

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101321\
 Data File : PO082042.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 13 Oct 2021 16:32
 Operator : AJ\MA
 Sample : M4178-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 02:51:14 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101221.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 13 06:41:28 2021
 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...	4.988	3.976	1315183	731319	23.548	27.001
2)	SA Decachlor...	11.112	9.301	747630	521146	20.614	21.792
Target Compounds							
3)	L1 AR-1016-1	6.321	5.237	863598	545958	442.963	491.380
4)	L1 AR-1016-2	6.345	5.257	1211175	735036	447.015	479.323
5)	L1 AR-1016-3	6.412	5.448	739060	430054	435.804	526.044
6)	L1 AR-1016-4	6.520	5.501	620388	326767	450.353	489.069
7)	L1 AR-1016-5	6.838	5.730	637617	435739	477.181	557.078
8)	L2 AR-1221-1	5.238	4.235	243796	60666	353.085	180.009 #
9)	L2 AR-1221-2	5.338	4.334	372140	73668	752.871	283.085 #
10)	L2 AR-1221-3	5.429	4.423	877614	287288	589.812	348.355 #
11)	L3 AR-1232-1	5.429	4.423	877614	287288	771.147	458.561 #
12)	L3 AR-1232-2	6.024	5.257	946401	735036	1505.916	1095.551 #
13)	L3 AR-1232-3	6.345	5.448	1211175	430054	1040.098	1218.334
14)	L3 AR-1232-4	6.520	5.546	620388	405903	1043.389	1305.693 #
15)	L3 AR-1232-5	6.619	5.730	487491	435739	1167.911	1312.999
16)	L4 AR-1242-1	6.321	5.237	863598	545958	597.649	636.638
17)	L4 AR-1242-2	6.345	5.257	1211175	735036	603.236	632.360
18)	L4 AR-1242-3	6.412	5.448	739060	430054	587.389	685.012
19)	L4 AR-1242-4	6.520	5.546	620388	405903	601.485	673.606
20)	L4 AR-1242-5	7.310	6.111	193200	366025	188.302	457.448 #
21)	L5 AR-1248-1	6.321	5.237	863598	545958	767.709	797.436
22)	L5 AR-1248-2	6.619	5.501	487491	326767	347.996	369.094
23)	L5 AR-1248-3	6.838	5.546	637617	405903	381.015	473.877
24)	L5 AR-1248-4	7.270	5.730	146606	435739	81.694	412.269 #
25)	L5 AR-1248-5	7.310	6.154	193200	67905	112.560	67.643 #
26)	L6 AR-1254-1	7.239	6.111	532386	366025	294.595	235.827
27)	L6 AR-1254-2	7.470	6.272	681248	360401	247.949	260.174
28)	L6 AR-1254-3	7.855	6.694	391887	180421	144.646	85.954 #
29)	L6 AR-1254-4	8.150	6.933	250538	76580	122.422	54.514 #
30)	L6 AR-1254-5	8.583	7.364	1499257	1063110	672.368	546.121
31)	L7 AR-1260-1	8.022	6.831	1325332	791457	635.359	529.763
32)	L7 AR-1260-2	8.290	7.030	1348587	949504	541.450	524.087
33)	L7 AR-1260-3	8.658	7.184	812038	811935	478.173	468.574
34)	L7 AR-1260-4	8.890	7.670	982509	589057	482.501	473.913
35)	L7 AR-1260-5	9.226	7.919	1729205	1440777	465.442	484.541
36)	L8 AR-1262-1	8.658	7.364	812038	1063110	174.190	532.746 #
37)	L8 AR-1262-2	9.226	7.919	1729205	1440777	214.198	214.441
38)	L8 AR-1262-3	9.568f	8.207	1227375	288049	311.960	107.139 #
39)	L8 AR-1262-4	9.621f	8.269	679578	1024485	298.664	206.857 #
40)	L8 AR-1262-5	10.332	8.769	482823	326282	153.763	140.783
41)	L9 AR-1268-1	9.568f	8.207	1227375	288049	129.289	37.047 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101321\
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 Acq On : 13 Oct 2021 16:32
 Operator : AJ\MA
 Sample : M4178-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

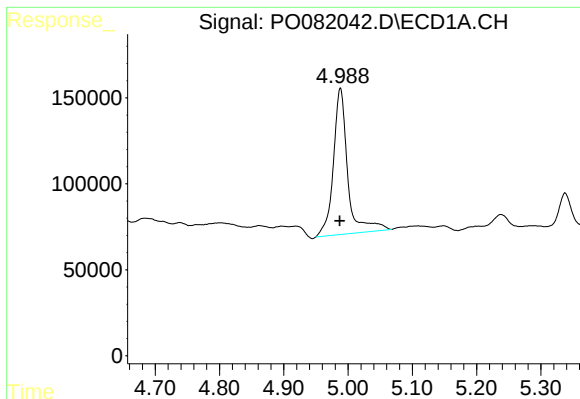
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 02:51:14 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101221.M
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Volume Inj. : 2 µl
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.621f	8.269	679578	1024485	77.160	144.592 #
43) L9	AR-1268-3	9.877	0.000	99861	0	13.407	N.D. #
44) L9	AR-1268-4	10.332	8.769	482823	326282	141.420	128.756
45) L9	AR-1268-5	10.762	9.052	142462	120345	5.990	6.453

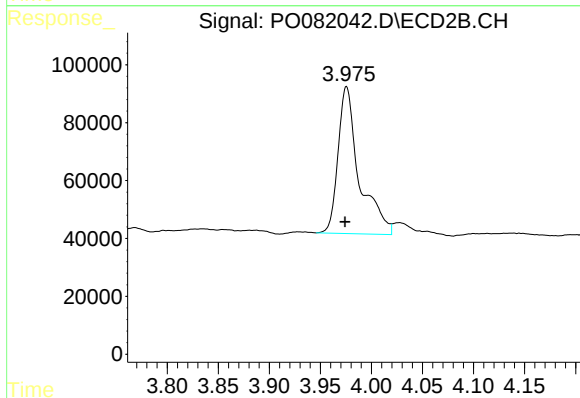
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

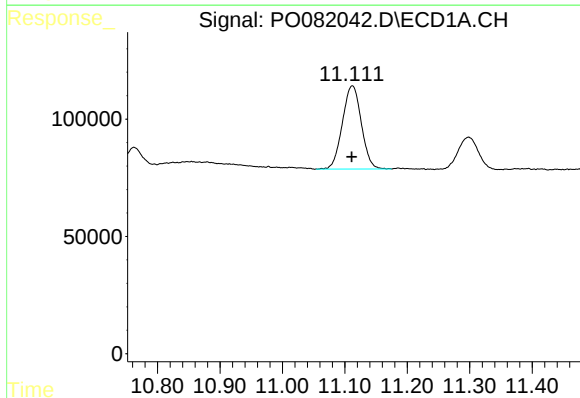
R.T.: 4.988 min
Delta R.T.: 0.001 min
Response: 1315183
Conc: 23.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



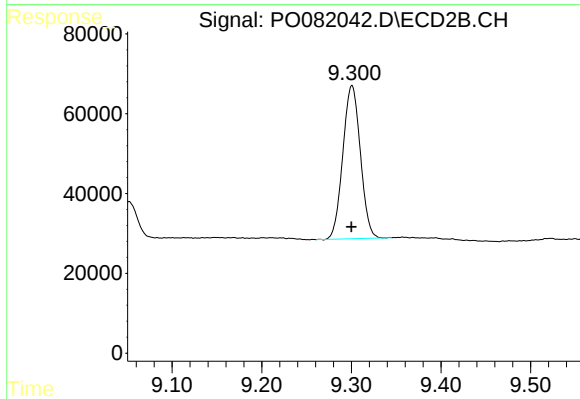
#1 Tetrachloro-m-xylene

R.T.: 3.976 min
Delta R.T.: 0.001 min
Response: 731319
Conc: 27.00 ng/ml



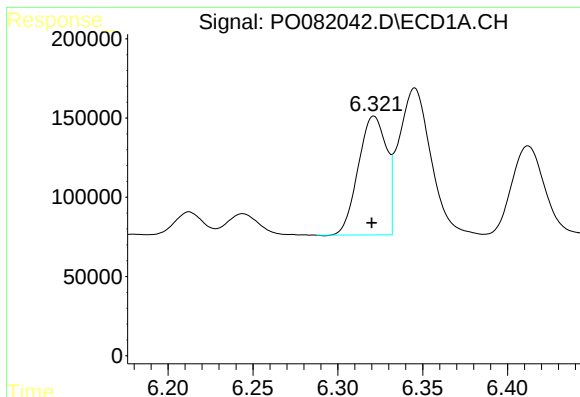
#2 Decachlorobiphenyl

R.T.: 11.112 min
Delta R.T.: 0.001 min
Response: 747630
Conc: 20.61 ng/ml



#2 Decachlorobiphenyl

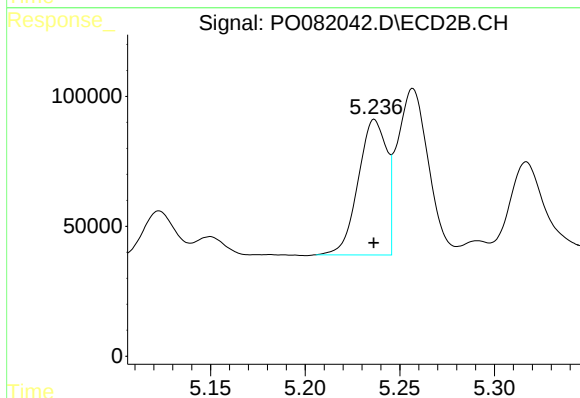
R.T.: 9.301 min
Delta R.T.: 0.000 min
Response: 521146
Conc: 21.79 ng/ml



#3 AR-1016-1

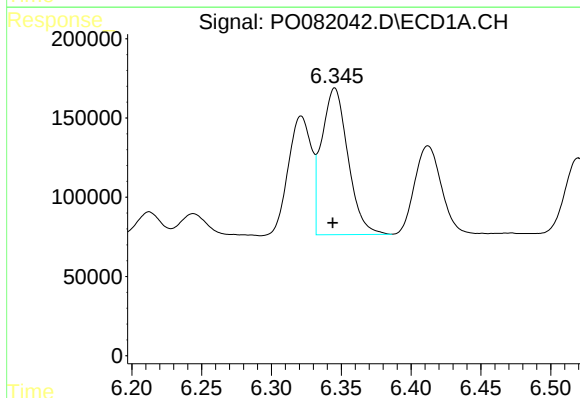
R.T.: 6.321 min
Delta R.T.: 0.001 min
Response: 863598
Conc: 442.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



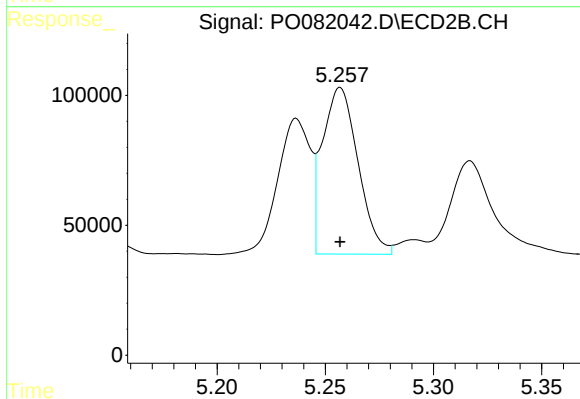
#3 AR-1016-1

R.T.: 5.237 min
Delta R.T.: 0.000 min
Response: 545958
Conc: 491.38 ng/ml



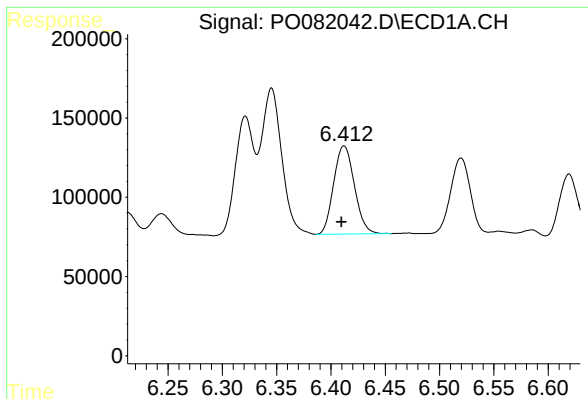
#4 AR-1016-2

R.T.: 6.345 min
Delta R.T.: 0.002 min
Response: 1211175
Conc: 447.01 ng/ml



#4 AR-1016-2

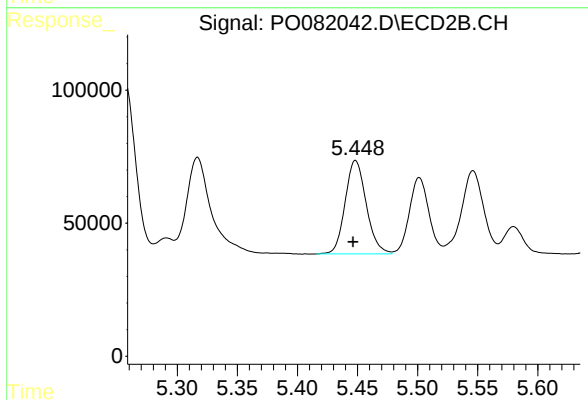
R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 735036
Conc: 479.32 ng/ml



#5 AR-1016-3

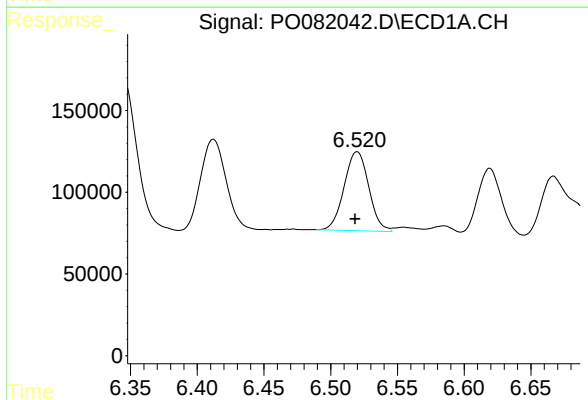
R.T.: 6.412 min
Delta R.T.: 0.002 min
Response: 739060
Conc: 435.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



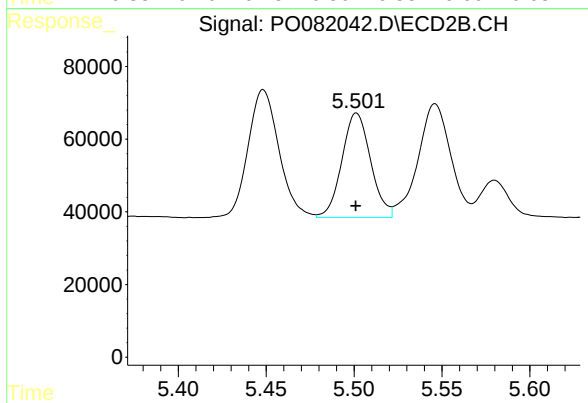
#5 AR-1016-3

R.T.: 5.448 min
Delta R.T.: 0.002 min
Response: 430054
Conc: 526.04 ng/ml



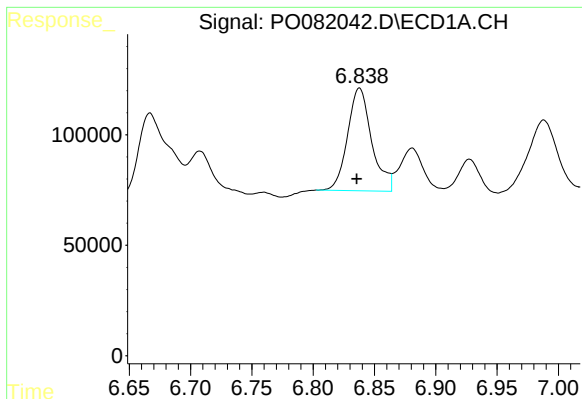
#6 AR-1016-4

R.T.: 6.520 min
Delta R.T.: 0.002 min
Response: 620388
Conc: 450.35 ng/ml



#6 AR-1016-4

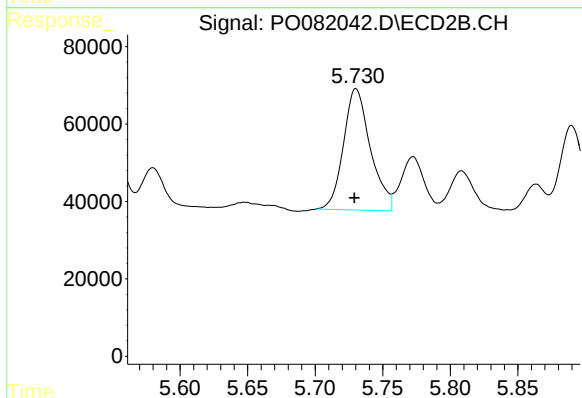
R.T.: 5.501 min
Delta R.T.: 0.000 min
Response: 326767
Conc: 489.07 ng/ml



#7 AR-1016-5

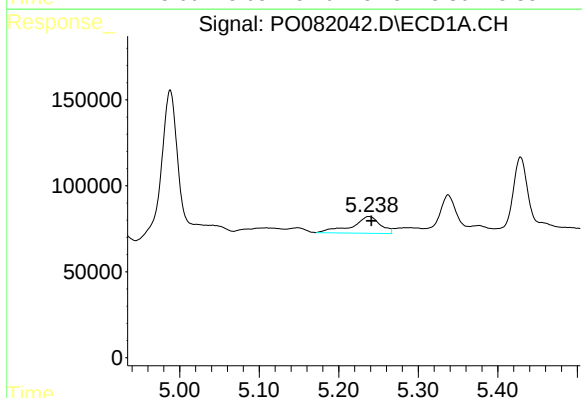
R.T.: 6.838 min
Delta R.T.: 0.002 min
Response: 637617
Conc: 477.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



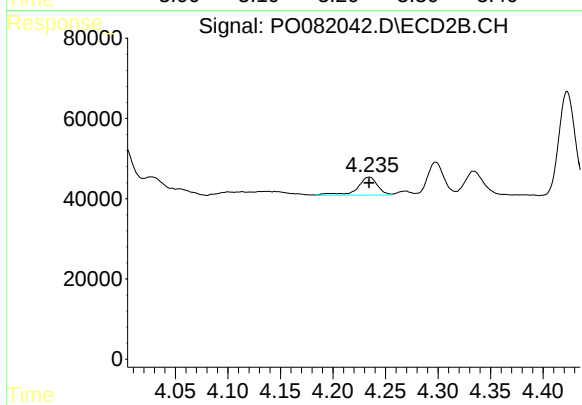
#7 AR-1016-5

R.T.: 5.730 min
Delta R.T.: 0.001 min
Response: 435739
Conc: 557.08 ng/ml



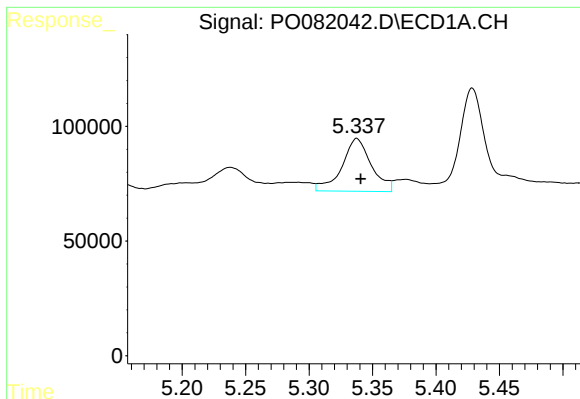
#8 AR-1221-1

R.T.: 5.238 min
Delta R.T.: -0.003 min
Response: 243796
Conc: 353.08 ng/ml



#8 AR-1221-1

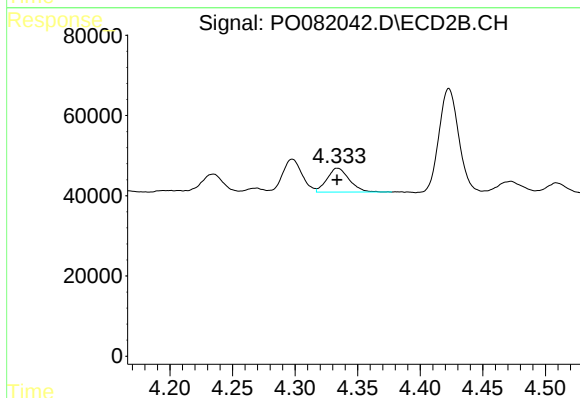
R.T.: 4.235 min
Delta R.T.: 0.000 min
Response: 60666
Conc: 180.01 ng/ml



#9 AR-1221-2

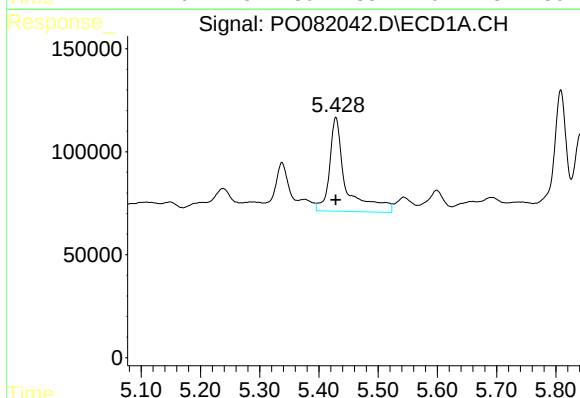
R.T.: 5.338 min
Delta R.T.: -0.003 min
Response: 372140
Conc: 752.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



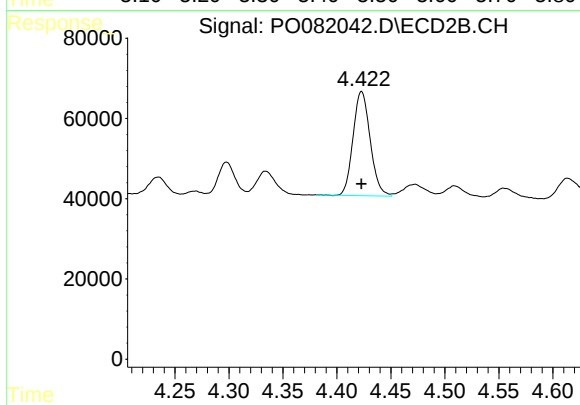
#9 AR-1221-2

R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 73668
Conc: 283.09 ng/ml



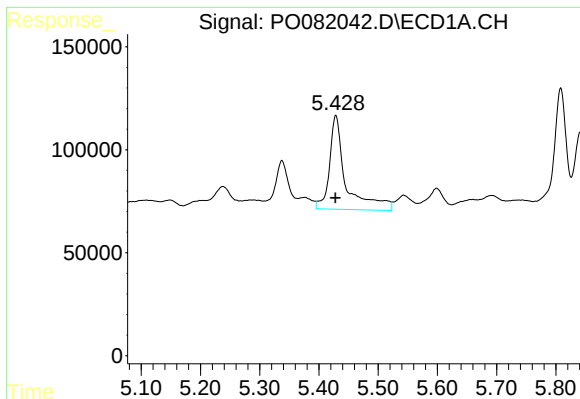
#10 AR-1221-3

R.T.: 5.429 min
Delta R.T.: 0.000 min
Response: 877614
Conc: 589.81 ng/ml



#10 AR-1221-3

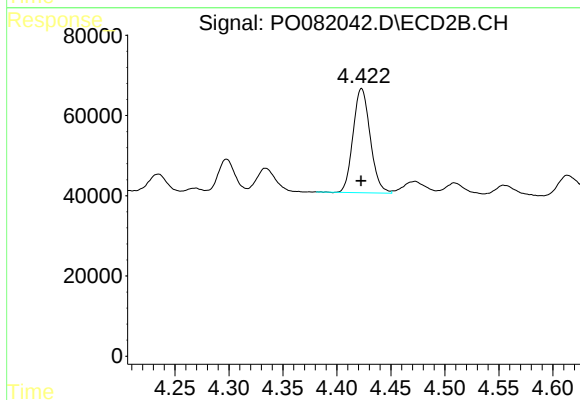
R.T.: 4.423 min
Delta R.T.: 0.000 min
Response: 287288
Conc: 348.36 ng/ml



#11 AR-1232-1

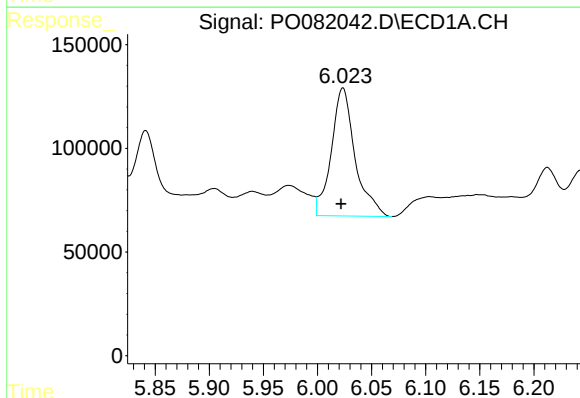
R.T.: 5.429 min
Delta R.T.: 0.000 min
Response: 877614
Conc: 771.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



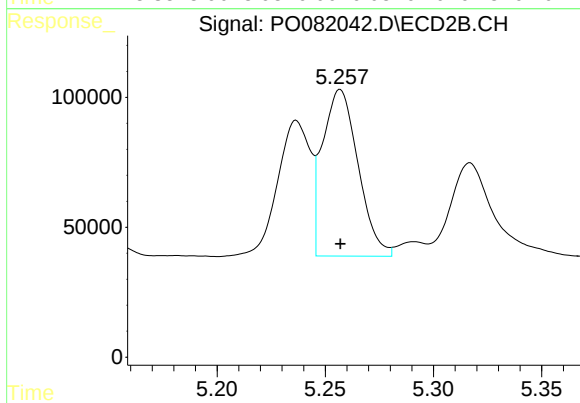
#11 AR-1232-1

R.T.: 4.423 min
Delta R.T.: 0.000 min
Response: 287288
Conc: 458.56 ng/ml



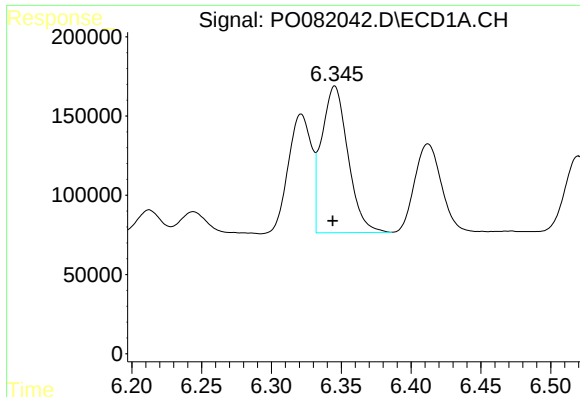
#12 AR-1232-2

R.T.: 6.024 min
Delta R.T.: 0.002 min
Response: 946401
Conc: 1505.92 ng/ml



#12 AR-1232-2

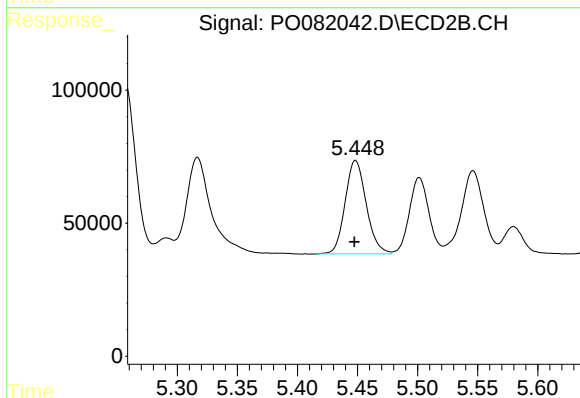
R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 735036
Conc: 1095.55 ng/ml



#13 AR-1232-3

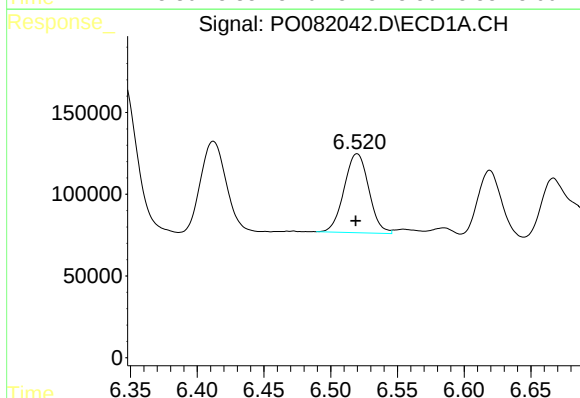
R.T.: 6.345 min
Delta R.T.: 0.001 min
Response: 1211175
Conc: 1040.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



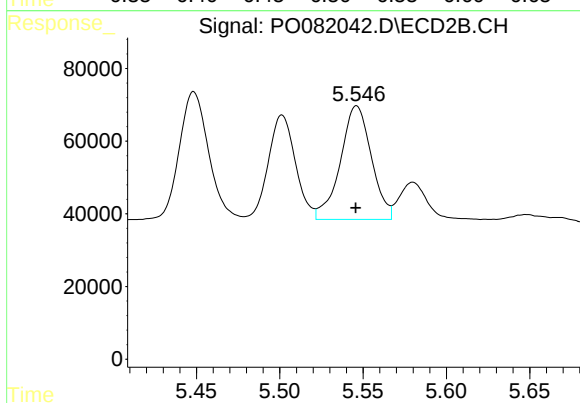
#13 AR-1232-3

R.T.: 5.448 min
Delta R.T.: 0.001 min
Response: 430054
Conc: 1218.33 ng/ml



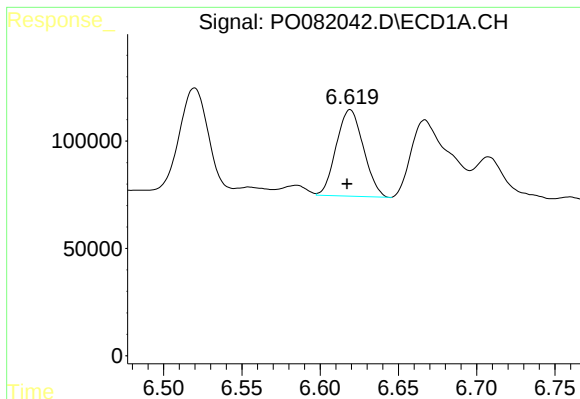
#14 AR-1232-4

R.T.: 6.520 min
Delta R.T.: 0.000 min
Response: 620388
Conc: 1043.39 ng/ml



#14 AR-1232-4

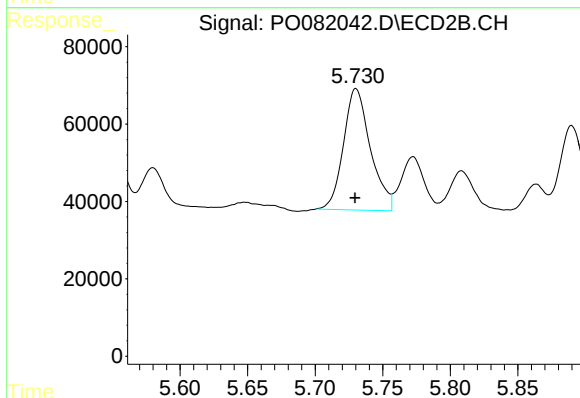
R.T.: 5.546 min
Delta R.T.: 0.000 min
Response: 405903
Conc: 1305.69 ng/ml



#15 AR-1232-5

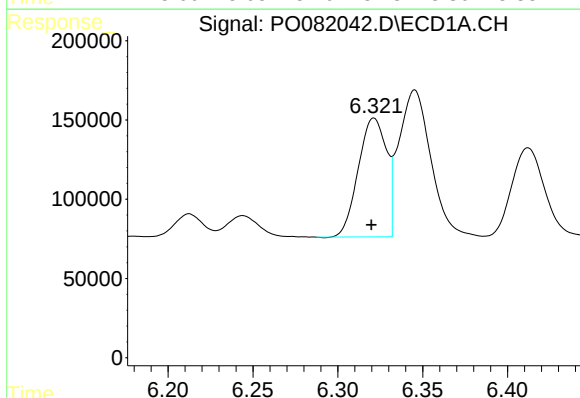
R.T.: 6.619 min
Delta R.T.: 0.002 min
Response: 487491
Conc: 1167.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



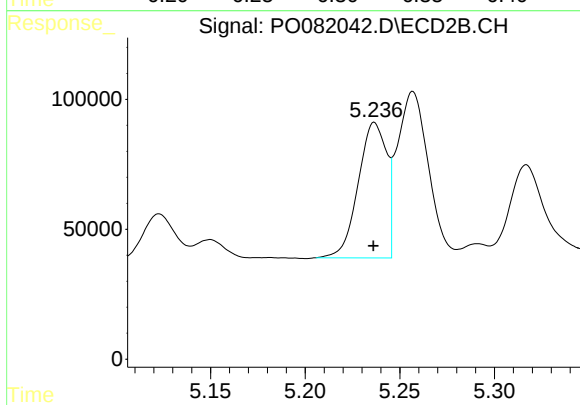
#15 AR-1232-5

R.T.: 5.730 min
Delta R.T.: 0.000 min
Response: 435739
Conc: 1313.00 ng/ml



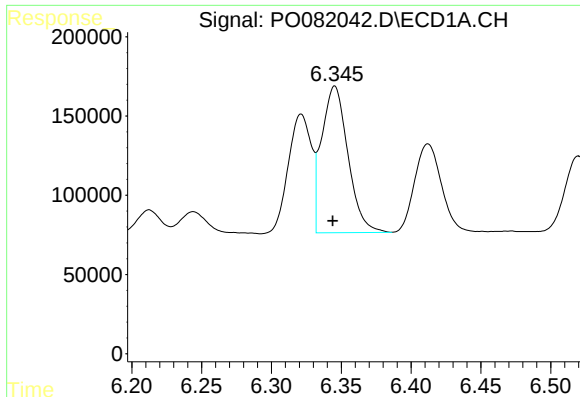
#16 AR-1242-1

R.T.: 6.321 min
Delta R.T.: 0.001 min
Response: 863598
Conc: 597.65 ng/ml



#16 AR-1242-1

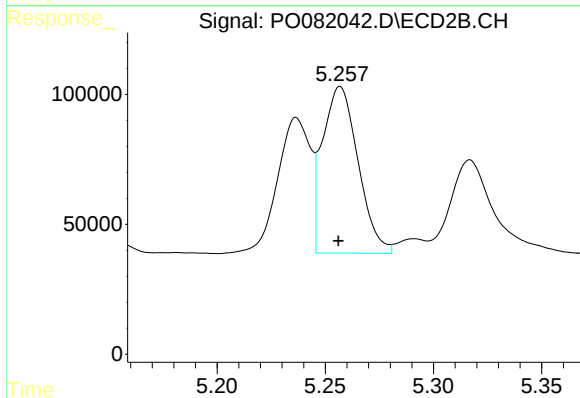
R.T.: 5.237 min
Delta R.T.: 0.000 min
Response: 545958
Conc: 636.64 ng/ml



#17 AR-1242-2

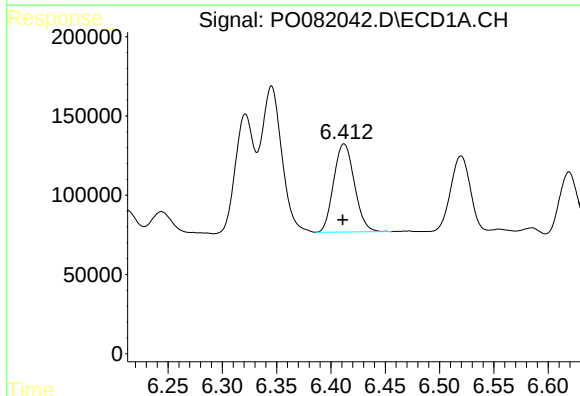
R.T.: 6.345 min
Delta R.T.: 0.002 min
Response: 1211175
Conc: 603.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



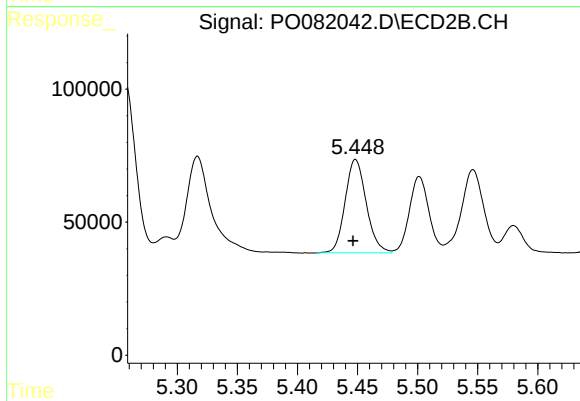
#17 AR-1242-2

R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 735036
Conc: 632.36 ng/ml



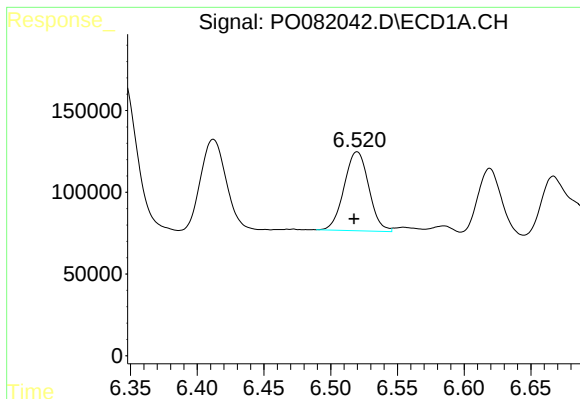
#18 AR-1242-3

R.T.: 6.412 min
Delta R.T.: 0.001 min
Response: 739060
Conc: 587.39 ng/ml



#18 AR-1242-3

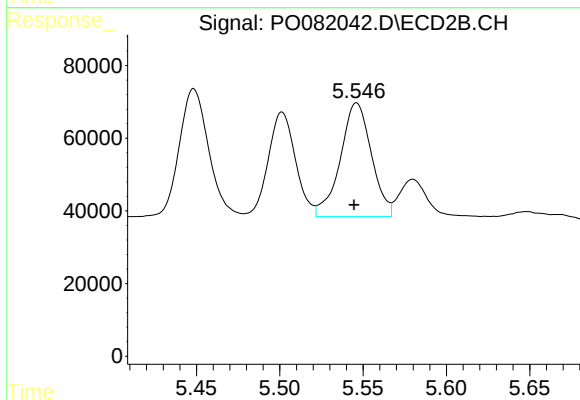
R.T.: 5.448 min
Delta R.T.: 0.002 min
Response: 430054
Conc: 685.01 ng/ml



#19 AR-1242-4

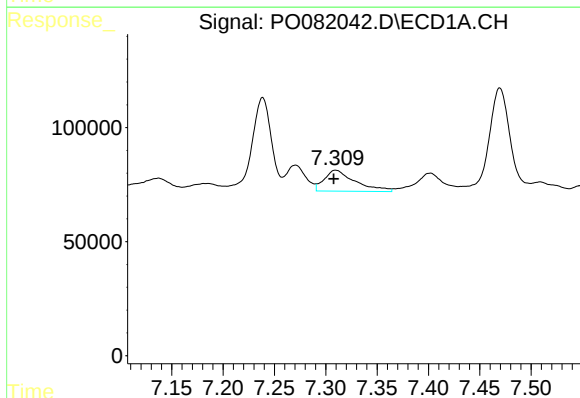
R.T.: 6.520 min
Delta R.T.: 0.002 min
Response: 620388
Conc: 601.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



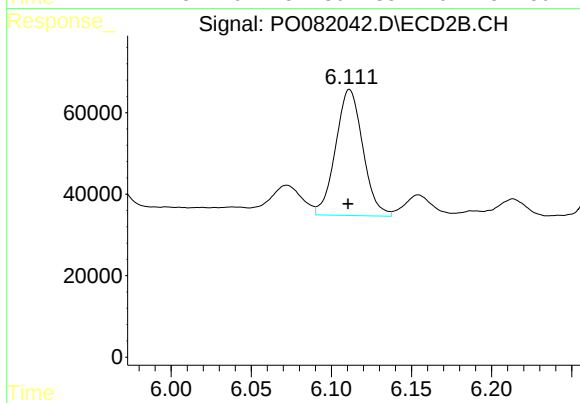
#19 AR-1242-4

R.T.: 5.546 min
Delta R.T.: 0.002 min
Response: 405903
Conc: 673.61 ng/ml



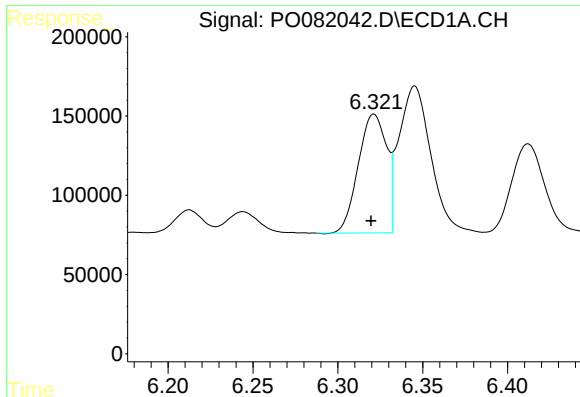
#20 AR-1242-5

R.T.: 7.310 min
Delta R.T.: 0.002 min
Response: 193200
Conc: 188.30 ng/ml



#20 AR-1242-5

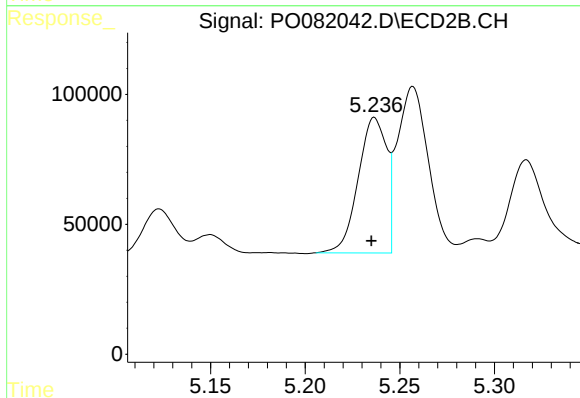
R.T.: 6.111 min
Delta R.T.: 0.001 min
Response: 366025
Conc: 457.45 ng/ml



#21 AR-1248-1

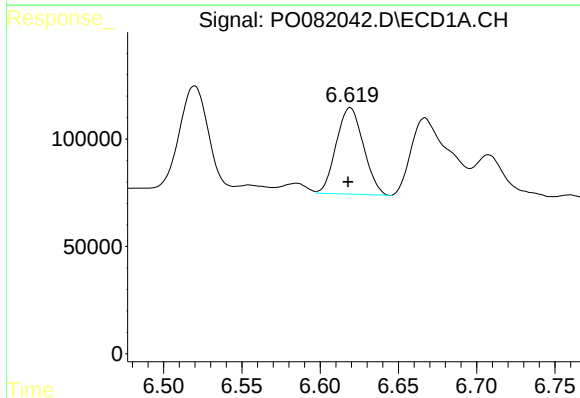
R.T.: 6.321 min
Delta R.T.: 0.002 min
Response: 863598
Conc: 767.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



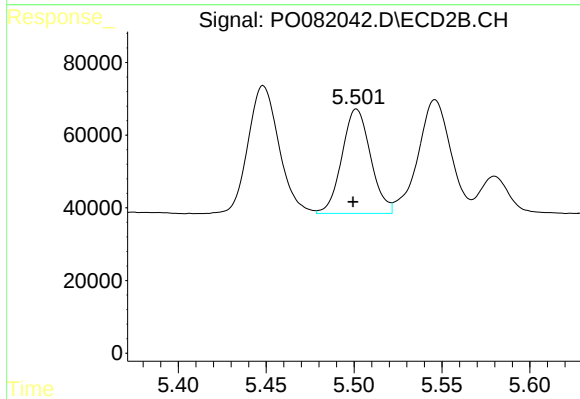
#21 AR-1248-1

R.T.: 5.237 min
Delta R.T.: 0.002 min
Response: 545958
Conc: 797.44 ng/ml



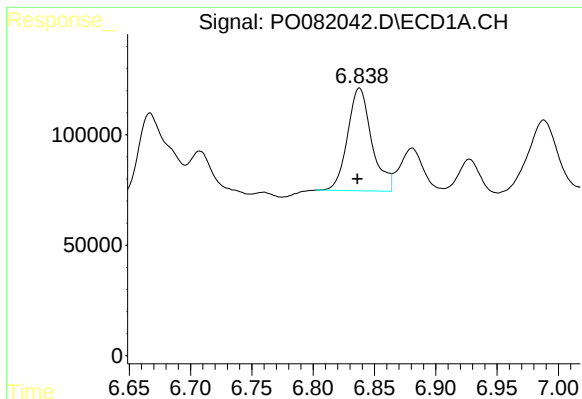
#22 AR-1248-2

R.T.: 6.619 min
Delta R.T.: 0.001 min
Response: 487491
Conc: 348.00 ng/ml



#22 AR-1248-2

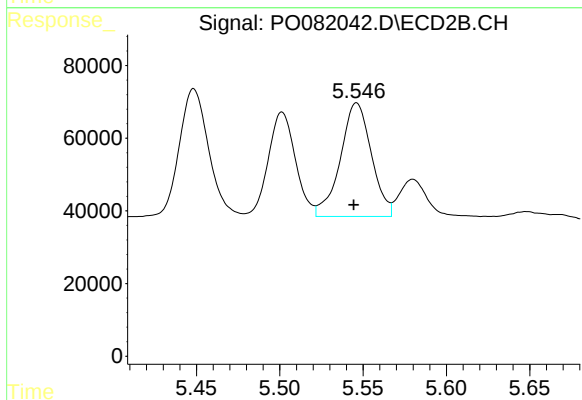
R.T.: 5.501 min
Delta R.T.: 0.002 min
Response: 326767
Conc: 369.09 ng/ml



#23 AR-1248-3

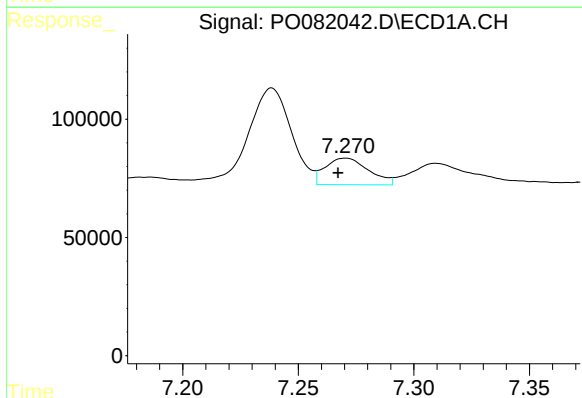
R.T.: 6.838 min
Delta R.T.: 0.002 min
Response: 637617
Conc: 381.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



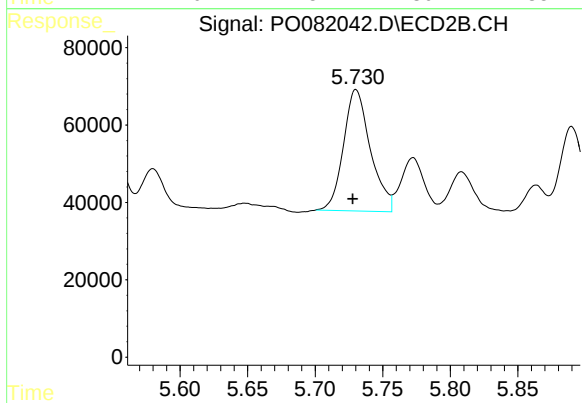
#23 AR-1248-3

R.T.: 5.546 min
Delta R.T.: 0.002 min
Response: 405903
Conc: 473.88 ng/ml



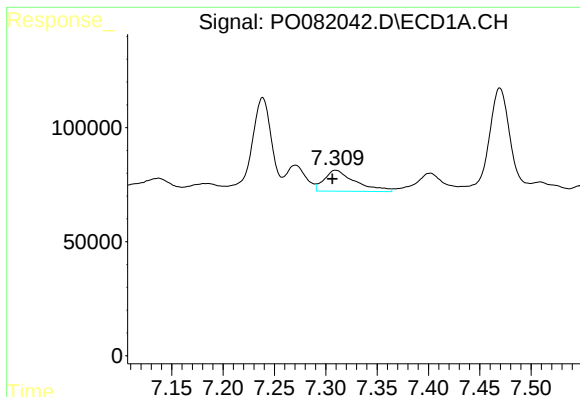
#24 AR-1248-4

R.T.: 7.270 min
Delta R.T.: 0.003 min
Response: 146606
Conc: 81.69 ng/ml



#24 AR-1248-4

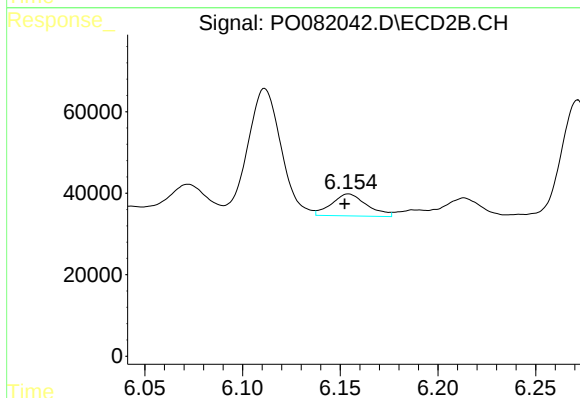
R.T.: 5.730 min
Delta R.T.: 0.003 min
Response: 435739
Conc: 412.27 ng/ml



#25 AR-1248-5

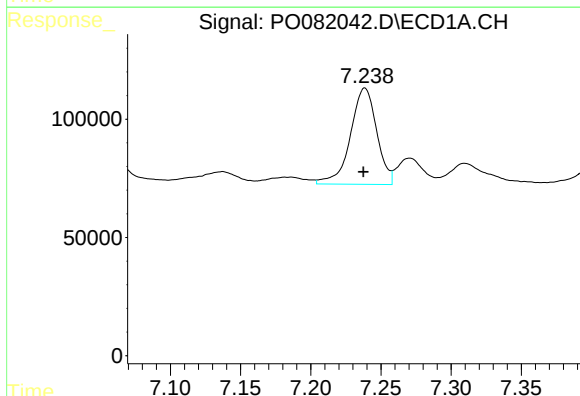
R.T.: 7.310 min
Delta R.T.: 0.003 min
Response: 193200
Conc: 112.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



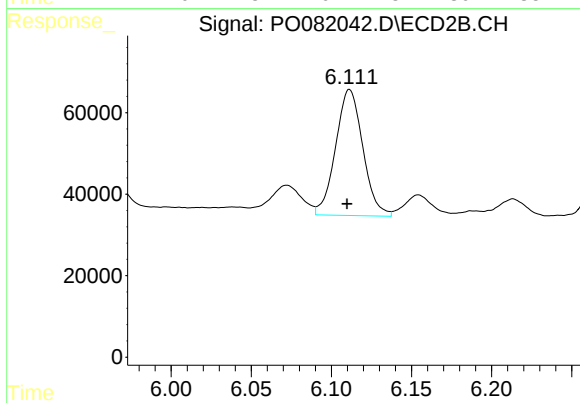
#25 AR-1248-5

R.T.: 6.154 min
Delta R.T.: 0.002 min
Response: 67905
Conc: 67.64 ng/ml



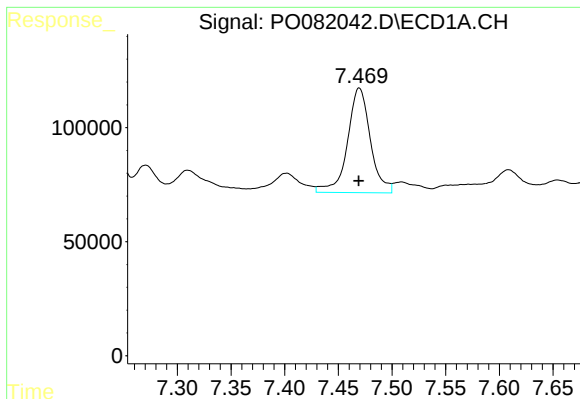
#26 AR-1254-1

R.T.: 7.239 min
Delta R.T.: 0.001 min
Response: 532386
Conc: 294.60 ng/ml



#26 AR-1254-1

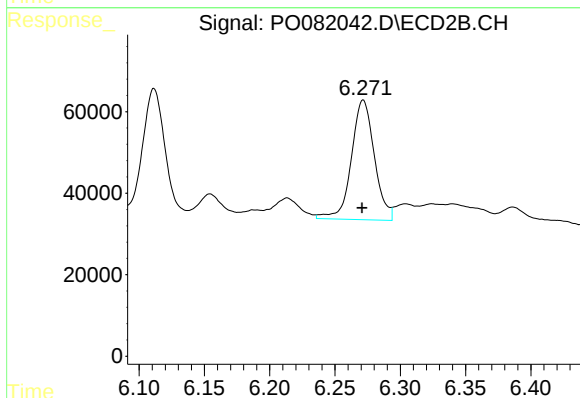
R.T.: 6.111 min
Delta R.T.: 0.002 min
Response: 366025
Conc: 235.83 ng/ml



#27 AR-1254-2

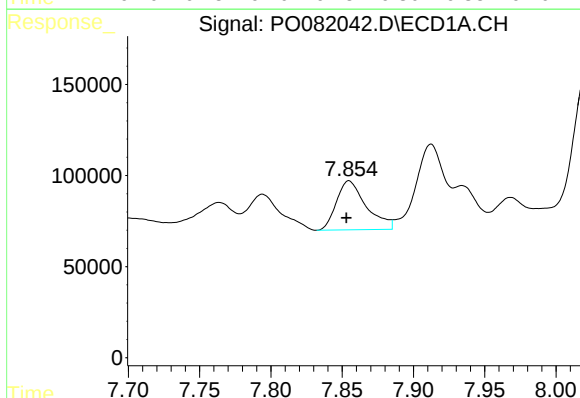
R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 681248
Conc: 247.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



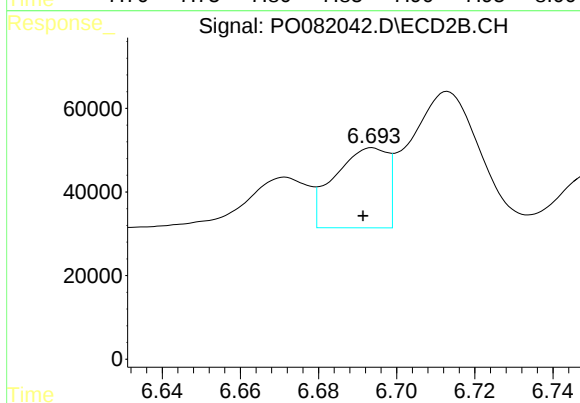
#27 AR-1254-2

R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 360401
Conc: 260.17 ng/ml



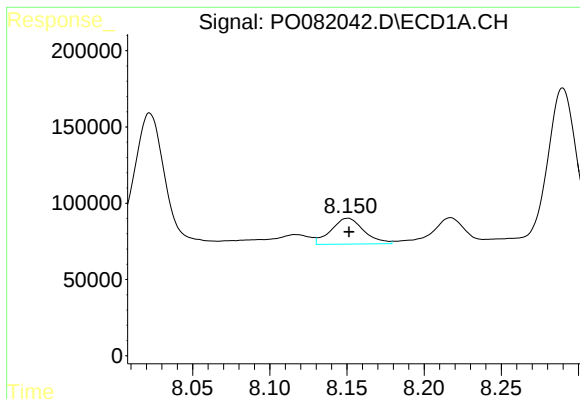
#28 AR-1254-3

R.T.: 7.855 min
Delta R.T.: 0.002 min
Response: 391887
Conc: 144.65 ng/ml



#28 AR-1254-3

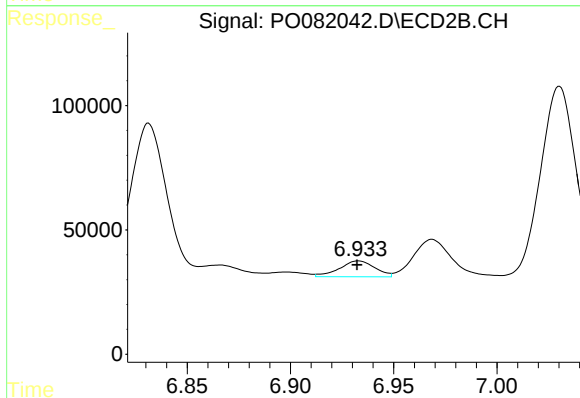
R.T.: 6.694 min
Delta R.T.: 0.003 min
Response: 180421
Conc: 85.95 ng/ml



#29 AR-1254-4

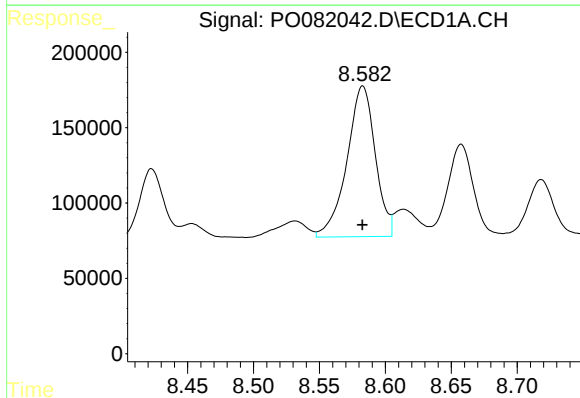
R.T.: 8.150 min
Delta R.T.: 0.000 min
Response: 250538
Conc: 122.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



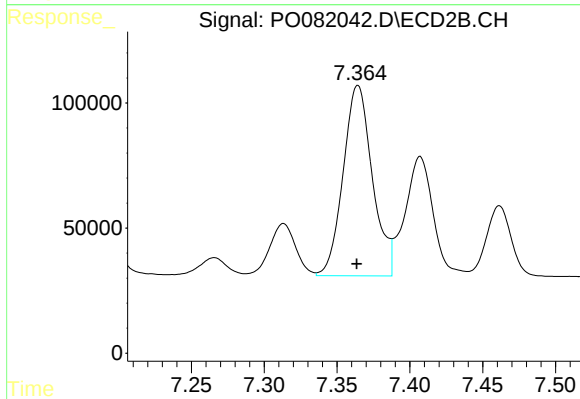
#29 AR-1254-4

R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 76580
Conc: 54.51 ng/ml



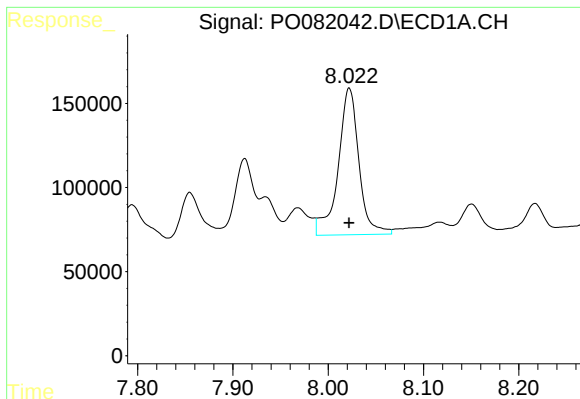
#30 AR-1254-5

R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 1499257
Conc: 672.37 ng/ml



#30 AR-1254-5

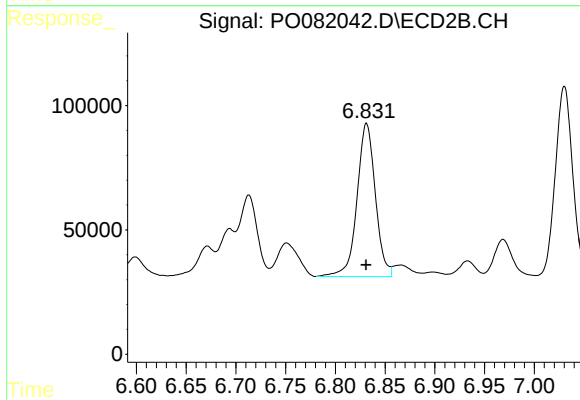
R.T.: 7.364 min
Delta R.T.: 0.000 min
Response: 1063110
Conc: 546.12 ng/ml



#31 AR-1260-1

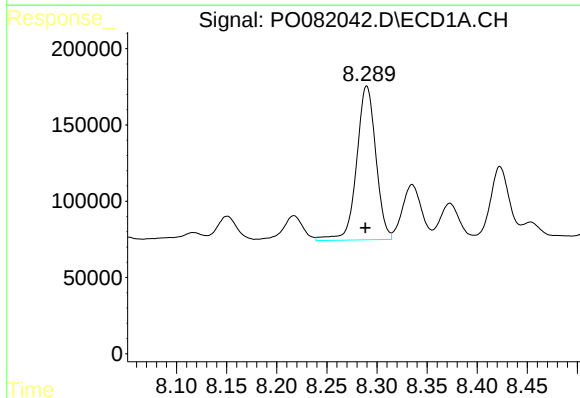
R.T.: 8.022 min
Delta R.T.: 0.000 min
Response: 1325332
Conc: 635.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



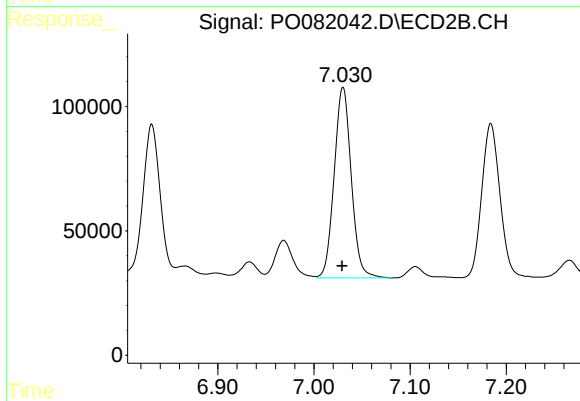
#31 AR-1260-1

R.T.: 6.831 min
Delta R.T.: 0.000 min
Response: 791457
Conc: 529.76 ng/ml



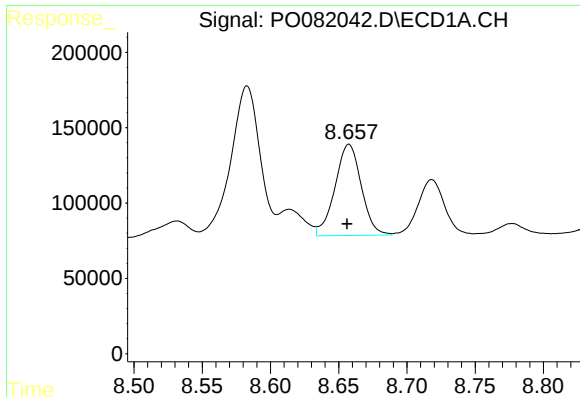
#32 AR-1260-2

R.T.: 8.290 min
Delta R.T.: 0.001 min
Response: 1348587
Conc: 541.45 ng/ml



#32 AR-1260-2

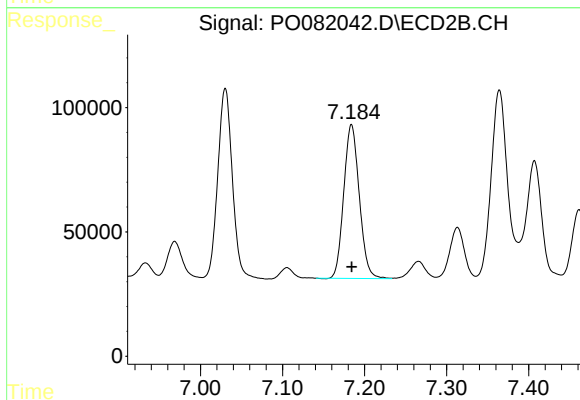
R.T.: 7.030 min
Delta R.T.: 0.000 min
Response: 949504
Conc: 524.09 ng/ml



#33 AR-1260-3

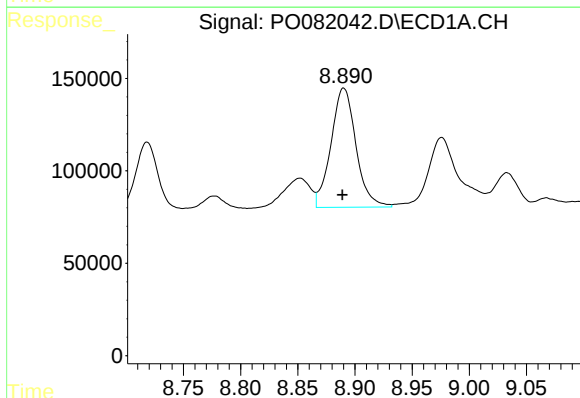
R.T.: 8.658 min
Delta R.T.: 0.001 min
Response: 812038
Conc: 478.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



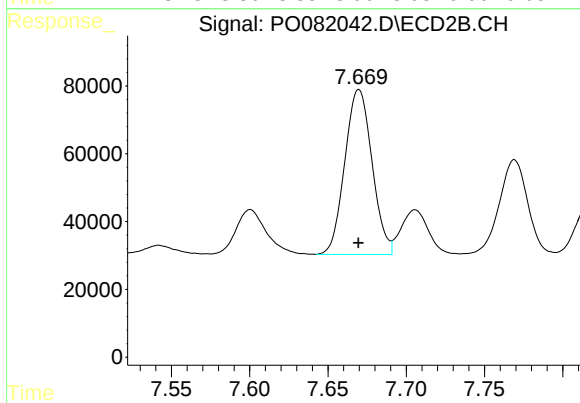
#33 AR-1260-3

R.T.: 7.184 min
Delta R.T.: 0.000 min
Response: 811935
Conc: 468.57 ng/ml



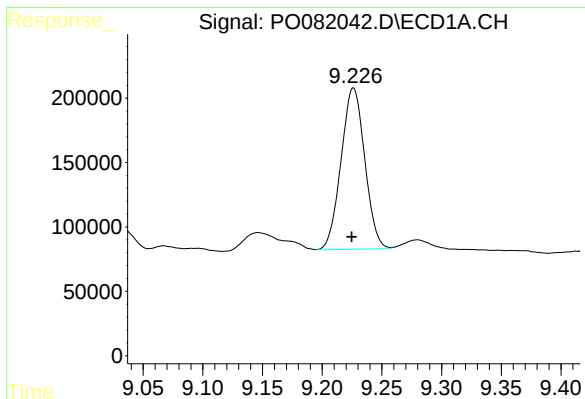
#34 AR-1260-4

R.T.: 8.890 min
Delta R.T.: 0.001 min
Response: 982509
Conc: 482.50 ng/ml



#34 AR-1260-4

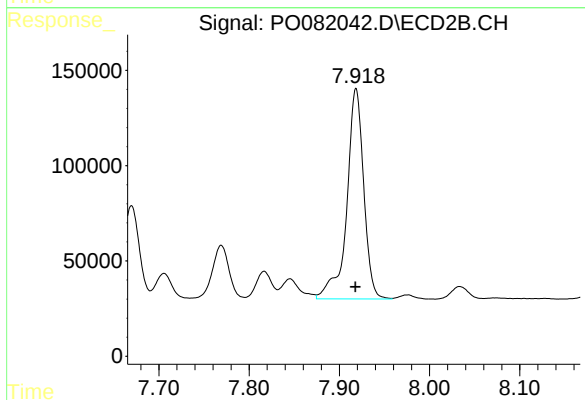
R.T.: 7.670 min
Delta R.T.: 0.000 min
Response: 589057
Conc: 473.91 ng/ml



#35 AR-1260-5

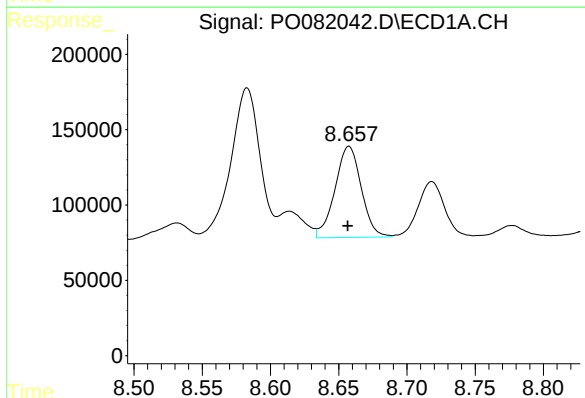
R.T.: 9.226 min
Delta R.T.: 0.001 min
Response: 1729205
Conc: 465.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



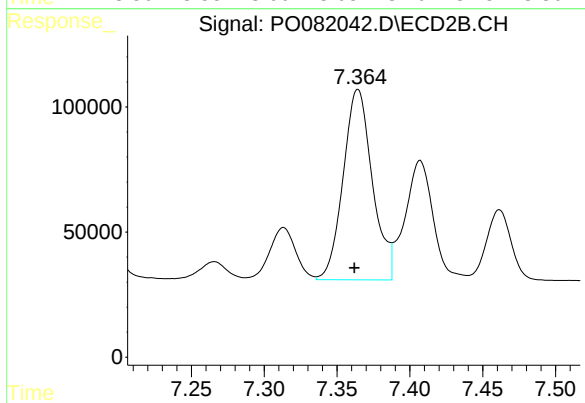
#35 AR-1260-5

R.T.: 7.919 min
Delta R.T.: 0.000 min
Response: 1440777
Conc: 484.54 ng/ml



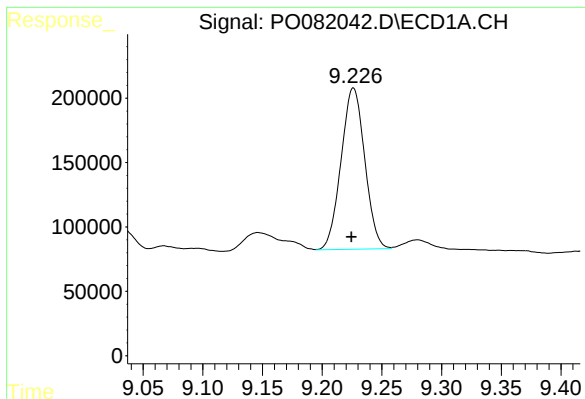
#36 AR-1262-1

R.T.: 8.658 min
Delta R.T.: 0.000 min
Response: 812038
Conc: 174.19 ng/ml



#36 AR-1262-1

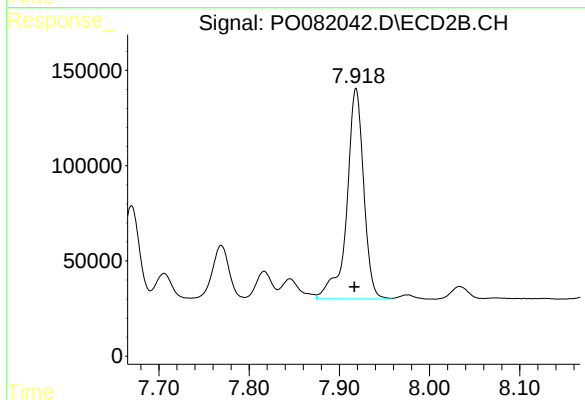
R.T.: 7.364 min
Delta R.T.: 0.002 min
Response: 1063110
Conc: 532.75 ng/ml



#37 AR-1262-2

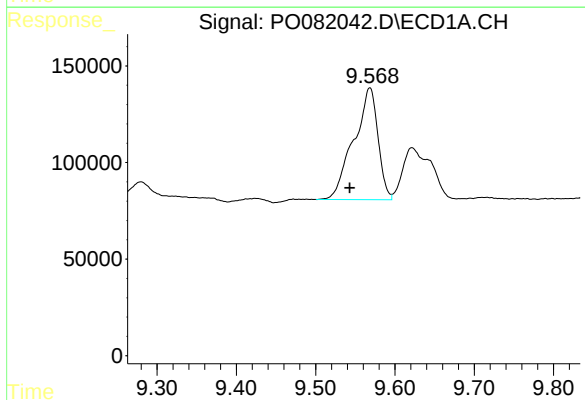
R.T.: 9.226 min
Delta R.T.: 0.002 min
Response: 1729205
Conc: 214.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



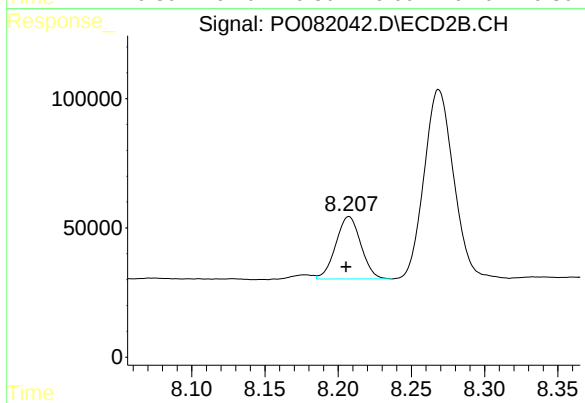
#37 AR-1262-2

R.T.: 7.919 min
Delta R.T.: 0.002 min
Response: 1440777
Conc: 214.44 ng/ml



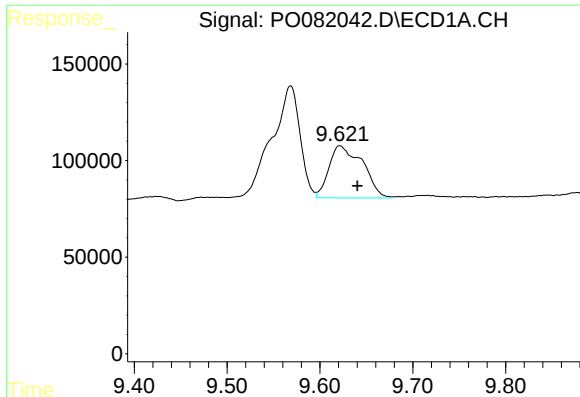
#38 AR-1262-3

R.T.: 9.568 min
Delta R.T.: 0.025 min
Response: 1227375
Conc: 311.96 ng/ml



#38 AR-1262-3

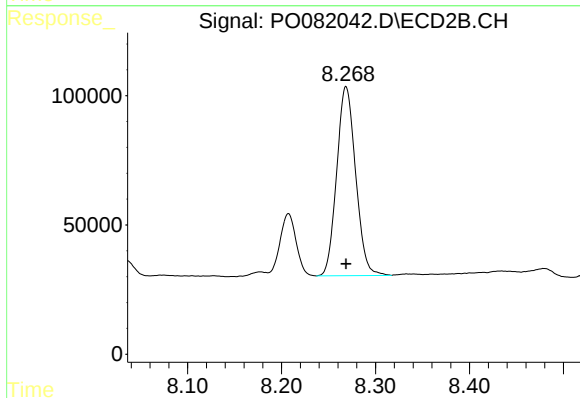
R.T.: 8.207 min
Delta R.T.: 0.002 min
Response: 288049
Conc: 107.14 ng/ml



#39 AR-1262-4

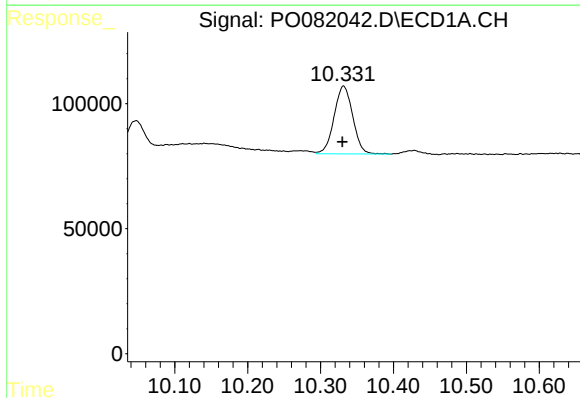
R.T.: 9.621 min
Delta R.T.: -0.019 min
Response: 679578
Conc: 298.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



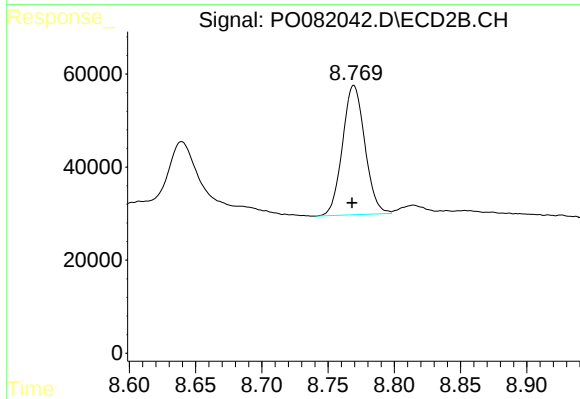
#39 AR-1262-4

R.T.: 8.269 min
Delta R.T.: 0.000 min
Response: 1024485
Conc: 206.86 ng/ml



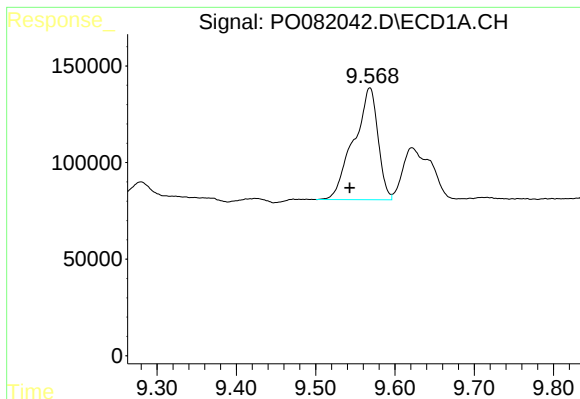
#40 AR-1262-5

R.T.: 10.332 min
Delta R.T.: 0.001 min
Response: 482823
Conc: 153.76 ng/ml



#40 AR-1262-5

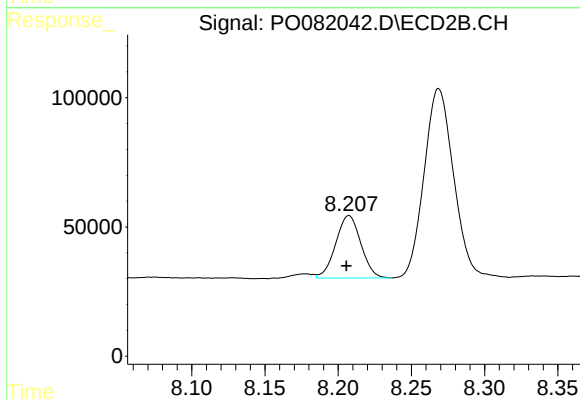
R.T.: 8.769 min
Delta R.T.: 0.001 min
Response: 326282
Conc: 140.78 ng/ml



#41 AR-1268-1

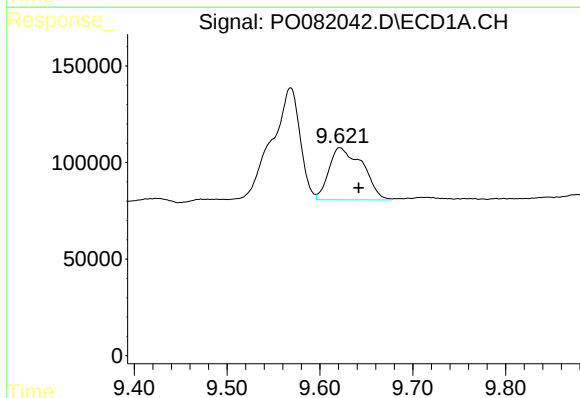
R.T.: 9.568 min
Delta R.T.: 0.025 min
Response: 1227375
Conc: 129.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



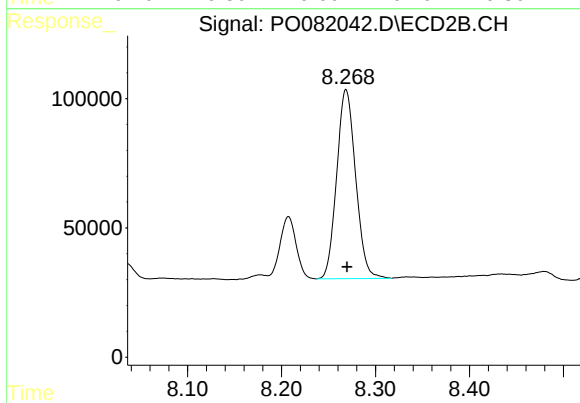
#41 AR-1268-1

R.T.: 8.207 min
Delta R.T.: 0.002 min
Response: 288049
Conc: 37.05 ng/ml



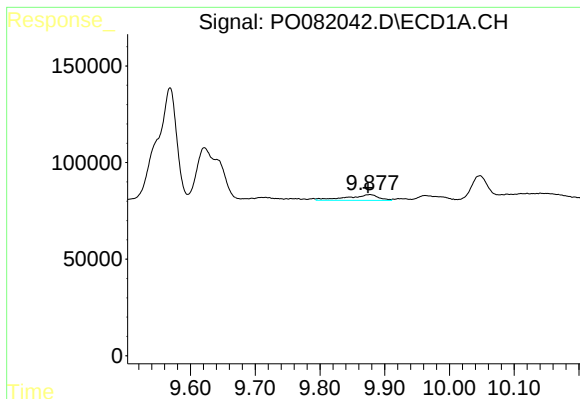
#42 AR-1268-2

R.T.: 9.621 min
Delta R.T.: -0.020 min
Response: 679578
Conc: 77.16 ng/ml



#42 AR-1268-2

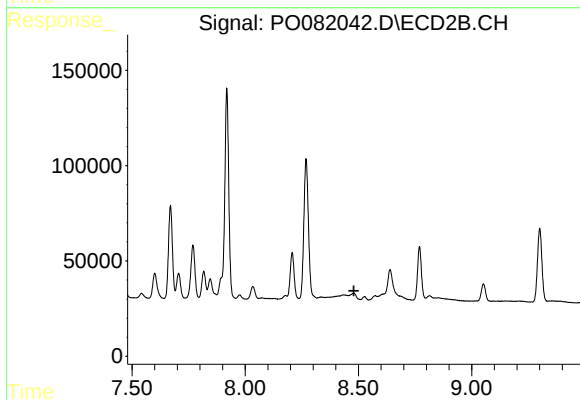
R.T.: 8.269 min
Delta R.T.: -0.001 min
Response: 1024485
Conc: 144.59 ng/ml



#43 AR-1268-3

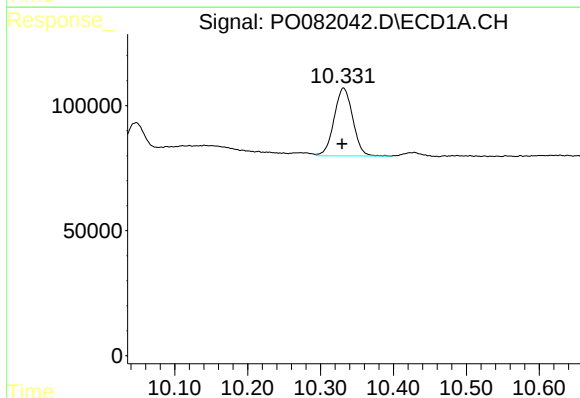
R.T.: 9.877 min
Delta R.T.: 0.003 min
Response: 99861
Conc: 13.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



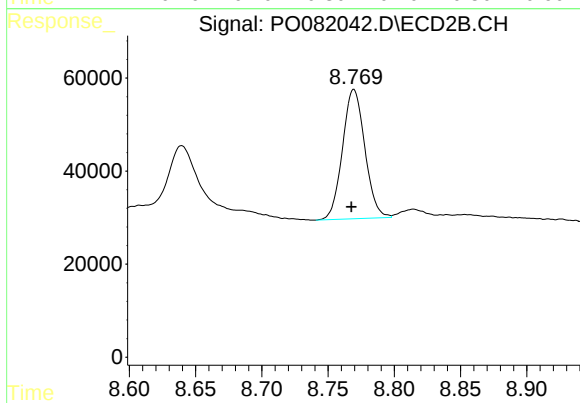
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.480 min
Response: 0
Conc: N.D.



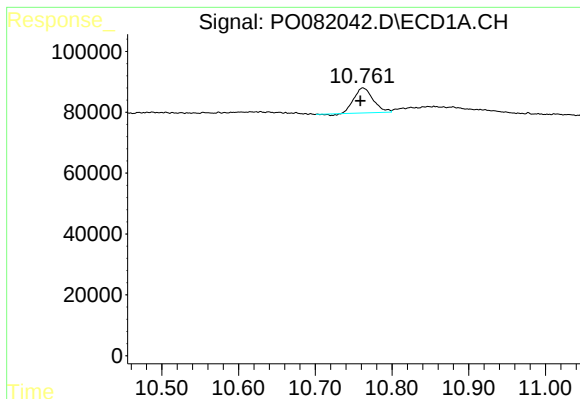
#44 AR-1268-4

R.T.: 10.332 min
Delta R.T.: 0.002 min
Response: 482823
Conc: 141.42 ng/ml



#44 AR-1268-4

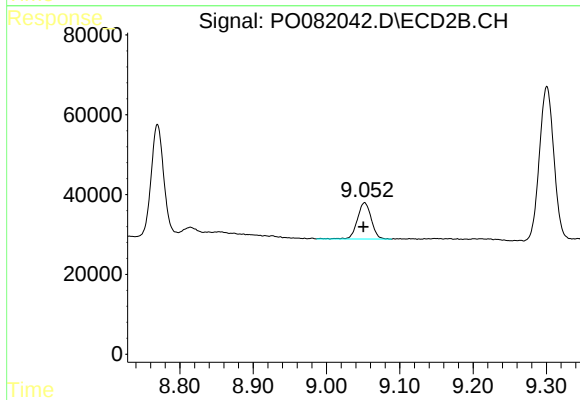
R.T.: 8.769 min
Delta R.T.: 0.002 min
Response: 326282
Conc: 128.76 ng/ml



#45 AR-1268-5

R.T.: 10.762 min
Delta R.T.: 0.003 min
Response: 142462
Conc: 5.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.052 min
Delta R.T.: 0.002 min
Response: 120345
Conc: 6.45 ng/ml