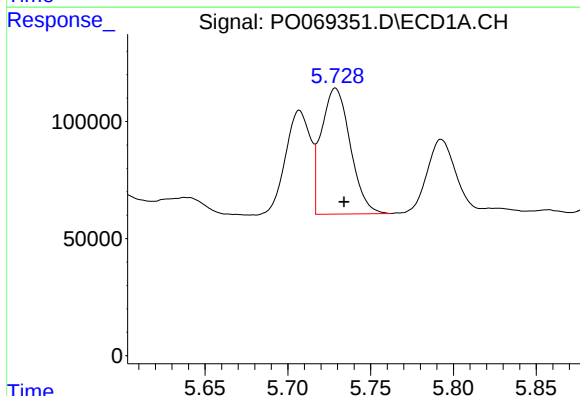
R.T.: 5.707 min
Delta R.T.: -0.005 min
Response: 467171
Conc: 360.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



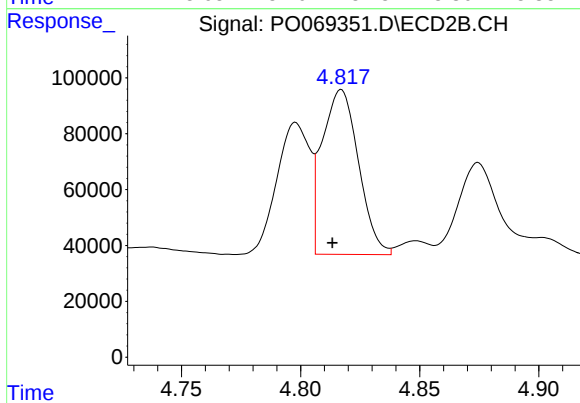
#3 AR-1016-1

R.T.: 4.798 min
Delta R.T.: 0.003 min
Response: 452874
Conc: 299.58 ng/ml



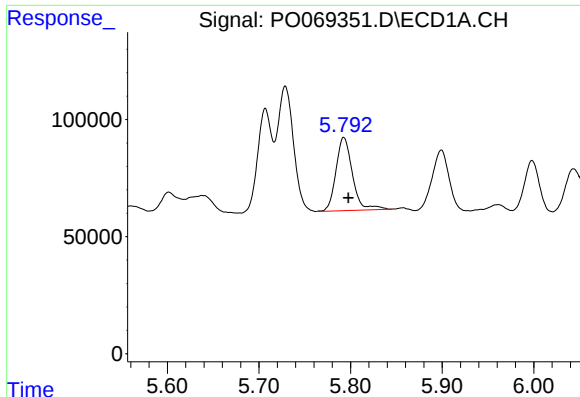
#4 AR-1016-2

R.T.: 5.729 min
Delta R.T.: -0.005 min
Response: 655187
Conc: 356.99 ng/ml



#4 AR-1016-2

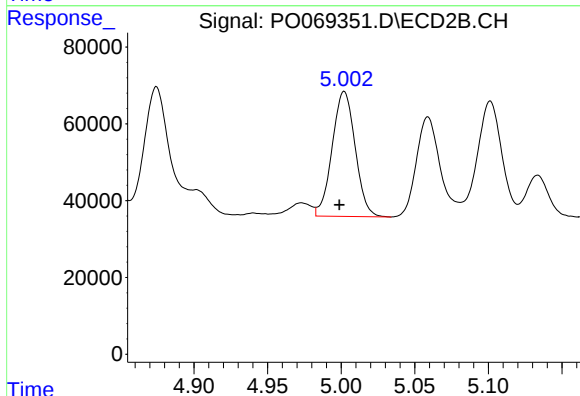
R.T.: 4.817 min
Delta R.T.: 0.004 min
Response: 626671
Conc: 295.55 ng/ml



#5 AR-1016-3

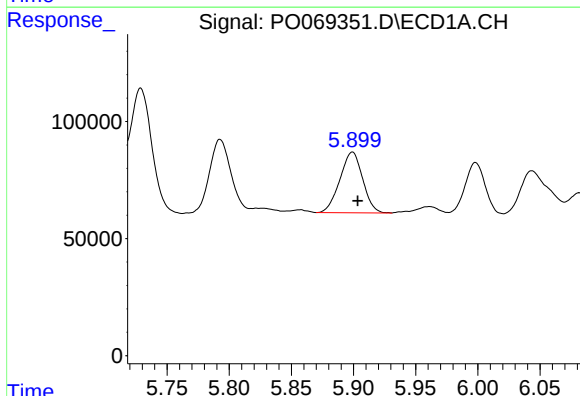
R.T.: 5.793 min
Delta R.T.: -0.005 min
Response: 391143
Conc: 349.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



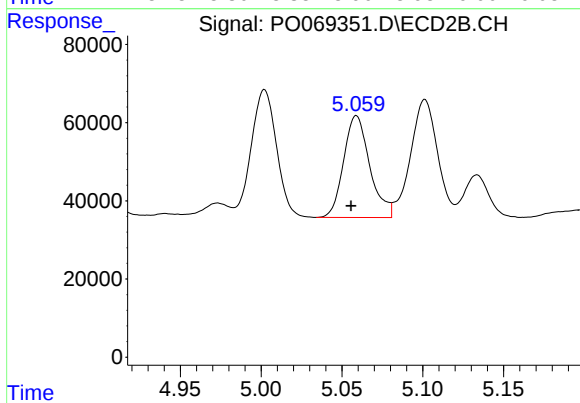
#5 AR-1016-3

R.T.: 5.002 min
Delta R.T.: 0.003 min
Response: 354424
Conc: 314.53 ng/ml



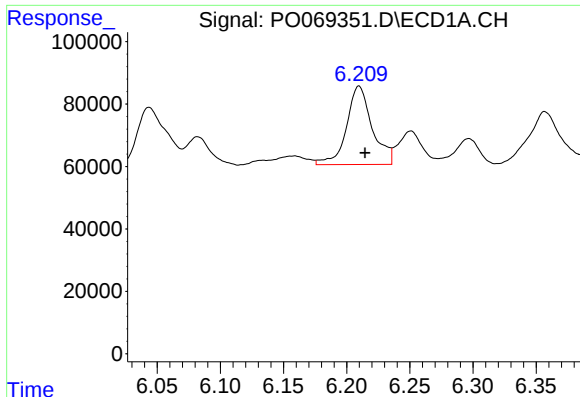
#6 AR-1016-4

R.T.: 5.899 min
Delta R.T.: -0.004 min
Response: 330850
Conc: 352.83 ng/ml



#6 AR-1016-4

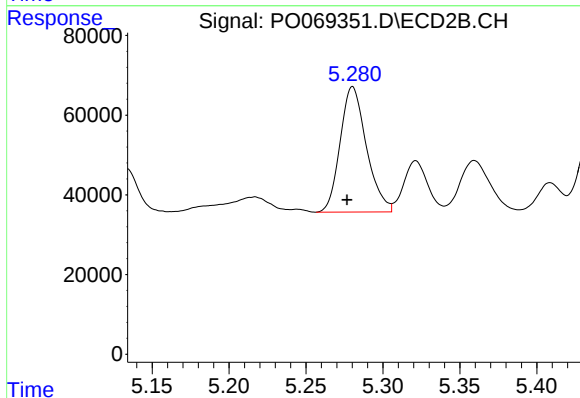
R.T.: 5.059 min
Delta R.T.: 0.003 min
Response: 293457
Conc: 298.58 ng/ml



#7 AR-1016-5

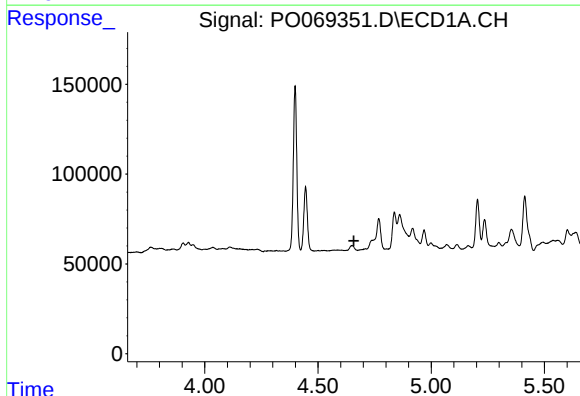
R.T.: 6.210 min
Delta R.T.: -0.005 min
Response: 355410
Conc: 352.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



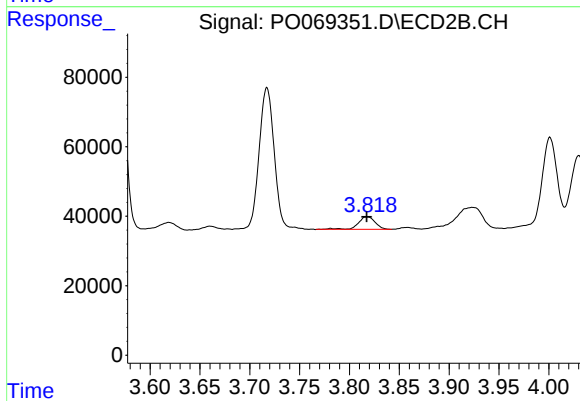
#7 AR-1016-5

R.T.: 5.280 min
Delta R.T.: 0.004 min
Response: 373115
Conc: 306.53 ng/ml



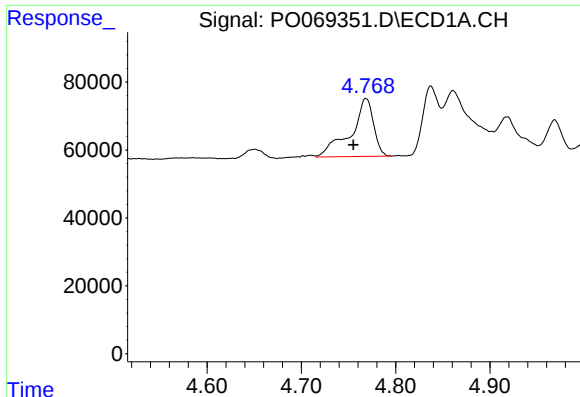
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.659 min
Response: 0
Conc: N.D.



#8 AR-1221-1

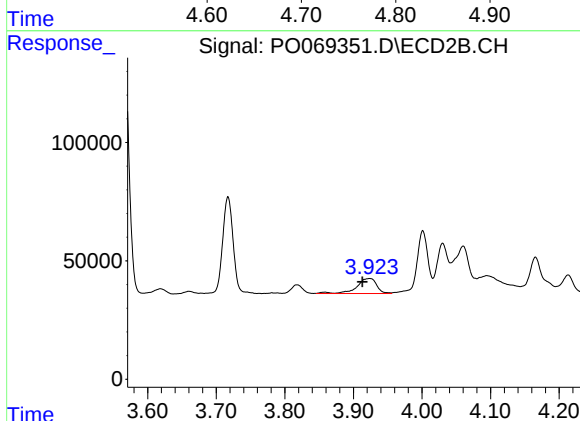
R.T.: 3.819 min
Delta R.T.: 0.001 min
Response: 42509
Conc: 93.45 ng/ml



#9 AR-1221-2

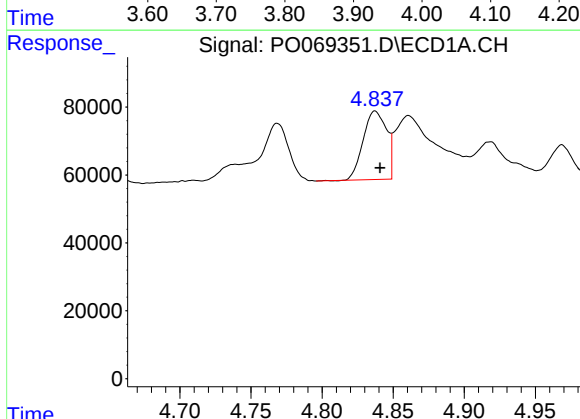
R.T.: 4.768 min
Delta R.T.: 0.013 min
Response: 287692
Conc: 1102.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



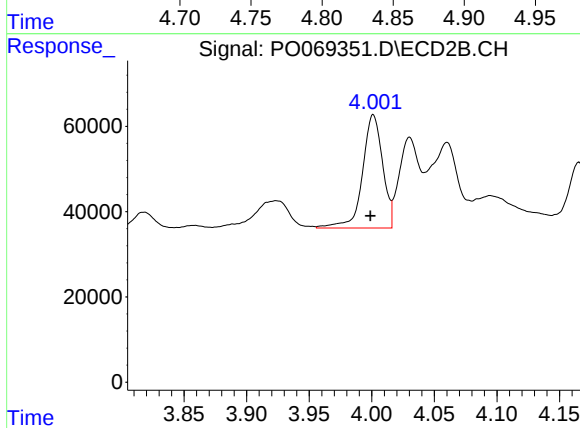
#9 AR-1221-2

R.T.: 3.923 min
Delta R.T.: 0.010 min
Response: 128783
Conc: 375.52 ng/ml



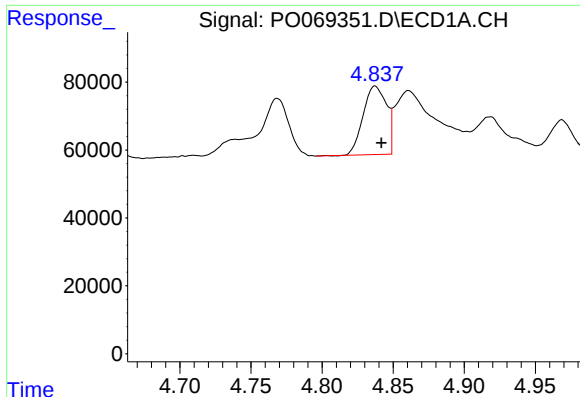
#10 AR-1221-3

R.T.: 4.837 min
Delta R.T.: -0.003 min
Response: 231071
Conc: 263.80 ng/ml



#10 AR-1221-3

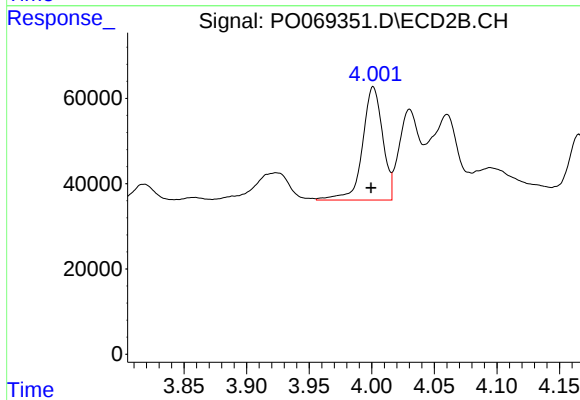
R.T.: 4.001 min
Delta R.T.: 0.002 min
Response: 297710
Conc: 277.17 ng/ml



#11 AR-1232-1

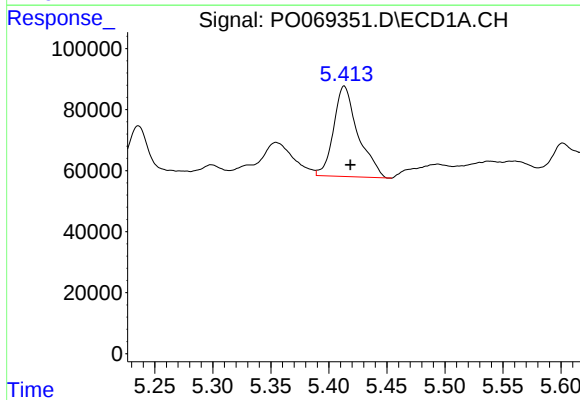
R.T.: 4.837 min
Delta R.T.: -0.005 min
Response: 231071
Conc: 316.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



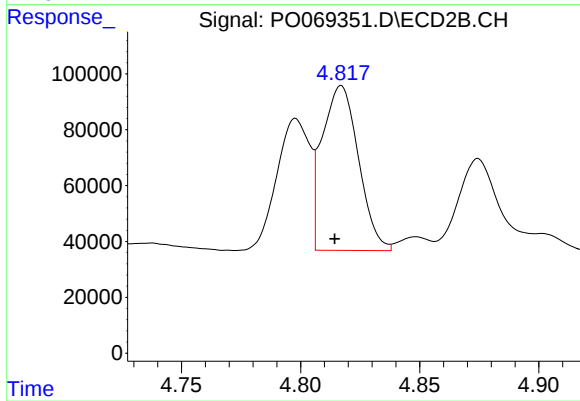
#11 AR-1232-1

R.T.: 4.001 min
Delta R.T.: 0.002 min
Response: 297710
Conc: 338.05 ng/ml



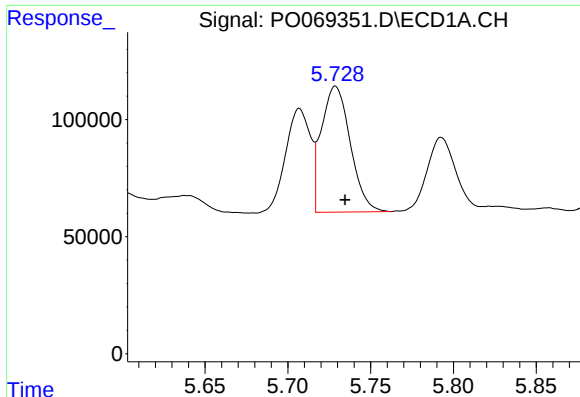
#12 AR-1232-2

R.T.: 5.413 min
Delta R.T.: -0.005 min
Response: 434528
Conc: 1049.72 ng/ml



#12 AR-1232-2

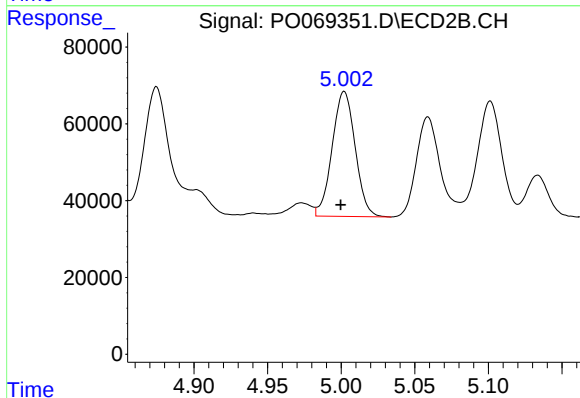
R.T.: 4.817 min
Delta R.T.: 0.003 min
Response: 626671
Conc: 684.62 ng/ml



#13 AR-1232-3

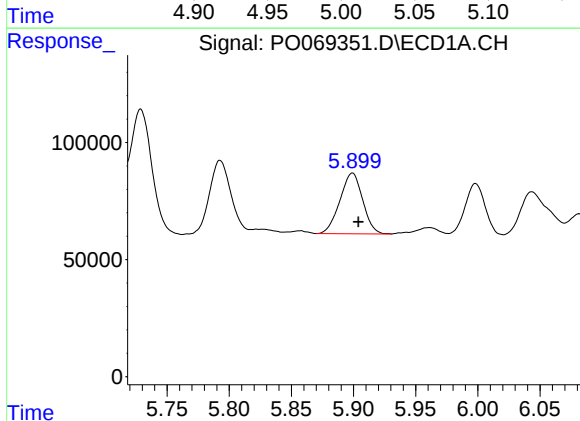
R.T.: 5.729 min
Delta R.T.: -0.006 min
Response: 655187
Conc: 796.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



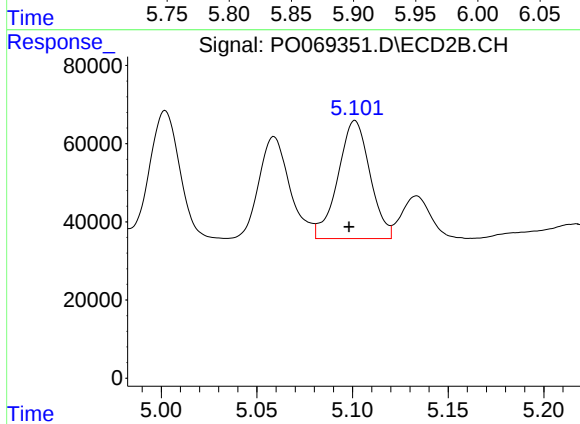
#13 AR-1232-3

R.T.: 5.002 min
Delta R.T.: 0.002 min
Response: 354424
Conc: 722.83 ng/ml



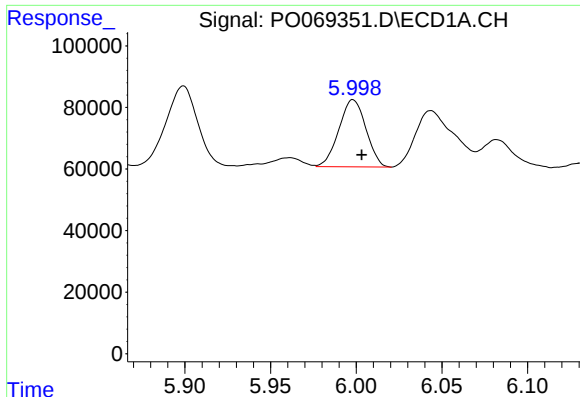
#14 AR-1232-4

R.T.: 5.899 min
Delta R.T.: -0.005 min
Response: 330850
Conc: 798.32 ng/ml



#14 AR-1232-4

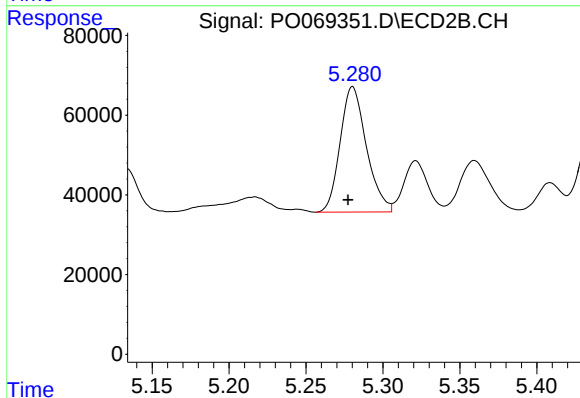
R.T.: 5.101 min
Delta R.T.: 0.003 min
Response: 352642
Conc: 833.70 ng/ml



#15 AR-1232-5

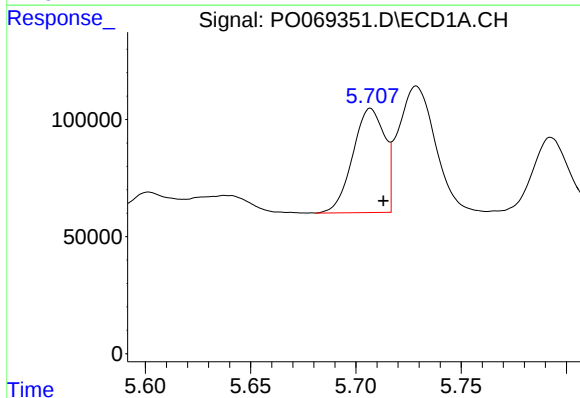
R.T.: 5.998 min
Delta R.T.: -0.005 min
Response: 240339
Conc: 847.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



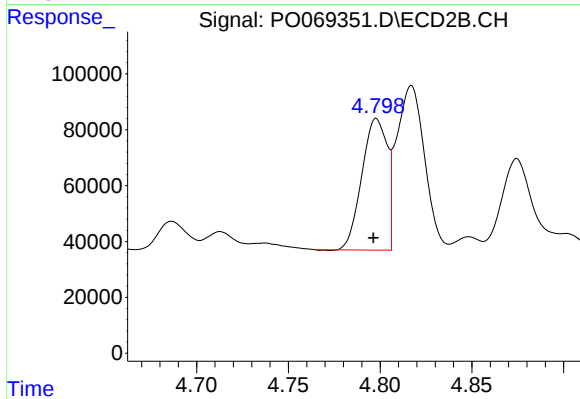
#15 AR-1232-5

R.T.: 5.280 min
Delta R.T.: 0.003 min
Response: 373115
Conc: 762.84 ng/ml



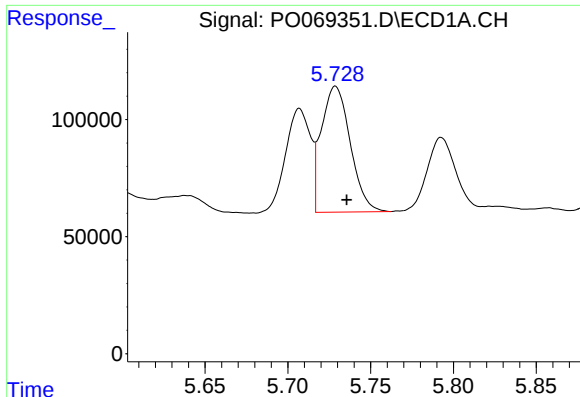
#16 AR-1242-1

R.T.: 5.707 min
Delta R.T.: -0.006 min
Response: 467171
Conc: 469.65 ng/ml



#16 AR-1242-1

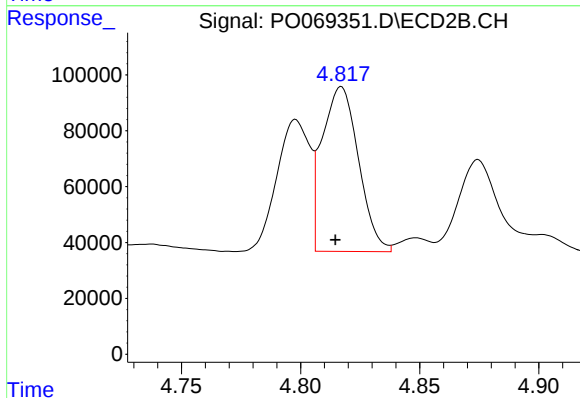
R.T.: 4.798 min
Delta R.T.: 0.002 min
Response: 452874
Conc: 409.40 ng/ml



#17 AR-1242-2

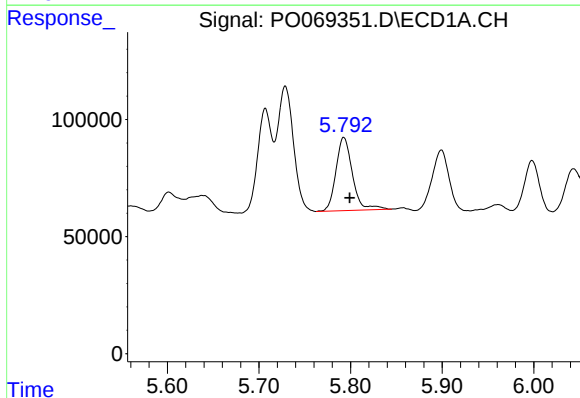
R.T.: 5.729 min
Delta R.T.: -0.007 min
Response: 655187
Conc: 472.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



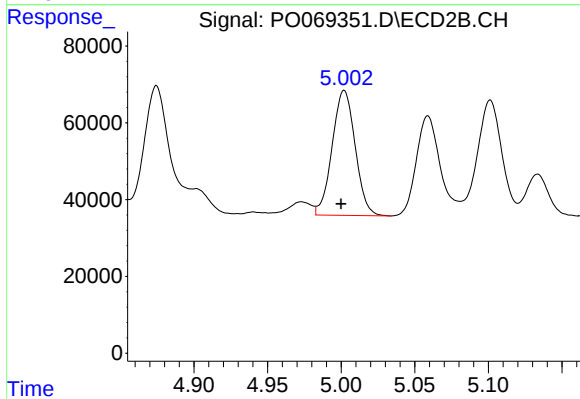
#17 AR-1242-2

R.T.: 4.817 min
Delta R.T.: 0.002 min
Response: 626671
Conc: 409.65 ng/ml



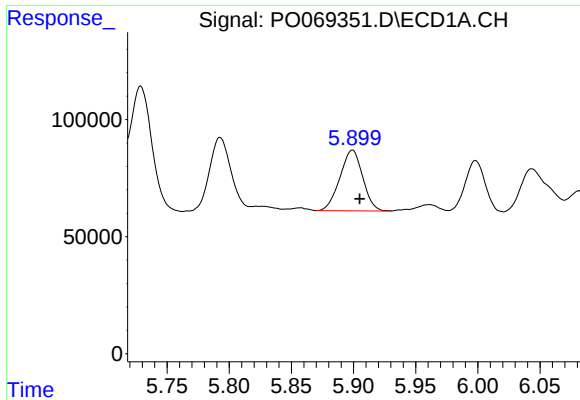
#18 AR-1242-3

R.T.: 5.793 min
Delta R.T.: -0.006 min
Response: 391143
Conc: 453.47 ng/ml



#18 AR-1242-3

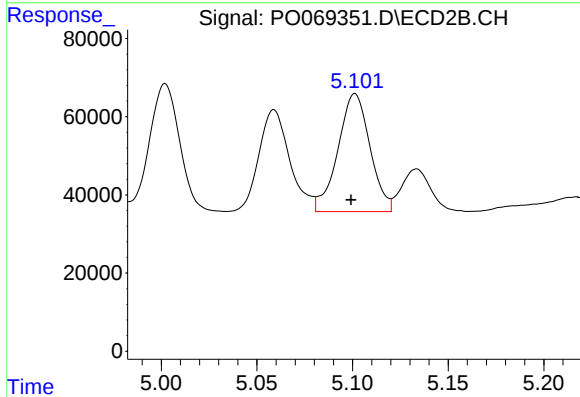
R.T.: 5.002 min
Delta R.T.: 0.002 min
Response: 354424
Conc: 426.04 ng/ml



#19 AR-1242-4

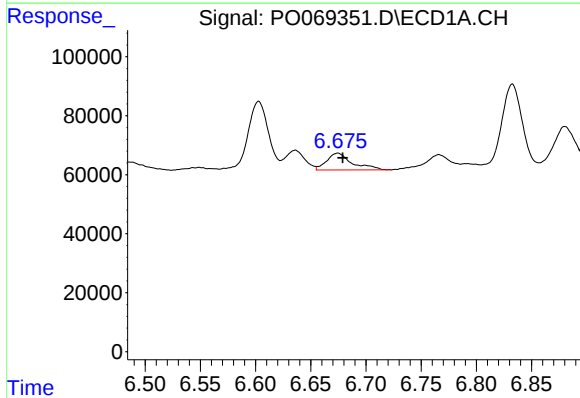
R.T.: 5.899 min
Delta R.T.: -0.006 min
Response: 330850
Conc: 460.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



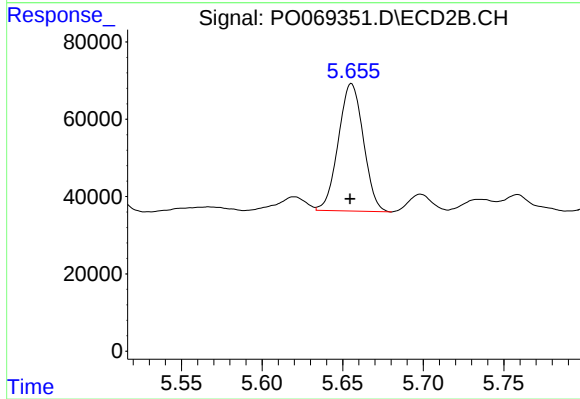
#19 AR-1242-4

R.T.: 5.101 min
Delta R.T.: 0.002 min
Response: 352642
Conc: 443.92 ng/ml



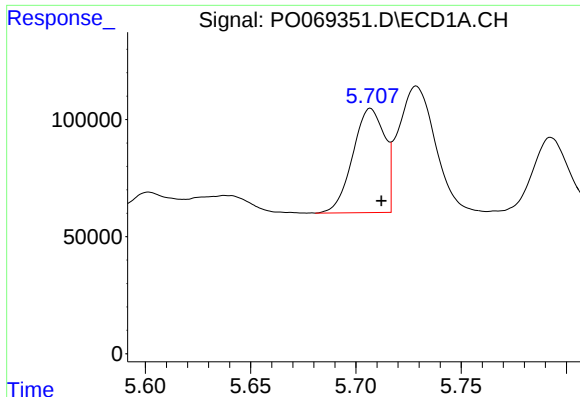
#20 AR-1242-5

R.T.: 6.674 min
Delta R.T.: -0.004 min
Response: 92365
Conc: 103.51 ng/ml



#20 AR-1242-5

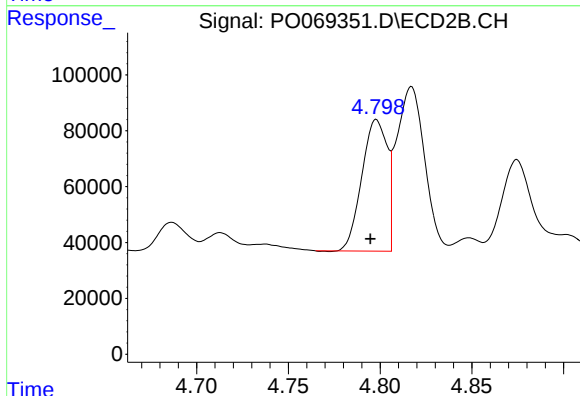
R.T.: 5.655 min
Delta R.T.: 0.000 min
Response: 356418
Conc: 320.27 ng/ml



#21 AR-1248-1

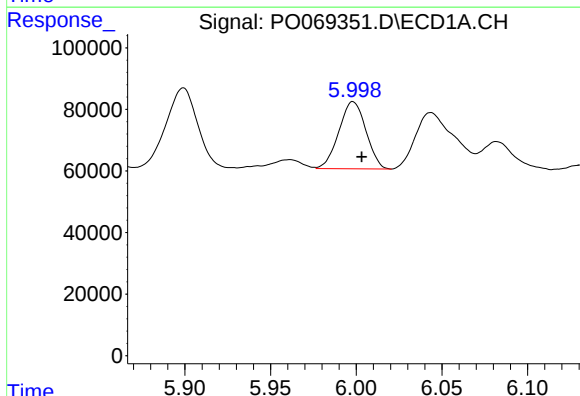
R.T.: 5.707 min
Delta R.T.: -0.005 min
Response: 467171
Conc: 599.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



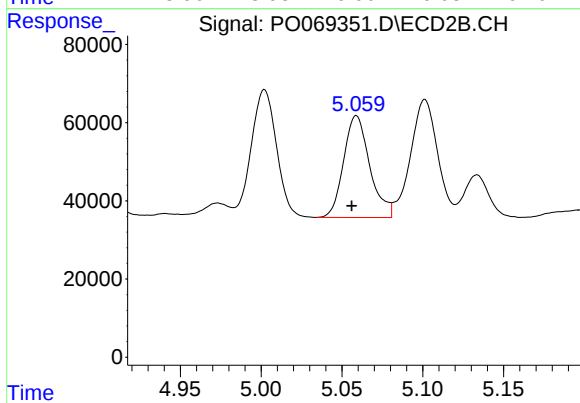
#21 AR-1248-1

R.T.: 4.798 min
Delta R.T.: 0.003 min
Response: 452874
Conc: 523.60 ng/ml



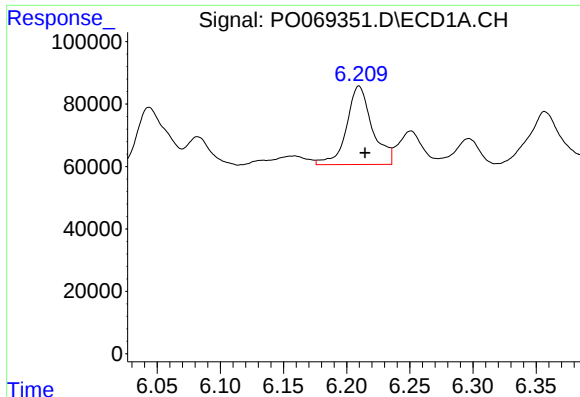
#22 AR-1248-2

R.T.: 5.998 min
Delta R.T.: -0.005 min
Response: 240339
Conc: 235.04 ng/ml



#22 AR-1248-2

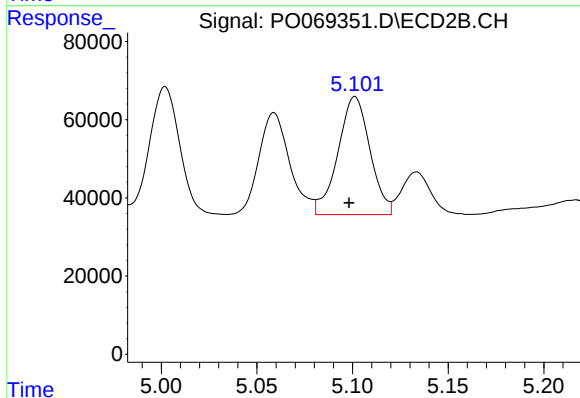
R.T.: 5.059 min
Delta R.T.: 0.003 min
Response: 293457
Conc: 243.26 ng/ml



#23 AR-1248-3

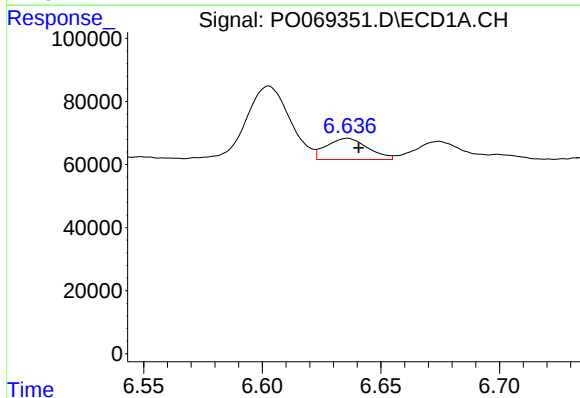
R.T.: 6.210 min
Delta R.T.: -0.005 min
Response: 355410
Conc: 287.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



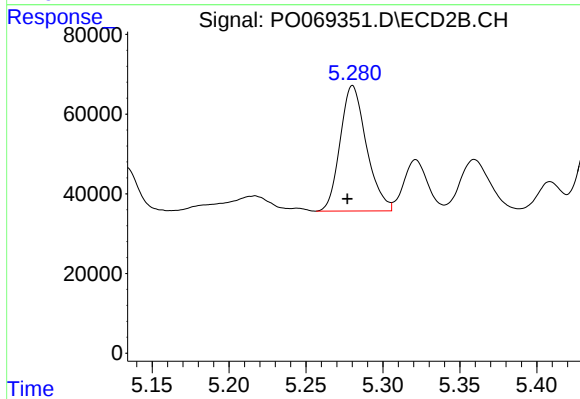
#23 AR-1248-3

R.T.: 5.101 min
Delta R.T.: 0.003 min
Response: 352642
Conc: 311.67 ng/ml



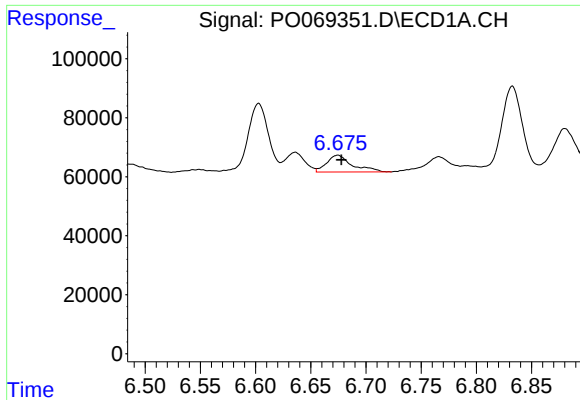
#24 AR-1248-4

R.T.: 6.636 min
Delta R.T.: -0.005 min
Response: 81719
Conc: 54.34 ng/ml



#24 AR-1248-4

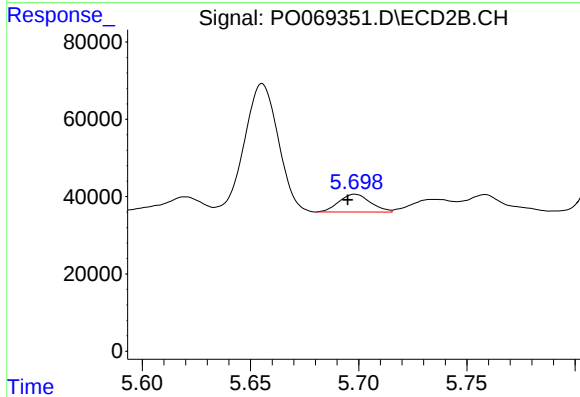
R.T.: 5.280 min
Delta R.T.: 0.003 min
Response: 373115
Conc: 258.03 ng/ml



#25 AR-1248-5

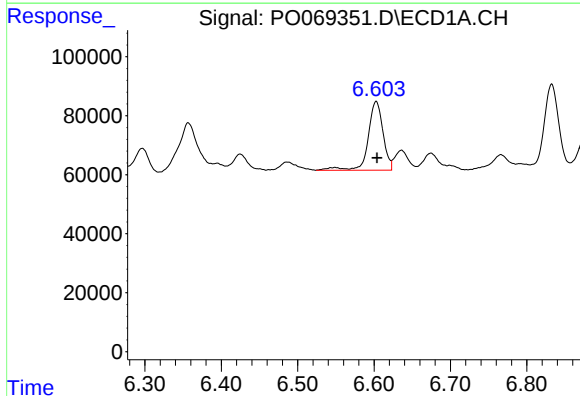
R.T.: 6.674 min
Delta R.T.: -0.003 min
Response: 92365
Conc: 63.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



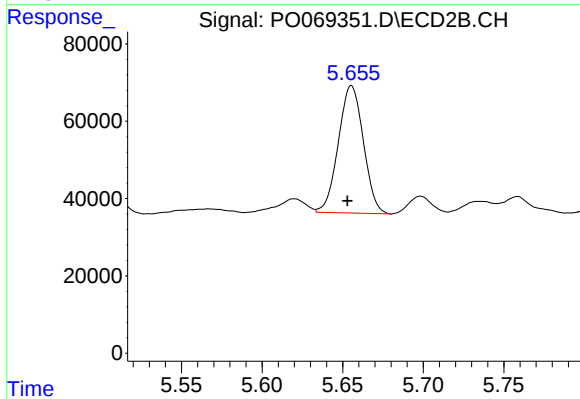
#25 AR-1248-5

R.T.: 5.698 min
Delta R.T.: 0.003 min
Response: 46995
Conc: 32.48 ng/ml



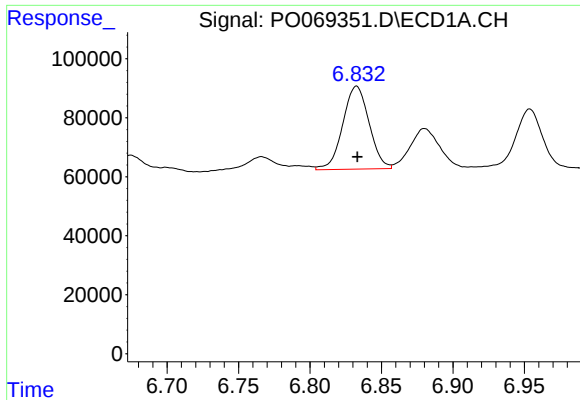
#26 AR-1254-1

R.T.: 6.603 min
Delta R.T.: -0.001 min
Response: 314314
Conc: 214.00 ng/ml



#26 AR-1254-1

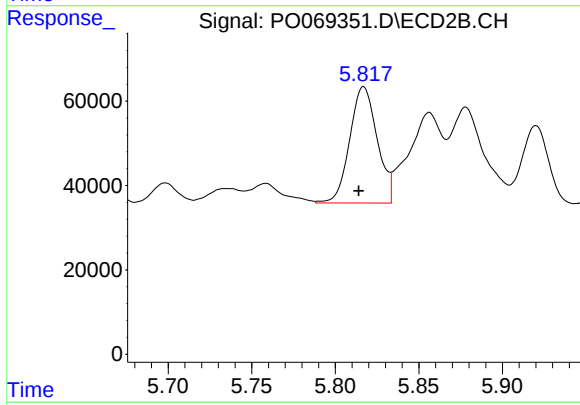
R.T.: 5.655 min
Delta R.T.: 0.003 min
Response: 356418
Conc: 151.81 ng/ml



#27 AR-1254-2

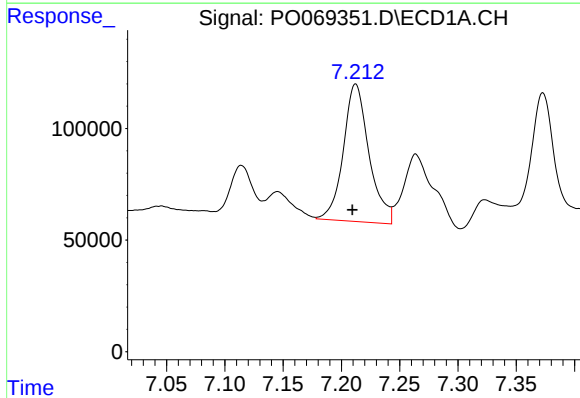
R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 360843
Conc: 150.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



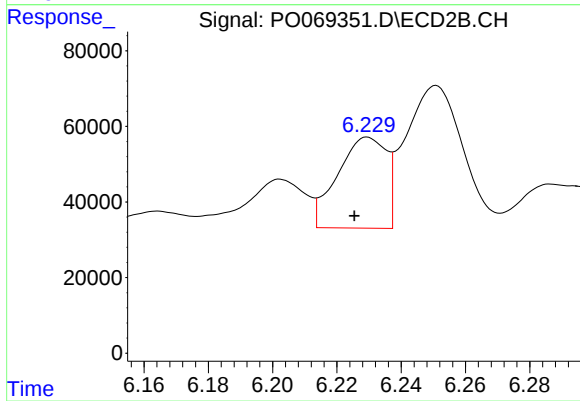
#27 AR-1254-2

R.T.: 5.817 min
Delta R.T.: 0.003 min
Response: 315122
Conc: 148.23 ng/ml



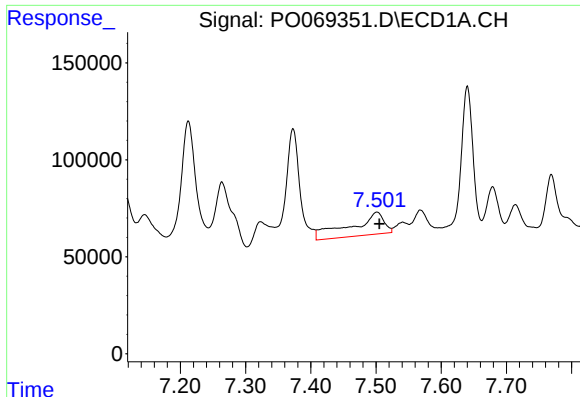
#28 AR-1254-3

R.T.: 7.212 min
Delta R.T.: 0.003 min
Response: 947196
Conc: 367.57 ng/ml



#28 AR-1254-3

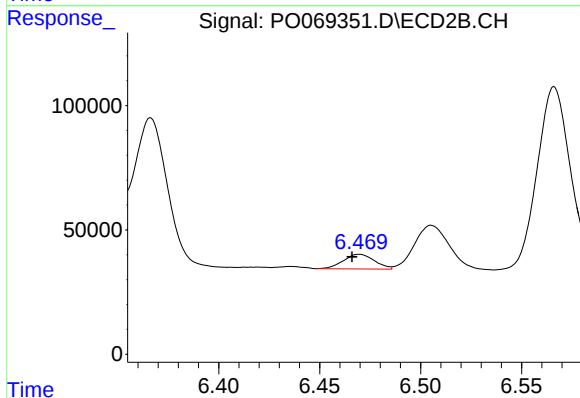
R.T.: 6.230 min
Delta R.T.: 0.004 min
Response: 253820
Conc: 74.47 ng/ml



#29 AR-1254-4

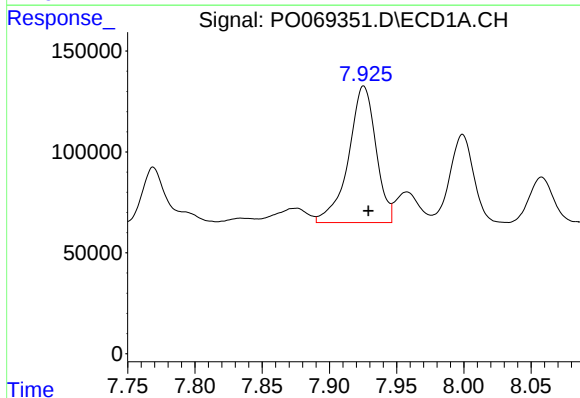
R.T.: 7.502 min
Delta R.T.: -0.004 min
Response: 408169
Conc: 190.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



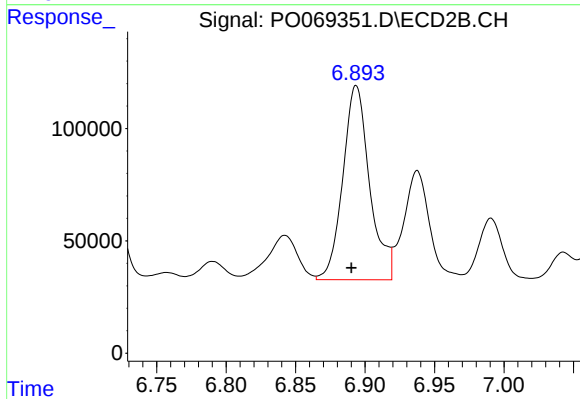
#29 AR-1254-4

R.T.: 6.470 min
Delta R.T.: 0.004 min
Response: 63455
Conc: 27.96 ng/ml



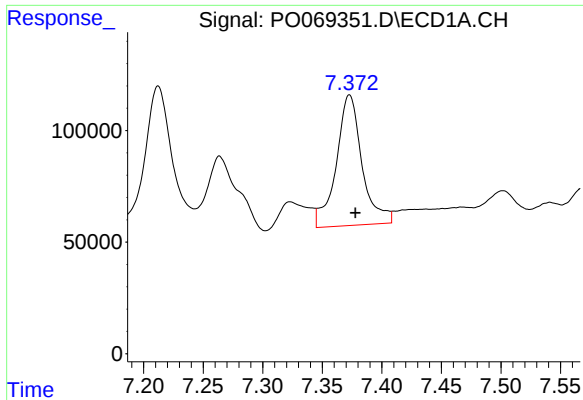
#30 AR-1254-5

R.T.: 7.925 min
Delta R.T.: -0.004 min
Response: 961363
Conc: 459.64 ng/ml



#30 AR-1254-5

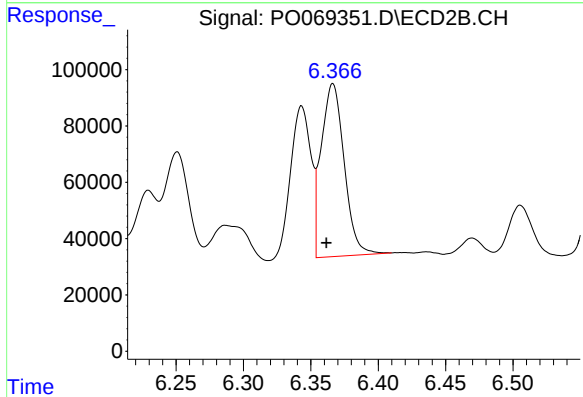
R.T.: 6.894 min
Delta R.T.: 0.003 min
Response: 1161881
Conc: 364.82 ng/ml



#31 AR-1260-1

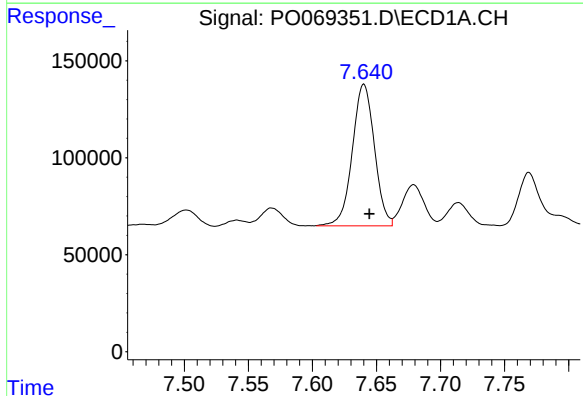
R.T.: 7.373 min
Delta R.T.: -0.005 min
Response: 881515
Conc: 461.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



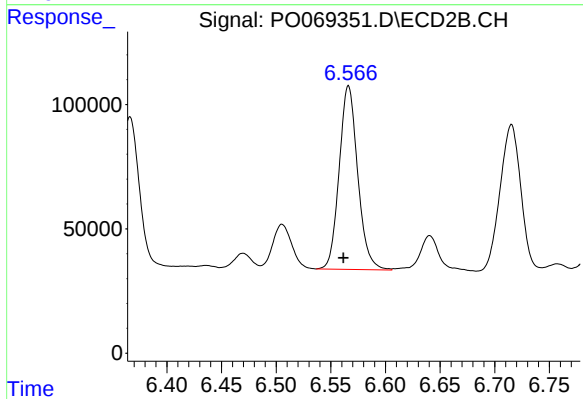
#31 AR-1260-1

R.T.: 6.366 min
Delta R.T.: 0.005 min
Response: 728553
Conc: 311.35 ng/ml



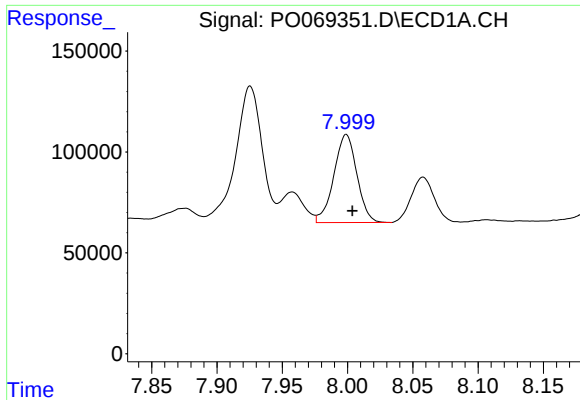
#32 AR-1260-2

R.T.: 7.640 min
Delta R.T.: -0.004 min
Response: 876733
Conc: 374.59 ng/ml



#32 AR-1260-2

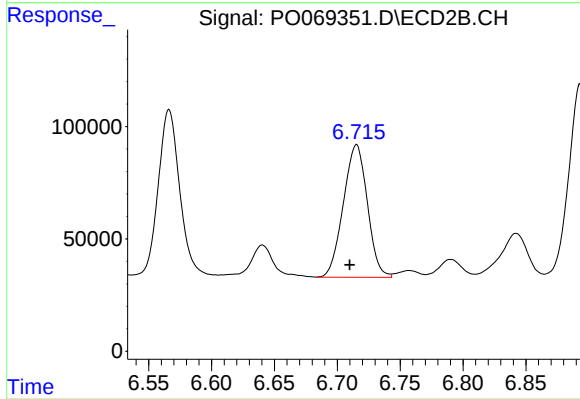
R.T.: 6.566 min
Delta R.T.: 0.005 min
Response: 872557
Conc: 306.53 ng/ml



#33 AR-1260-3

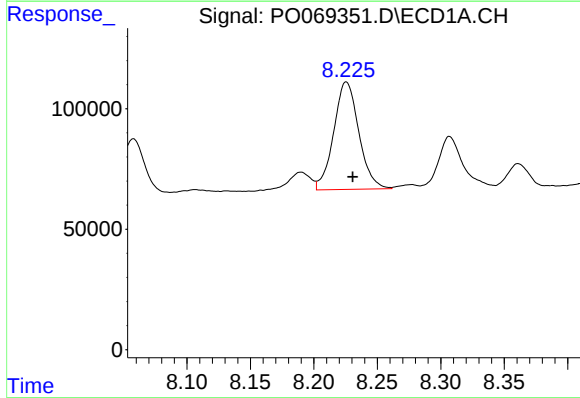
R.T.: 7.999 min
Delta R.T.: -0.005 min
Response: 536194
Conc: 301.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



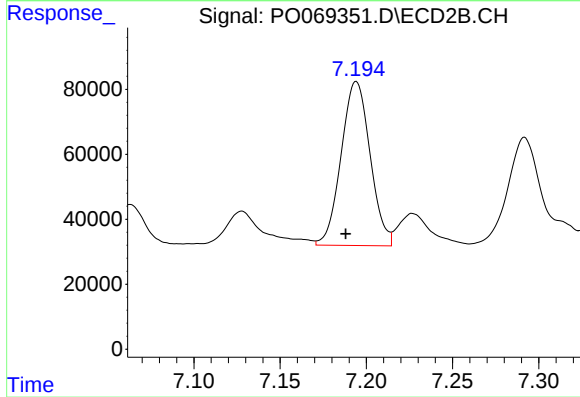
#33 AR-1260-3

R.T.: 6.715 min
Delta R.T.: 0.005 min
Response: 784009
Conc: 291.50 ng/ml



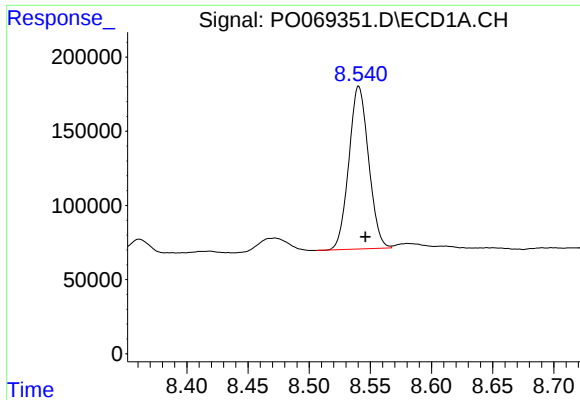
#34 AR-1260-4

R.T.: 8.226 min
Delta R.T.: -0.005 min
Response: 616302
Conc: 295.53 ng/ml



#34 AR-1260-4

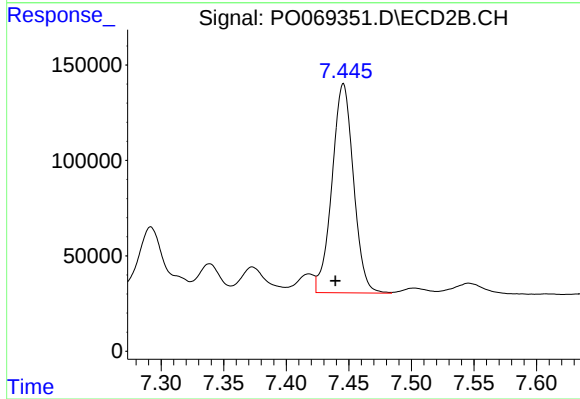
R.T.: 7.194 min
Delta R.T.: 0.006 min
Response: 590057
Conc: 246.28 ng/ml



#35 AR-1260-5

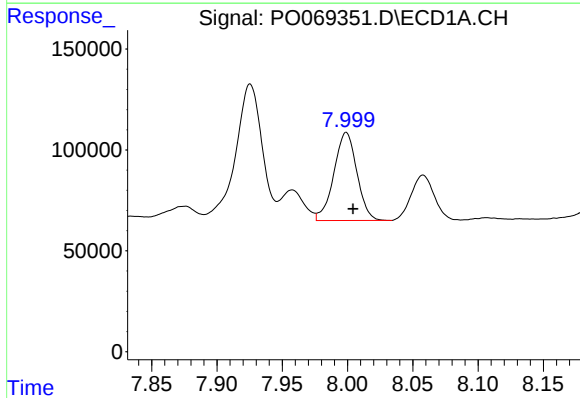
R.T.: 8.541 min
Delta R.T.: -0.005 min
Response: 1233216
Conc: 280.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



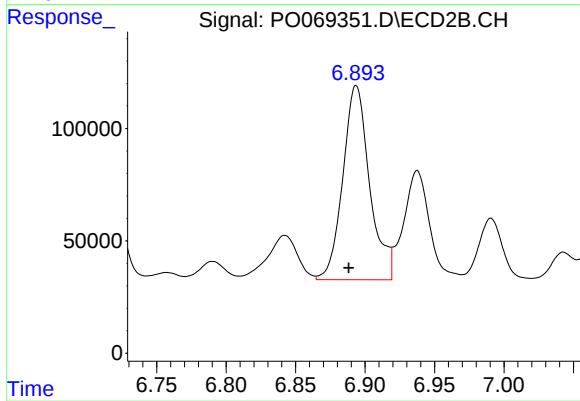
#35 AR-1260-5

R.T.: 7.446 min
Delta R.T.: 0.006 min
Response: 1311339
Conc: 226.35 ng/ml



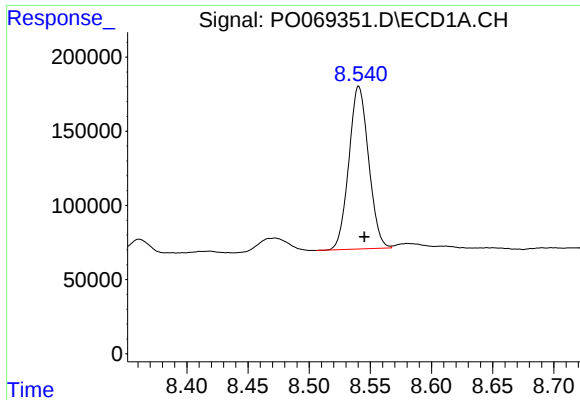
#36 AR-1262-1

R.T.: 7.999 min
Delta R.T.: -0.005 min
Response: 536194
Conc: 211.43 ng/ml



#36 AR-1262-1

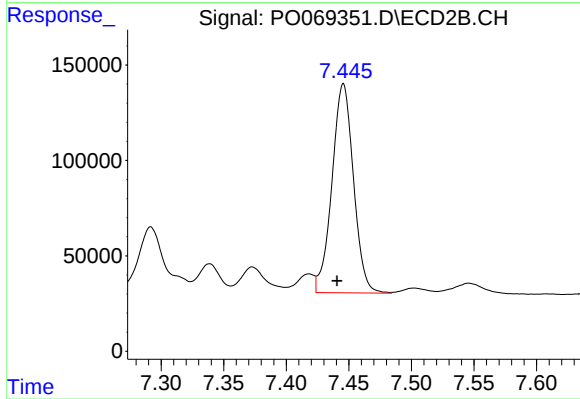
R.T.: 6.894 min
Delta R.T.: 0.005 min
Response: 1161881
Conc: 663.14 ng/ml



#37 AR-1262-2

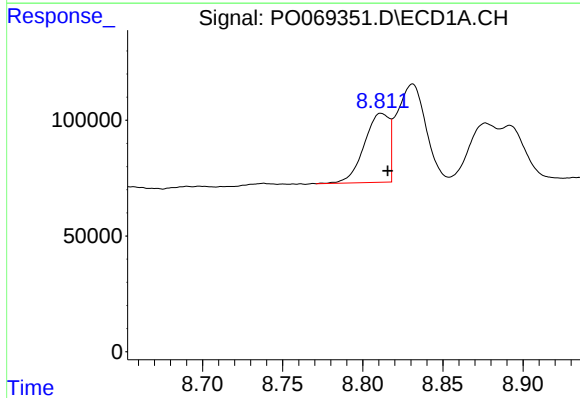
R.T.: 8.541 min
Delta R.T.: -0.005 min
Response: 1233216
Conc: 256.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



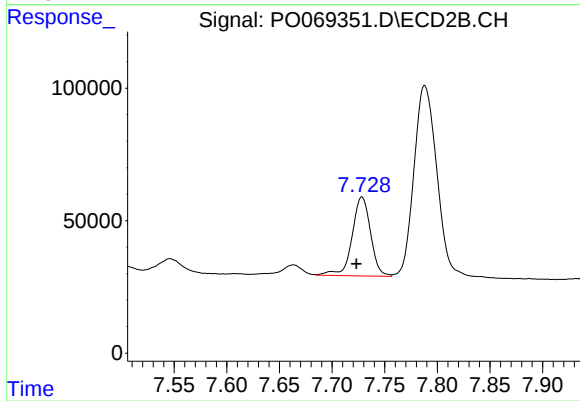
#37 AR-1262-2

R.T.: 7.446 min
Delta R.T.: 0.005 min
Response: 1311339
Conc: 216.85 ng/ml



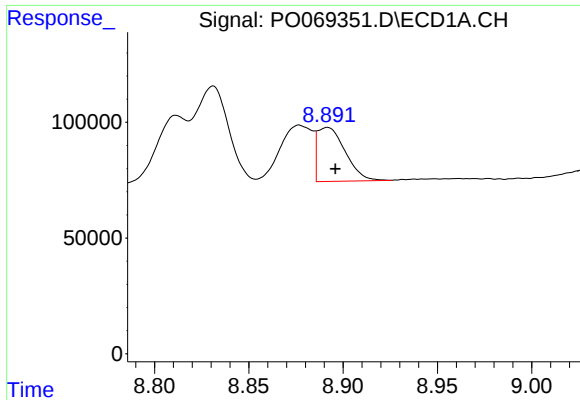
#38 AR-1262-3

R.T.: 8.812 min
Delta R.T.: -0.004 min
Response: 321393
Conc: 151.35 ng/ml



#38 AR-1262-3

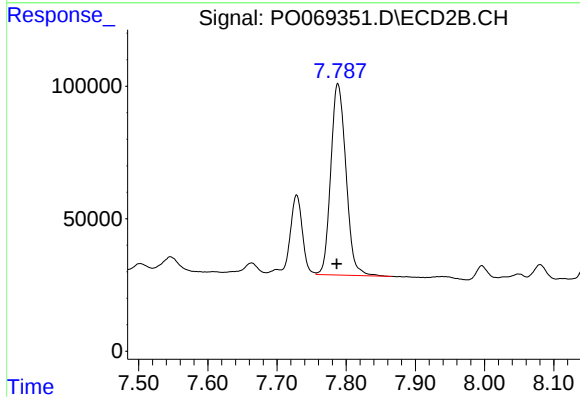
R.T.: 7.728 min
Delta R.T.: 0.005 min
Response: 364720
Conc: 146.94 ng/ml



#39 AR-1262-4

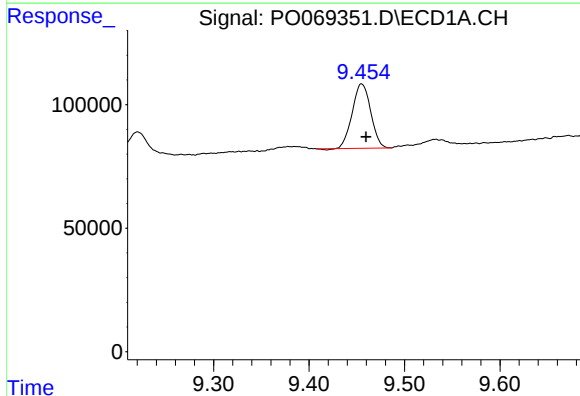
R.T.: 8.892 min
Delta R.T.: -0.004 min
Response: 240025
Conc: 97.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



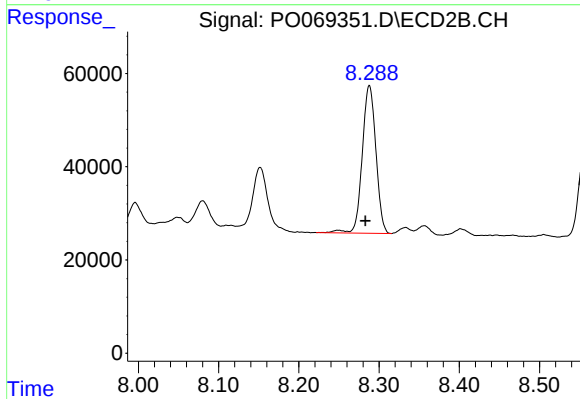
#39 AR-1262-4

R.T.: 7.788 min
Delta R.T.: 0.002 min
Response: 1098739
Conc: 237.04 ng/ml



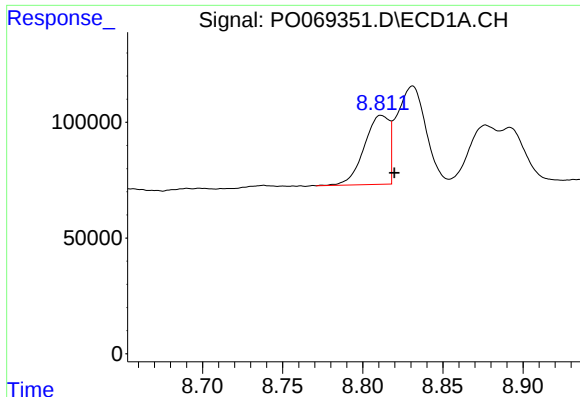
#40 AR-1262-5

R.T.: 9.455 min
Delta R.T.: -0.005 min
Response: 350290
Conc: 195.23 ng/ml



#40 AR-1262-5

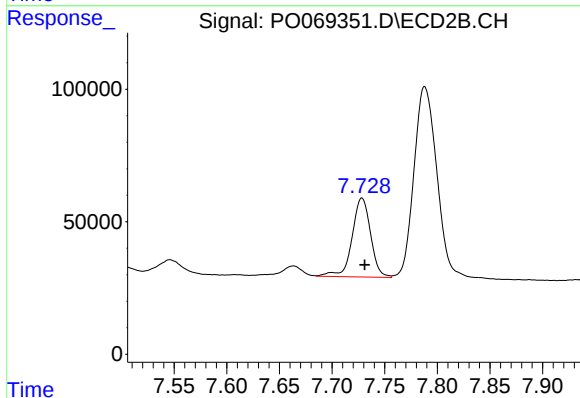
R.T.: 8.288 min
Delta R.T.: 0.005 min
Response: 374115
Conc: 161.02 ng/ml



#41 AR-1268-1

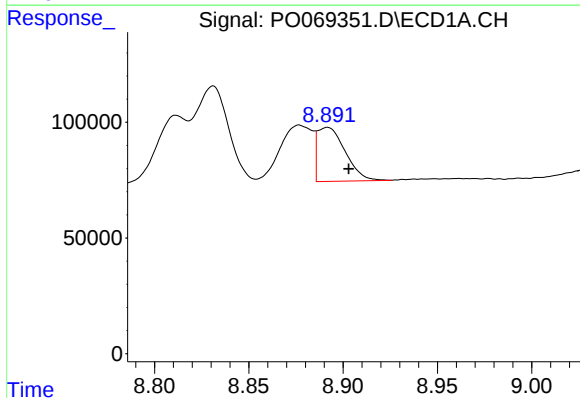
R.T.: 8.812 min
Delta R.T.: -0.008 min
Response: 321393
Conc: 47.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



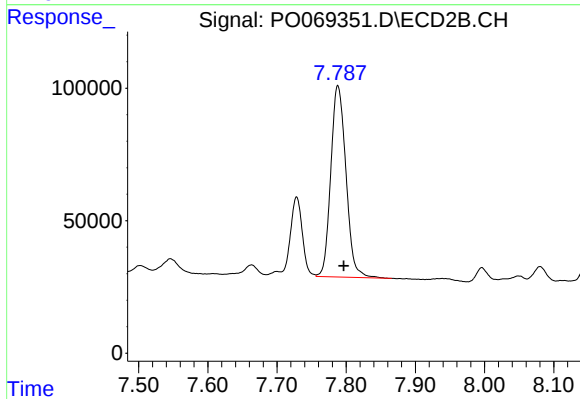
#41 AR-1268-1

R.T.: 7.728 min
Delta R.T.: -0.003 min
Response: 364720
Conc: 51.53 ng/ml



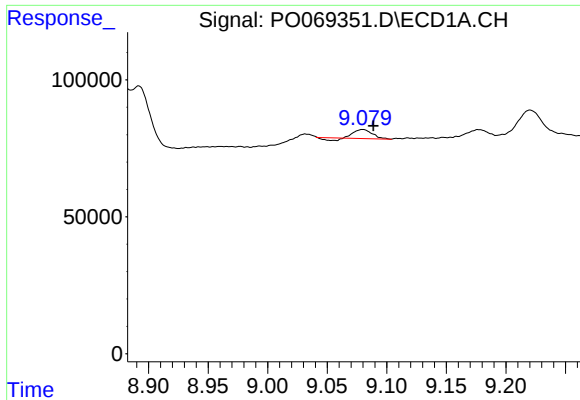
#42 AR-1268-2

R.T.: 8.892 min
Delta R.T.: -0.011 min
Response: 240025
Conc: 37.59 ng/ml



#42 AR-1268-2

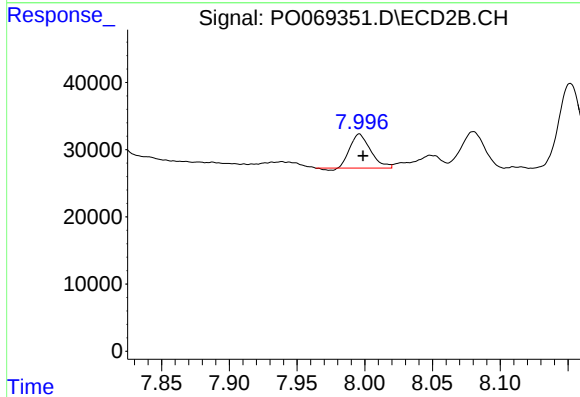
R.T.: 7.788 min
Delta R.T.: -0.009 min
Response: 1098739
Conc: 170.20 ng/ml



#43 AR-1268-3

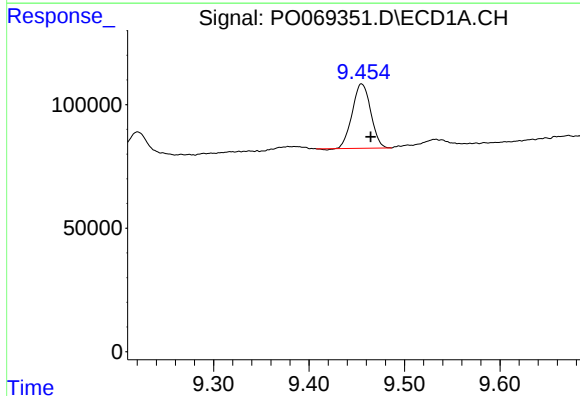
R.T.: 9.080 min
Delta R.T.: -0.009 min
Response: 30183
Conc: 5.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



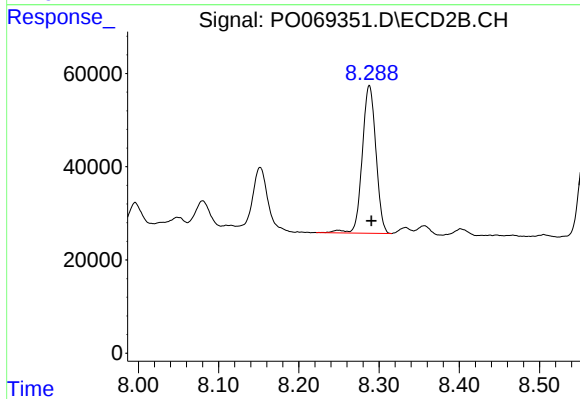
#43 AR-1268-3

R.T.: 7.996 min
Delta R.T.: -0.003 min
Response: 53158
Conc: 9.82 ng/ml



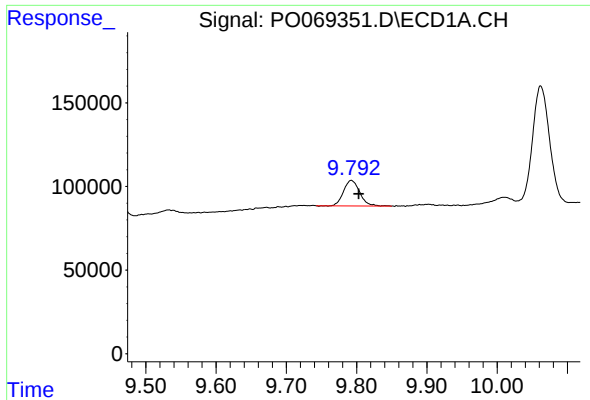
#44 AR-1268-4

R.T.: 9.455 min
Delta R.T.: -0.010 min
Response: 350290
Conc: 142.72 ng/ml



#44 AR-1268-4

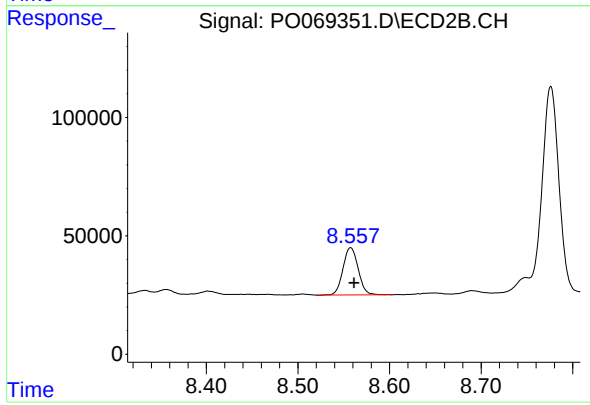
R.T.: 8.288 min
Delta R.T.: -0.003 min
Response: 374115
Conc: 146.14 ng/ml



#45 AR-1268-5

R.T.: 9.792 min
Delta R.T.: -0.011 min
Response: 245445
Conc: 13.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.558 min
Delta R.T.: -0.004 min
Response: 230717
Conc: 13.36 ng/ml