

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0031120\
 Data File : P0067131.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 11 Mar 2020 20:32
 Operator : DD\AJ
 Sample : L1874-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 C-7

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 12 07:51:53 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031120.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 11 15:01:31 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...	4.114	3.400	426319	554884	13.638	14.180
2)	SA Decachlor...	9.572	8.272	587103	793688	16.163	16.301
Target Compounds							
3)	L1 AR-1016-1	5.262	4.456	7191	20132	6.120	14.792 #
4)	L1 AR-1016-2	5.284	4.472	24525	44178	13.840	17.502 #
5)	L1 AR-1016-3	5.342	4.643	27506	18641	26.649	16.003 #
6)	L1 AR-1016-4	5.447	4.686	12274	118022	13.822	118.387 #
7)	L1 AR-1016-5	5.730	4.893	44474	77316	51.736	63.957
8)	L2 AR-1221-1	4.351	0.000	14247	0	45.772	N.D. #
9)	L2 AR-1221-2	4.351	3.691	14247	10921	61.032	35.684 #
10)	L2 AR-1221-3	4.496	3.762	18333	21037	23.928	21.009
11)	L3 AR-1232-1	4.496	3.762	18333	21037	32.697	27.935
12)	L3 AR-1232-2	4.994	4.472	25461	44178	85.475	50.749 #
13)	L3 AR-1232-3	5.284	4.643	24525	18641	41.018	48.265
14)	L3 AR-1232-4	5.447	4.726	12274	61797	41.377	171.789 #
15)	L3 AR-1232-5	5.531	4.893	89724	77316	423.199	204.473 #
16)	L4 AR-1242-1	5.262	4.456	7191	20132	9.827	23.589 #
17)	L4 AR-1242-2	5.284	4.472	24525	44178	22.080	28.264 #
18)	L4 AR-1242-3	5.342	4.643	27506	18641	41.965	25.735 #
19)	L4 AR-1242-4	5.447	4.726	12274	61797	22.155	83.937 #
20)	L4 AR-1242-5	6.168	5.239	132726	463719	195.448	482.230 #
21)	L5 AR-1248-1	5.262	4.456	7191	20132	12.805	29.775 #
22)	L5 AR-1248-2	5.531	4.686	89724	118022	117.231	114.458
23)	L5 AR-1248-3	5.730	4.726	44474	61797	48.585	58.481
24)	L5 AR-1248-4	6.129	4.893	183487	77316	159.504	61.681 #
25)	L5 AR-1248-5	6.168	5.279	132726	122482	116.711	97.156
26)	L6 AR-1254-1	6.102	5.239	235881	463719	197.497	224.958
27)	L6 AR-1254-2	6.317	5.385	443630	475243	230.784	258.609
28)	L6 AR-1254-3	6.680	5.778	514081	895708	255.202	297.639
29)	L6 AR-1254-4	6.961	6.005	608973	701185	357.671	388.047
30)	L6 AR-1254-5	7.374	6.415	827363	1114153	469.683	392.443
31)	L7 AR-1260-1	6.840	5.906	368984	680177	207.974	283.547 #
32)	L7 AR-1260-2	7.094	6.094	627934	787779	240.349	261.072
33)	L7 AR-1260-3	7.447	6.241	278872	609725	126.720	219.420 #
34)	L7 AR-1260-4	7.667	6.706	434944	301687	213.021	122.914 #
35)	L7 AR-1260-5	7.975	6.949	656230	901838	136.920	154.470
36)	L8 AR-1262-1	7.447	6.415	278872	1114153	104.518	780.787 #
37)	L8 AR-1262-2	7.975	6.949	656230	901838	150.856	174.770
38)	L8 AR-1262-3	8.270	7.225	371869	145514	133.156	67.923 #
39)	L8 AR-1262-4	8.318	7.289	198862	604535	93.993	152.611 #
40)	L8 AR-1262-5	8.922	7.782	122607	170443	87.372	92.167
41)	L9 AR-1268-1	8.270	7.225	371869	145514	64.509	22.100 #

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Operator : DD\AJ
Sample : L1874-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

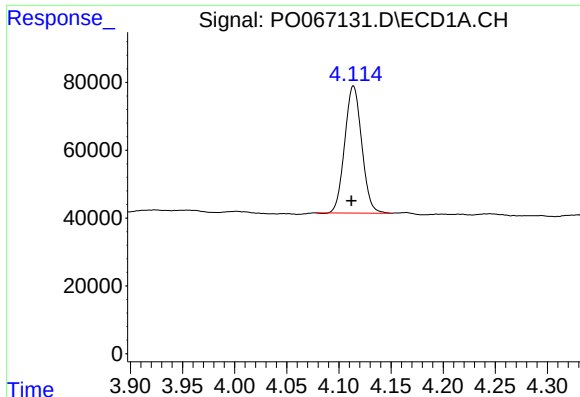
Instrument :
ECD_O
ClientSampleId :
C-7

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 07:51:53 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031120.M
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QLast Update : Wed Mar 11 15:01:31 2020
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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
42)	L9 AR-1268-2	8.318	7.289	198862	604535	40.666	99.388 #
43)	L9 AR-1268-3	8.542	7.489	28199	11462	6.723	2.271 #
44)	L9 AR-1268-4	8.922	7.782	122607	170443	72.640	75.292
45)	L9 AR-1268-5	9.285	8.049	32774	49280	2.612	3.052

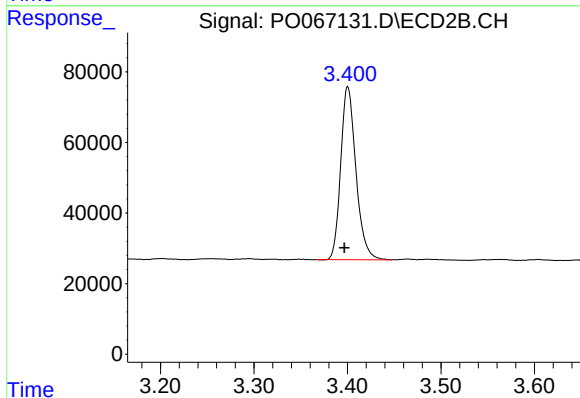
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

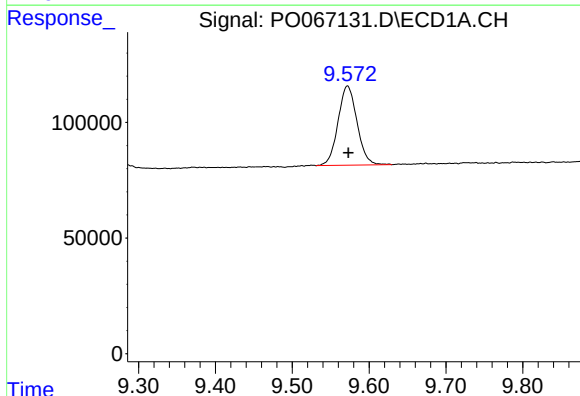
R.T.: 4.114 min
Delta R.T.: 0.002 min
Response: 426319
Conc: 13.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
C-7



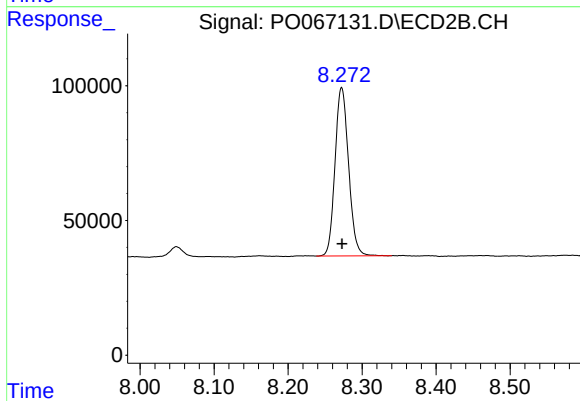
#1 Tetrachloro-m-xylene

R.T.: 3.400 min
Delta R.T.: 0.004 min
Response: 554884
Conc: 14.18 ng/ml



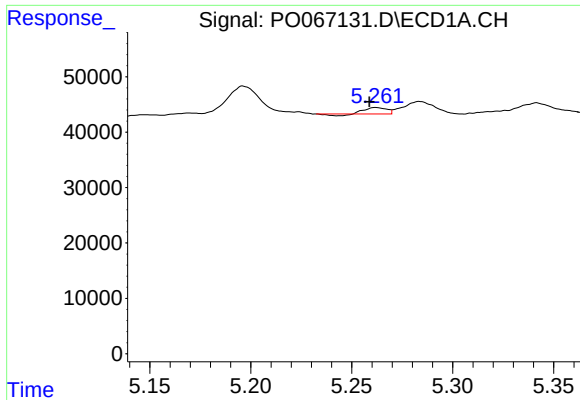
#2 Decachlorobiphenyl

R.T.: 9.572 min
Delta R.T.: -0.001 min
Response: 587103
Conc: 16.16 ng/ml



#2 Decachlorobiphenyl

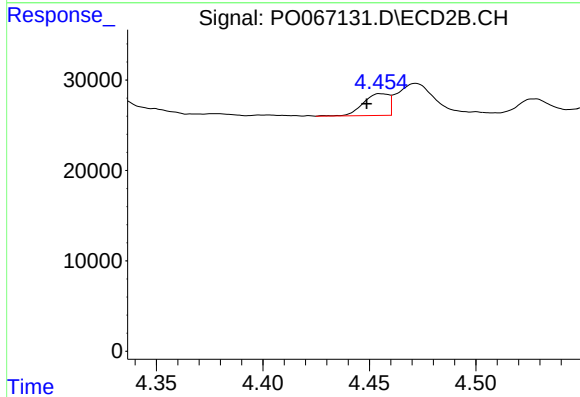
R.T.: 8.272 min
Delta R.T.: 0.000 min
Response: 793688
Conc: 16.30 ng/ml



#3 AR-1016-1

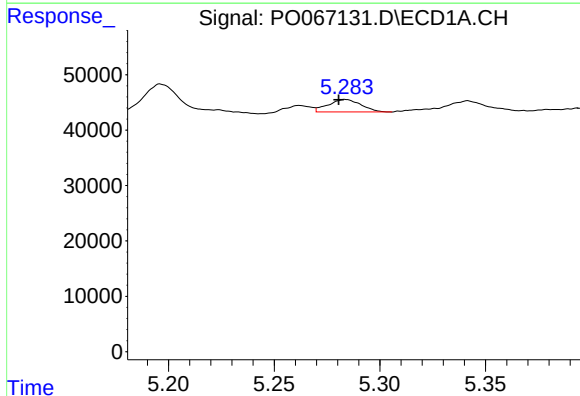
R.T.: 5.262 min
Delta R.T.: 0.003 min
Response: 7191
Conc: 6.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
C-7



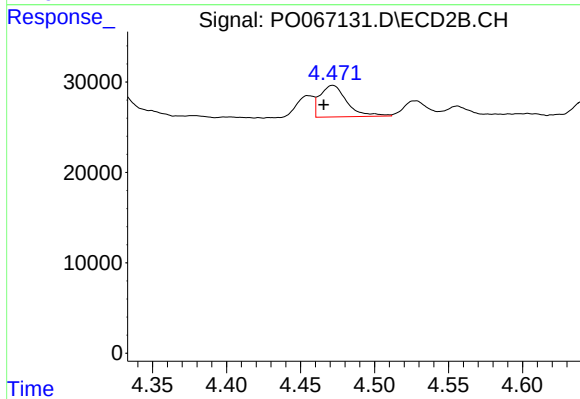
#3 AR-1016-1

R.T.: 4.456 min
Delta R.T.: 0.007 min
Response: 20132
Conc: 14.79 ng/ml



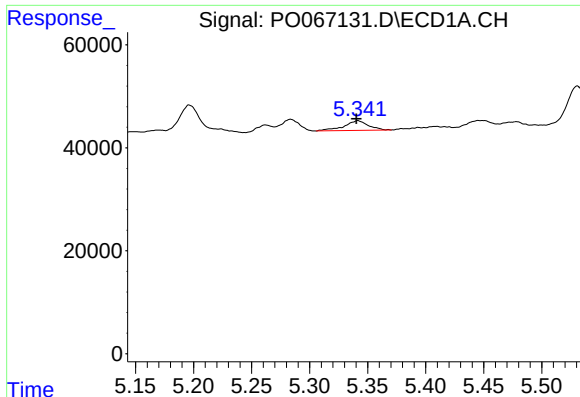
#4 AR-1016-2

R.T.: 5.284 min
Delta R.T.: 0.003 min
Response: 24525
Conc: 13.84 ng/ml



#4 AR-1016-2

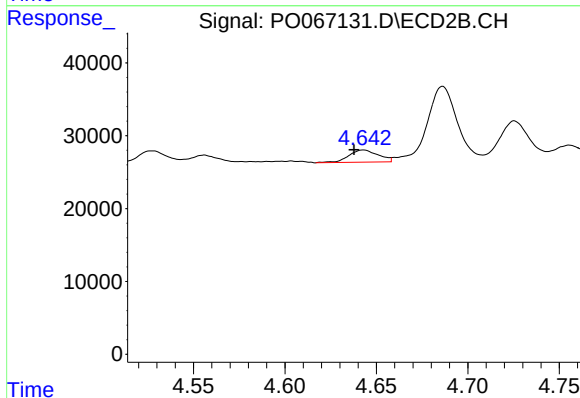
R.T.: 4.472 min
Delta R.T.: 0.006 min
Response: 44178
Conc: 17.50 ng/ml



#5 AR-1016-3

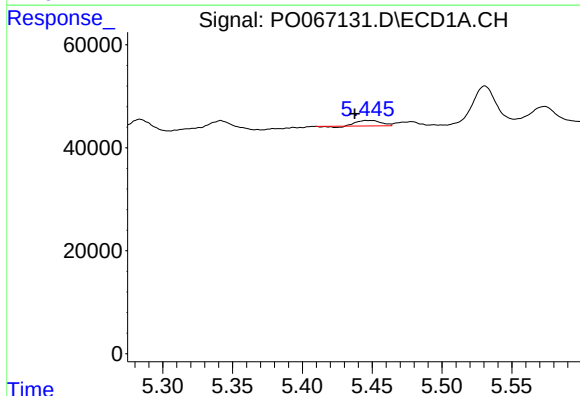
R.T.: 5.342 min
Delta R.T.: 0.001 min
Response: 27506
Conc: 26.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
C-7



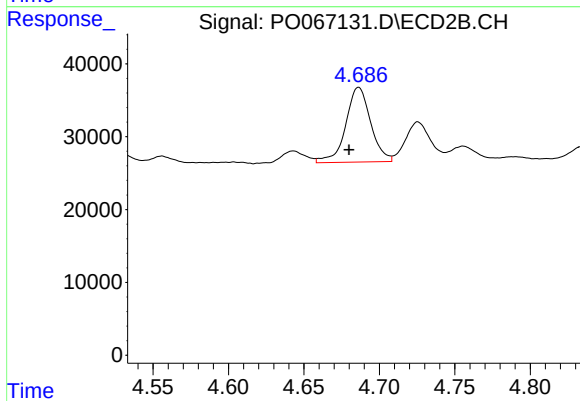
#5 AR-1016-3

R.T.: 4.643 min
Delta R.T.: 0.005 min
Response: 18641
Conc: 16.00 ng/ml



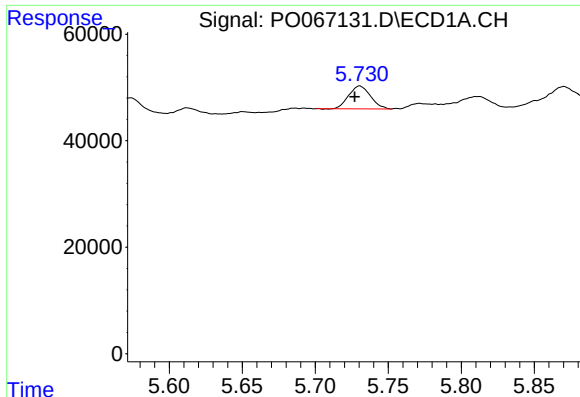
#6 AR-1016-4

R.T.: 5.447 min
Delta R.T.: 0.009 min
Response: 12274
Conc: 13.82 ng/ml



#6 AR-1016-4

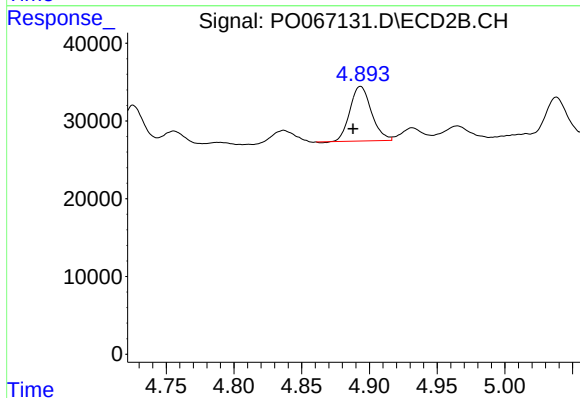
R.T.: 4.686 min
Delta R.T.: 0.006 min
Response: 118022
Conc: 118.39 ng/ml



#7 AR-1016-5

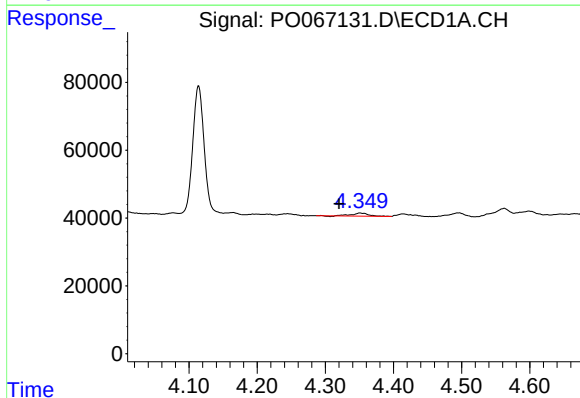
R.T.: 5.730 min
Delta R.T.: 0.003 min
Response: 44474
Conc: 51.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
C-7



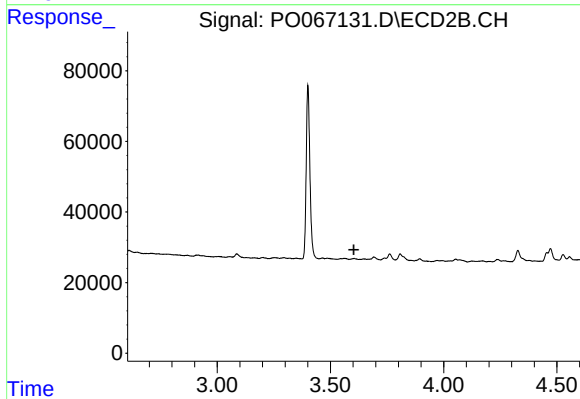
#7 AR-1016-5

R.T.: 4.893 min
Delta R.T.: 0.005 min
Response: 77316
Conc: 63.96 ng/ml



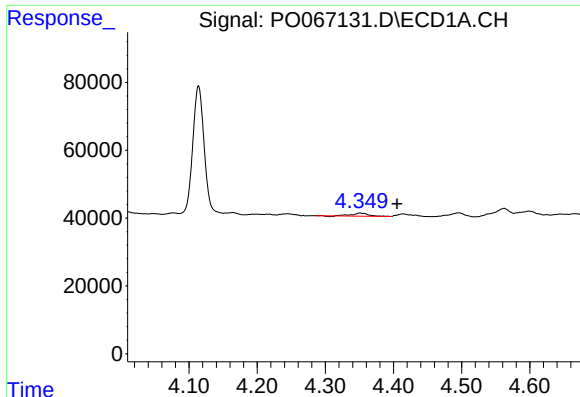
#8 AR-1221-1

R.T.: 4.351 min
Delta R.T.: 0.031 min
Response: 14247
Conc: 45.77 ng/ml



#8 AR-1221-1

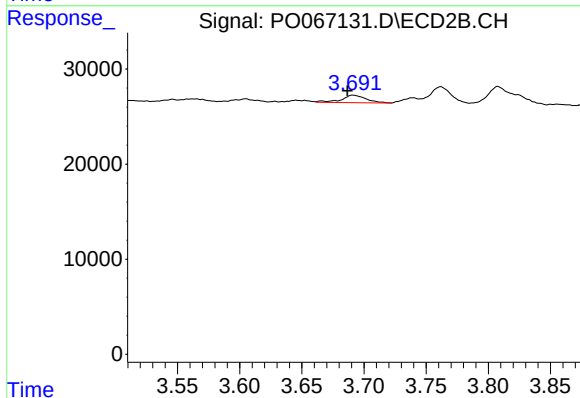
R.T.: 0.000 min
Exp R.T.: 3.603 min
Response: 0
Conc: N.D.



#9 AR-1221-2

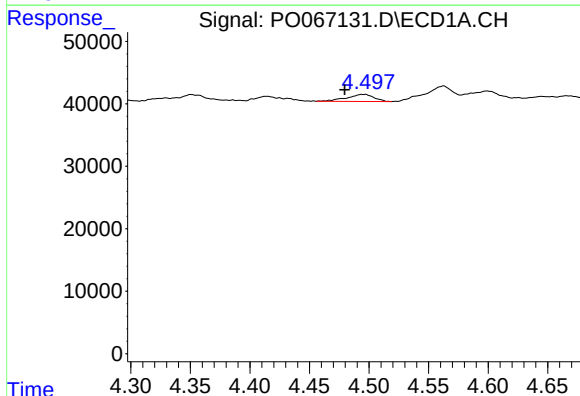
R.T.: 4.351 min
Delta R.T.: -0.054 min
Response: 14247
Conc: 61.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
C-7



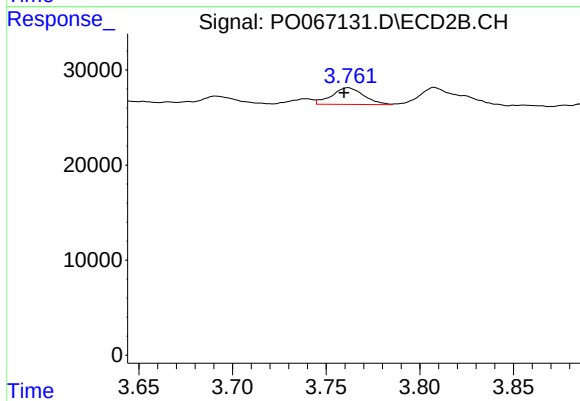
#9 AR-1221-2

R.T.: 3.691 min
Delta R.T.: 0.005 min
Response: 10921
Conc: 35.68 ng/ml



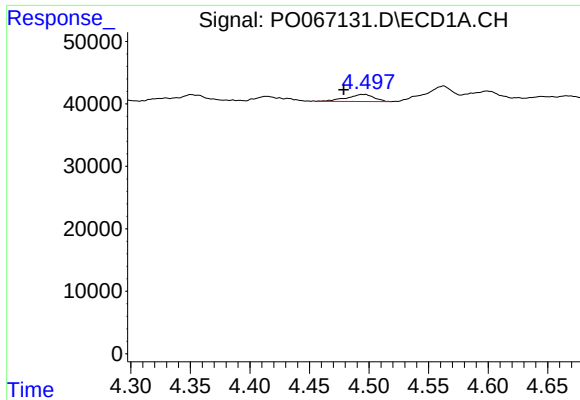
#10 AR-1221-3

R.T.: 4.496 min
Delta R.T.: 0.016 min
Response: 18333
Conc: 23.93 ng/ml



#10 AR-1221-3

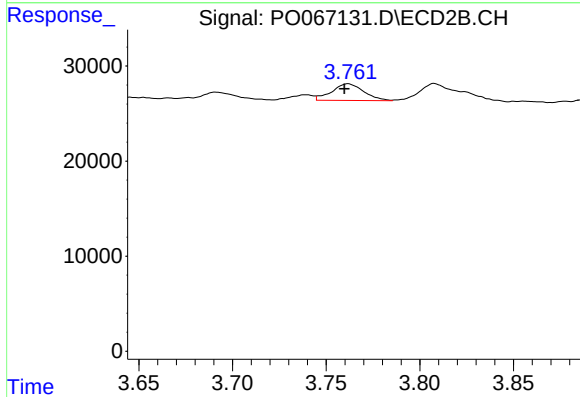
R.T.: 3.762 min
Delta R.T.: 0.002 min
Response: 21037
Conc: 21.01 ng/ml



#11 AR-1232-1

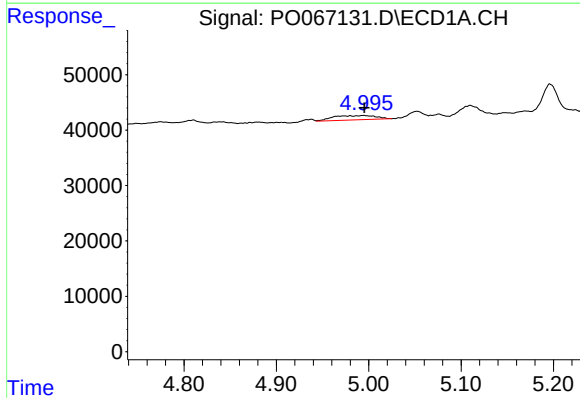
R.T.: 4.496 min
Delta R.T.: 0.017 min
Response: 18333
Conc: 32.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
C-7



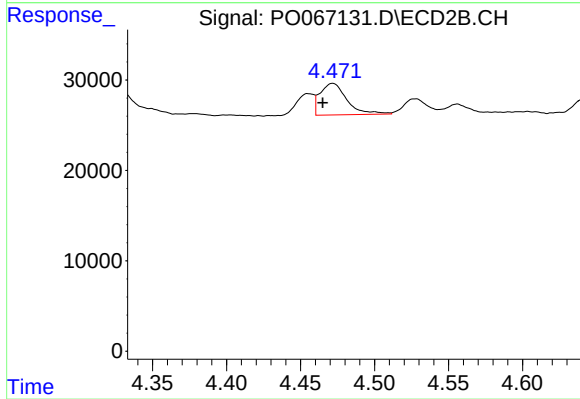
#11 AR-1232-1

R.T.: 3.762 min
Delta R.T.: 0.002 min
Response: 21037
Conc: 27.93 ng/ml



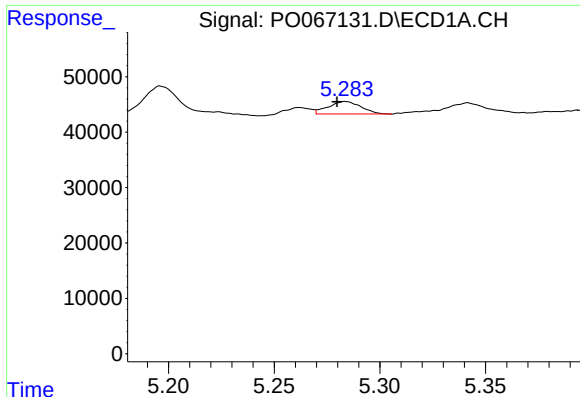
#12 AR-1232-2

R.T.: 4.994 min
Delta R.T.: -0.001 min
Response: 25461
Conc: 85.48 ng/ml



#12 AR-1232-2

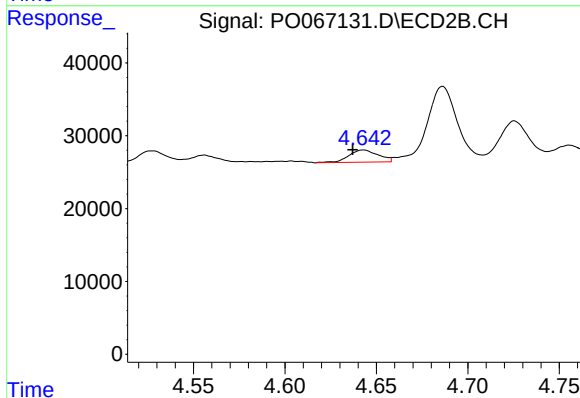
R.T.: 4.472 min
Delta R.T.: 0.007 min
Response: 44178
Conc: 50.75 ng/ml



#13 AR-1232-3

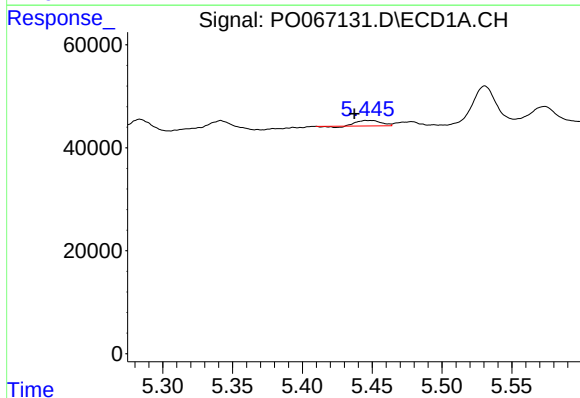
R.T.: 5.284 min
Delta R.T.: 0.004 min
Response: 24525
Conc: 41.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
C-7



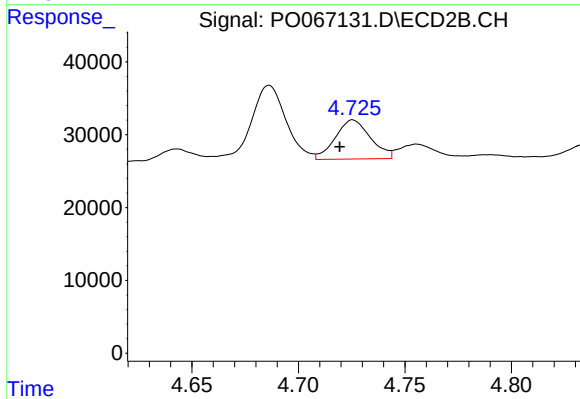
#13 AR-1232-3

R.T.: 4.643 min
Delta R.T.: 0.006 min
Response: 18641
Conc: 48.27 ng/ml



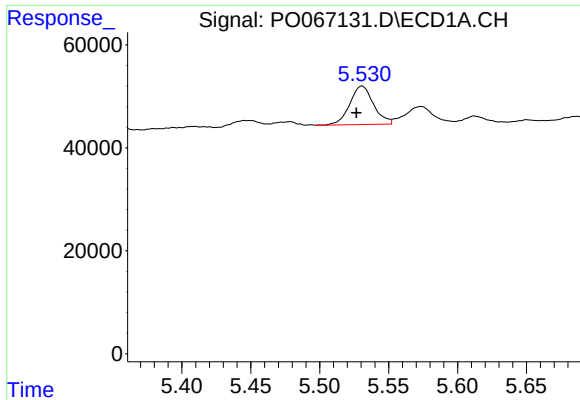
#14 AR-1232-4

R.T.: 5.447 min
Delta R.T.: 0.009 min
Response: 12274
Conc: 41.38 ng/ml



#14 AR-1232-4

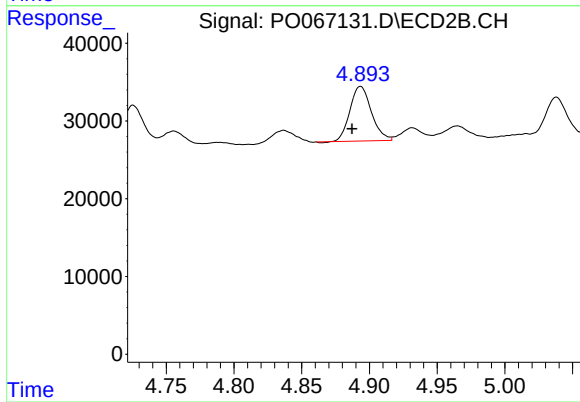
R.T.: 4.726 min
Delta R.T.: 0.006 min
Response: 61797
Conc: 171.79 ng/ml



#15 AR-1232-5

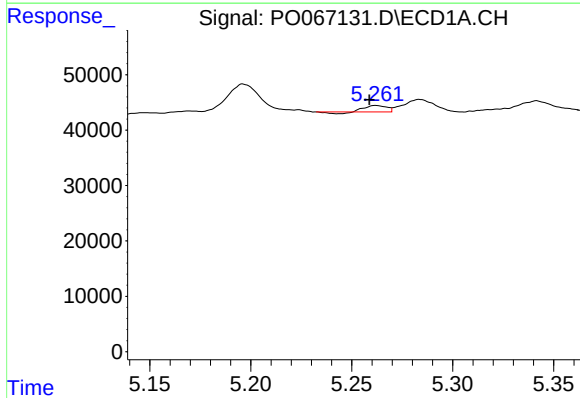
R.T.: 5.531 min
Delta R.T.: 0.004 min
Response: 89724
Conc: 423.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
C-7



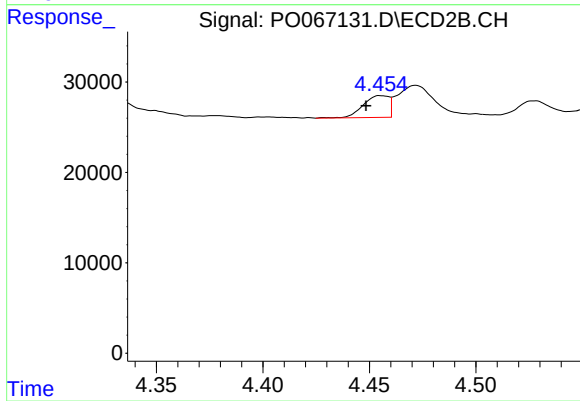
#15 AR-1232-5

R.T.: 4.893 min
Delta R.T.: 0.006 min
Response: 77316
Conc: 204.47 ng/ml



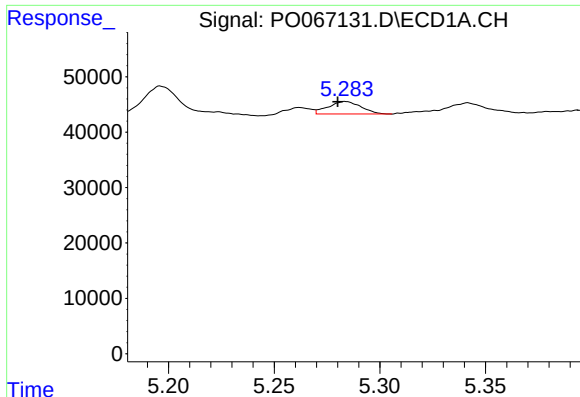
#16 AR-1242-1

R.T.: 5.262 min
Delta R.T.: 0.003 min
Response: 7191
Conc: 9.83 ng/ml



#16 AR-1242-1

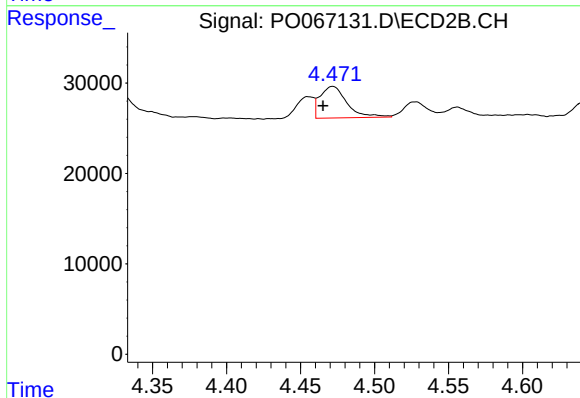
R.T.: 4.456 min
Delta R.T.: 0.007 min
Response: 20132
Conc: 23.59 ng/ml



#17 AR-1242-2

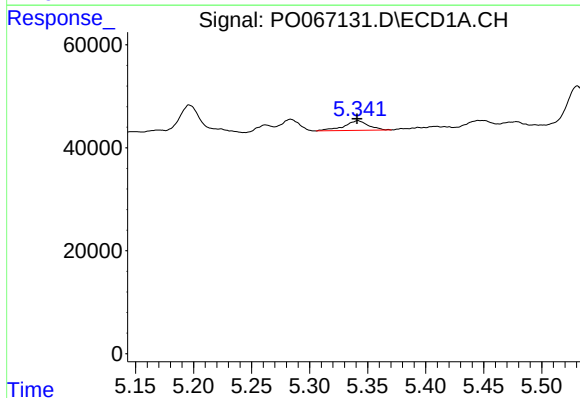
R.T.: 5.284 min
Delta R.T.: 0.004 min
Response: 24525
Conc: 22.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
C-7



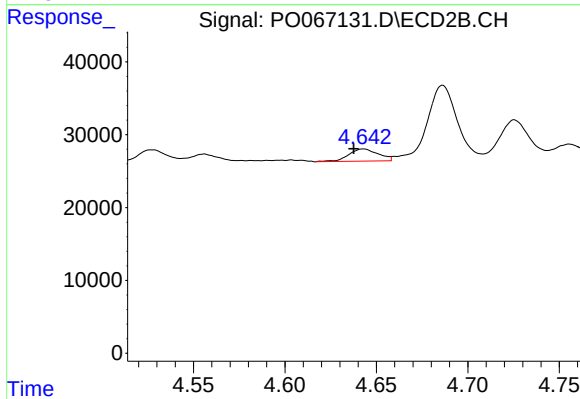
#17 AR-1242-2

R.T.: 4.472 min
Delta R.T.: 0.007 min
Response: 44178
Conc: 28.26 ng/ml



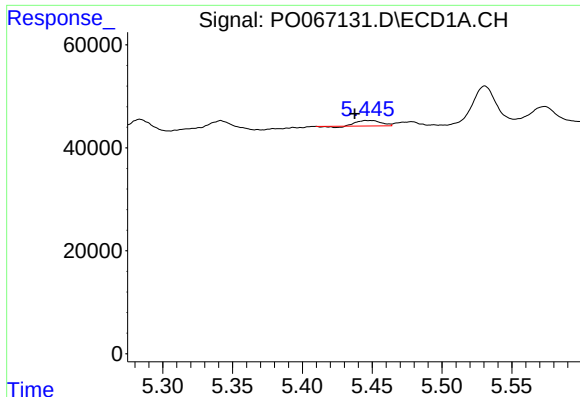
#18 AR-1242-3

R.T.: 5.342 min
Delta R.T.: 0.000 min
Response: 27506
Conc: 41.97 ng/ml



#18 AR-1242-3

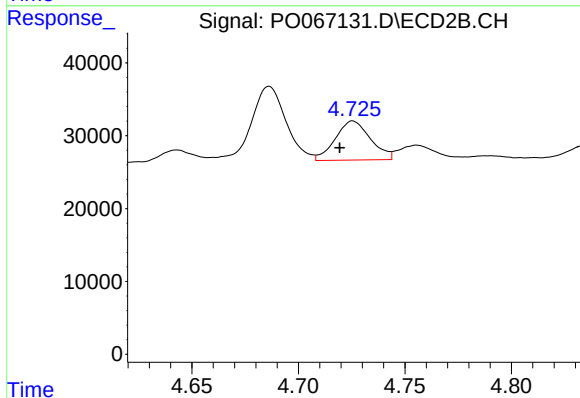
R.T.: 4.643 min
Delta R.T.: 0.005 min
Response: 18641
Conc: 25.73 ng/ml



#19 AR-1242-4

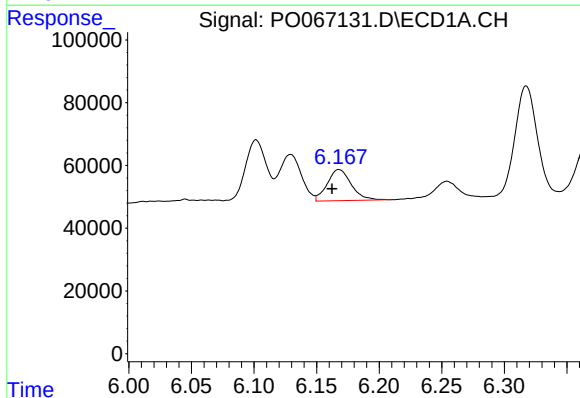
R.T.: 5.447 min
Delta R.T.: 0.009 min
Response: 12274
Conc: 22.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
C-7



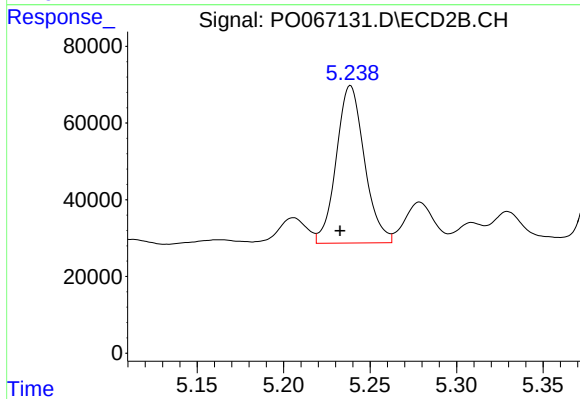
#19 AR-1242-4

R.T.: 4.726 min
Delta R.T.: 0.006 min
Response: 61797
Conc: 83.94 ng/ml



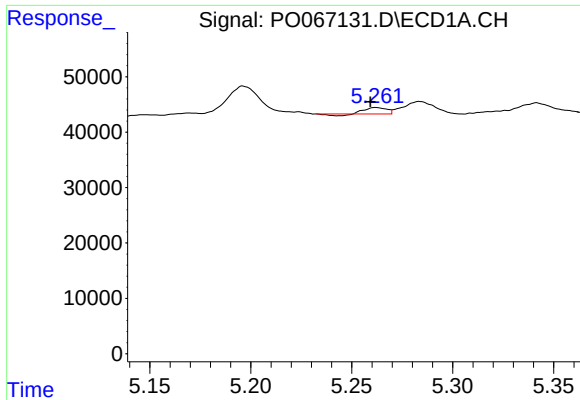
#20 AR-1242-5

R.T.: 6.168 min
Delta R.T.: 0.006 min
Response: 132726
Conc: 195.45 ng/ml



#20 AR-1242-5

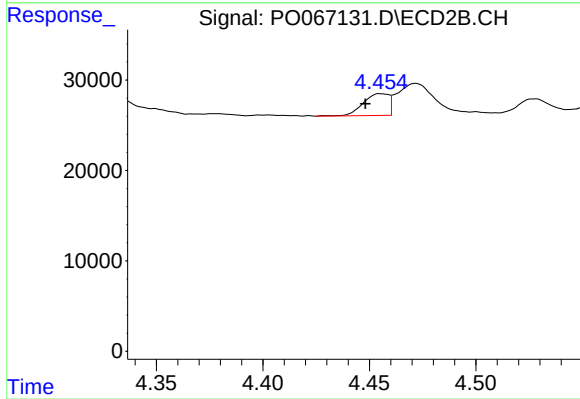
R.T.: 5.239 min
Delta R.T.: 0.006 min
Response: 463719
Conc: 482.23 ng/ml



#21 AR-1248-1

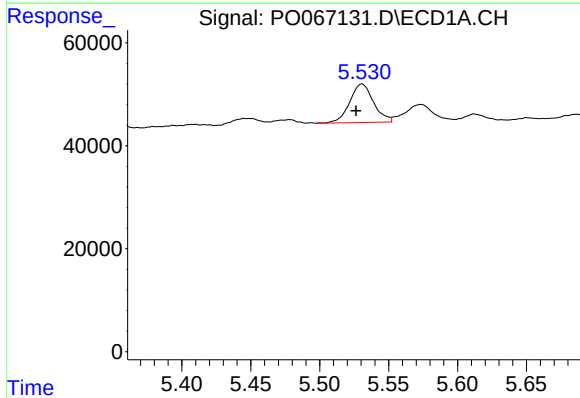
R.T.: 5.262 min
Delta R.T.: 0.003 min
Response: 7191
Conc: 12.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
C-7



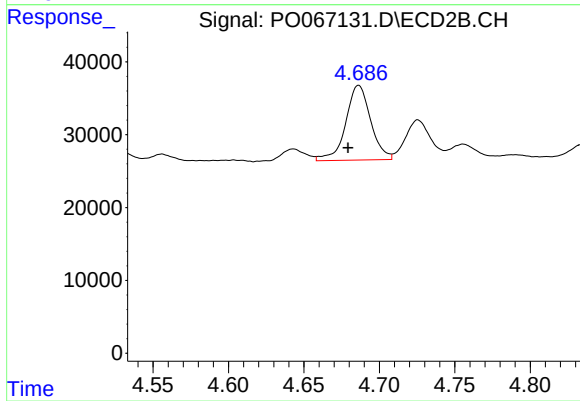
#21 AR-1248-1

R.T.: 4.456 min
Delta R.T.: 0.007 min
Response: 20132
Conc: 29.77 ng/ml



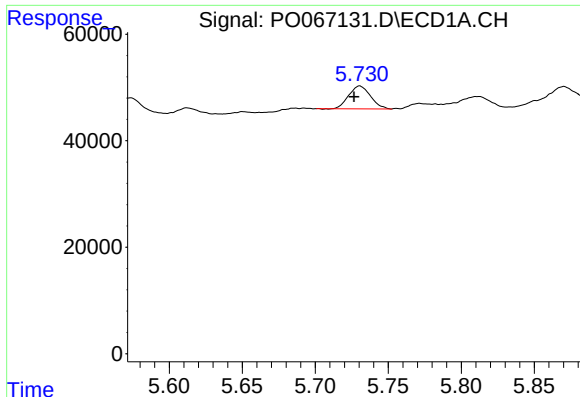
#22 AR-1248-2

R.T.: 5.531 min
Delta R.T.: 0.004 min
Response: 89724
Conc: 117.23 ng/ml



#22 AR-1248-2

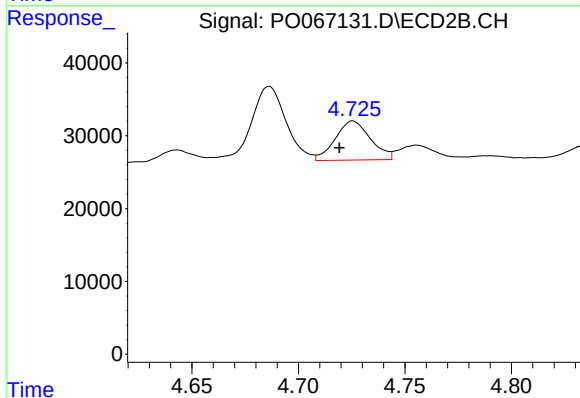
R.T.: 4.686 min
Delta R.T.: 0.007 min
Response: 118022
Conc: 114.46 ng/ml



#23 AR-1248-3

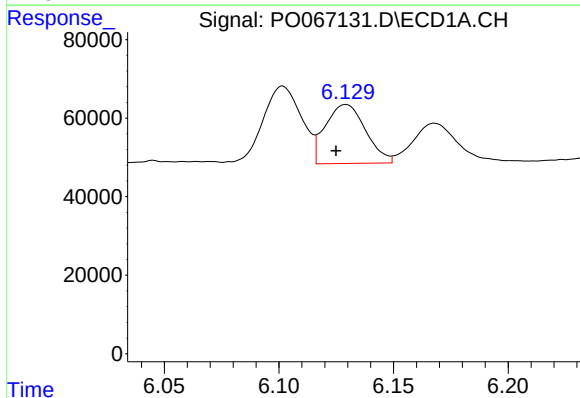
R.T.: 5.730 min
Delta R.T.: 0.004 min
Response: 44474
Conc: 48.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
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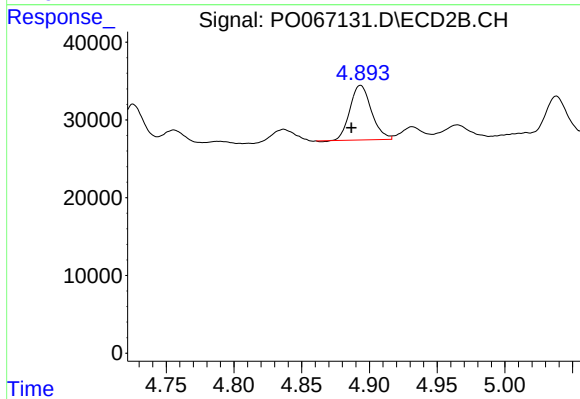
#23 AR-1248-3

R.T.: 4.726 min
Delta R.T.: 0.006 min
Response: 61797
Conc: 58.48 ng/ml



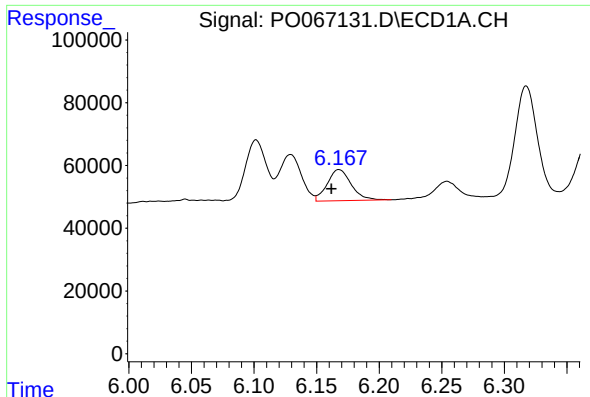
#24 AR-1248-4

R.T.: 6.129 min
Delta R.T.: 0.004 min
Response: 183487
Conc: 159.50 ng/ml



#24 AR-1248-4

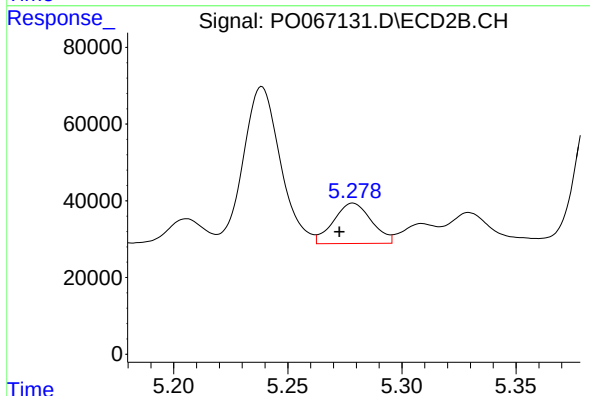
R.T.: 4.893 min
Delta R.T.: 0.007 min
Response: 77316
Conc: 61.68 ng/ml



#25 AR-1248-5

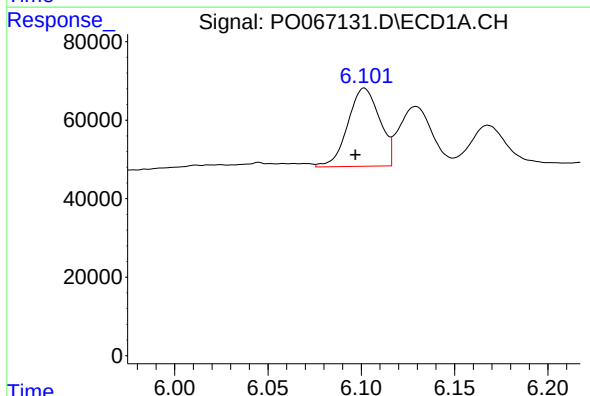
R.T.: 6.168 min
Delta R.T.: 0.006 min
Response: 132726
Conc: 116.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
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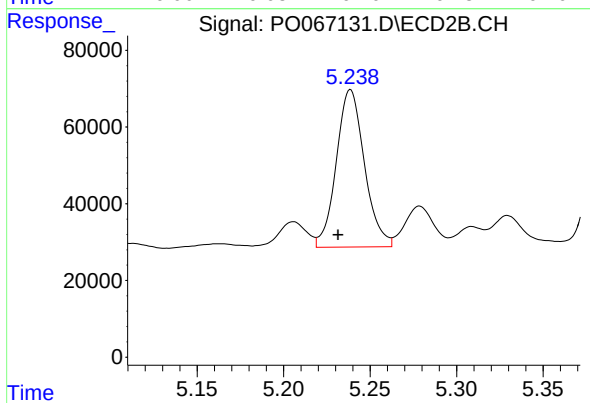
#25 AR-1248-5

R.T.: 5.279 min
Delta R.T.: 0.006 min
Response: 122482
Conc: 97.16 ng/ml



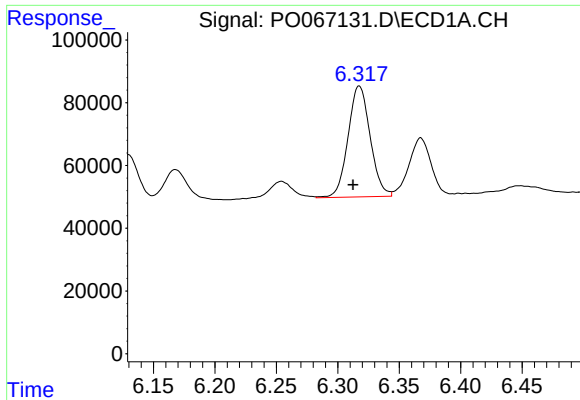
#26 AR-1254-1

R.T.: 6.102 min
Delta R.T.: 0.005 min
Response: 235881
Conc: 197.50 ng/ml



#26 AR-1254-1

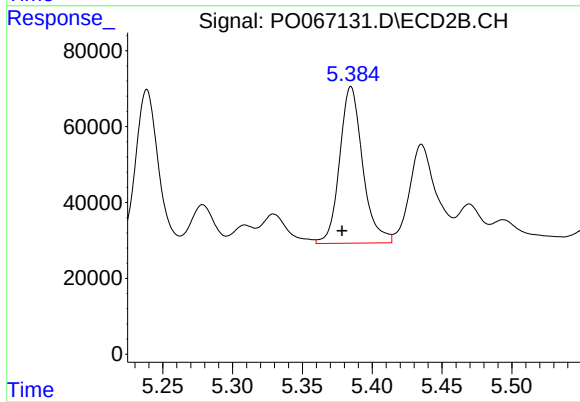
R.T.: 5.239 min
Delta R.T.: 0.007 min
Response: 463719
Conc: 224.96 ng/ml



#27 AR-1254-2

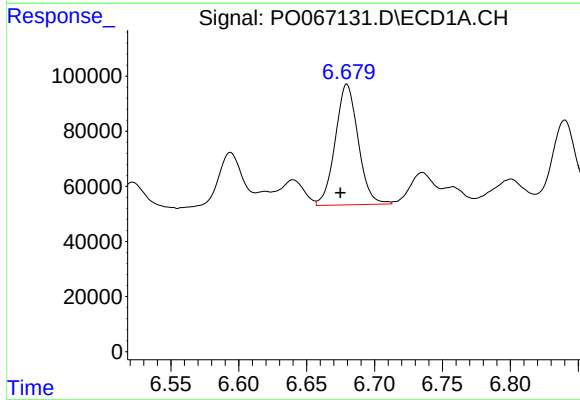
R.T.: 6.317 min
Delta R.T.: 0.005 min
Response: 443630
Conc: 230.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
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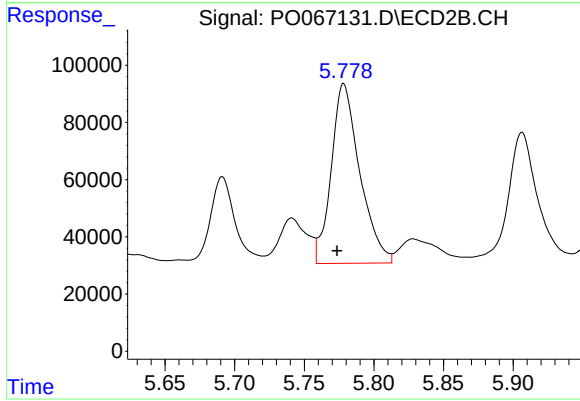
#27 AR-1254-2

R.T.: 5.385 min
Delta R.T.: 0.006 min
Response: 475243
Conc: 258.61 ng/ml



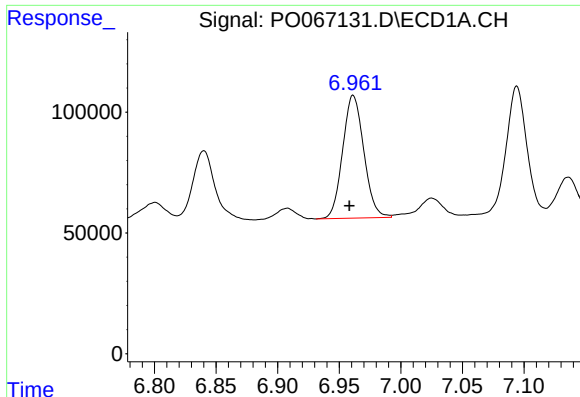
#28 AR-1254-3

R.T.: 6.680 min
Delta R.T.: 0.005 min
Response: 514081
Conc: 255.20 ng/ml



#28 AR-1254-3

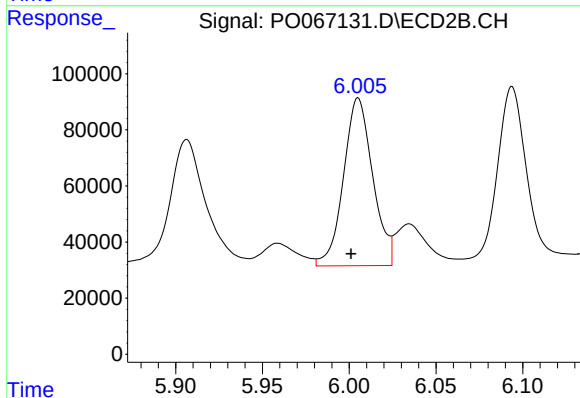
R.T.: 5.778 min
Delta R.T.: 0.005 min
Response: 895708
Conc: 297.64 ng/ml



#29 AR-1254-4

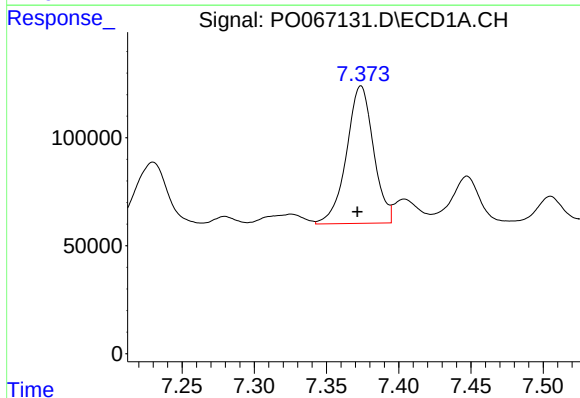
R.T.: 6.961 min
Delta R.T.: 0.003 min
Response: 608973
Conc: 357.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
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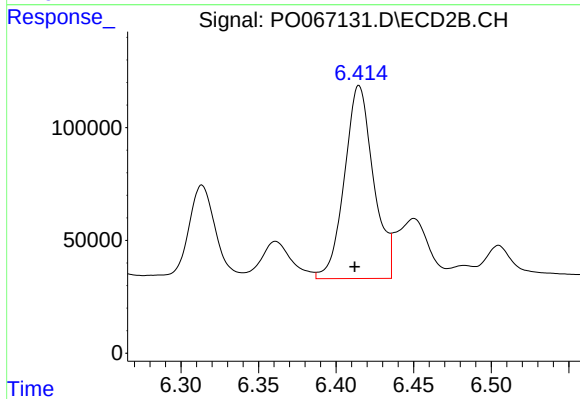
#29 AR-1254-4

R.T.: 6.005 min
Delta R.T.: 0.004 min
Response: 701185
Conc: 388.05 ng/ml



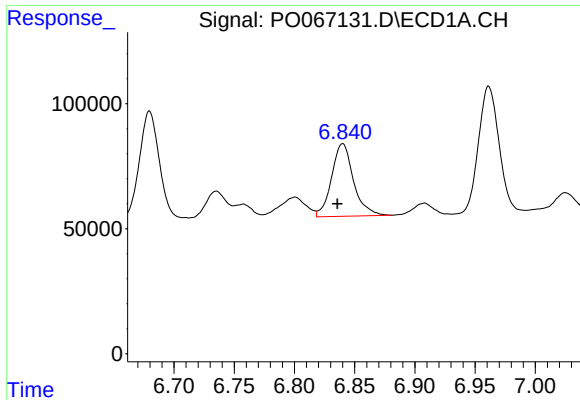
#30 AR-1254-5

R.T.: 7.374 min
Delta R.T.: 0.002 min
Response: 827363
Conc: 469.68 ng/ml



#30 AR-1254-5

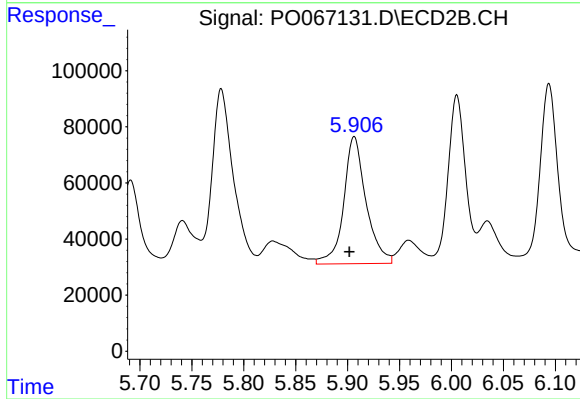
R.T.: 6.415 min
Delta R.T.: 0.003 min
Response: 1114153
Conc: 392.44 ng/ml



#31 AR-1260-1

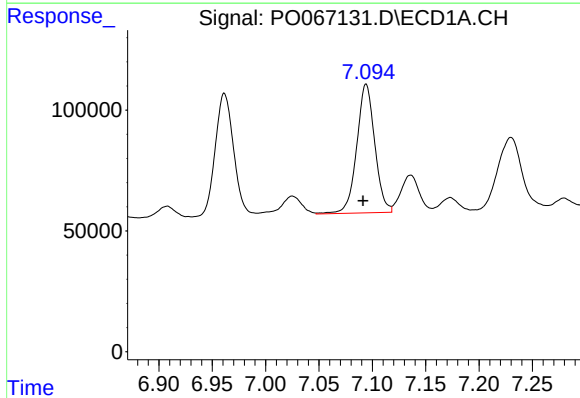
R.T.: 6.840 min
Delta R.T.: 0.004 min
Response: 368984
Conc: 207.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
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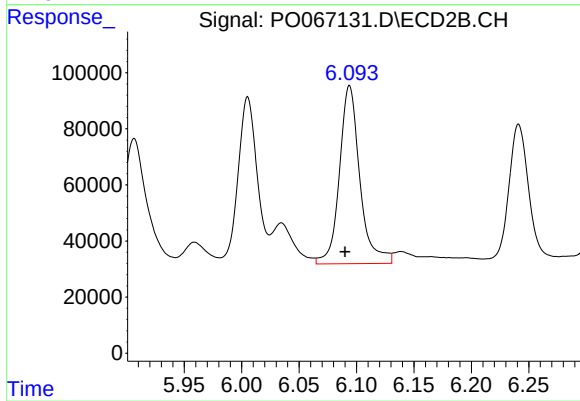
#31 AR-1260-1

R.T.: 5.906 min
Delta R.T.: 0.005 min
Response: 680177
Conc: 283.55 ng/ml



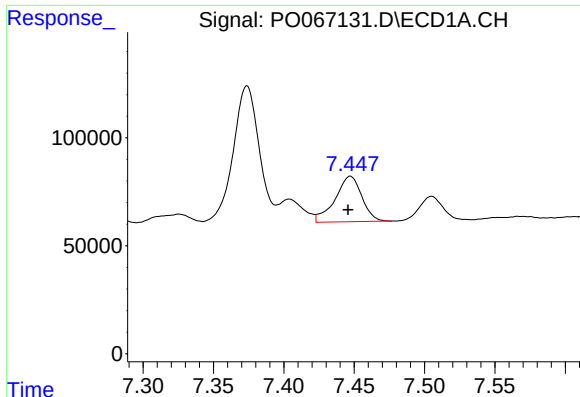
#32 AR-1260-2

R.T.: 7.094 min
Delta R.T.: 0.003 min
Response: 627934
Conc: 240.35 ng/ml



#32 AR-1260-2

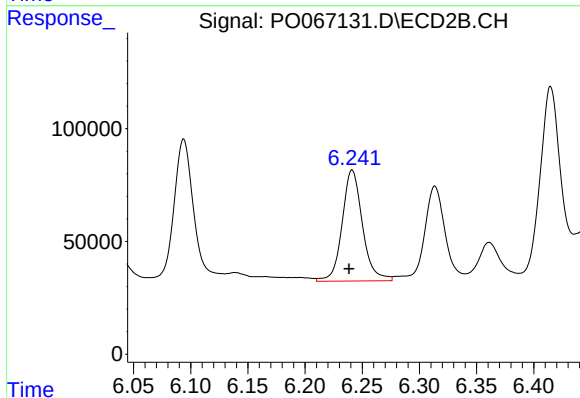
R.T.: 6.094 min
Delta R.T.: 0.004 min
Response: 787779
Conc: 261.07 ng/ml



#33 AR-1260-3

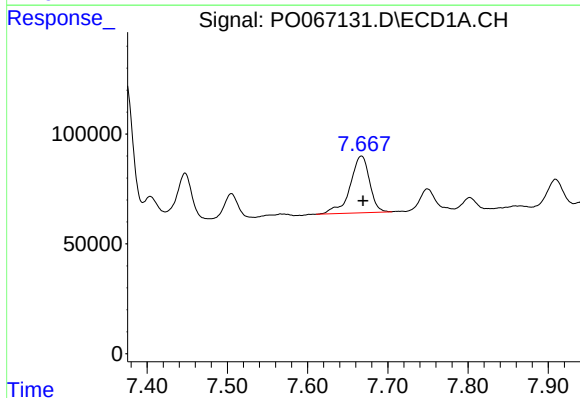
R.T.: 7.447 min
Delta R.T.: 0.002 min
Response: 278872
Conc: 126.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
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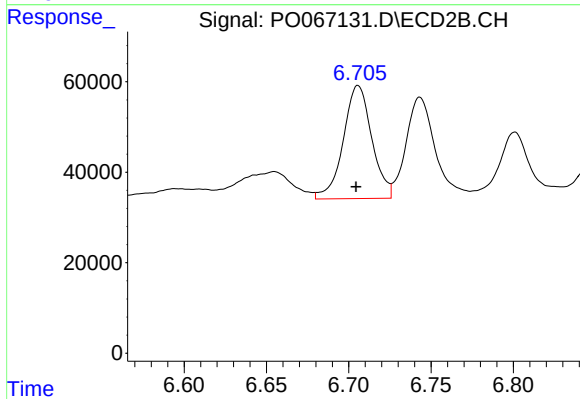
#33 AR-1260-3

R.T.: 6.241 min
Delta R.T.: 0.003 min
Response: 609725
Conc: 219.42 ng/ml



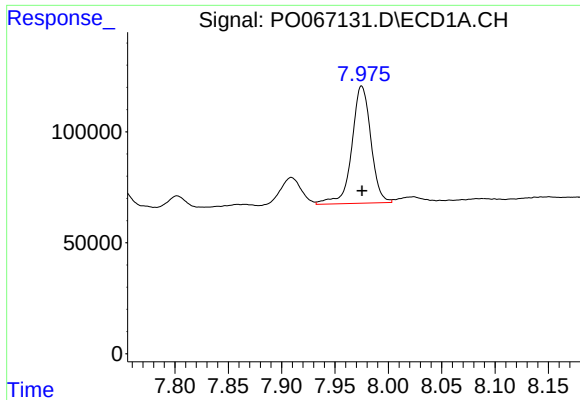
#34 AR-1260-4

R.T.: 7.667 min
Delta R.T.: -0.002 min
Response: 434944
Conc: 213.02 ng/ml



#34 AR-1260-4

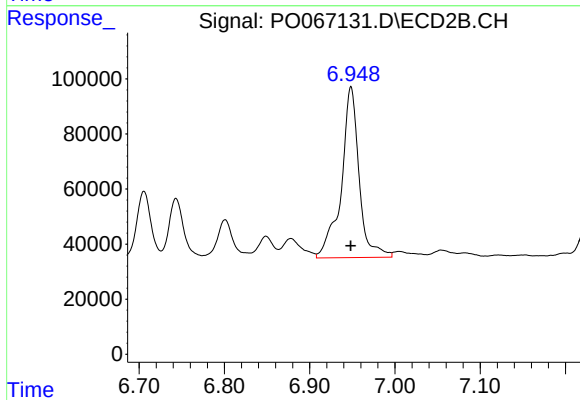
R.T.: 6.706 min
Delta R.T.: 0.001 min
Response: 301687
Conc: 122.91 ng/ml



#35 AR-1260-5

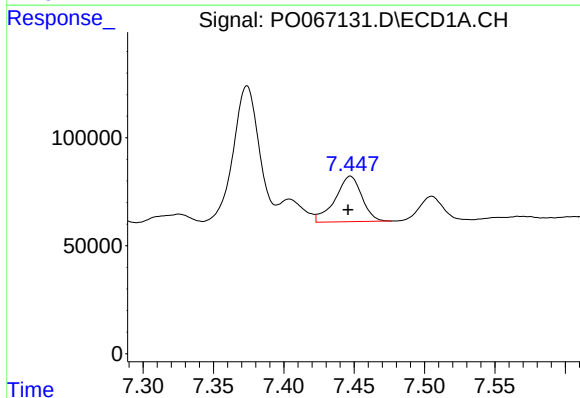
R.T.: 7.975 min
Delta R.T.: 0.000 min
Response: 656230
Conc: 136.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
C-7



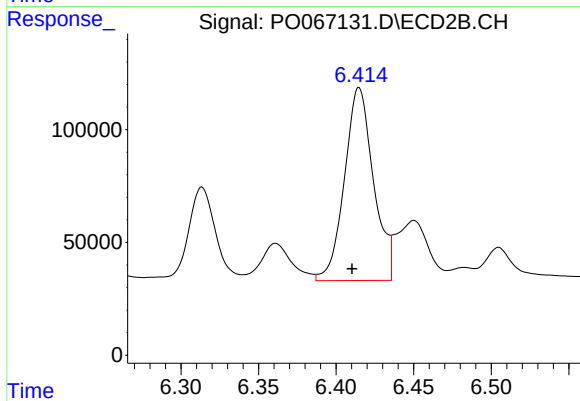
#35 AR-1260-5

R.T.: 6.949 min
Delta R.T.: 0.000 min
Response: 901838
Conc: 154.47 ng/ml



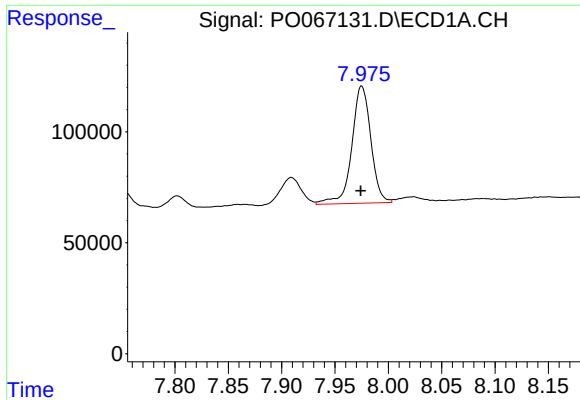
#36 AR-1262-1

R.T.: 7.447 min
Delta R.T.: 0.002 min
Response: 278872
Conc: 104.52 ng/ml



#36 AR-1262-1

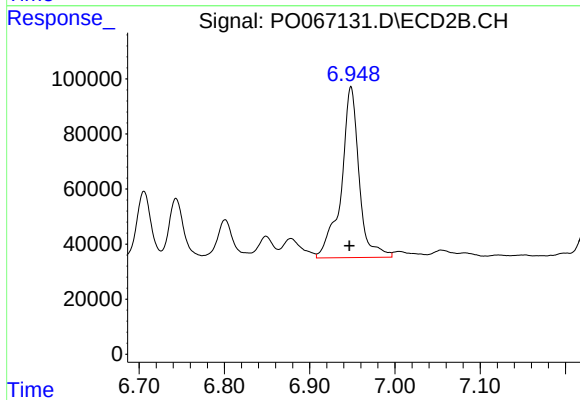
R.T.: 6.415 min
Delta R.T.: 0.004 min
Response: 1114153
Conc: 780.79 ng/ml



#37 AR-1262-2

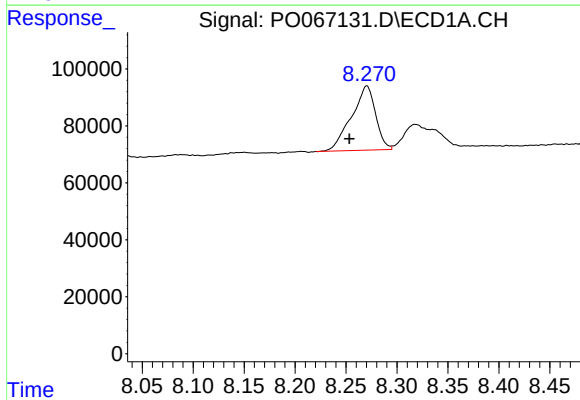
R.T.: 7.975 min
Delta R.T.: 0.000 min
Response: 656230
Conc: 150.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
C-7



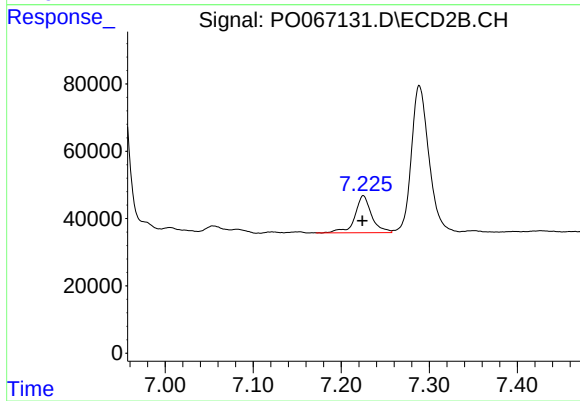
#37 AR-1262-2

R.T.: 6.949 min
Delta R.T.: 0.002 min
Response: 901838
Conc: 174.77 ng/ml



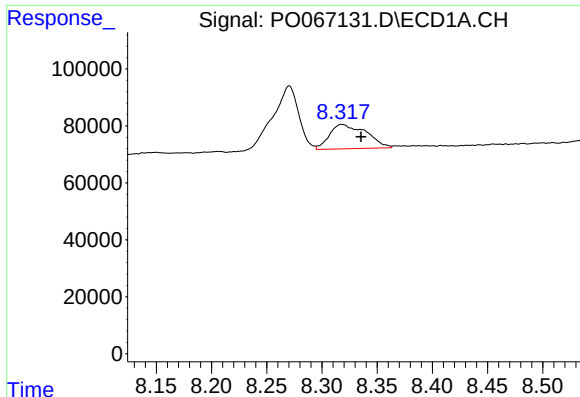
#38 AR-1262-3

R.T.: 8.270 min
Delta R.T.: 0.017 min
Response: 371869
Conc: 133.16 ng/ml



#38 AR-1262-3

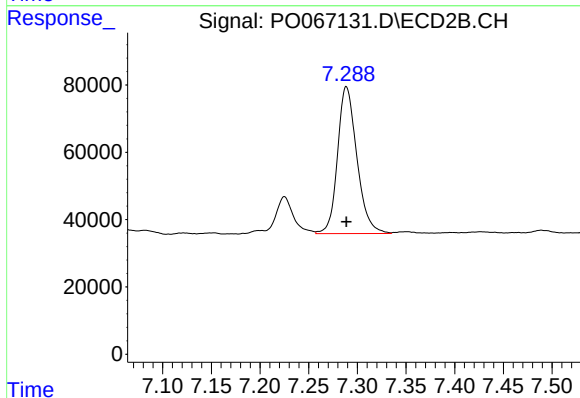
R.T.: 7.225 min
Delta R.T.: 0.000 min
Response: 145514
Conc: 67.92 ng/ml



#39 AR-1262-4

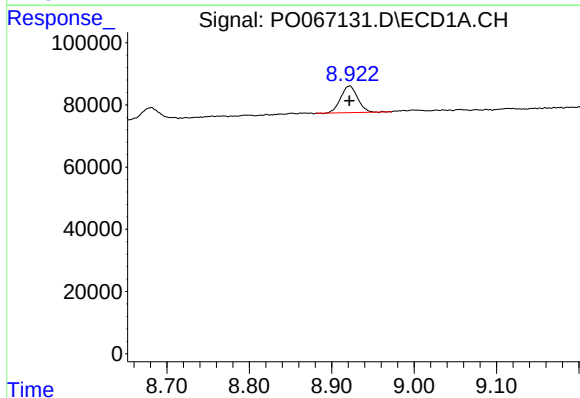
R.T.: 8.318 min
Delta R.T.: -0.017 min
Response: 198862
Conc: 93.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
C-7



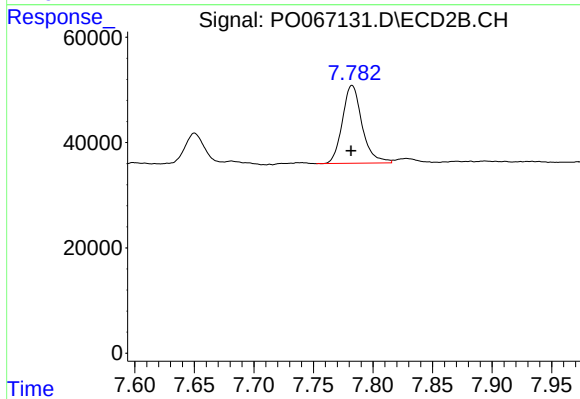
#39 AR-1262-4

R.T.: 7.289 min
Delta R.T.: 0.000 min
Response: 604535
Conc: 152.61 ng/ml



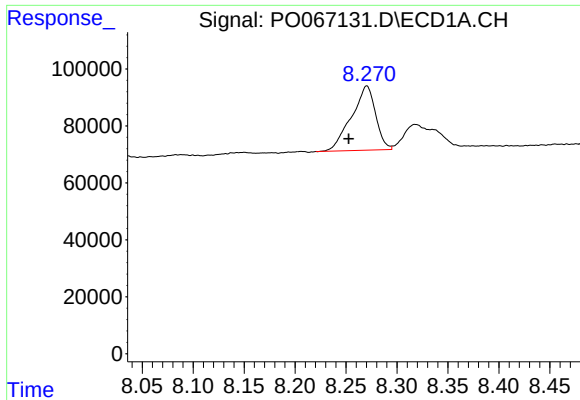
#40 AR-1262-5

R.T.: 8.922 min
Delta R.T.: 0.000 min
Response: 122607
Conc: 87.37 ng/ml



#40 AR-1262-5

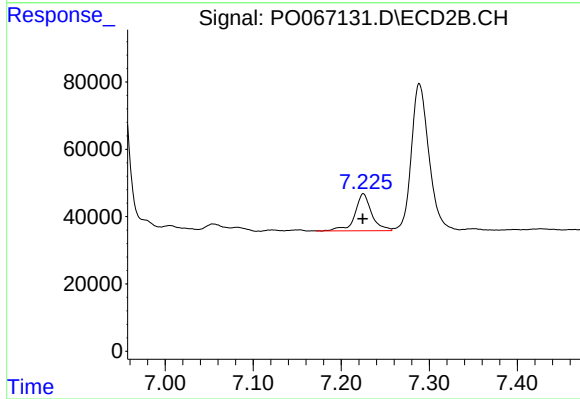
R.T.: 7.782 min
Delta R.T.: 0.000 min
Response: 170443
Conc: 92.17 ng/ml



#41 AR-1268-1

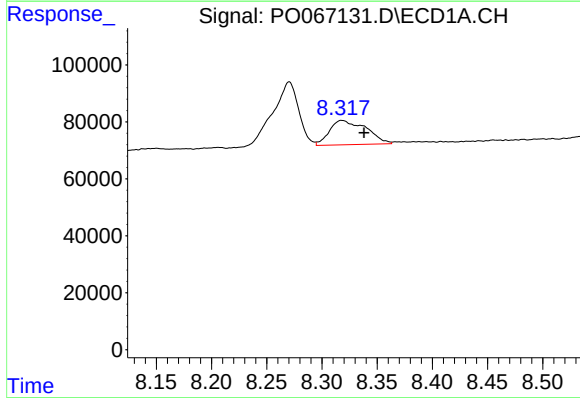
R.T.: 8.270 min
Delta R.T.: 0.018 min
Response: 371869
Conc: 64.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
C-7



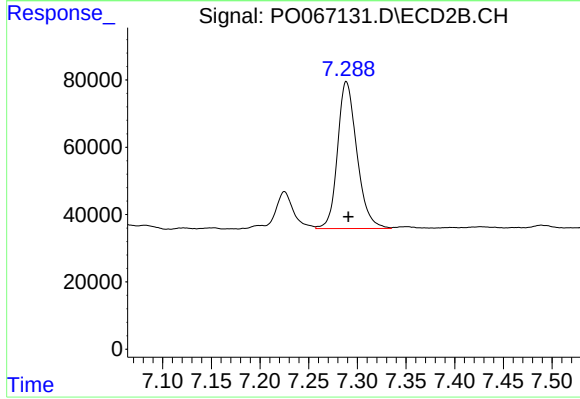
#41 AR-1268-1

R.T.: 7.225 min
Delta R.T.: 0.000 min
Response: 145514
Conc: 22.10 ng/ml



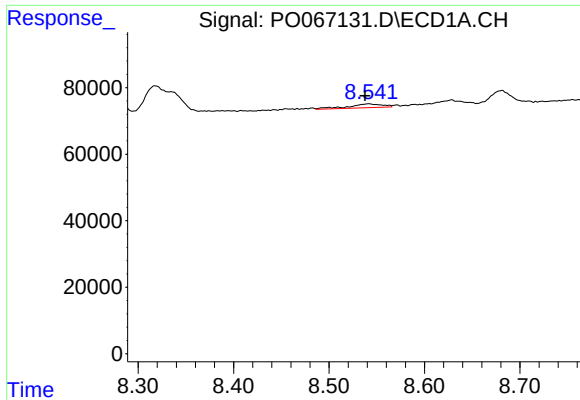
#42 AR-1268-2

R.T.: 8.318 min
Delta R.T.: -0.020 min
Response: 198862
Conc: 40.67 ng/ml



#42 AR-1268-2

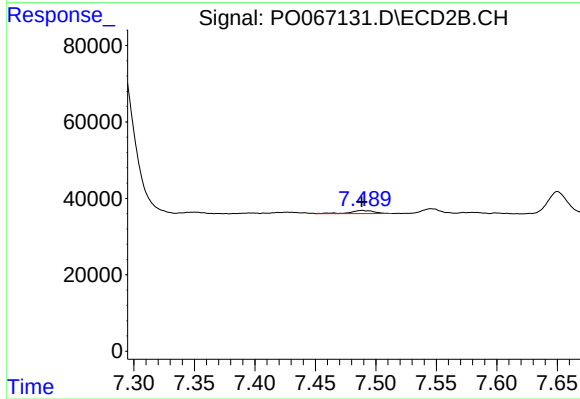
R.T.: 7.289 min
Delta R.T.: -0.002 min
Response: 604535
Conc: 99.39 ng/ml



#43 AR-1268-3

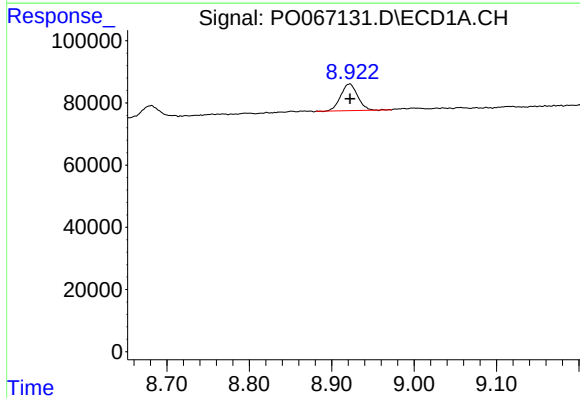
R.T.: 8.542 min
Delta R.T.: 0.004 min
Response: 28199
Conc: 6.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
C-7



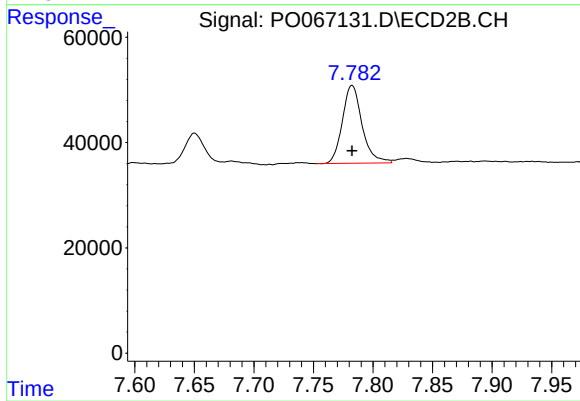
#43 AR-1268-3

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 11462
Conc: 2.27 ng/ml



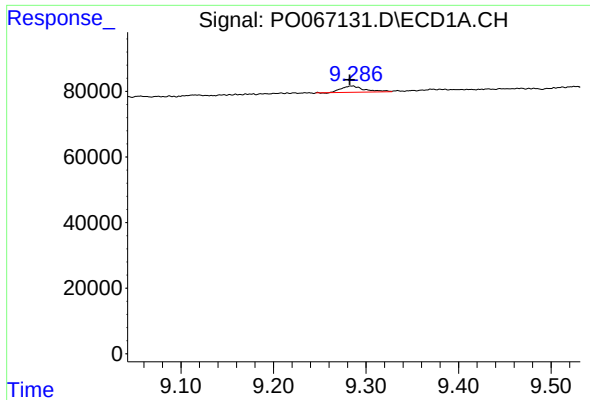
#44 AR-1268-4

R.T.: 8.922 min
Delta R.T.: 0.000 min
Response: 122607
Conc: 72.64 ng/ml



#44 AR-1268-4

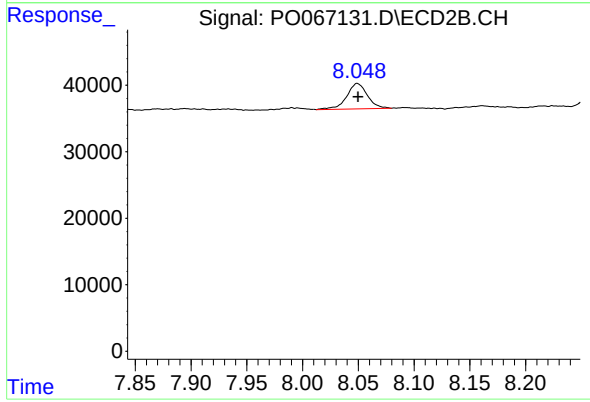
R.T.: 7.782 min
Delta R.T.: 0.000 min
Response: 170443
Conc: 75.29 ng/ml



#45 AR-1268-5

R.T.: 9.285 min
Delta R.T.: 0.002 min
Response: 32774
Conc: 2.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
C-7



#45 AR-1268-5

R.T.: 8.049 min
Delta R.T.: 0.000 min
Response: 49280
Conc: 3.05 ng/ml