

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090319\
 Data File : P0060226.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 03 Sep 2019 11:33
 Operator : SM/AJ
 Sample : PB122727BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB122727BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 04 01:15:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 30 18:12:46 2019
 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...	4.117	3.493	790829	702425	22.587	19.514
2)	SA Decachlor...	9.569	8.346	1075331	863082	20.213	21.405
Target Compounds							
3)	L1 AR-1016-1	5.265	4.542	385816	278249	240.552	205.814
4)	L1 AR-1016-2	5.285	4.558	575376	418837	240.492	209.104
5)	L1 AR-1016-3	5.346	4.730	357668	137718	240.123	127.297 #
6)	L1 AR-1016-4	5.445	4.771	40248	169536	33.270	187.749 #
7)	L1 AR-1016-5	5.730	4.979	-6506	238094	N.D.	206.692 #
8)	L2 AR-1221-1	4.415	3.697	43339	20647	102.343	51.440 #
9)	L2 AR-1221-2	4.415	3.783	43339	33284	133.436	109.263
10)	L2 AR-1221-3	4.489	3.854	166563	125358	158.350	128.119
11)	L3 AR-1232-1	4.489	3.854	166563	125358	133.632	109.951
12)	L3 AR-1232-2	5.002	4.558	260091	418837	368.194	328.867
13)	L3 AR-1232-3	5.285	4.730	575376	137718	375.727	202.255 #
14)	L3 AR-1232-4	5.530	4.840	-73649	68126	N.D.	111.672 #
15)	L3 AR-1232-5	5.573	4.979	266555	238094	443.423	349.760
16)	L4 AR-1242-1	5.285	4.558	575376	418837	453.224	407.168
17)	L4 AR-1242-2	5.285	4.558	575376	418837	310.067	274.992
18)	L4 AR-1242-3	5.346	4.730	357668	137718	306.003	164.832 #
19)	L4 AR-1242-4	5.530	4.840	-73649	68126	N.D.	81.649 #
20)	L4 AR-1242-5	6.210	5.320	1571	191798	1.250	171.462 #
21)	L5 AR-1248-1	5.265	4.542	385816	278249	384.834	336.039
22)	L5 AR-1248-2	5.530	4.771	-73649	169536	N.D.	147.023 #
23)	L5 AR-1248-3	5.730	4.810	-6506	214243	N.D.	180.377 #
24)	L5 AR-1248-4	6.129	4.979	61304	238094	29.991	163.854 #
25)	L5 AR-1248-5	6.166	5.320	51730	191798	26.086	134.004 #
26)	L6 AR-1254-1	6.099	5.320	241429	191798	115.714	80.866 #
27)	L6 AR-1254-2	6.313	5.466	269579	171822	80.803	81.886
28)	L6 AR-1254-3	6.679	5.871	148981	358976	41.985	106.758 #
29)	L6 AR-1254-4	6.960	6.087	116005	40618	39.384	19.700 #
30)	L6 AR-1254-5	7.375	6.494	890100	615431	287.835	198.208 #
31)	L7 AR-1260-1	6.836	5.985	642673	490912	238.396	215.416
32)	L7 AR-1260-2	7.091	6.173	796029	627529	214.535	214.183
33)	L7 AR-1260-3	7.445	6.321	691731	560958	211.130	211.751
34)	L7 AR-1260-4	7.672	6.784	698300	483193	227.361	213.558
35)	L7 AR-1260-5	7.978	7.027	1388769	1123873	196.129	204.217
36)	L8 AR-1262-1	7.502	6.528	378497	602370	77.994	161.599 #
37)	L8 AR-1262-2	8.021	7.027	221244	1123873	28.674	191.166 #
38)	L8 AR-1262-3	8.278	7.299	525308	286318	102.955	112.681
39)	L8 AR-1262-4	8.324	7.366	723070	792574	187.580	179.358
40)	L8 AR-1262-5	8.928	7.858	460458	256491	179.407	142.056
41)	L9 AR-1268-1	8.278	7.299	525308	286318	55.821	40.208 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090319\
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 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 03 Sep 2019 11:33
 Operator : SM/AJ
 Sample : PB122727BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

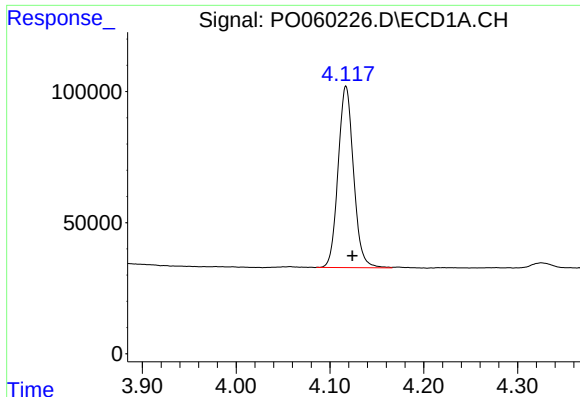
Instrument :
 ECD_O
 ClientSampleId :
 PB122727BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 04 01:15:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
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 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
42) L9	AR-1268-2	8.324	7.366	723070	792574	91.729	122.918 #
43) L9	AR-1268-3	8.607	7.561	104419	28228	14.814	5.159 #
44) L9	AR-1268-4	8.928	7.858	460458	256491	165.630	125.651
45) L9	AR-1268-5	9.347	8.123	7951	79186	0.431	5.450 #

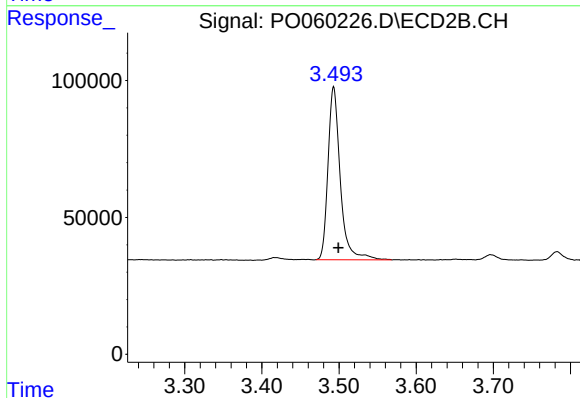
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

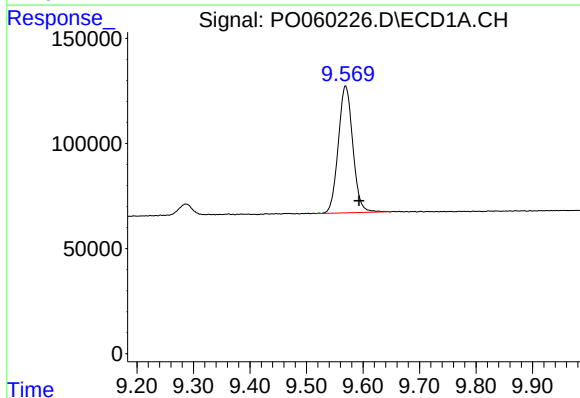
R.T.: 4.117 min
Delta R.T.: -0.007 min
Response: 790829
Conc: 22.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122727BS



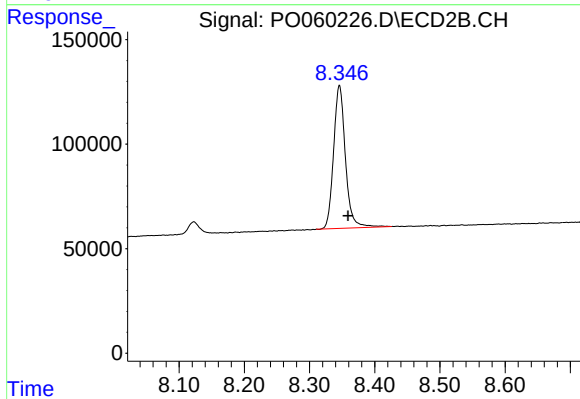
#1 Tetrachloro-m-xylene

R.T.: 3.493 min
Delta R.T.: -0.006 min
Response: 702425
Conc: 19.51 ng/ml



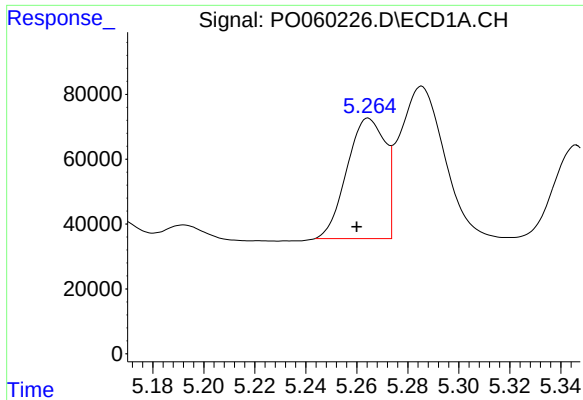
#2 Decachlorobiphenyl

R.T.: 9.569 min
Delta R.T.: -0.024 min
Response: 1075331
Conc: 20.21 ng/ml



#2 Decachlorobiphenyl

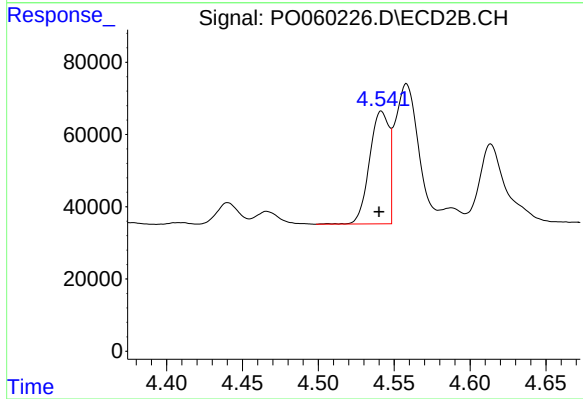
R.T.: 8.346 min
Delta R.T.: -0.013 min
Response: 863082
Conc: 21.41 ng/ml



#3 AR-1016-1

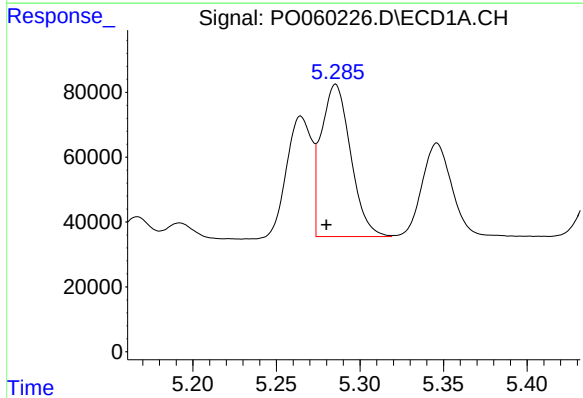
R.T.: 5.265 min
Delta R.T.: 0.005 min
Response: 385816
Conc: 240.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122727BS



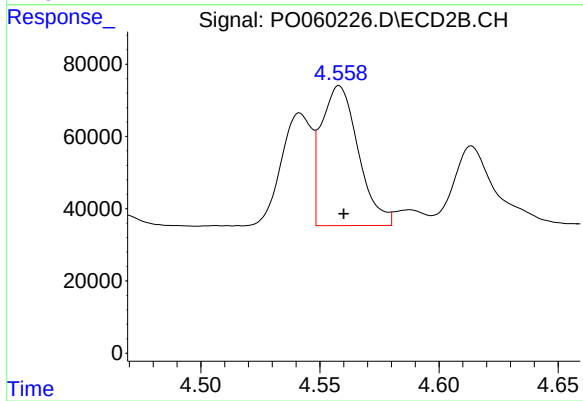
#3 AR-1016-1

R.T.: 4.542 min
Delta R.T.: 0.002 min
Response: 278249
Conc: 205.81 ng/ml



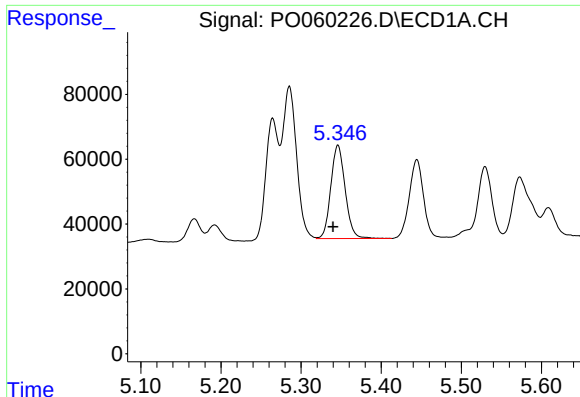
#4 AR-1016-2

R.T.: 5.285 min
Delta R.T.: 0.005 min
Response: 575376
Conc: 240.49 ng/ml



#4 AR-1016-2

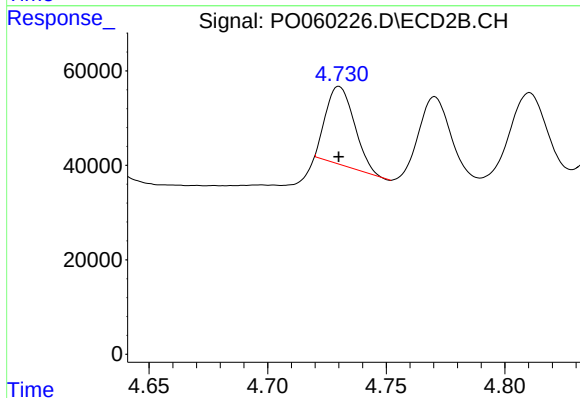
R.T.: 4.558 min
Delta R.T.: -0.002 min
Response: 418837
Conc: 209.10 ng/ml



#5 AR-1016-3

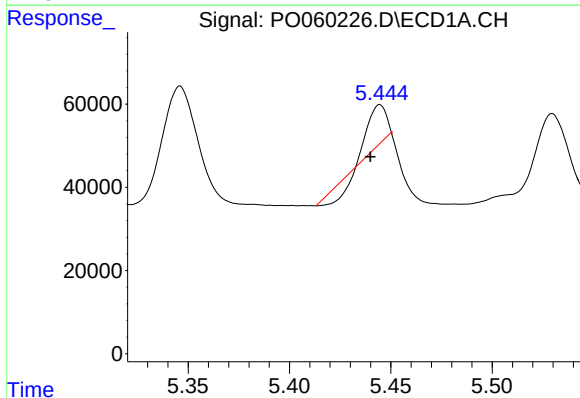
R.T.: 5.346 min
Delta R.T.: 0.006 min
Response: 357668
Conc: 240.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122727BS



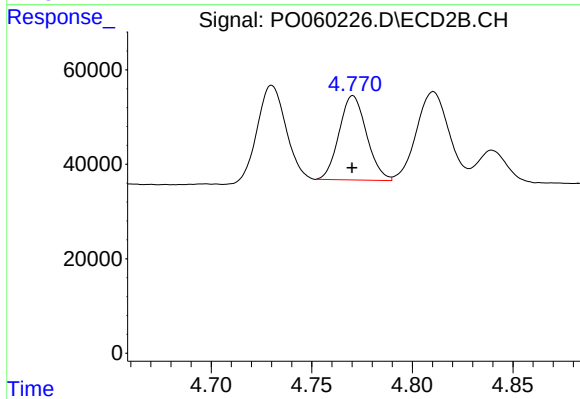
#5 AR-1016-3

R.T.: 4.730 min
Delta R.T.: 0.000 min
Response: 137718
Conc: 127.30 ng/ml



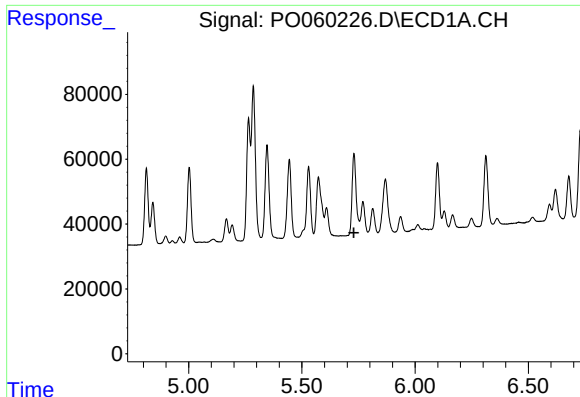
#6 AR-1016-4

R.T.: 5.445 min
Delta R.T.: 0.005 min
Response: 40248
Conc: 33.27 ng/ml



#6 AR-1016-4

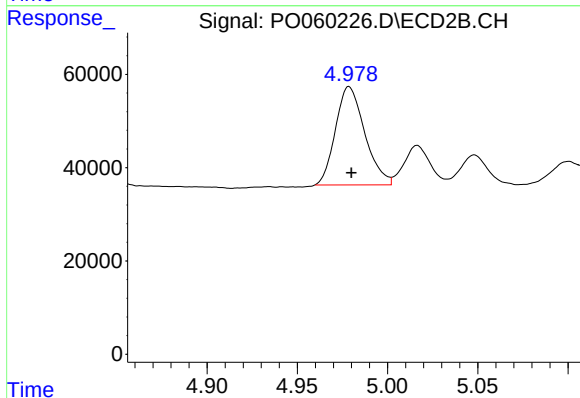
R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 169536
Conc: 187.75 ng/ml



#7 AR-1016-5

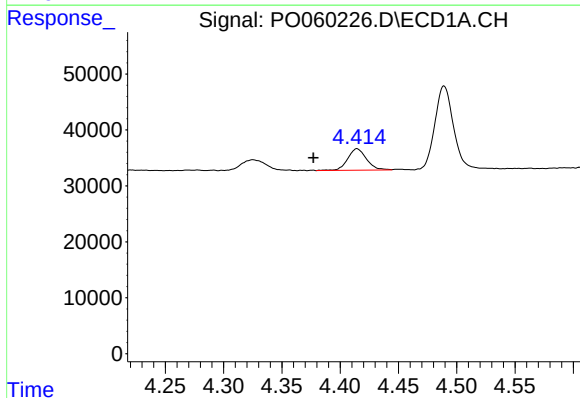
R.T.: 5.730 min
Delta R.T.: 0.000 min
Response: -6506
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PB122727BS



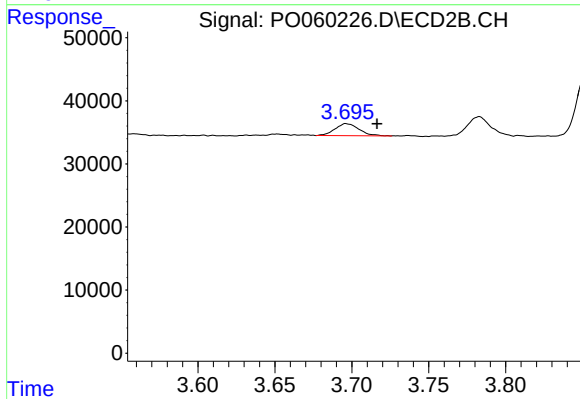
#7 AR-1016-5

R.T.: 4.979 min
Delta R.T.: -0.001 min
Response: 238094
Conc: 206.69 ng/ml



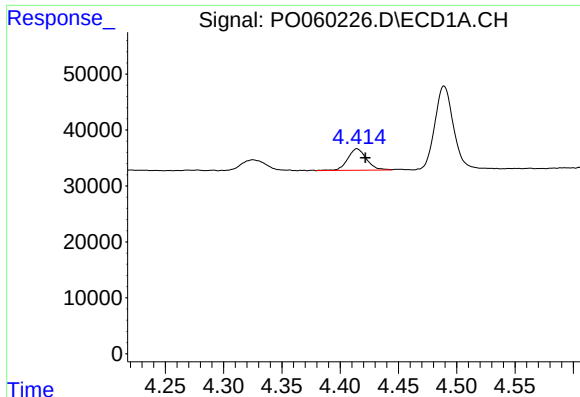
#8 AR-1221-1

R.T.: 4.415 min
Delta R.T.: 0.037 min
Response: 43339
Conc: 102.34 ng/ml



#8 AR-1221-1

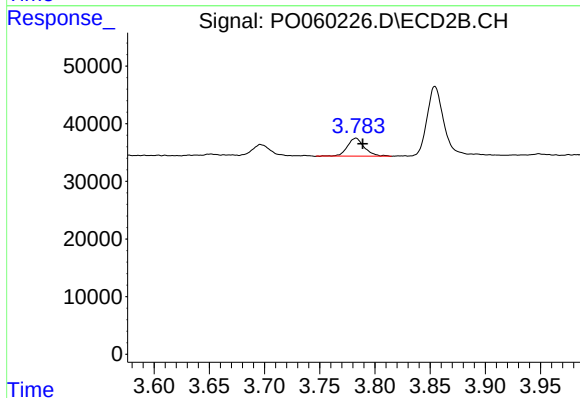
R.T.: 3.697 min
Delta R.T.: -0.020 min
Response: 20647
Conc: 51.44 ng/ml



#9 AR-1221-2

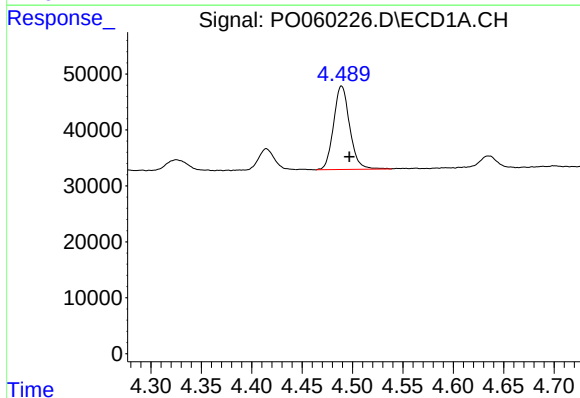
R.T.: 4.415 min
Delta R.T.: -0.007 min
Response: 43339
Conc: 133.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122727BS



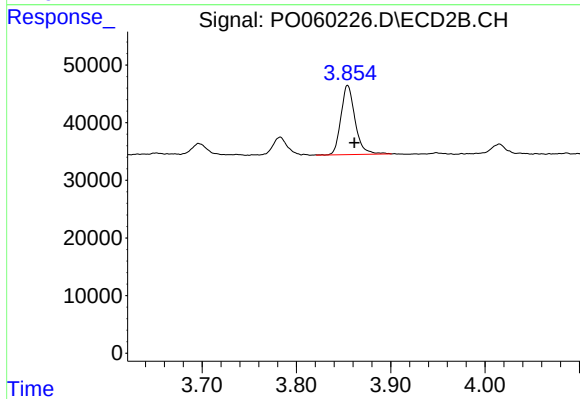
#9 AR-1221-2

R.T.: 3.783 min
Delta R.T.: -0.006 min
Response: 33284
Conc: 109.26 ng/ml



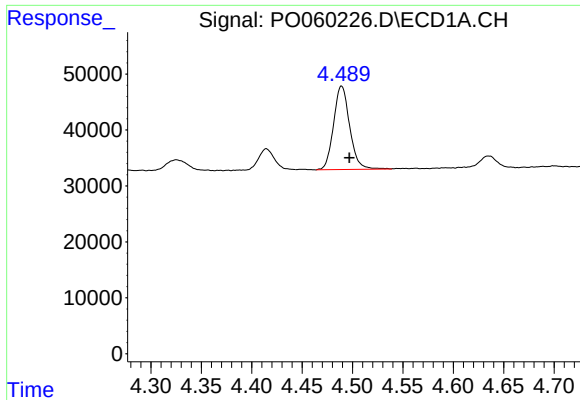
#10 AR-1221-3

R.T.: 4.489 min
Delta R.T.: -0.008 min
Response: 166563
Conc: 158.35 ng/ml



#10 AR-1221-3

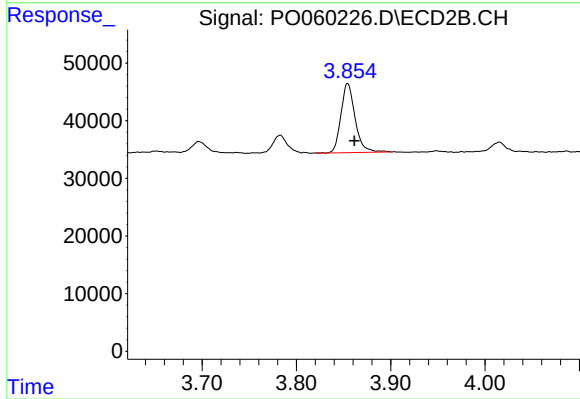
R.T.: 3.854 min
Delta R.T.: -0.007 min
Response: 125358
Conc: 128.12 ng/ml



#11 AR-1232-1

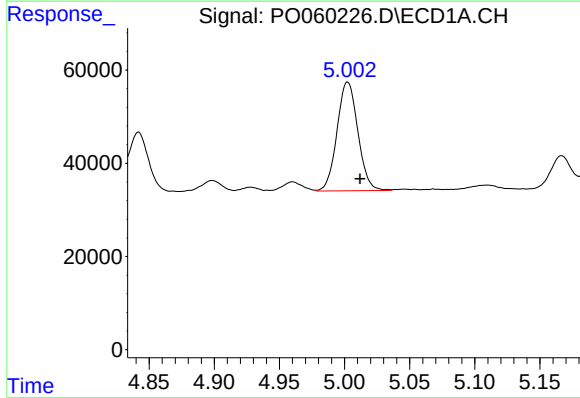
R.T.: 4.489 min
Delta R.T.: -0.008 min
Response: 166563
Conc: 133.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122727BS



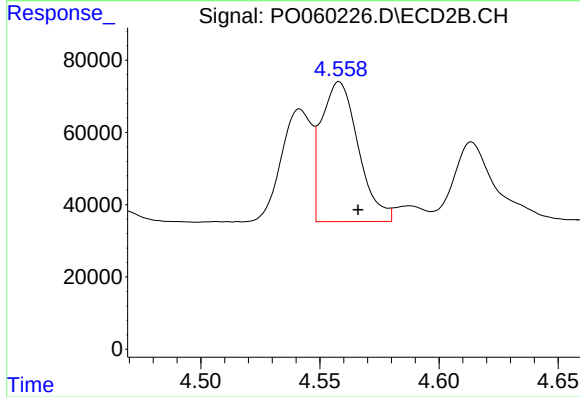
#11 AR-1232-1

R.T.: 3.854 min
Delta R.T.: -0.007 min
Response: 125358
Conc: 109.95 ng/ml



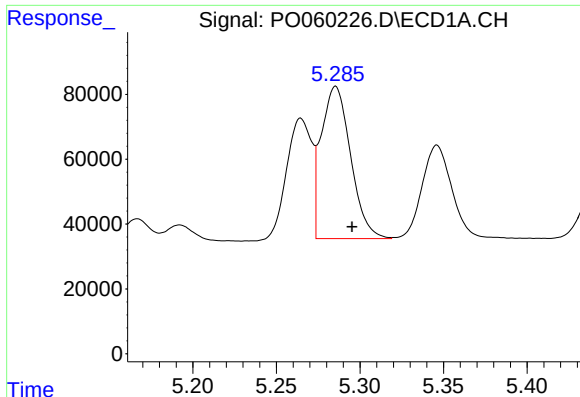
#12 AR-1232-2

R.T.: 5.002 min
Delta R.T.: -0.009 min
Response: 260091
Conc: 368.19 ng/ml



#12 AR-1232-2

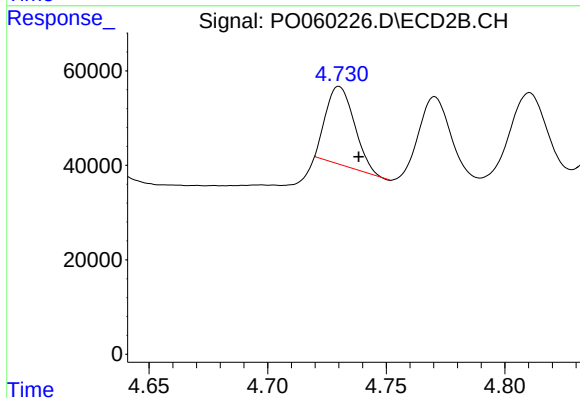
R.T.: 4.558 min
Delta R.T.: -0.008 min
Response: 418837
Conc: 328.87 ng/ml



#13 AR-1232-3

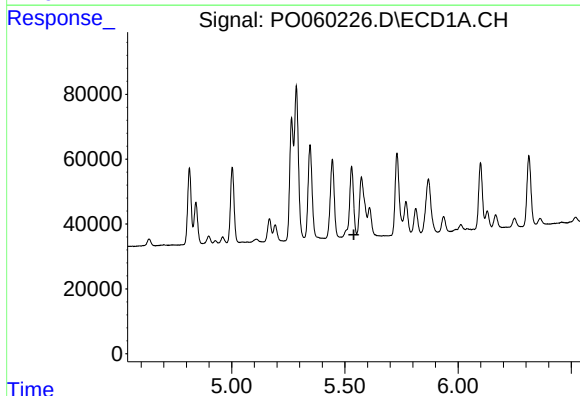
R.T.: 5.285 min
Delta R.T.: -0.010 min
Response: 575376
Conc: 375.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122727BS



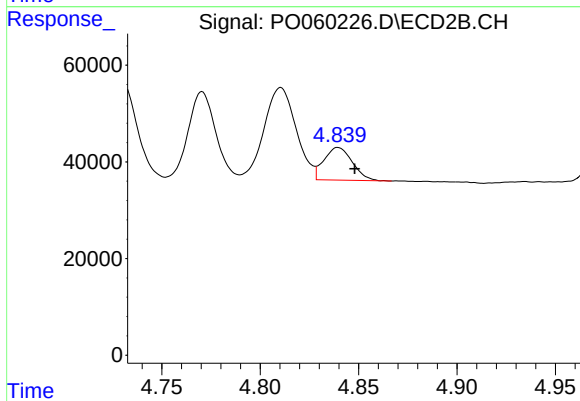
#13 AR-1232-3

R.T.: 4.730 min
Delta R.T.: -0.008 min
Response: 137718
Conc: 202.26 ng/ml



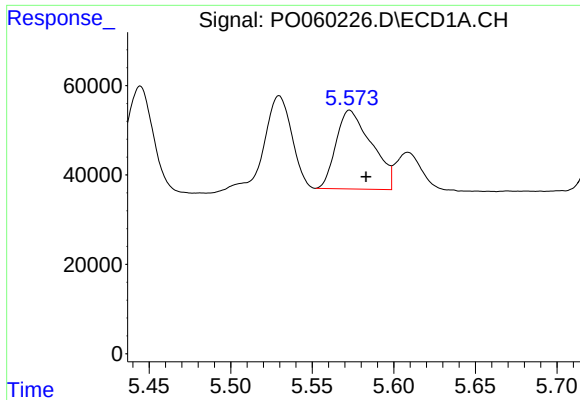
#14 AR-1232-4

R.T.: 5.530 min
Delta R.T.: -0.010 min
Response: -73649
Conc: N.D.



#14 AR-1232-4

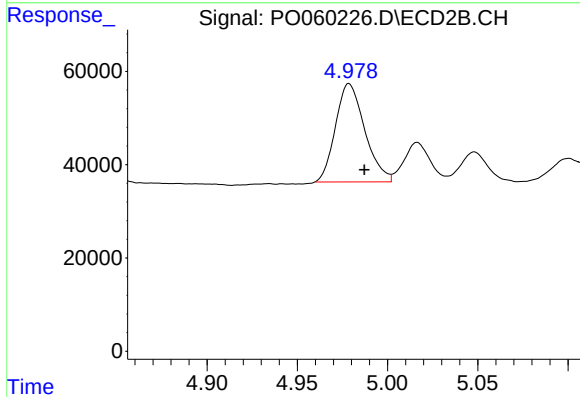
R.T.: 4.840 min
Delta R.T.: -0.008 min
Response: 68126
Conc: 111.67 ng/ml



#15 AR-1232-5

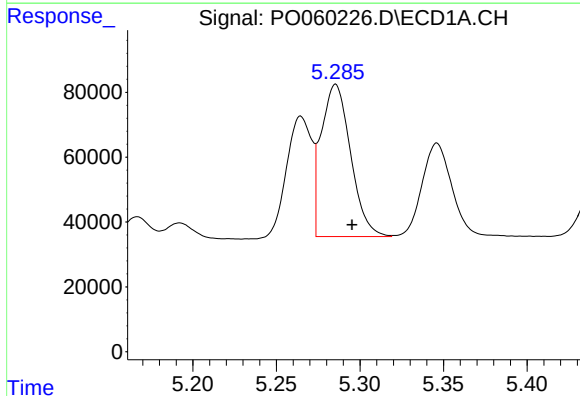
R.T.: 5.573 min
Delta R.T.: -0.010 min
Response: 266555
Conc: 443.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122727BS



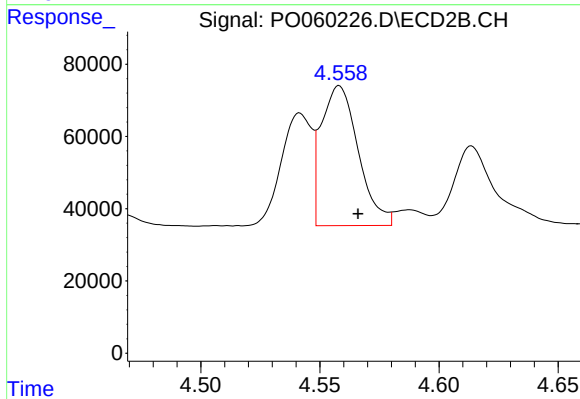
#15 AR-1232-5

R.T.: 4.979 min
Delta R.T.: -0.008 min
Response: 238094
Conc: 349.76 ng/ml



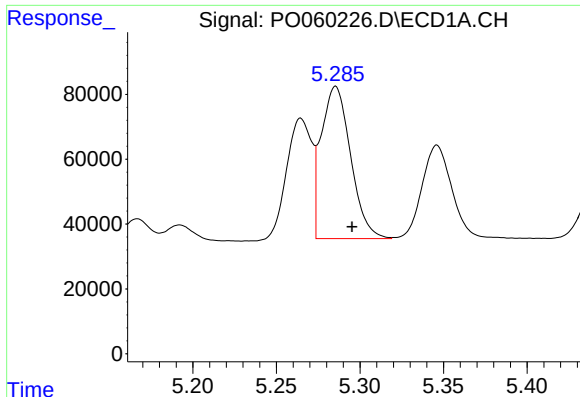
#16 AR-1242-1

R.T.: 5.285 min
Delta R.T.: -0.010 min
Response: 575376
Conc: 453.22 ng/ml



#16 AR-1242-1

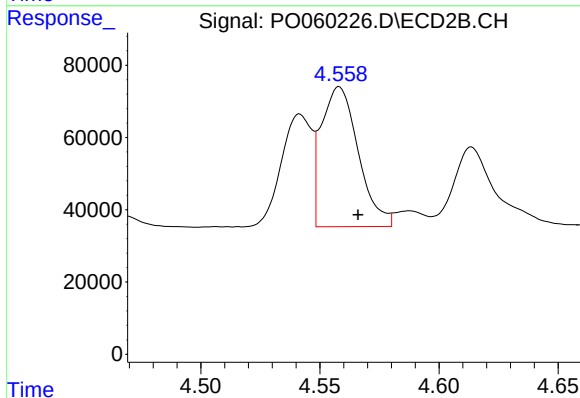
R.T.: 4.558 min
Delta R.T.: -0.008 min
Response: 418837
Conc: 407.17 ng/ml



#17 AR-1242-2

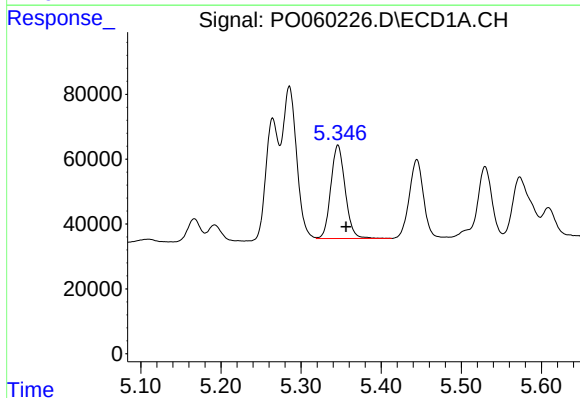
R.T.: 5.285 min
Delta R.T.: -0.010 min
Response: 575376
Conc: 310.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122727BS



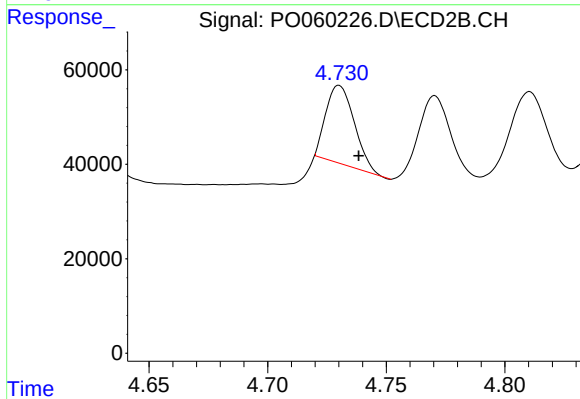
#17 AR-1242-2

R.T.: 4.558 min
Delta R.T.: -0.008 min
Response: 418837
Conc: 274.99 ng/ml



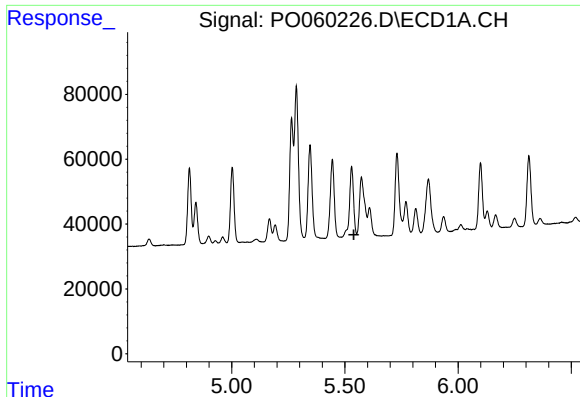
#18 AR-1242-3

R.T.: 5.346 min
Delta R.T.: -0.010 min
Response: 357668
Conc: 306.00 ng/ml



#18 AR-1242-3

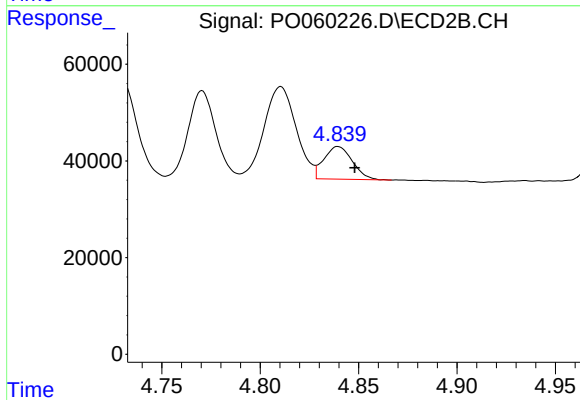
R.T.: 4.730 min
Delta R.T.: -0.008 min
Response: 137718
Conc: 164.83 ng/ml



#19 AR-1242-4

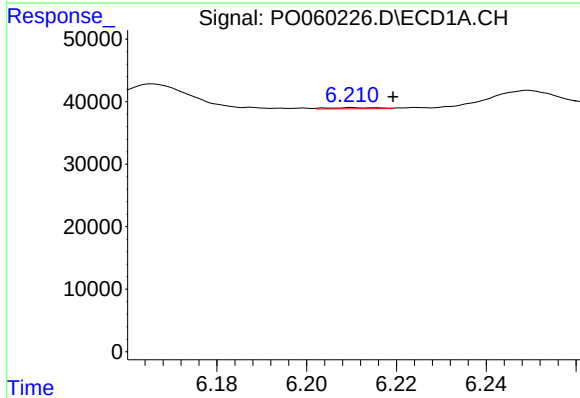
R.T.: 5.530 min
Delta R.T.: -0.010 min
Response: -73649
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PB122727BS



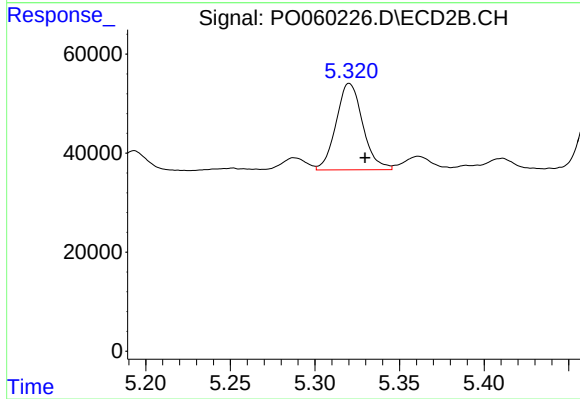
#19 AR-1242-4

R.T.: 4.840 min
Delta R.T.: -0.008 min
Response: 68126
Conc: 81.65 ng/ml



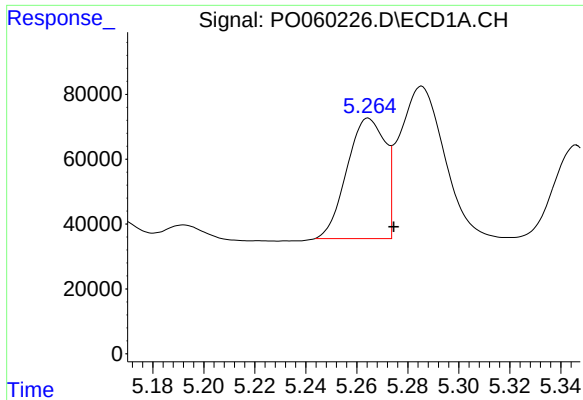
#20 AR-1242-5

R.T.: 6.210 min
Delta R.T.: -0.009 min
Response: 1571
Conc: 1.25 ng/ml



#20 AR-1242-5

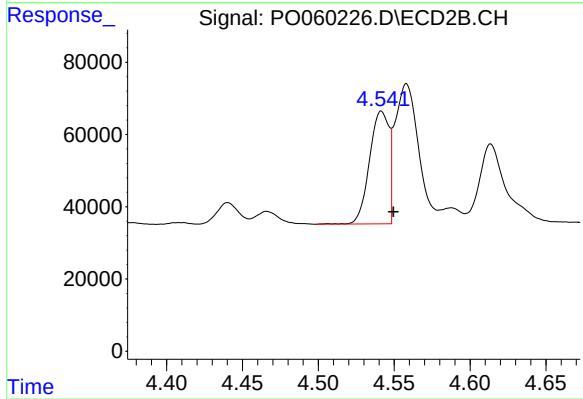
R.T.: 5.320 min
Delta R.T.: -0.009 min
Response: 191798
Conc: 171.46 ng/ml



#21 AR-1248-1

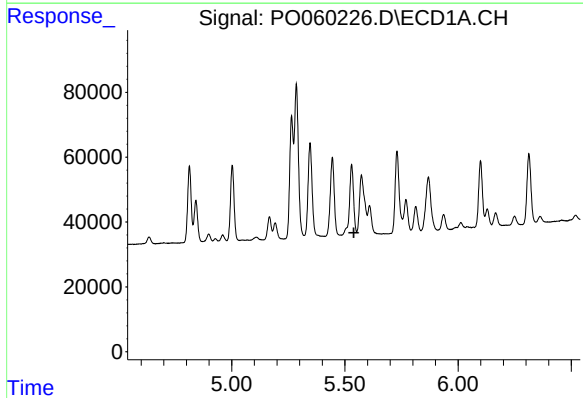
R.T.: 5.265 min
Delta R.T.: -0.010 min
Response: 385816
Conc: 384.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122727BS



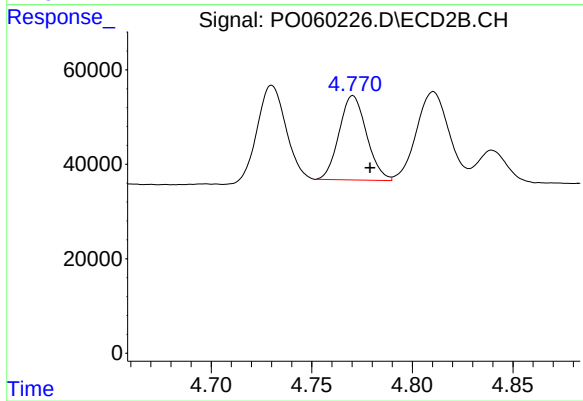
#21 AR-1248-1

R.T.: 4.542 min
Delta R.T.: -0.008 min
Response: 278249
Conc: 336.04 ng/ml



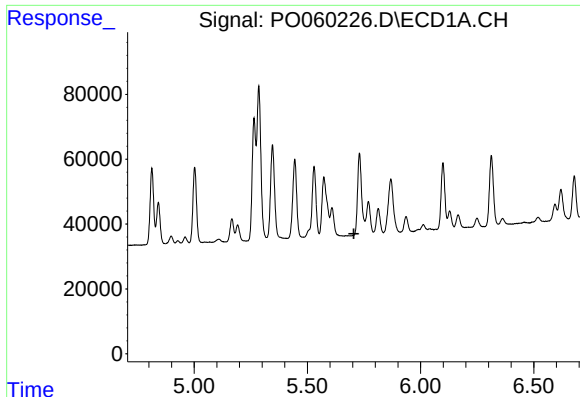
#22 AR-1248-2

R.T.: 5.530 min
Delta R.T.: -0.010 min
Response: -73649
Conc: N.D.



#22 AR-1248-2

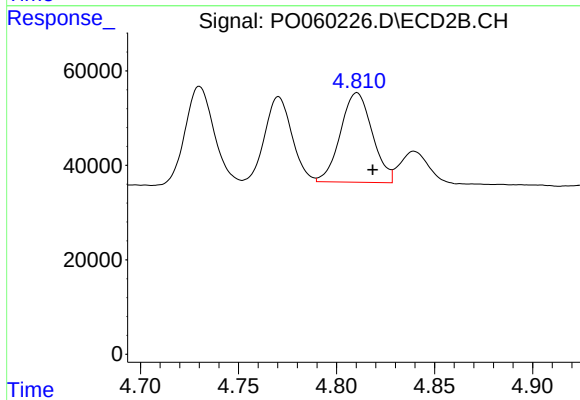
R.T.: 4.771 min
Delta R.T.: -0.009 min
Response: 169536
Conc: 147.02 ng/ml



#23 AR-1248-3

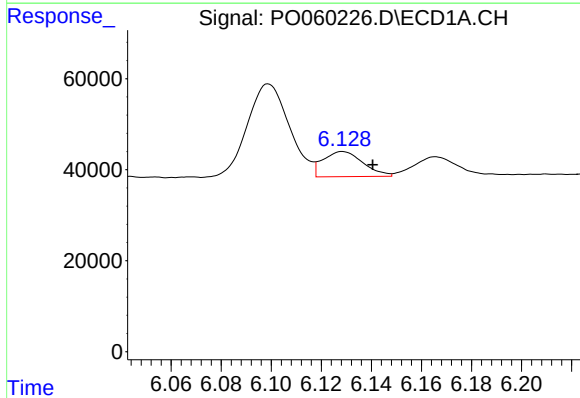
R.T.: 5.730 min
Delta R.T.: 0.025 min
Response: -6506
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PB122727BS



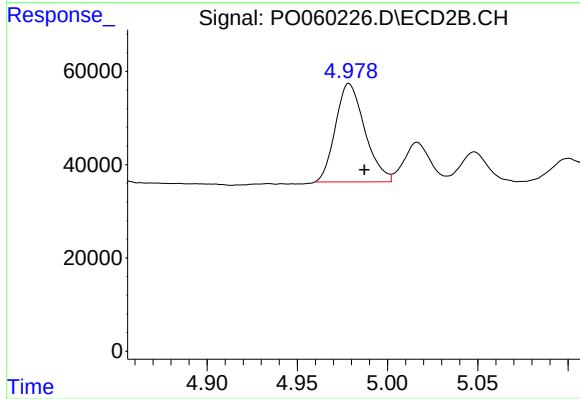
#23 AR-1248-3

R.T.: 4.810 min
Delta R.T.: -0.008 min
Response: 214243
Conc: 180.38 ng/ml



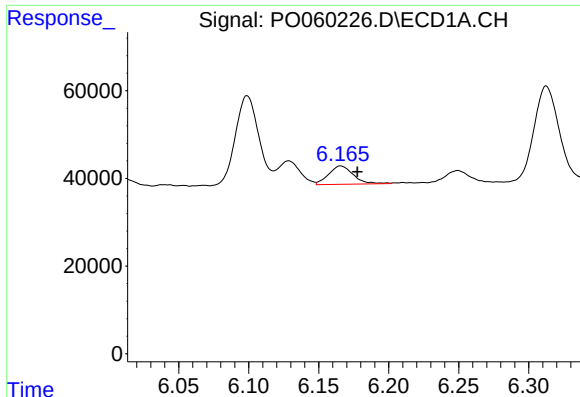
#24 AR-1248-4

R.T.: 6.129 min
Delta R.T.: -0.012 min
Response: 61304
Conc: 29.99 ng/ml



#24 AR-1248-4

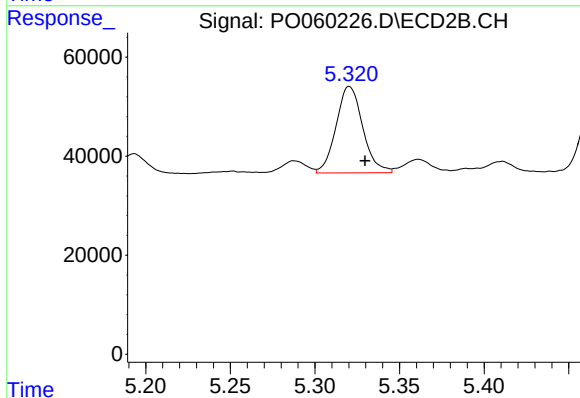
R.T.: 4.979 min
Delta R.T.: -0.008 min
Response: 238094
Conc: 163.85 ng/ml



#25 AR-1248-5

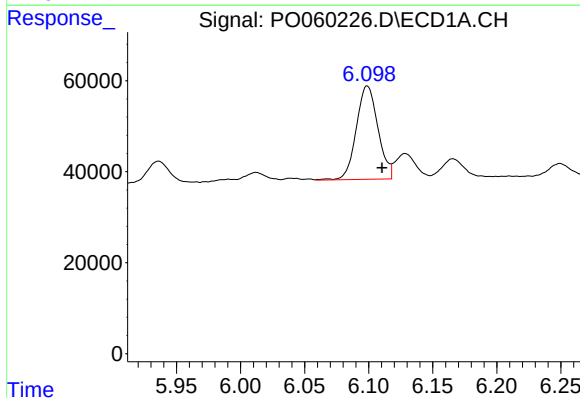
R.T.: 6.166 min
Delta R.T.: -0.012 min
Response: 51730
Conc: 26.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122727BS



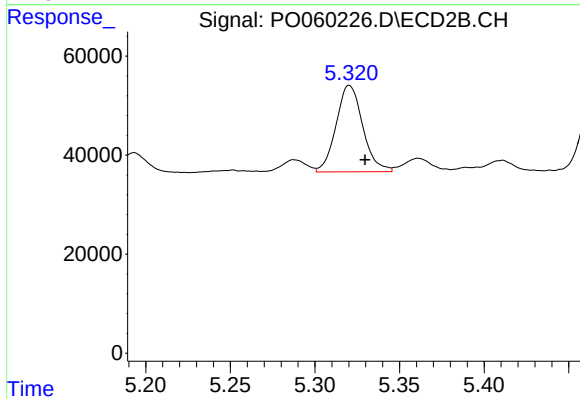
#25 AR-1248-5

R.T.: 5.320 min
Delta R.T.: -0.009 min
Response: 191798
Conc: 134.00 ng/ml



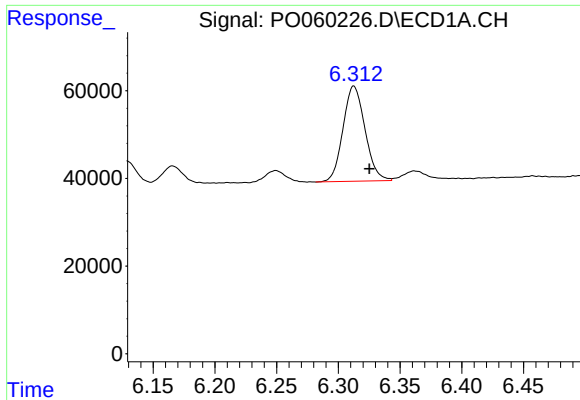
#26 AR-1254-1

R.T.: 6.099 min
Delta R.T.: -0.012 min
Response: 241429
Conc: 115.71 ng/ml



#26 AR-1254-1

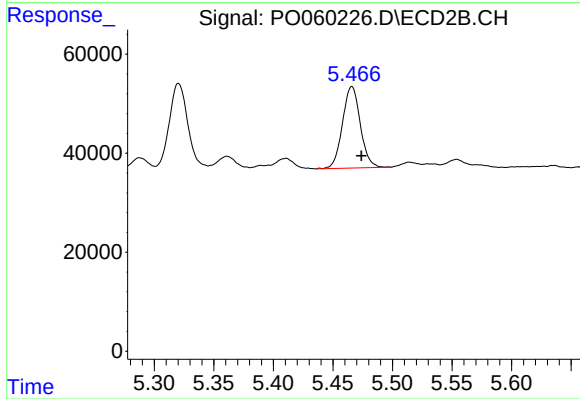
R.T.: 5.320 min
Delta R.T.: -0.009 min
Response: 191798
Conc: 80.87 ng/ml



#27 AR-1254-2

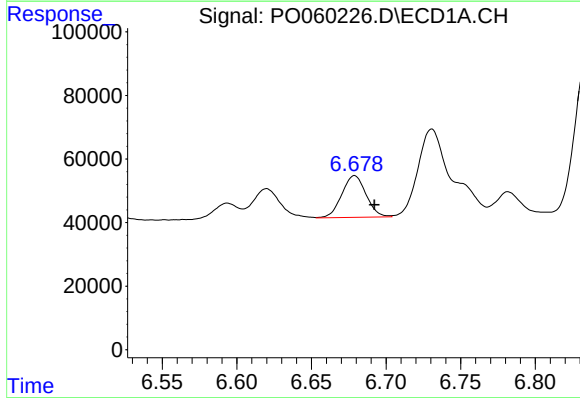
R.T.: 6.313 min
Delta R.T.: -0.013 min
Response: 269579
Conc: 80.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122727BS



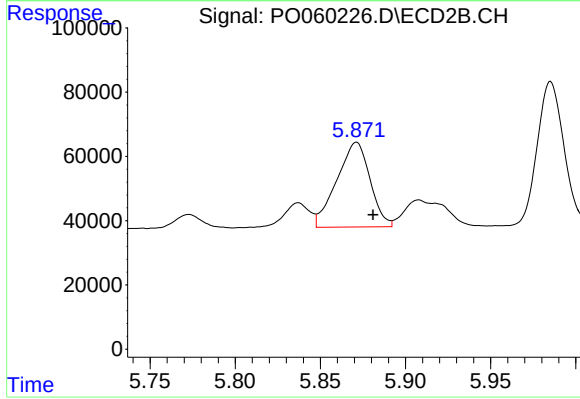
#27 AR-1254-2

R.T.: 5.466 min
Delta R.T.: -0.008 min
Response: 171822
Conc: 81.89 ng/ml



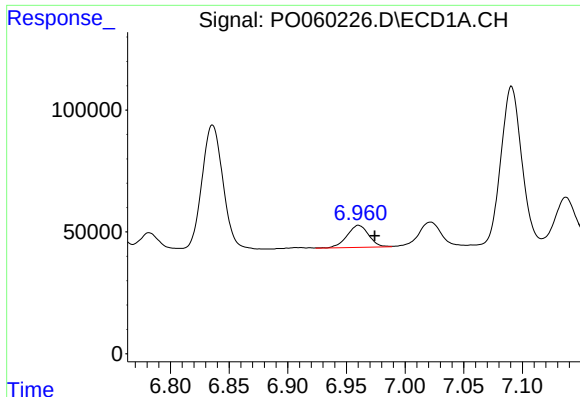
#28 AR-1254-3

R.T.: 6.679 min
Delta R.T.: -0.013 min
Response: 148981
Conc: 41.98 ng/ml



#28 AR-1254-3

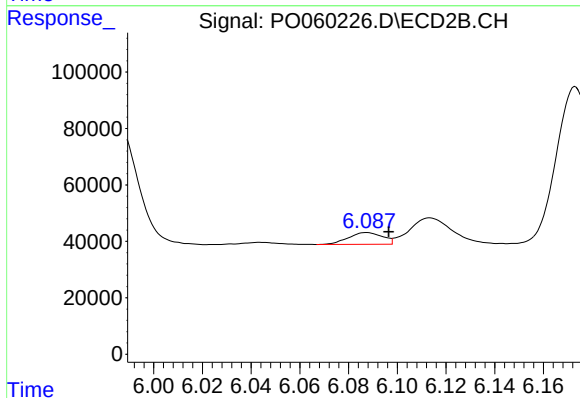
R.T.: 5.871 min
Delta R.T.: -0.010 min
Response: 358976
Conc: 106.76 ng/ml



#29 AR-1254-4

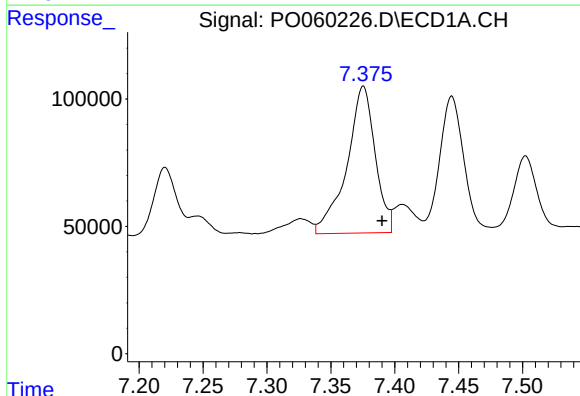
R.T.: 6.960 min
Delta R.T.: -0.014 min
Response: 116005
Conc: 39.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122727BS



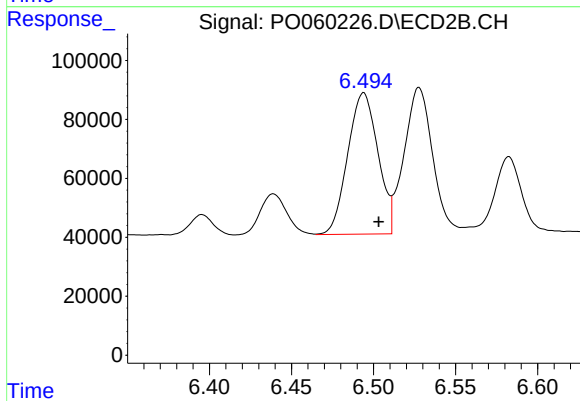
#29 AR-1254-4

R.T.: 6.087 min
Delta R.T.: -0.009 min
Response: 40618
Conc: 19.70 ng/ml



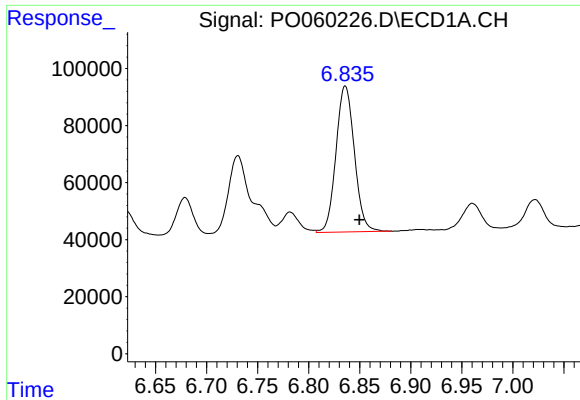
#30 AR-1254-5

R.T.: 7.375 min
Delta R.T.: -0.015 min
Response: 890100
Conc: 287.84 ng/ml



#30 AR-1254-5

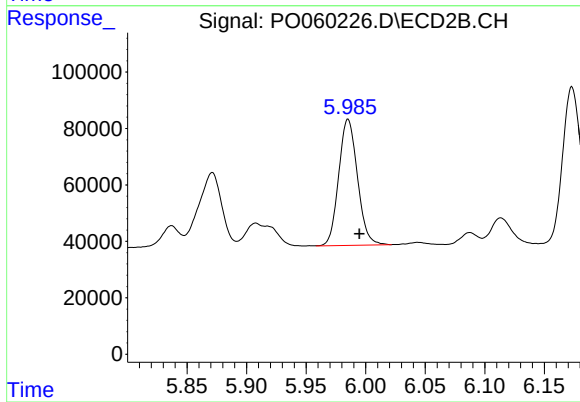
R.T.: 6.494 min
Delta R.T.: -0.009 min
Response: 615431
Conc: 198.21 ng/ml



#31 AR-1260-1

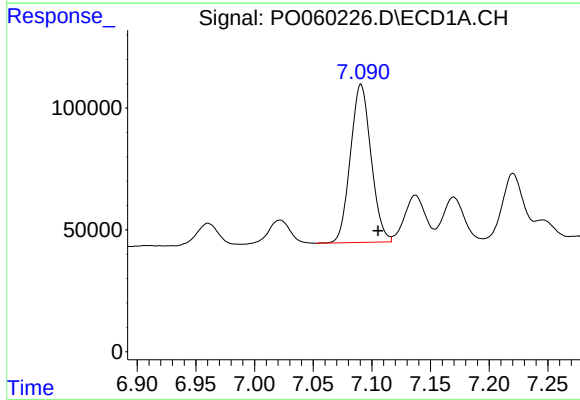
R.T.: 6.836 min
Delta R.T.: -0.014 min
Response: 642673
Conc: 238.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122727BS



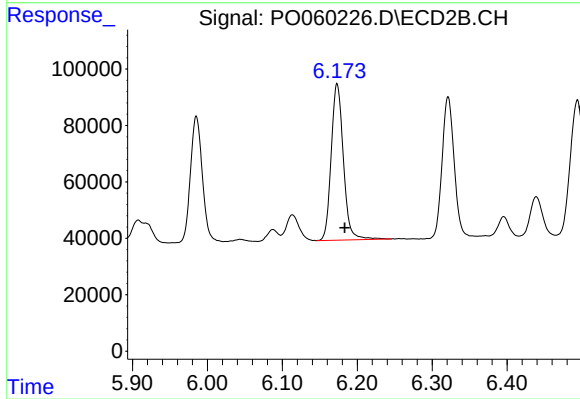
#31 AR-1260-1

R.T.: 5.985 min
Delta R.T.: -0.010 min
Response: 490912
Conc: 215.42 ng/ml



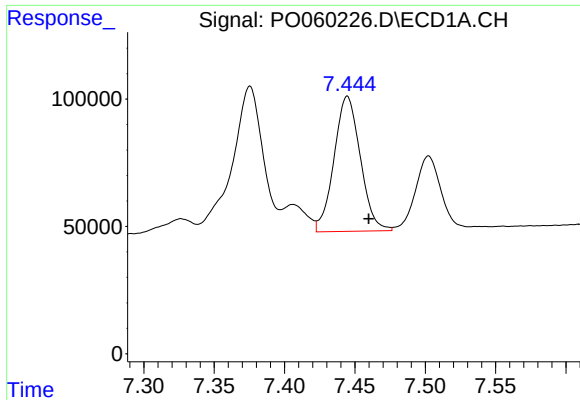
#32 AR-1260-2

R.T.: 7.091 min
Delta R.T.: -0.015 min
Response: 796029
Conc: 214.54 ng/ml



#32 AR-1260-2

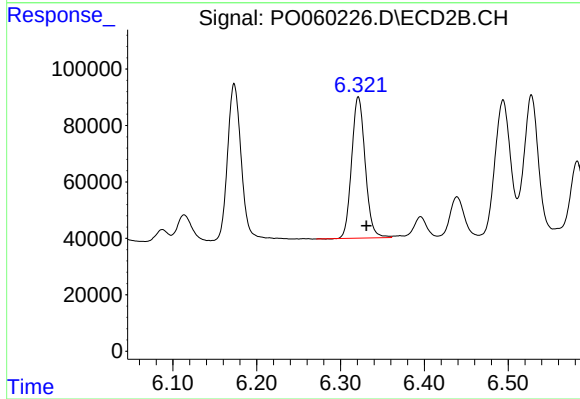
R.T.: 6.173 min
Delta R.T.: -0.010 min
Response: 627529
Conc: 214.18 ng/ml



#33 AR-1260-3

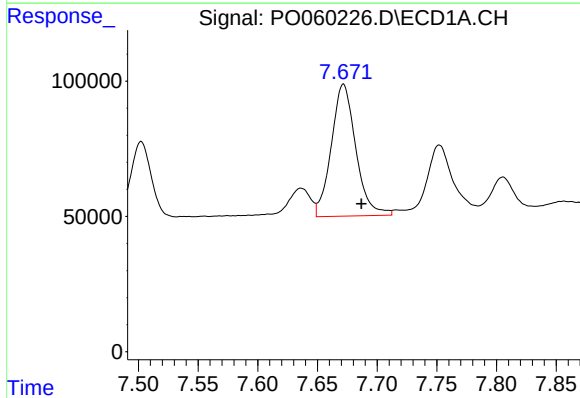
R.T.: 7.445 min
Delta R.T.: -0.015 min
Response: 691731
Conc: 211.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122727BS



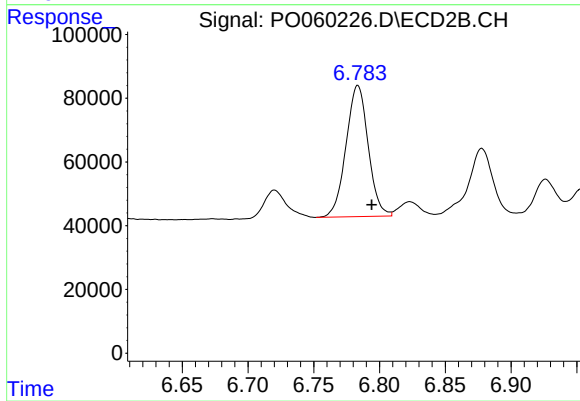
#33 AR-1260-3

R.T.: 6.321 min
Delta R.T.: -0.009 min
Response: 560958
Conc: 211.75 ng/ml



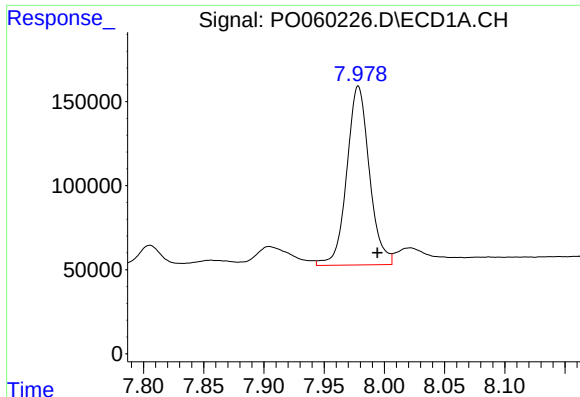
#34 AR-1260-4

R.T.: 7.672 min
Delta R.T.: -0.015 min
Response: 698300
Conc: 227.36 ng/ml



#34 AR-1260-4

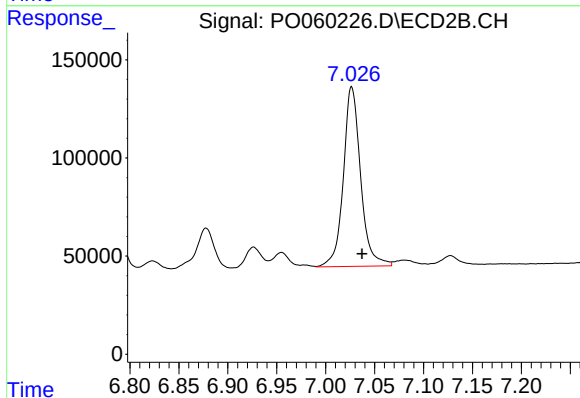
R.T.: 6.784 min
Delta R.T.: -0.011 min
Response: 483193
Conc: 213.56 ng/ml



#35 AR-1260-5

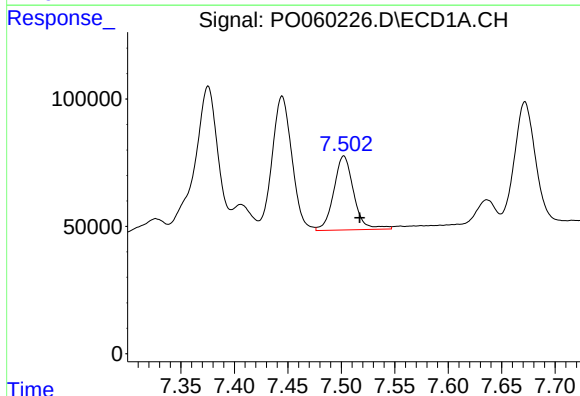
R.T.: 7.978 min
Delta R.T.: -0.016 min
Response: 1388769
Conc: 196.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122727BS



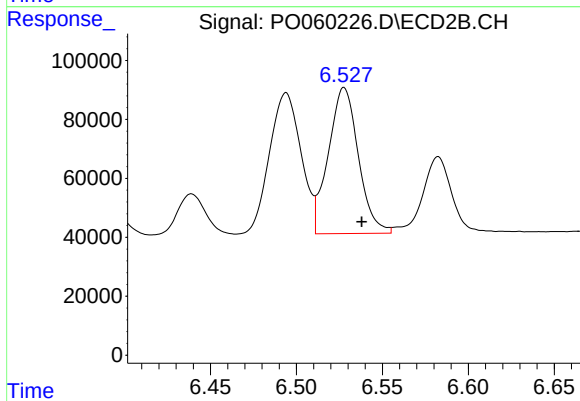
#35 AR-1260-5

R.T.: 7.027 min
Delta R.T.: -0.011 min
Response: 1123873
Conc: 204.22 ng/ml



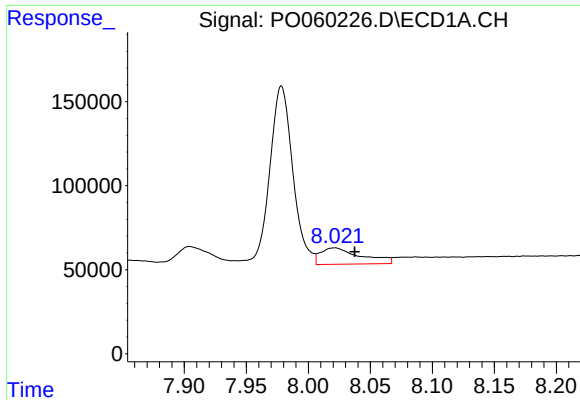
#36 AR-1262-1

R.T.: 7.502 min
Delta R.T.: -0.015 min
Response: 378497
Conc: 77.99 ng/ml



#36 AR-1262-1

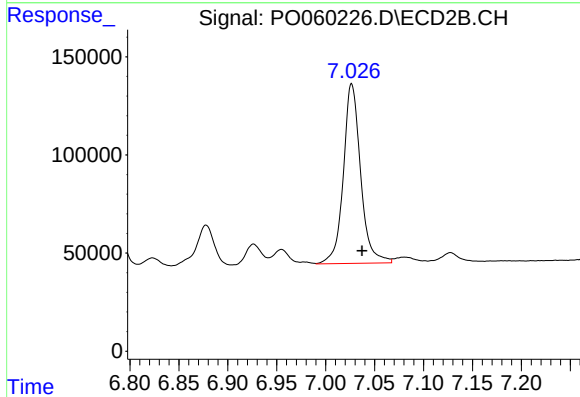
R.T.: 6.528 min
Delta R.T.: -0.010 min
Response: 602370
Conc: 161.60 ng/ml



#37 AR-1262-2

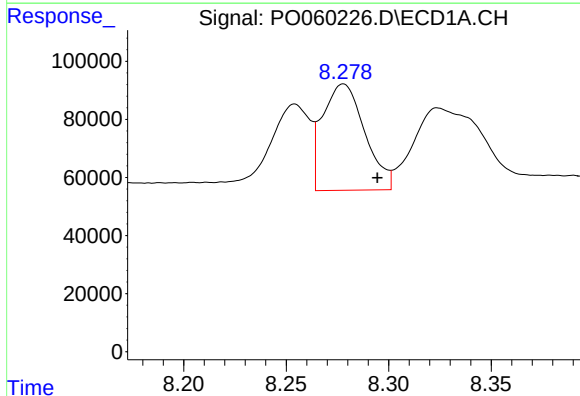
R.T.: 8.021 min
Delta R.T.: -0.016 min
Response: 221244
Conc: 28.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122727BS



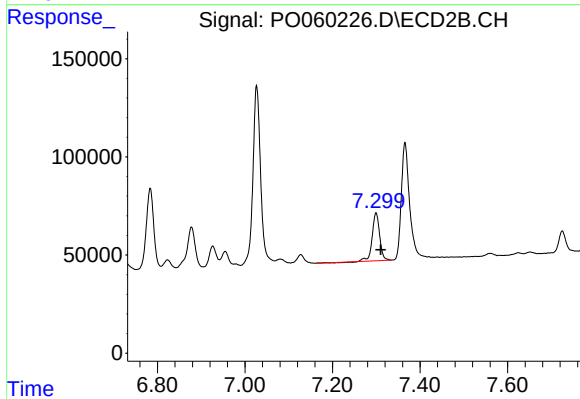
#37 AR-1262-2

R.T.: 7.027 min
Delta R.T.: -0.011 min
Response: 1123873
Conc: 191.17 ng/ml



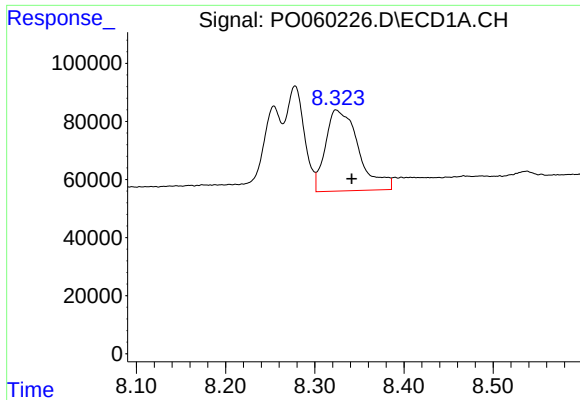
#38 AR-1262-3

R.T.: 8.278 min
Delta R.T.: -0.017 min
Response: 525308
Conc: 102.96 ng/ml



#38 AR-1262-3

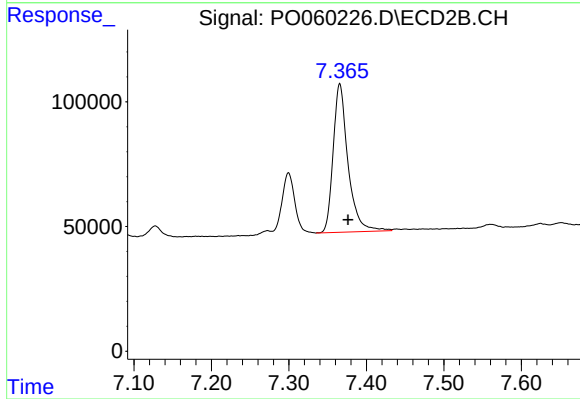
R.T.: 7.299 min
Delta R.T.: -0.011 min
Response: 286318
Conc: 112.68 ng/ml



#39 AR-1262-4

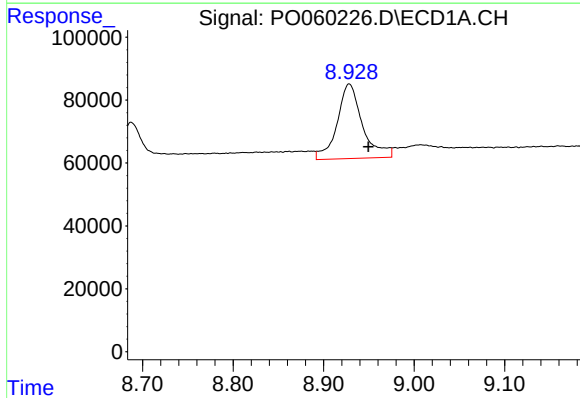
R.T.: 8.324 min
Delta R.T.: -0.017 min
Response: 723070
Conc: 187.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122727BS



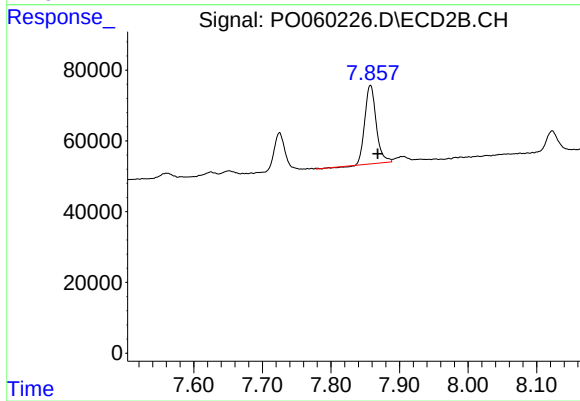
#39 AR-1262-4

R.T.: 7.366 min
Delta R.T.: -0.011 min
Response: 792574
Conc: 179.36 ng/ml



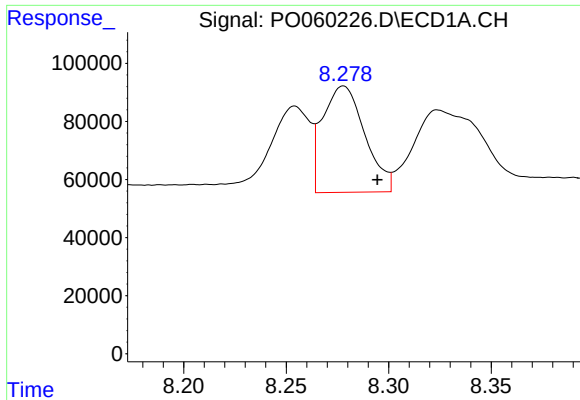
#40 AR-1262-5

R.T.: 8.928 min
Delta R.T.: -0.021 min
Response: 460458
Conc: 179.41 ng/ml



#40 AR-1262-5

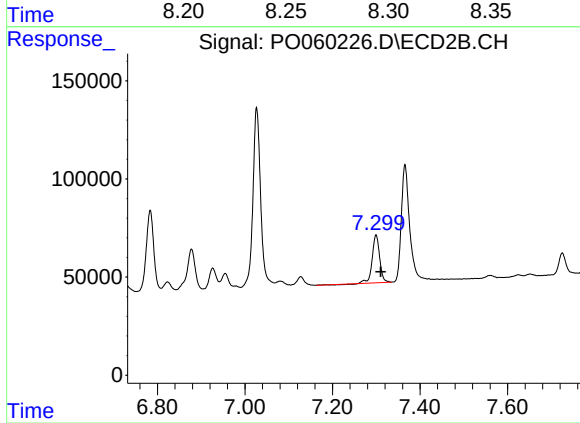
R.T.: 7.858 min
Delta R.T.: -0.011 min
Response: 256491
Conc: 142.06 ng/ml



#41 AR-1268-1

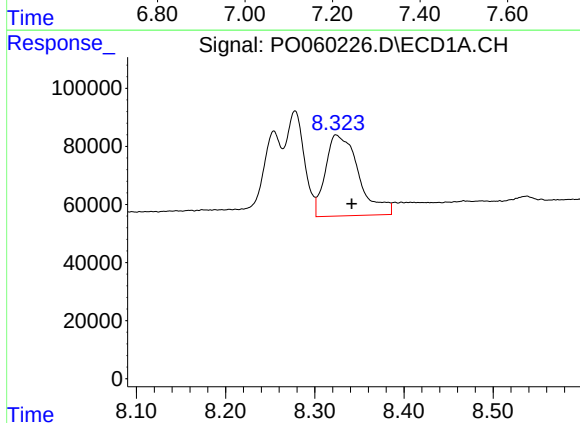
R.T.: 8.278 min
Delta R.T.: -0.017 min
Response: 525308
Conc: 55.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122727BS



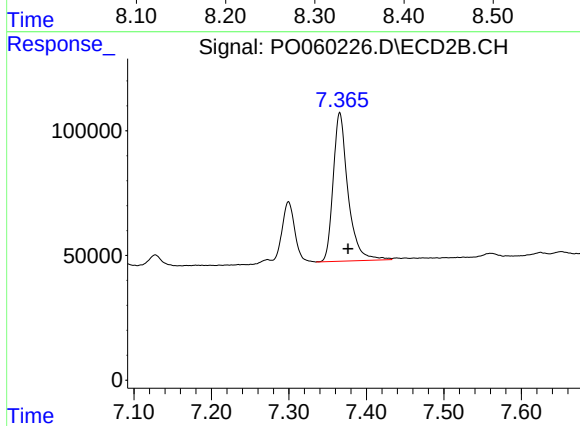
#41 AR-1268-1

R.T.: 7.299 min
Delta R.T.: -0.011 min
Response: 286318
Conc: 40.21 ng/ml



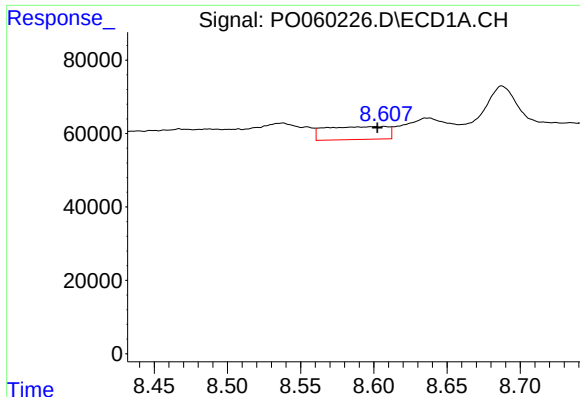
#42 AR-1268-2

R.T.: 8.324 min
Delta R.T.: -0.017 min
Response: 723070
Conc: 91.73 ng/ml



#42 AR-1268-2

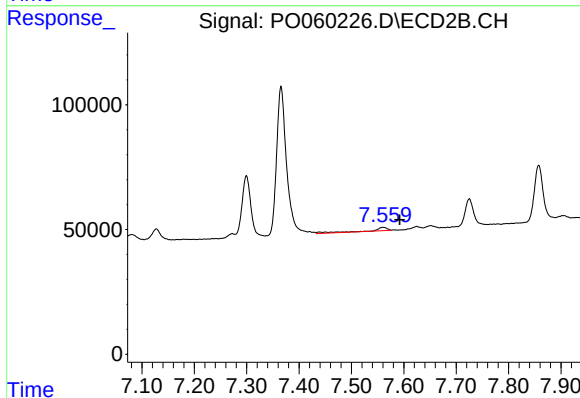
R.T.: 7.366 min
Delta R.T.: -0.011 min
Response: 792574
Conc: 122.92 ng/ml



#43 AR-1268-3

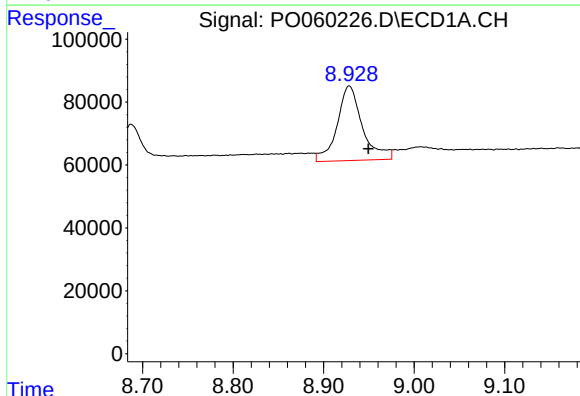
R.T.: 8.607 min
Delta R.T.: 0.005 min
Response: 104419
Conc: 14.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122727BS



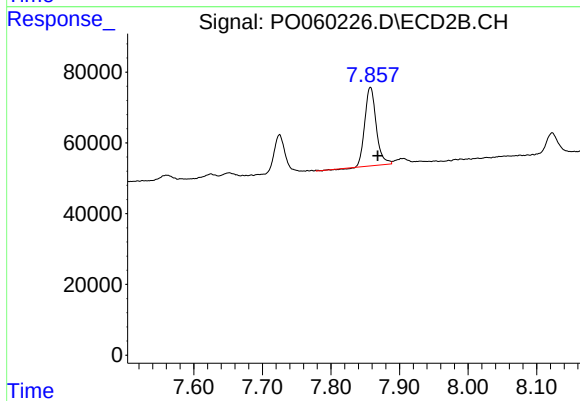
#43 AR-1268-3

R.T.: 7.561 min
Delta R.T.: -0.032 min
Response: 28228
Conc: 5.16 ng/ml



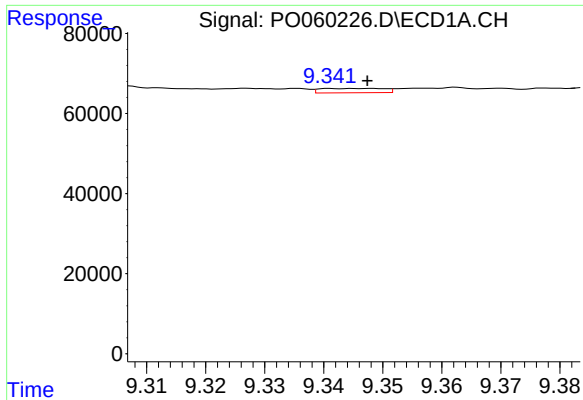
#44 AR-1268-4

R.T.: 8.928 min
Delta R.T.: -0.021 min
Response: 460458
Conc: 165.63 ng/ml



#44 AR-1268-4

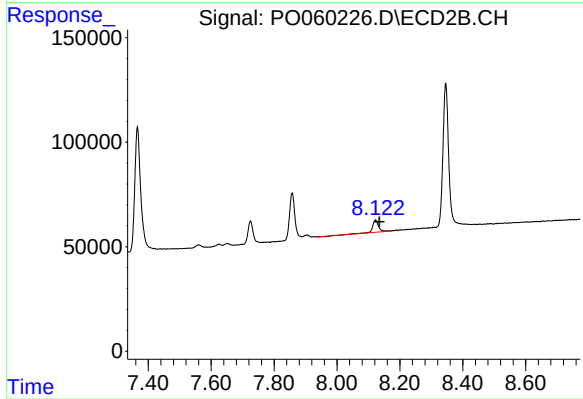
R.T.: 7.858 min
Delta R.T.: -0.011 min
Response: 256491
Conc: 125.65 ng/ml



#45 AR-1268-5

R.T.: 9.347 min
Delta R.T.: 0.000 min
Response: 7951
Conc: 0.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122727BS



#45 AR-1268-5

R.T.: 8.123 min
Delta R.T.: -0.012 min
Response: 79186
Conc: 5.45 ng/ml