

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0020520\
 Data File : P0066291.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 05 Feb 2020 16:05
 Operator : DD\AJ
 Sample : L1379-01MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 06 04:58:13 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0013020.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jan 31 01:14:46 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...	4.152	3.429	985205	1242464	33.820	30.375
2)	SA Decachlor...	9.643	8.323	663353	915651	16.833	15.623
Target Compounds							
3)	L1 AR-1016-1	5.301	4.486	430432	435184	327.550	250.075
4)	L1 AR-1016-2	5.323	4.503	628016	751732	319.817	272.598
5)	L1 AR-1016-3	5.384	4.675	407031	372407	343.852	267.504
6)	L1 AR-1016-4	5.481	4.718	336240	295722	339.980	255.965
7)	L1 AR-1016-5	5.771	4.927	363915	270387	359.718	181.288 #
8)	L2 AR-1221-1	4.358	3.635	28446	38612	79.871	76.361
9)	L2 AR-1221-2	4.446	3.721	42756	58128	162.807	156.111
10)	L2 AR-1221-3	4.519	3.794	191405	211873	218.927	177.174
11)	L3 AR-1232-1	4.519	3.794	191405	211873	282.620	228.073
12)	L3 AR-1232-2	5.037	4.503	323524	751732	776.222	678.554
13)	L3 AR-1232-3	5.323	4.675	628016	372407	770.777	667.992
14)	L3 AR-1232-4	5.481	4.759	336240	339370	821.452	703.176
15)	L3 AR-1232-5	5.570	4.927	283470	270387	1035.181	524.244 #
16)	L4 AR-1242-1	5.301	4.486	430432	435184	424.989	328.085
17)	L4 AR-1242-2	5.323	4.503	628016	751732	423.659	354.521
18)	L4 AR-1242-3	5.384	4.675	407031	372407	446.661	350.370
19)	L4 AR-1242-4	5.481	4.759	336240	339370	440.634	330.145 #
20)	L4 AR-1242-5	6.208	5.274	146009	787239	157.429	569.309 #
21)	L5 AR-1248-1	5.301	4.486	430432	435184	564.609	418.903 #
22)	L5 AR-1248-2	5.570	4.718	283470	295722	261.438	199.050
23)	L5 AR-1248-3	5.771	4.759	363915	339370	298.026	226.970
24)	L5 AR-1248-4	6.170	4.927	198927	270387	126.034	149.773
25)	L5 AR-1248-5	6.208	5.345	146009	51108	98.218	26.134 #
26)	L6 AR-1254-1	6.143	5.274	527780	787239	339.691	247.318 #
27)	L6 AR-1254-2	6.358	5.419	672689	457699	270.716	155.957 #
28)	L6 AR-1254-3	6.722	5.830	640643	1282104	239.752	279.187
29)	L6 AR-1254-4	7.003	6.043	418541	362965	181.257	115.195 #
30)	L6 AR-1254-5	7.418	6.455	1602030	2341865	702.104	552.920
31)	L7 AR-1260-1	6.882	5.944	885480	1197944	441.655	372.396
32)	L7 AR-1260-2	7.135	6.132	1777514	1654241	645.139	367.138 #
33)	L7 AR-1260-3	7.492	6.282	745684	1268090	325.674	336.410
34)	L7 AR-1260-4	7.714	6.747	901707	849902	395.571	271.574 #
35)	L7 AR-1260-5	8.021	6.991	1476636	2542596	298.149	307.030
36)	L8 AR-1262-1	7.492	6.545	745684	598817	226.147	284.236 #
37)	L8 AR-1262-2	8.021	6.991	1476636	2542596	270.910	268.680
38)	L8 AR-1262-3	8.319	7.269	879339	458798	244.363	119.212 #
39)	L8 AR-1262-4	8.369	7.332	504550	1651517	185.412	251.294 #
40)	L8 AR-1262-5	8.979	7.825	265843	395382	139.889	140.181
41)	L9 AR-1268-1	8.319	7.269	879339	458798	127.426	38.208 #

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 ALS Vial : 23 Sample Multiplier: 1

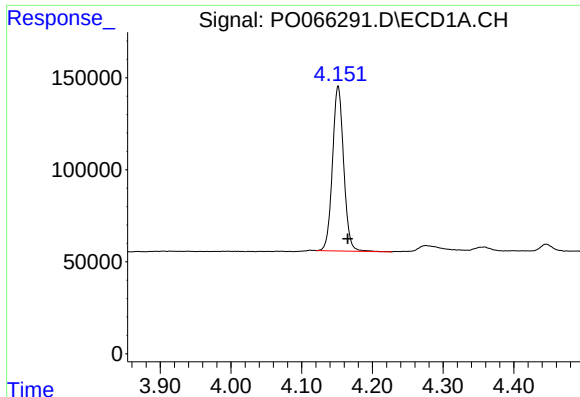
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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	8.369	7.332	504550	1651517	83.760	159.912 #
43) L9	AR-1268-3	8.590	7.534	35764	93542	6.890	10.736 #
44) L9	AR-1268-4	8.979	7.825	265843	395382	125.712	119.705
45) L9	AR-1268-5	9.347	8.094	112466	182413	7.398	7.363

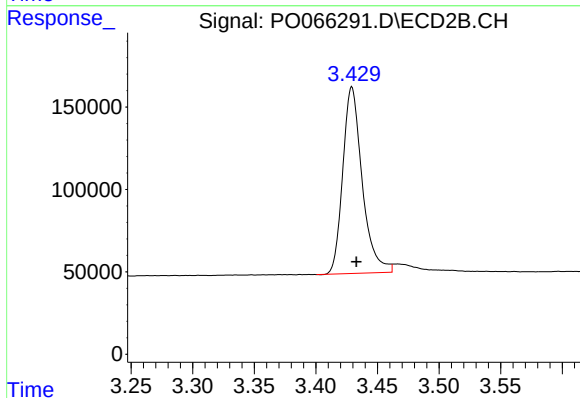
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

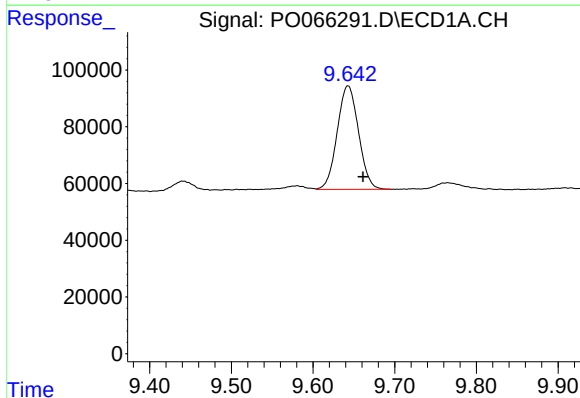
R.T.: 4.152 min
Delta R.T.: -0.013 min
Response: 985205
Conc: 33.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



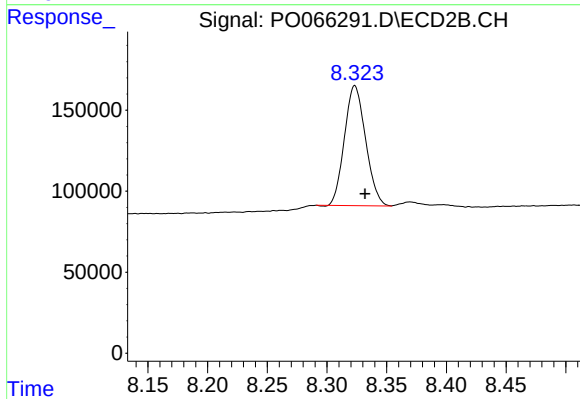
#1 Tetrachloro-m-xylene

R.T.: 3.429 min
Delta R.T.: -0.004 min
Response: 1242464
Conc: 30.37 ng/ml



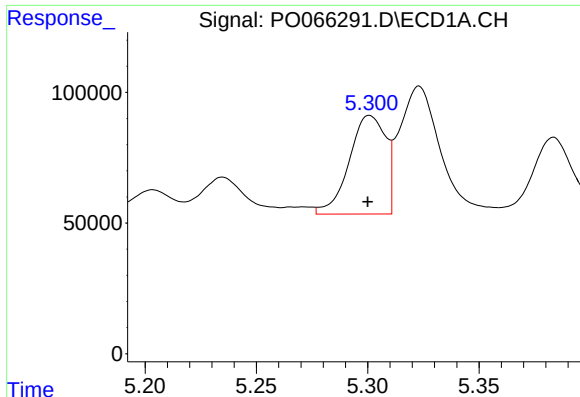
#2 Decachlorobiphenyl

R.T.: 9.643 min
Delta R.T.: -0.018 min
Response: 663353
Conc: 16.83 ng/ml



#2 Decachlorobiphenyl

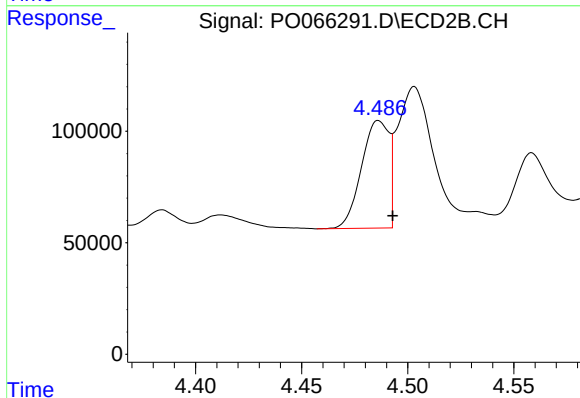
R.T.: 8.323 min
Delta R.T.: -0.009 min
Response: 915651
Conc: 15.62 ng/ml



#3 AR-1016-1

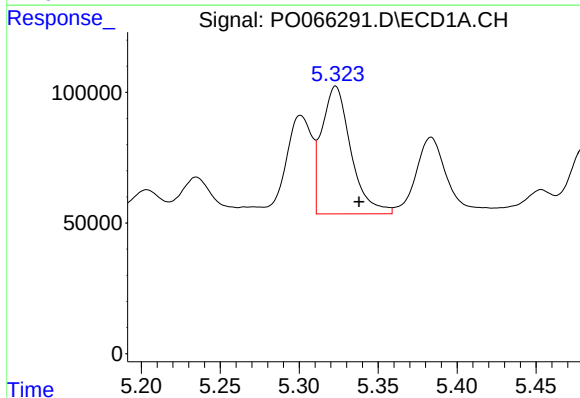
R.T.: 5.301 min
Delta R.T.: 0.000 min
Response: 430432
Conc: 327.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



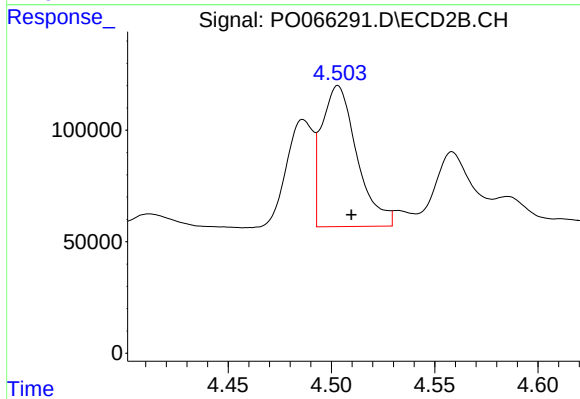
#3 AR-1016-1

R.T.: 4.486 min
Delta R.T.: -0.007 min
Response: 435184
Conc: 250.07 ng/ml



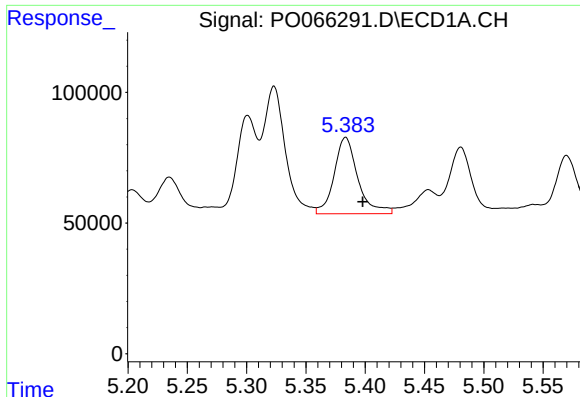
#4 AR-1016-2

R.T.: 5.323 min
Delta R.T.: -0.015 min
Response: 628016
Conc: 319.82 ng/ml



#4 AR-1016-2

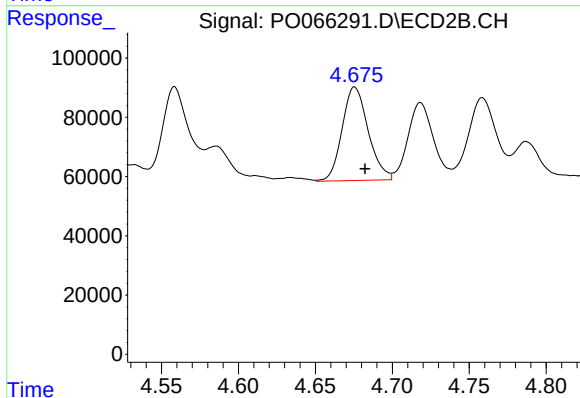
R.T.: 4.503 min
Delta R.T.: -0.006 min
Response: 751732
Conc: 272.60 ng/ml



#5 AR-1016-3

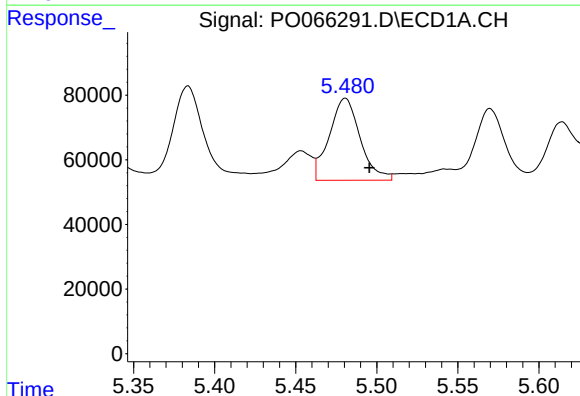
R.T.: 5.384 min
Delta R.T.: -0.014 min
Response: 407031
Conc: 343.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



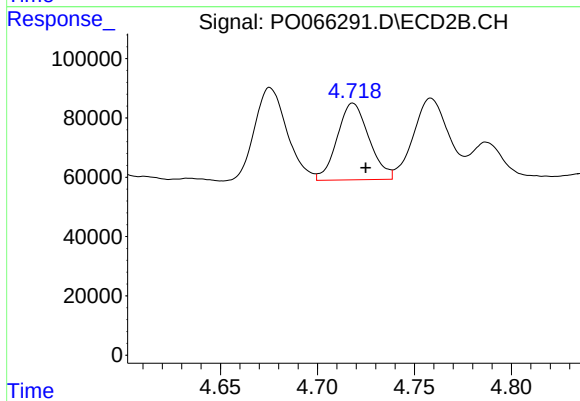
#5 AR-1016-3

R.T.: 4.675 min
Delta R.T.: -0.007 min
Response: 372407
Conc: 267.50 ng/ml



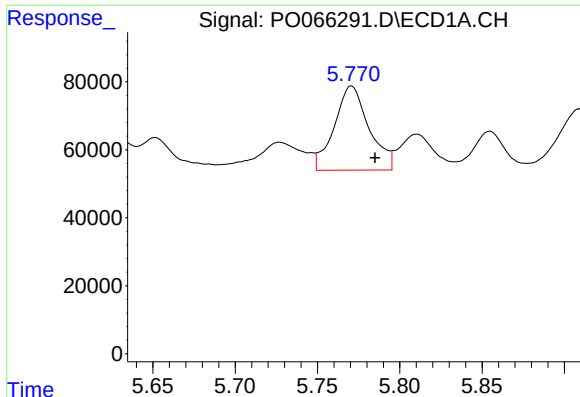
#6 AR-1016-4

R.T.: 5.481 min
Delta R.T.: -0.015 min
Response: 336240
Conc: 339.98 ng/ml



#6 AR-1016-4

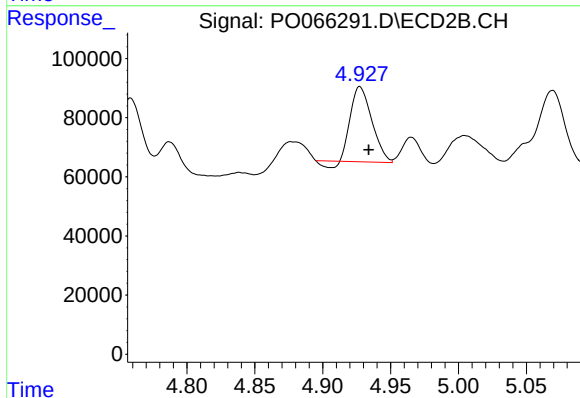
R.T.: 4.718 min
Delta R.T.: -0.007 min
Response: 295722
Conc: 255.97 ng/ml



#7 AR-1016-5

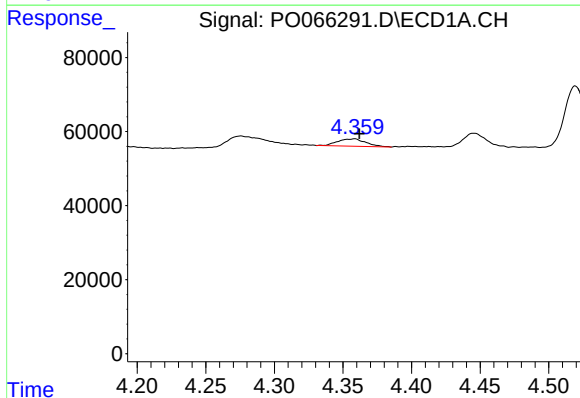
R.T.: 5.771 min
Delta R.T.: -0.014 min
Response: 363915
Conc: 359.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



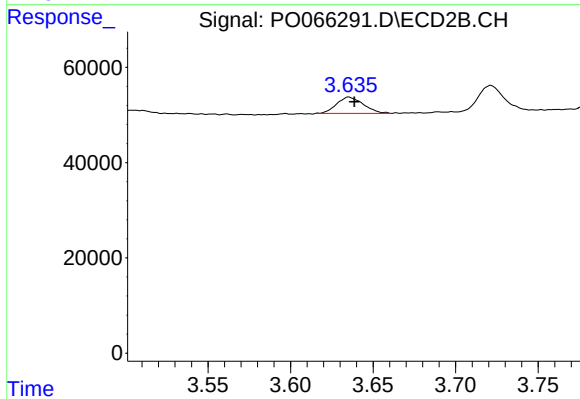
#7 AR-1016-5

R.T.: 4.927 min
Delta R.T.: -0.006 min
Response: 270387
Conc: 181.29 ng/ml



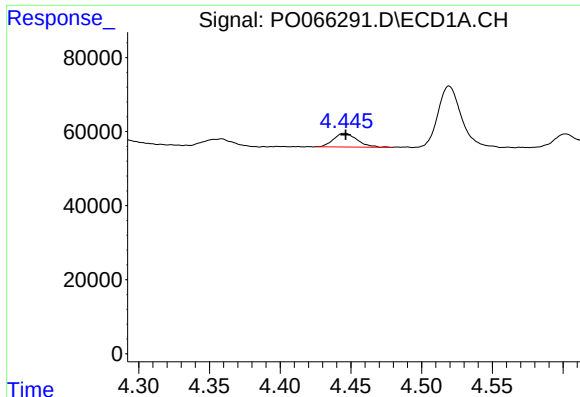
#8 AR-1221-1

R.T.: 4.358 min
Delta R.T.: -0.003 min
Response: 28446
Conc: 79.87 ng/ml



#8 AR-1221-1

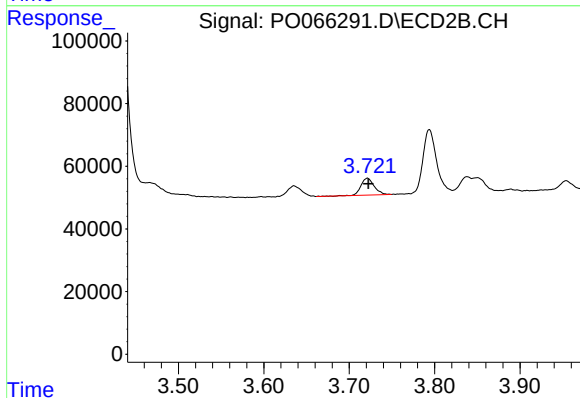
R.T.: 3.635 min
Delta R.T.: -0.003 min
Response: 38612
Conc: 76.36 ng/ml



#9 AR-1221-2

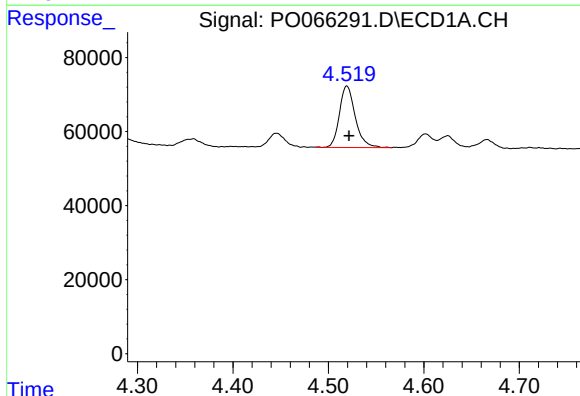
R.T.: 4.446 min
Delta R.T.: 0.000 min
Response: 42756
Conc: 162.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



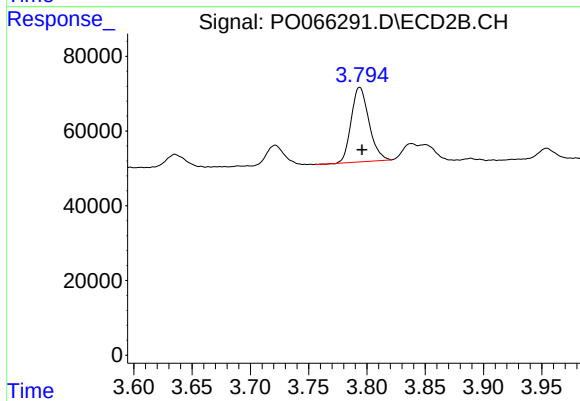
#9 AR-1221-2

R.T.: 3.721 min
Delta R.T.: 0.000 min
Response: 58128
Conc: 156.11 ng/ml



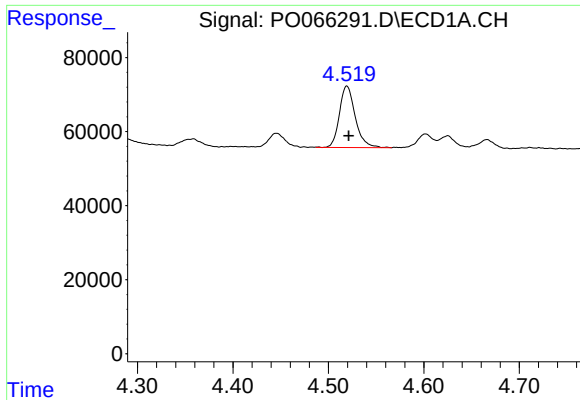
#10 AR-1221-3

R.T.: 4.519 min
Delta R.T.: -0.002 min
Response: 191405
Conc: 218.93 ng/ml



#10 AR-1221-3

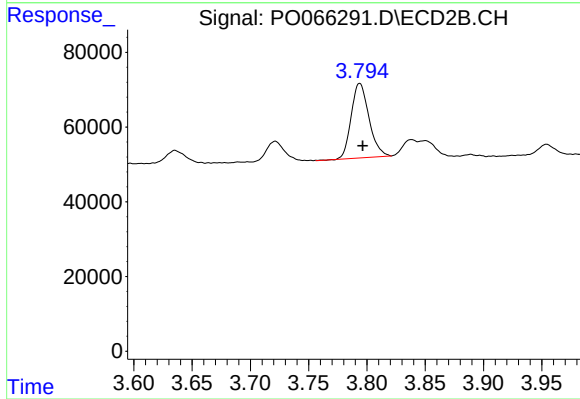
R.T.: 3.794 min
Delta R.T.: -0.002 min
Response: 211873
Conc: 177.17 ng/ml



#11 AR-1232-1

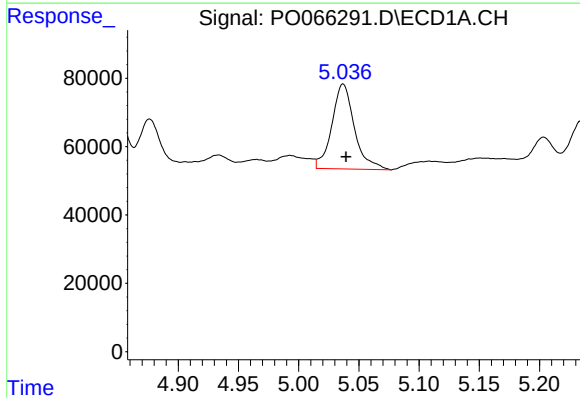
R.T.: 4.519 min
Delta R.T.: -0.002 min
Response: 191405
Conc: 282.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



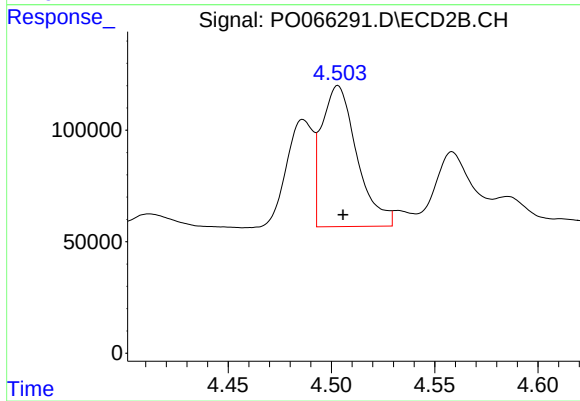
#11 AR-1232-1

R.T.: 3.794 min
Delta R.T.: -0.002 min
Response: 211873
Conc: 228.07 ng/ml



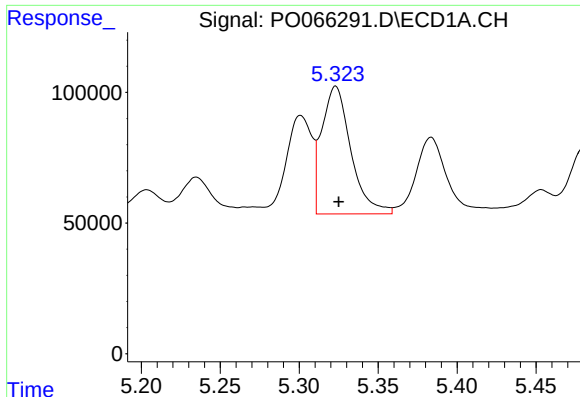
#12 AR-1232-2

R.T.: 5.037 min
Delta R.T.: -0.003 min
Response: 323524
Conc: 776.22 ng/ml



#12 AR-1232-2

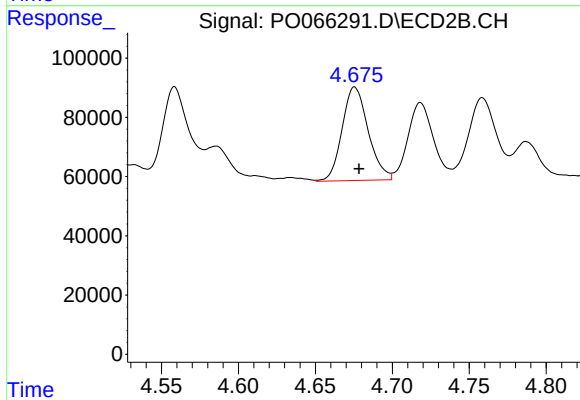
R.T.: 4.503 min
Delta R.T.: -0.002 min
Response: 751732
Conc: 678.55 ng/ml



#13 AR-1232-3

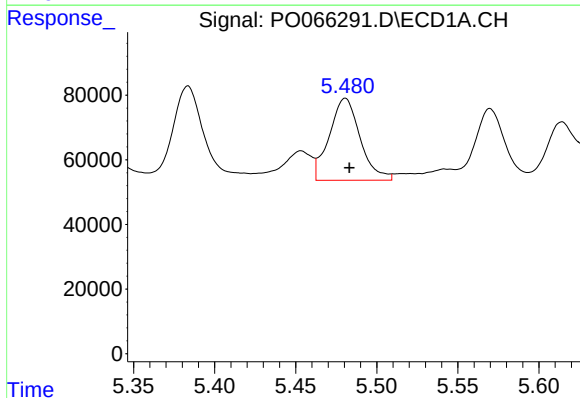
R.T.: 5.323 min
Delta R.T.: -0.002 min
Response: 628016
Conc: 770.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



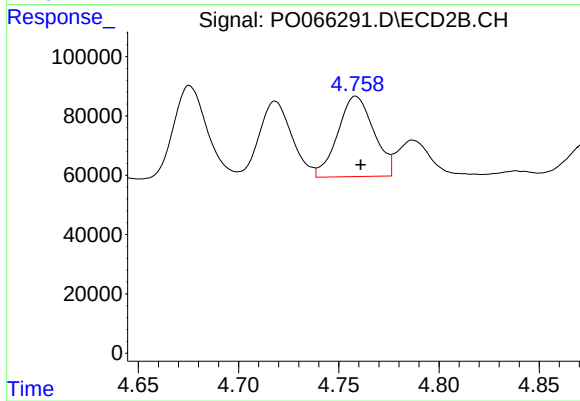
#13 AR-1232-3

R.T.: 4.675 min
Delta R.T.: -0.003 min
Response: 372407
Conc: 667.99 ng/ml



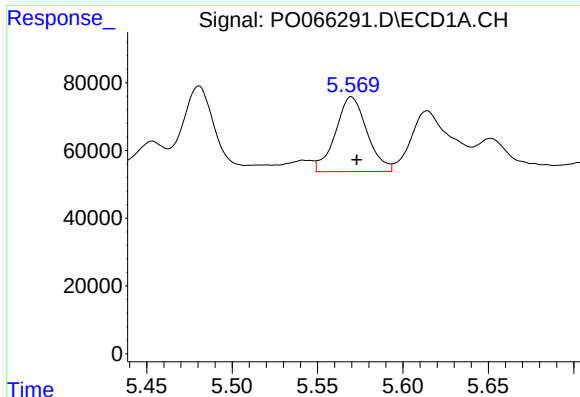
#14 AR-1232-4

R.T.: 5.481 min
Delta R.T.: -0.002 min
Response: 336240
Conc: 821.45 ng/ml



#14 AR-1232-4

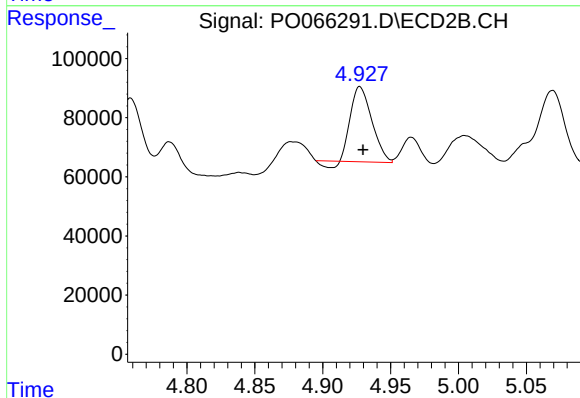
R.T.: 4.759 min
Delta R.T.: -0.002 min
Response: 339370
Conc: 703.18 ng/ml



#15 AR-1232-5

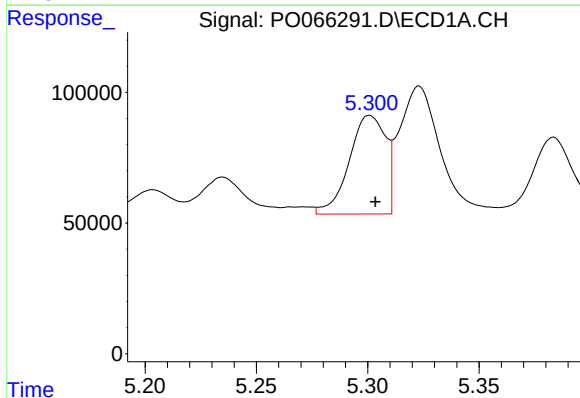
R.T.: 5.570 min
Delta R.T.: -0.003 min
Response: 283470
Conc: 1035.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



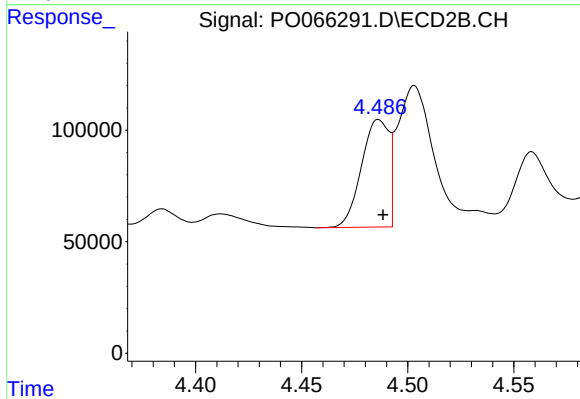
#15 AR-1232-5

R.T.: 4.927 min
Delta R.T.: -0.002 min
Response: 270387
Conc: 524.24 ng/ml



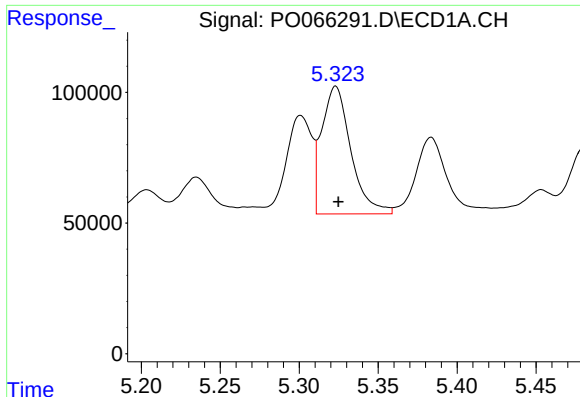
#16 AR-1242-1

R.T.: 5.301 min
Delta R.T.: -0.003 min
Response: 430432
Conc: 424.99 ng/ml



#16 AR-1242-1

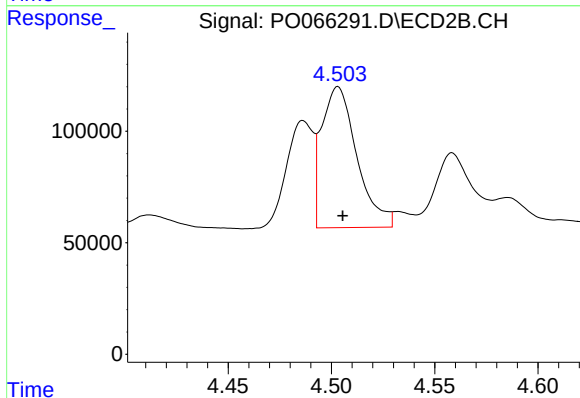
R.T.: 4.486 min
Delta R.T.: -0.002 min
Response: 435184
Conc: 328.09 ng/ml



#17 AR-1242-2

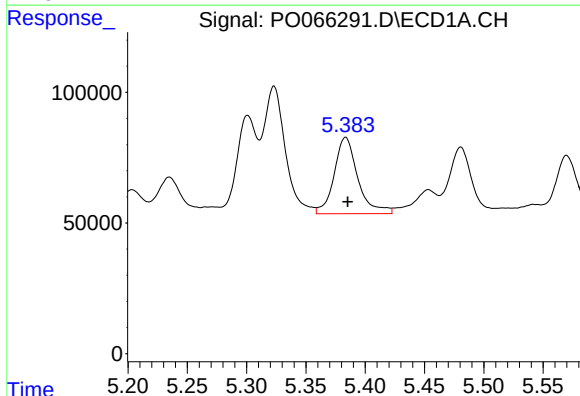
R.T.: 5.323 min
Delta R.T.: -0.002 min
Response: 628016
Conc: 423.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



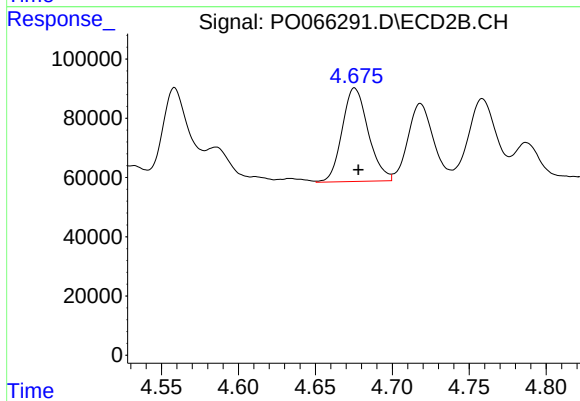
#17 AR-1242-2

R.T.: 4.503 min
Delta R.T.: -0.002 min
Response: 751732
Conc: 354.52 ng/ml



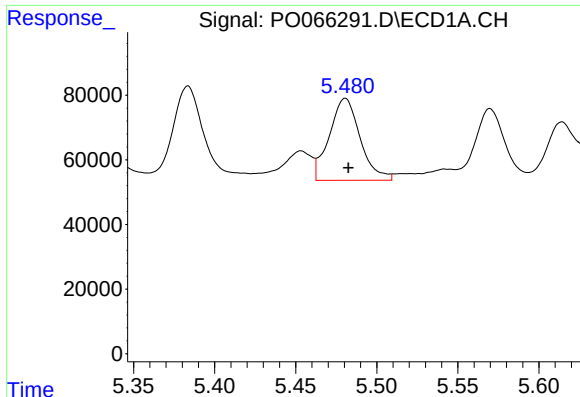
#18 AR-1242-3

R.T.: 5.384 min
Delta R.T.: -0.002 min
Response: 407031
Conc: 446.66 ng/ml



#18 AR-1242-3

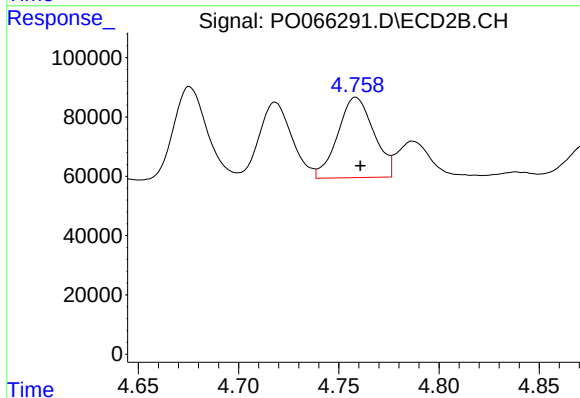
R.T.: 4.675 min
Delta R.T.: -0.003 min
Response: 372407
Conc: 350.37 ng/ml



#19 AR-1242-4

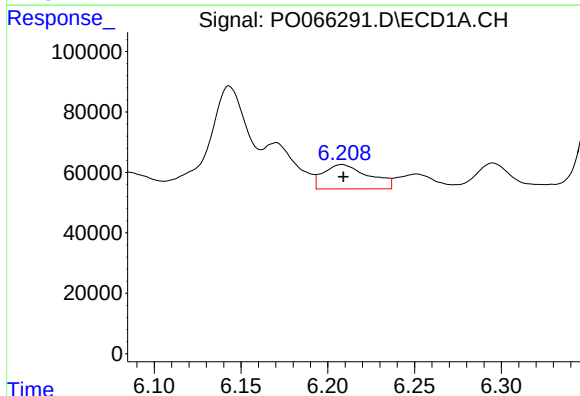
R.T.: 5.481 min
Delta R.T.: -0.002 min
Response: 336240
Conc: 440.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



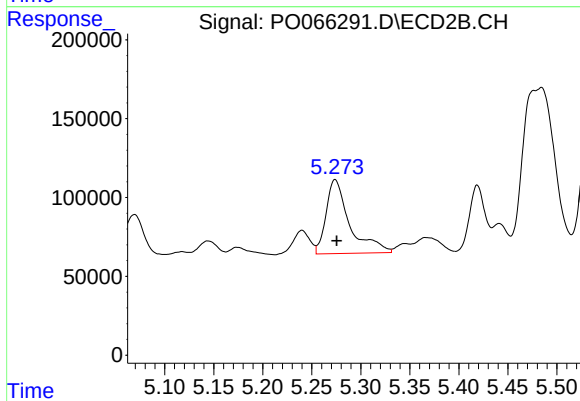
#19 AR-1242-4

R.T.: 4.759 min
Delta R.T.: -0.002 min
Response: 339370
Conc: 330.15 ng/ml



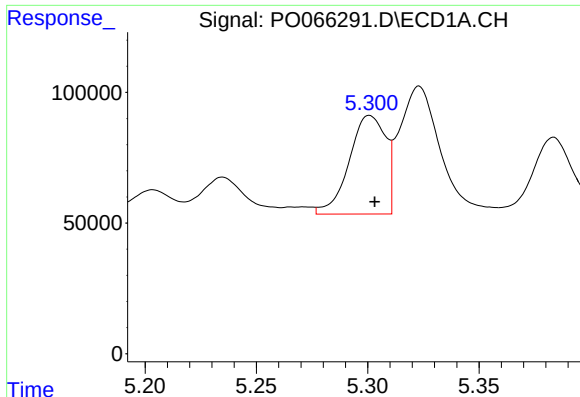
#20 AR-1242-5

R.T.: 6.208 min
Delta R.T.: 0.000 min
Response: 146009
Conc: 157.43 ng/ml



#20 AR-1242-5

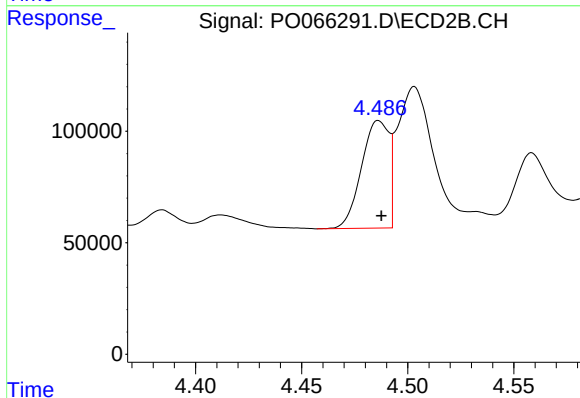
R.T.: 5.274 min
Delta R.T.: -0.002 min
Response: 787239
Conc: 569.31 ng/ml



#21 AR-1248-1

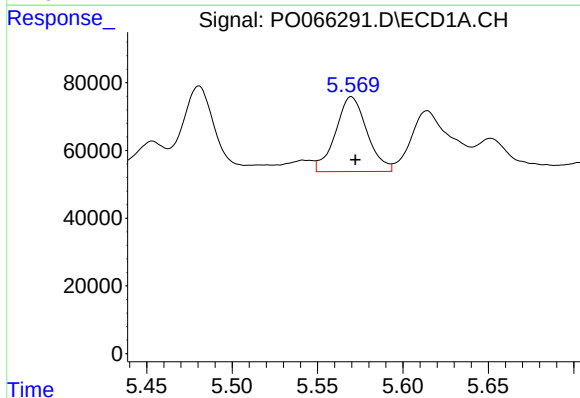
R.T.: 5.301 min
Delta R.T.: -0.002 min
Response: 430432
Conc: 564.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



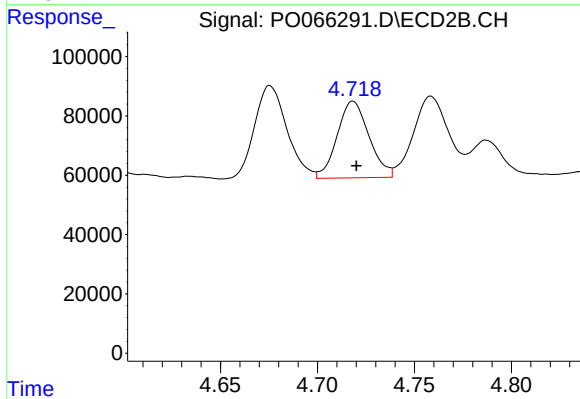
#21 AR-1248-1

R.T.: 4.486 min
Delta R.T.: -0.001 min
Response: 435184
Conc: 418.90 ng/ml



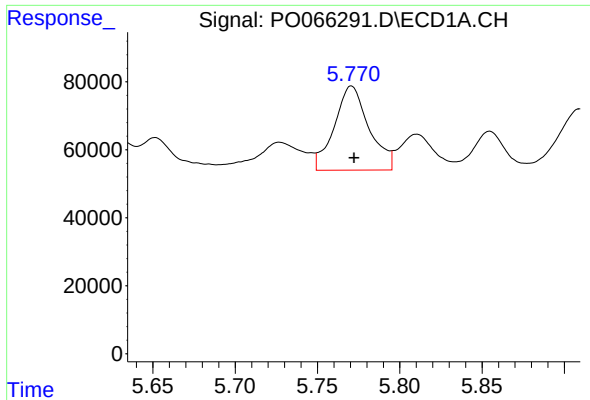
#22 AR-1248-2

R.T.: 5.570 min
Delta R.T.: -0.002 min
Response: 283470
Conc: 261.44 ng/ml



#22 AR-1248-2

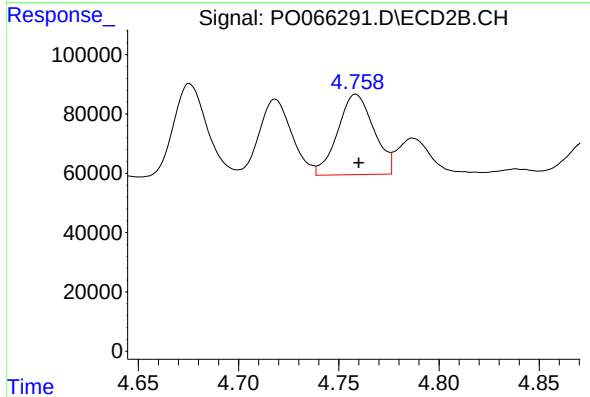
R.T.: 4.718 min
Delta R.T.: -0.002 min
Response: 295722
Conc: 199.05 ng/ml



#23 AR-1248-3

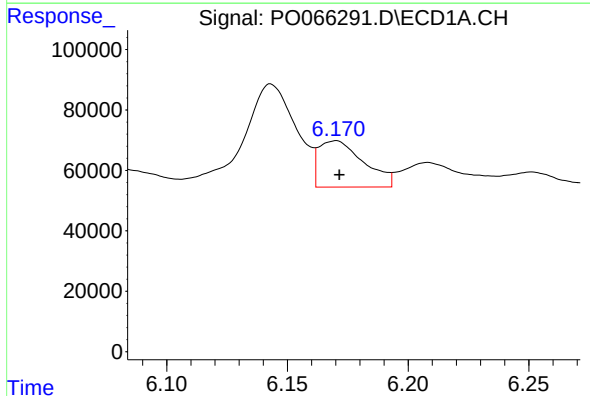
R.T.: 5.771 min
Delta R.T.: -0.002 min
Response: 363915
Conc: 298.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



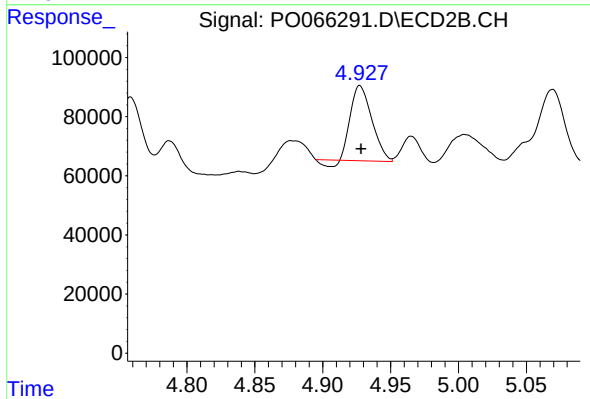
#23 AR-1248-3

R.T.: 4.759 min
Delta R.T.: -0.001 min
Response: 339370
Conc: 226.97 ng/ml



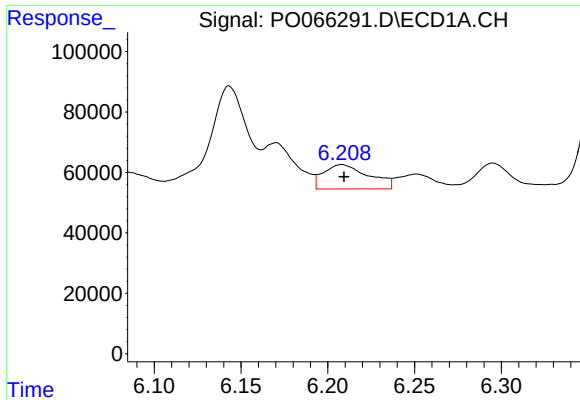
#24 AR-1248-4

R.T.: 6.170 min
Delta R.T.: -0.001 min
Response: 198927
Conc: 126.03 ng/ml



#24 AR-1248-4

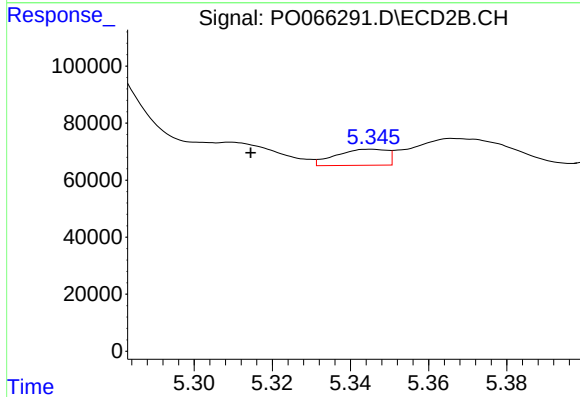
R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 270387
Conc: 149.77 ng/ml



#25 AR-1248-5

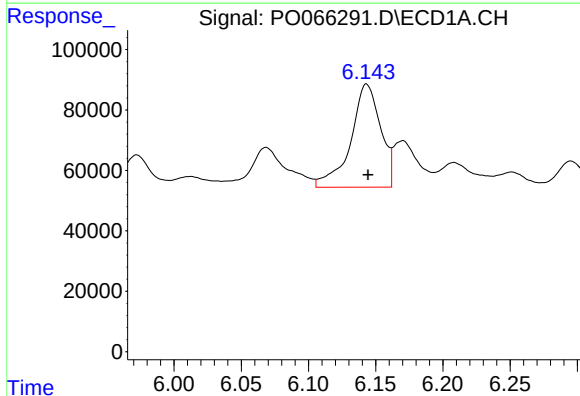
R.T.: 6.208 min
Delta R.T.: -0.001 min
Response: 146009
Conc: 98.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



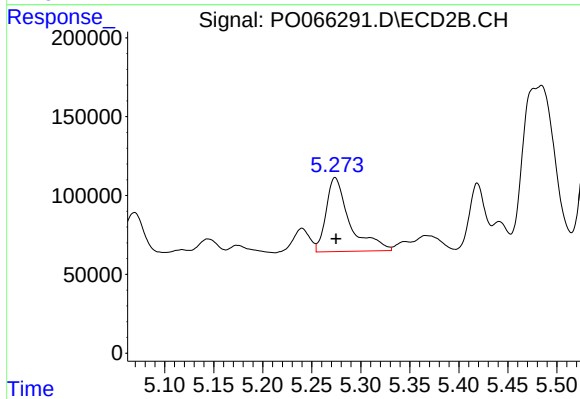
#25 AR-1248-5

R.T.: 5.345 min
Delta R.T.: 0.031 min
Response: 51108
Conc: 26.13 ng/ml



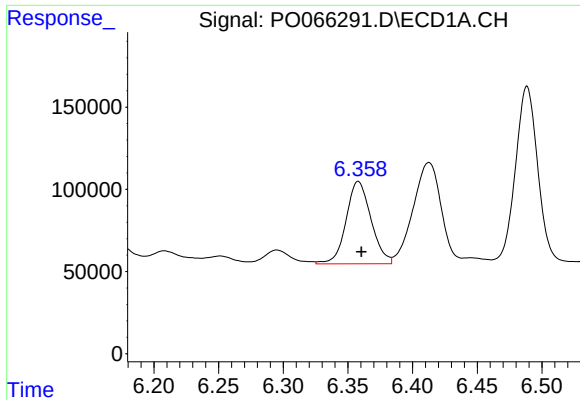
#26 AR-1254-1

R.T.: 6.143 min
Delta R.T.: -0.001 min
Response: 527780
Conc: 339.69 ng/ml



#26 AR-1254-1

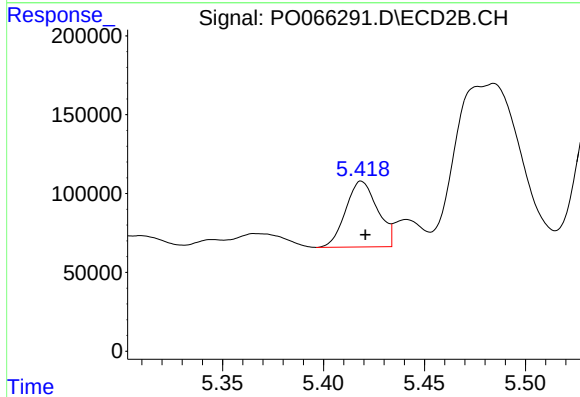
R.T.: 5.274 min
Delta R.T.: 0.000 min
Response: 787239
Conc: 247.32 ng/ml



#27 AR-1254-2

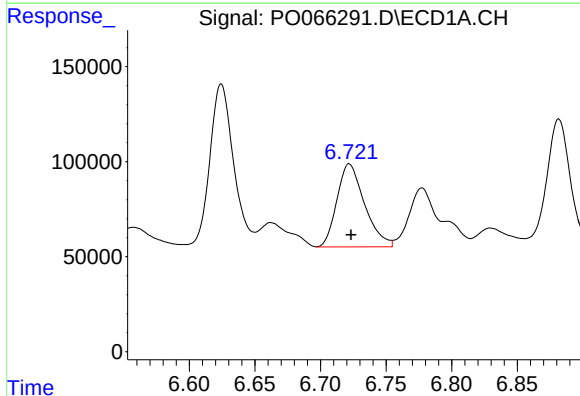
R.T.: 6.358 min
Delta R.T.: -0.003 min
Response: 672689
Conc: 270.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



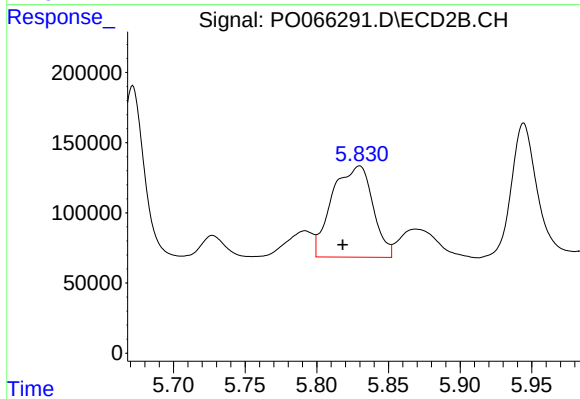
#27 AR-1254-2

R.T.: 5.419 min
Delta R.T.: -0.002 min
Response: 457699
Conc: 155.96 ng/ml



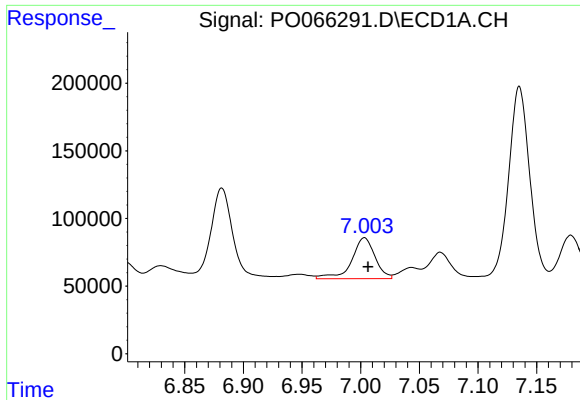
#28 AR-1254-3

R.T.: 6.722 min
Delta R.T.: -0.001 min
Response: 640643
Conc: 239.75 ng/ml



#28 AR-1254-3

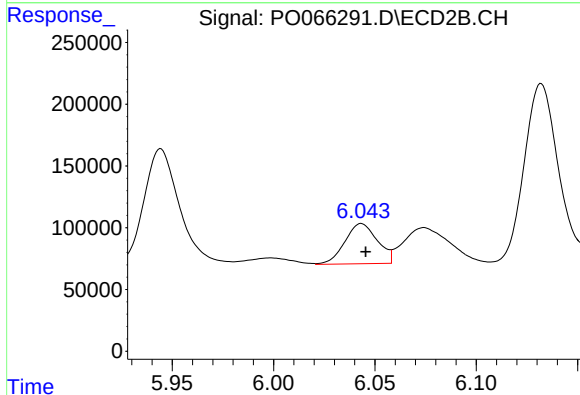
R.T.: 5.830 min
Delta R.T.: 0.012 min
Response: 1282104
Conc: 279.19 ng/ml



#29 AR-1254-4

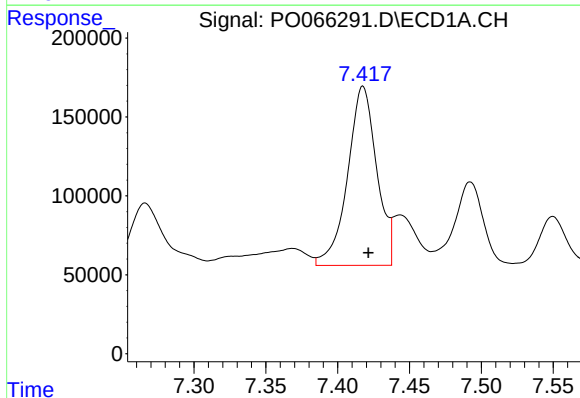
R.T.: 7.003 min
Delta R.T.: -0.003 min
Response: 418541
Conc: 181.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



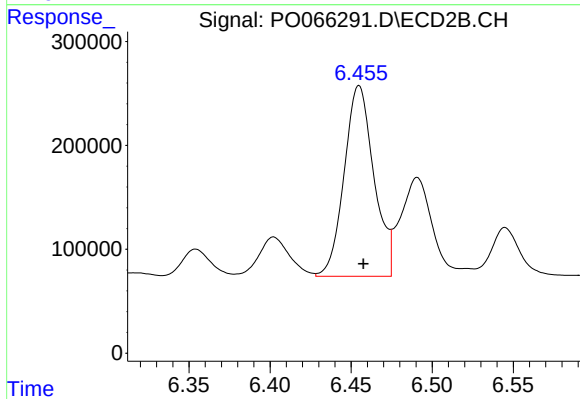
#29 AR-1254-4

R.T.: 6.043 min
Delta R.T.: -0.002 min
Response: 362965
Conc: 115.19 ng/ml



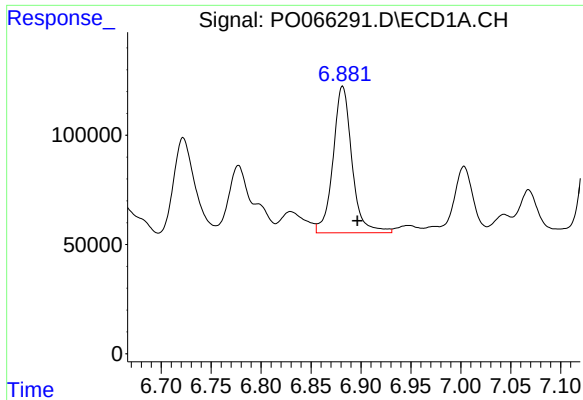
#30 AR-1254-5

R.T.: 7.418 min
Delta R.T.: -0.004 min
Response: 1602030
Conc: 702.10 ng/ml



#30 AR-1254-5

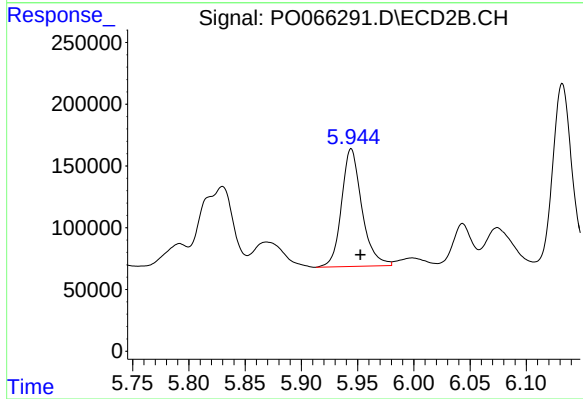
R.T.: 6.455 min
Delta R.T.: -0.003 min
Response: 2341865
Conc: 552.92 ng/ml



#31 AR-1260-1

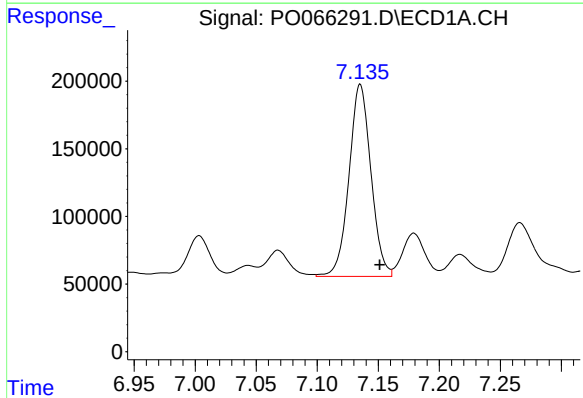
R.T.: 6.882 min
Delta R.T.: -0.015 min
Response: 885480
Conc: 441.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



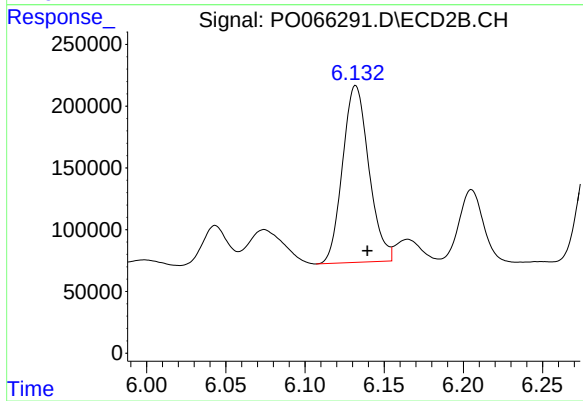
#31 AR-1260-1

R.T.: 5.944 min
Delta R.T.: -0.008 min
Response: 1197944
Conc: 372.40 ng/ml



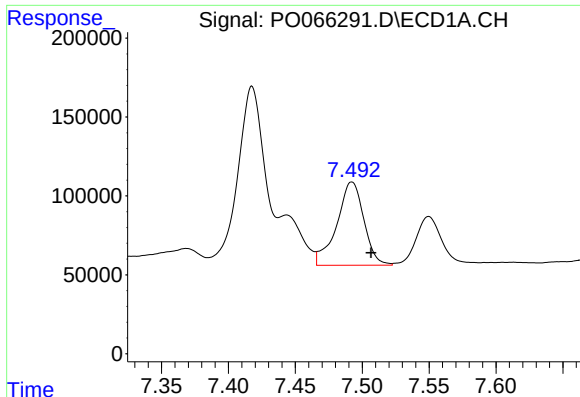
#32 AR-1260-2

R.T.: 7.135 min
Delta R.T.: -0.016 min
Response: 1777514
Conc: 645.14 ng/ml



#32 AR-1260-2

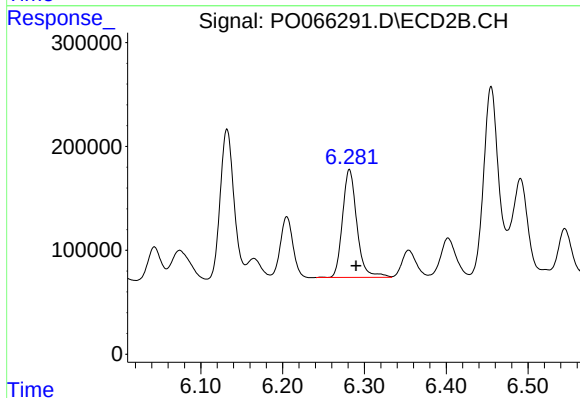
R.T.: 6.132 min
Delta R.T.: -0.007 min
Response: 1654241
Conc: 367.14 ng/ml



#33 AR-1260-3

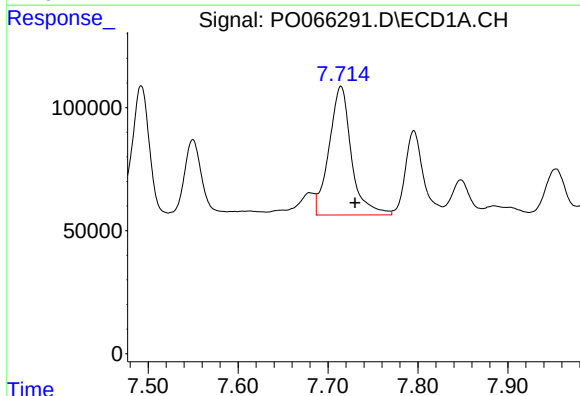
R.T.: 7.492 min
Delta R.T.: -0.014 min
Response: 745684
Conc: 325.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



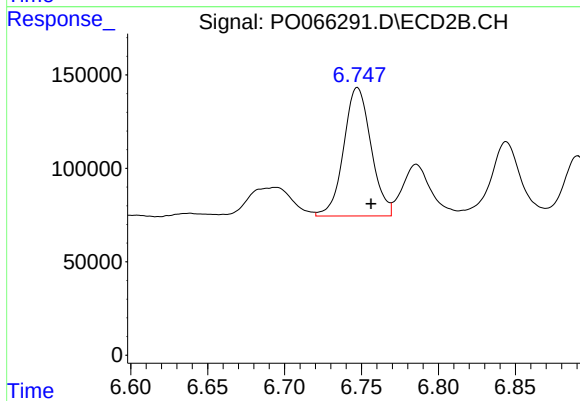
#33 AR-1260-3

R.T.: 6.282 min
Delta R.T.: -0.008 min
Response: 1268090
Conc: 336.41 ng/ml



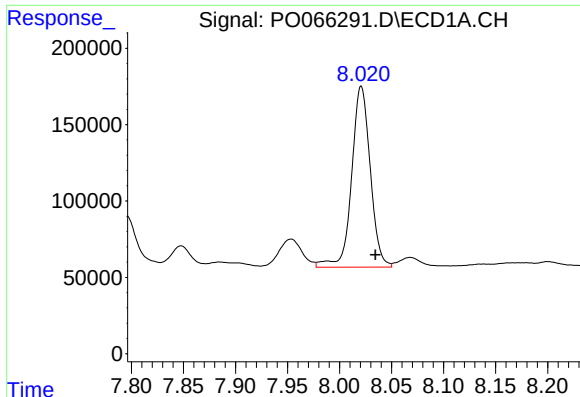
#34 AR-1260-4

R.T.: 7.714 min
Delta R.T.: -0.016 min
Response: 901707
Conc: 395.57 ng/ml



#34 AR-1260-4

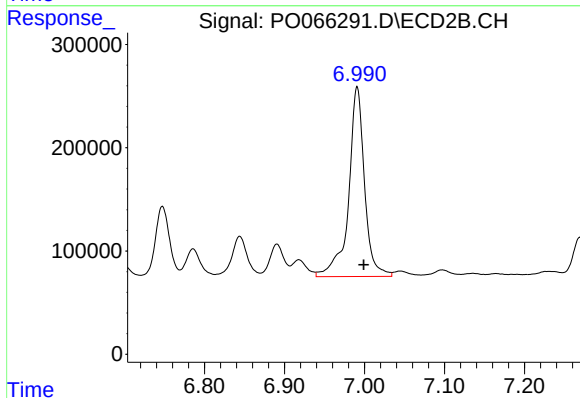
R.T.: 6.747 min
Delta R.T.: -0.009 min
Response: 849902
Conc: 271.57 ng/ml



#35 AR-1260-5

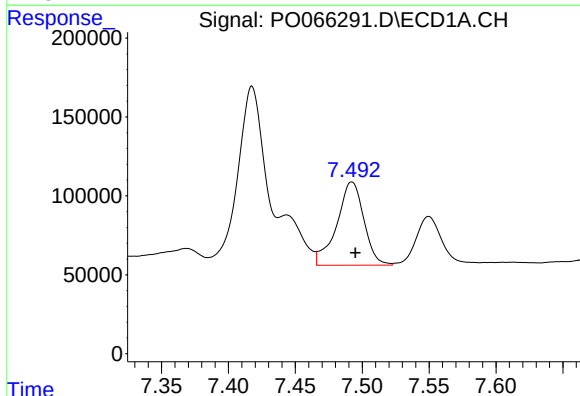
R.T.: 8.021 min
Delta R.T.: -0.014 min
Response: 1476636
Conc: 298.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



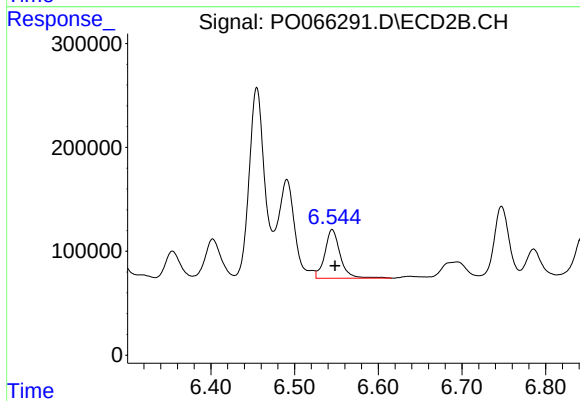
#35 AR-1260-5

R.T.: 6.991 min
Delta R.T.: -0.008 min
Response: 2542596
Conc: 307.03 ng/ml



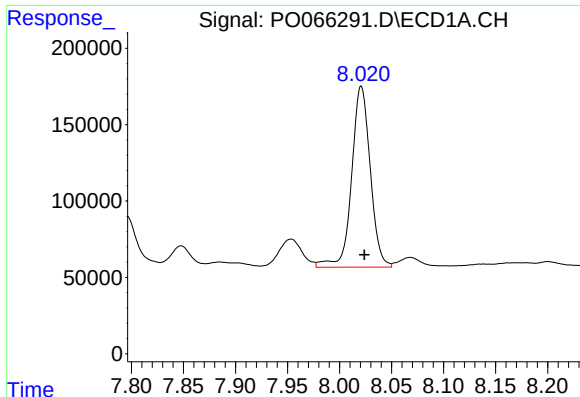
#36 AR-1262-1

R.T.: 7.492 min
Delta R.T.: -0.003 min
Response: 745684
Conc: 226.15 ng/ml



#36 AR-1262-1

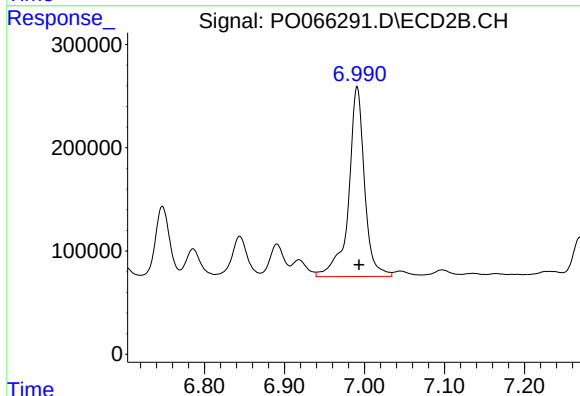
R.T.: 6.545 min
Delta R.T.: -0.003 min
Response: 598817
Conc: 284.24 ng/ml



#37 AR-1262-2

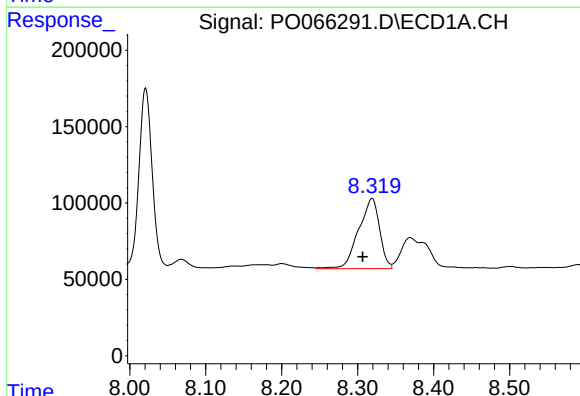
R.T.: 8.021 min
Delta R.T.: -0.003 min
Response: 1476636
Conc: 270.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



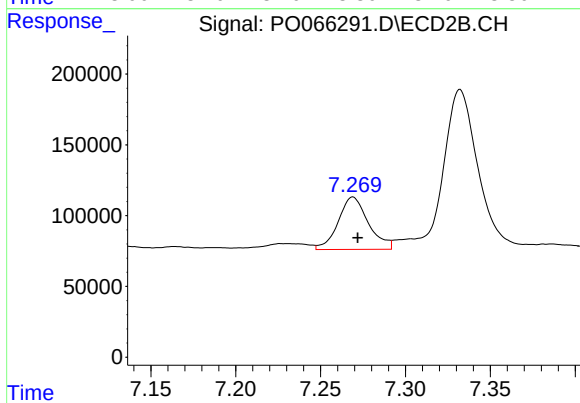
#37 AR-1262-2

R.T.: 6.991 min
Delta R.T.: -0.002 min
Response: 2542596
Conc: 268.68 ng/ml



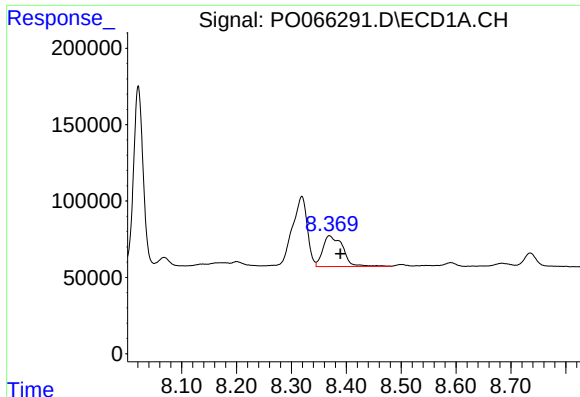
#38 AR-1262-3

R.T.: 8.319 min
Delta R.T.: 0.012 min
Response: 879339
Conc: 244.36 ng/ml



#38 AR-1262-3

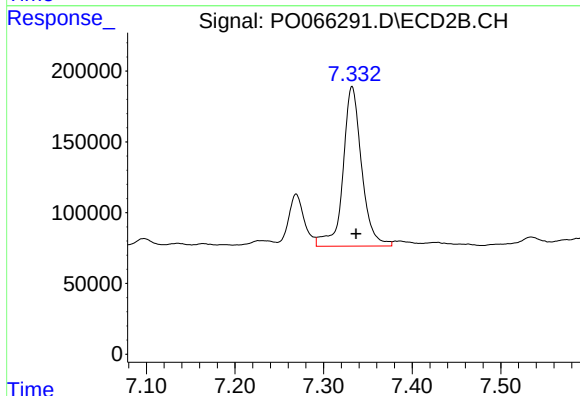
R.T.: 7.269 min
Delta R.T.: -0.003 min
Response: 458798
Conc: 119.21 ng/ml



#39 AR-1262-4

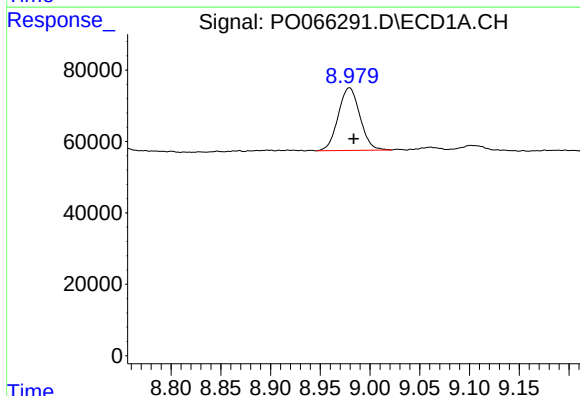
R.T.: 8.369 min
Delta R.T.: -0.020 min
Response: 504550
Conc: 185.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



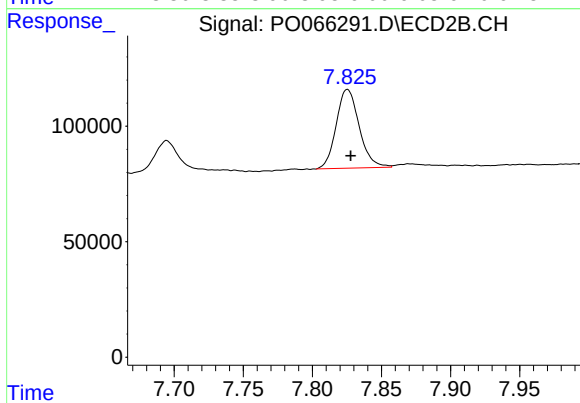
#39 AR-1262-4

R.T.: 7.332 min
Delta R.T.: -0.004 min
Response: 1651517
Conc: 251.29 ng/ml



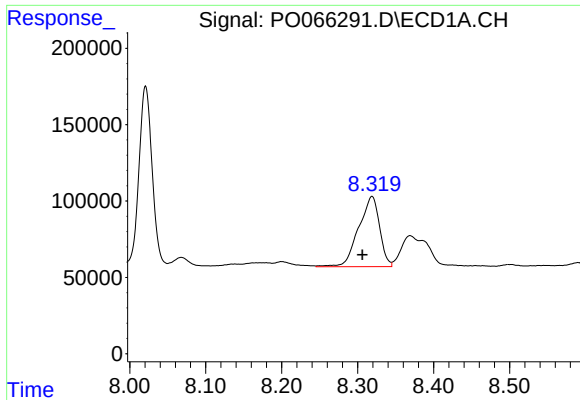
#40 AR-1262-5

R.T.: 8.979 min
Delta R.T.: -0.004 min
Response: 265843
Conc: 139.89 ng/ml



#40 AR-1262-5

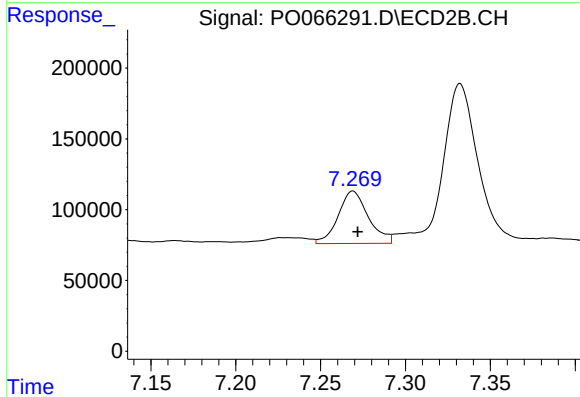
R.T.: 7.825 min
Delta R.T.: -0.002 min
Response: 395382
Conc: 140.18 ng/ml



#41 AR-1268-1

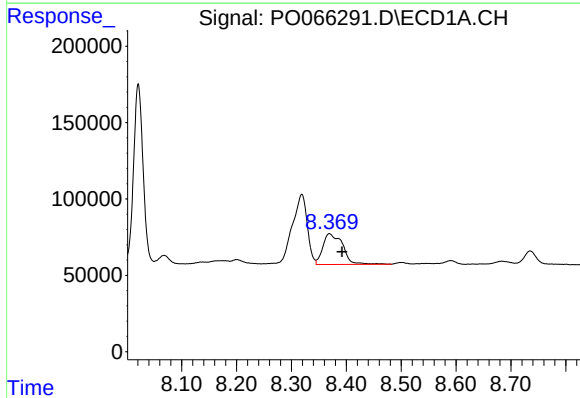
R.T.: 8.319 min
Delta R.T.: 0.013 min
Response: 879339
Conc: 127.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



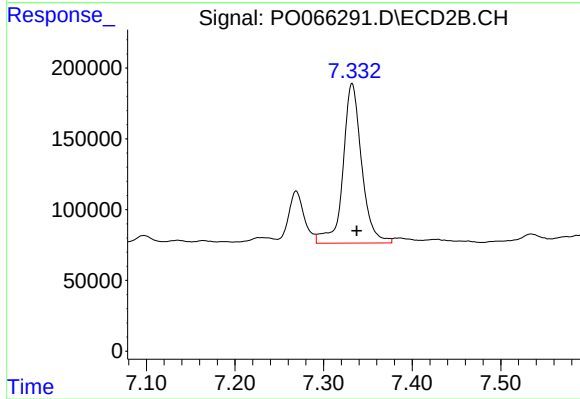
#41 AR-1268-1

R.T.: 7.269 min
Delta R.T.: -0.003 min
Response: 458798
Conc: 38.21 ng/ml



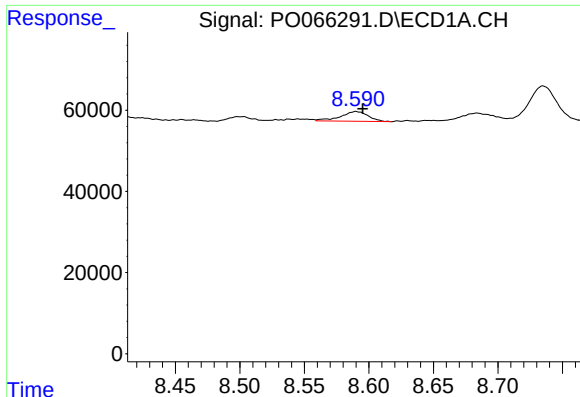
#42 AR-1268-2

R.T.: 8.369 min
Delta R.T.: -0.023 min
Response: 504550
Conc: 83.76 ng/ml



#42 AR-1268-2

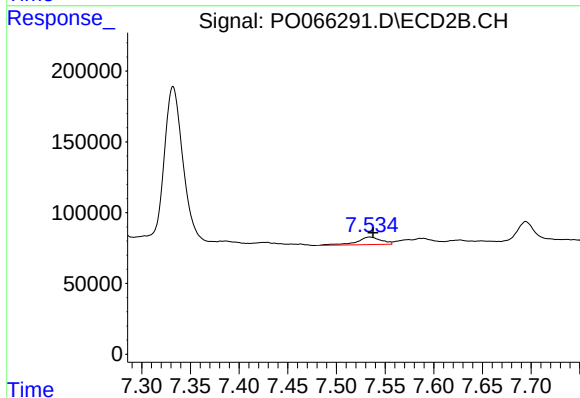
R.T.: 7.332 min
Delta R.T.: -0.005 min
Response: 1651517
Conc: 159.91 ng/ml



#43 AR-1268-3

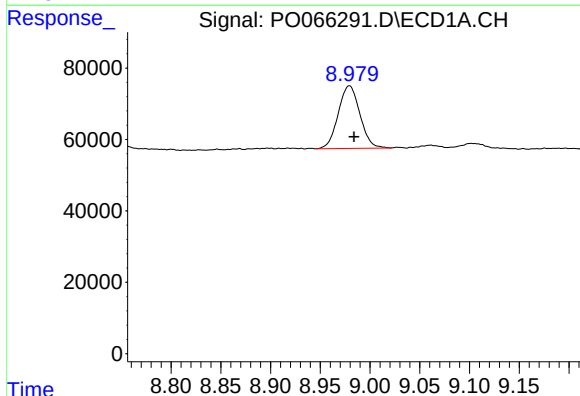
R.T.: 8.590 min
Delta R.T.: -0.005 min
Response: 35764
Conc: 6.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



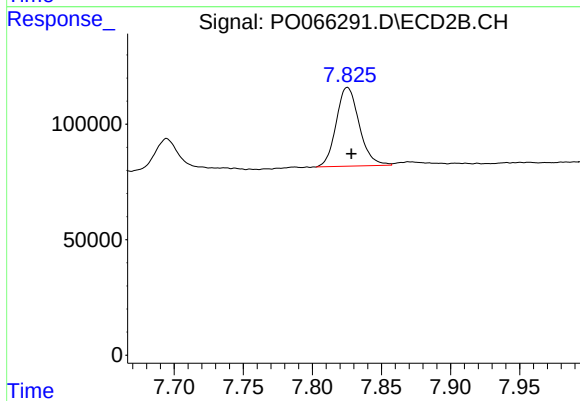
#43 AR-1268-3

R.T.: 7.534 min
Delta R.T.: -0.003 min
Response: 93542
Conc: 10.74 ng/ml



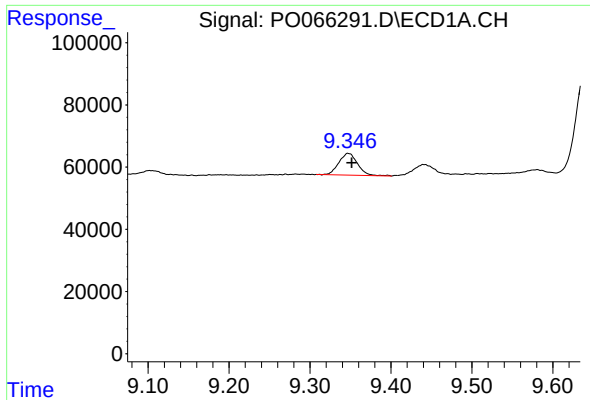
#44 AR-1268-4

R.T.: 8.979 min
Delta R.T.: -0.005 min
Response: 265843
Conc: 125.71 ng/ml



#44 AR-1268-4

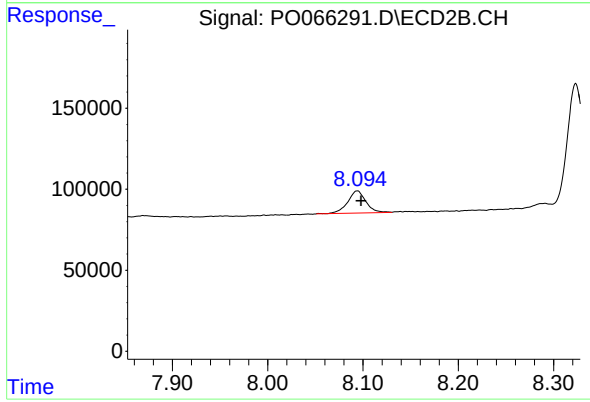
R.T.: 7.825 min
Delta R.T.: -0.003 min
Response: 395382
Conc: 119.71 ng/ml



#45 AR-1268-5

R.T.: 9.347 min
Delta R.T.: -0.004 min
Response: 112466
Conc: 7.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.094 min
Delta R.T.: -0.004 min
Response: 182413
Conc: 7.36 ng/ml